

Program EVALPLOT  
(Version 2018-1)

by

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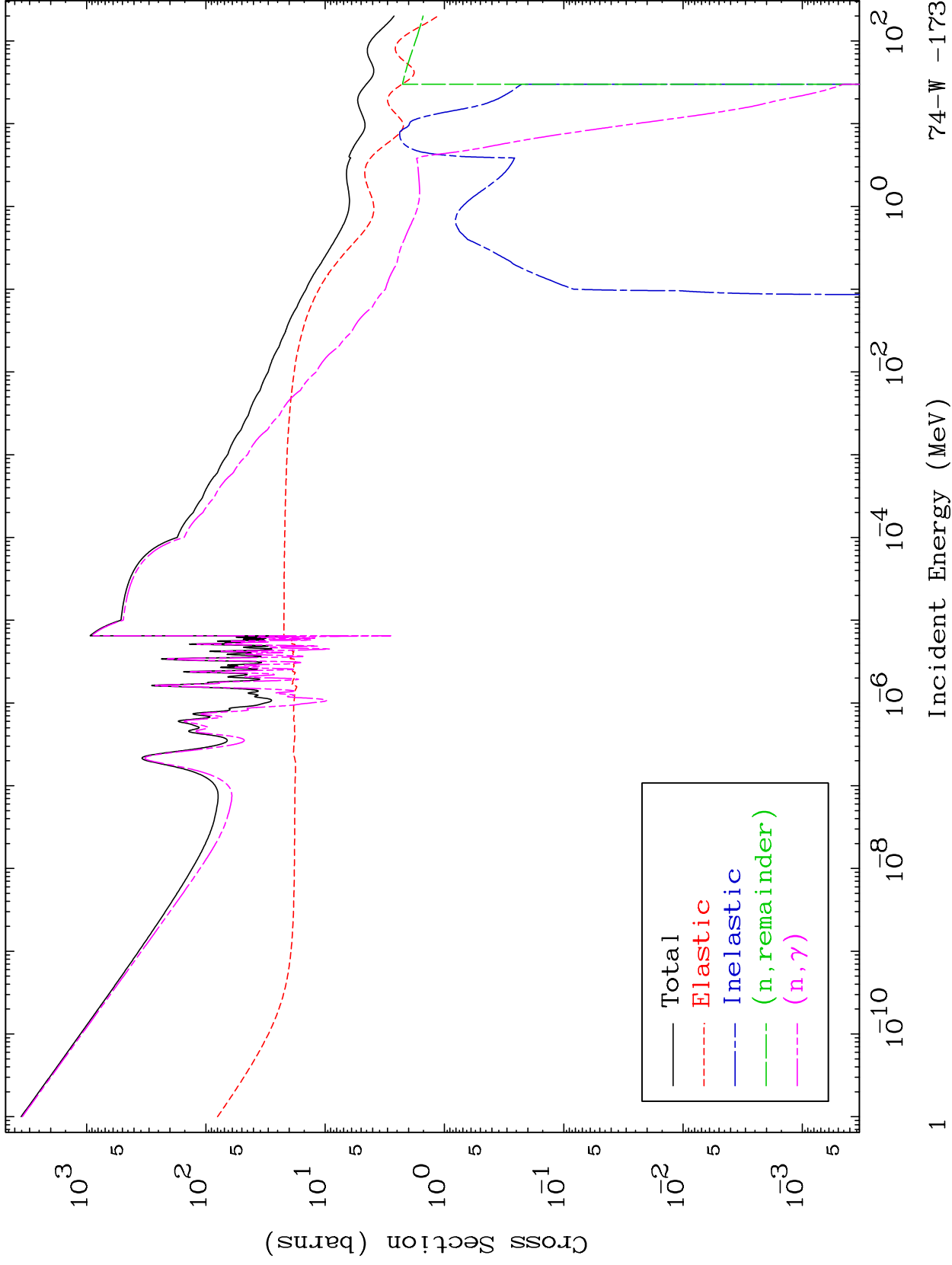
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7404

