

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

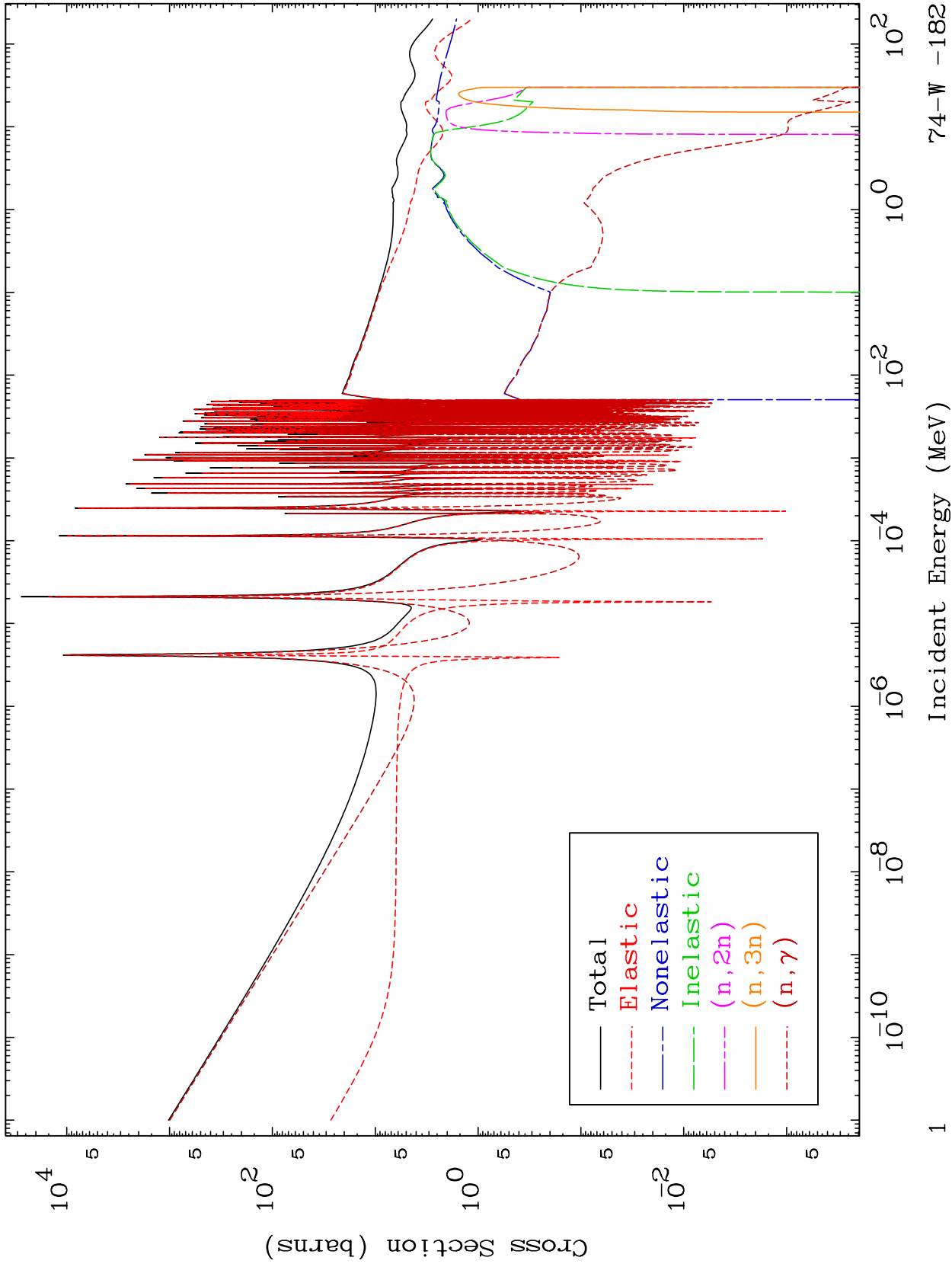
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Tele: 925-443-1911

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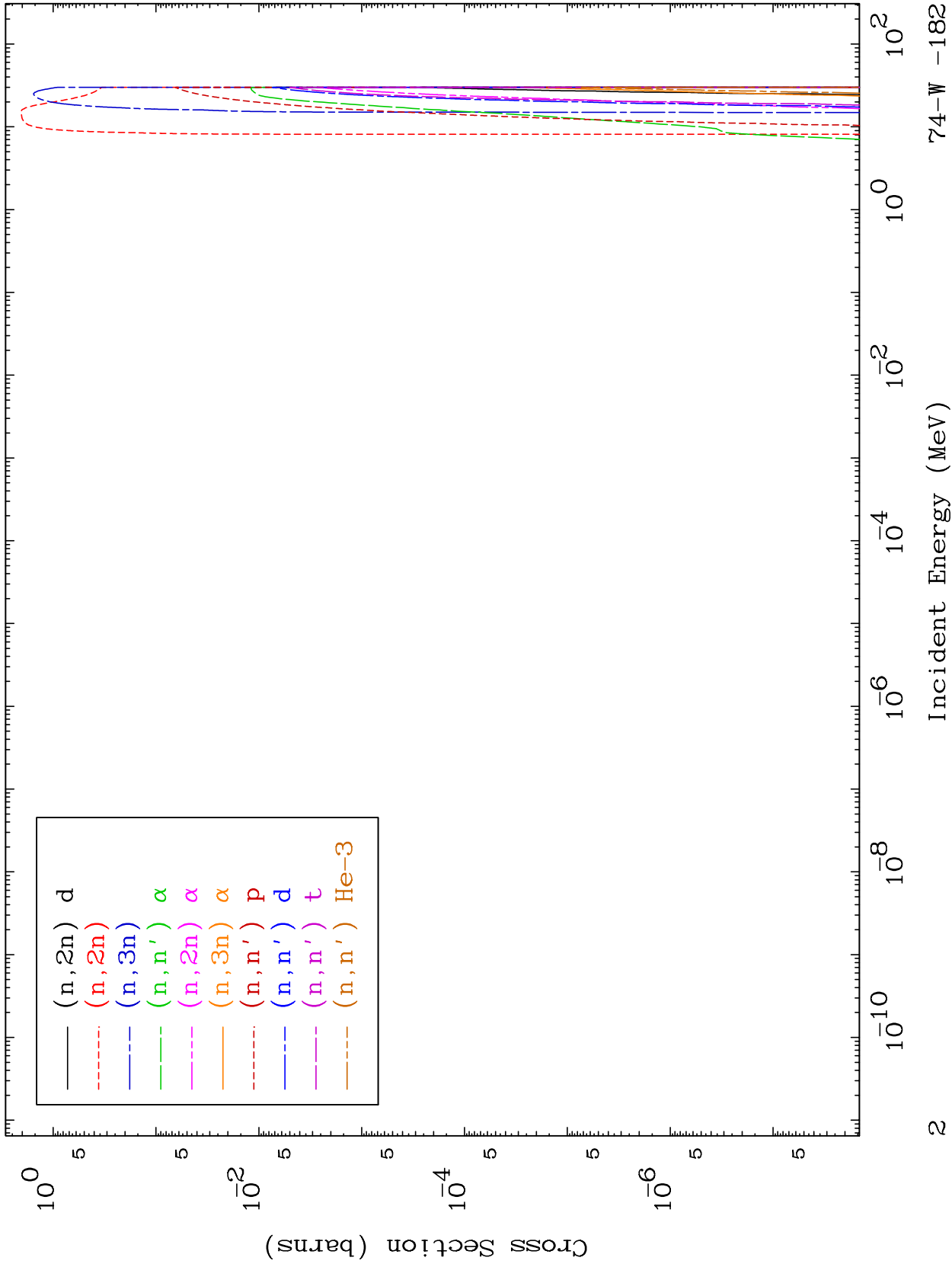
Press Mouse Button to Start



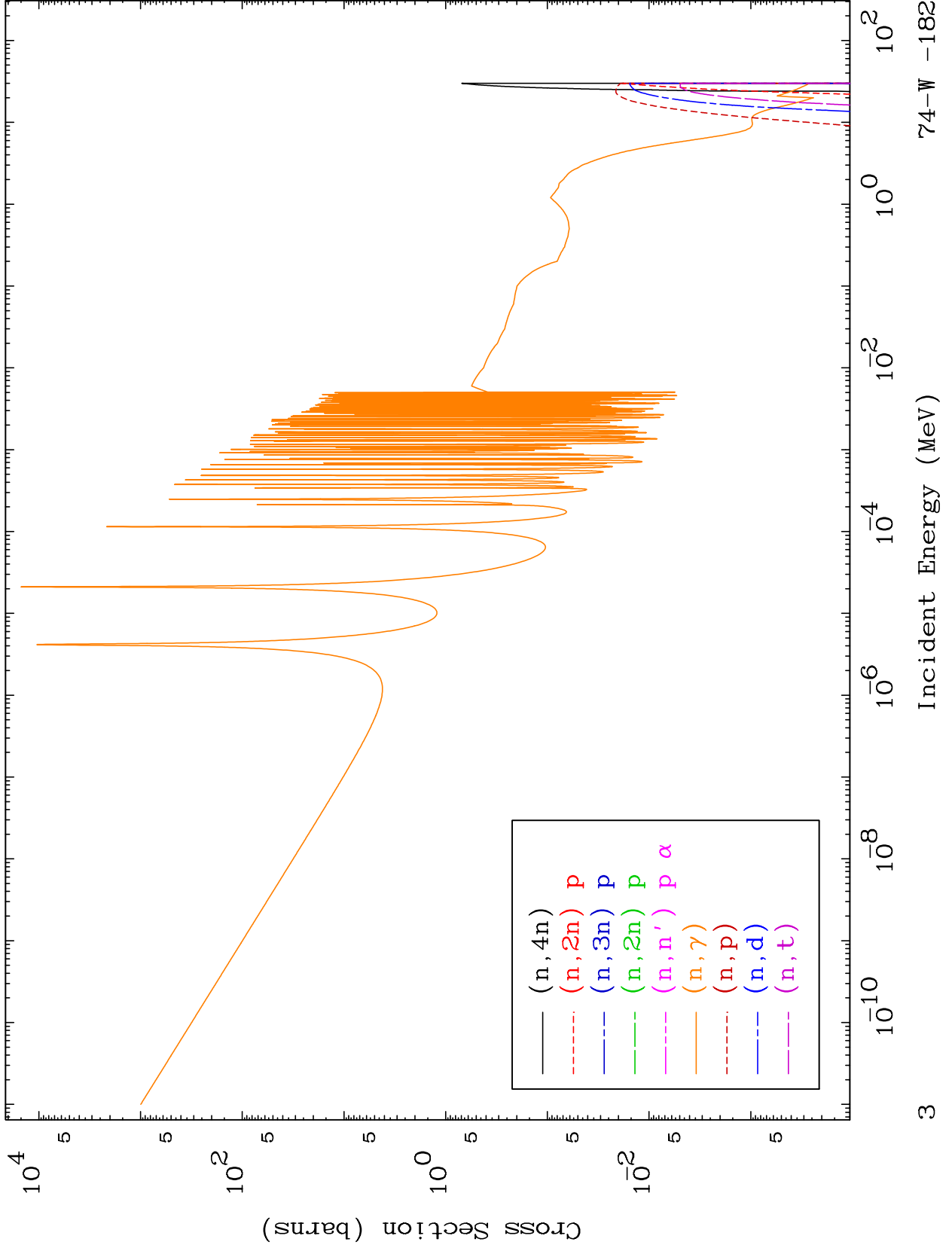
MAT 7431

Neutron Absorption  
293 Kelvin Cross Sections

74-W -182



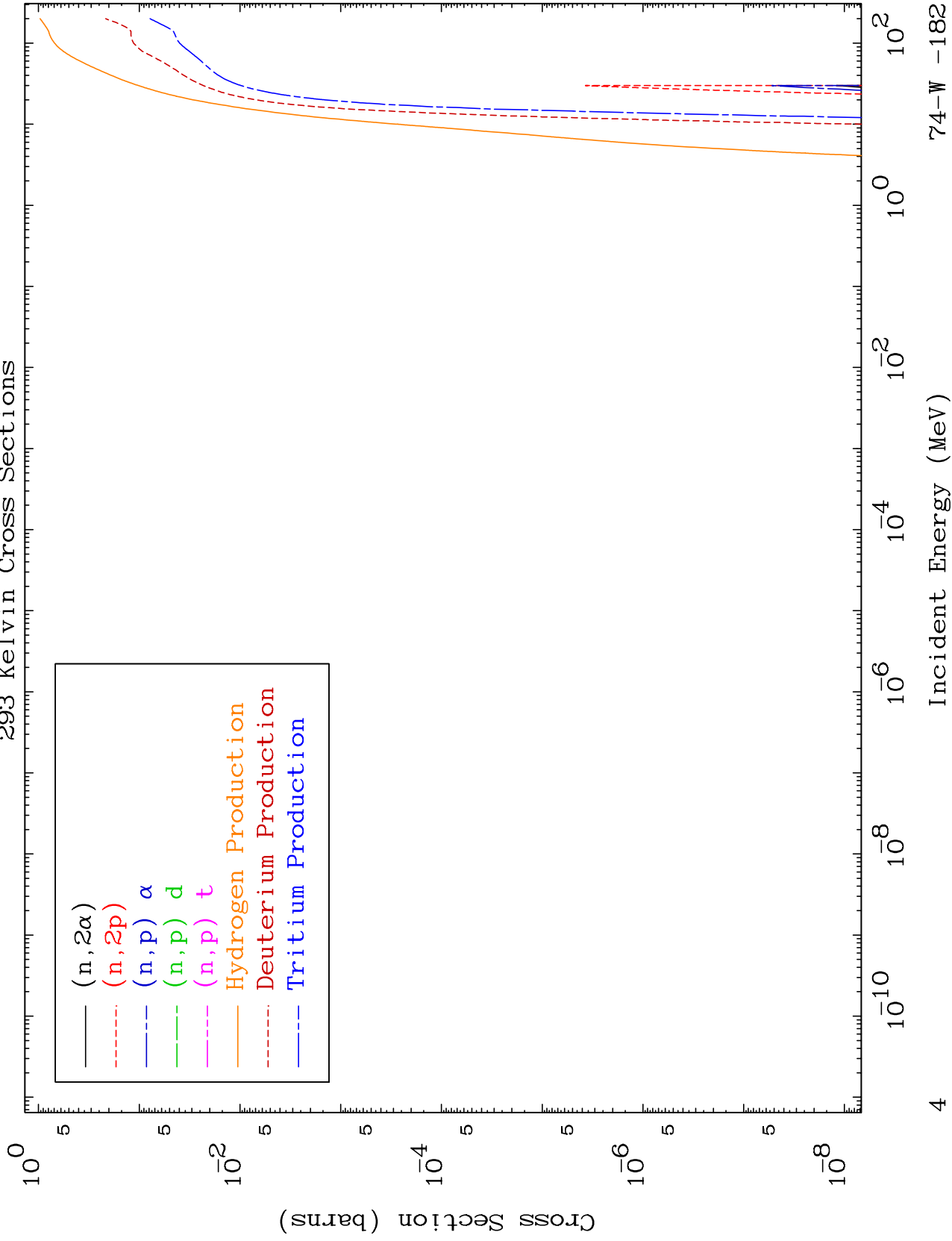
74-W -182



MAT 7431

Neutron Absorption  
293 Kelvin Cross Sections

74-W -182

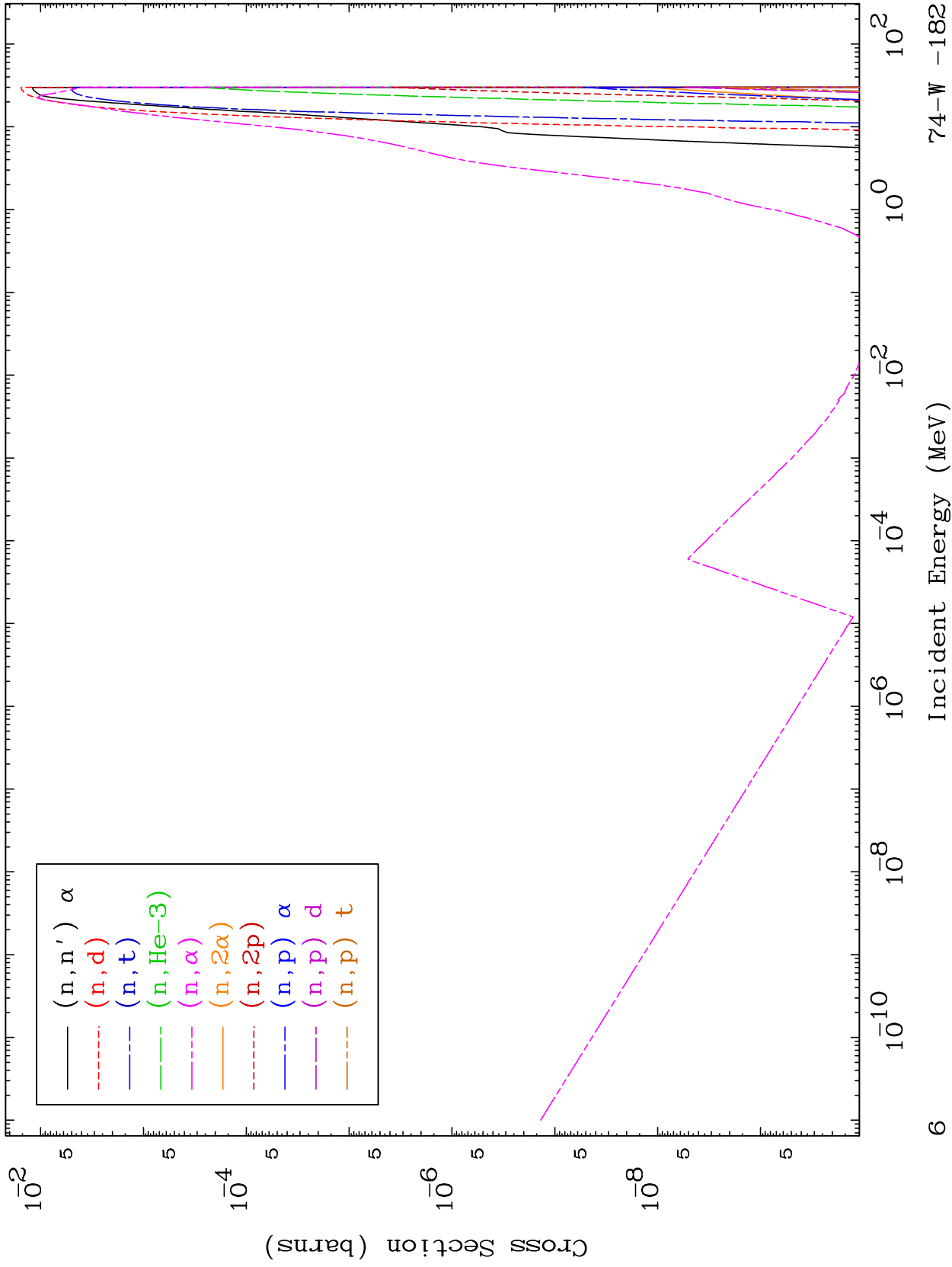


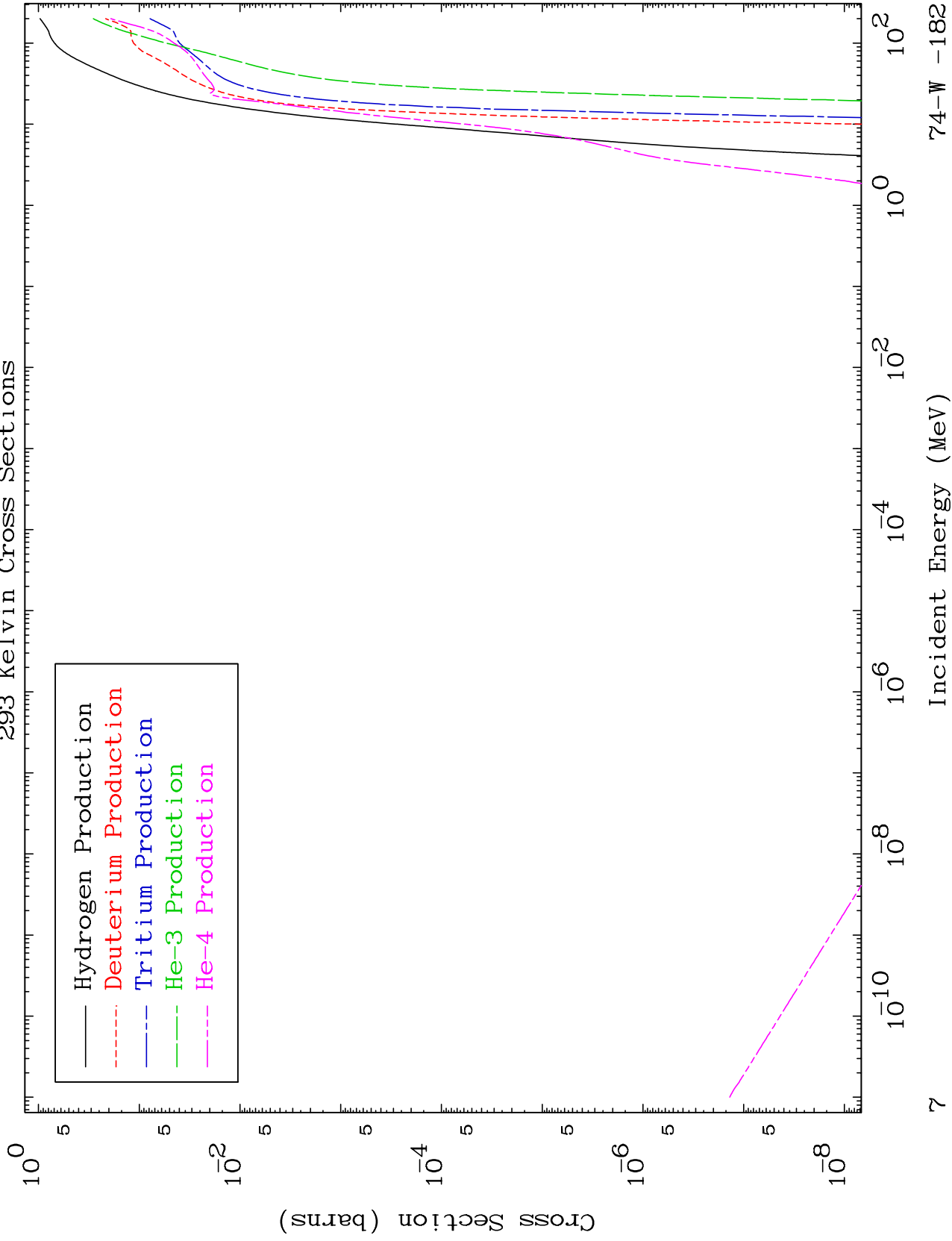


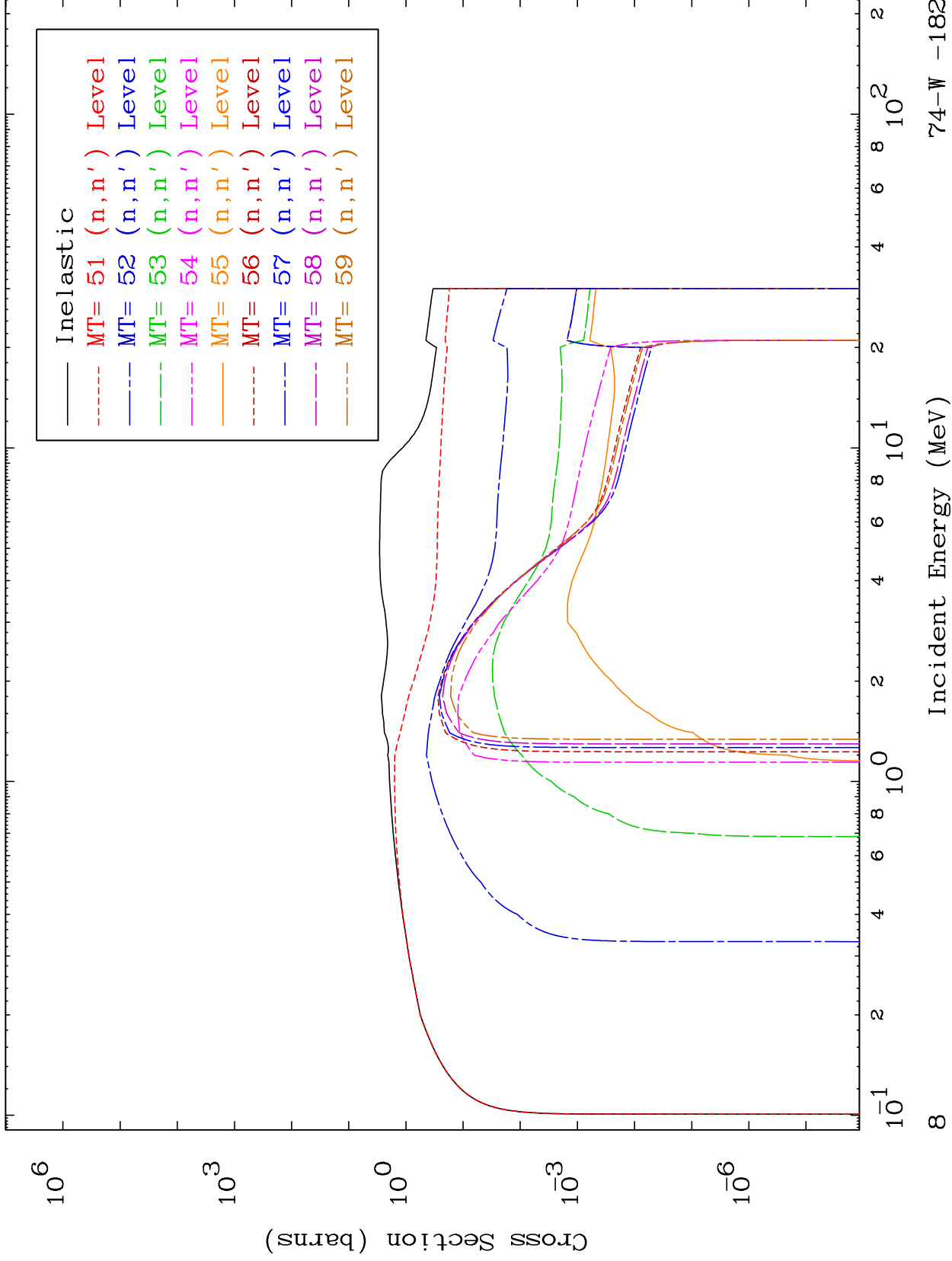
MAT 7431

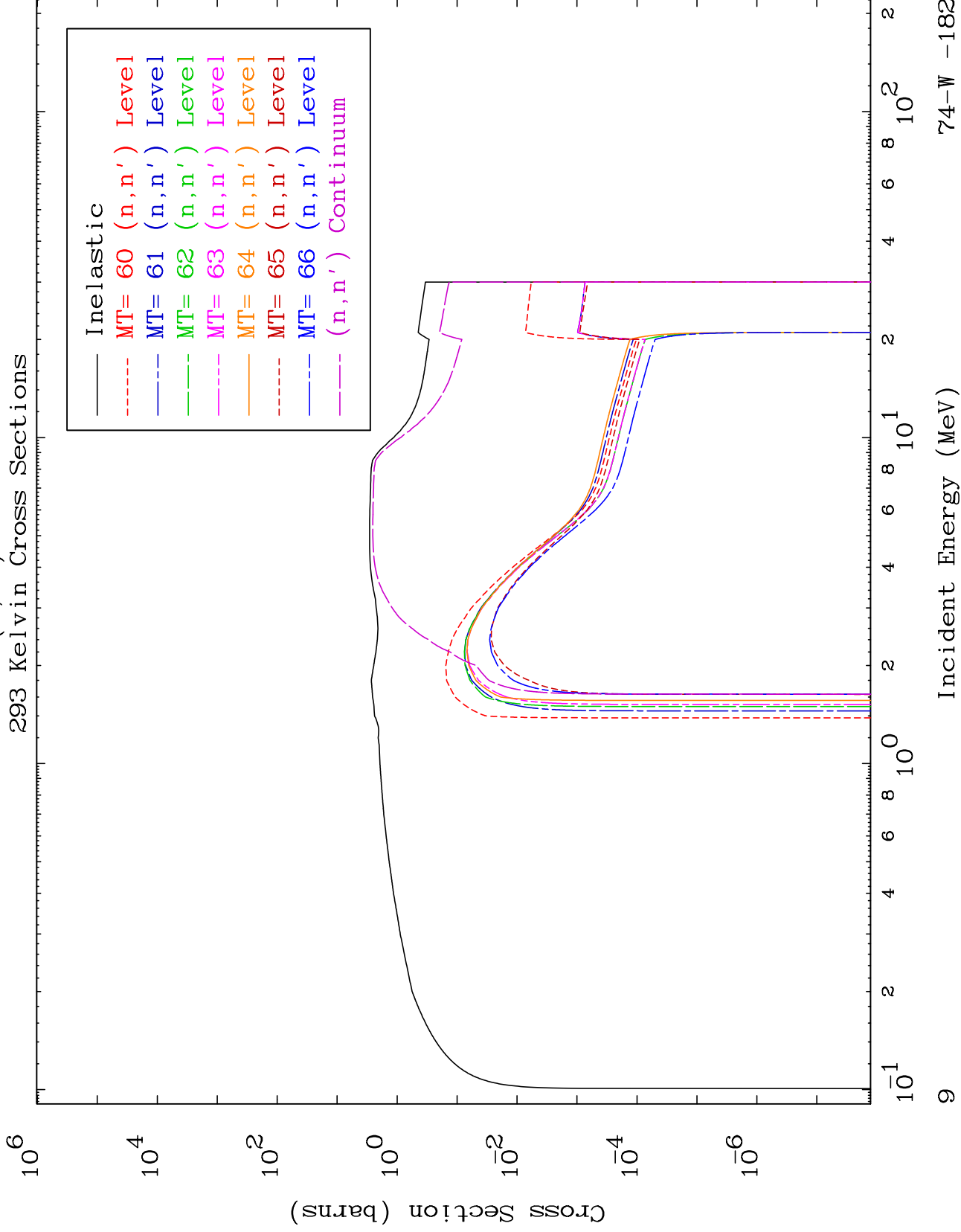
Charged Particle  
293 Kelvin Cross Sections

74-W -182





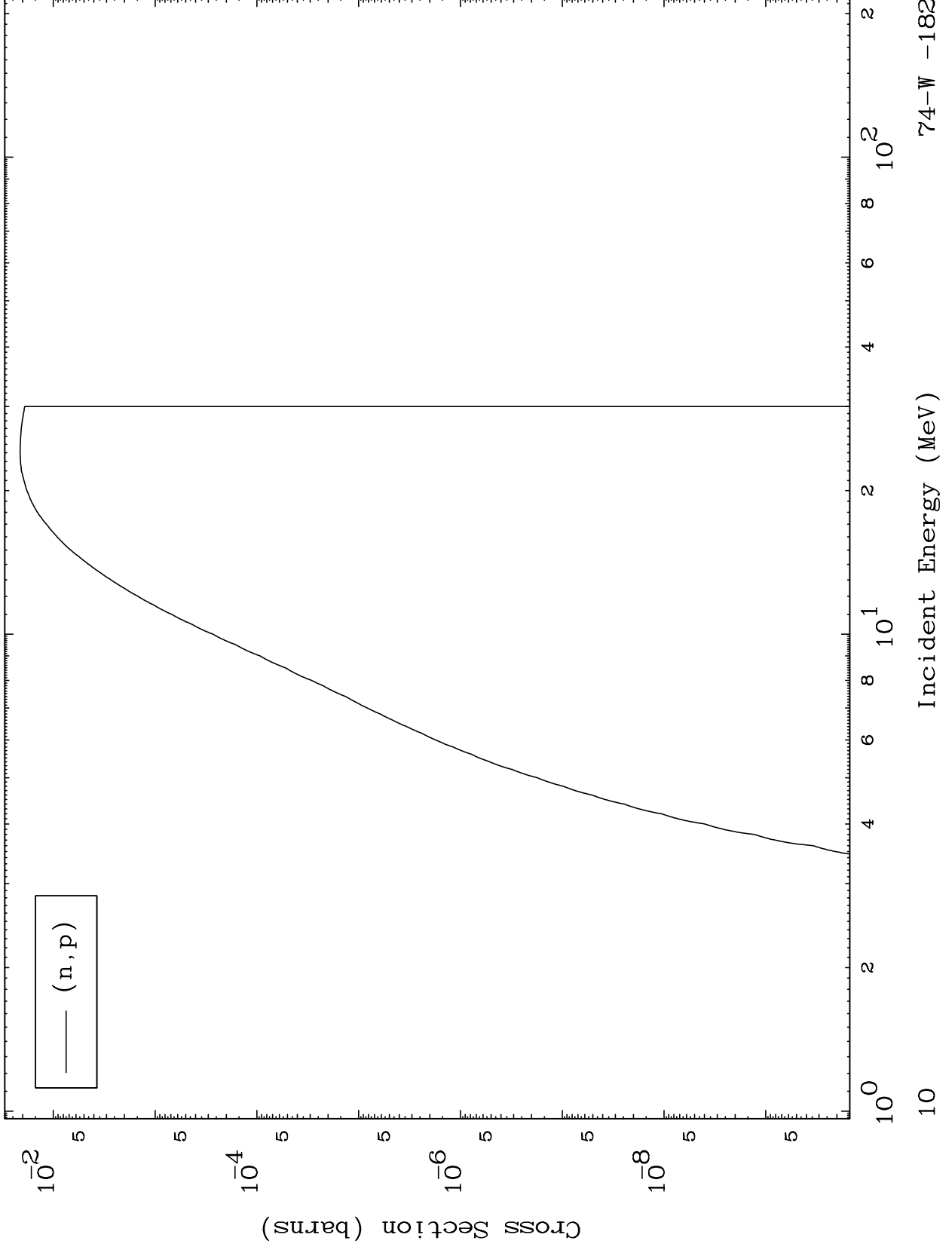




MAT 7431

(n,p) Levels  
293 Kelvin Cross Sections

74-W -182

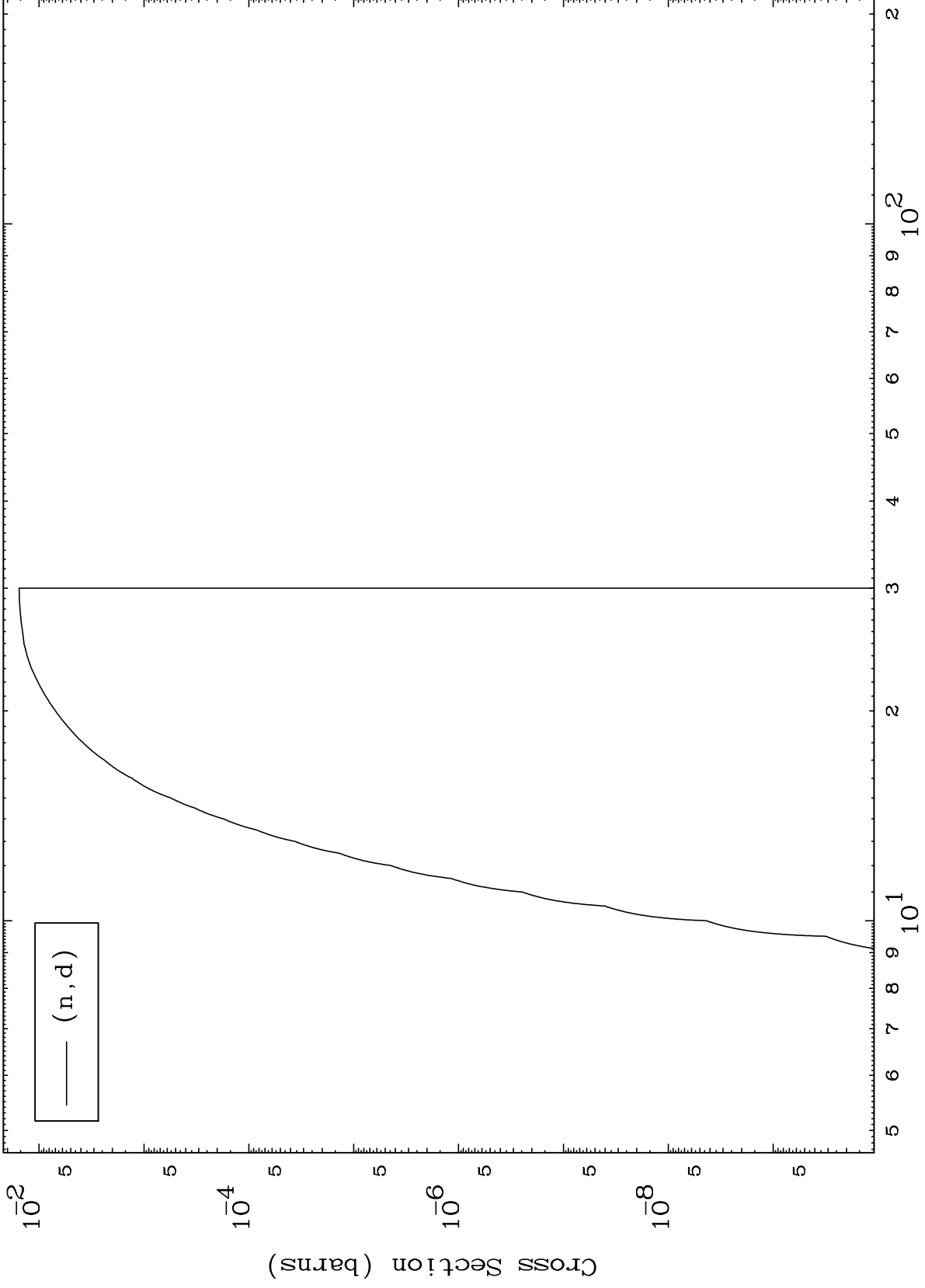


74-W -182

MAT 7431

(n,d) Levels  
293 Kelvin Cross Sections

74-W -182



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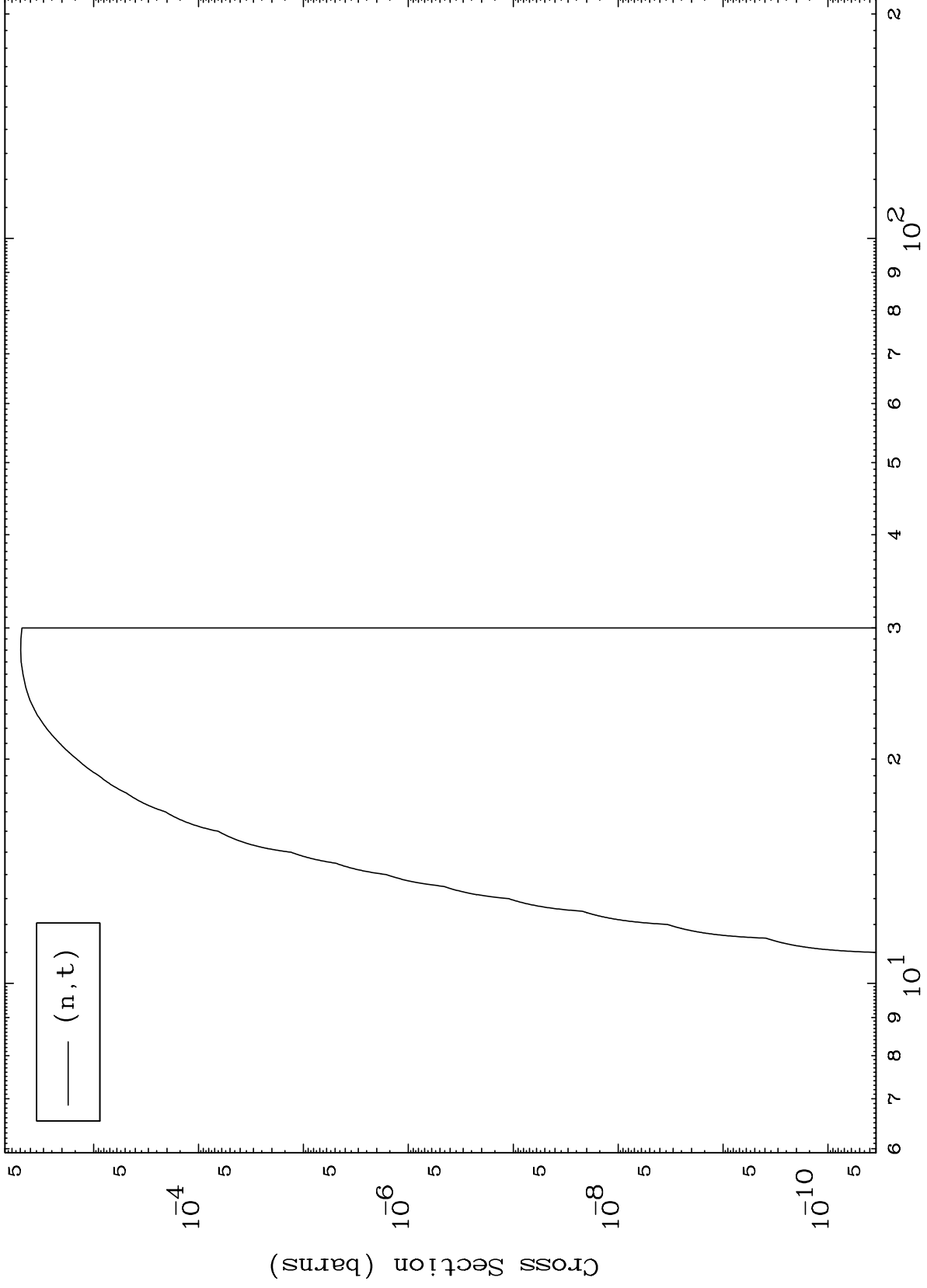
Incident Energy (MeV)