Major  
293 Kelvin Cross Sections

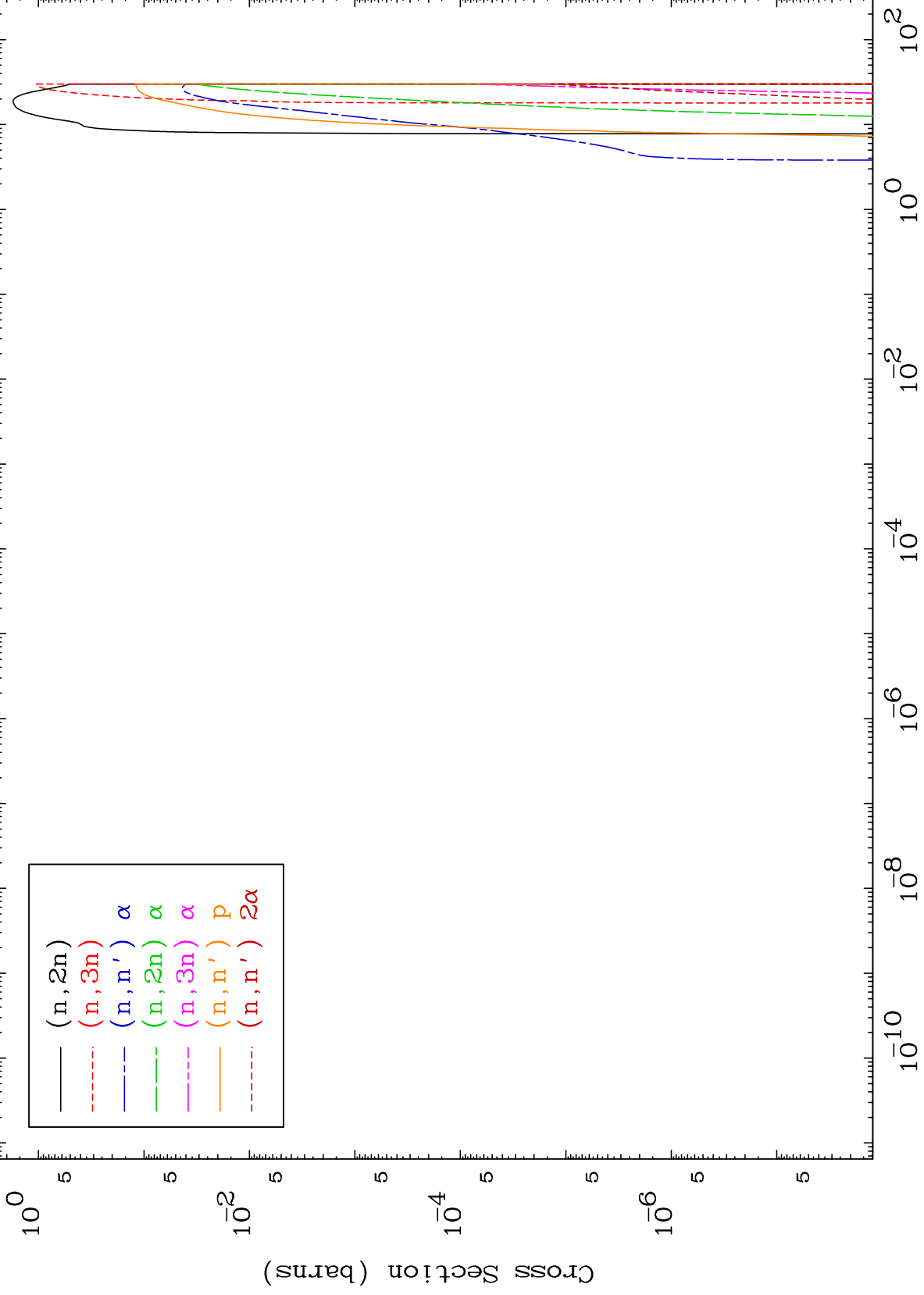
74-W -173



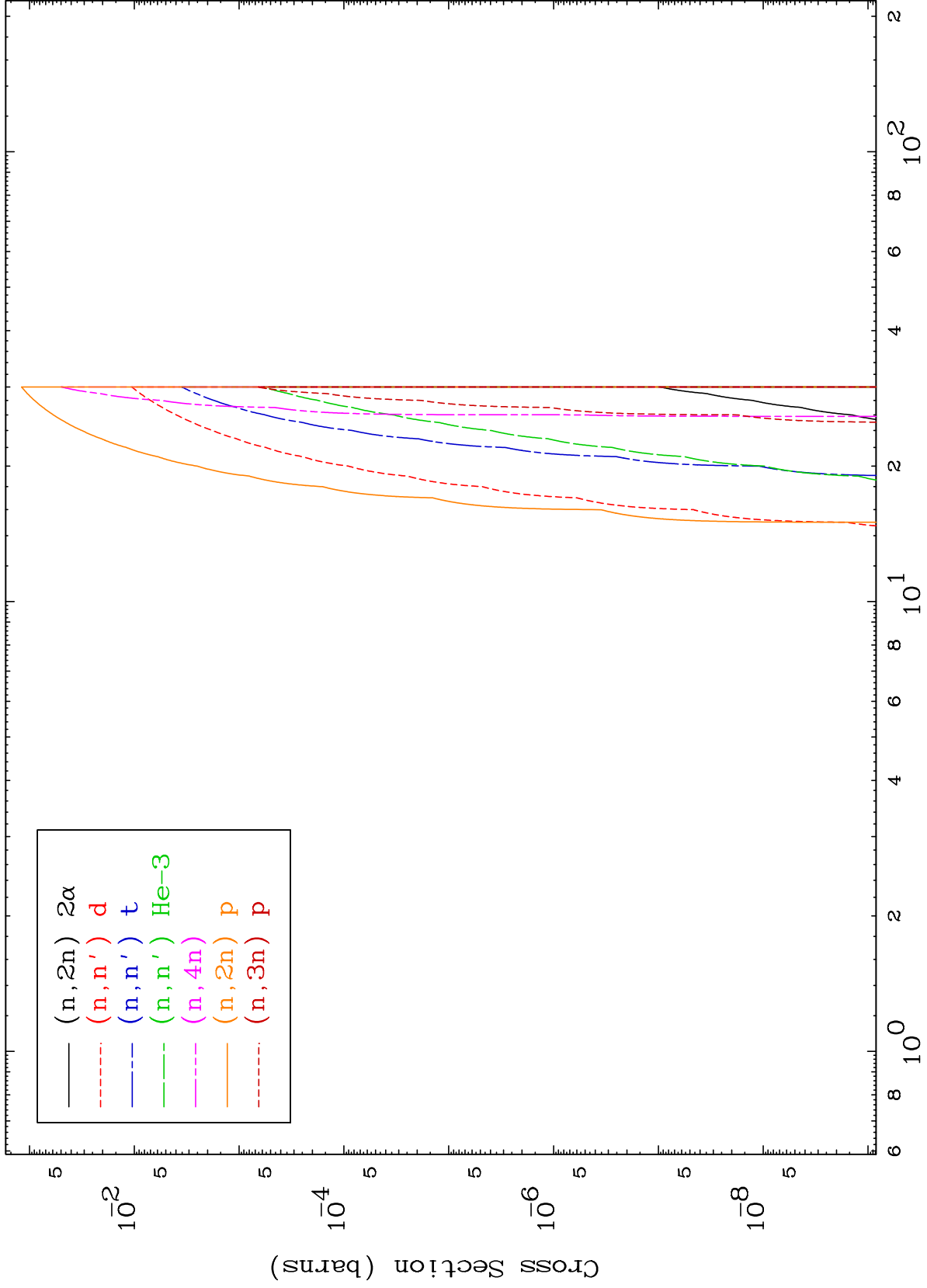
MAT 7404

Neutron Production  
293 Kelvin Cross Sections

74-W -173



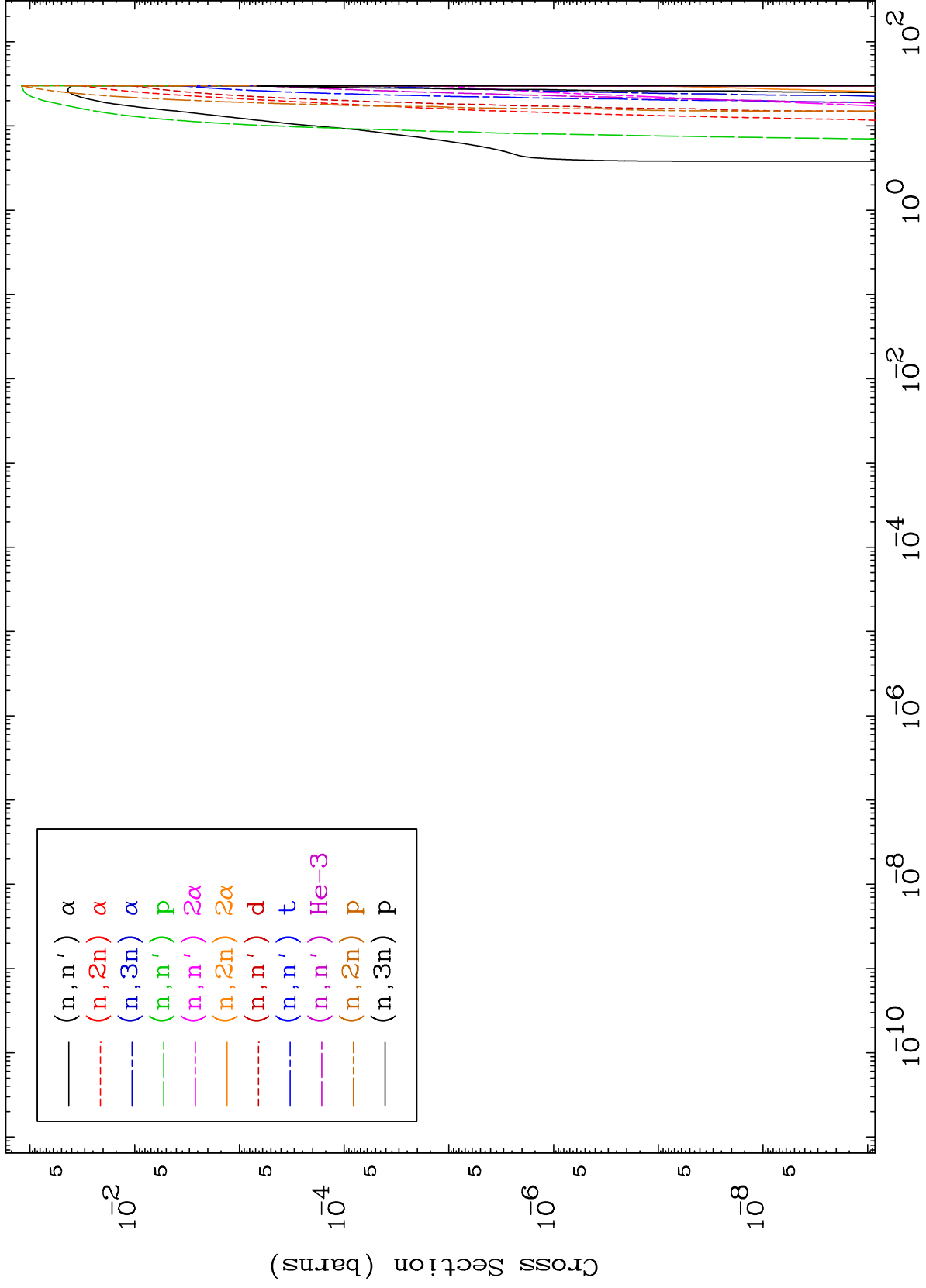
74-W -173



MAT 7404

Charged Particle  
293 Kelvin Cross Sections

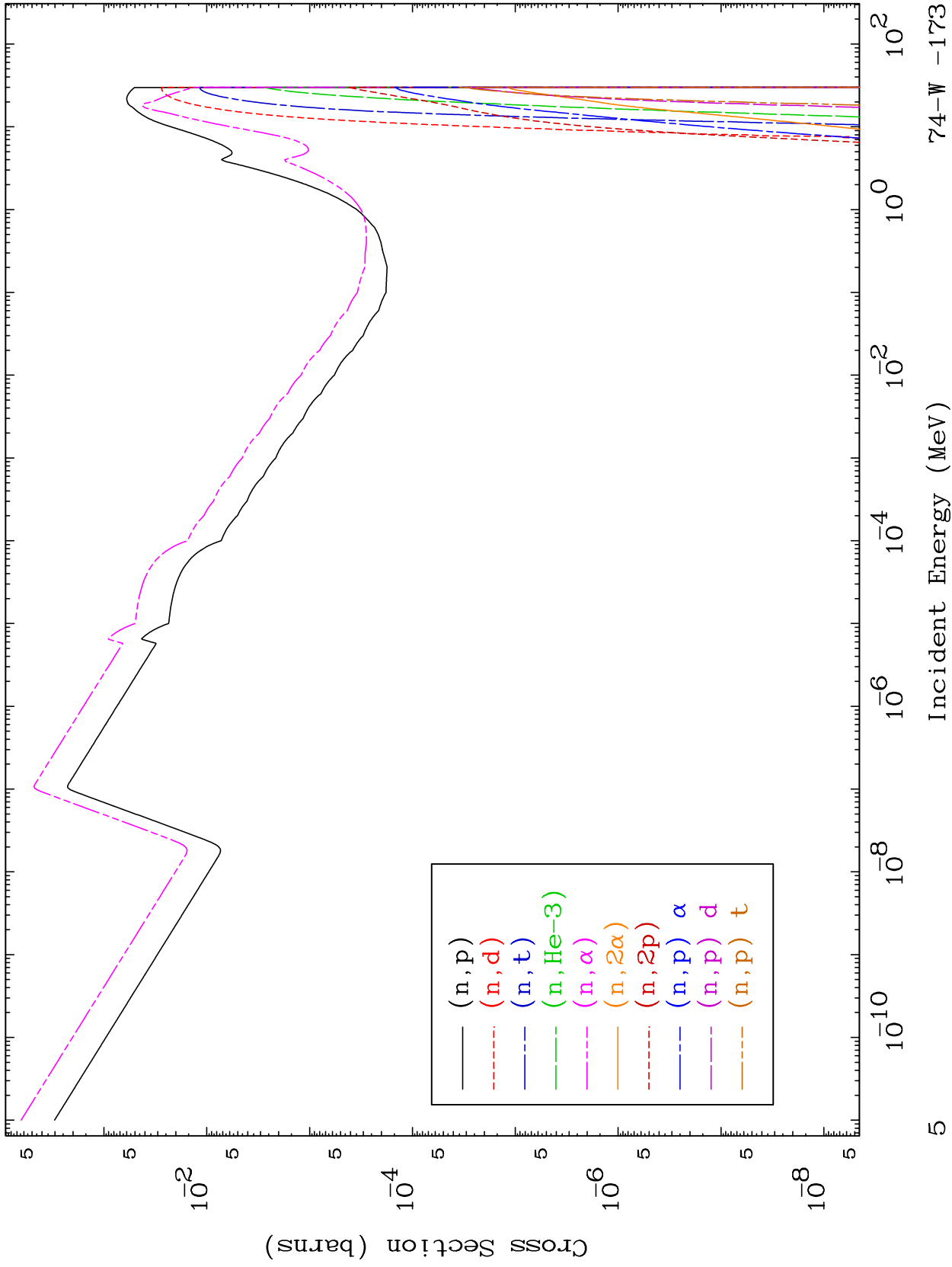
74-W -173



MAT 7404

Charged Particle  
293 Kelvin Cross Sections

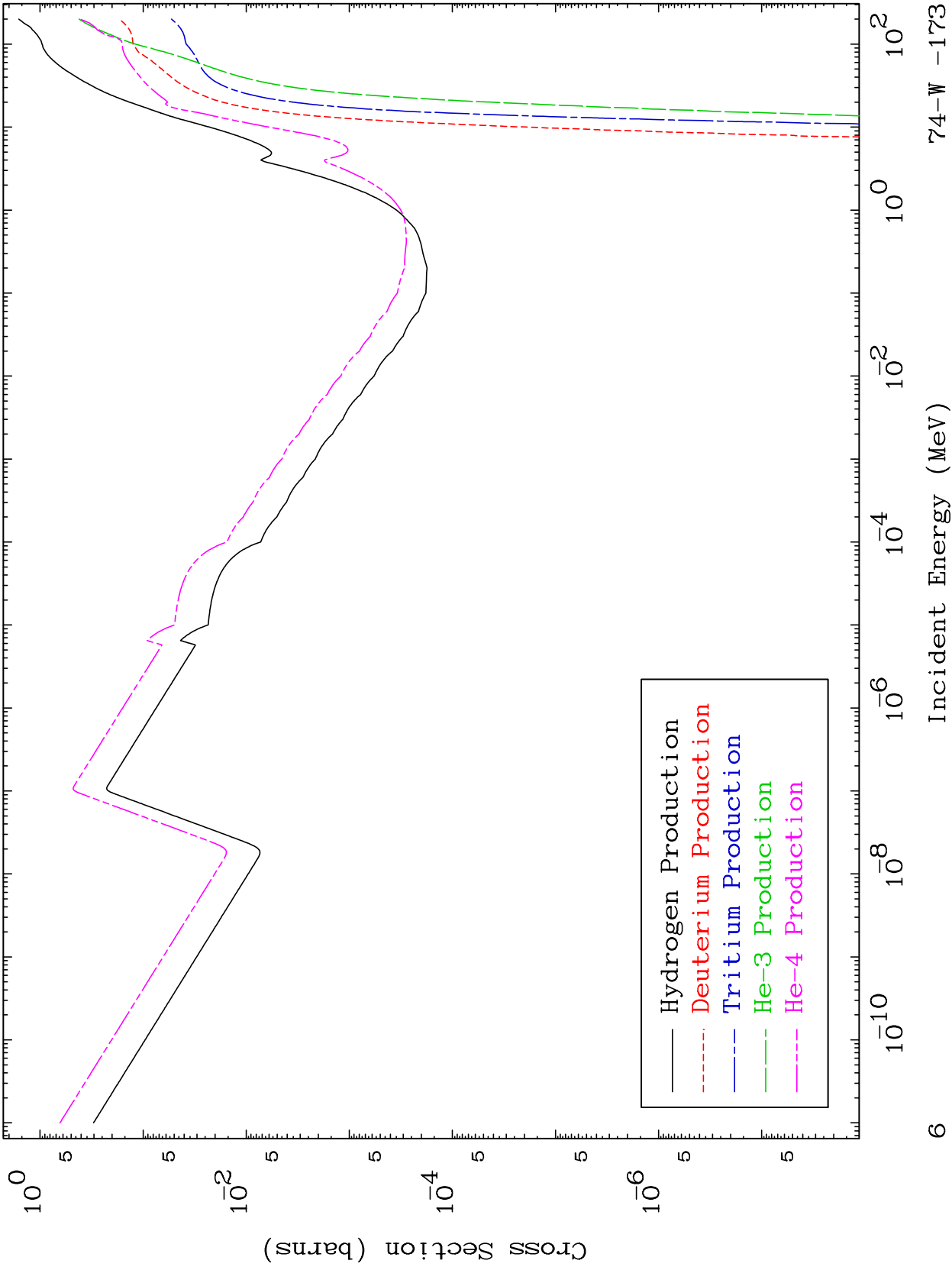
74-W -173

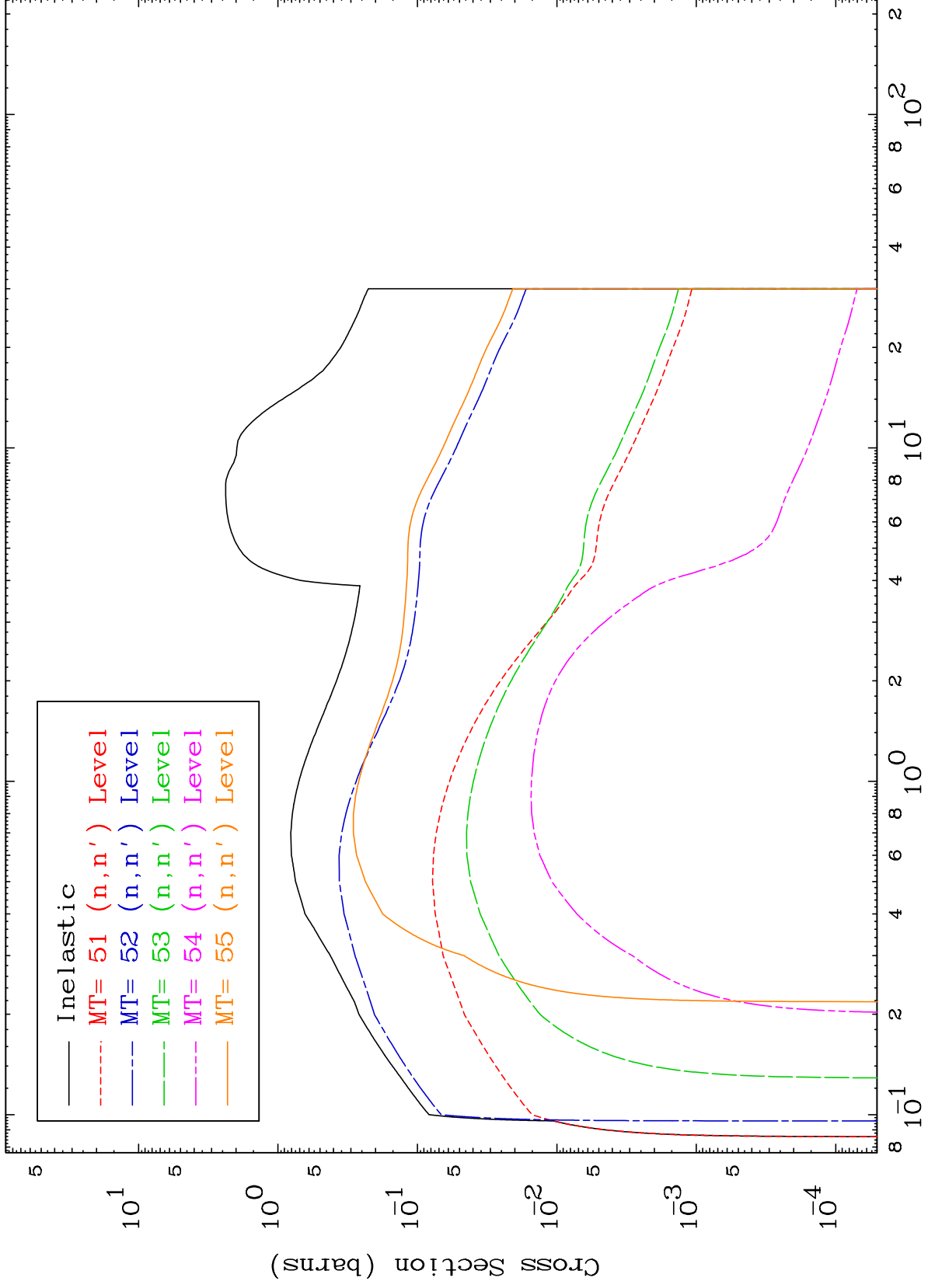


MAT 7404

Particle Production  
293 Kelvin Cross Sections