74-W -182

MAT 7431

(n,t) Levels  
293 Kelvin Cross Sections

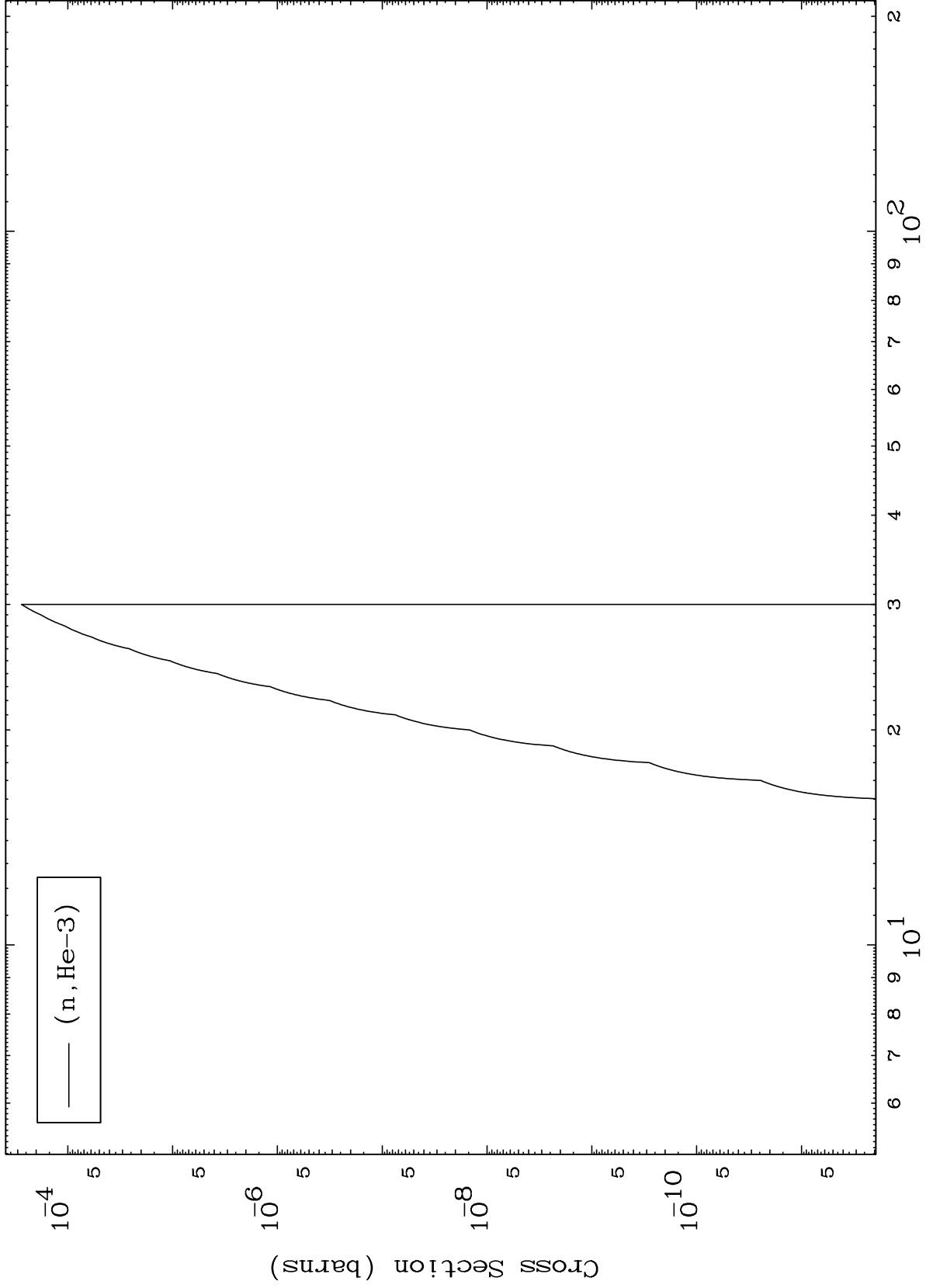
74-W -182



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Incident Energy (MeV)

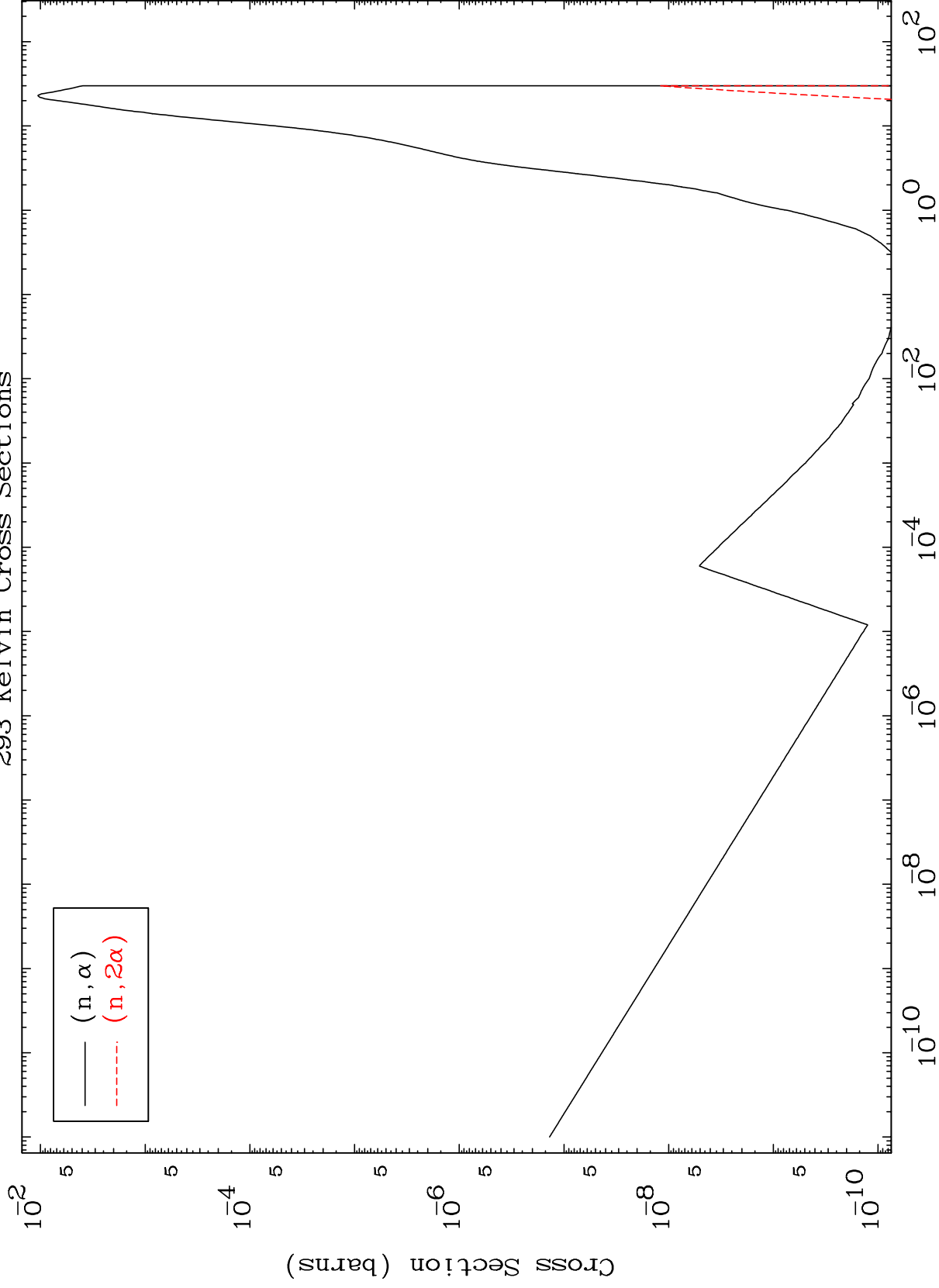
74-W -182



MAT 7431

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

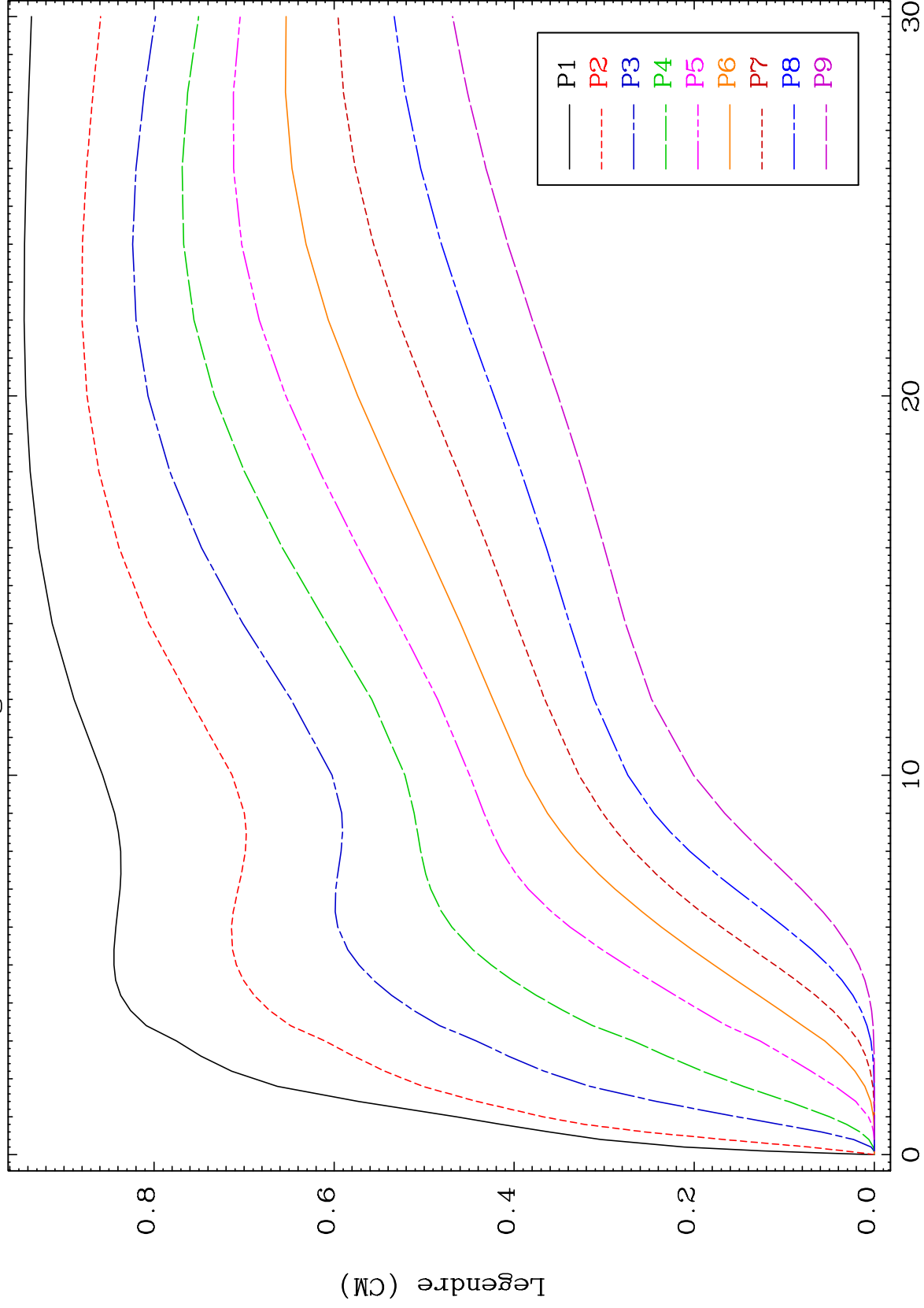
74-W -182

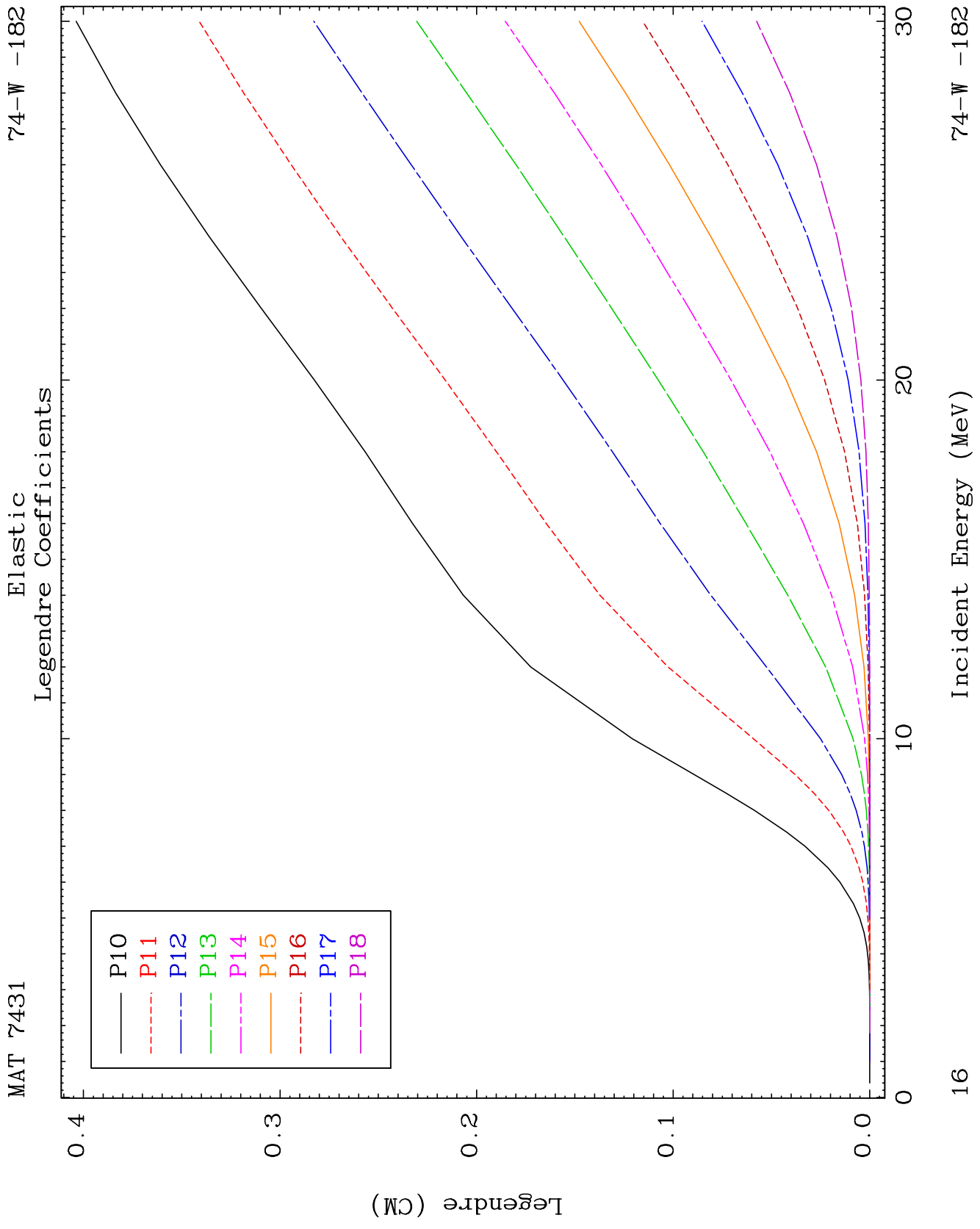


Incident Energy (MeV)

74-W -182

14

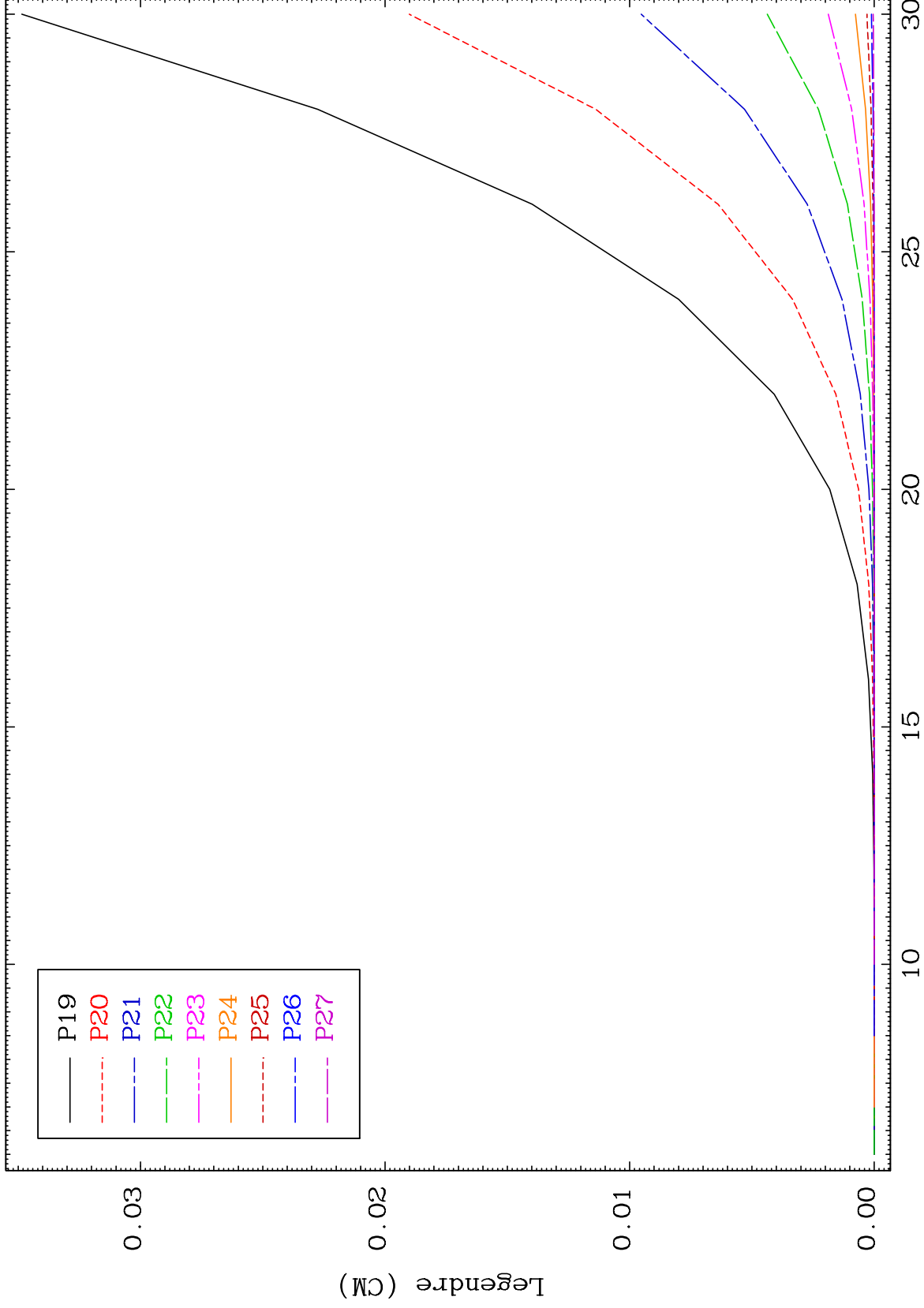




MAT 7431

### Elastic Legendre Coefficients

74-W -182



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Incident Energy (MeV)

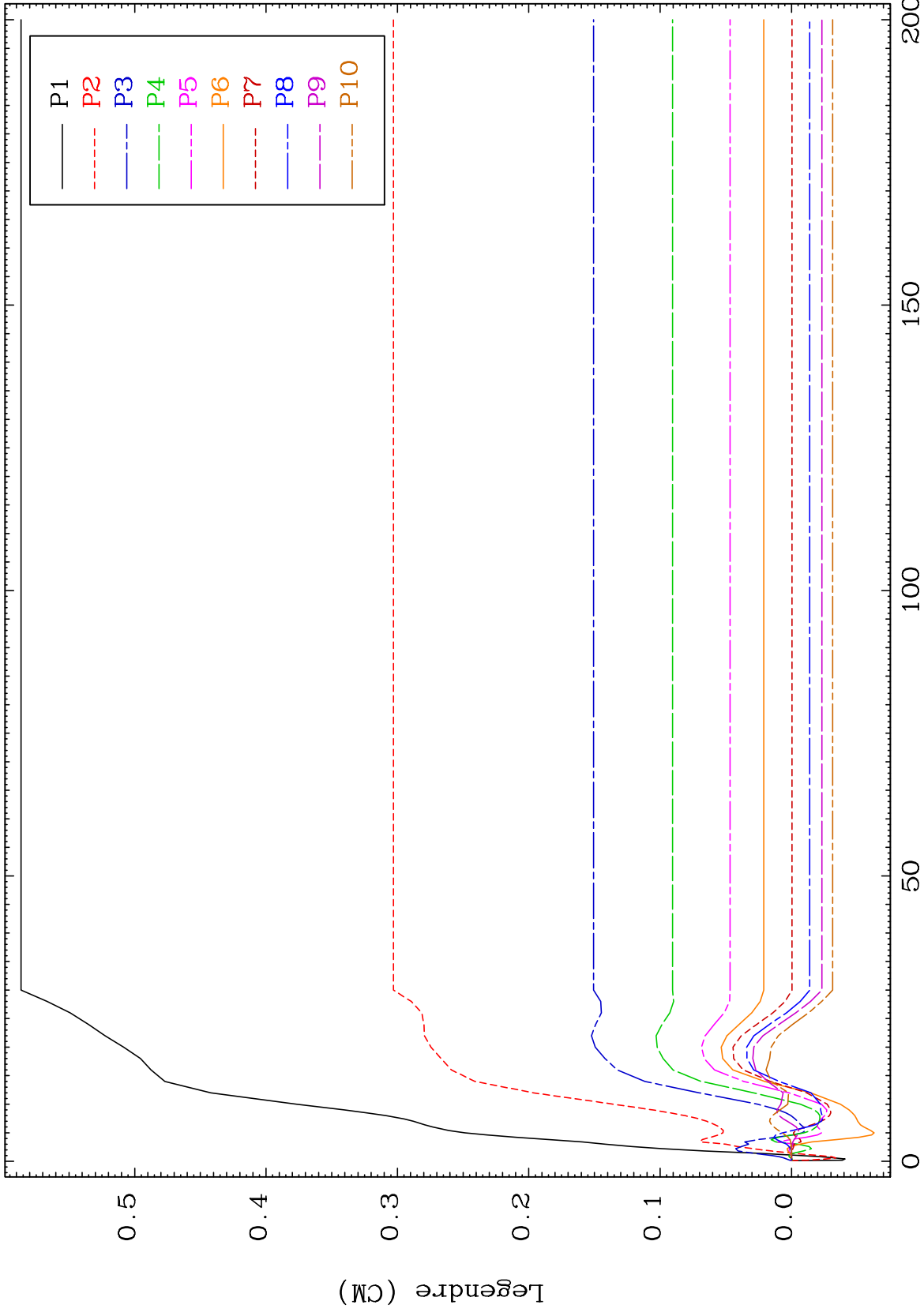
74-W -182



MAT 7431

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

74-W -182



19

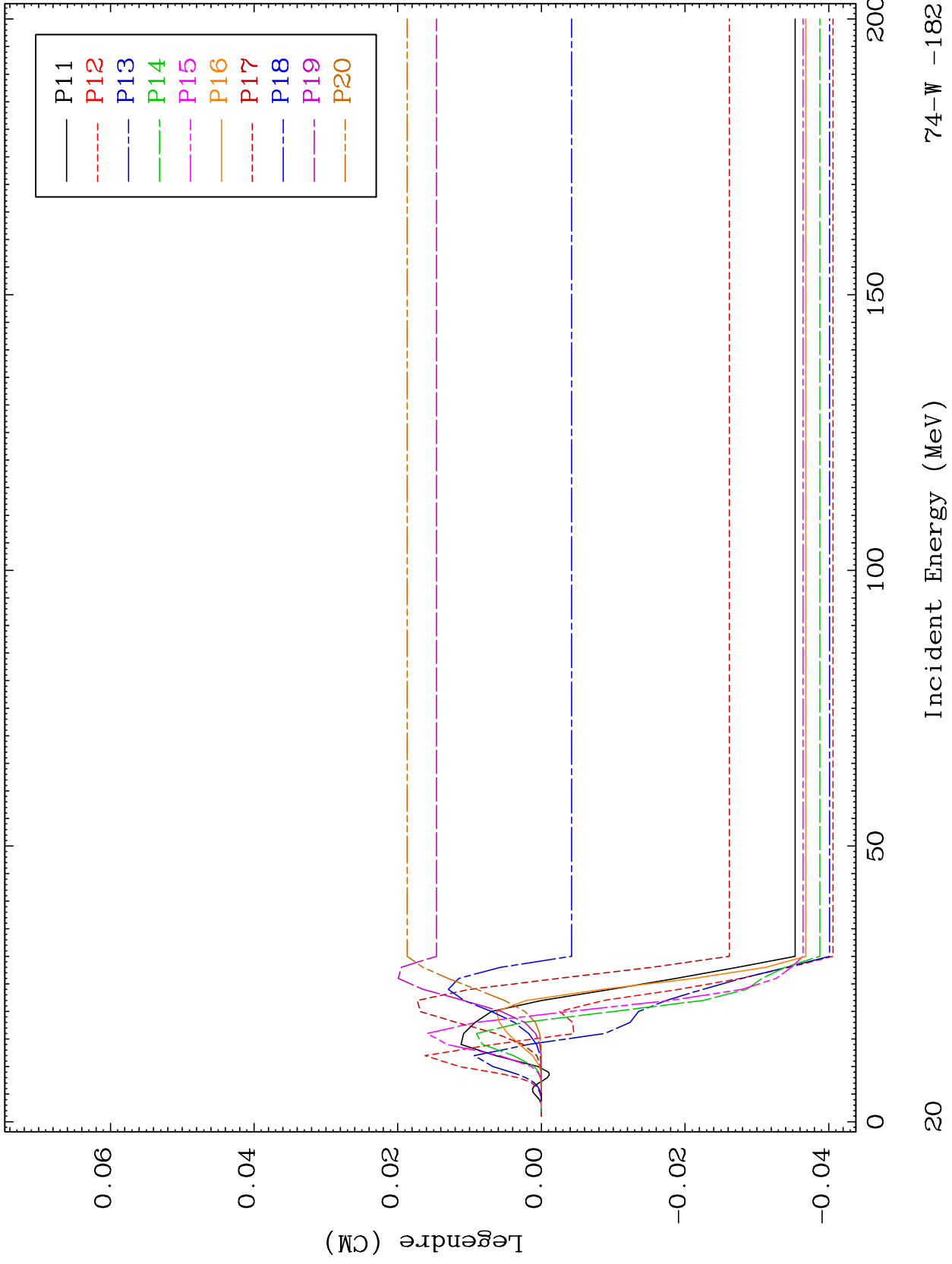
Incident Energy (MeV)

74-W -182

MAT 7431

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

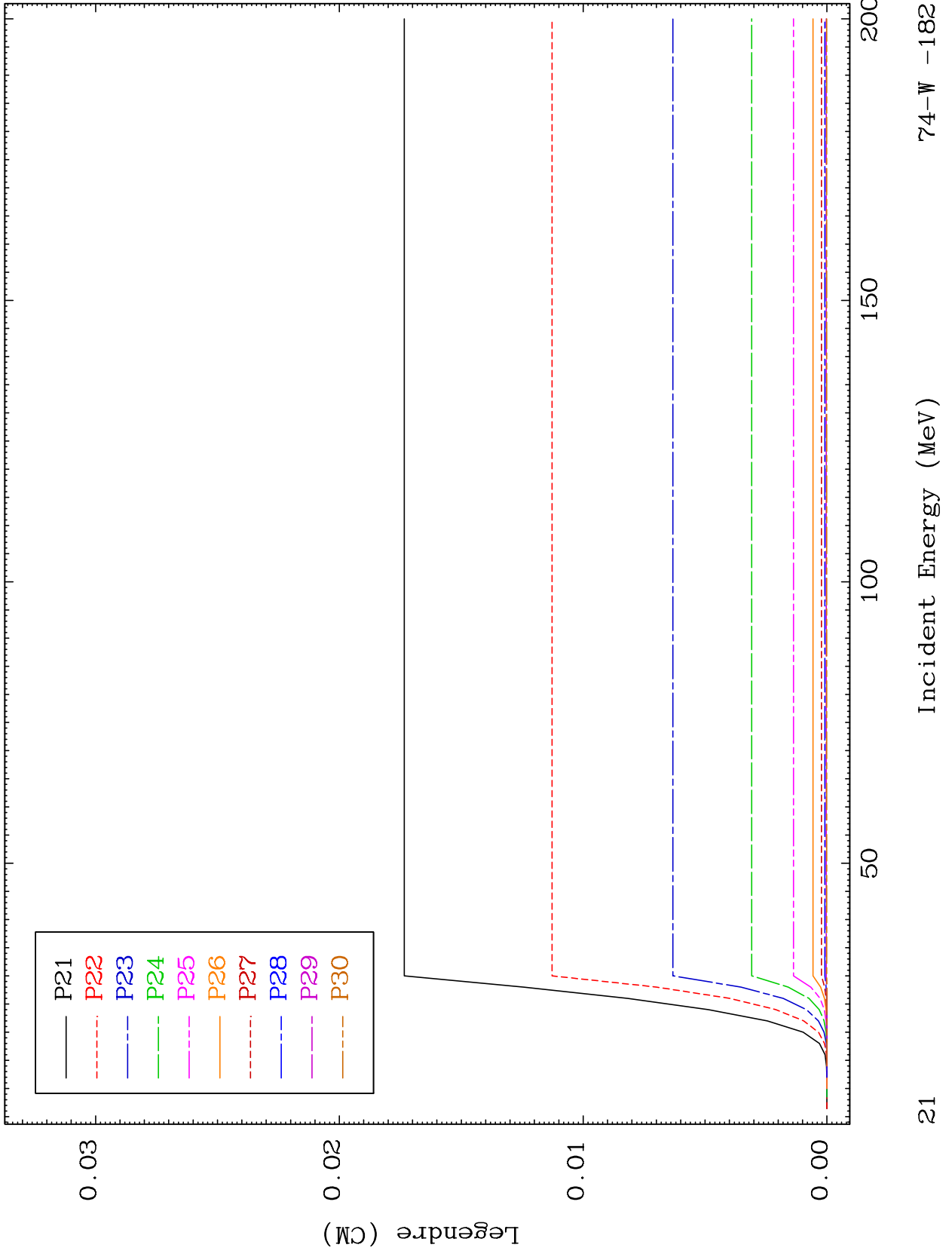
74-W -182

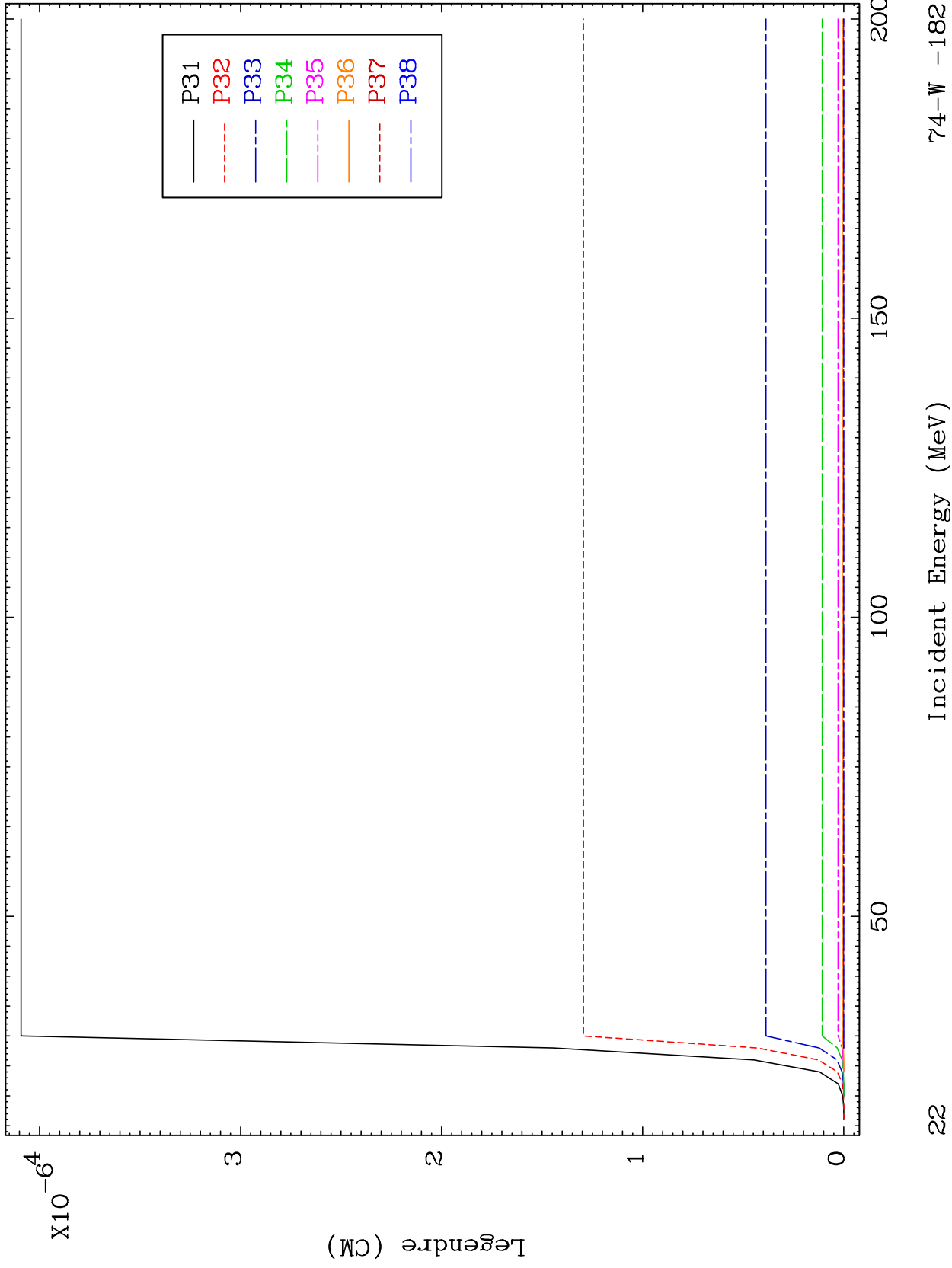


74-W -182

Incident Energy (MeV)

20

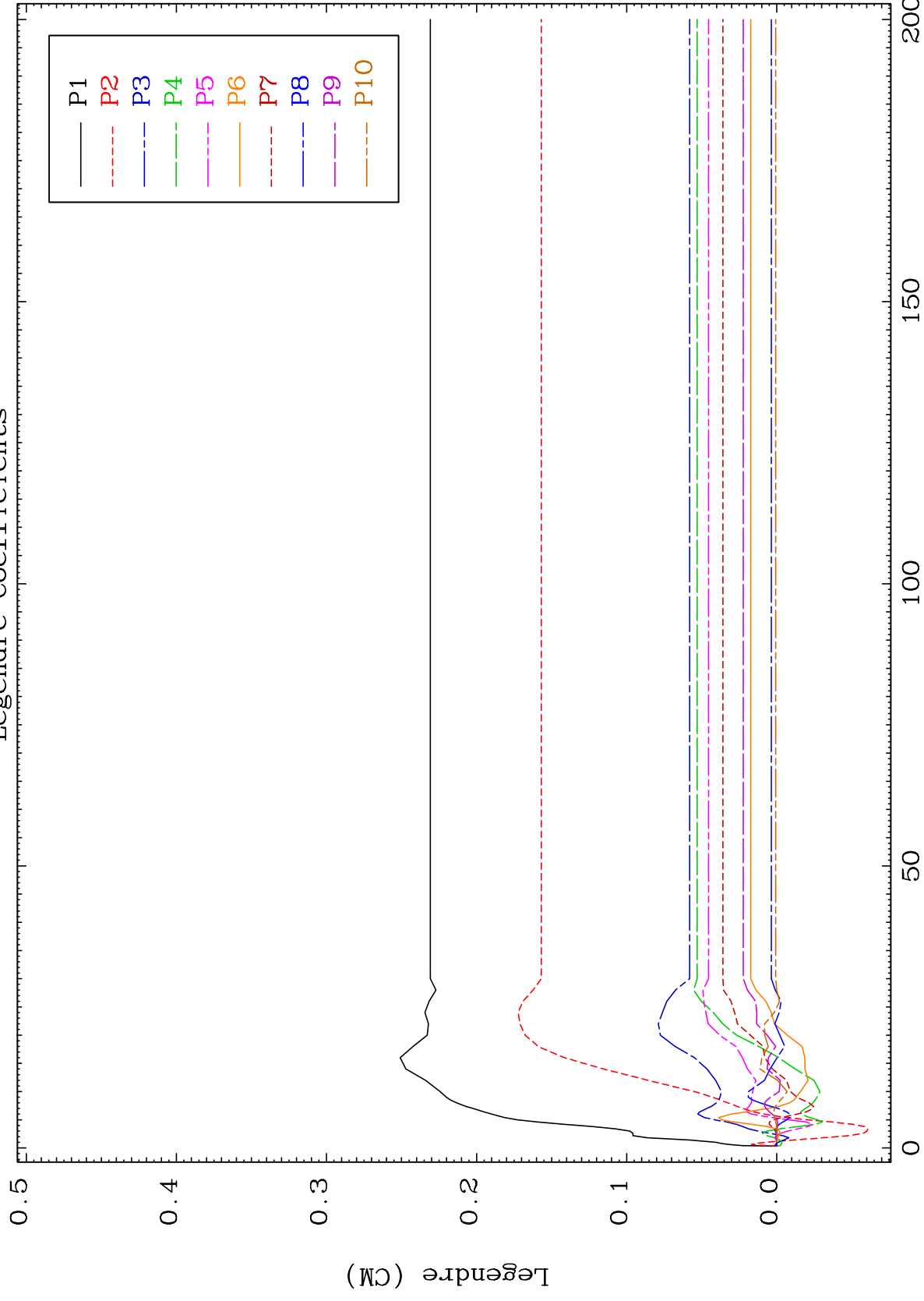




MAT 7431

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

74-W -182



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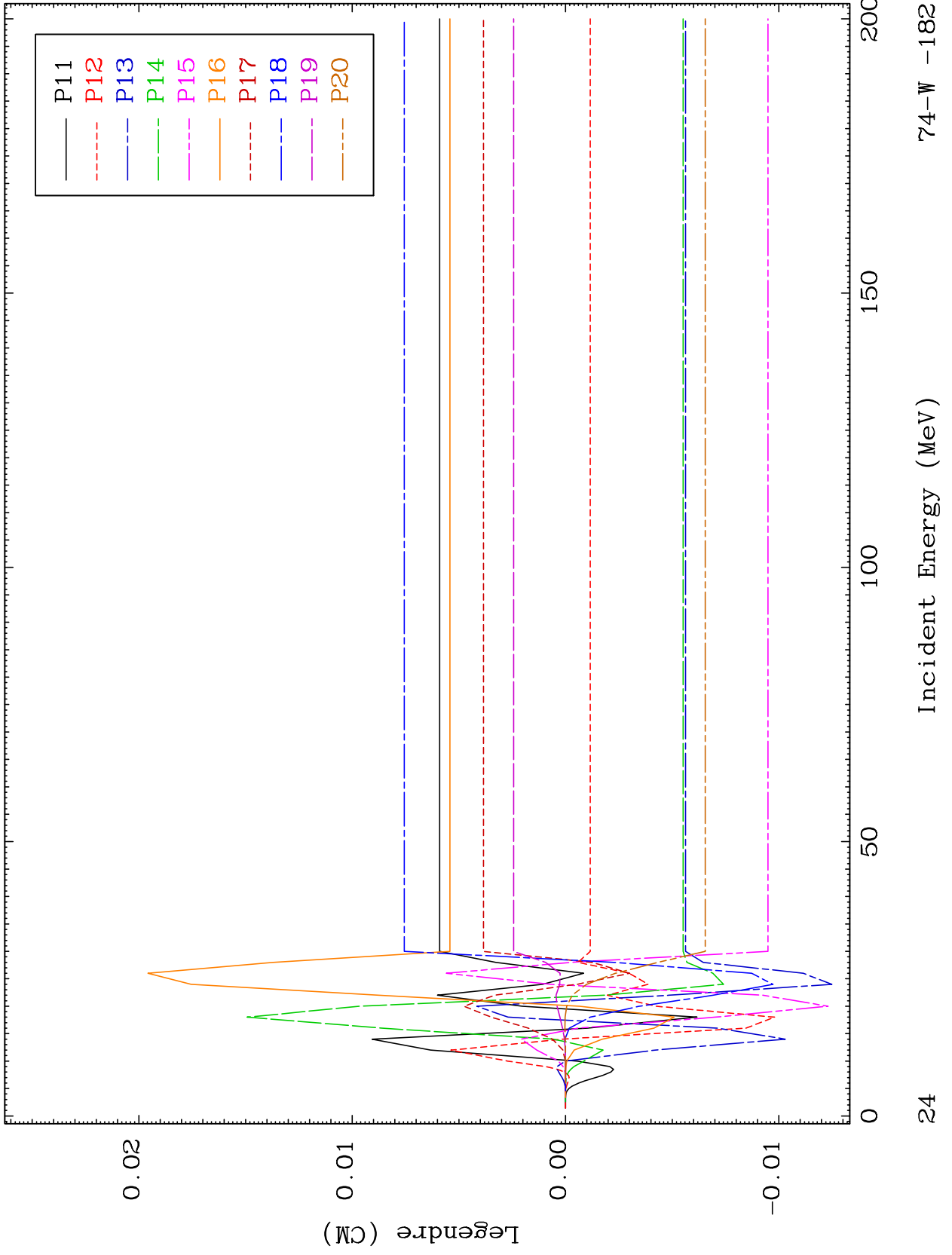
Incident Energy (MeV)