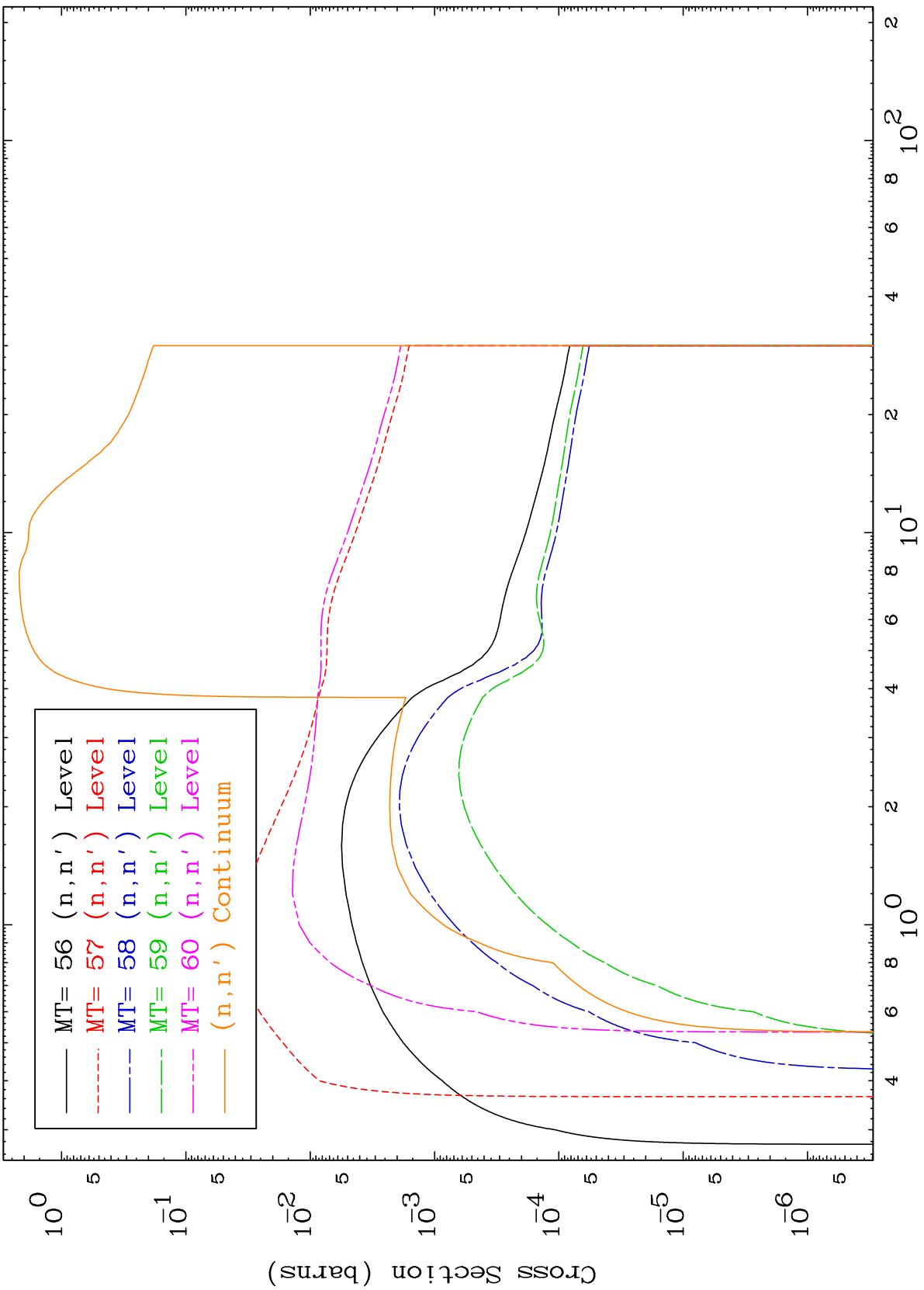
74-W -173







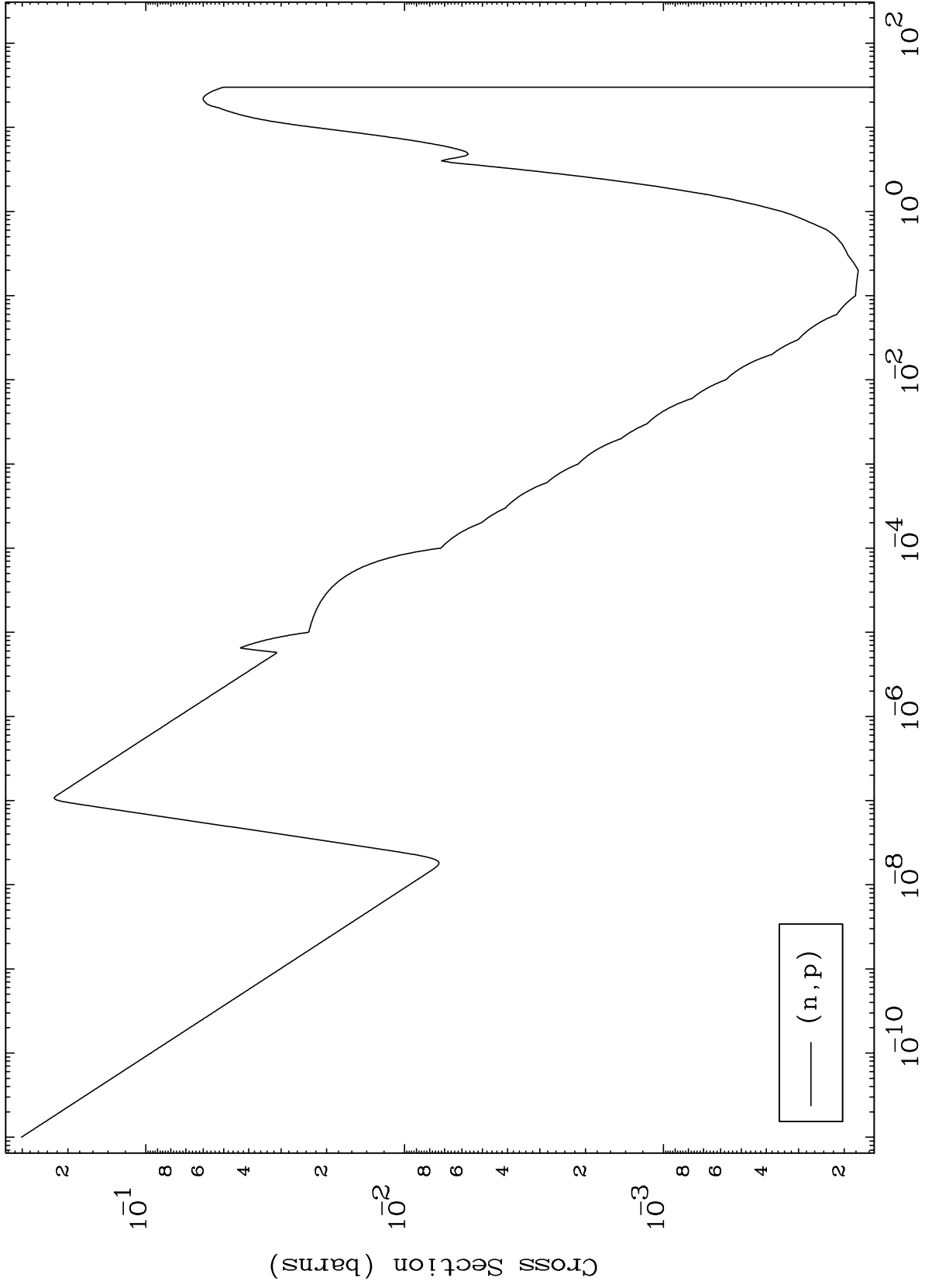
(n,n') Level  
293 Kelvin Cross Sections



MAT 7404

(n,p) Levels  
293 Kelvin Cross Sections

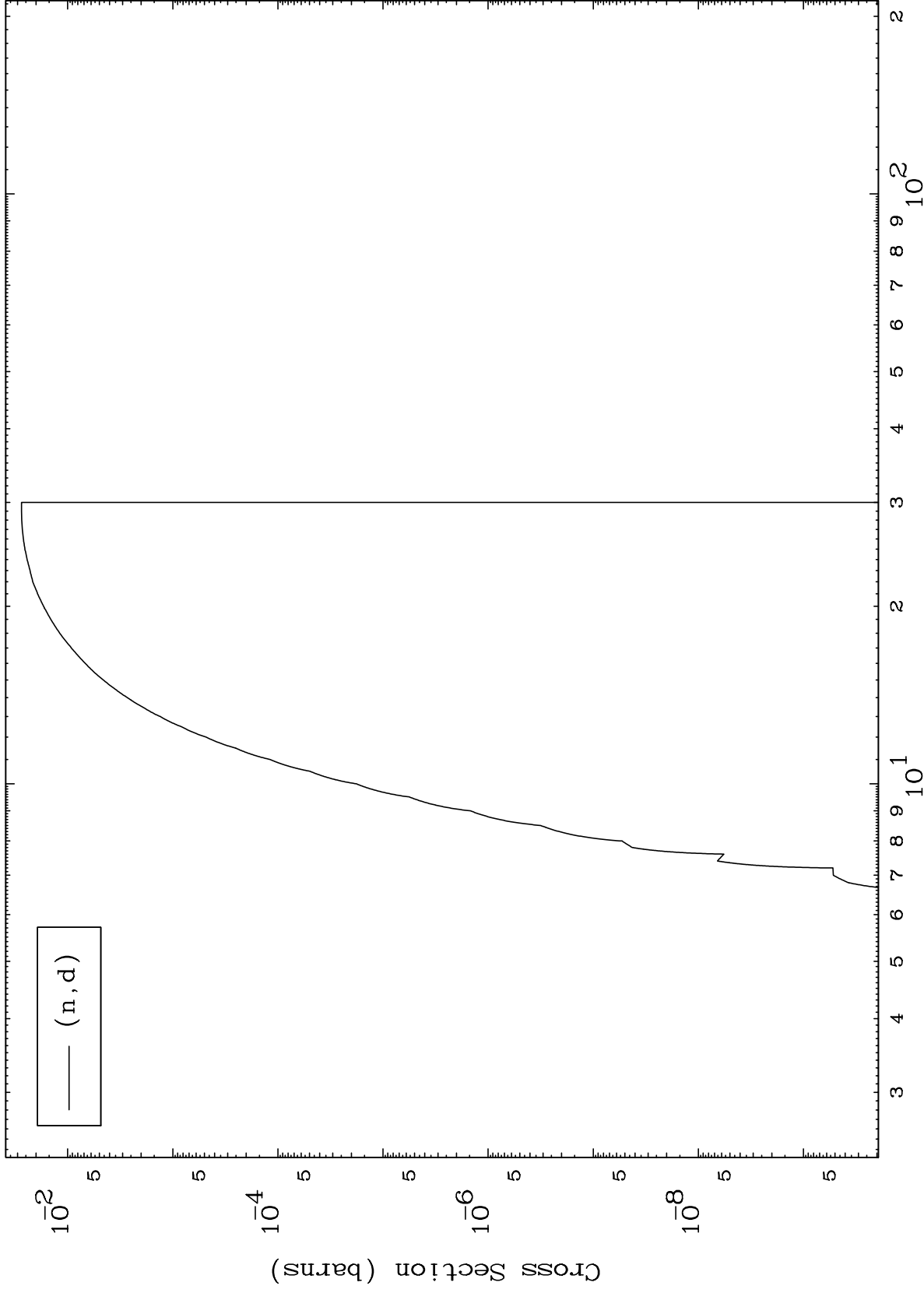
74-W -173



MAT 7404

(n,d) Levels  
293 Kelvin Cross Sections

74-W -173



10

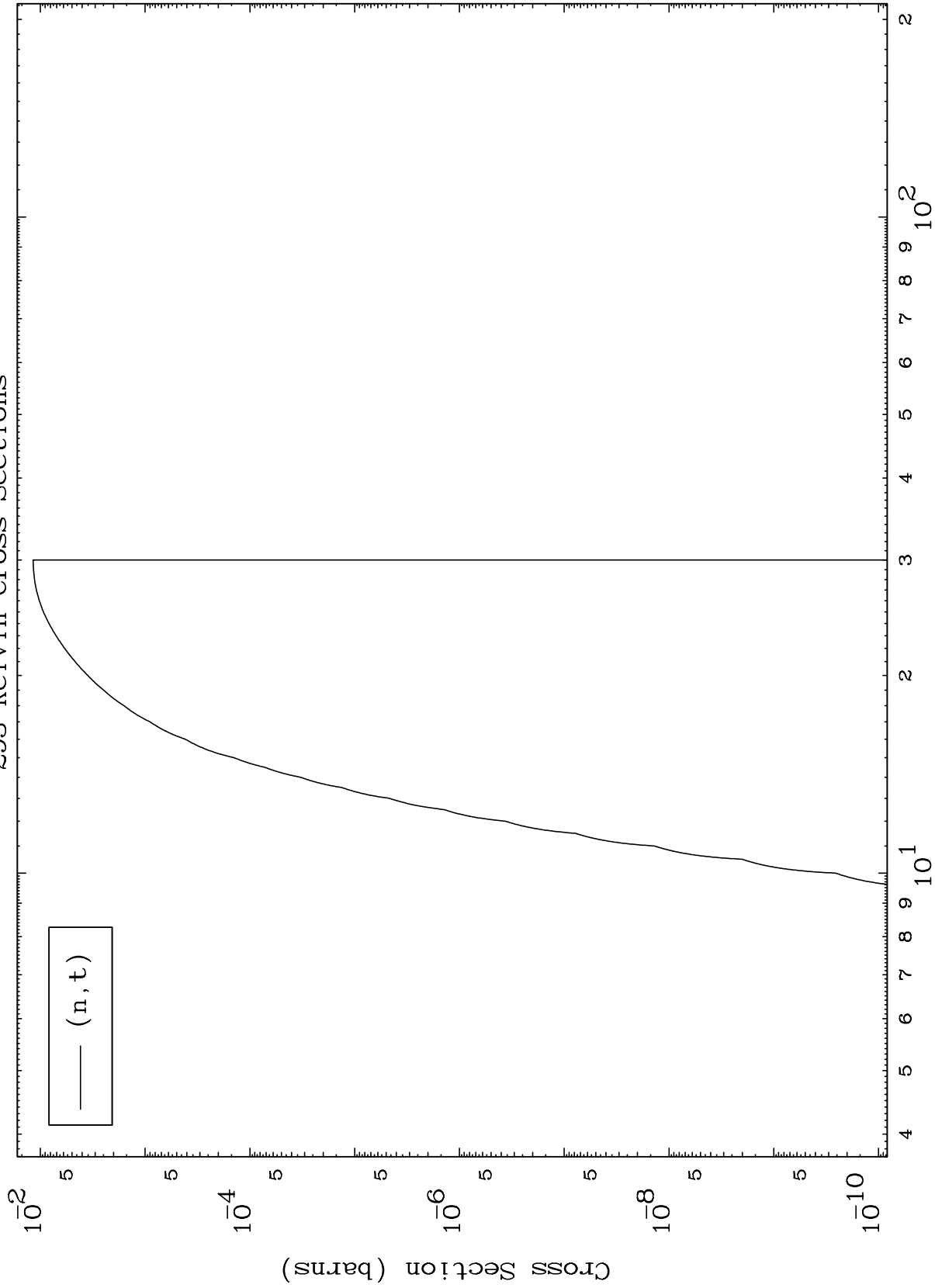
Incident Energy (MeV)

74-W -173

MAT 7404

(n,t) Levels  
293 Kelvin Cross Sections

74-W -173



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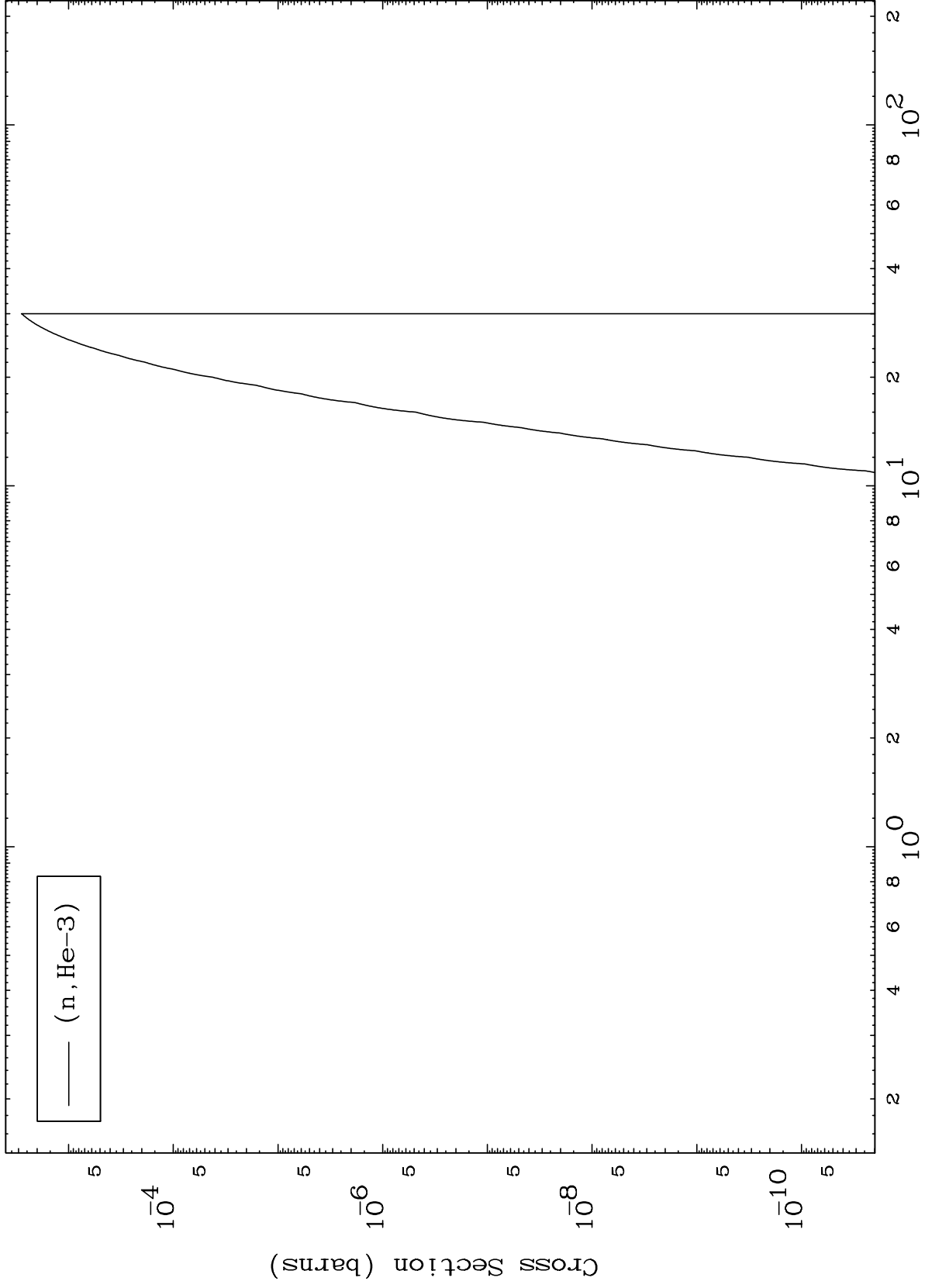
Incident Energy (MeV)

74-W -173

MAT 7404

(n,He3) Levels  
293 Kelvin Cross Sections

74-W -173



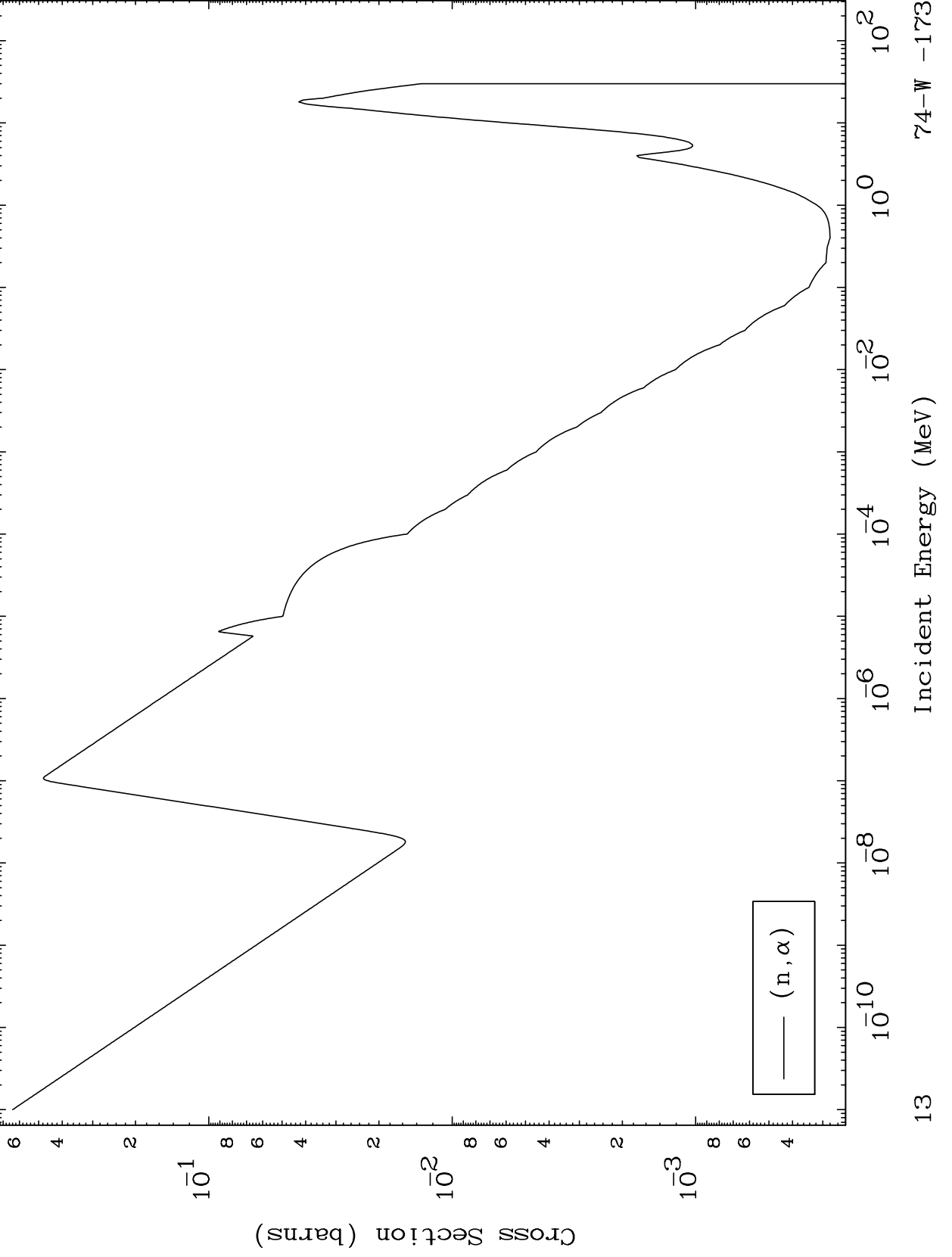
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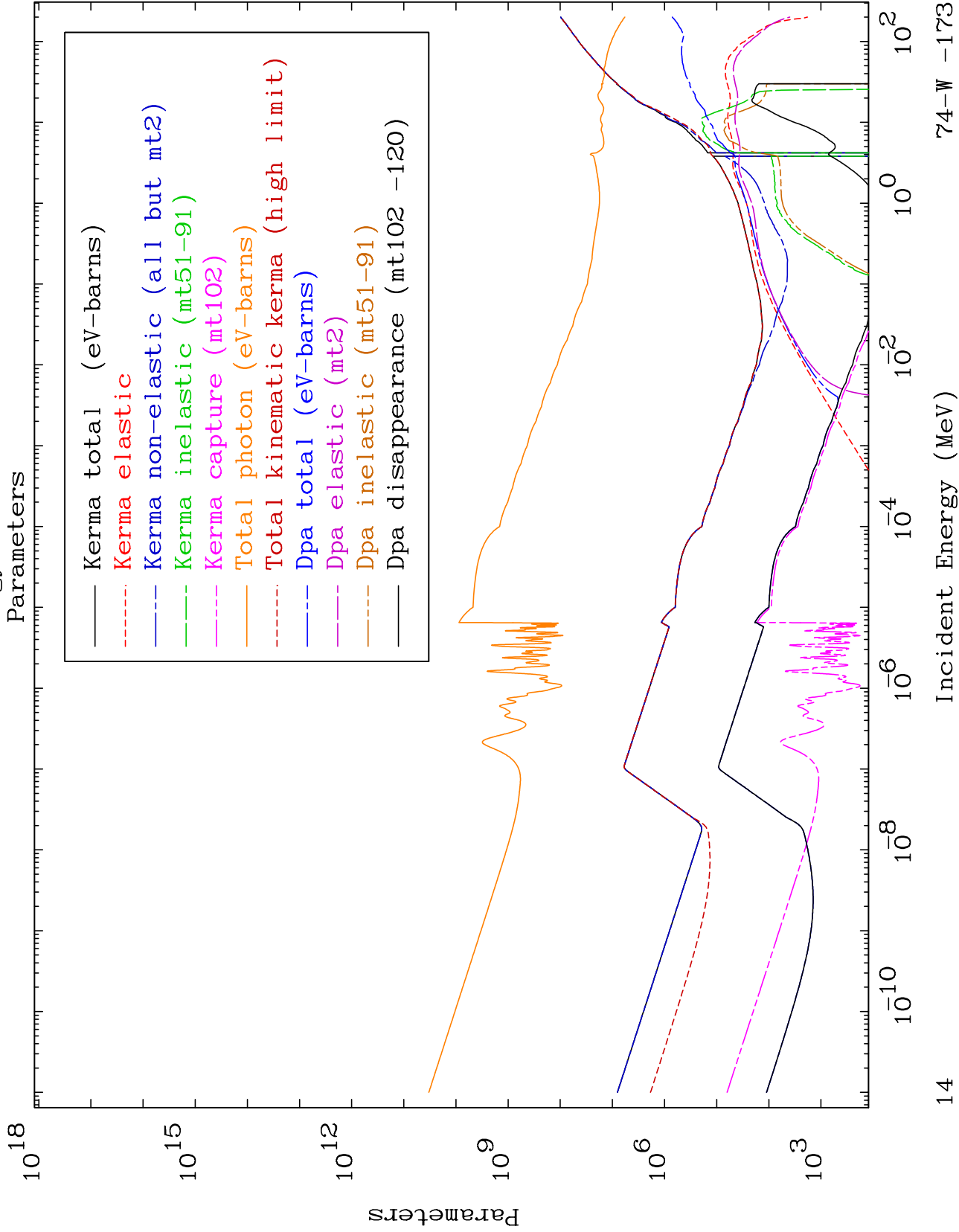
74-W -173

MAT 7404

(n,α) Levels  
293 Kelvin Cross Sections

74-W -173

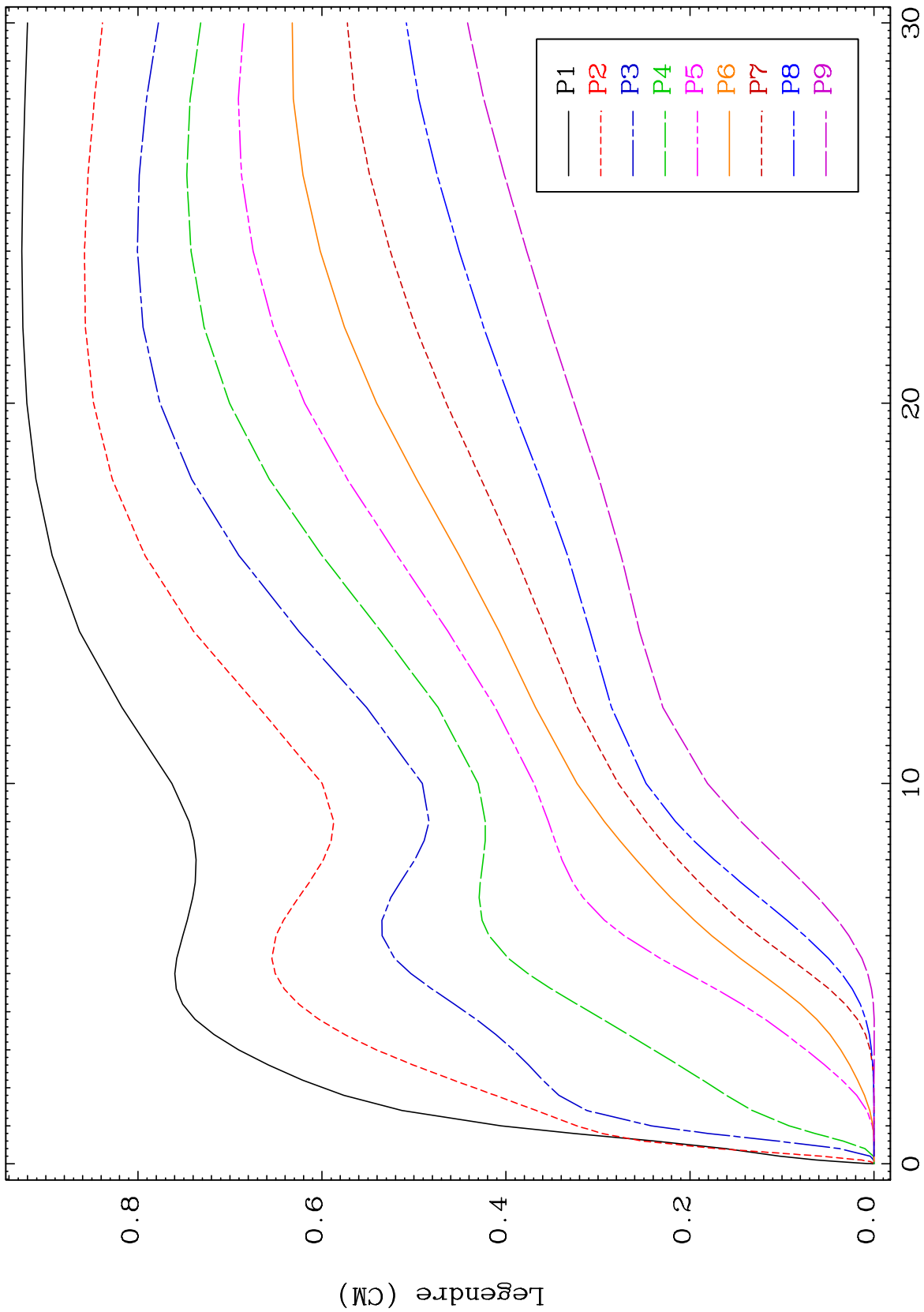




MAT 7404

74-W -173

Elastic Legendre Coefficients



74-W -173

Incident Energy (MeV)

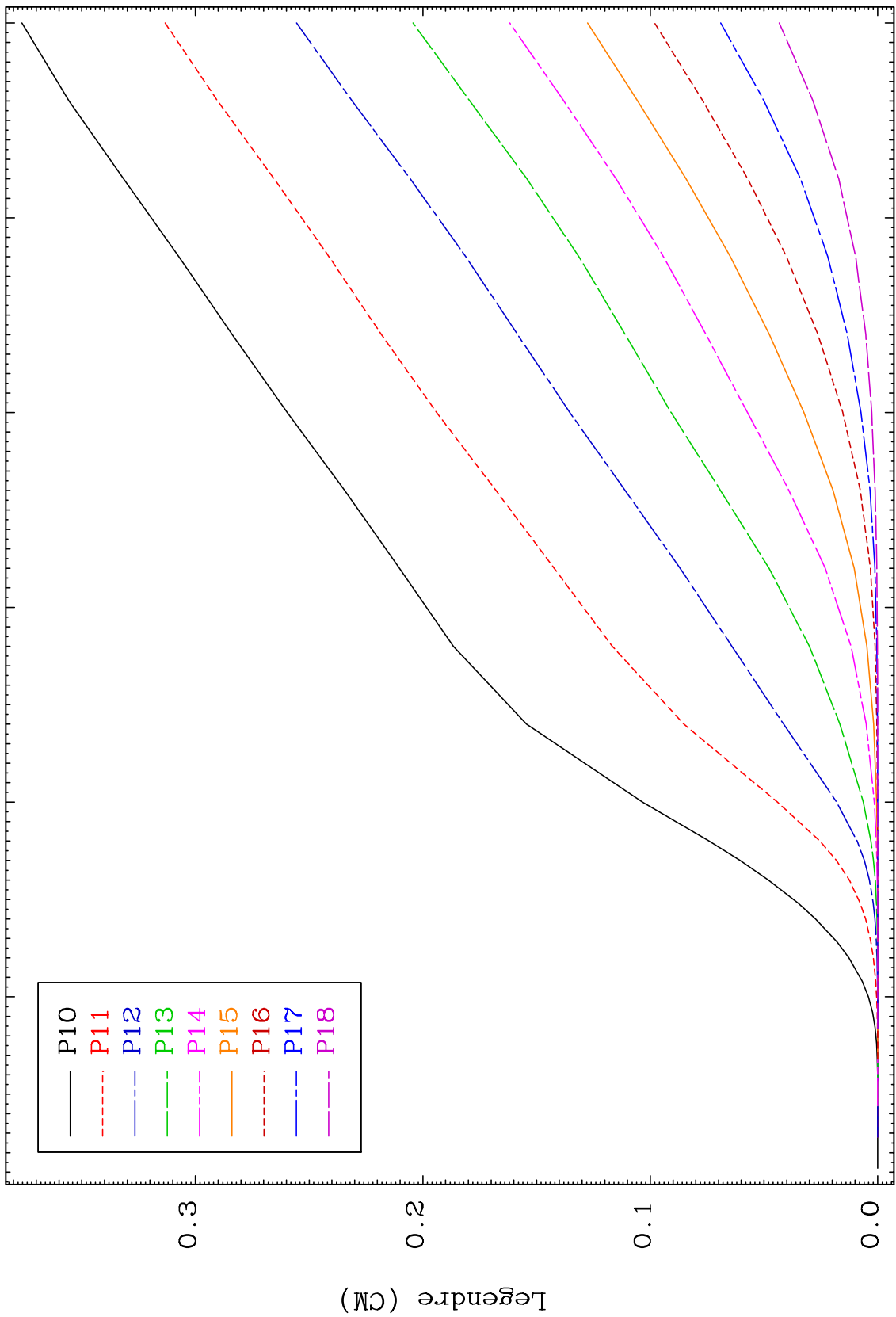
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MAT 7404