74-W -182

MAT 7431

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

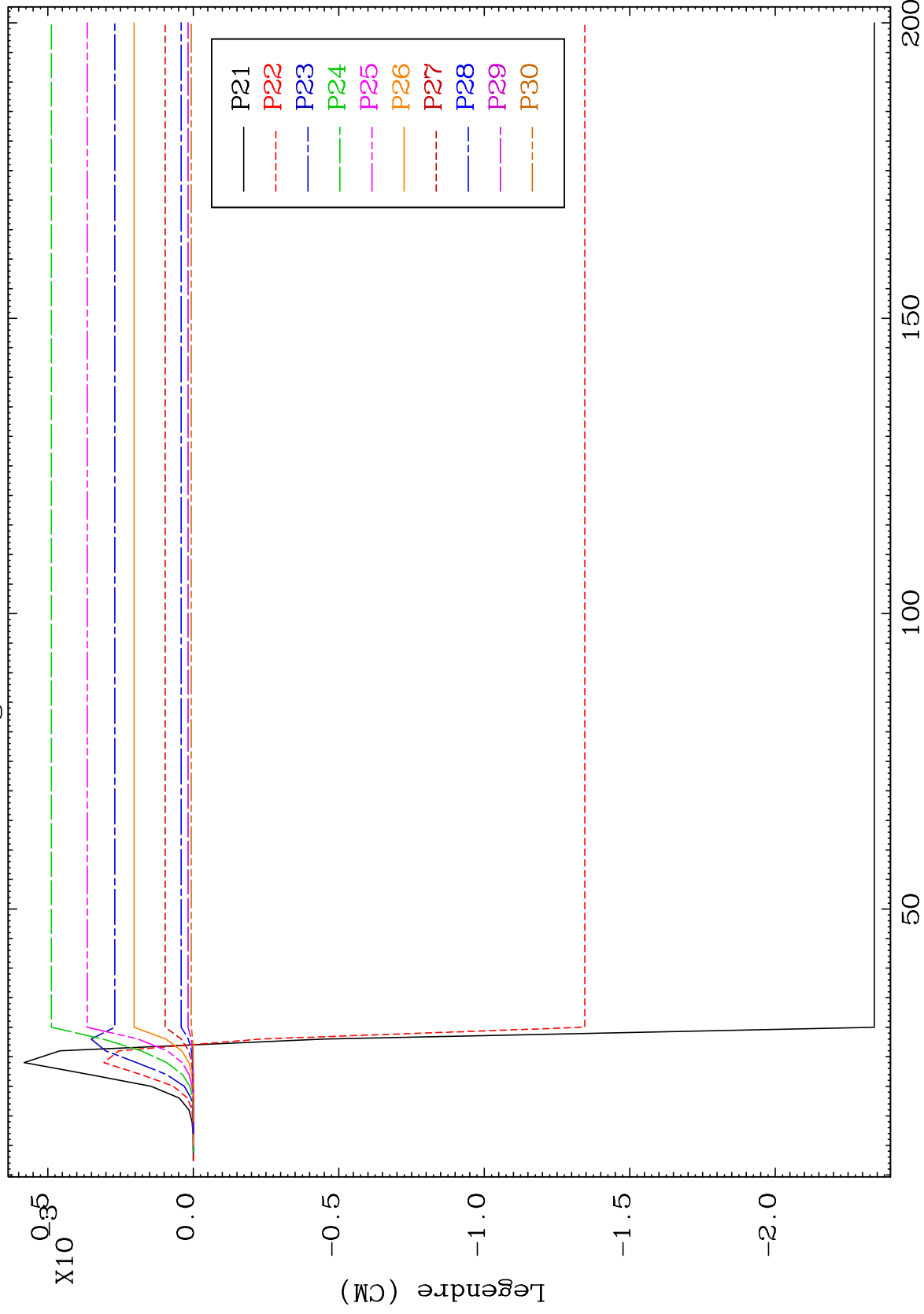
74-W -182

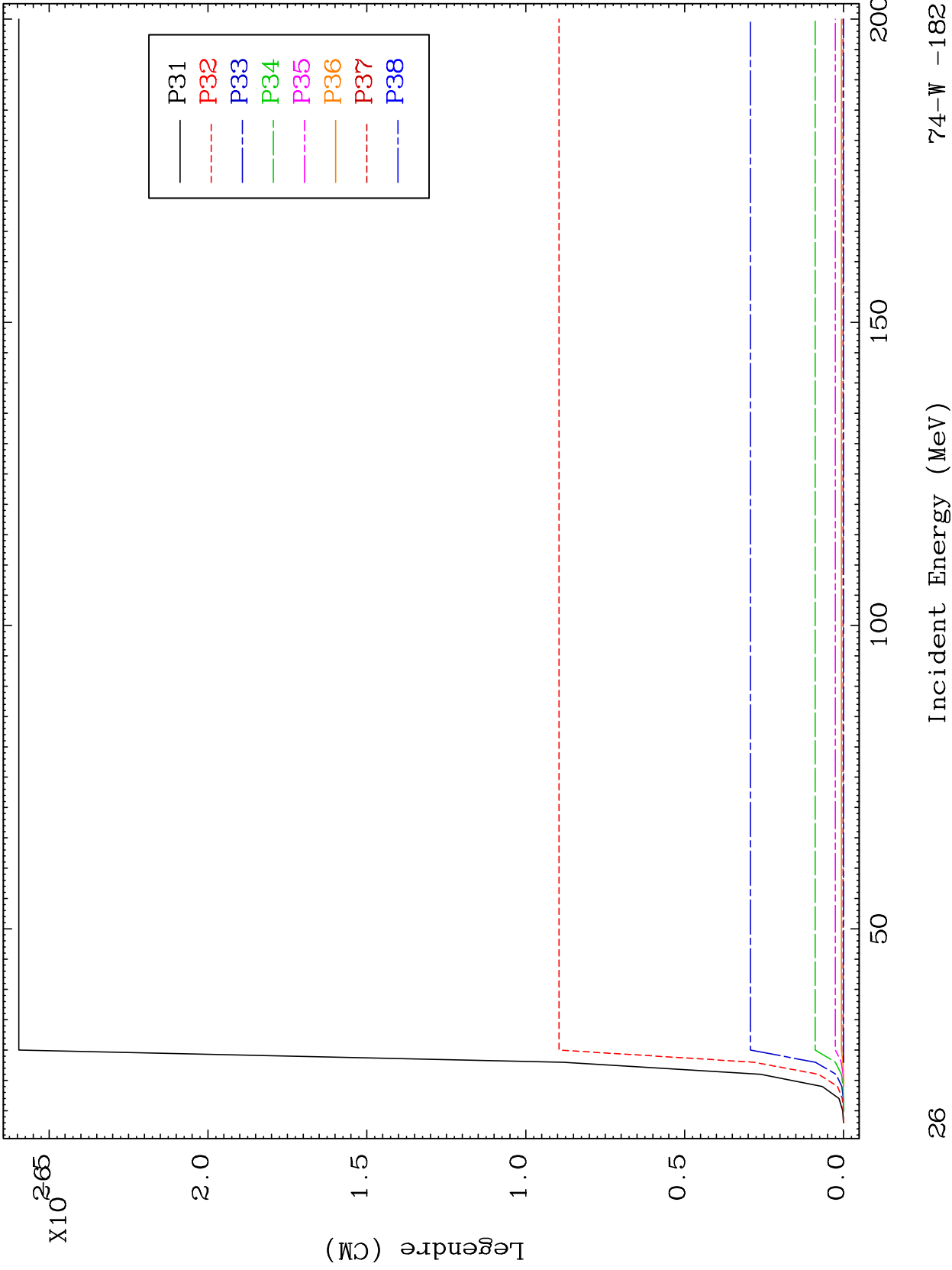


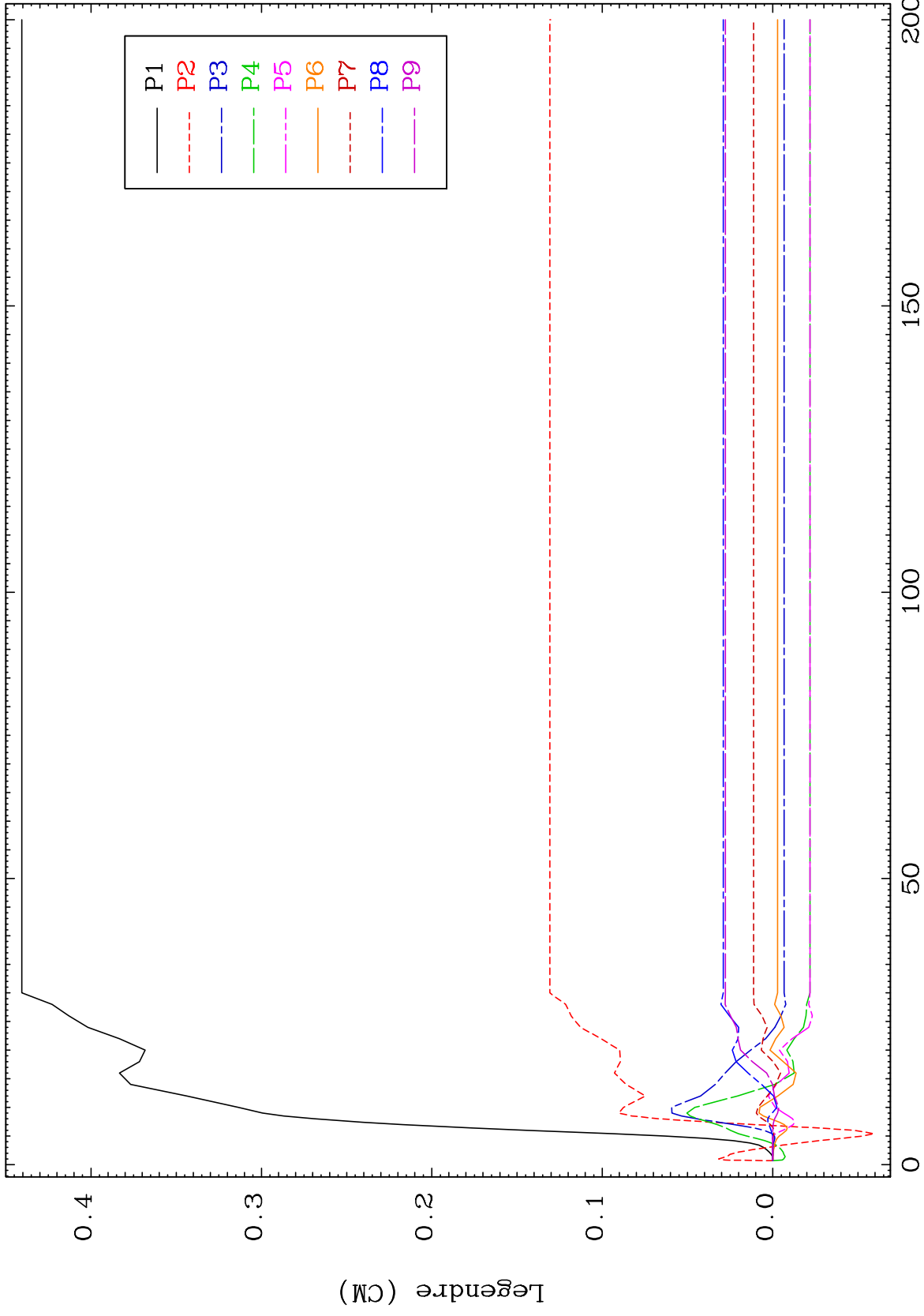
24

Incident Energy (MeV)

74-W -182



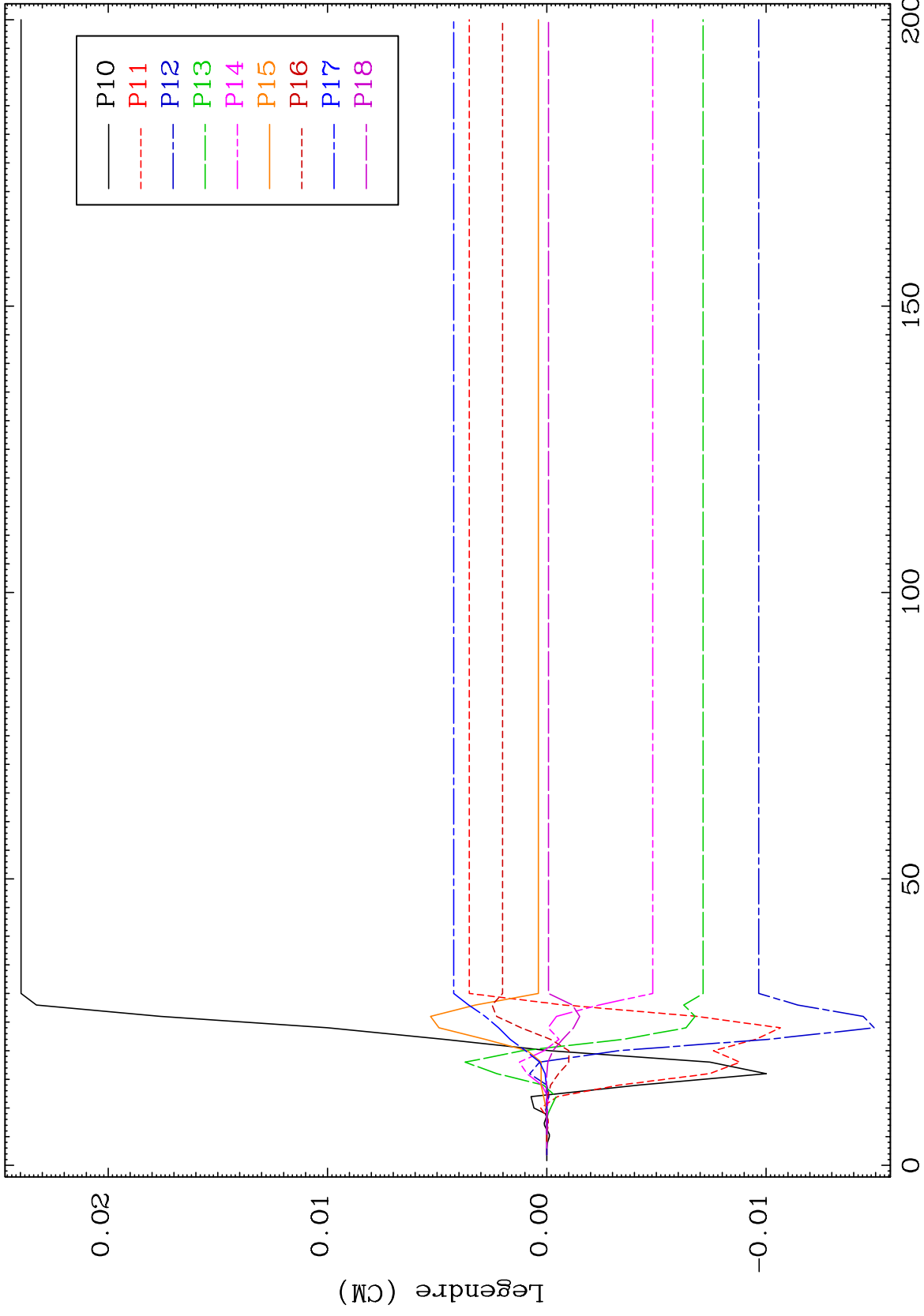




MAT 7431

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

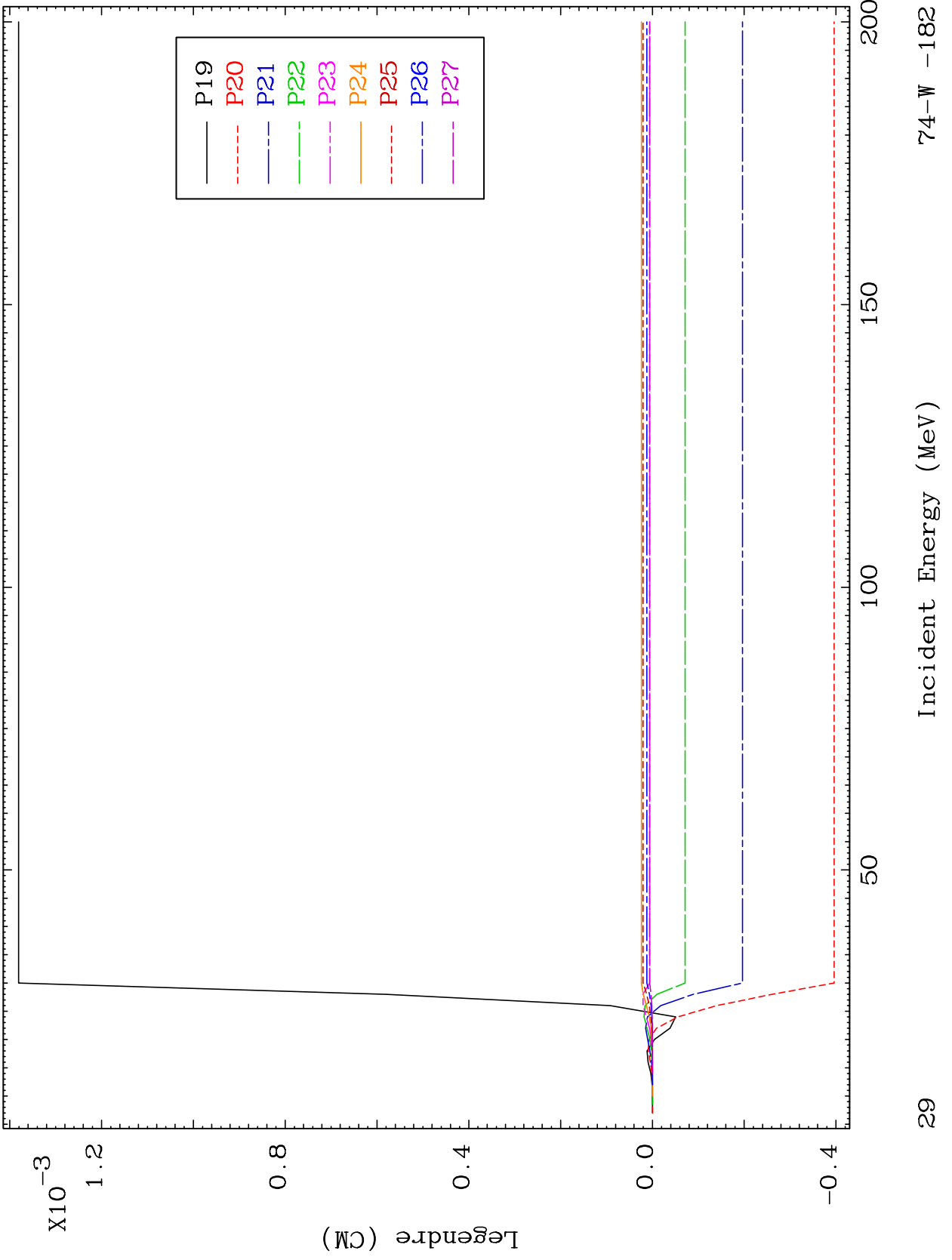
74-W -182



28

Incident Energy (MeV)

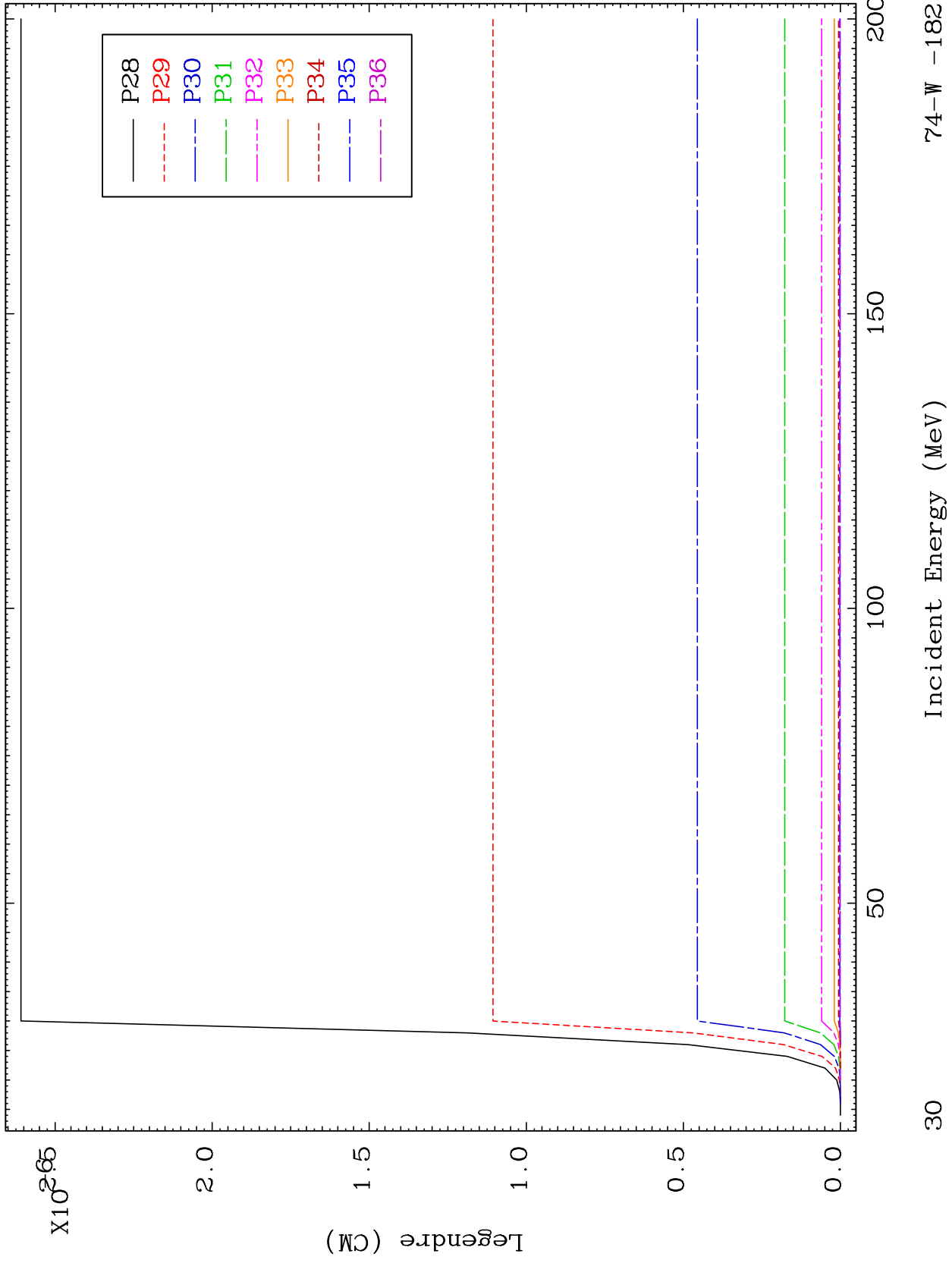
74-W -182



MAT 7431

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

74-W -182



74-W -182

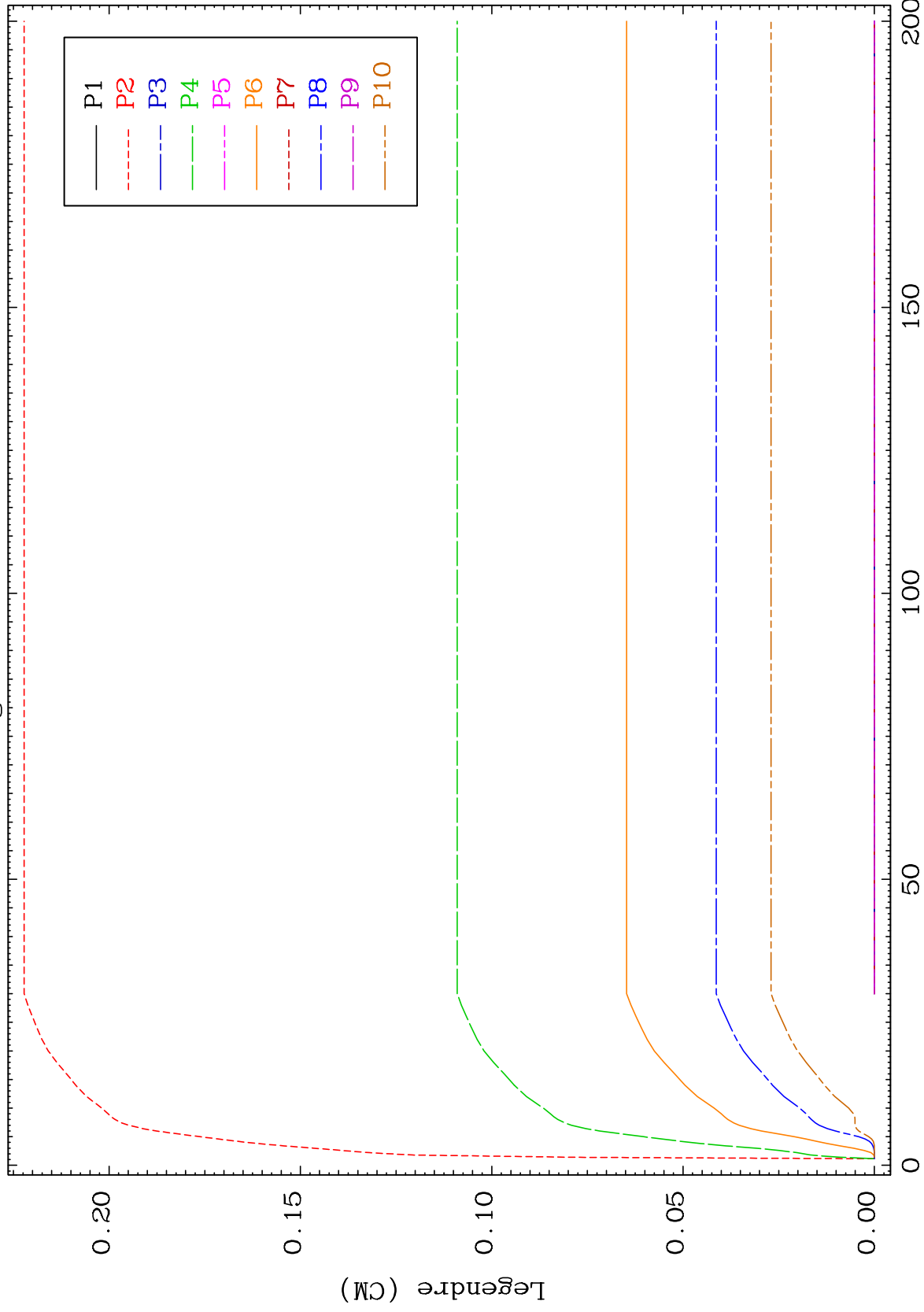
Incident Energy (MeV)

30

MAT 7431

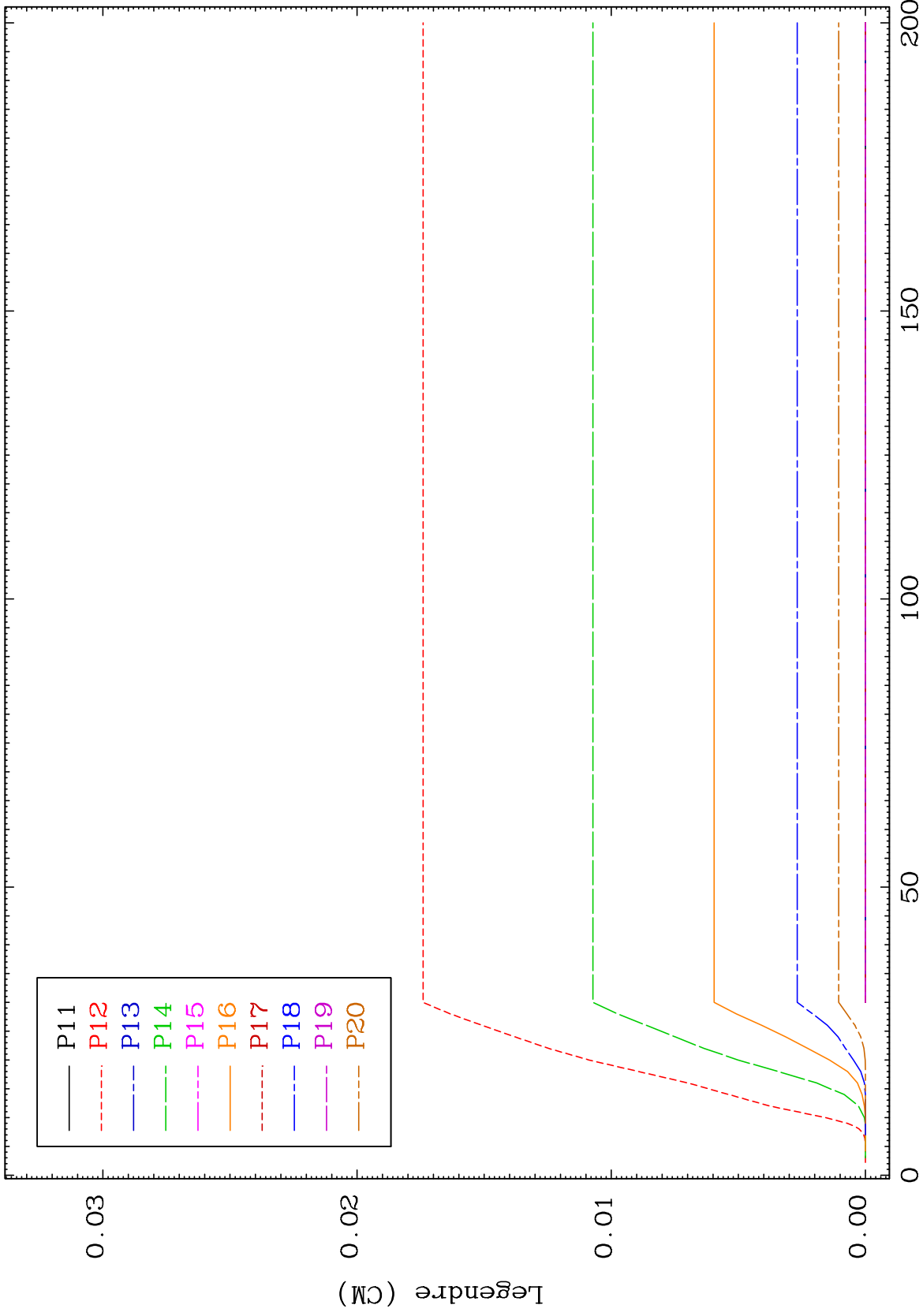
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Legendre Coefficients

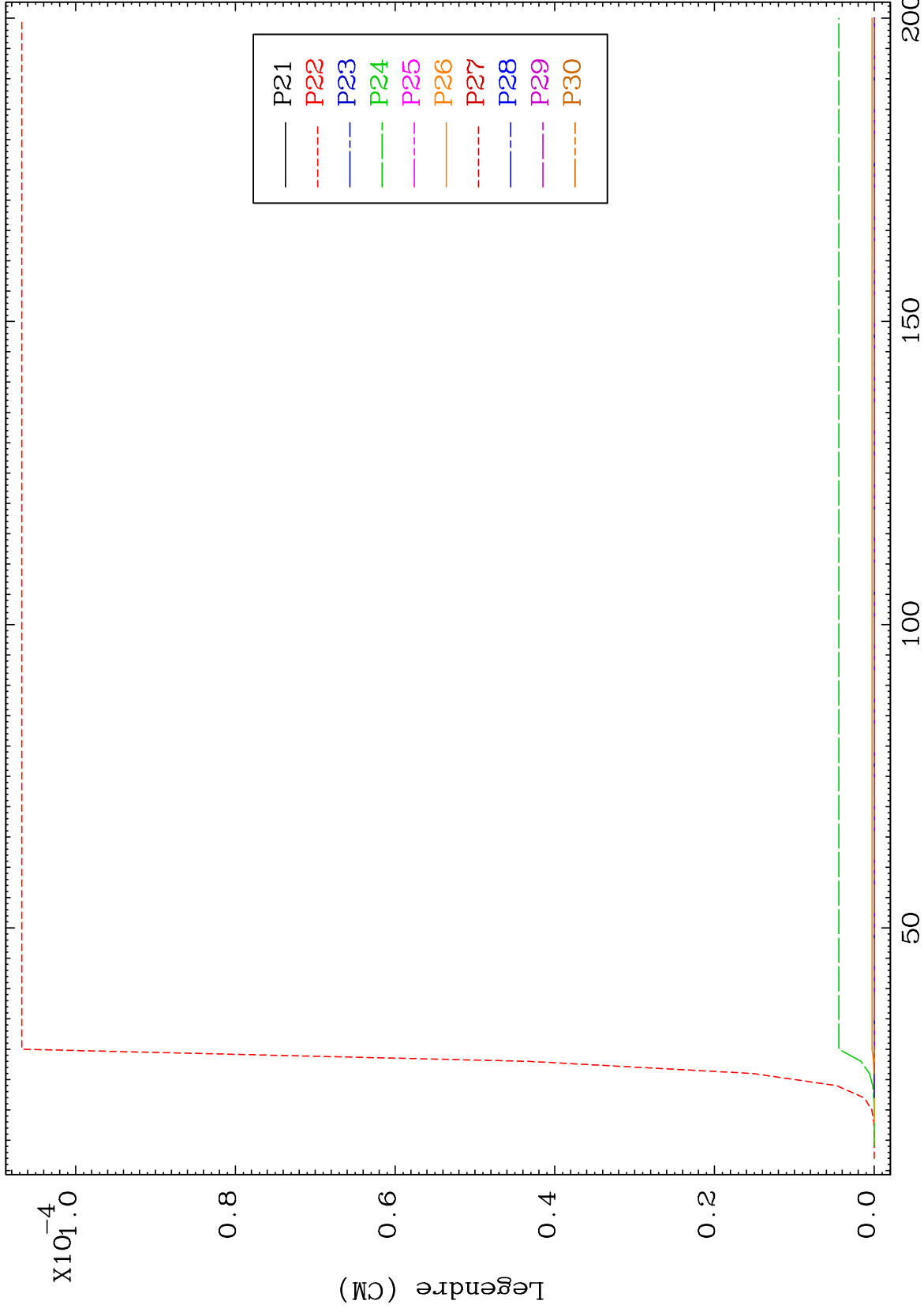
74-W -182

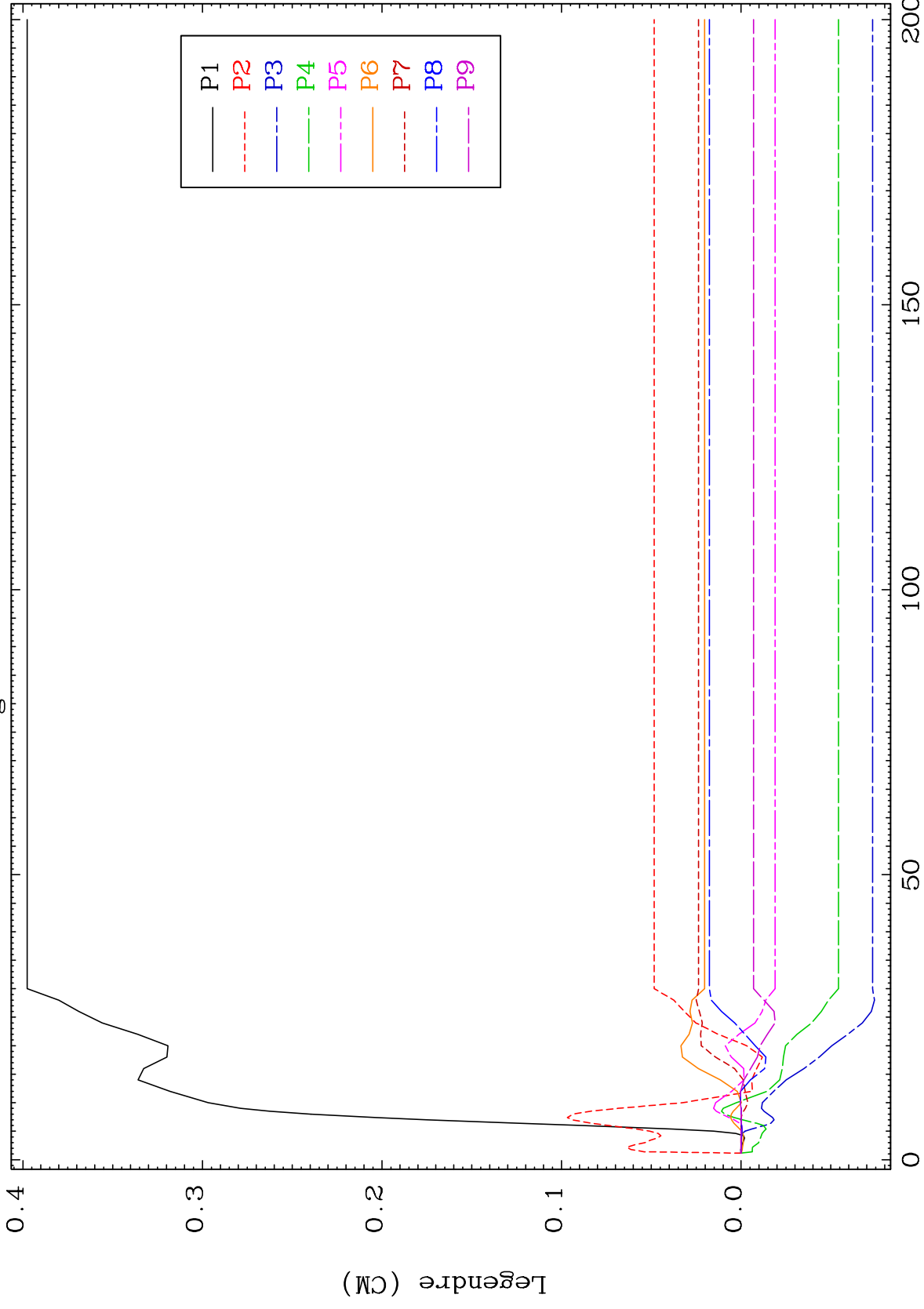


31

74-W -182



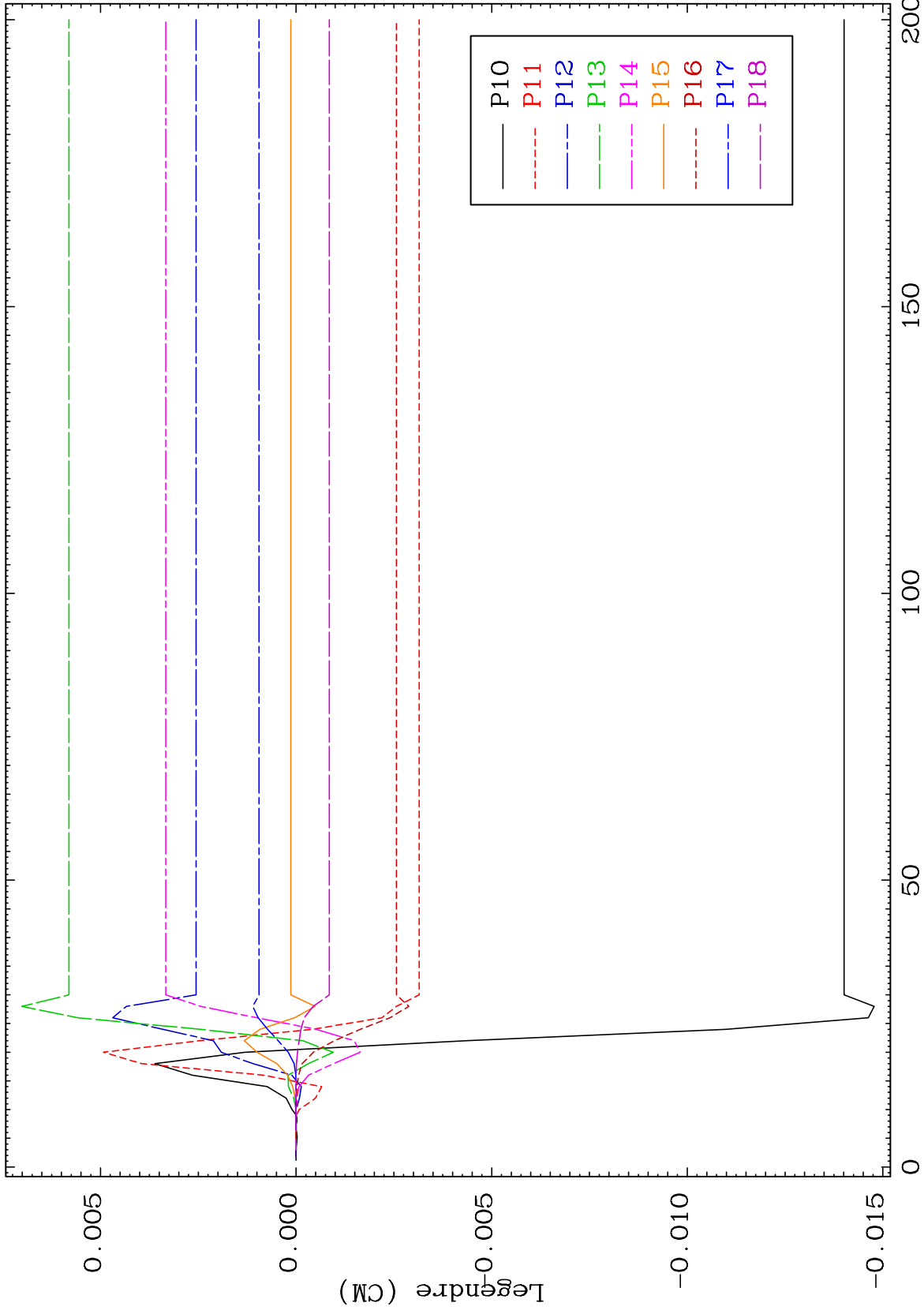




MAT 7431

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

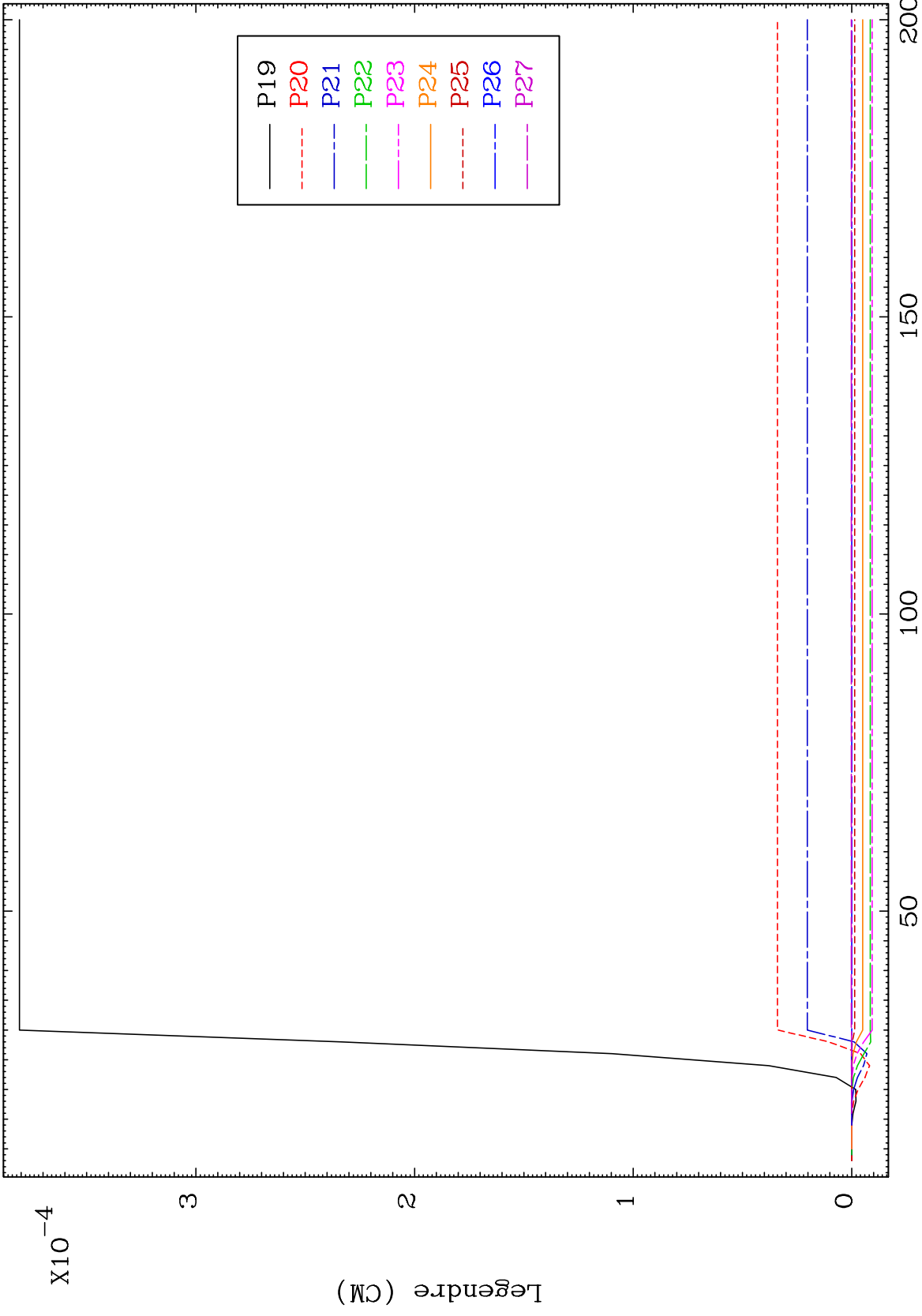
74-W -182

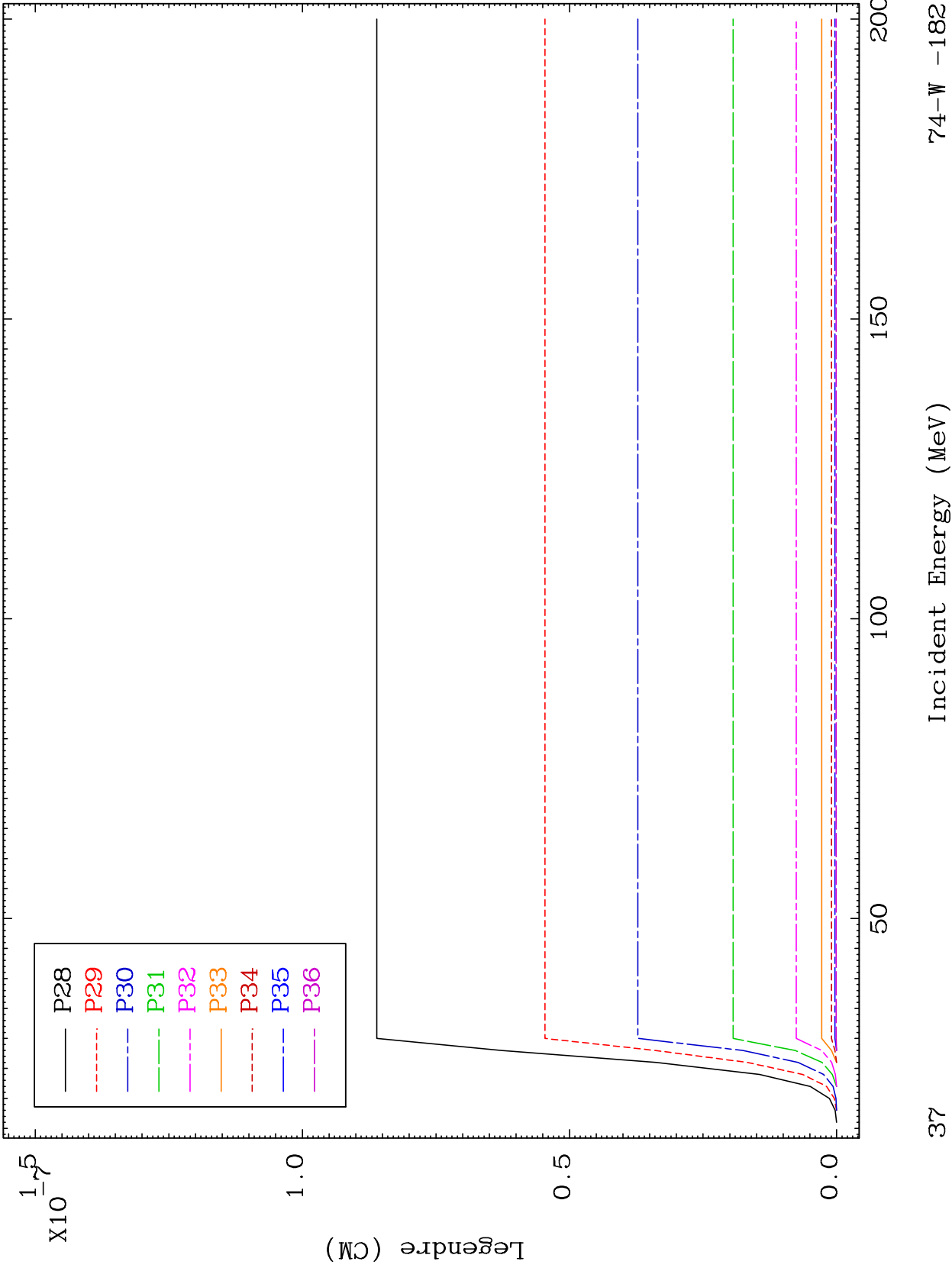


35

Incident Energy (MeV)