Elastic Legendre Coefficients

74-W -173



16

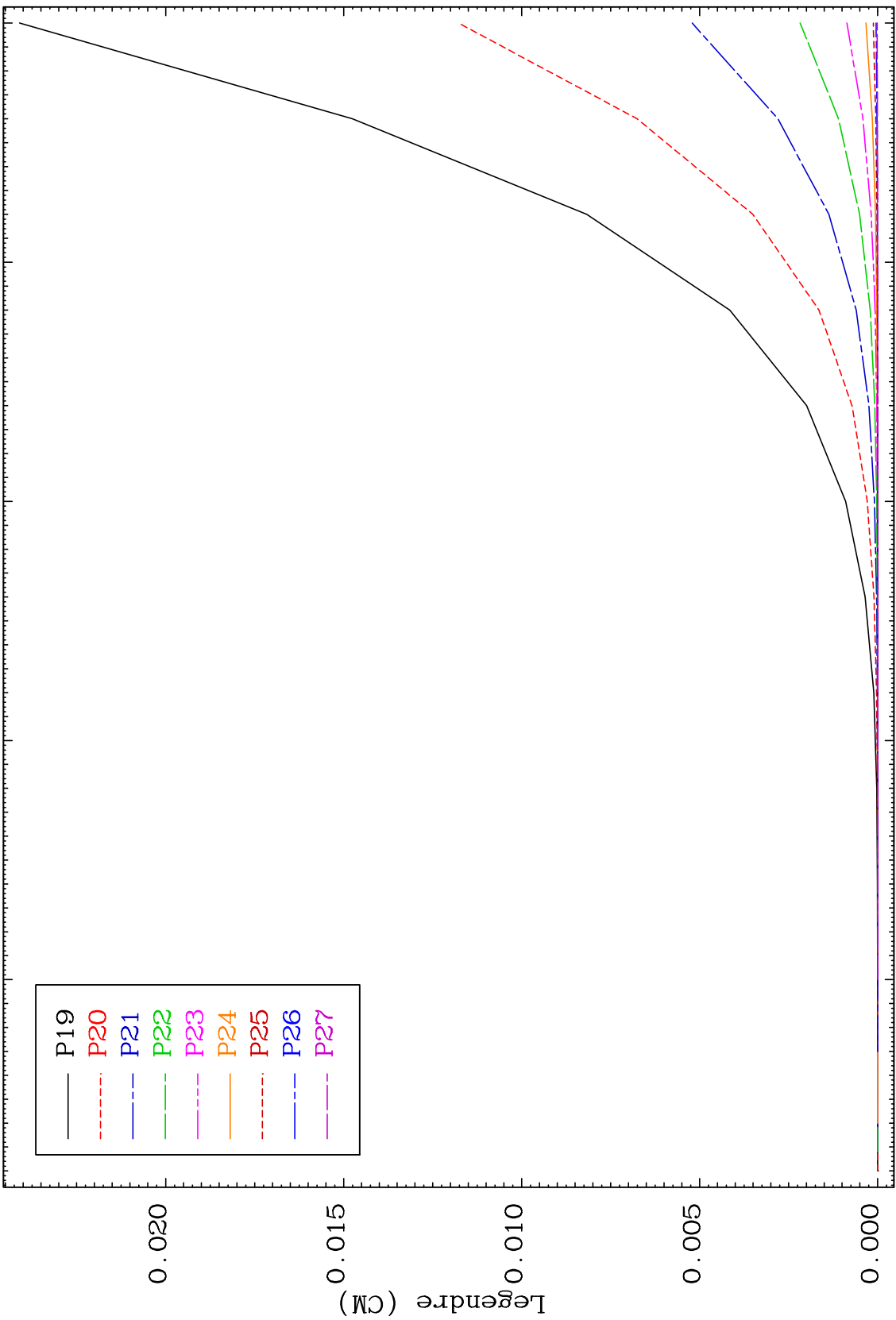
Incident Energy (MeV)

74-W -173

MAT 7404

Elastic Legendre Coefficients

74-W -173



17

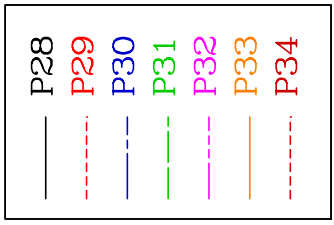
Incident Energy (MeV)

74-W -173

MAT 7404

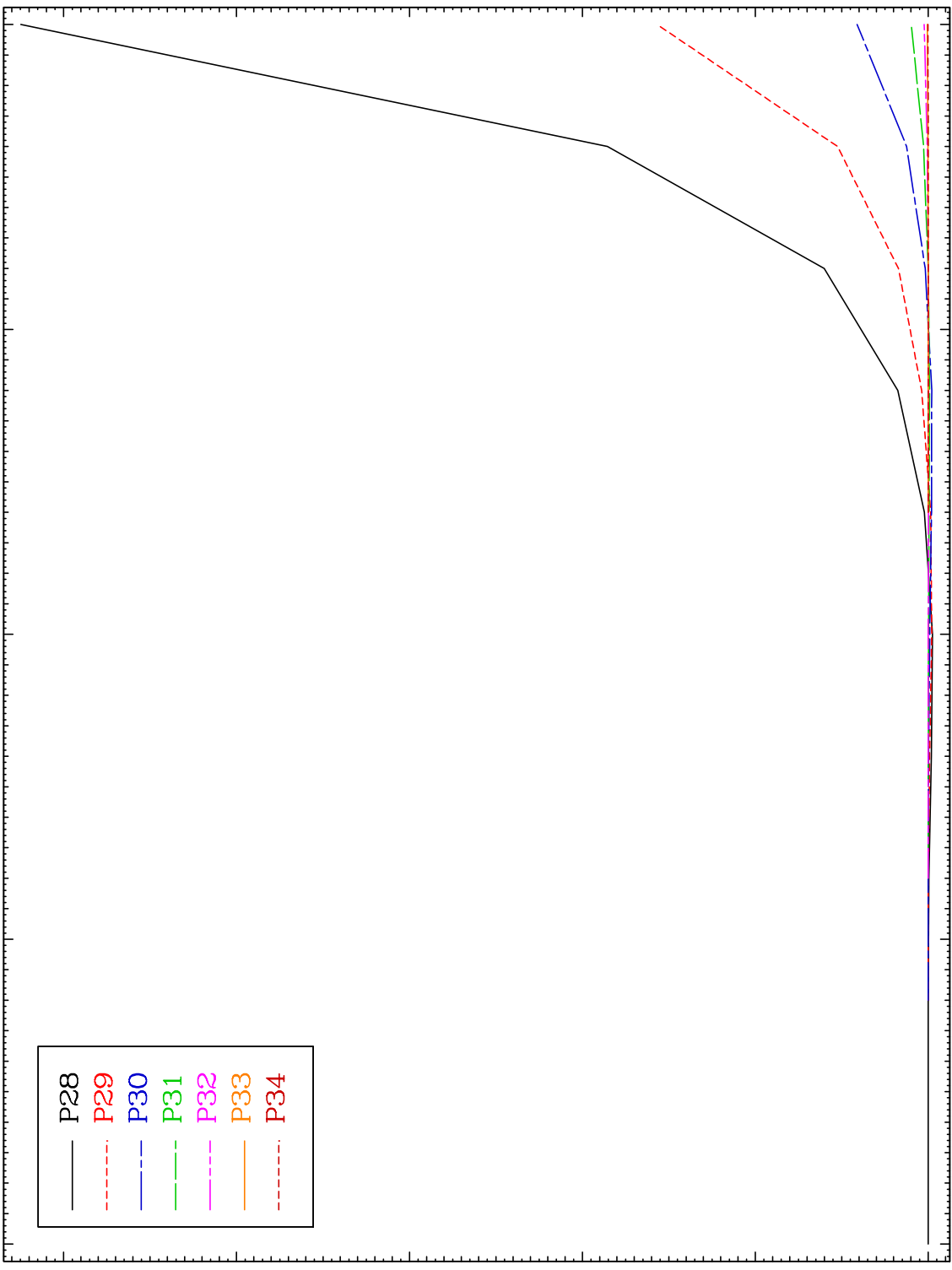
Elastic Legendre Coefficients

74-W -173



$\times 10^{-65}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

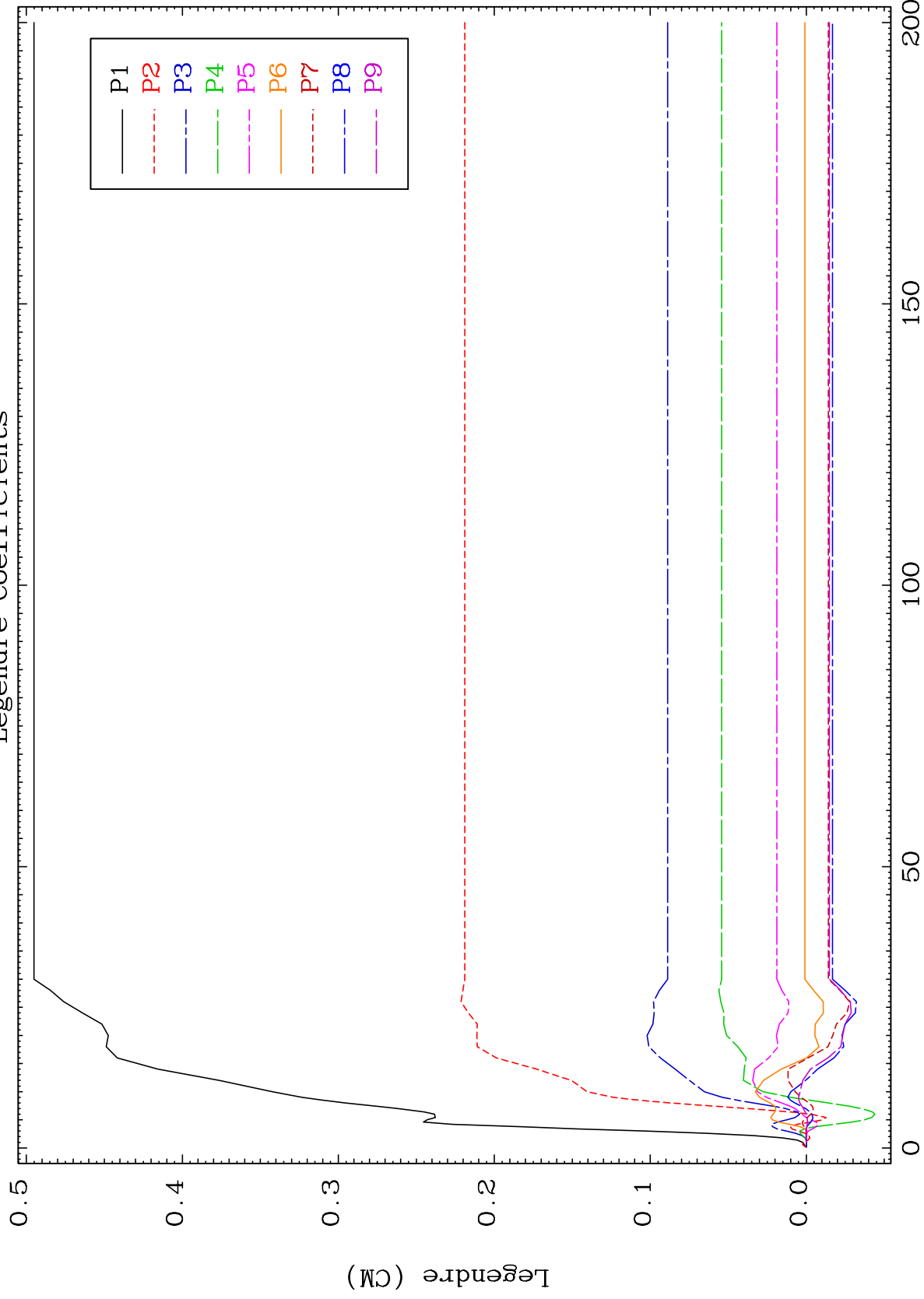
74-W -173

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MAT 7404

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

74-W -173



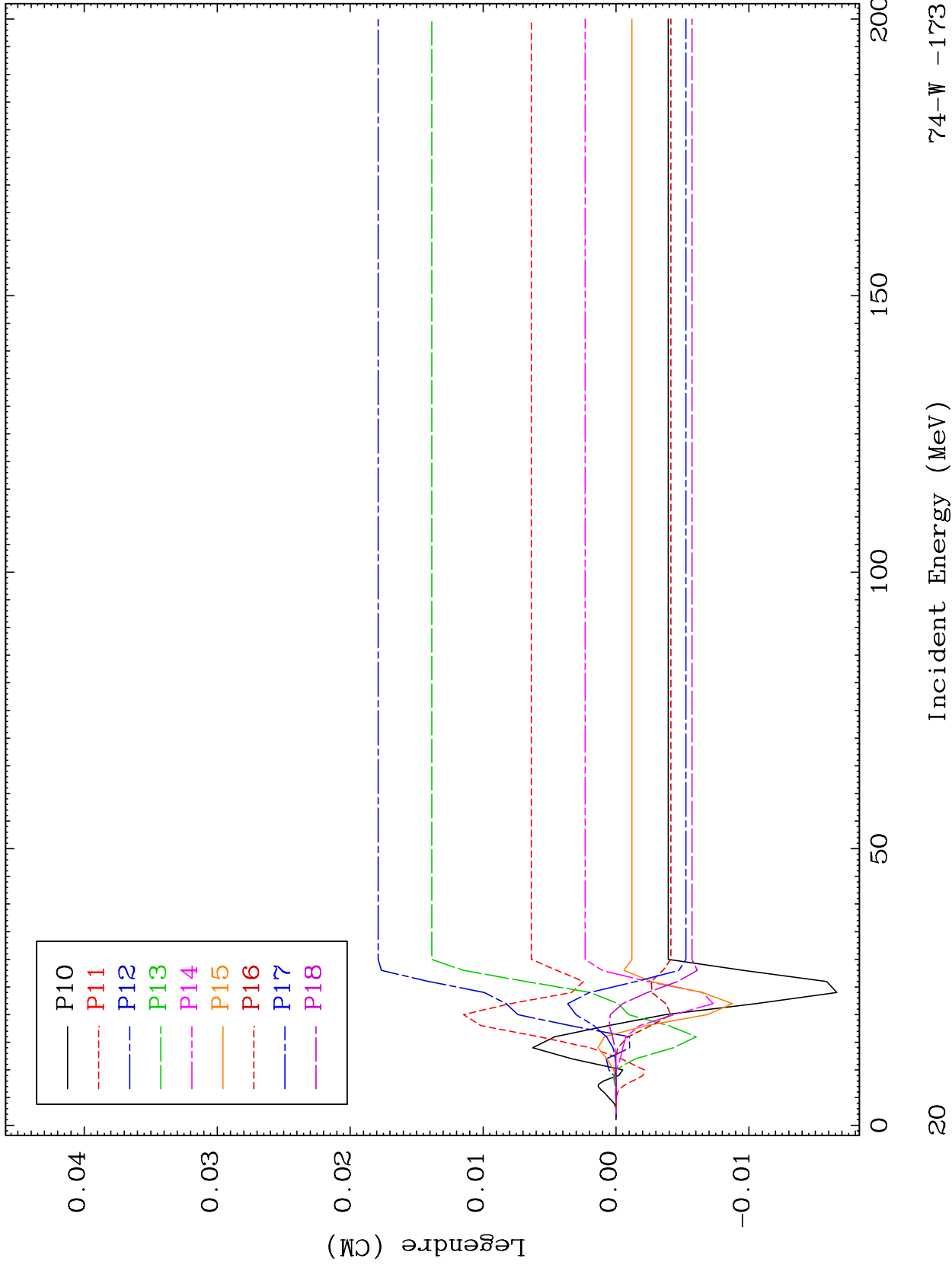
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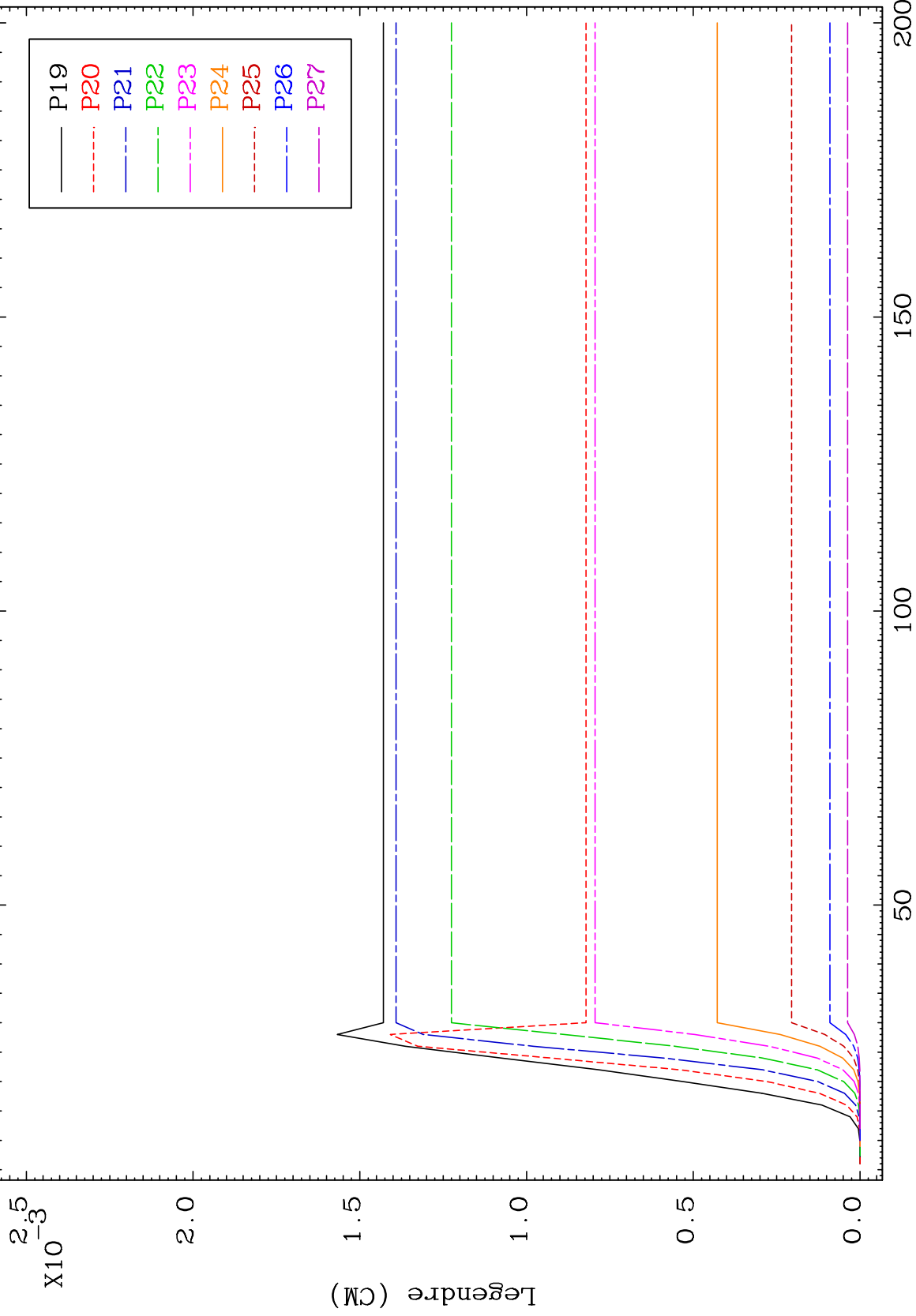
74-W -173