74-W -182

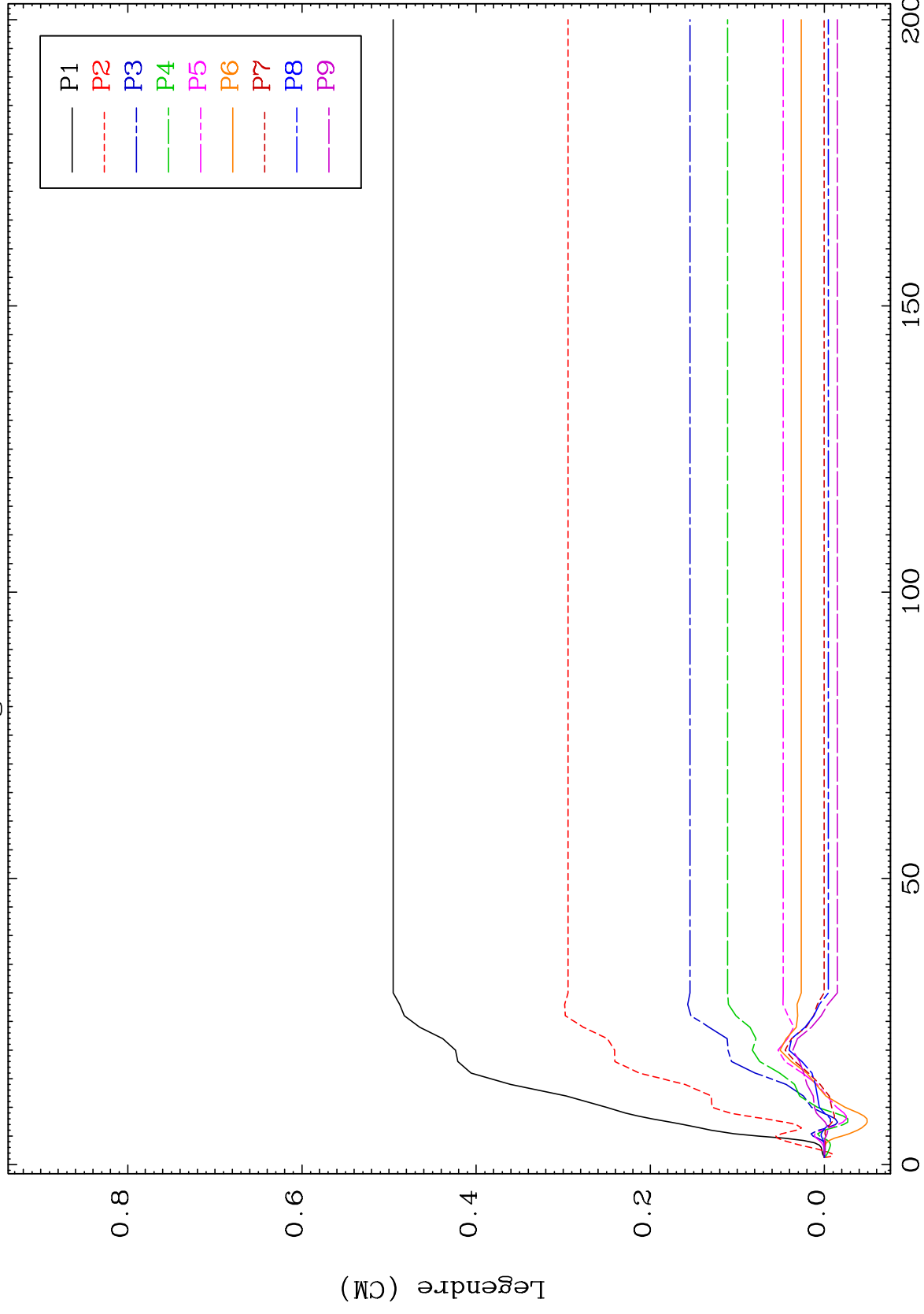




MAT 7431

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

74-W -182



38

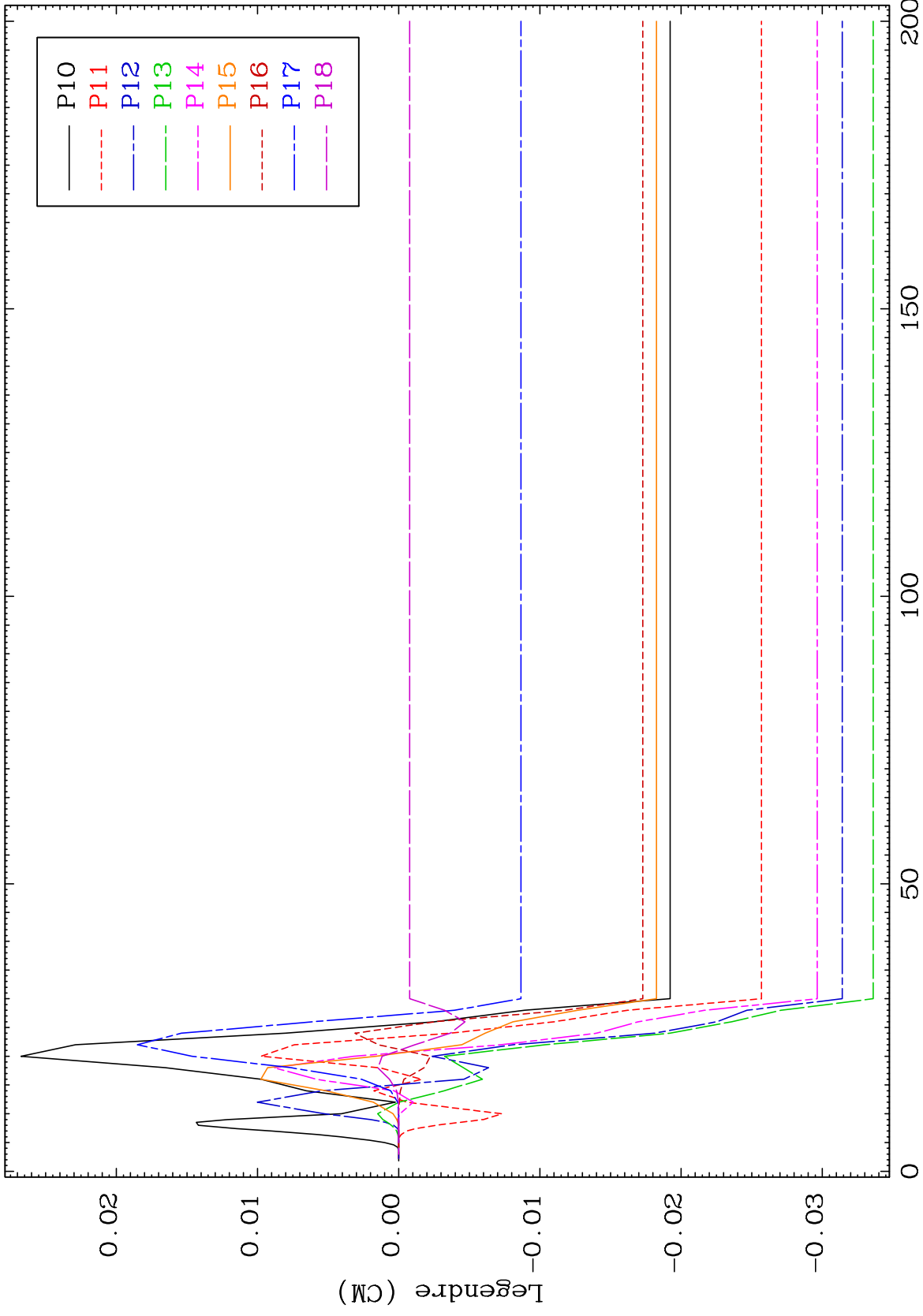
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



39

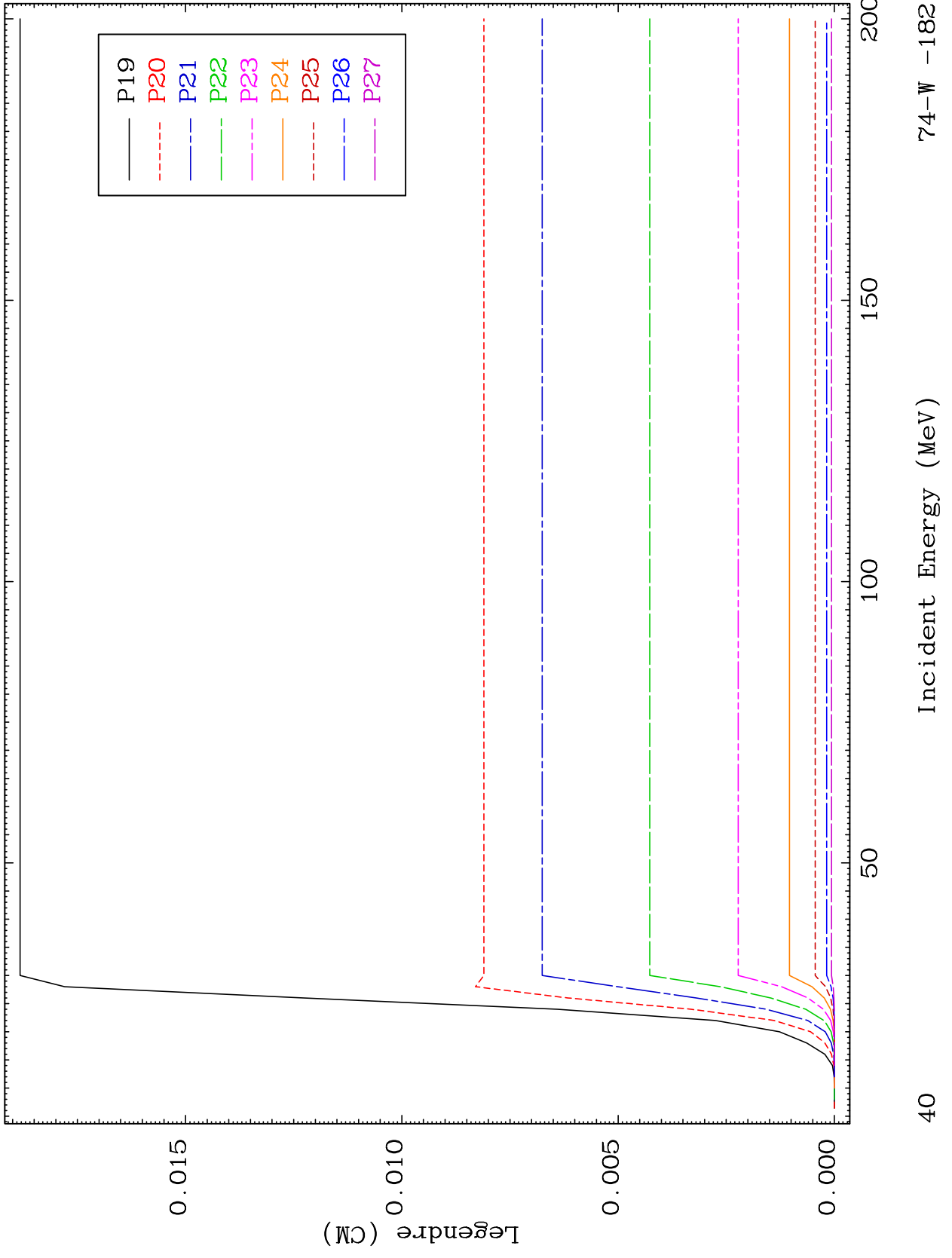
Incident Energy (MeV)

74-W -182

MAT 7431

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

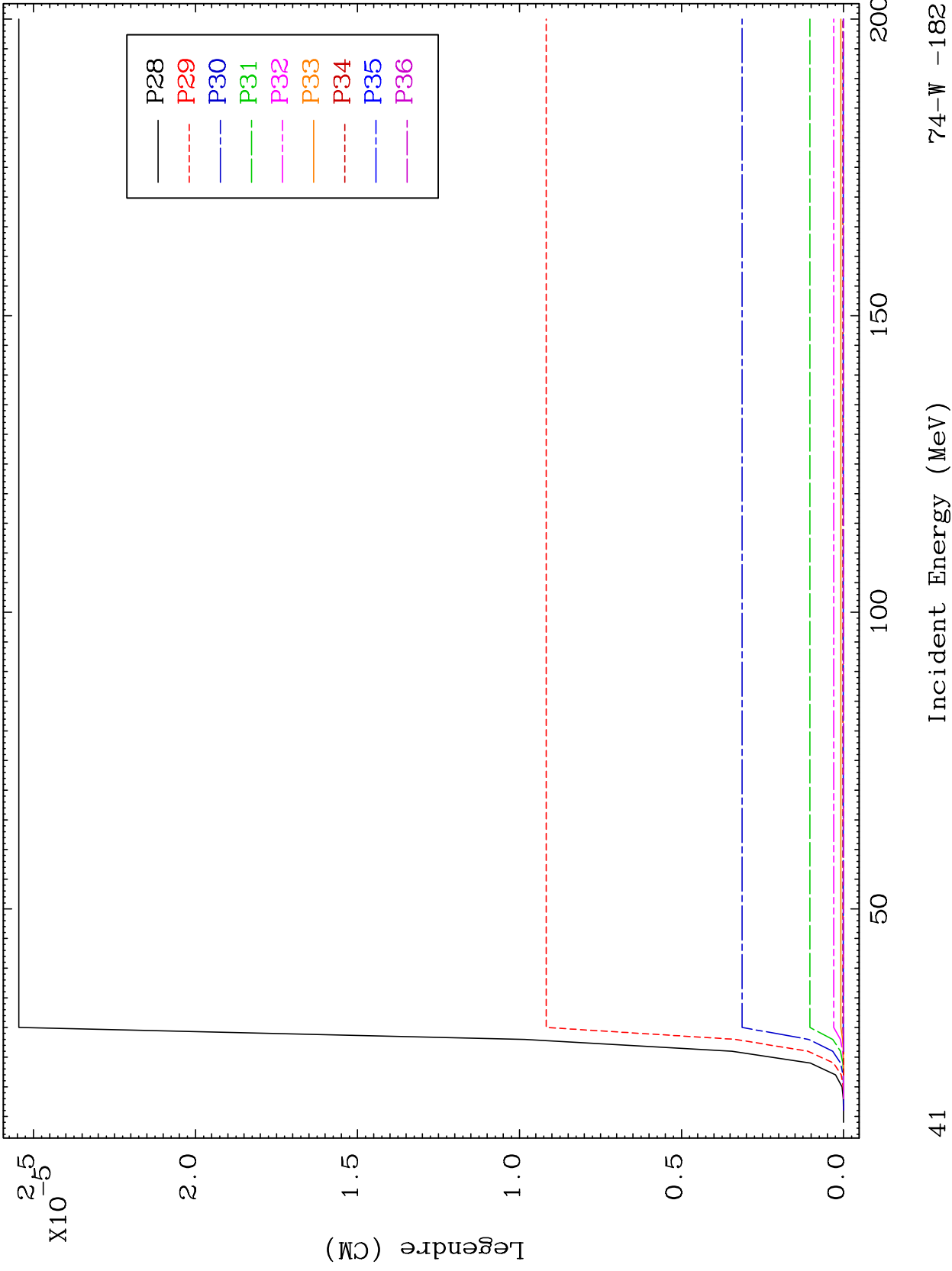
74-W -182



40

Incident Energy (MeV)

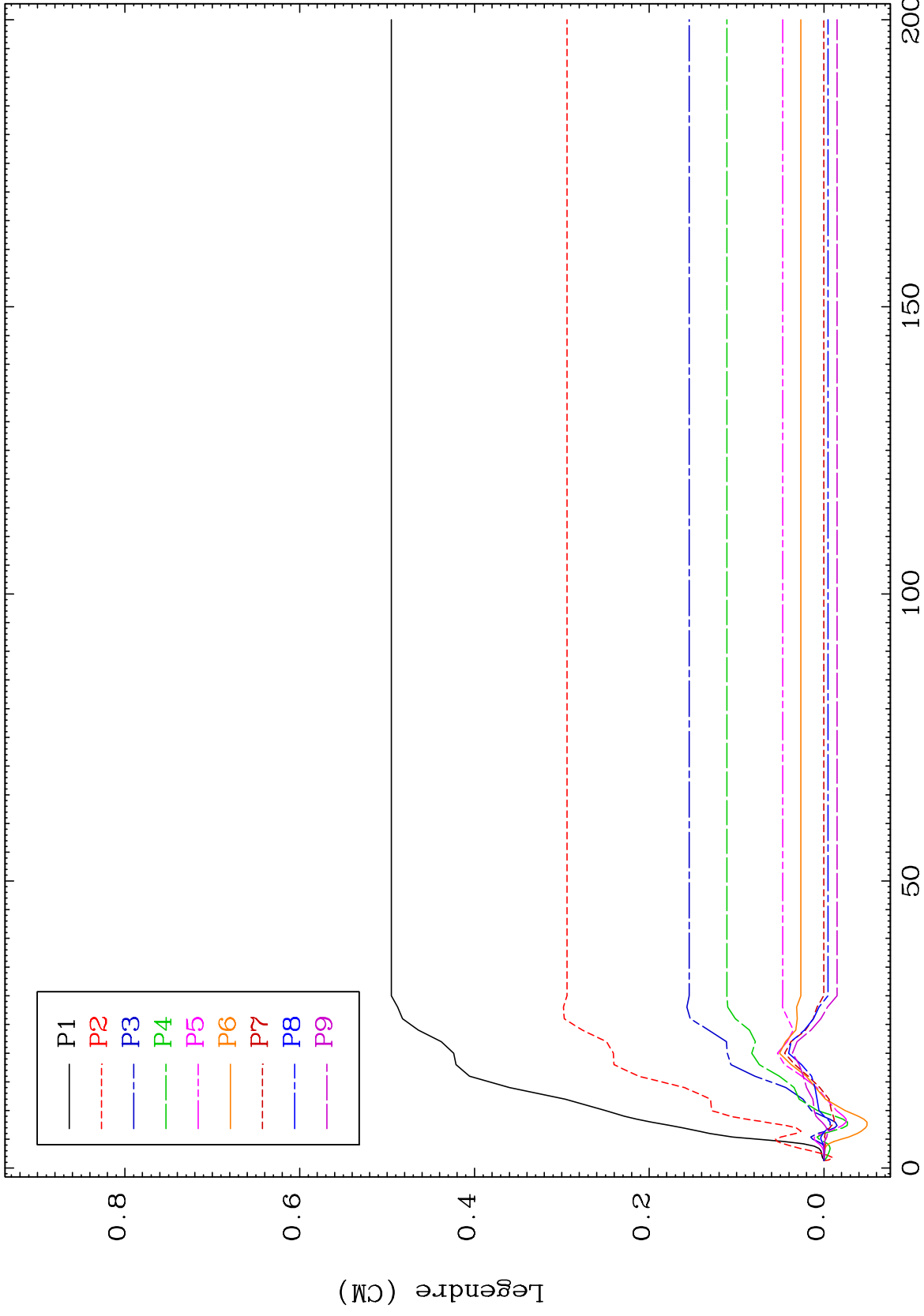
74-W -182



MAT 7431

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

74-W -182



42

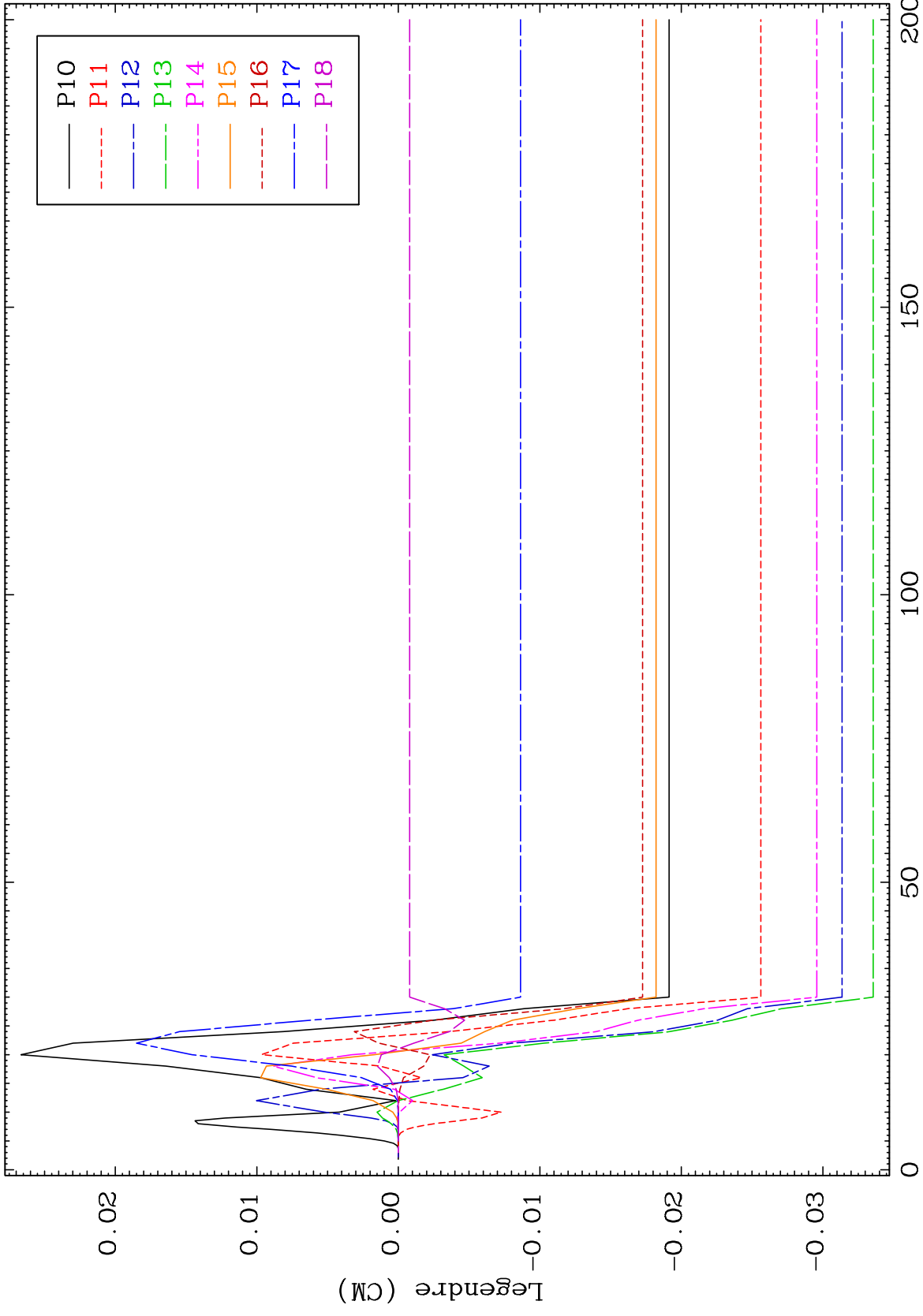
Incident Energy (MeV)

74-W -182

MAT 7431

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

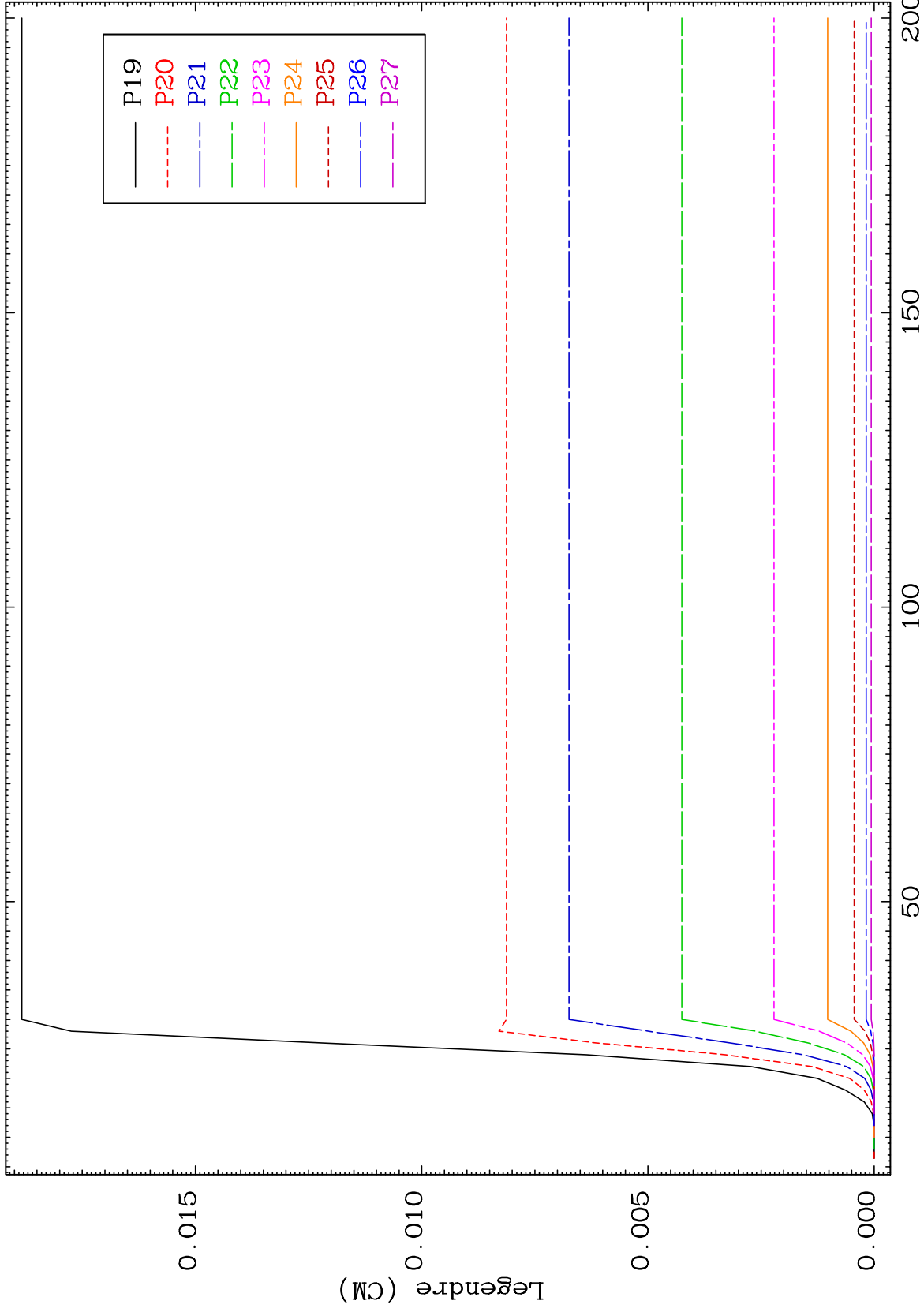
74-W -182



43

Incident Energy (MeV)

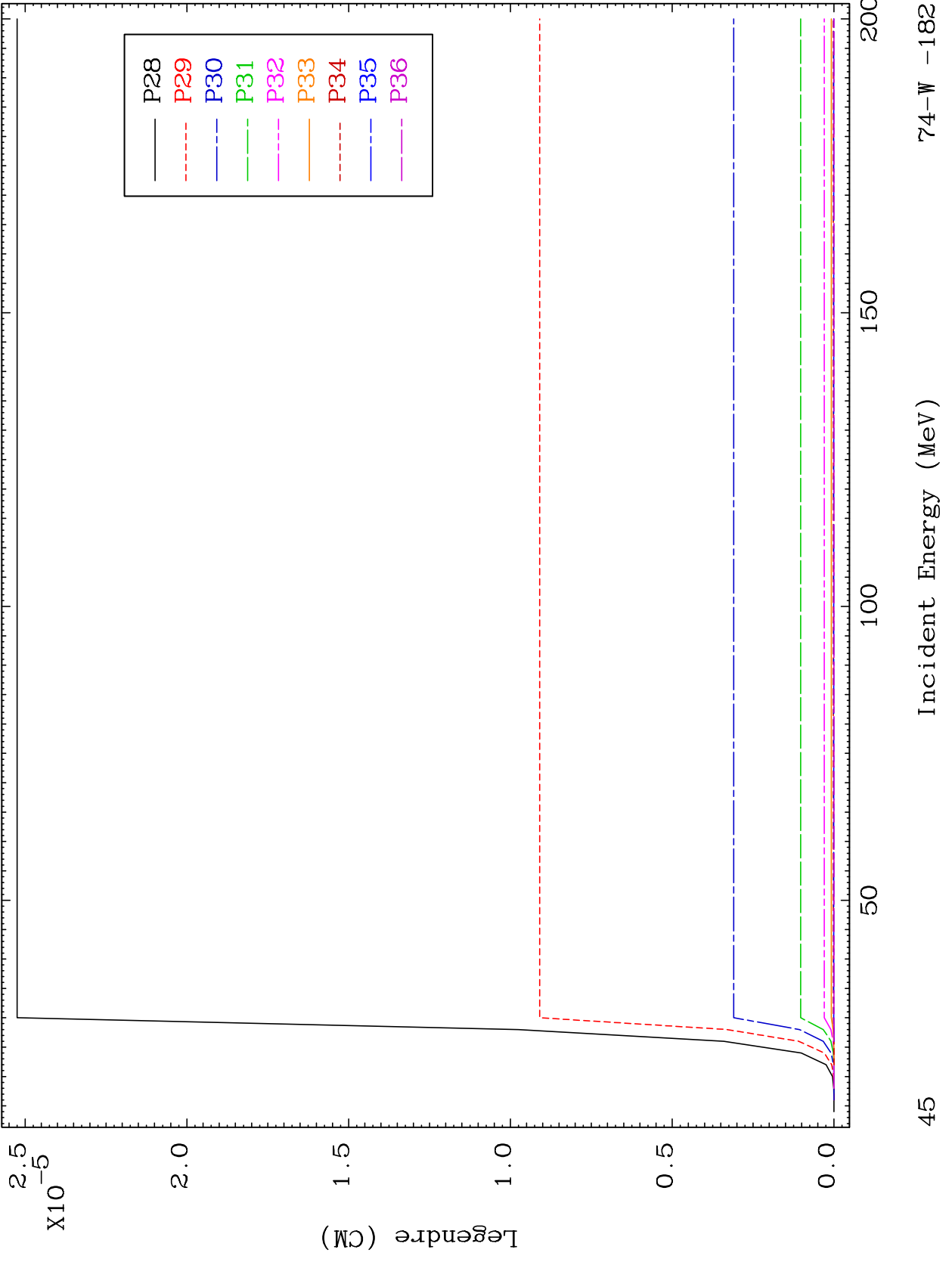
74-W -182



MAT 7431

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

74-W -182



45

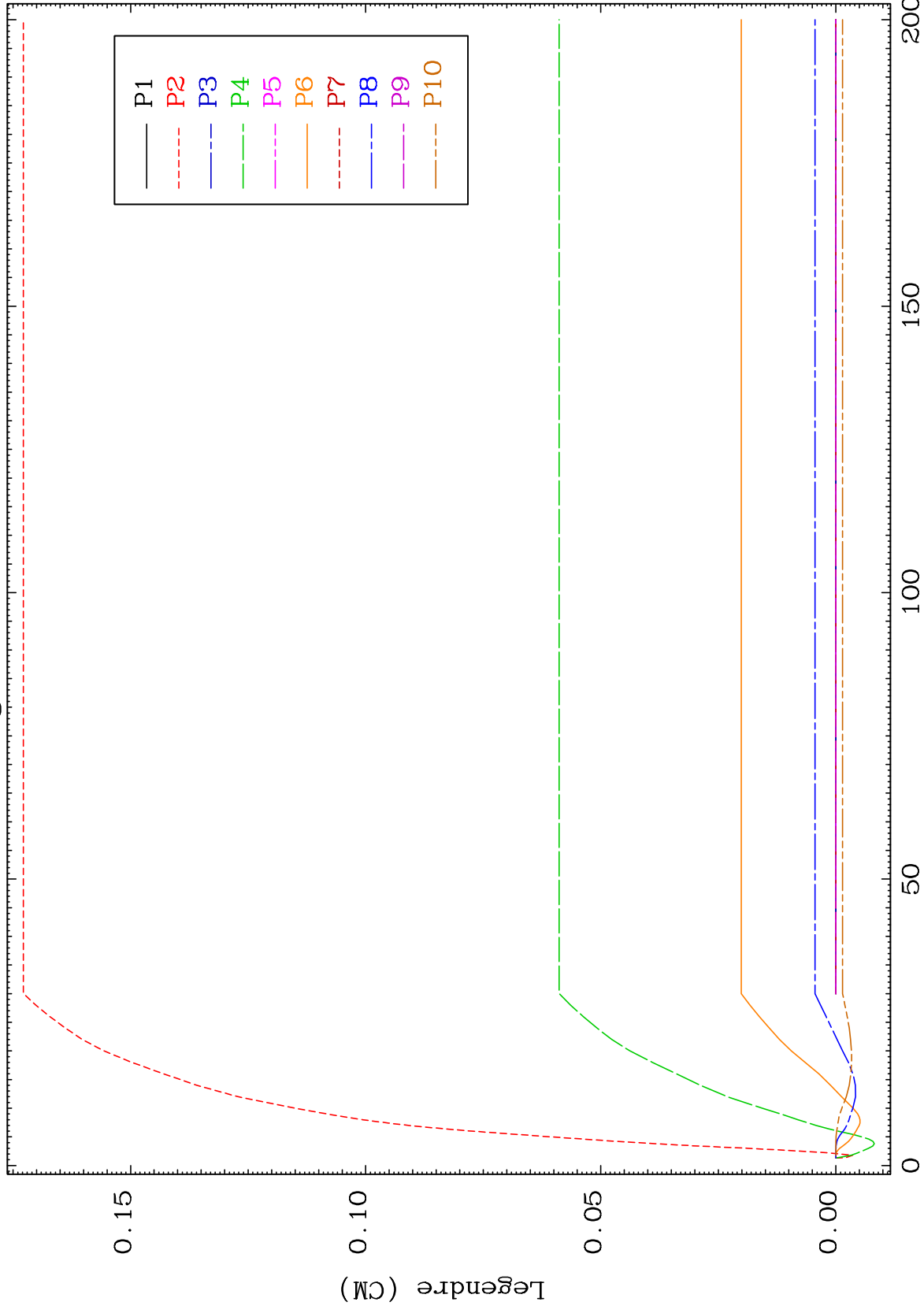
Incident Energy (MeV)

74-W -182

MAT 7431

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

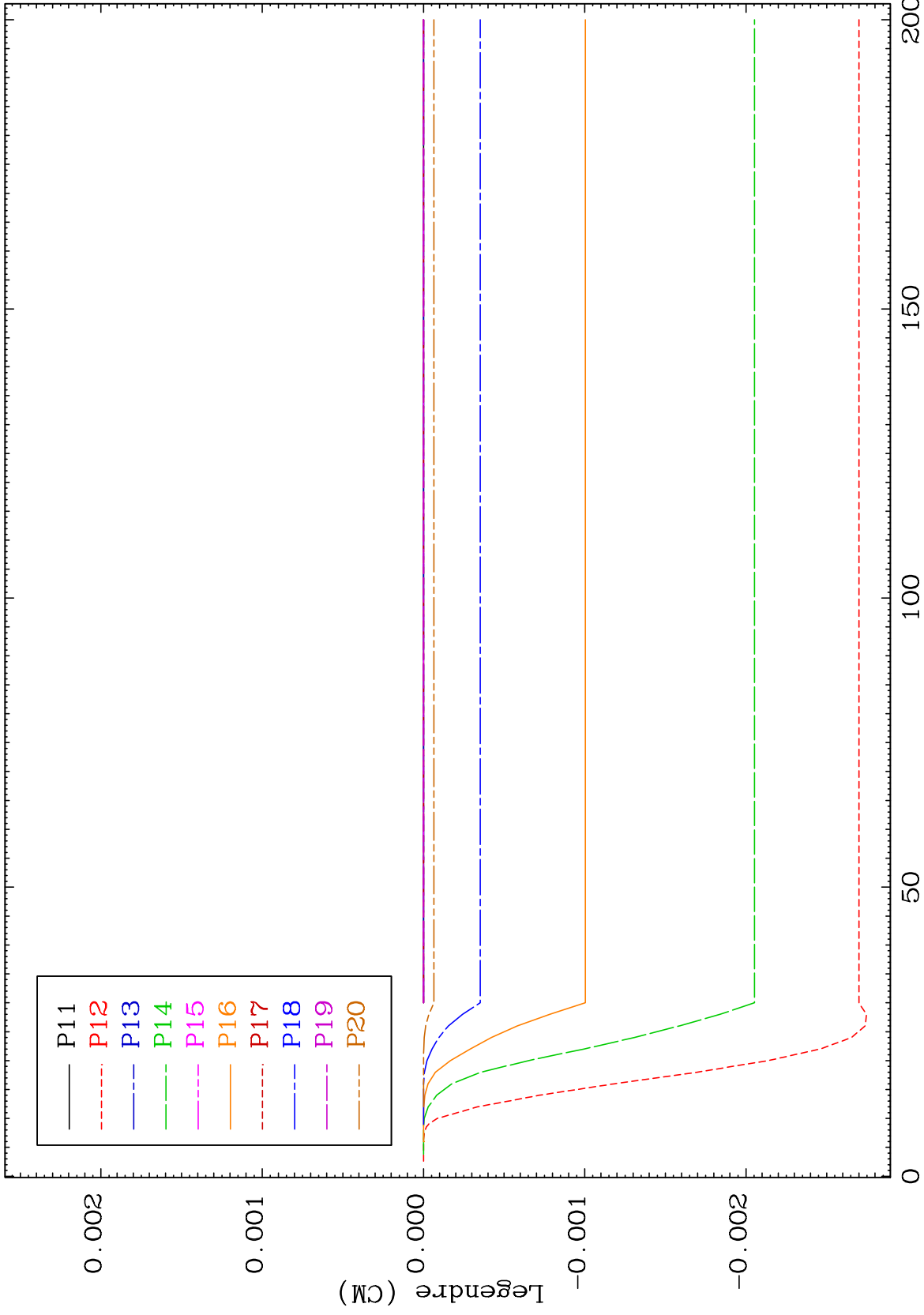
74-W -182



46

Incident Energy (MeV)

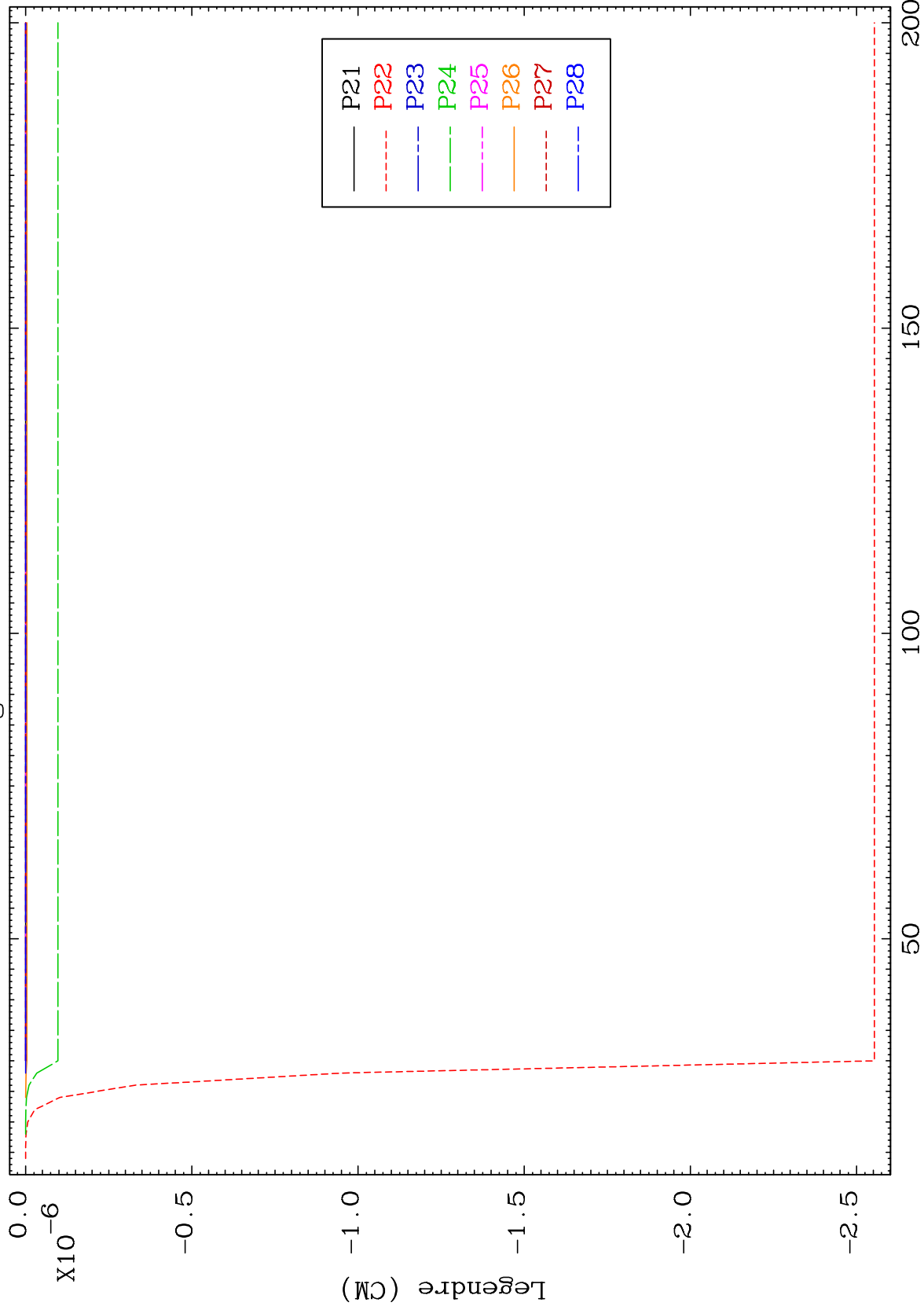
74-W -182



MAT 7431

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

74-W -182



74-W -182

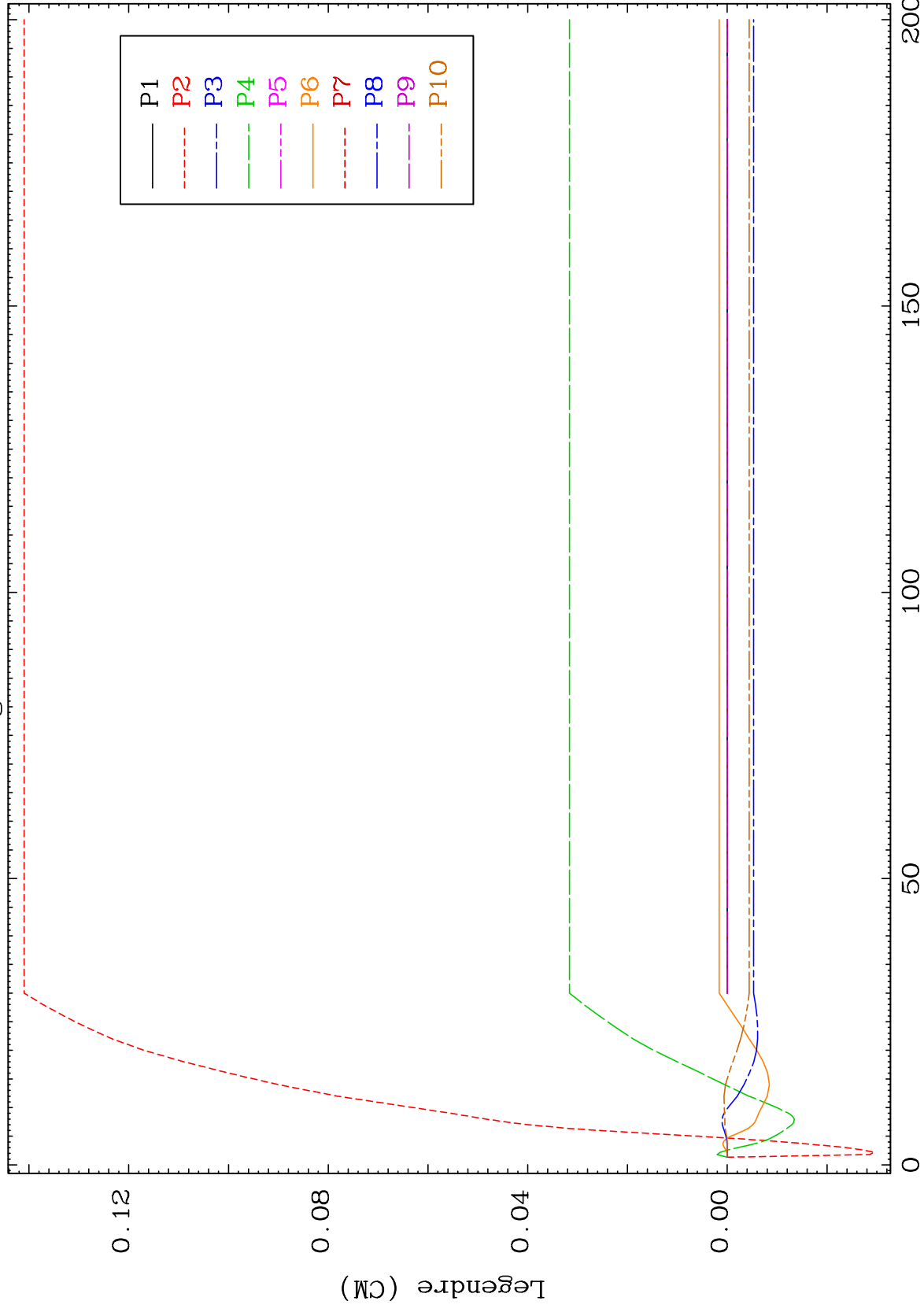
Incident Energy (MeV)

48

MAT 7431

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

74-W -182



49

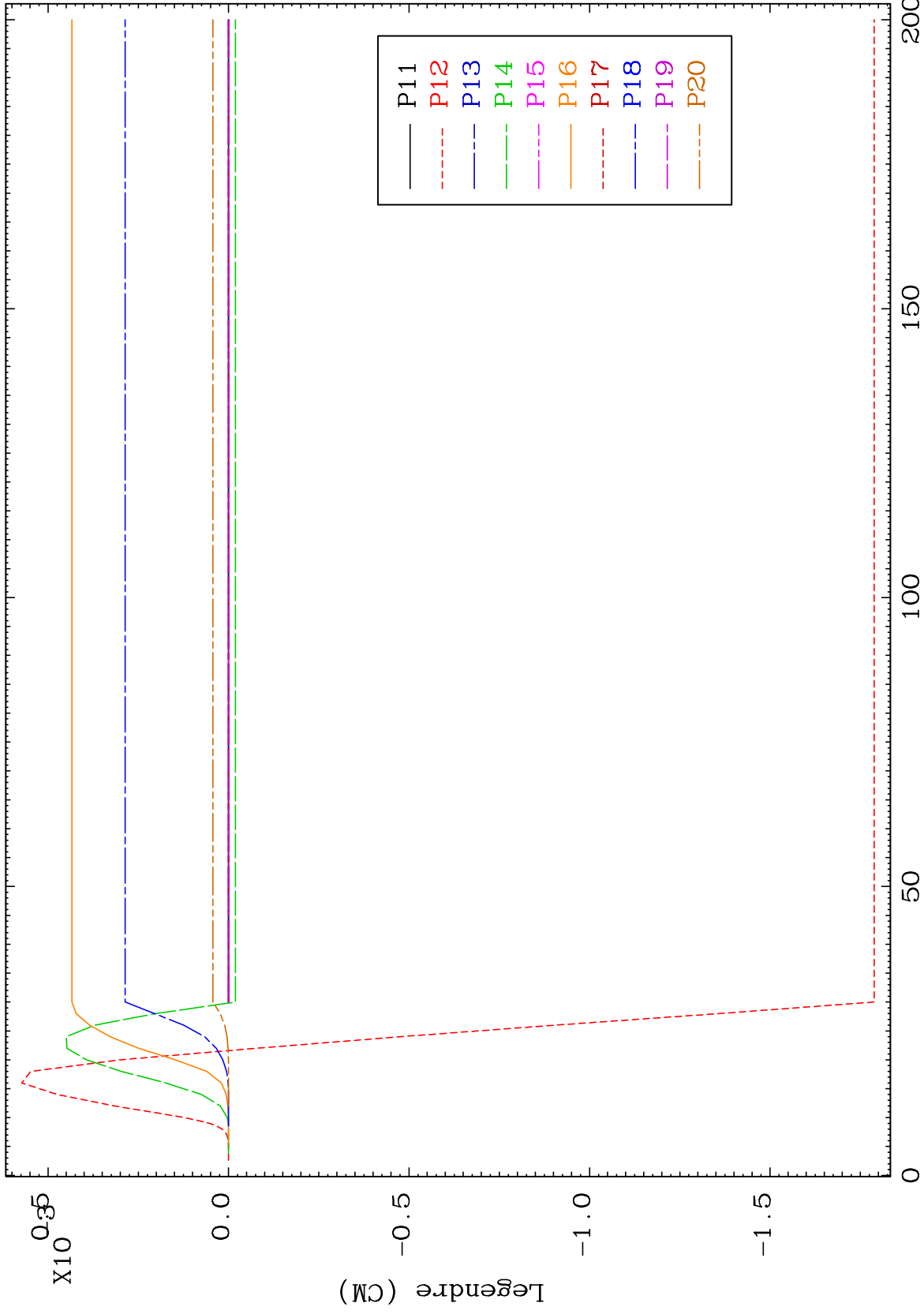
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



50

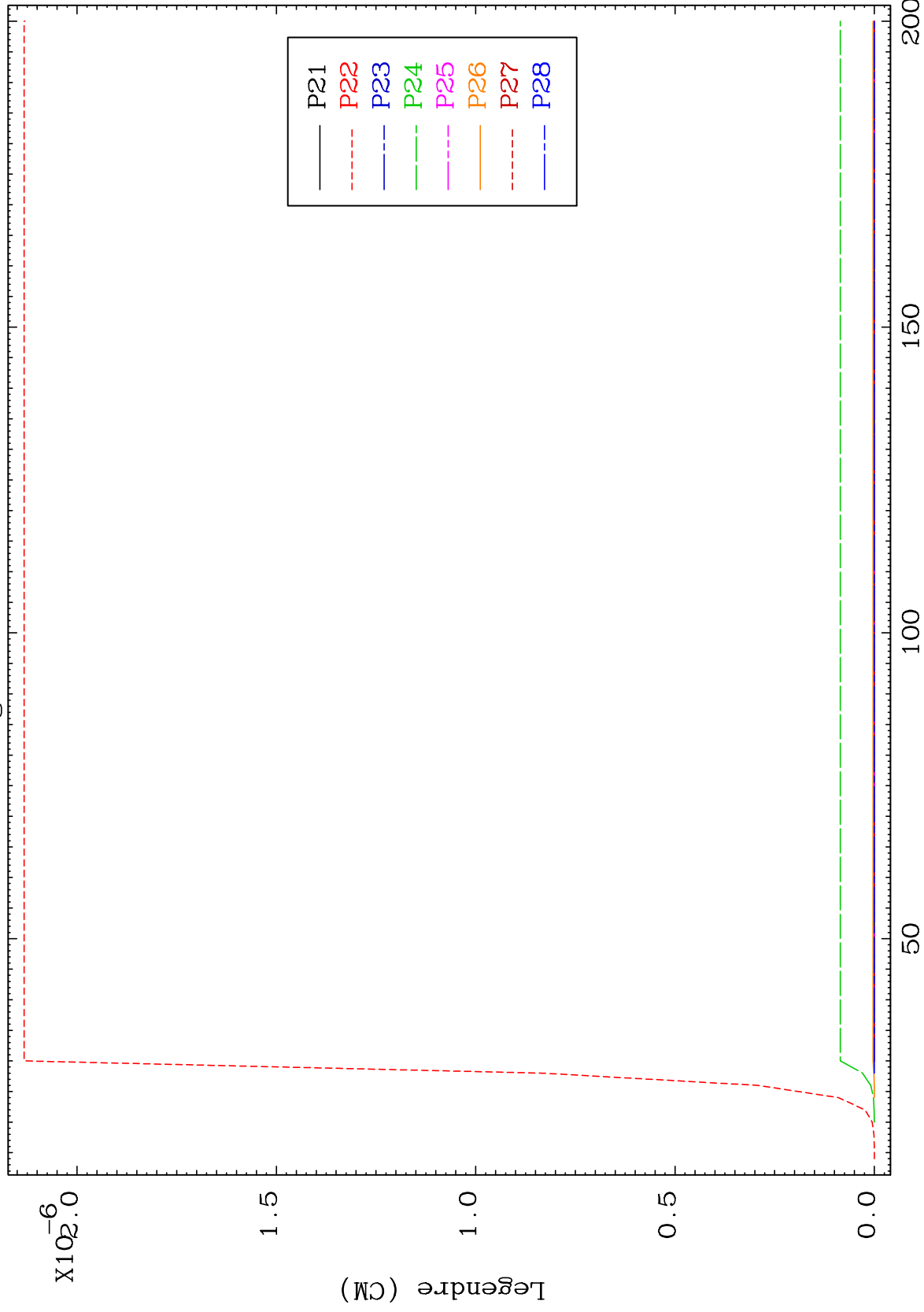
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



51

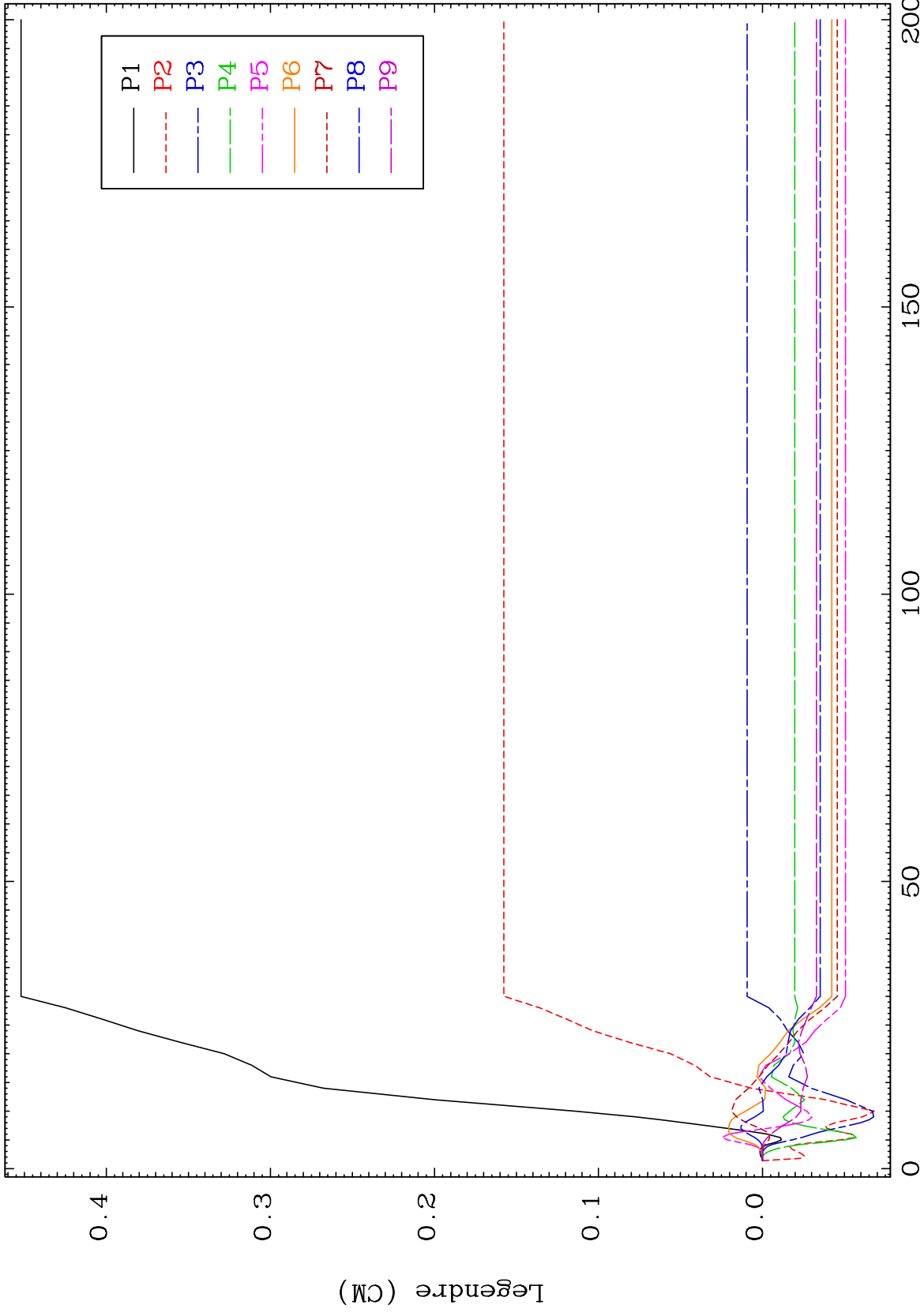
Incident Energy (MeV)

74-W -182

MAT 7431

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

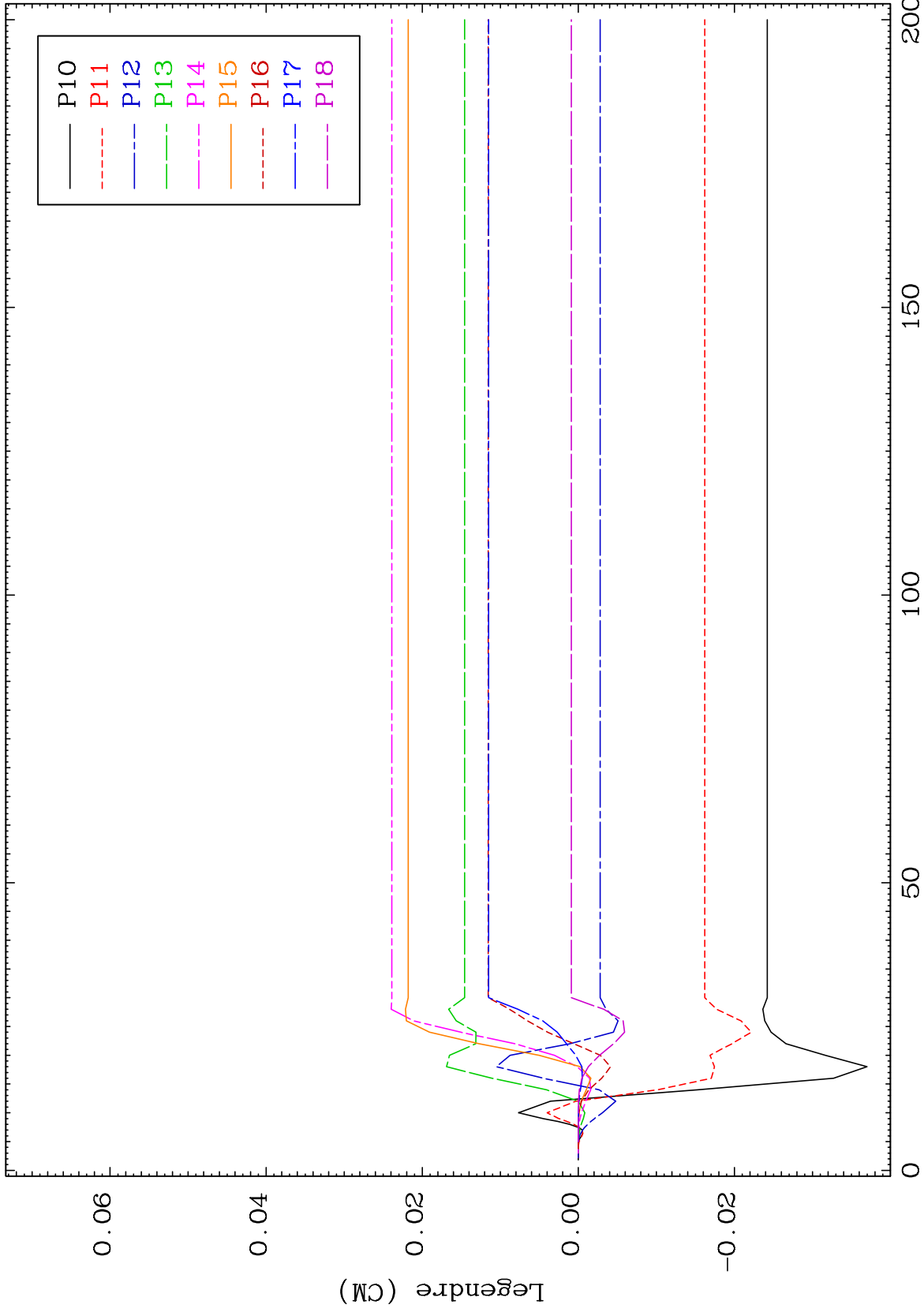
74-W -182

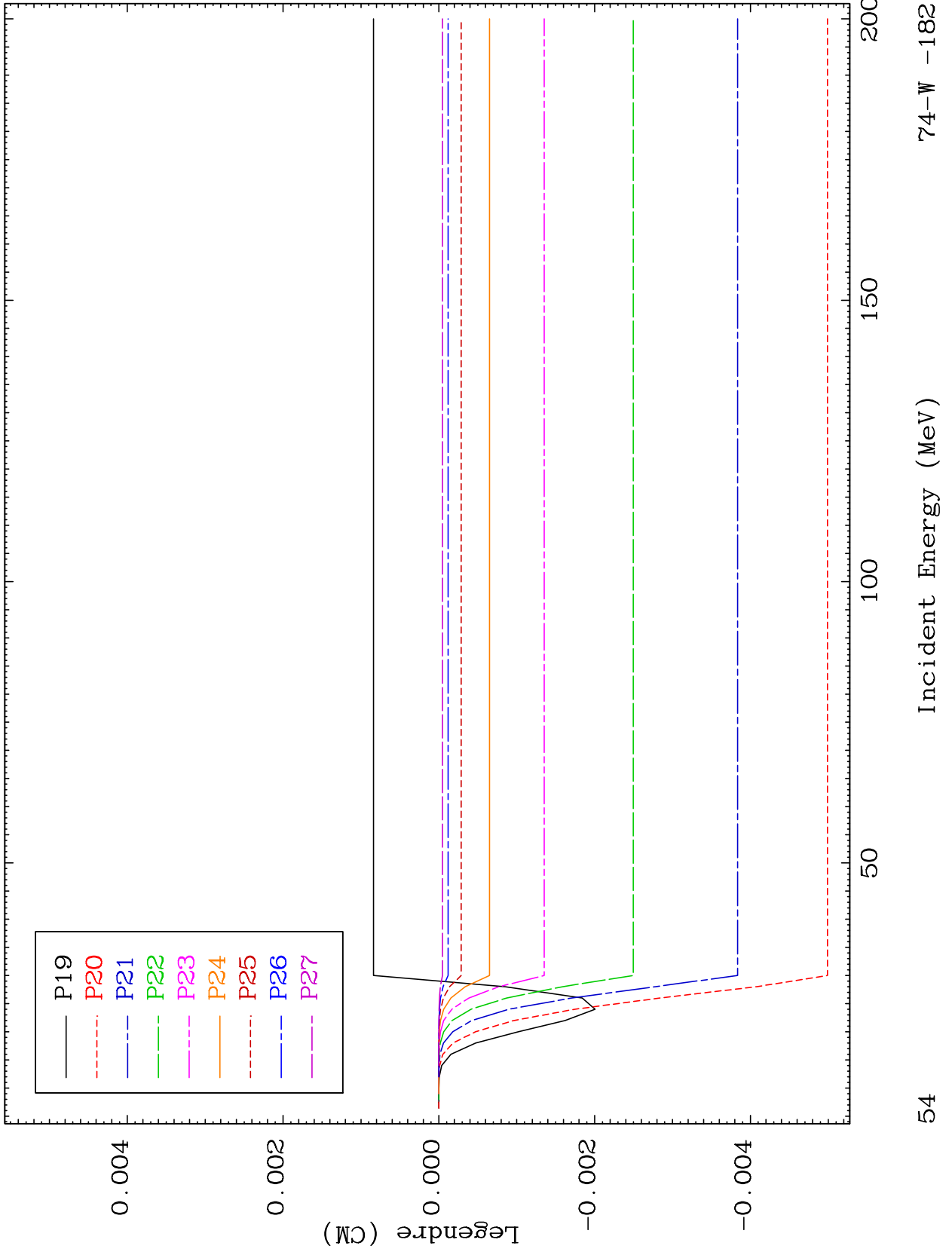


52

Incident Energy (MeV)

74-W -182

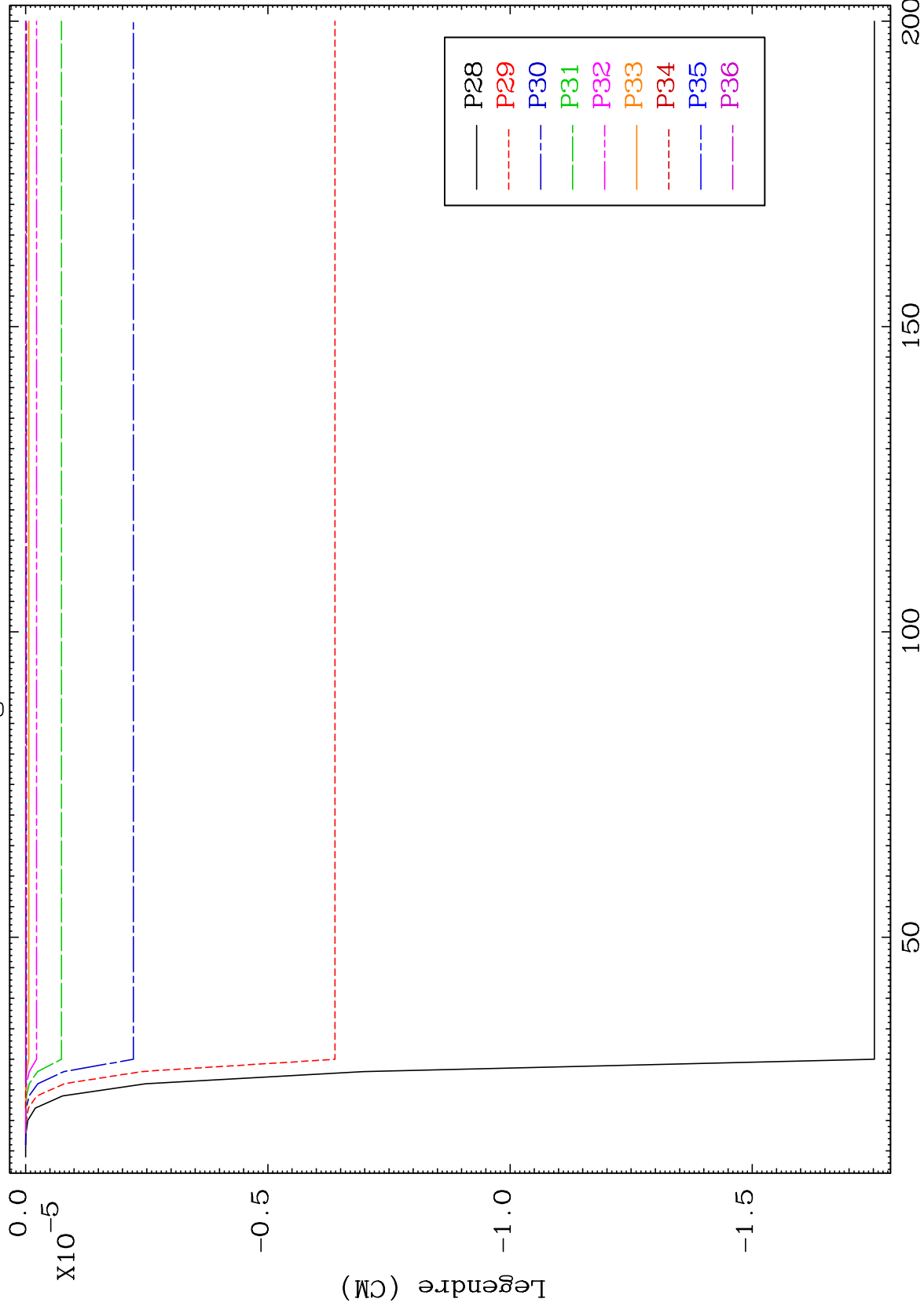




MAT 7431

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

74-W -182



55

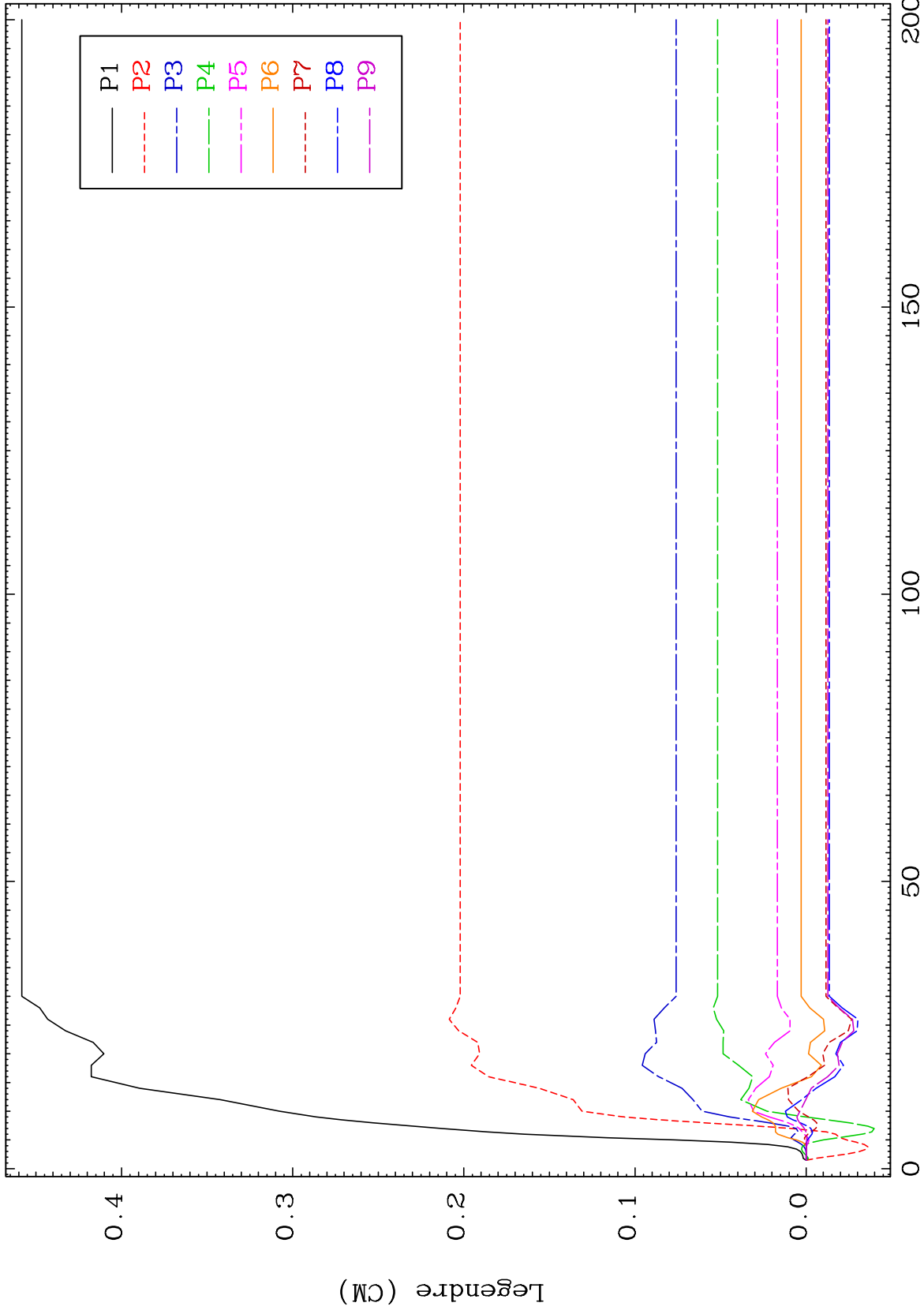
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



56

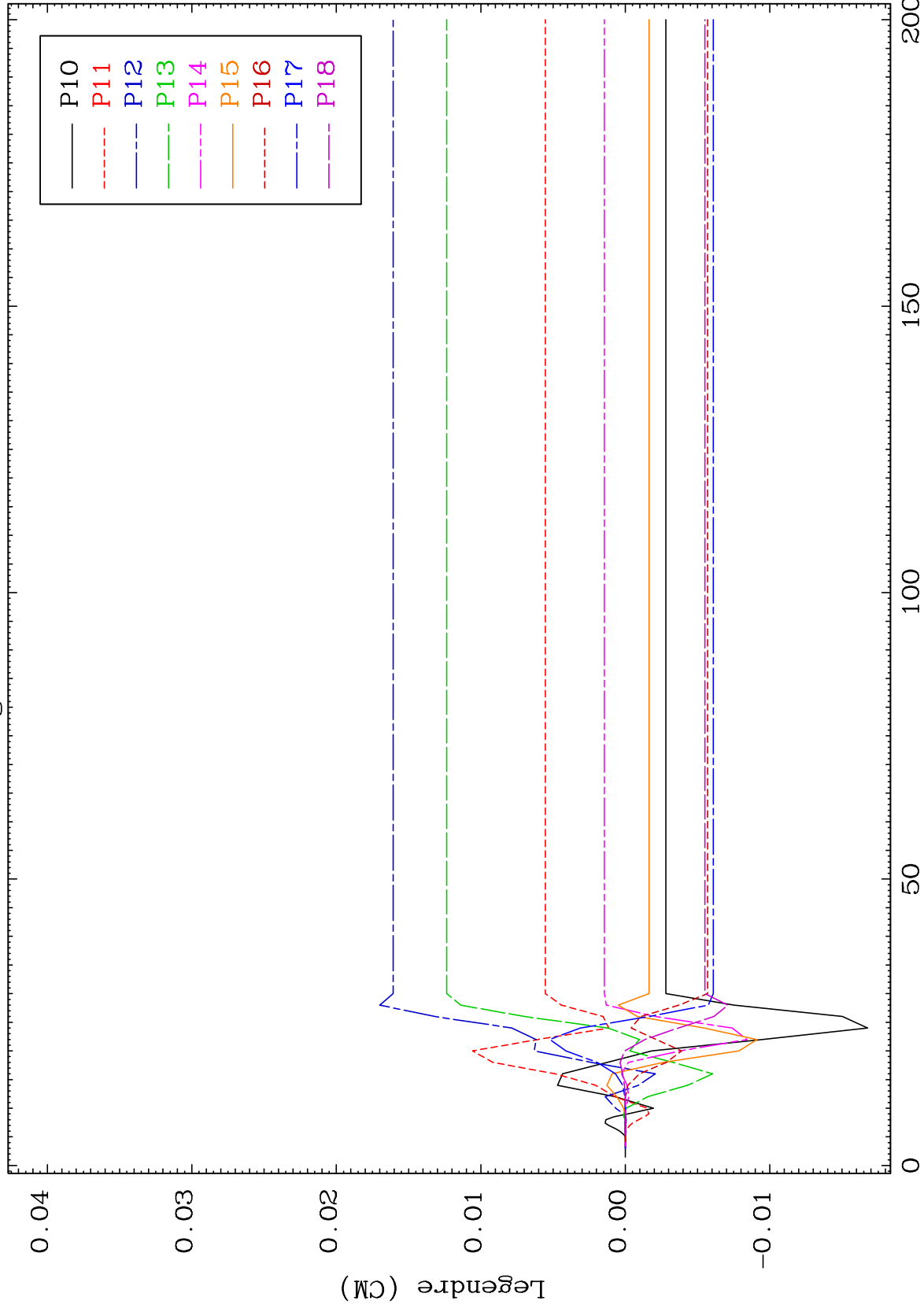
Incident Energy (MeV)

74-W -182

MAT 7431

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

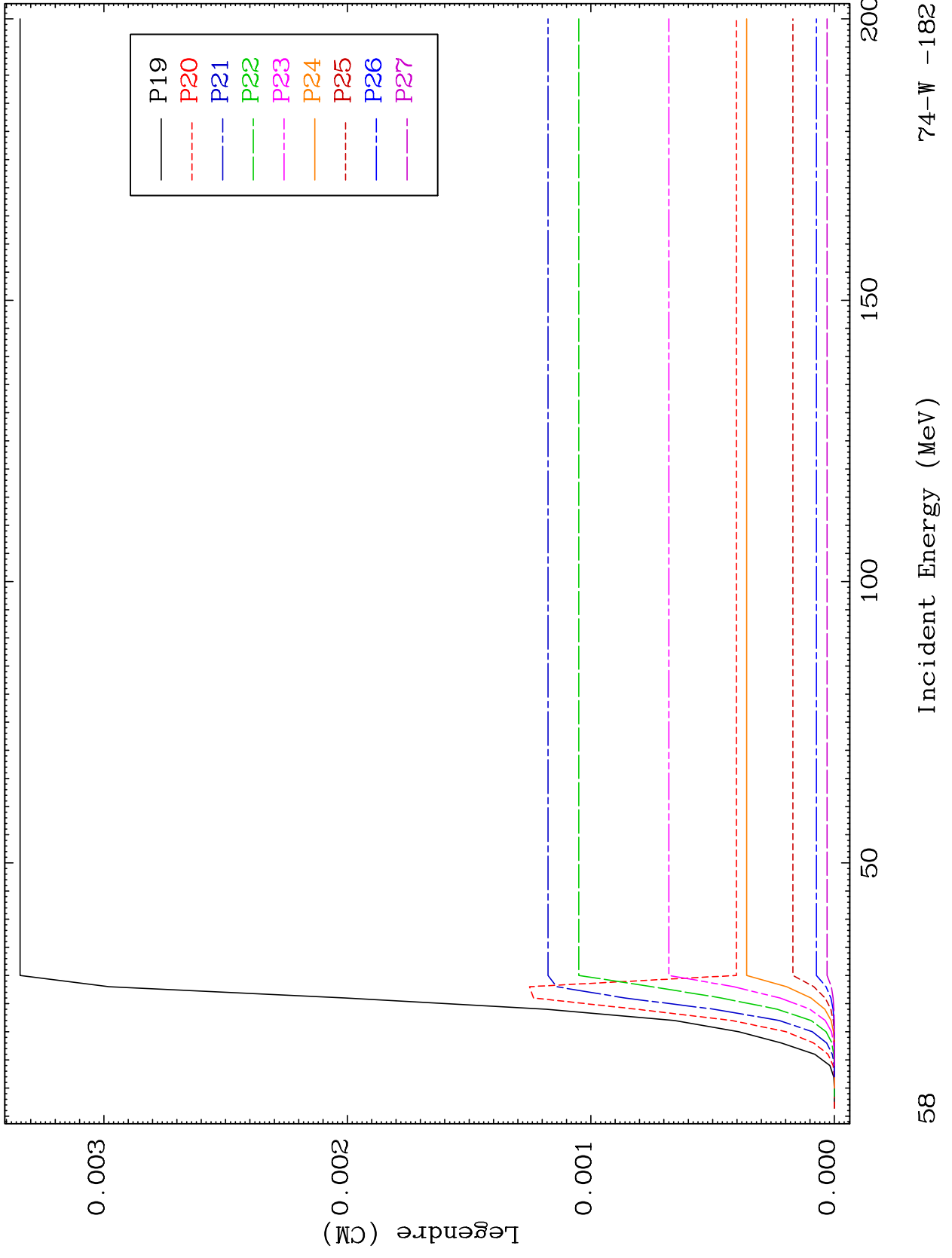
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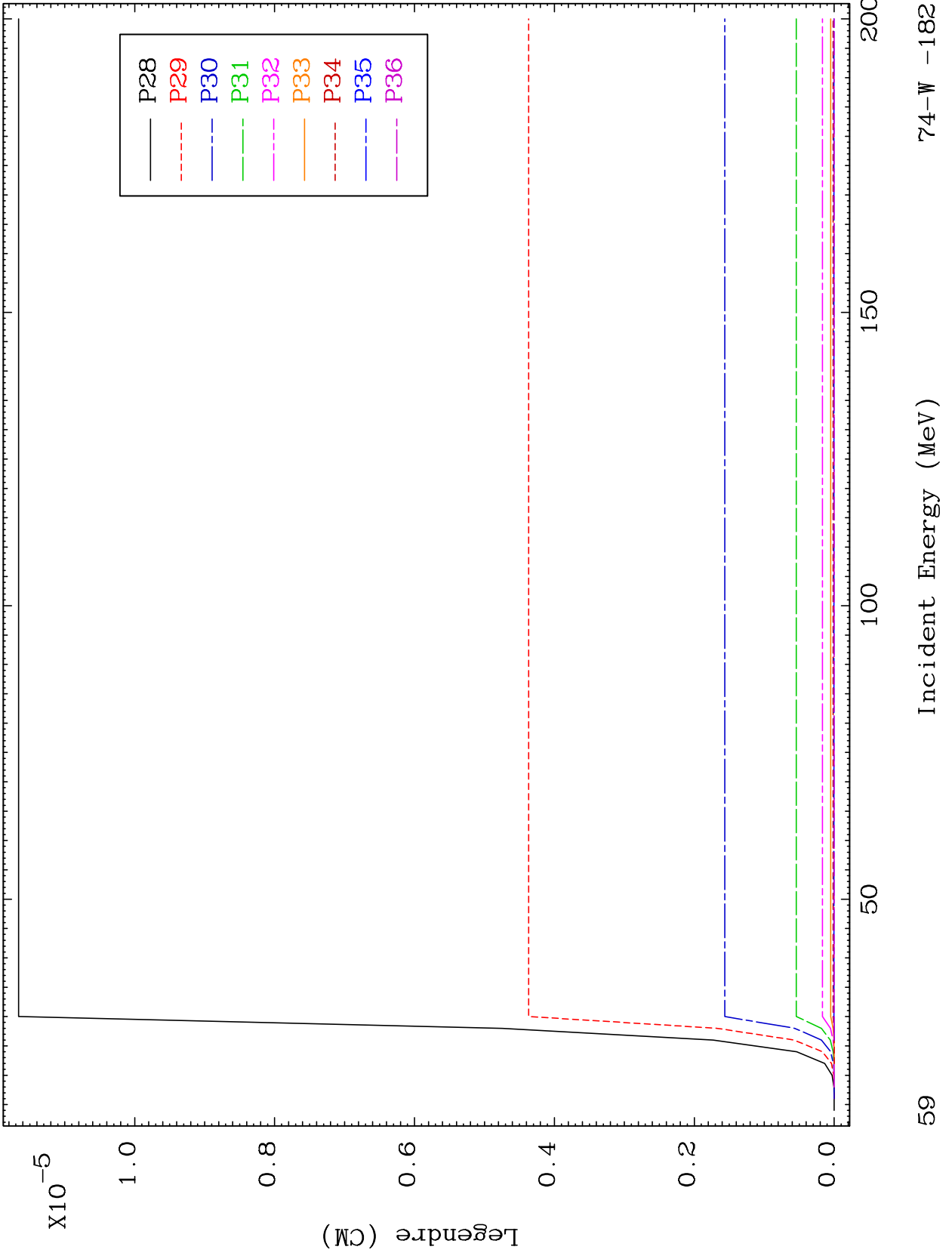