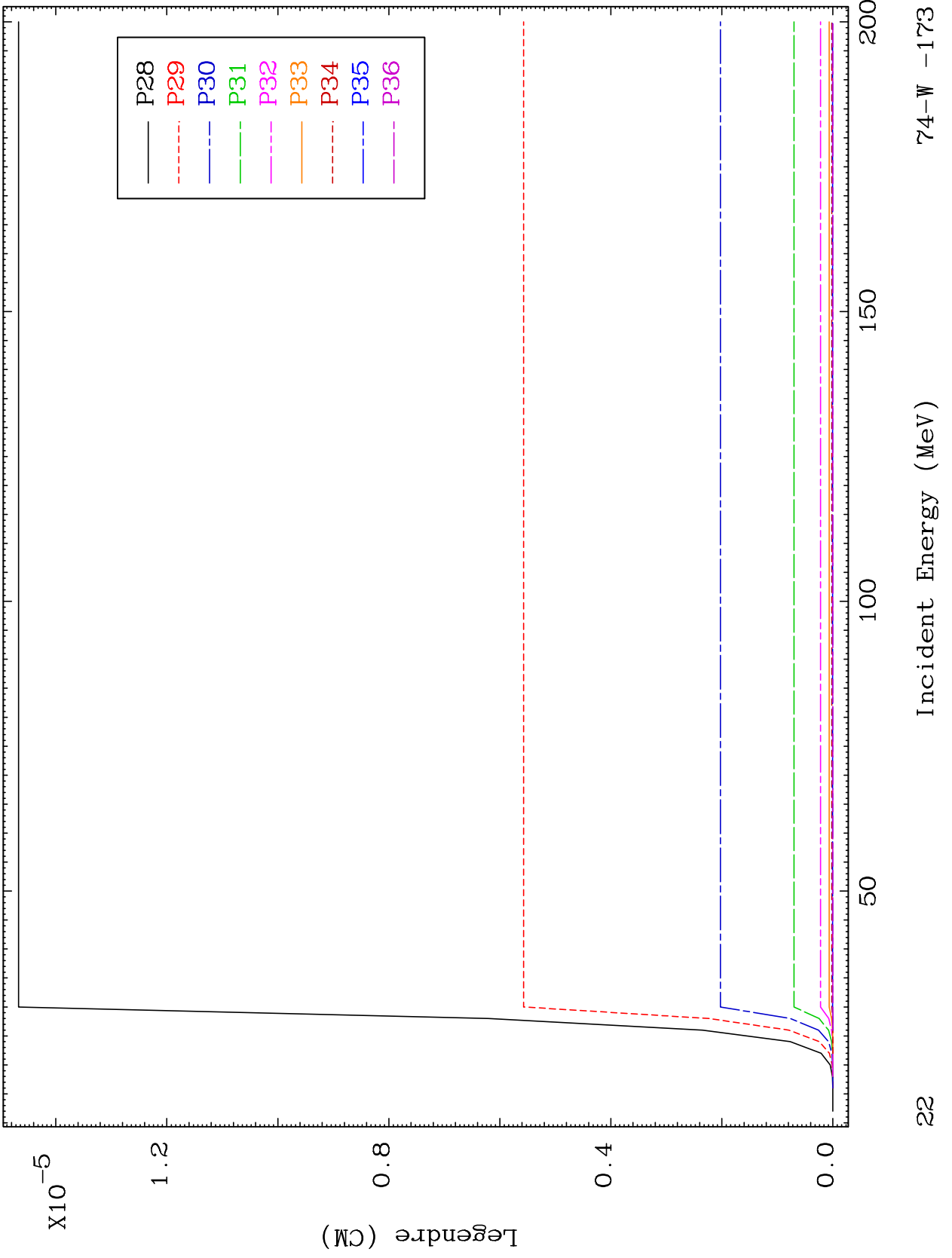
MAT 7404

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

74-W -173



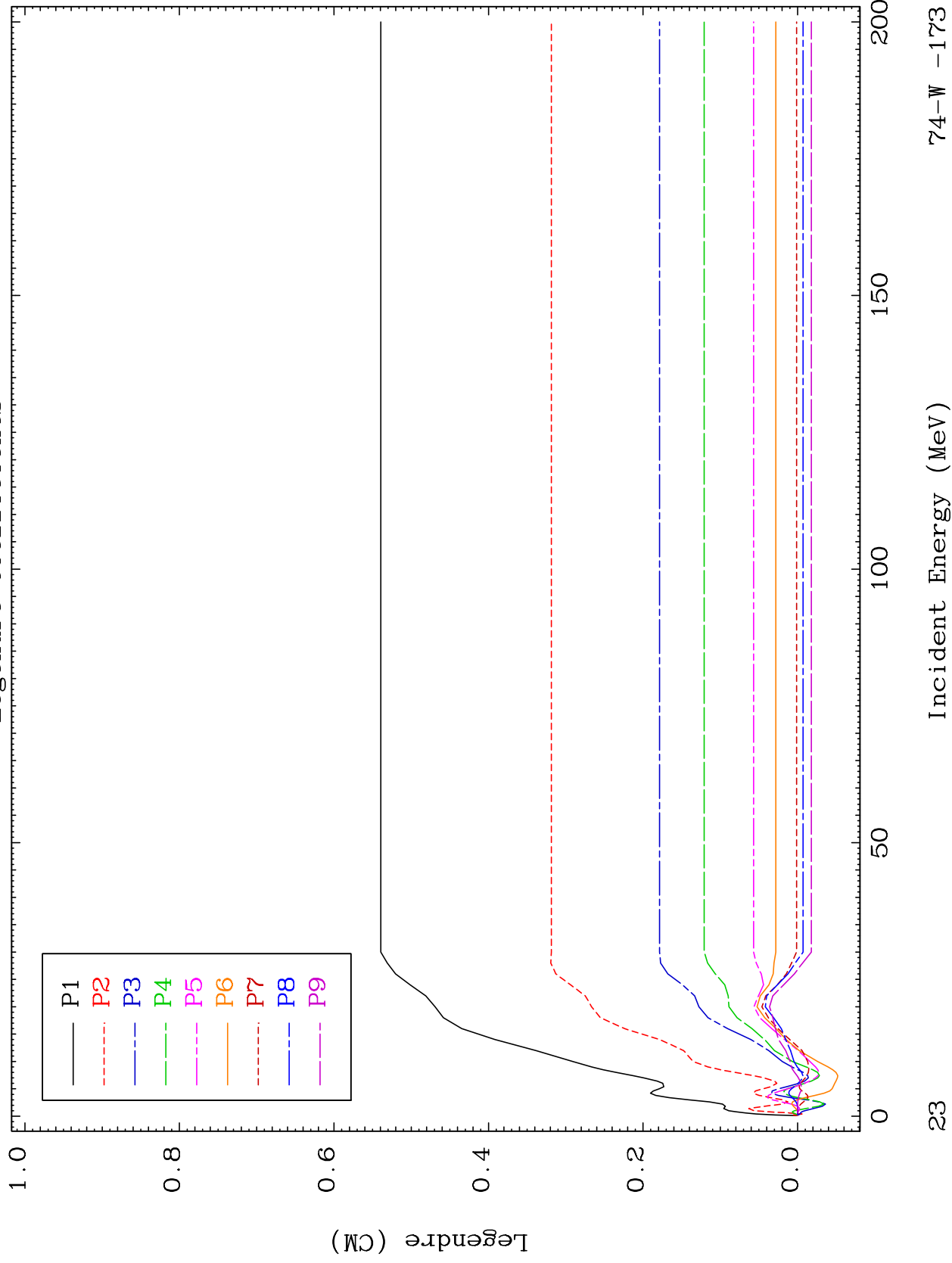




MAT 7404

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

74-W -173

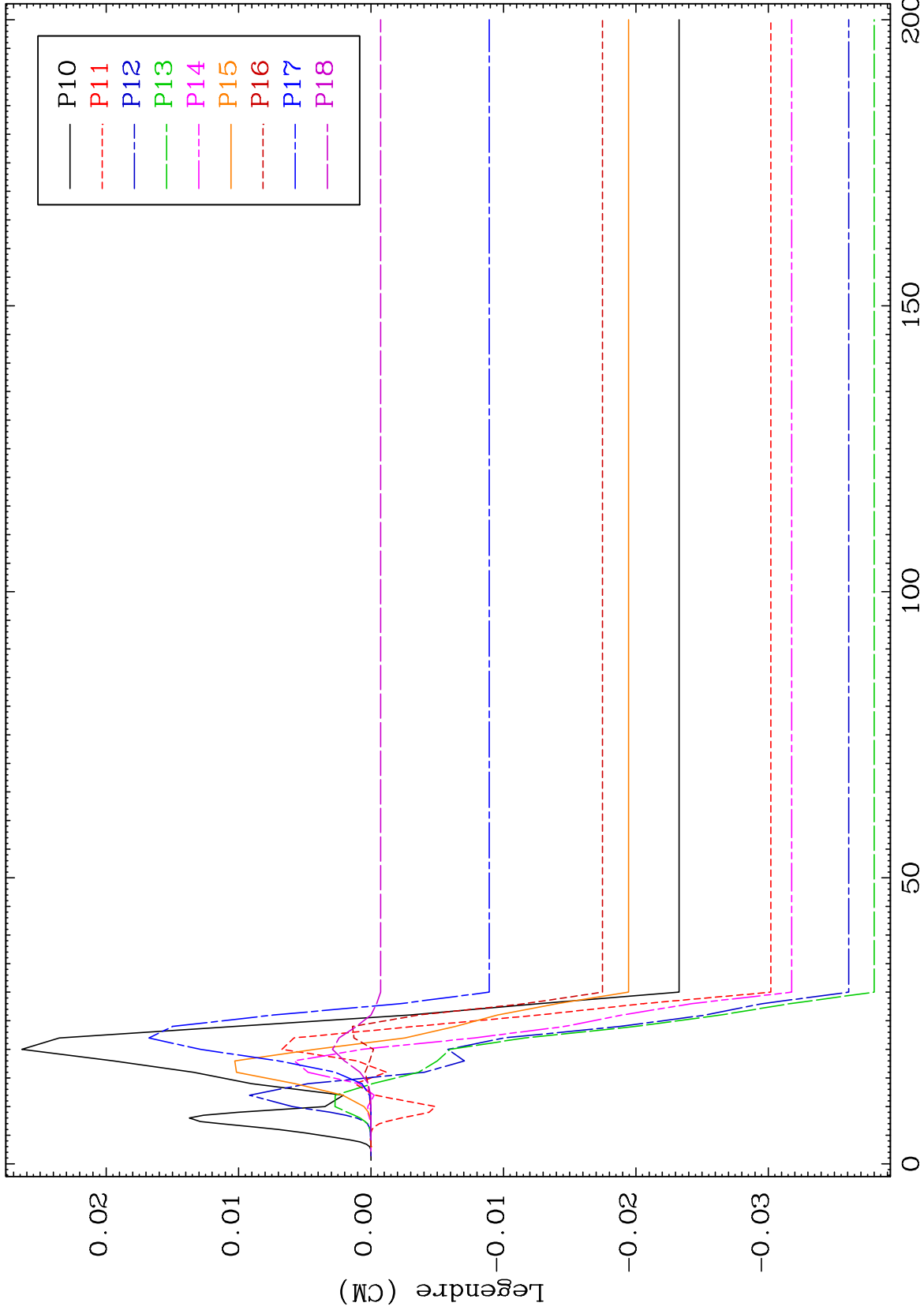




MAT 7404

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

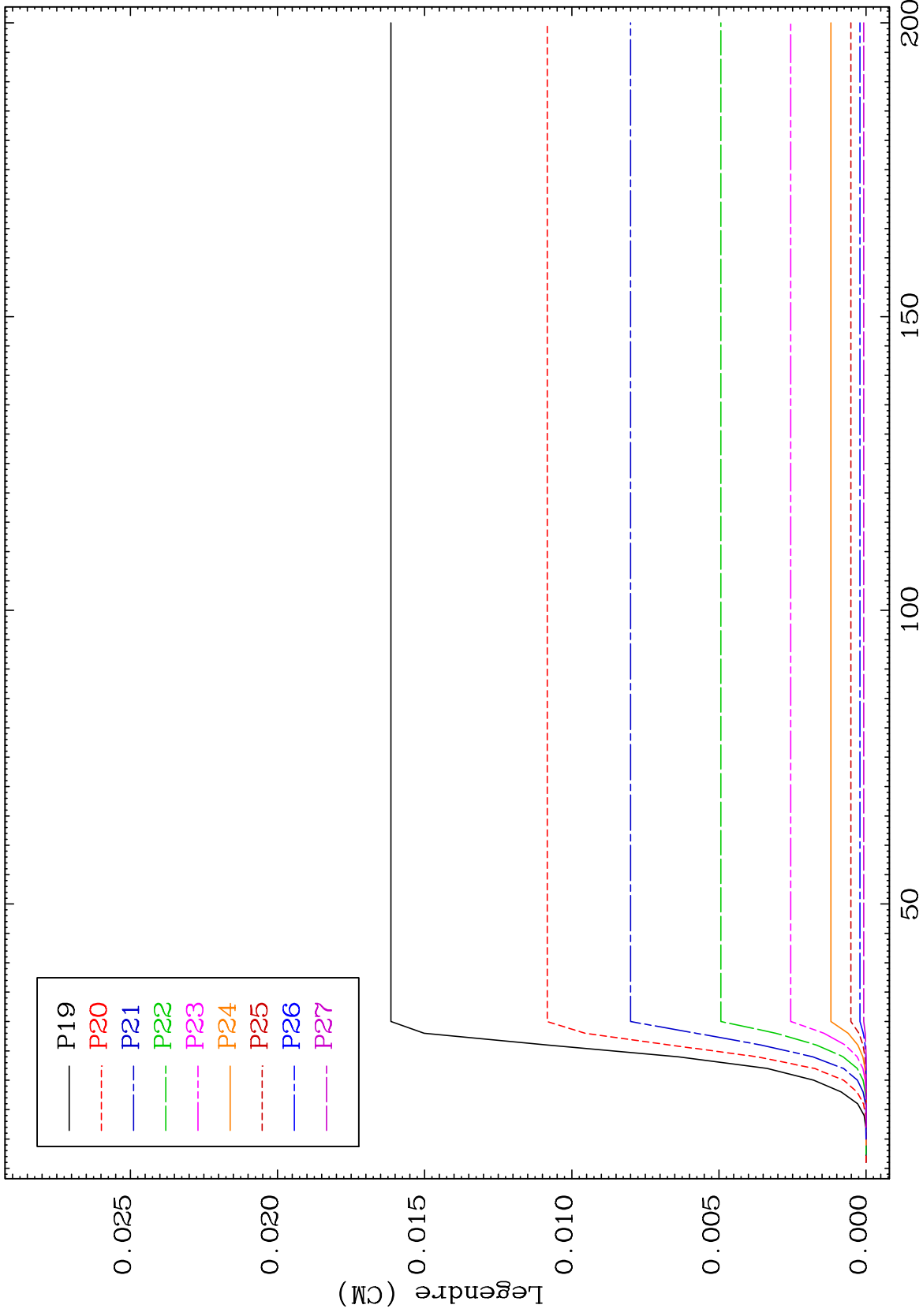
74-W -173

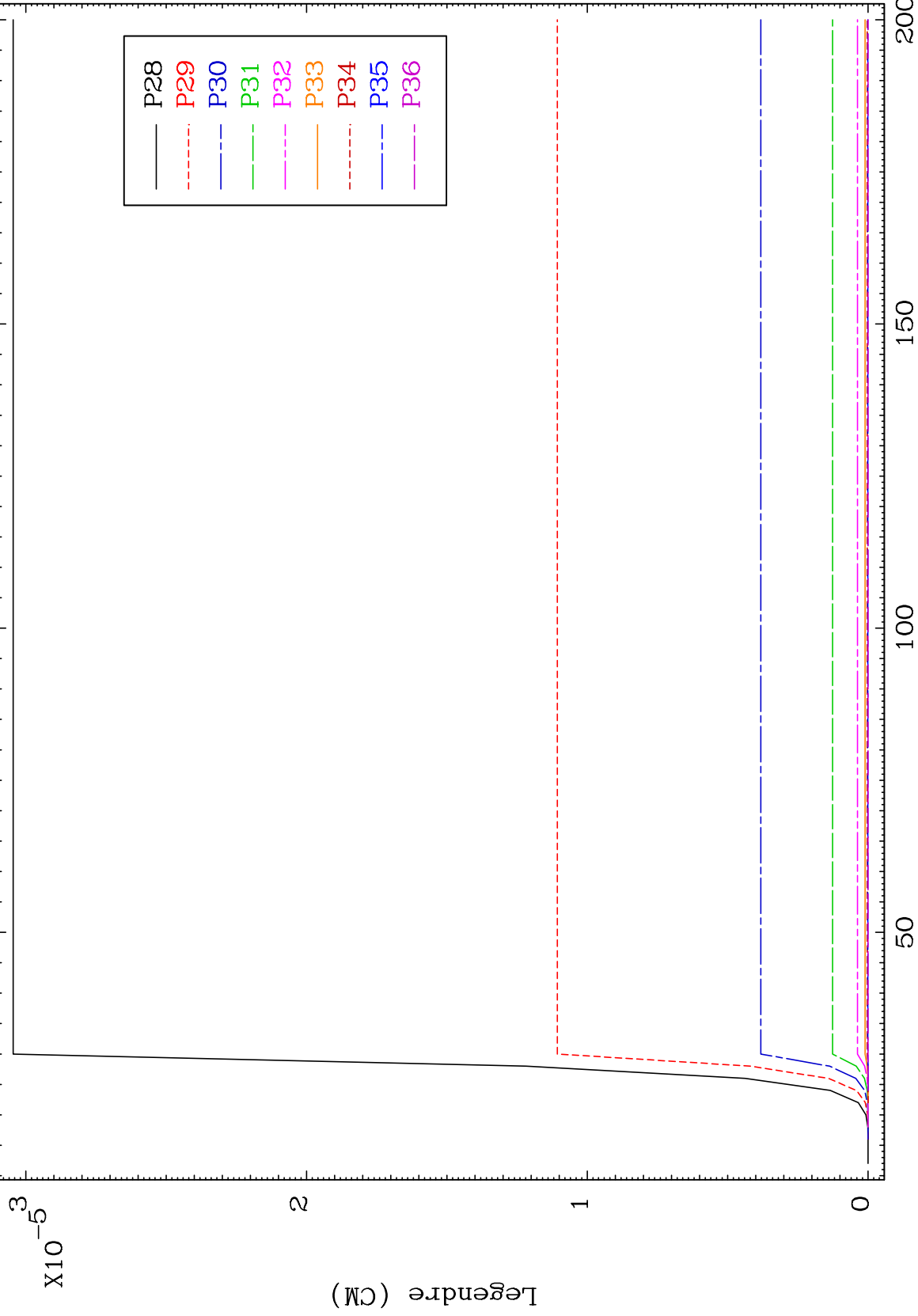


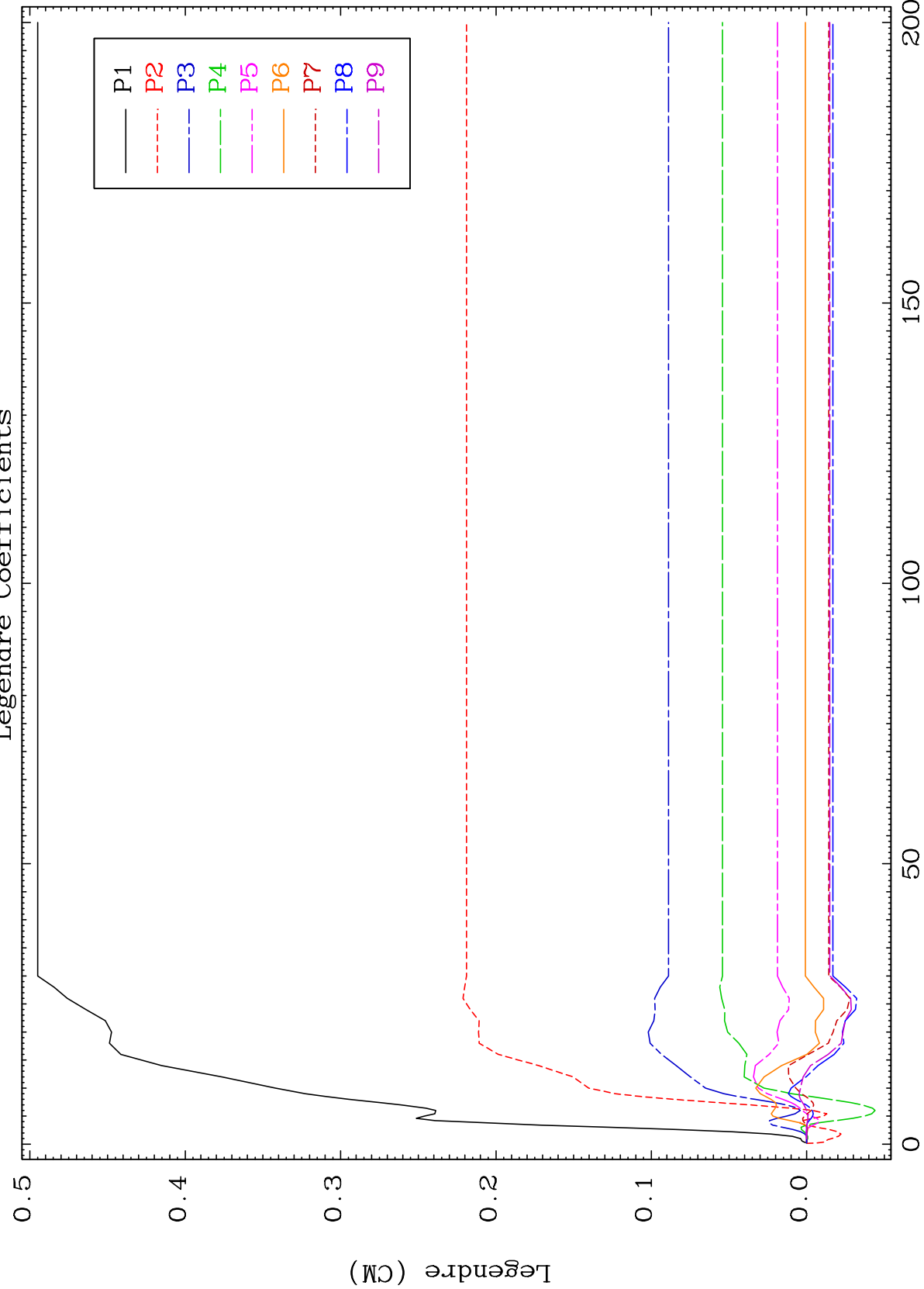
24

Incident Energy (MeV)