57

Incident Energy (MeV)

74-W -182

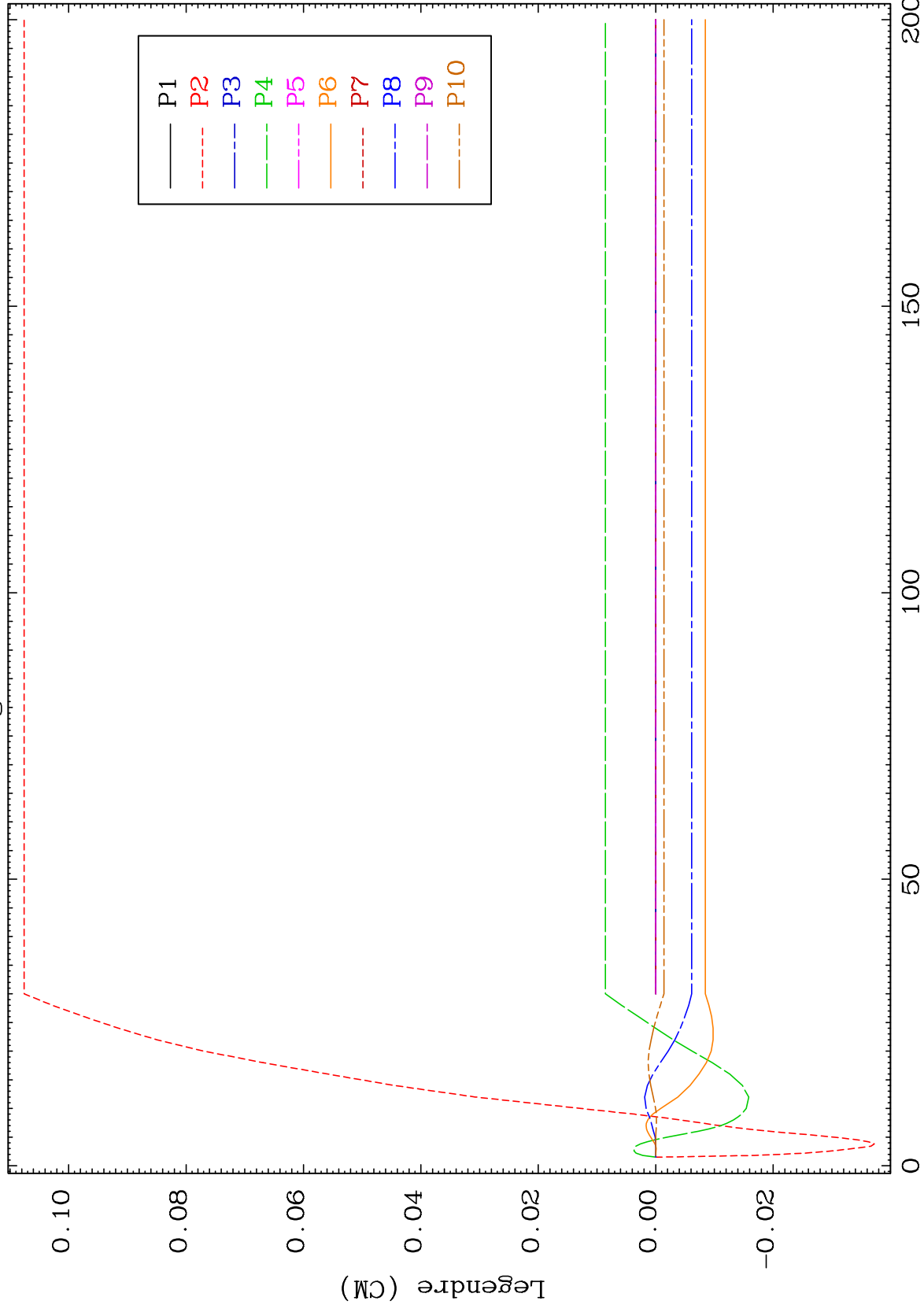




MAT 7431

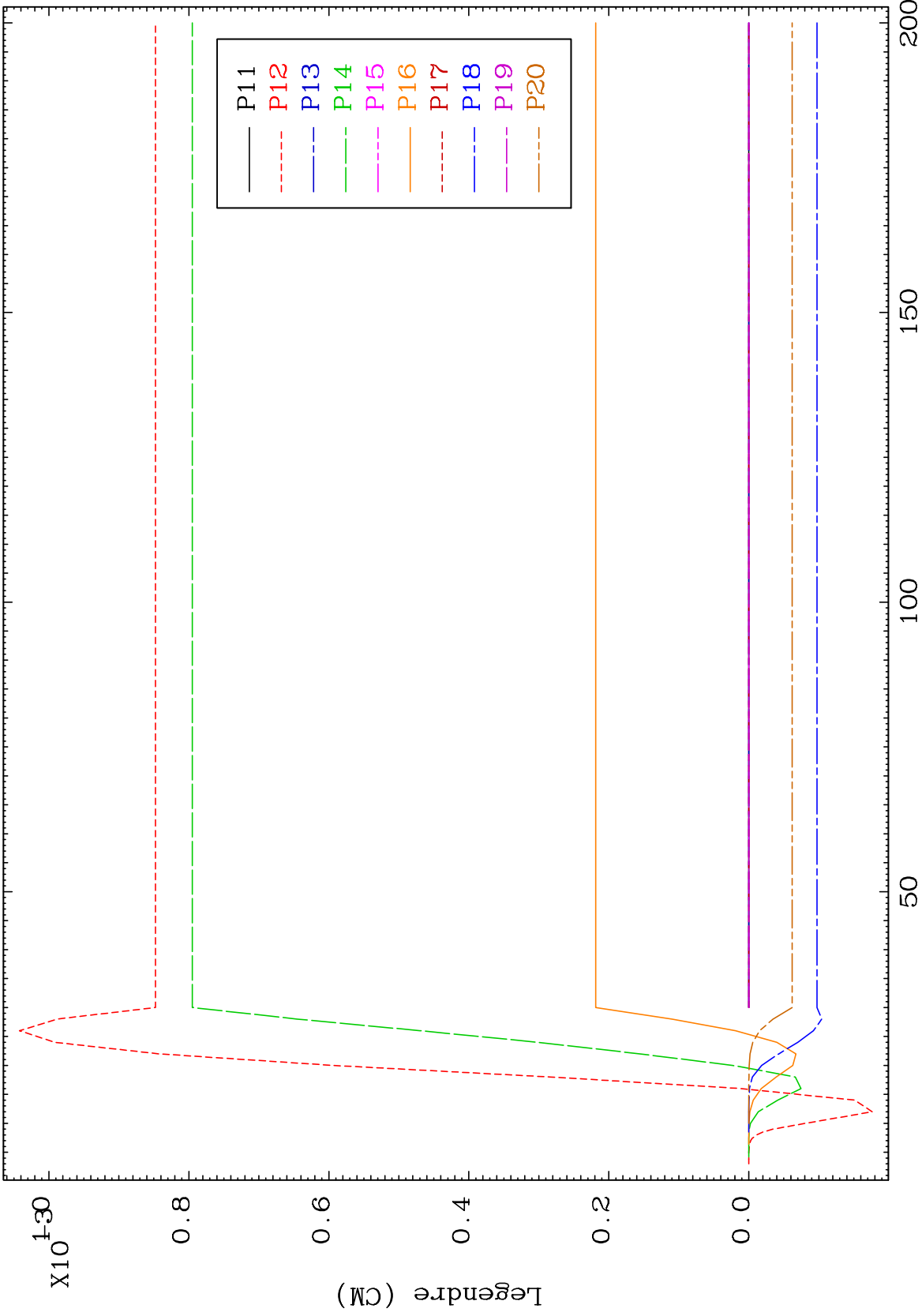
MT= 62 (n,n') Level  
Legendre Coefficients

74-W -182



Incident Energy (MeV)

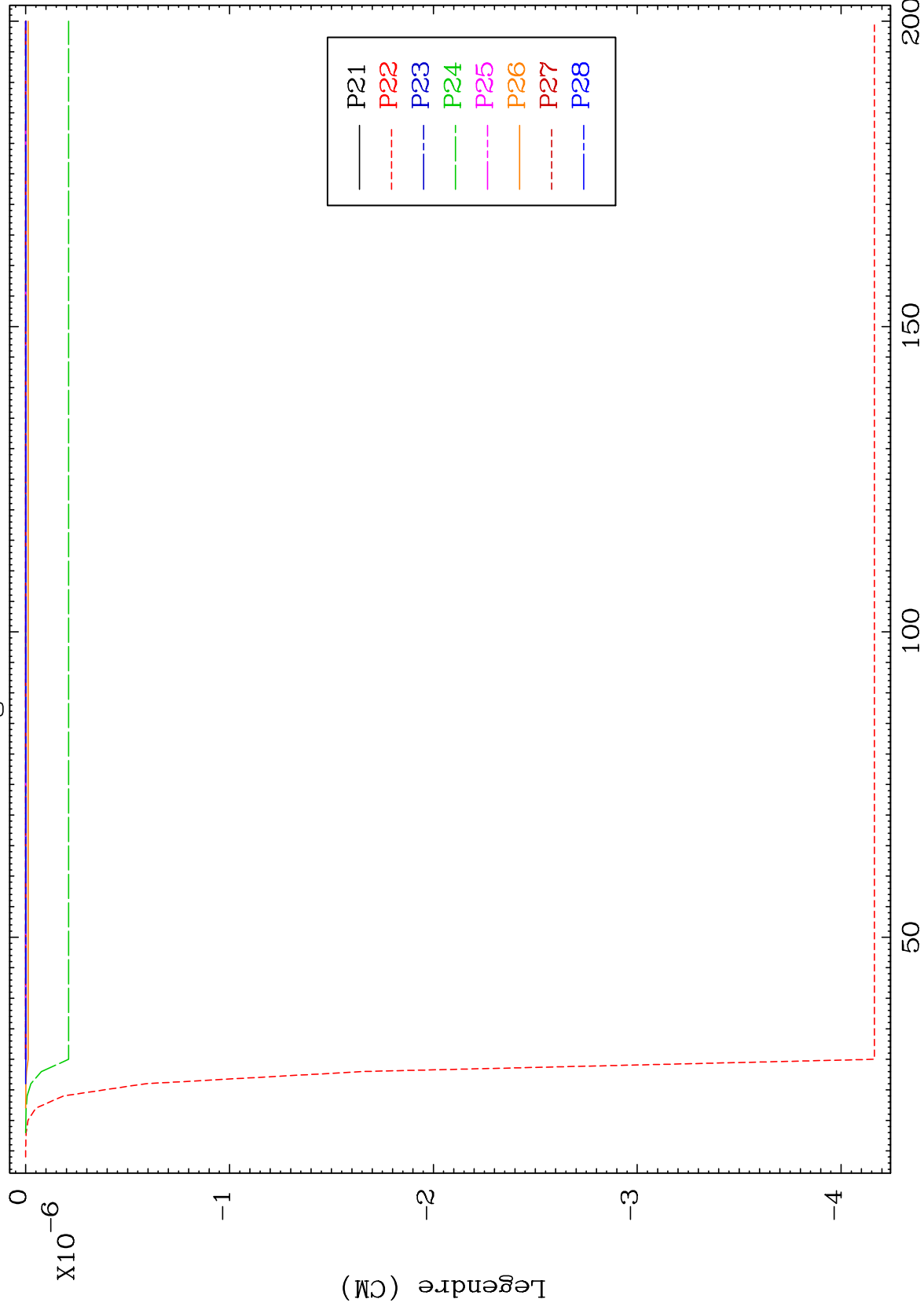
74-W -182



MAT 7431

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

74-W -182



62

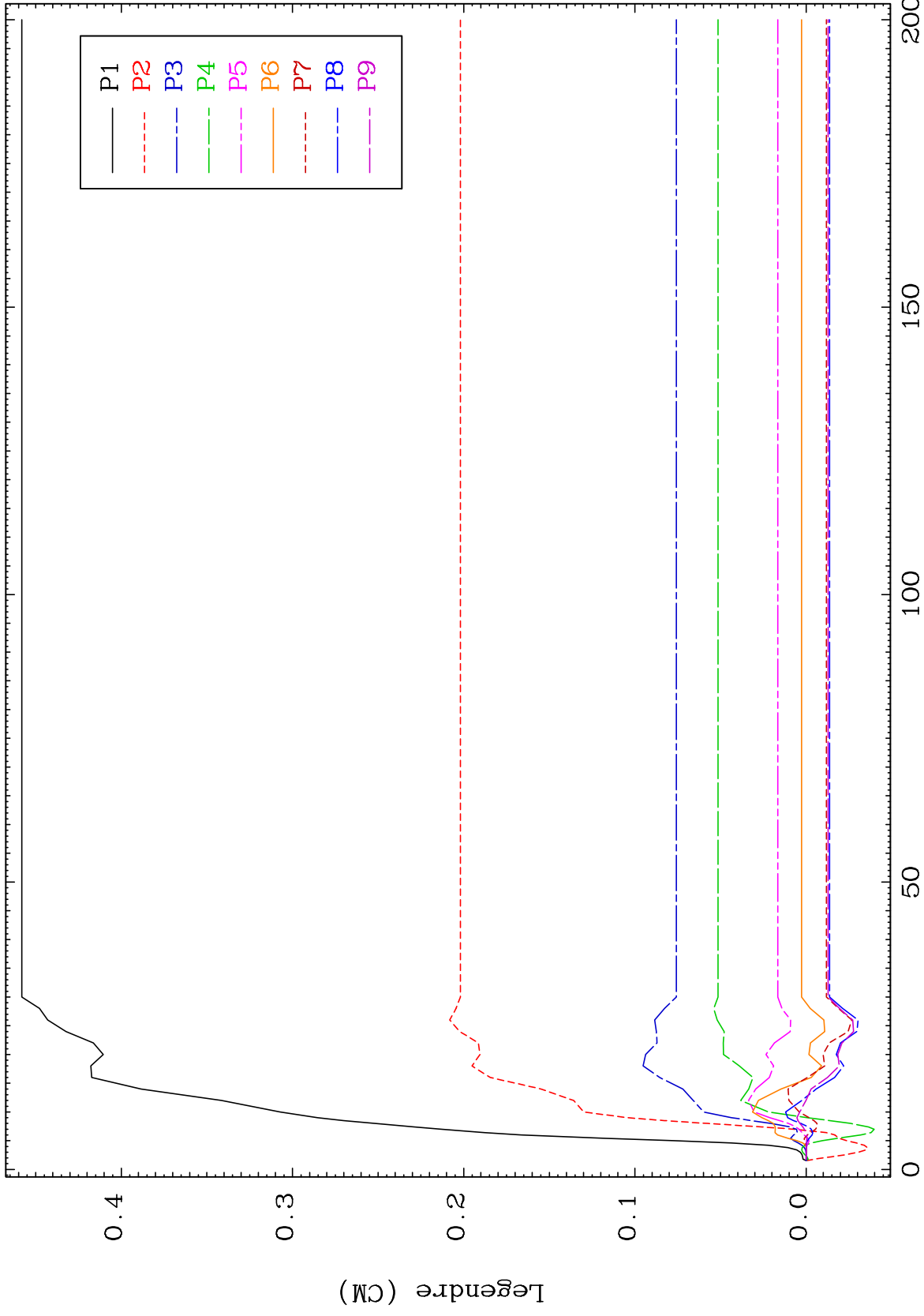
Incident Energy (MeV)

74-W -182

MAT 7431

MT= 63 (n,n') Level  
Legendre Coefficients

74-W -182



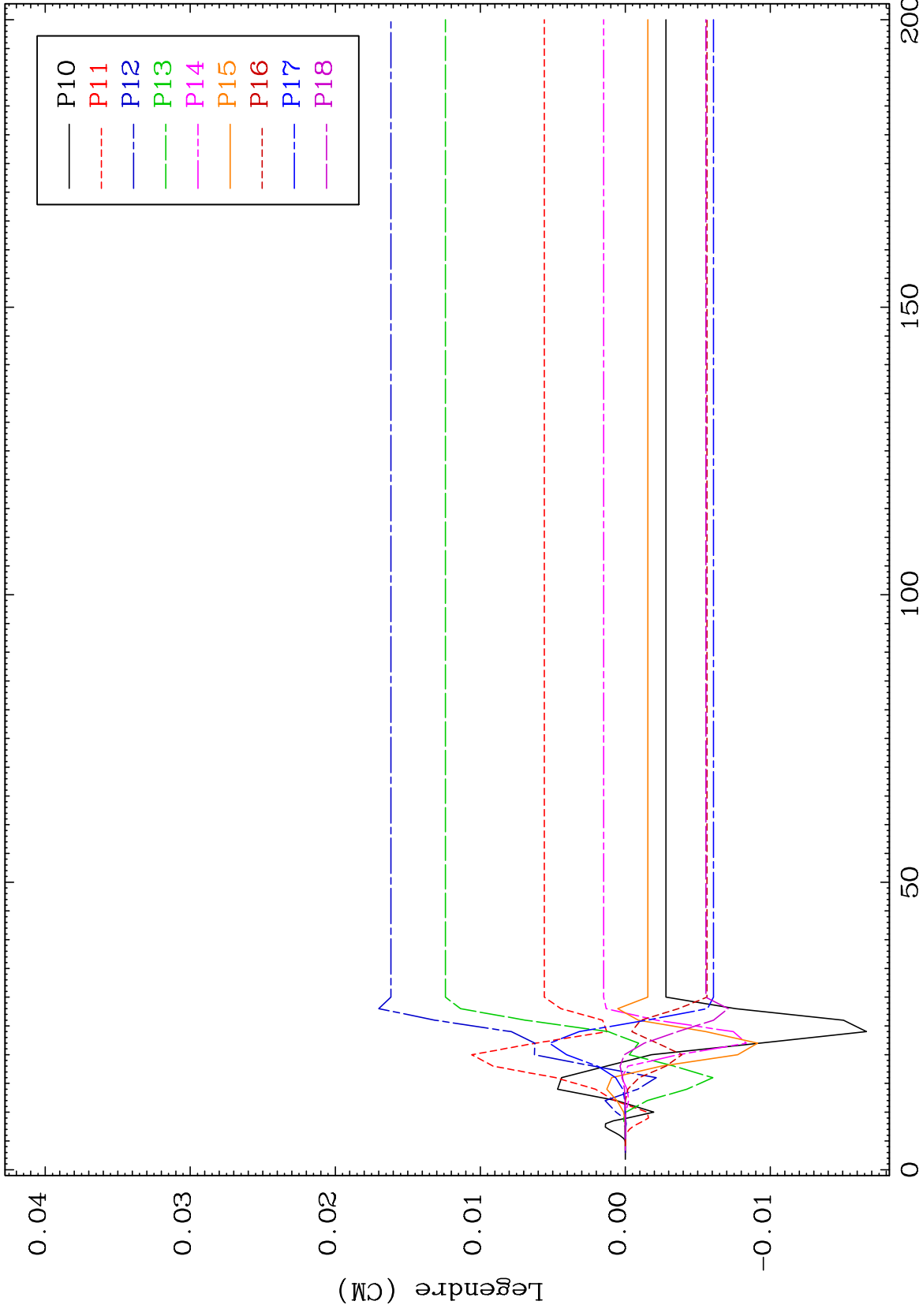
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74-W -182

MAT 7431

MT= 63 (n,n') Level  
Legendre Coefficients

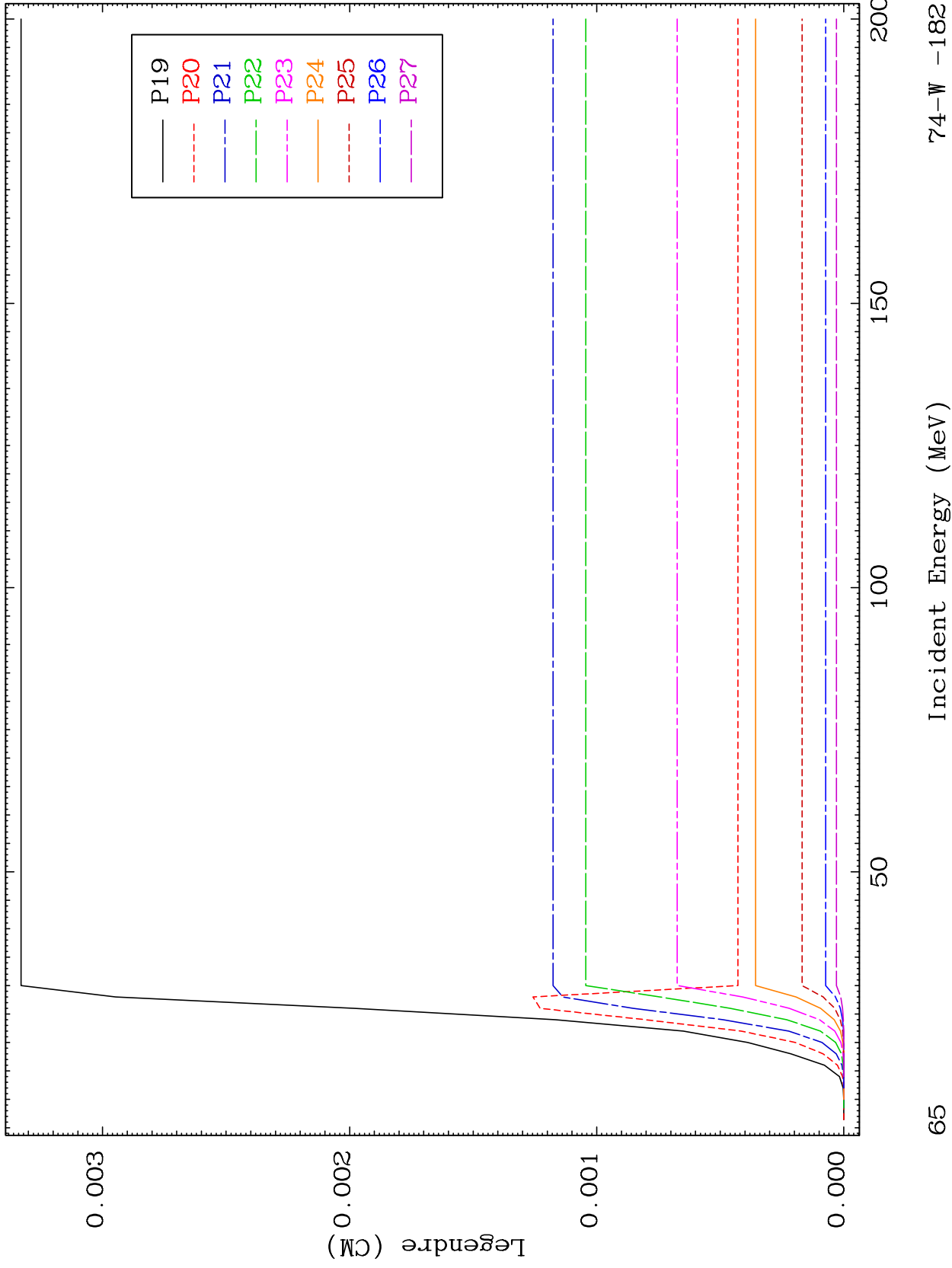
74-W -182

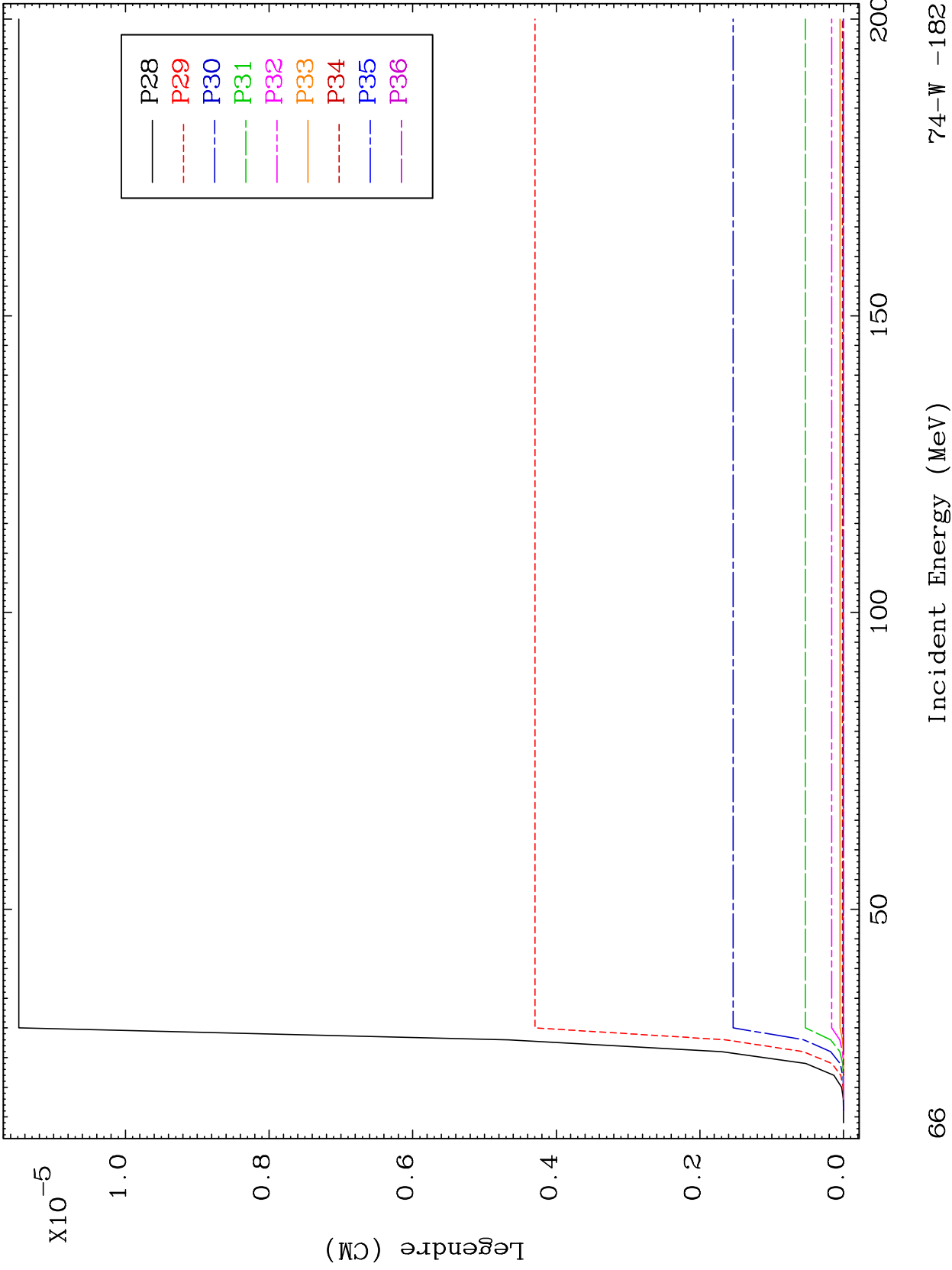


64

Incident Energy (MeV)

74-W -182

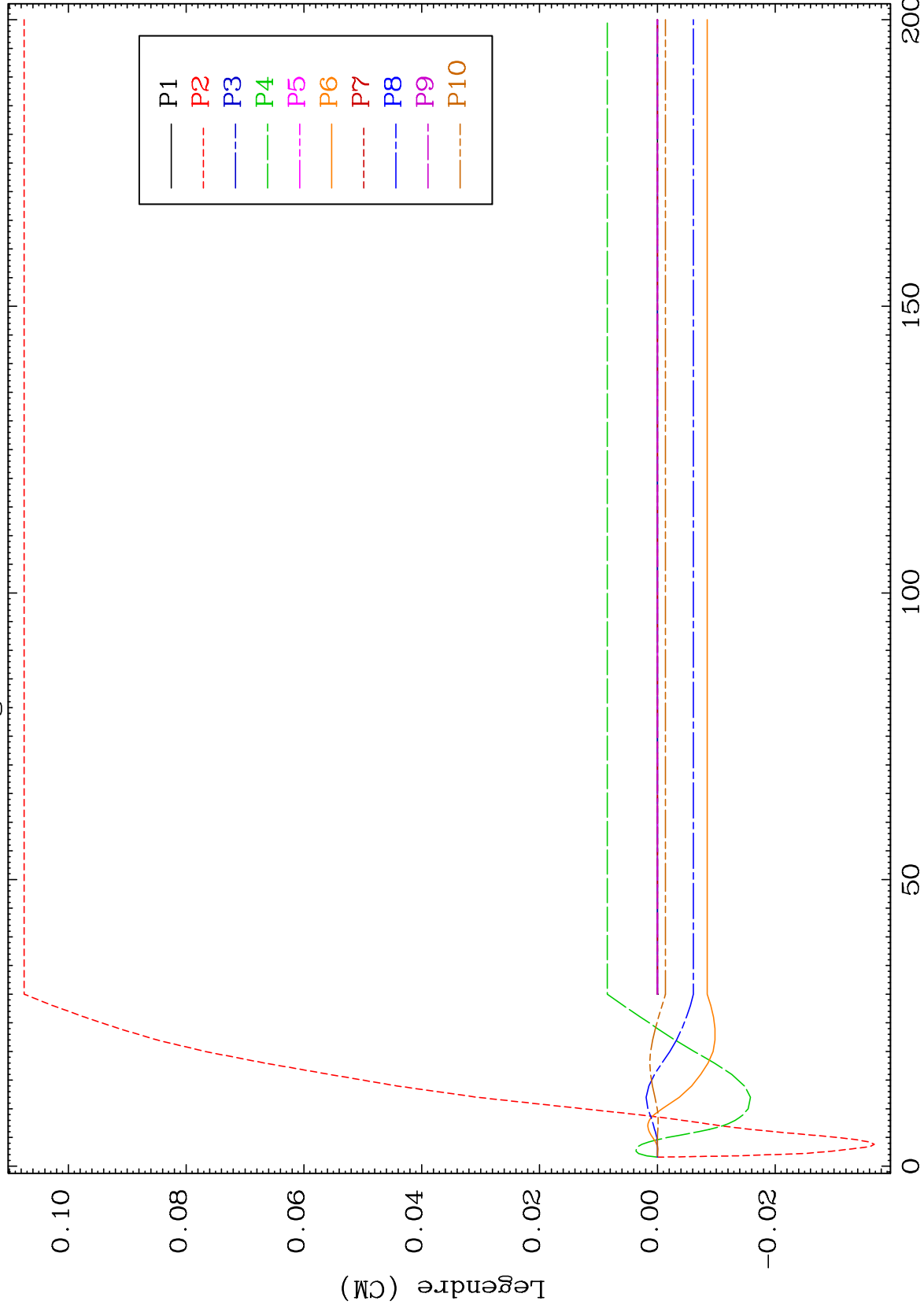




MAT 7431

MT= 64 (n,n') Level  
Legendre Coefficients

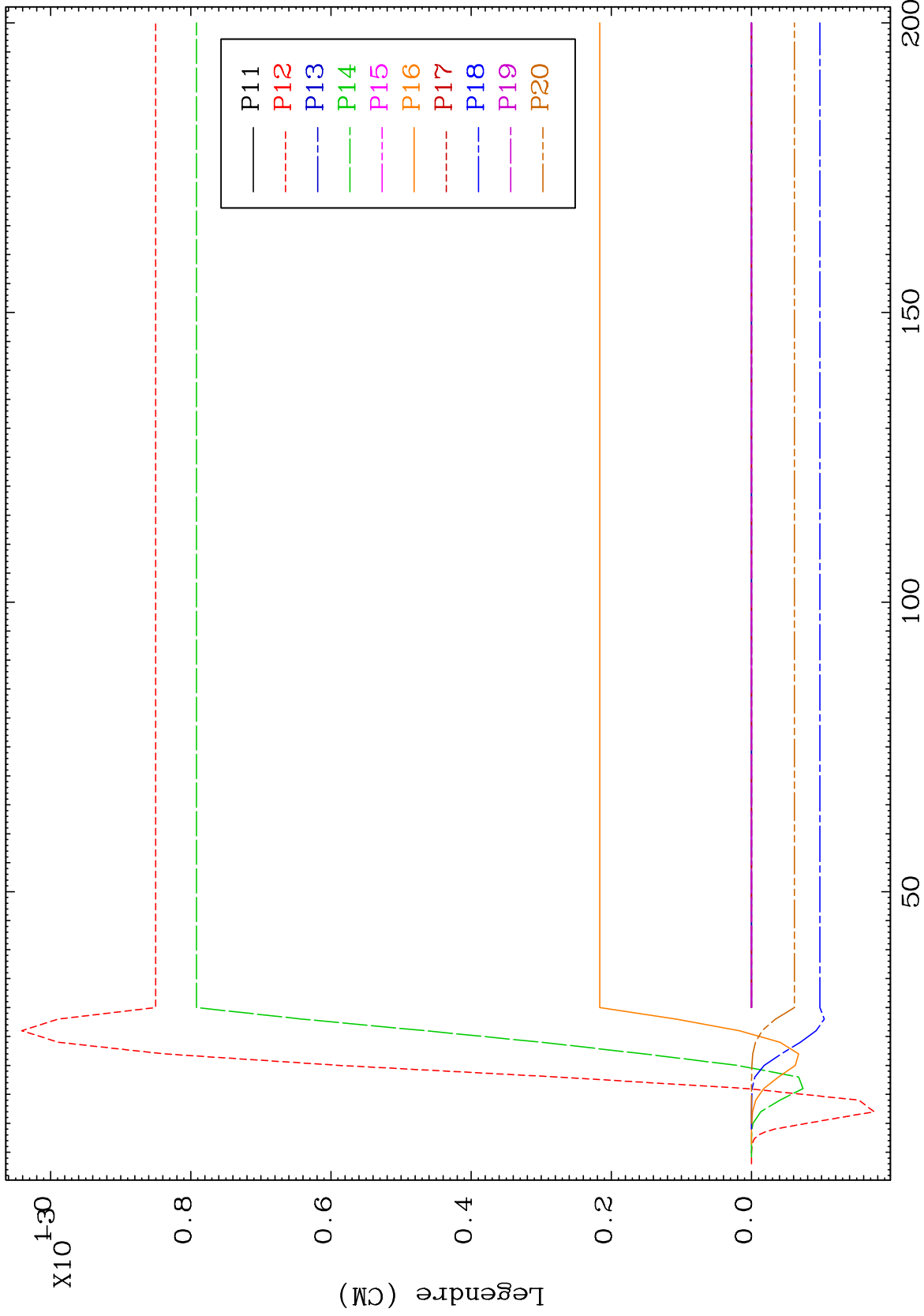
74-W -182



74-W -182

Incident Energy (MeV)

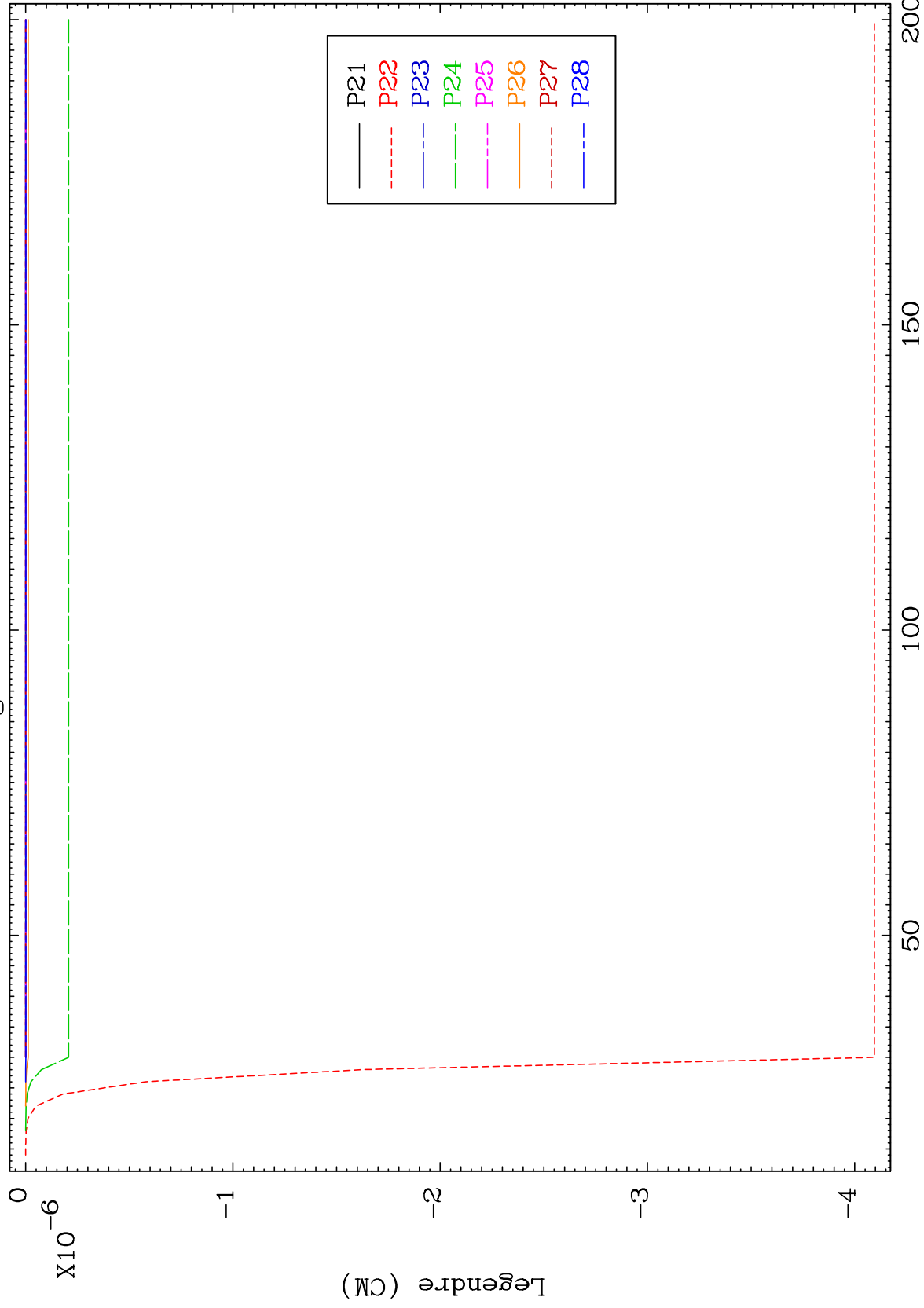
67



MAT 7431

MT= 64 (n,n') Level  
Legendre Coefficients

74-W -182



69

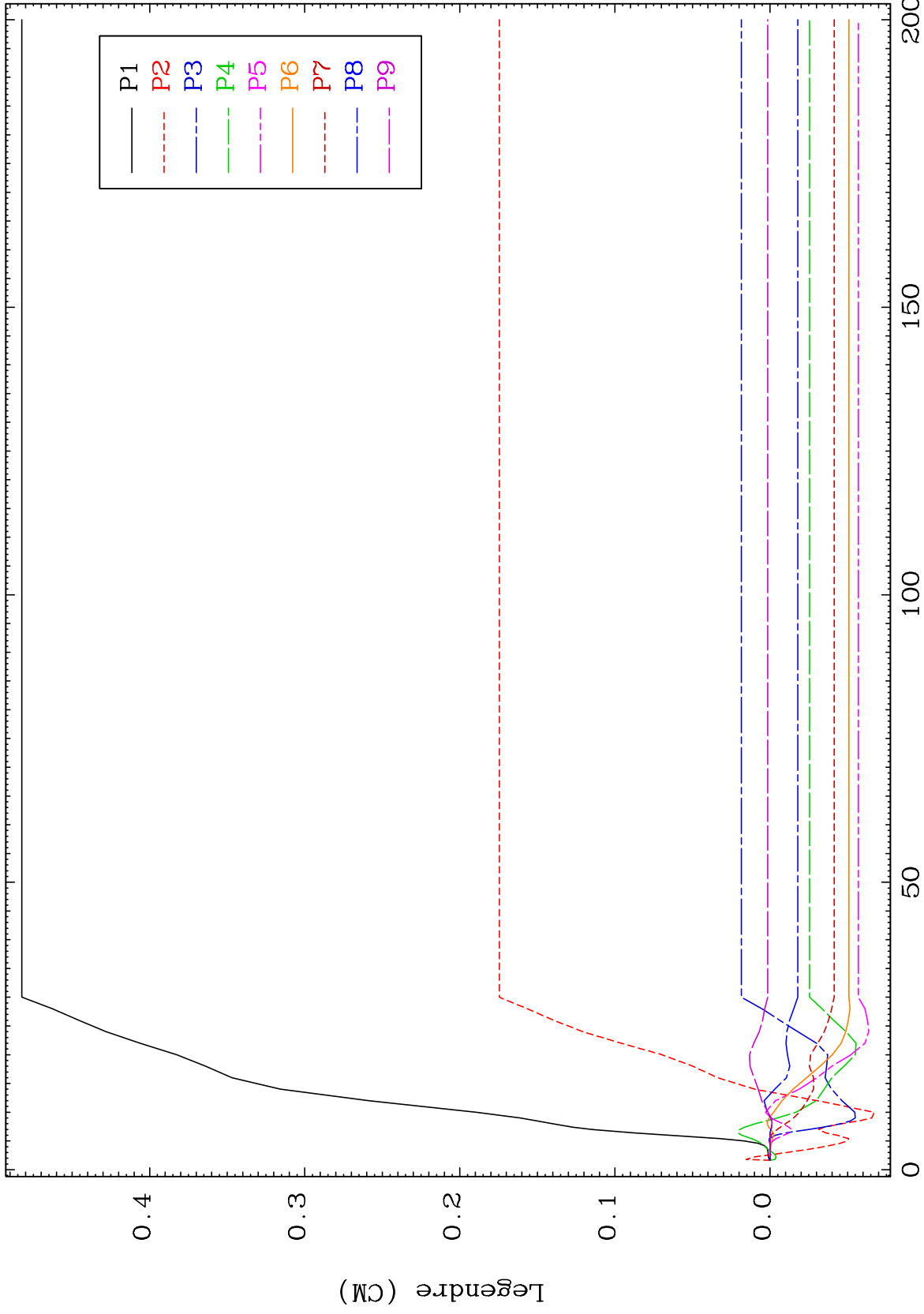
Incident Energy (MeV)

74-W -182

MAT 7431

MT= 65 (n,n') Level  
Legendre Coefficients

74-W -182



70

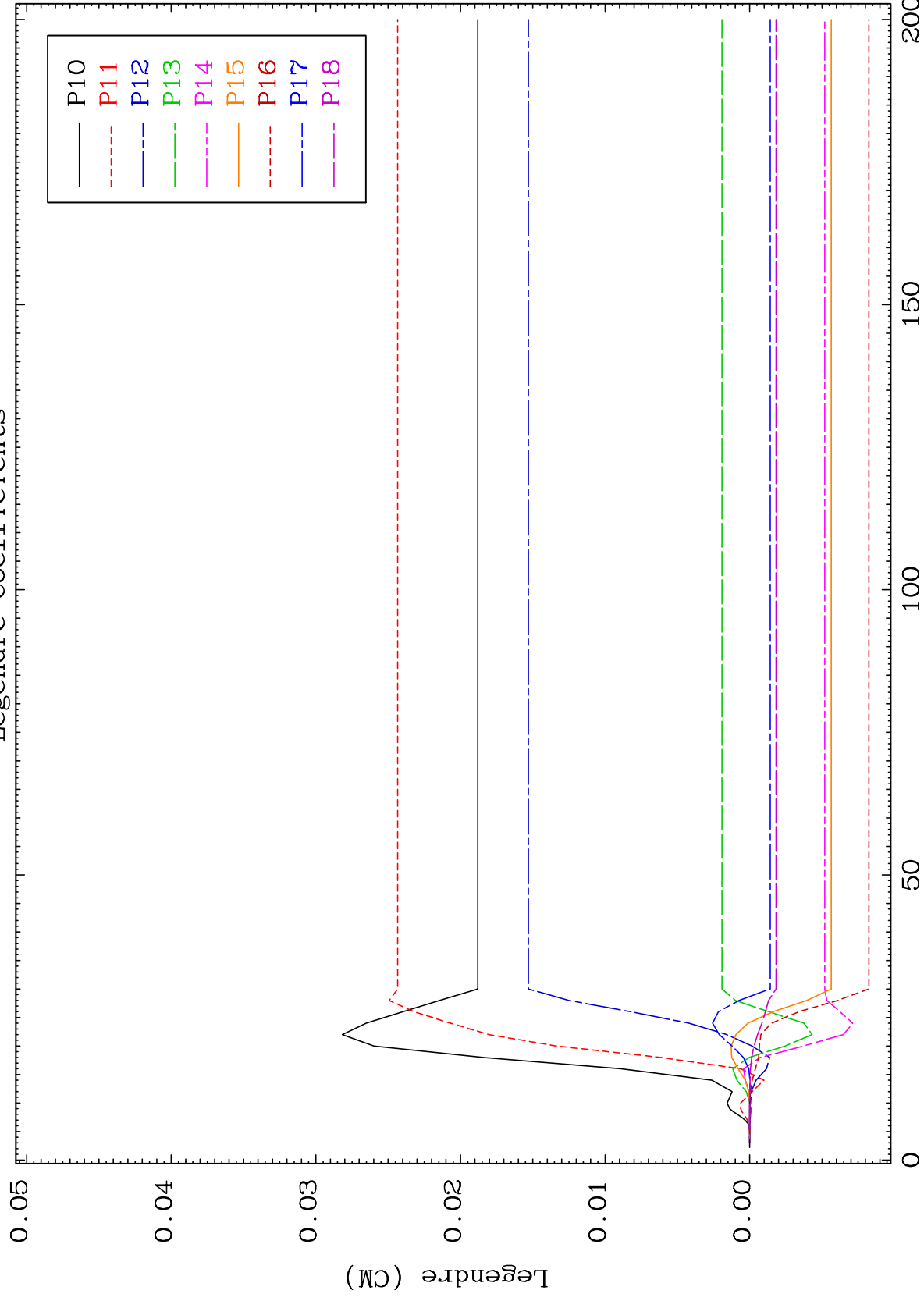
Incident Energy (MeV)

74-W -182

MAT 7431

MT= 65 (n,n') Level  
Legendre Coefficients

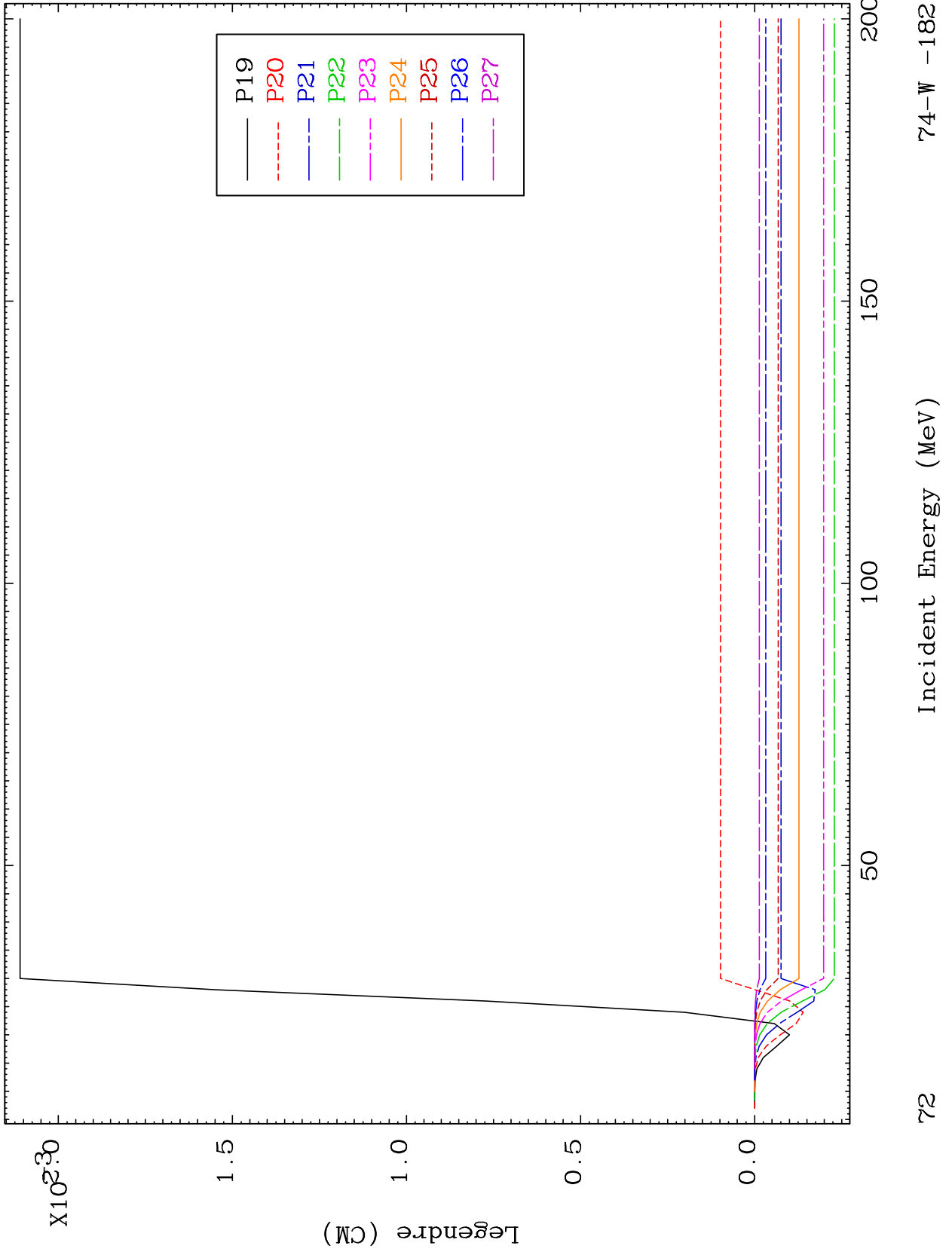
74-W -182



71

Incident Energy (MeV)

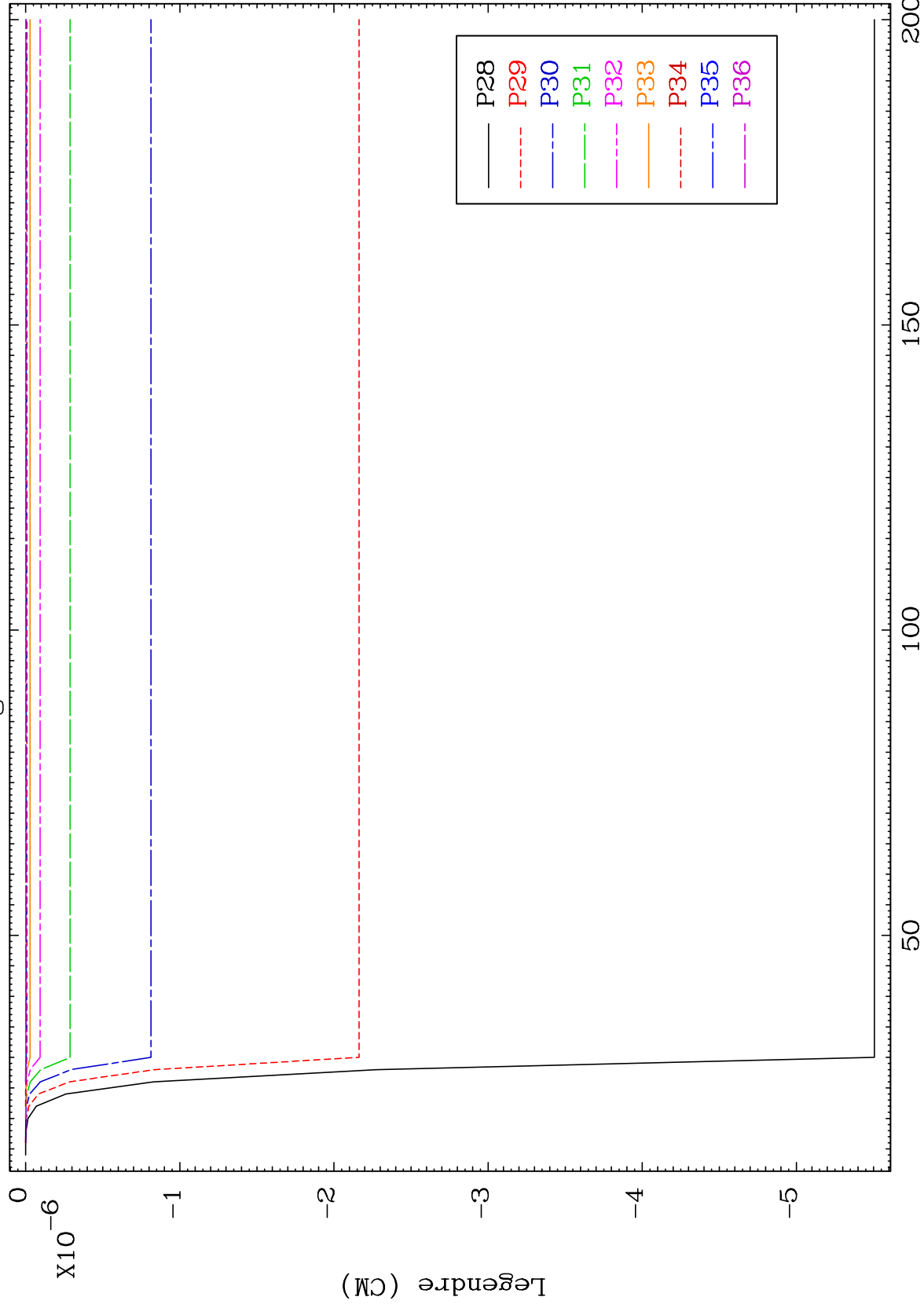
74-W -182



MAT 7431

MT= 65 (n,n') Level  
Legendre Coefficients

74-W -182



73

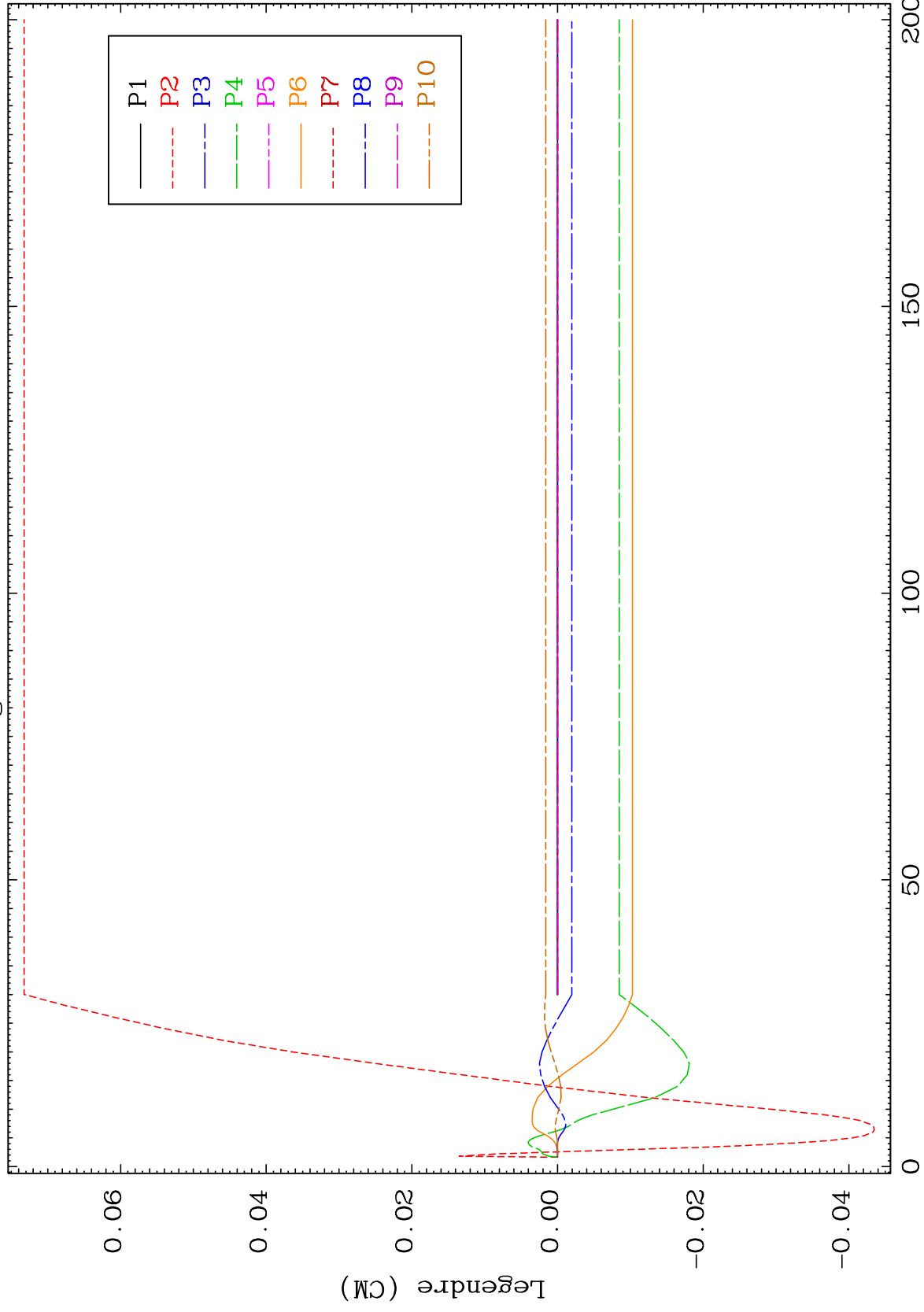
Incident Energy (MeV)

74-W -182

MAT 7431

MT= 66 (n,n') Level  
Legendre Coefficients

74-W -182



74

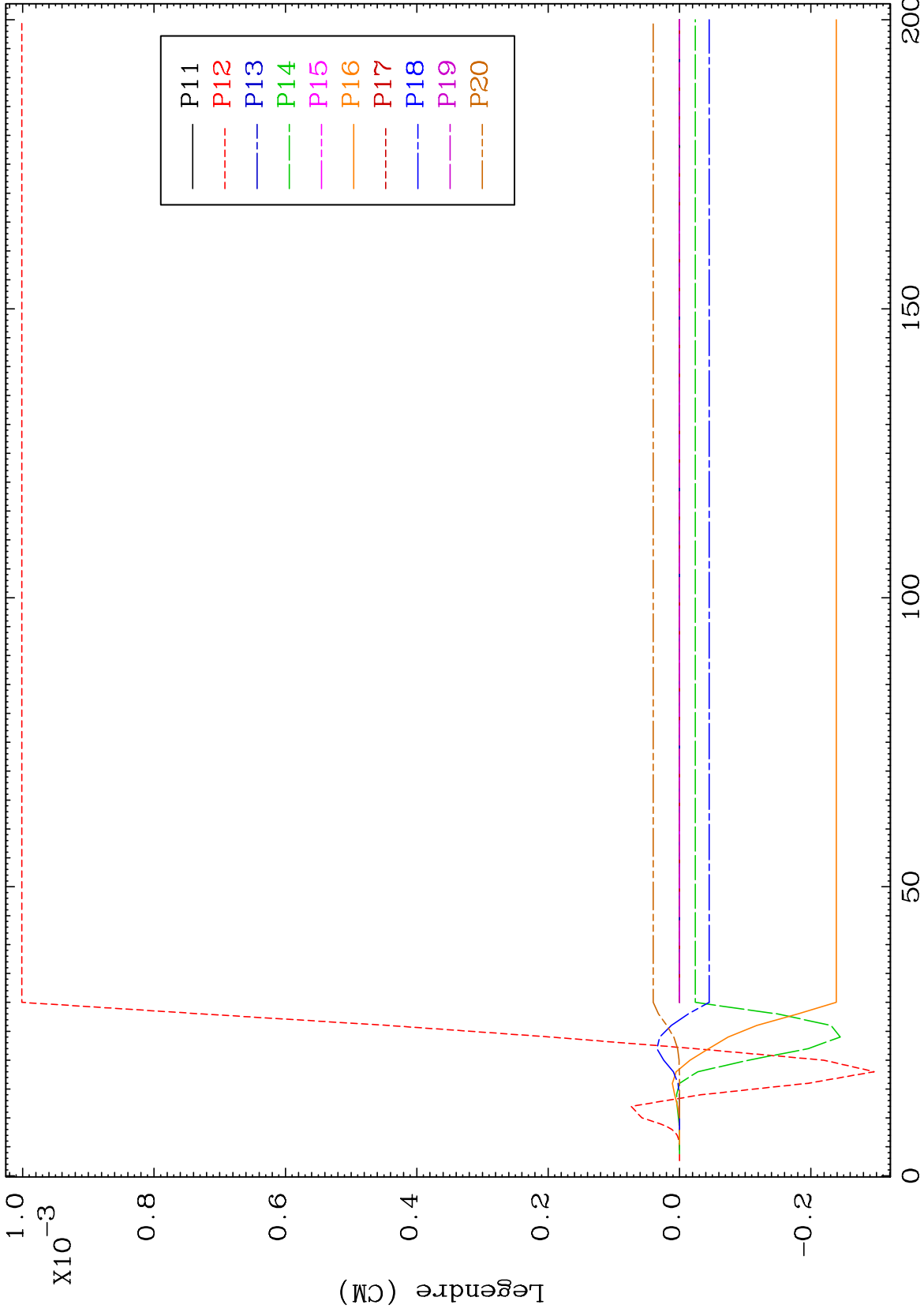
Incident Energy (MeV)

74-W -182

MAT 7431

MT= 66 (n,n') Level  
Legendre Coefficients

74-W -182



75

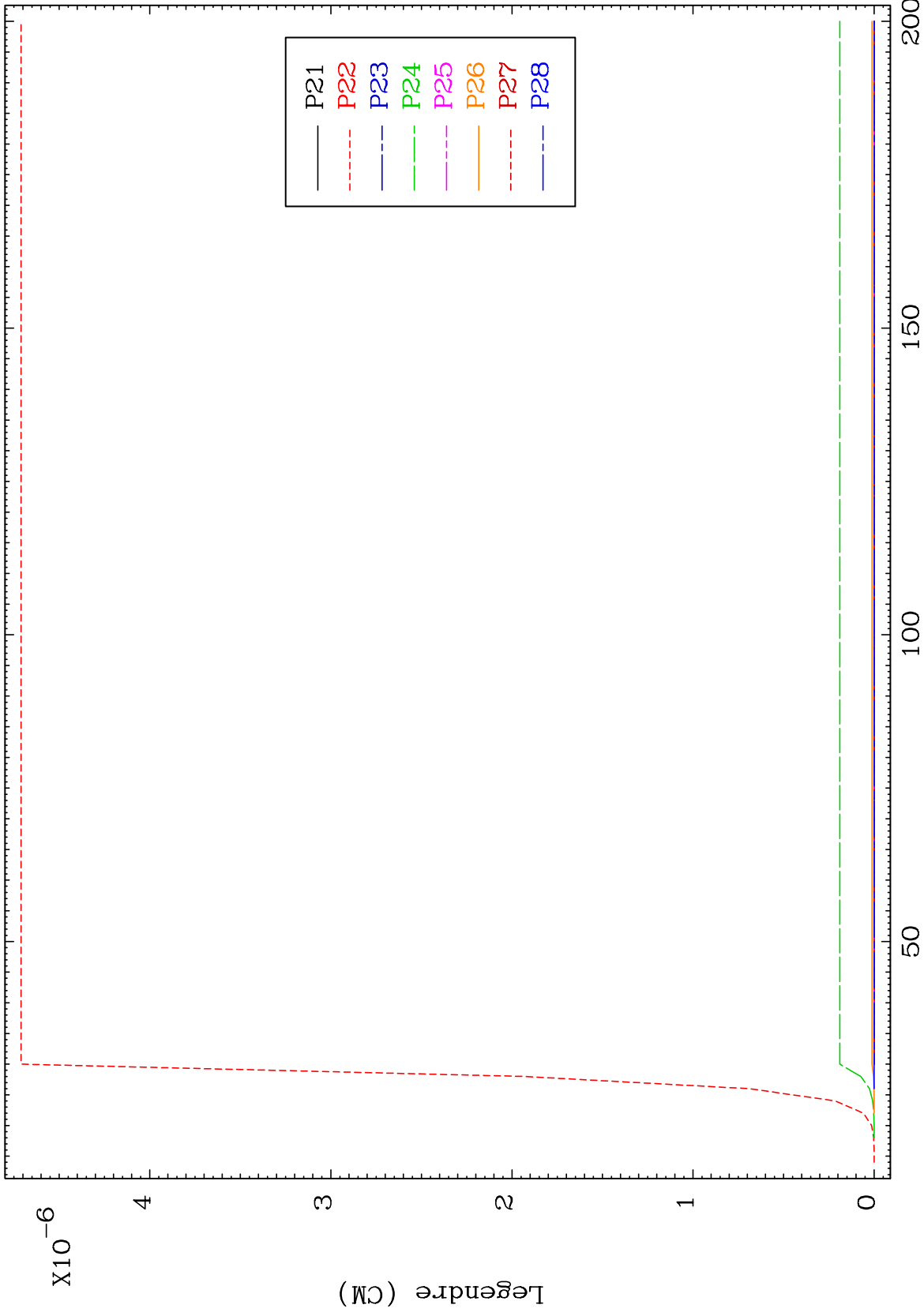
Incident Energy (MeV)

74-W -182

MAT 7431

MT= 66 (n,n') Level  
Legendre Coefficients

74-W -182



76

Incident Energy (MeV)

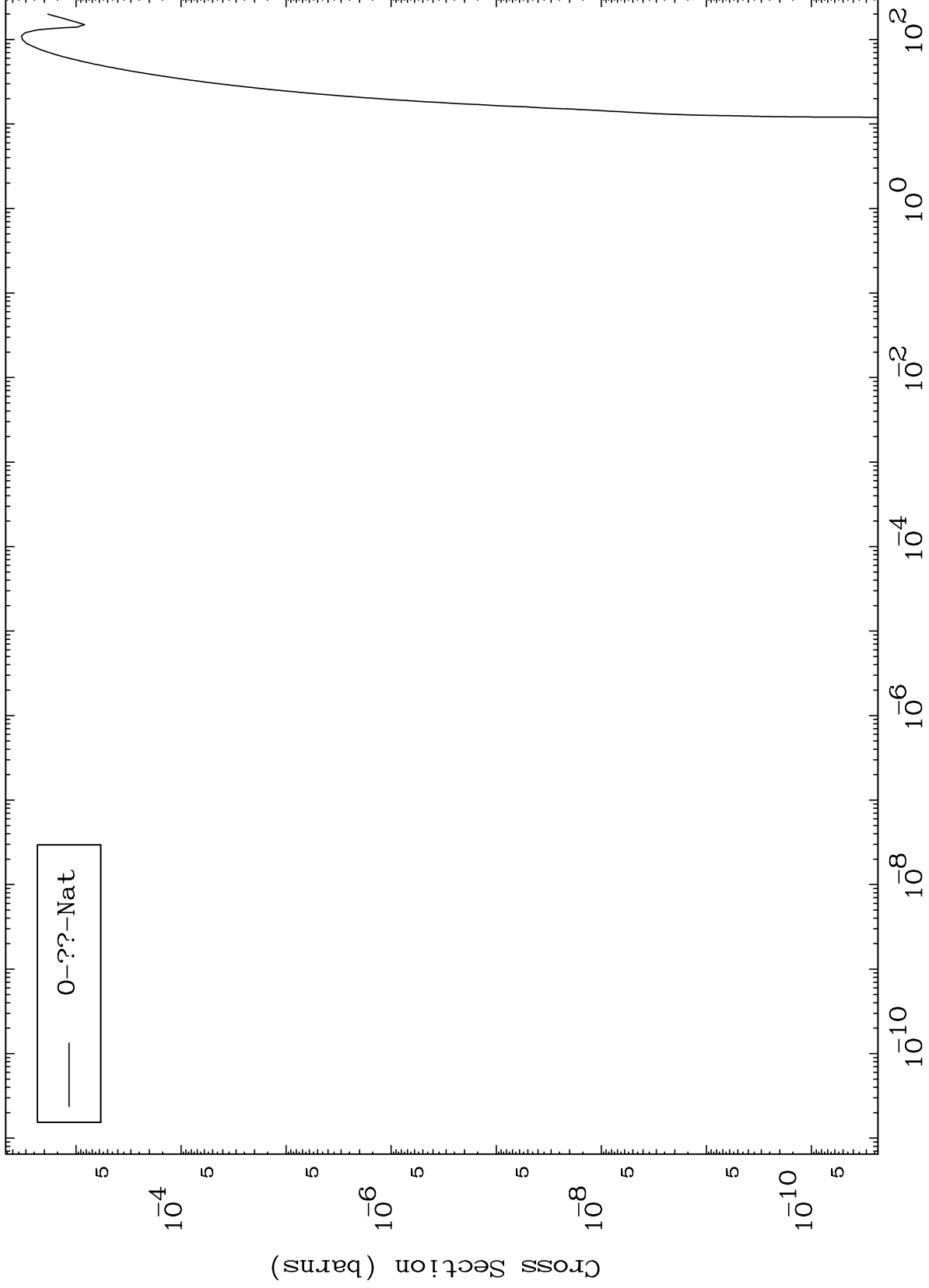
74-W -182

MAT 7431

Fission

74-W -182

Radionuclide Production Cross Section



77

Incident Energy (MeV)

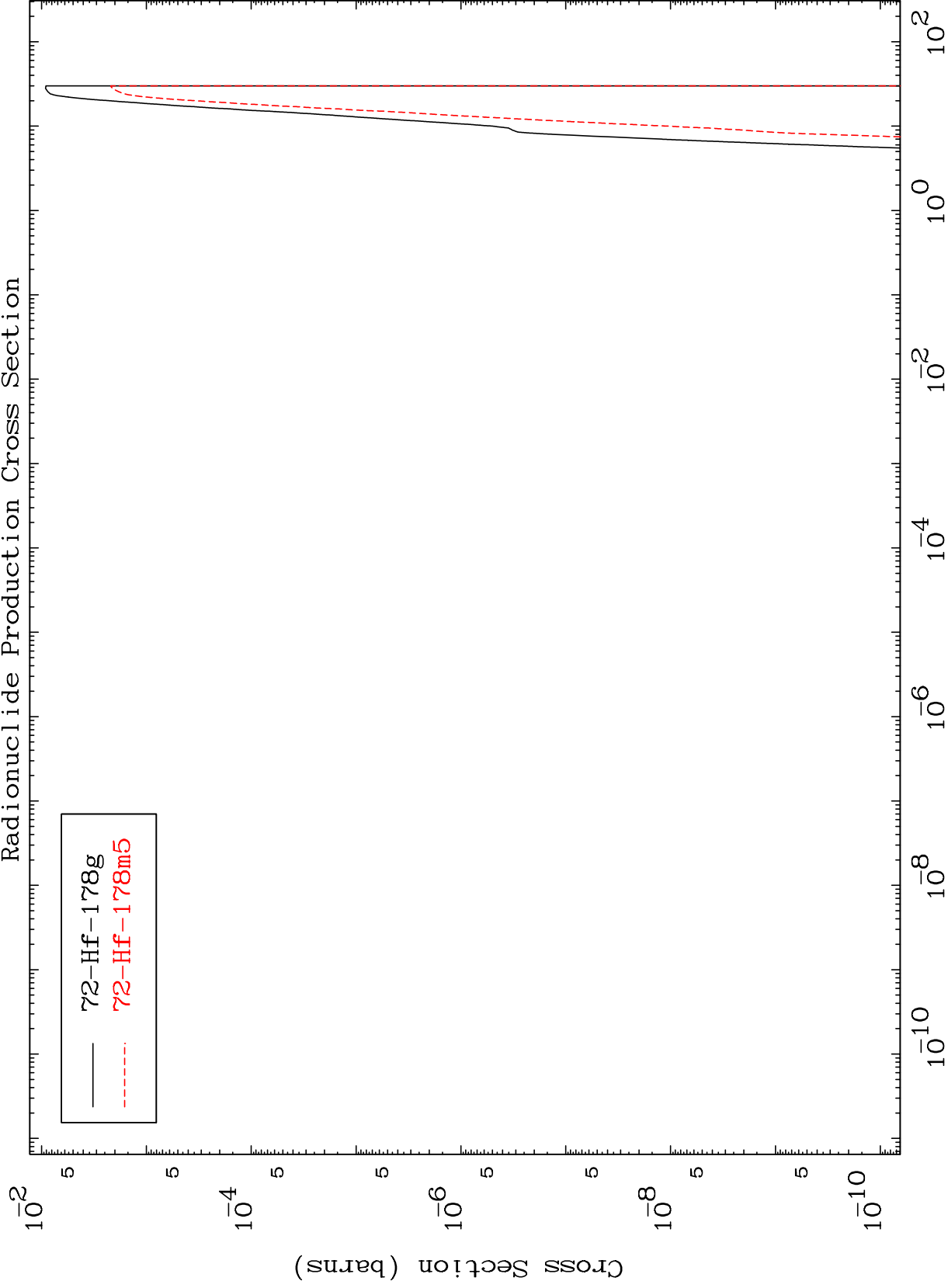
74-W -182

MAT 7431

(n,n')  $\alpha$

74-W -182

Radionuclide Production Cross Section



—  $^{178}\text{g}\text{Hf}$   
- - -  $^{178\text{m}5}\text{Hf}$

78

Incident Energy (MeV)

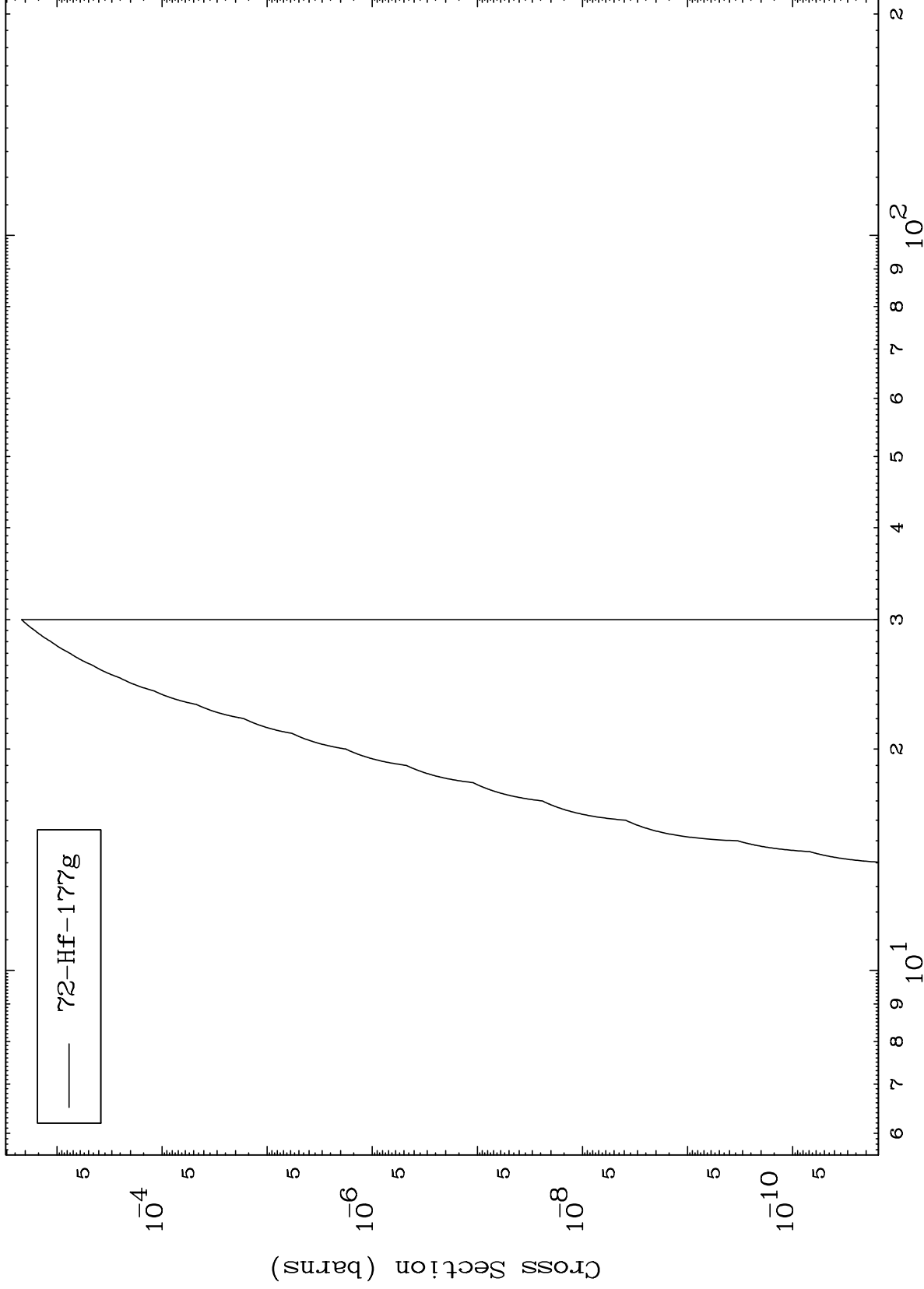
74-W -182

MAT 7431

(n,2n)  $\alpha$

74-W -182

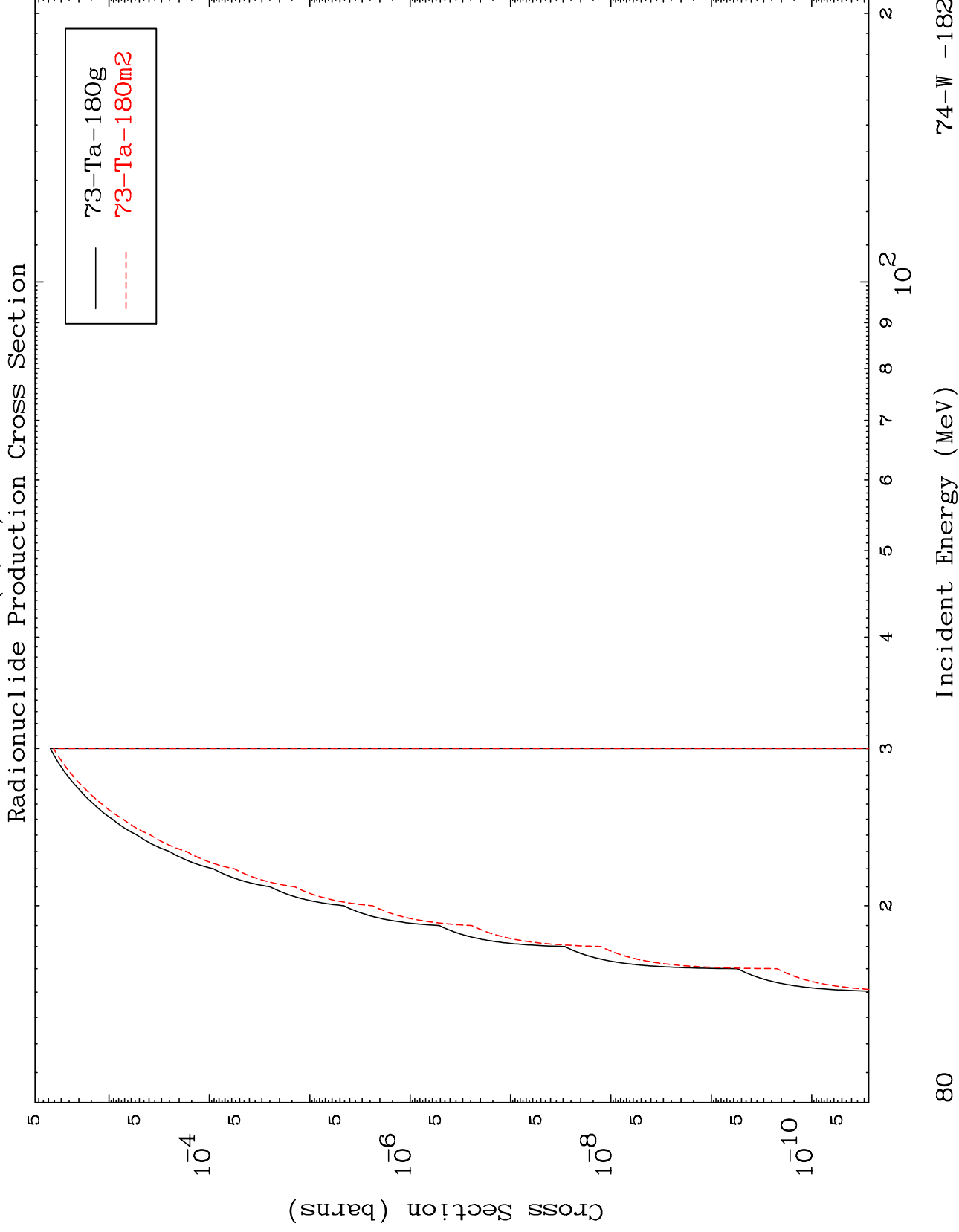
Radionuclide Production Cross Section



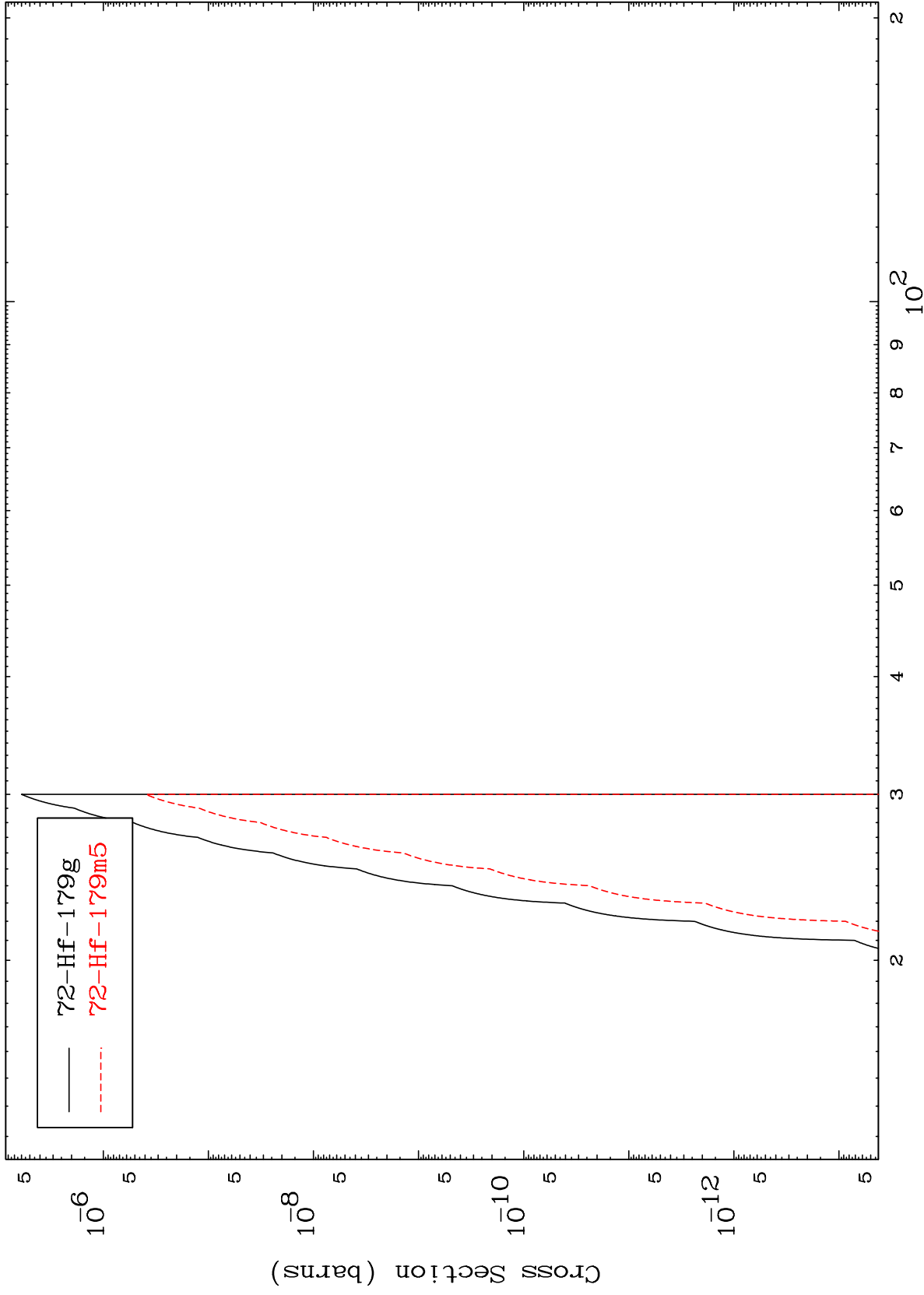
79

Incident Energy (MeV)

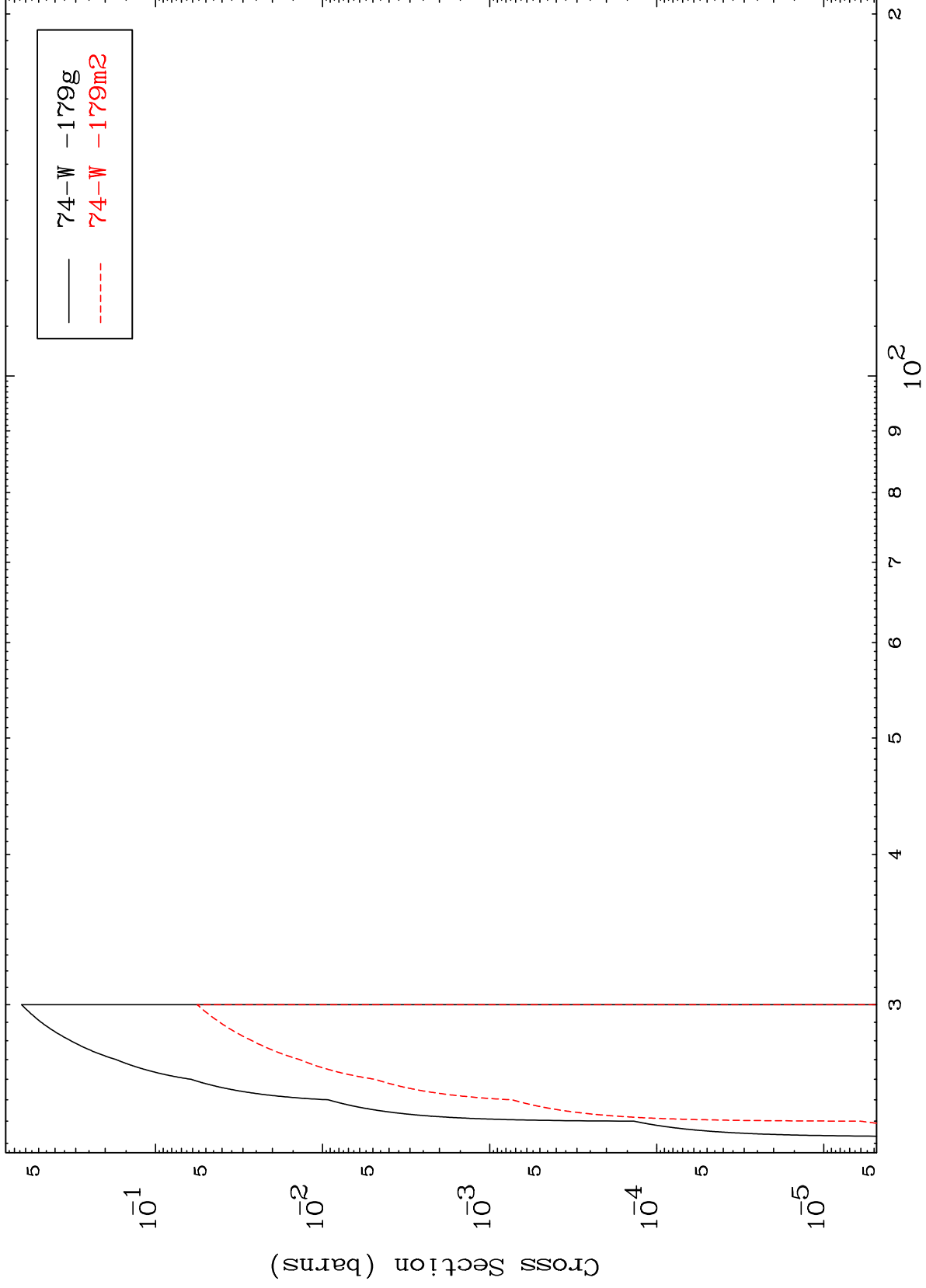
74-W -182

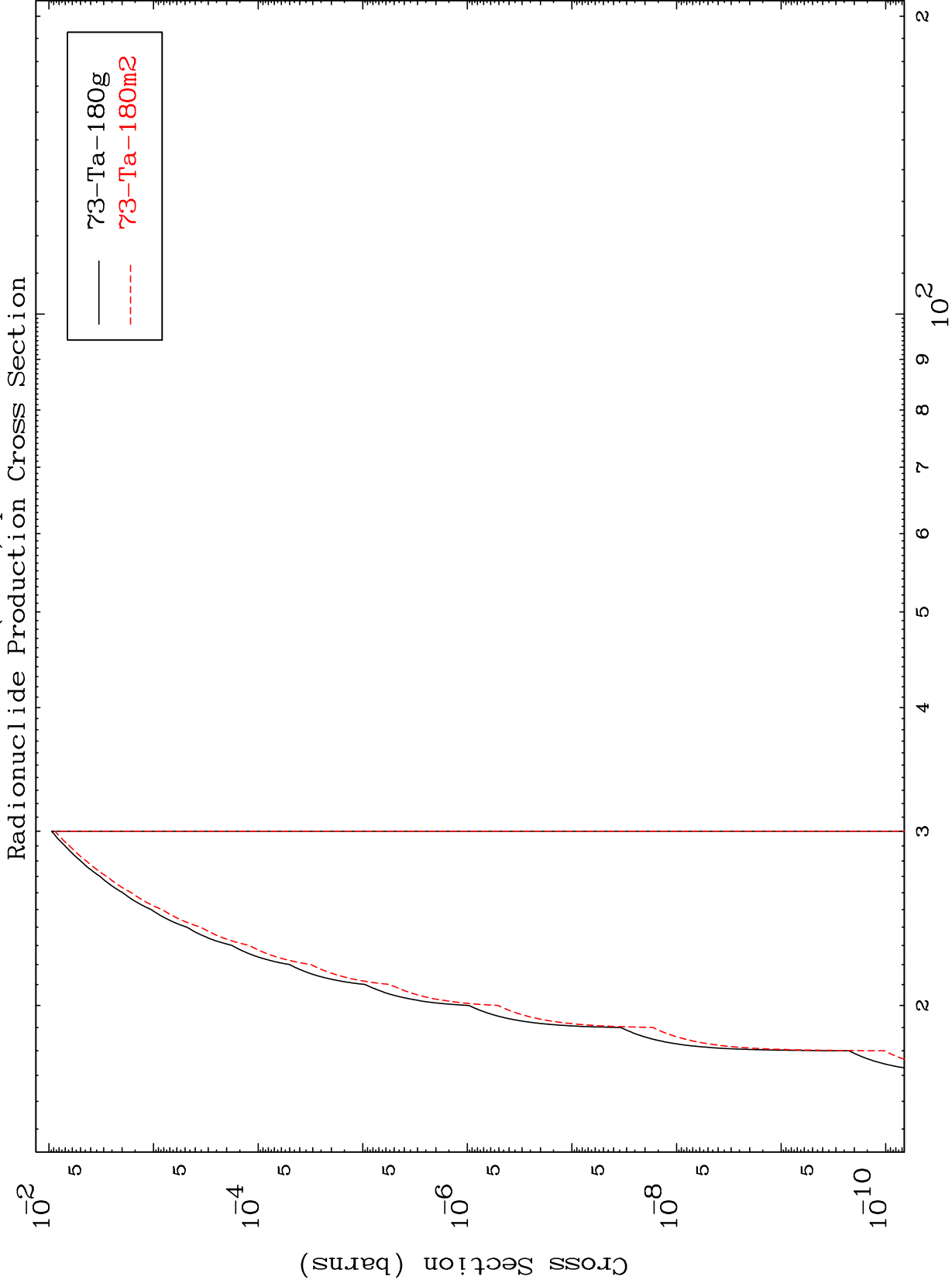


Radionuclide Production Cross Section

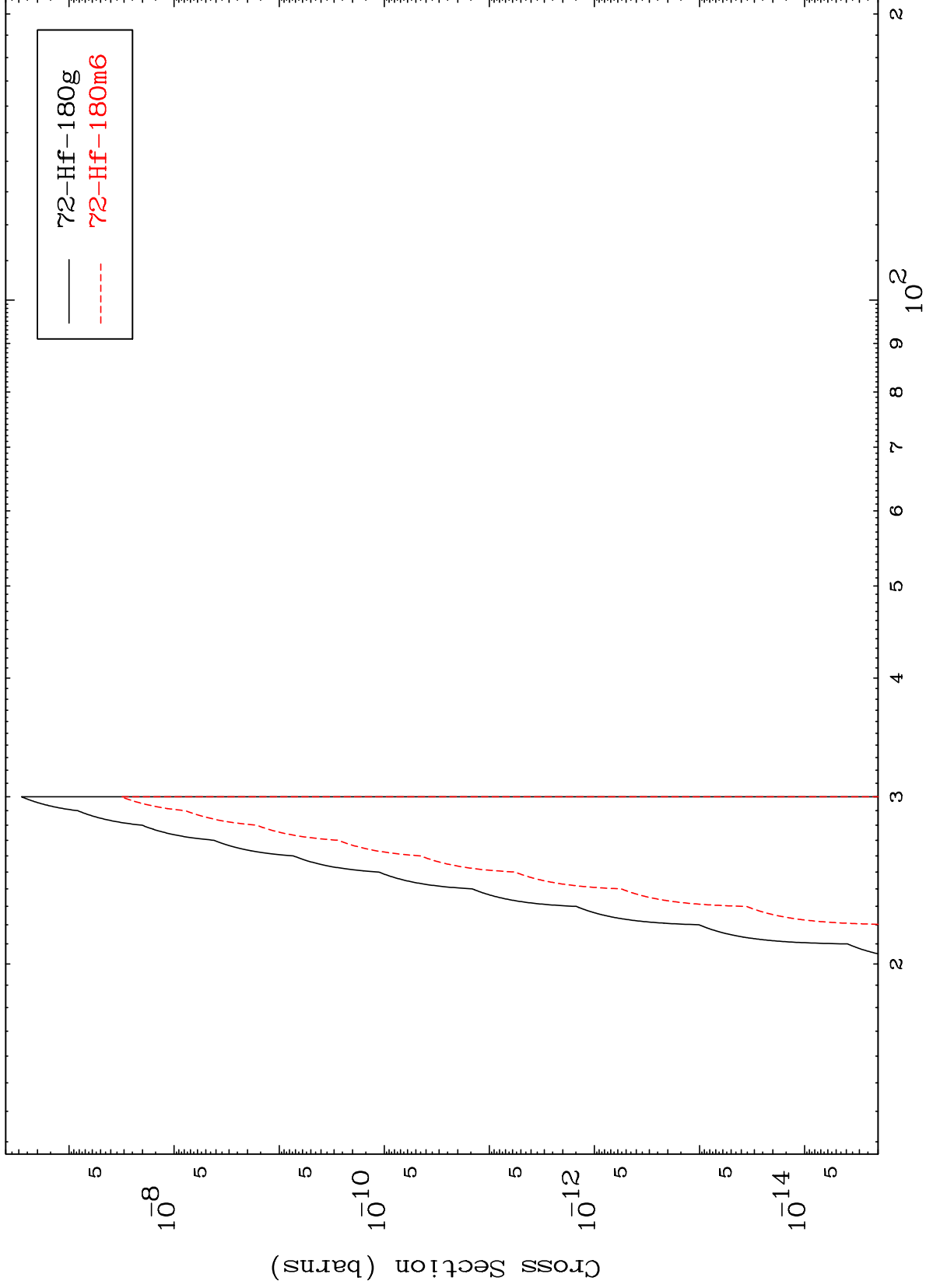


(n,4n)  
Radionuclide Production Cross Section

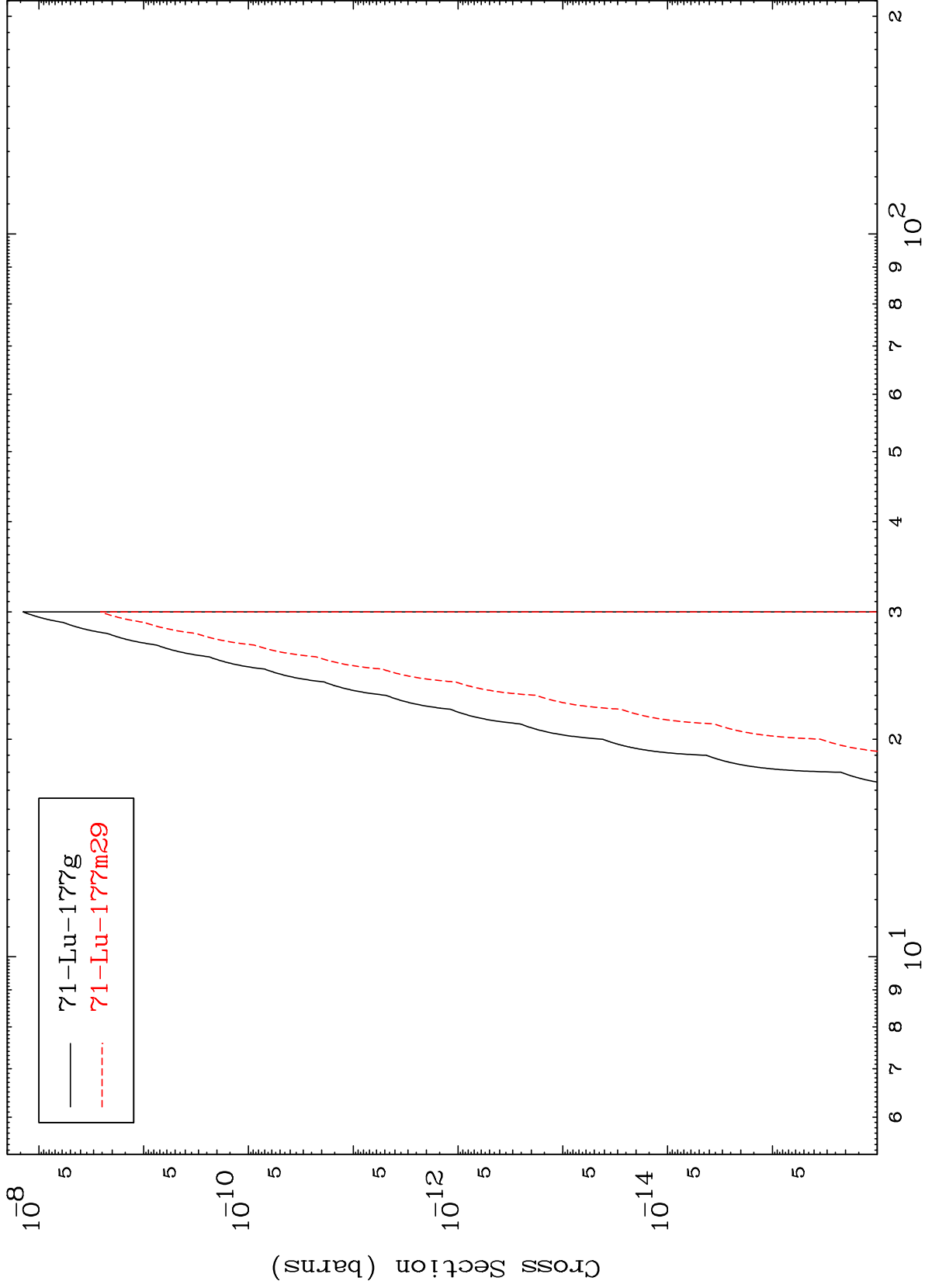




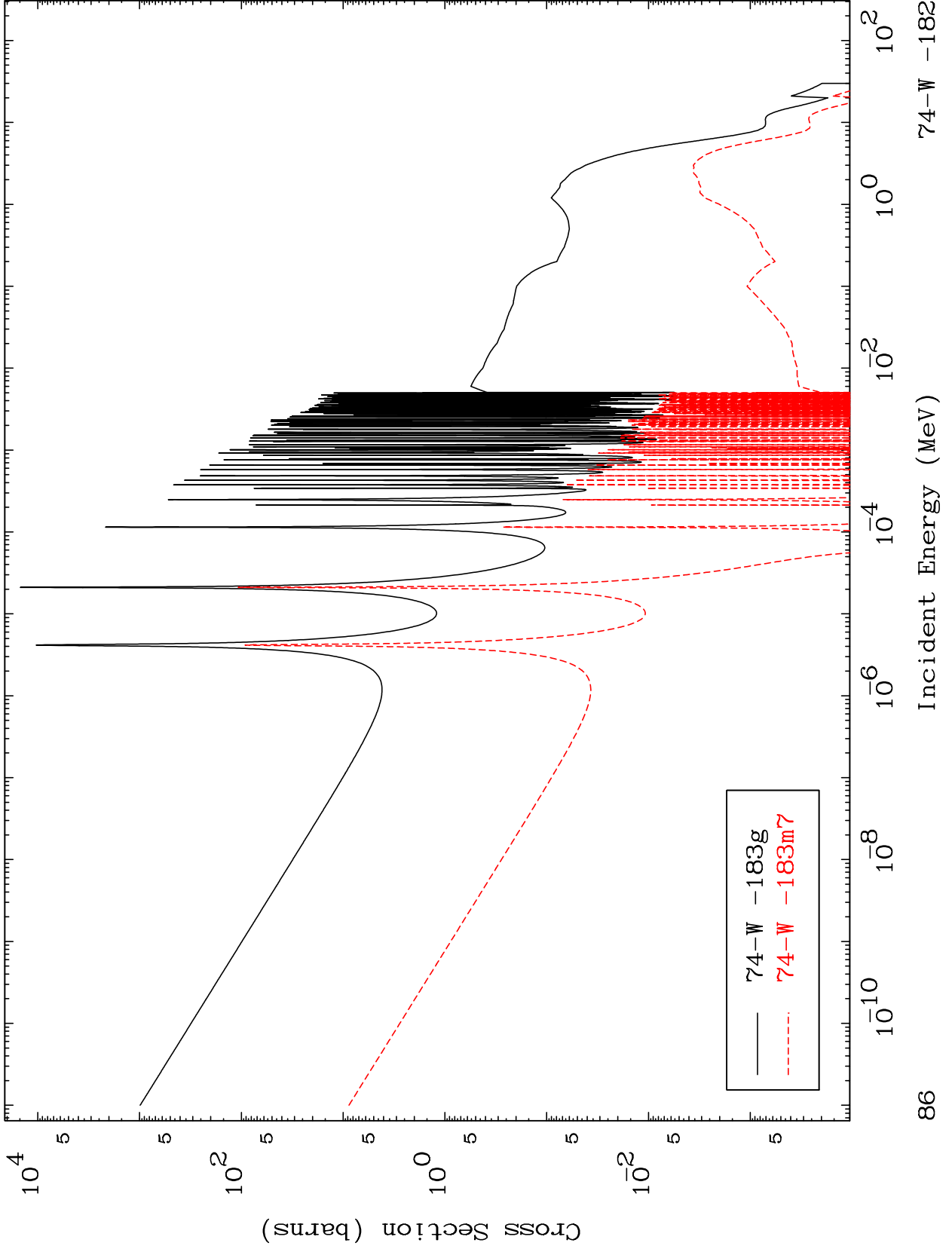
Radionuclide Production Cross Section



Radionuclide Production Cross Section

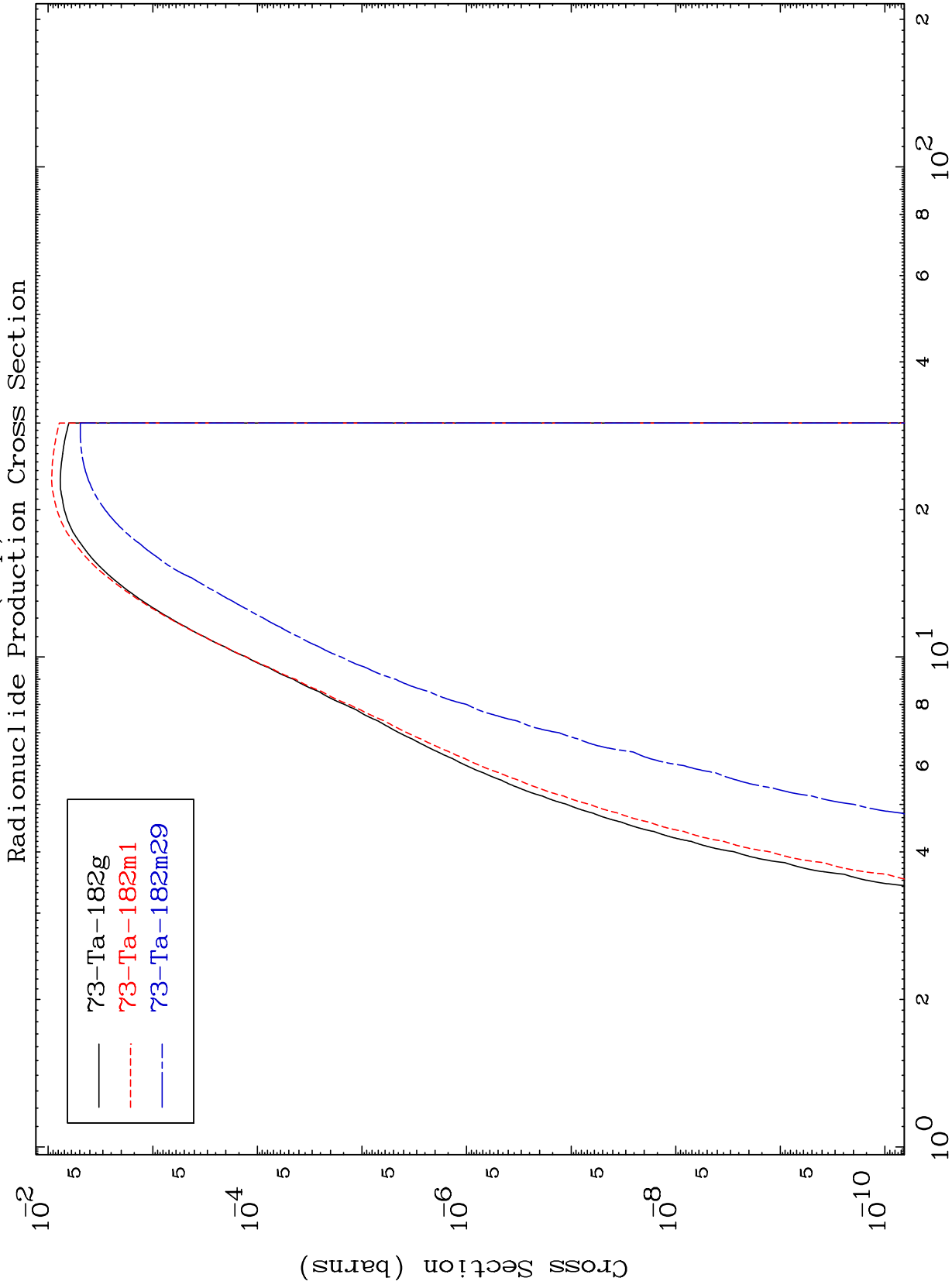


Radionuclide Production Cross Section  
(n,γ)



MAT 7431

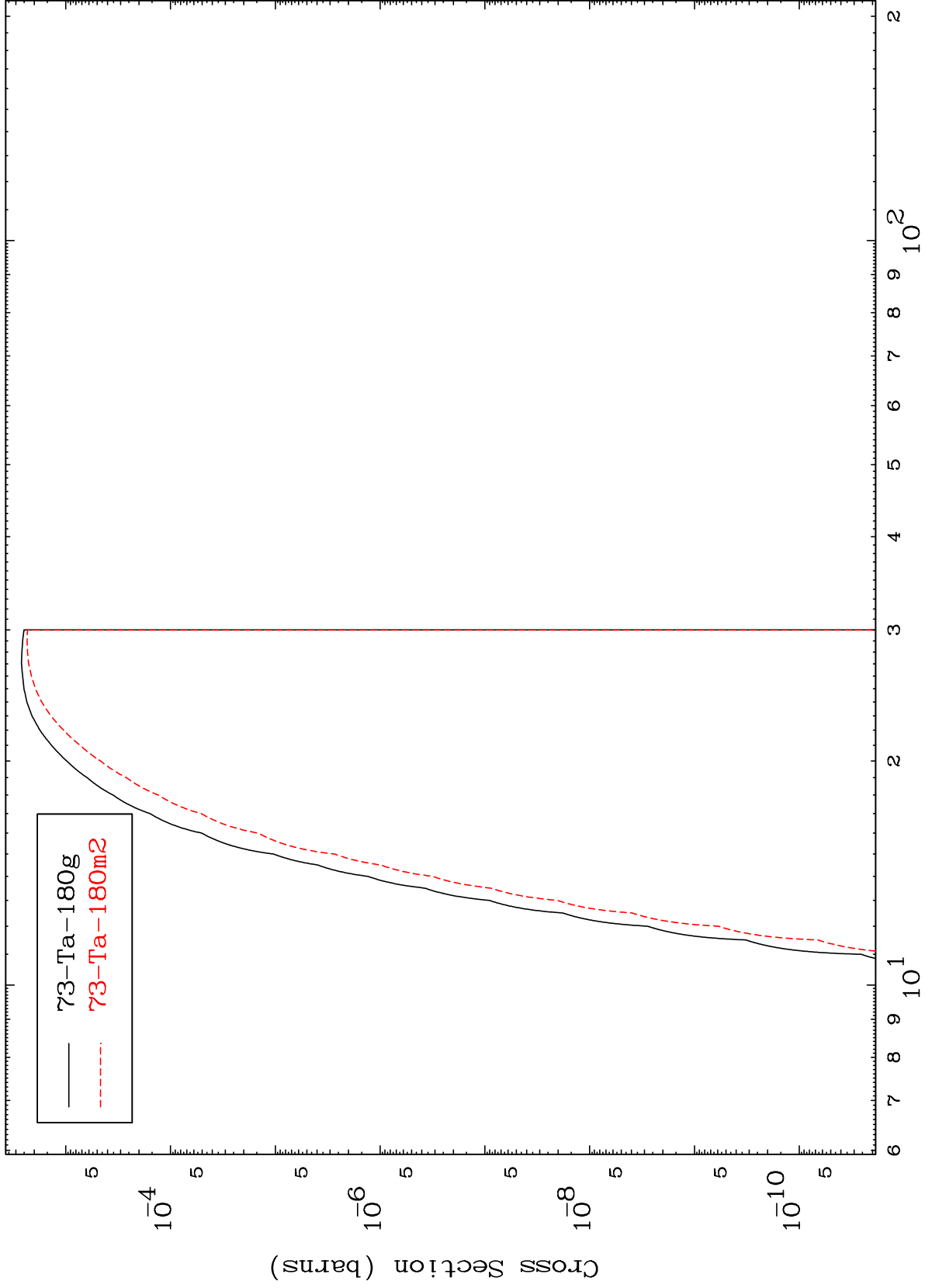
74-W -182



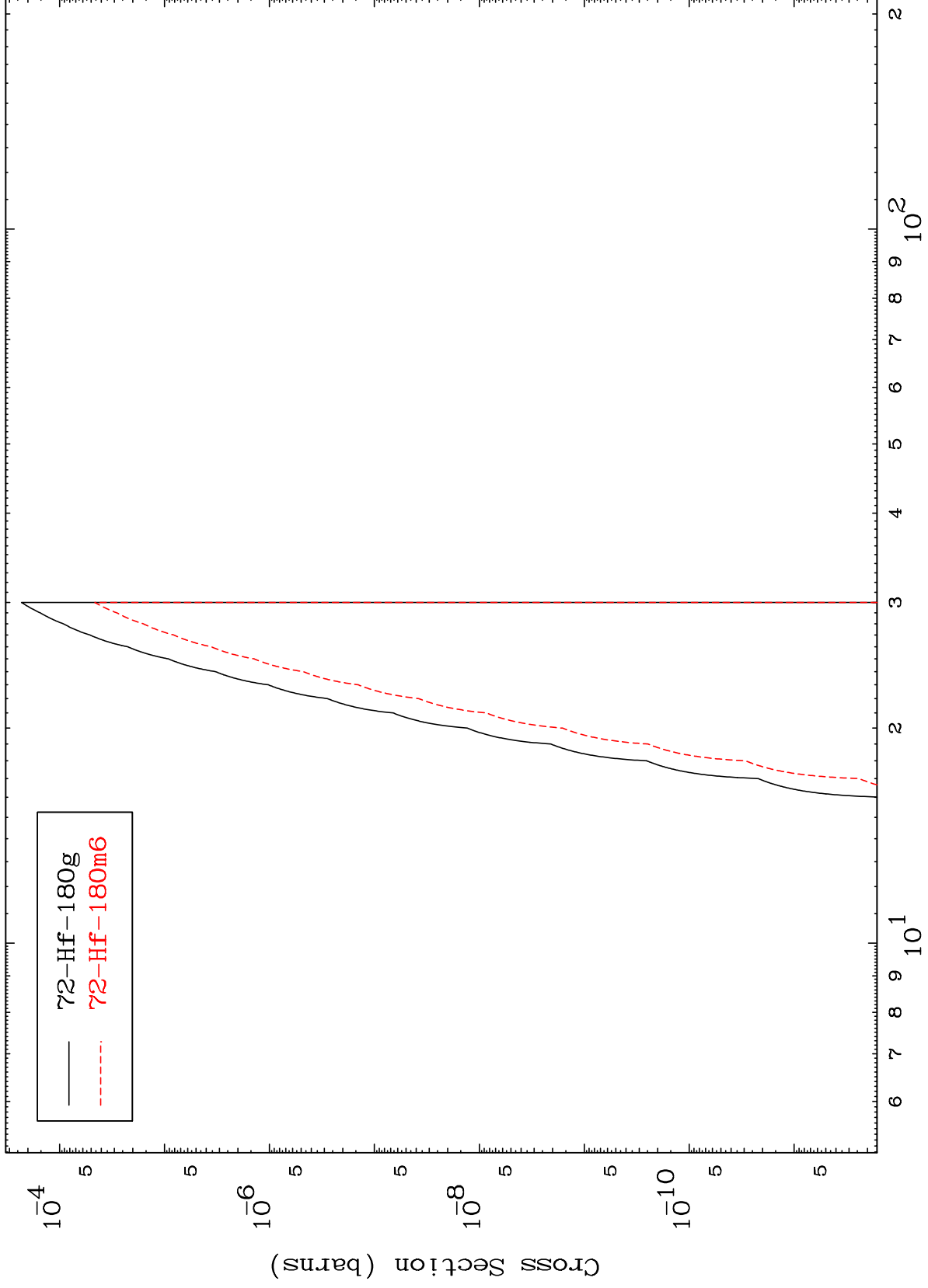
87

74-W -182

(n, t)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section  
(n,He-3)

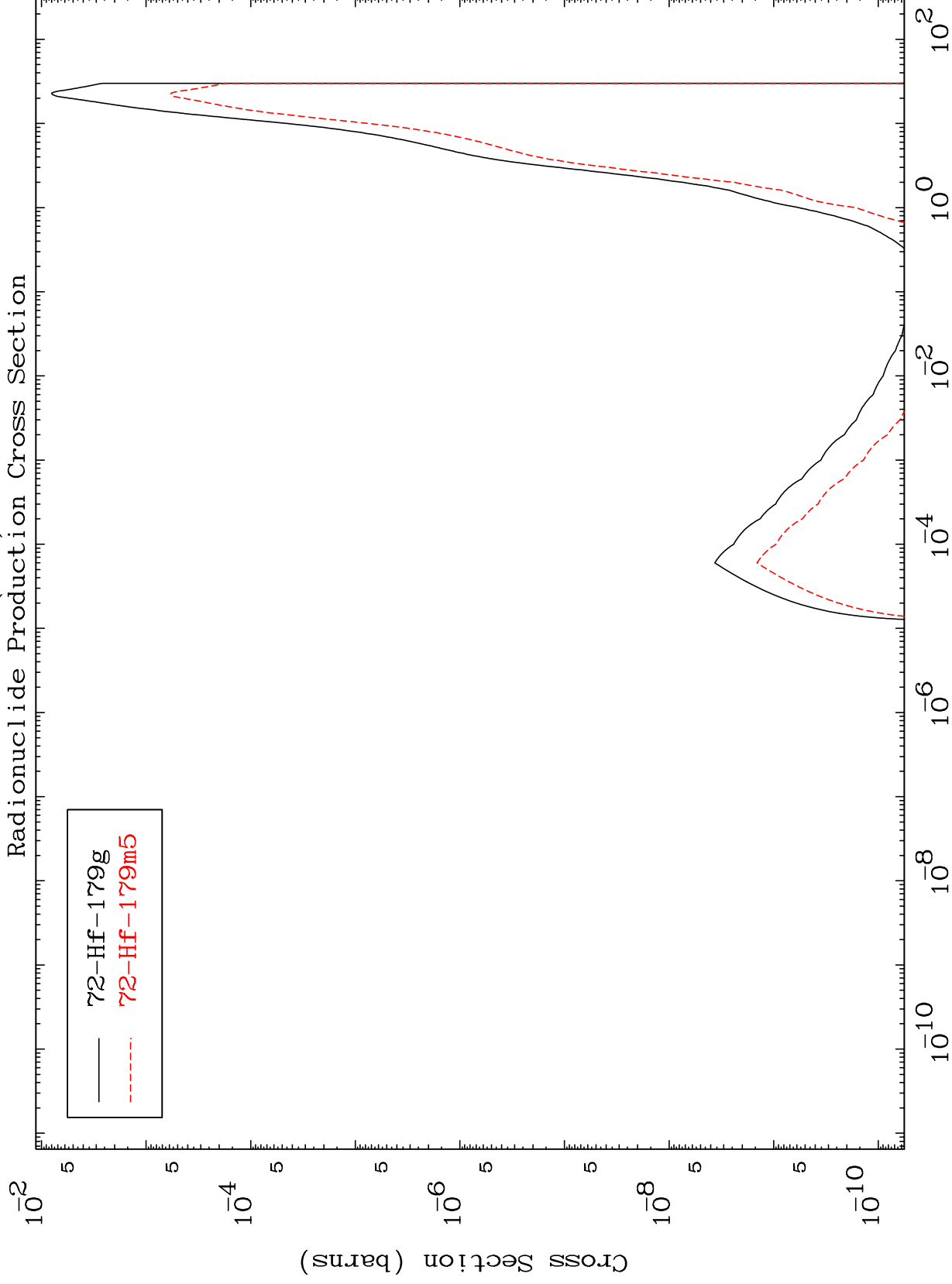


MAT 7431

(n,  $\alpha$ )

74-W -182

Radionuclide Production Cross Section



90

Incident Energy (MeV)

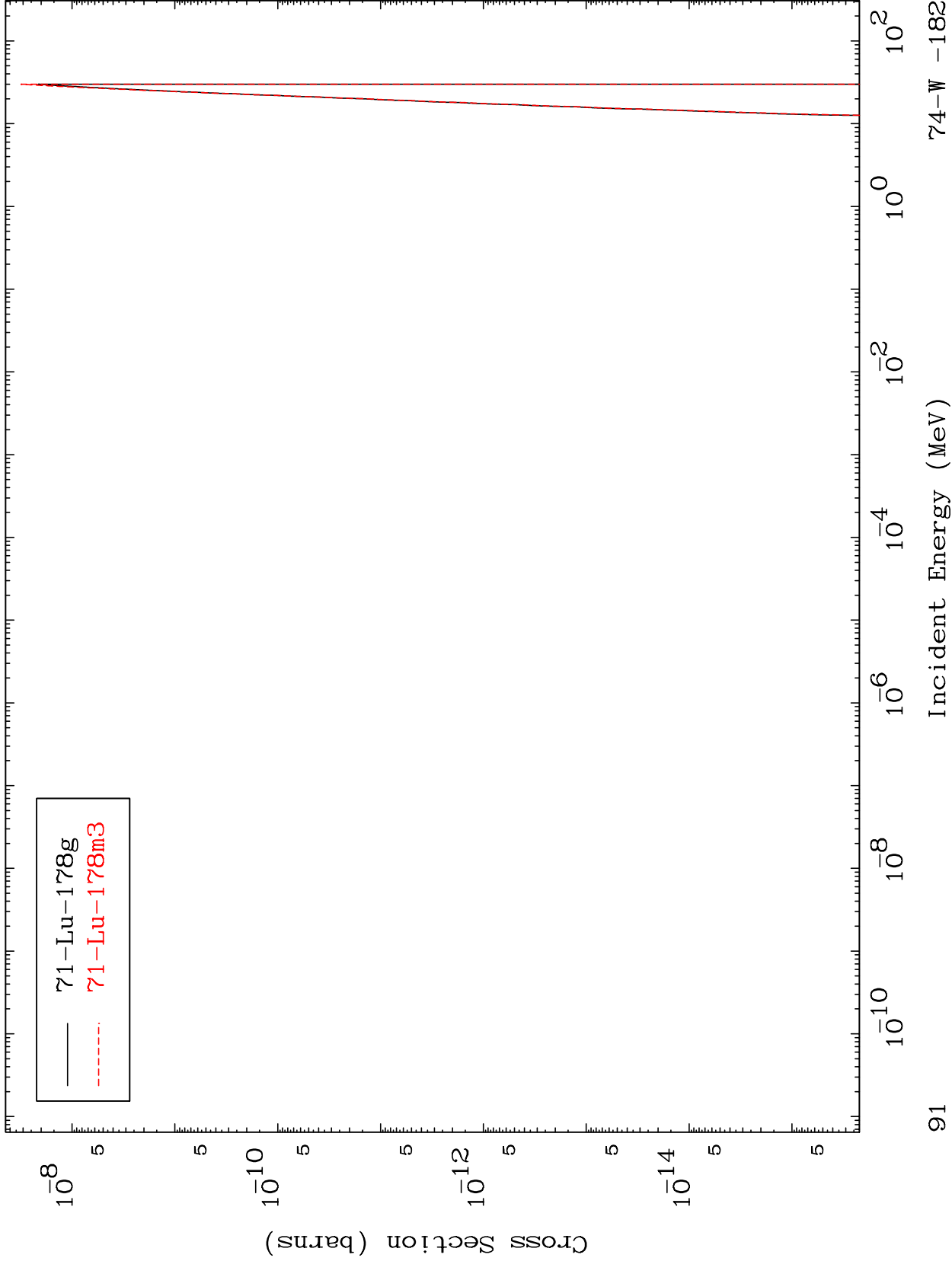
74-W -182

MAT 7431

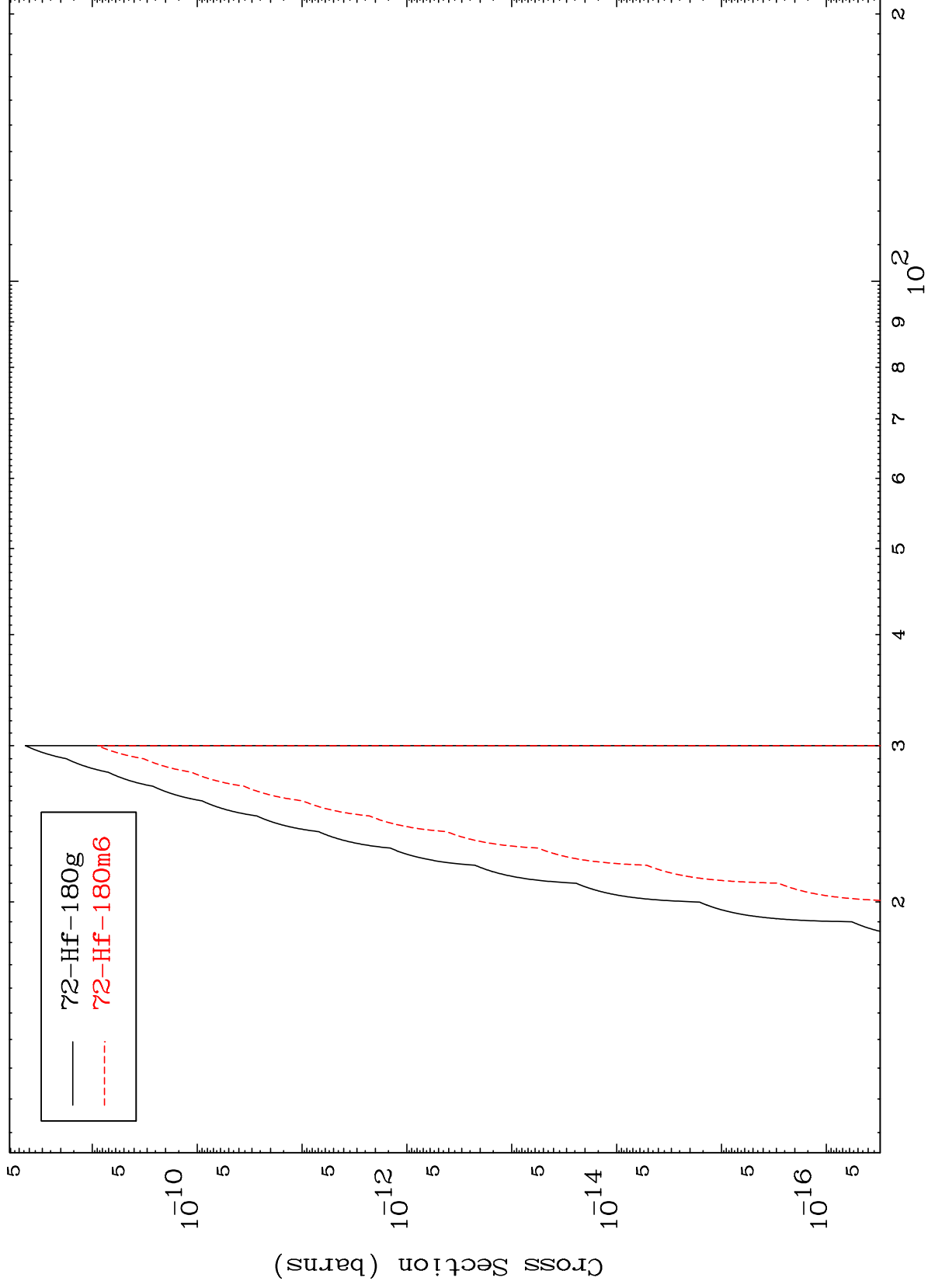
(n,p)  $\alpha$

74-W -182

Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