74-W -173



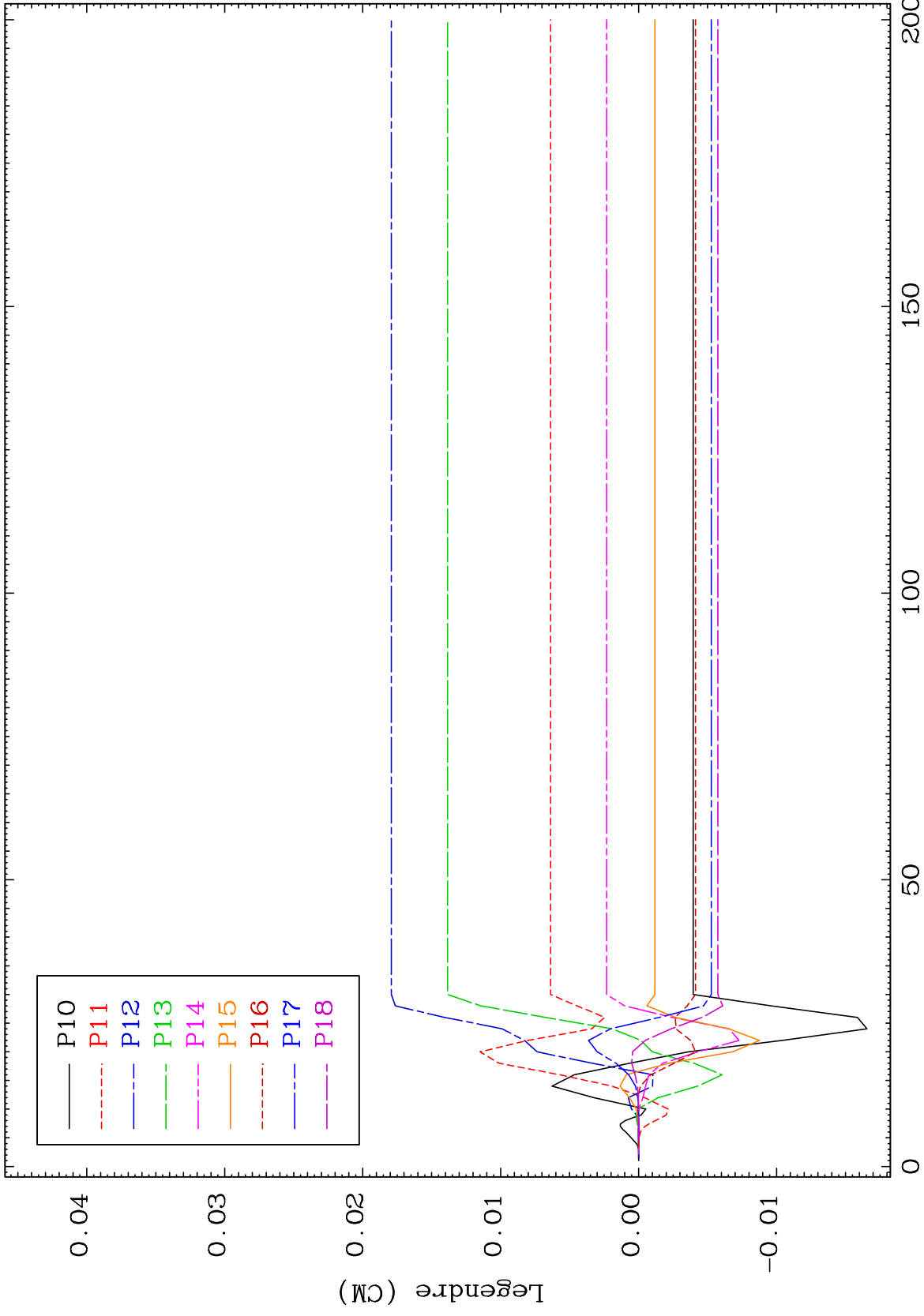




MAT 7404

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

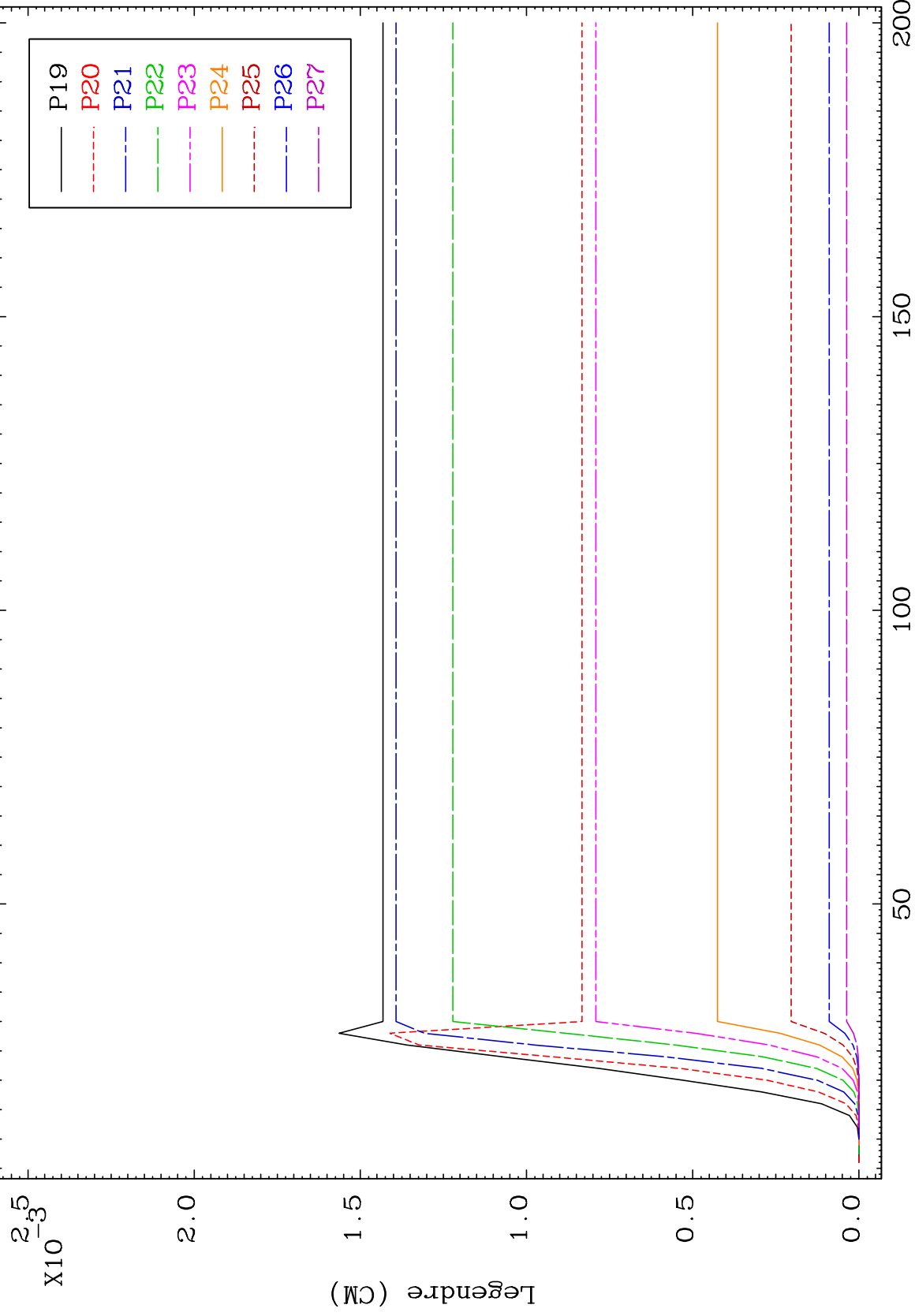
74-W -173



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Incident Energy (MeV)

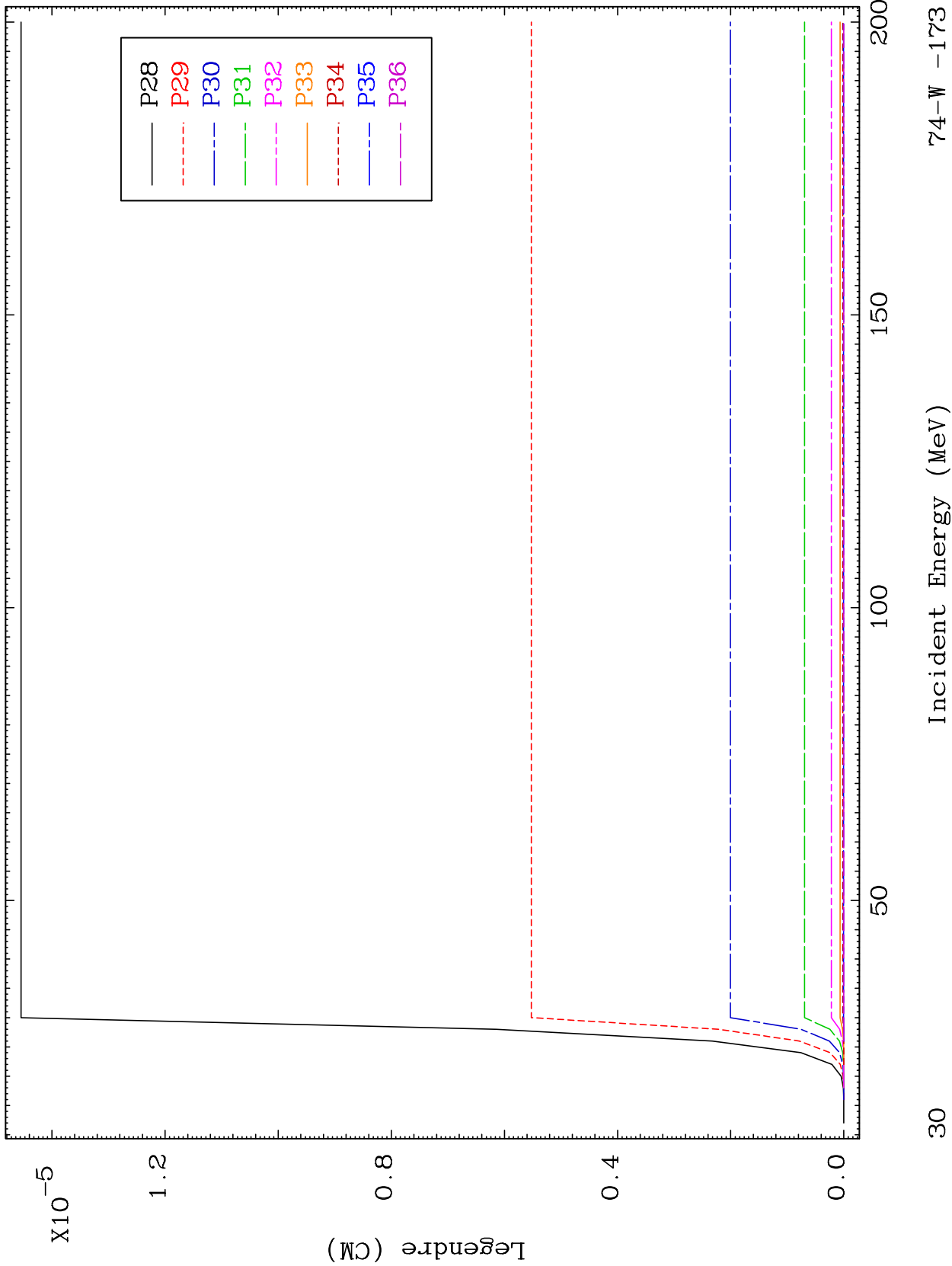
74-W -173



MAT 7404

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

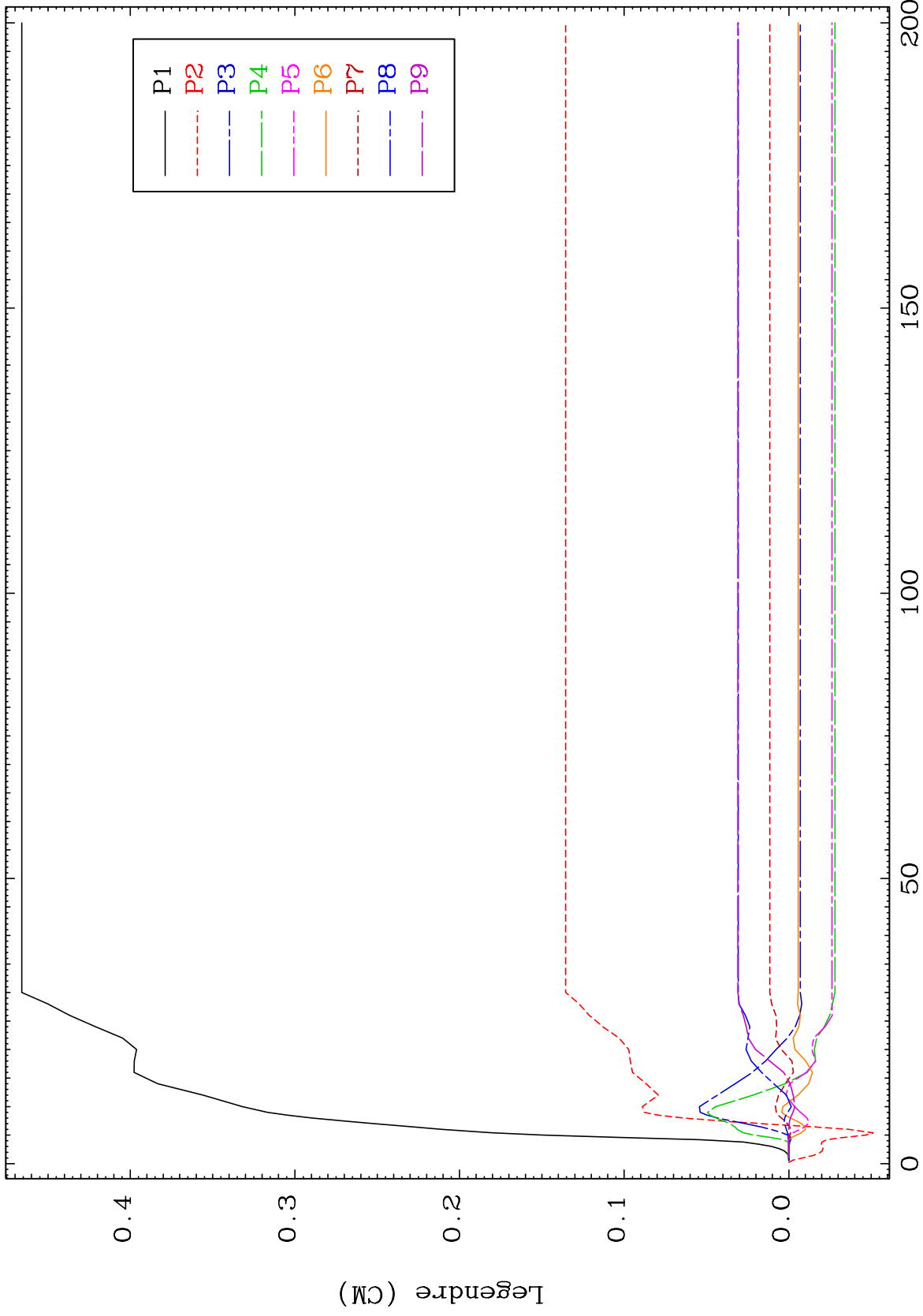
74-W -173



30

Incident Energy (MeV)

74-W -173

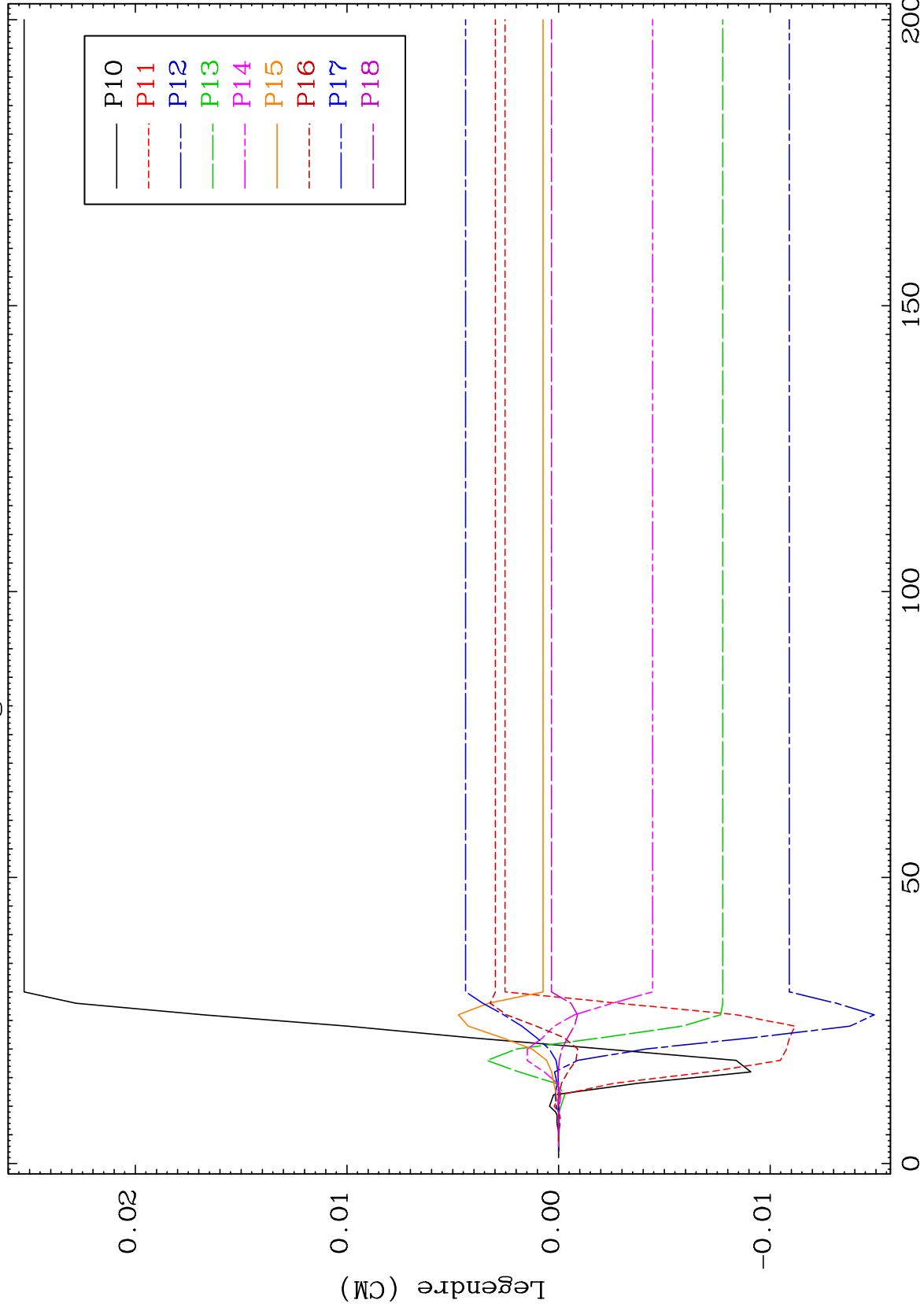




MAT 7404

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

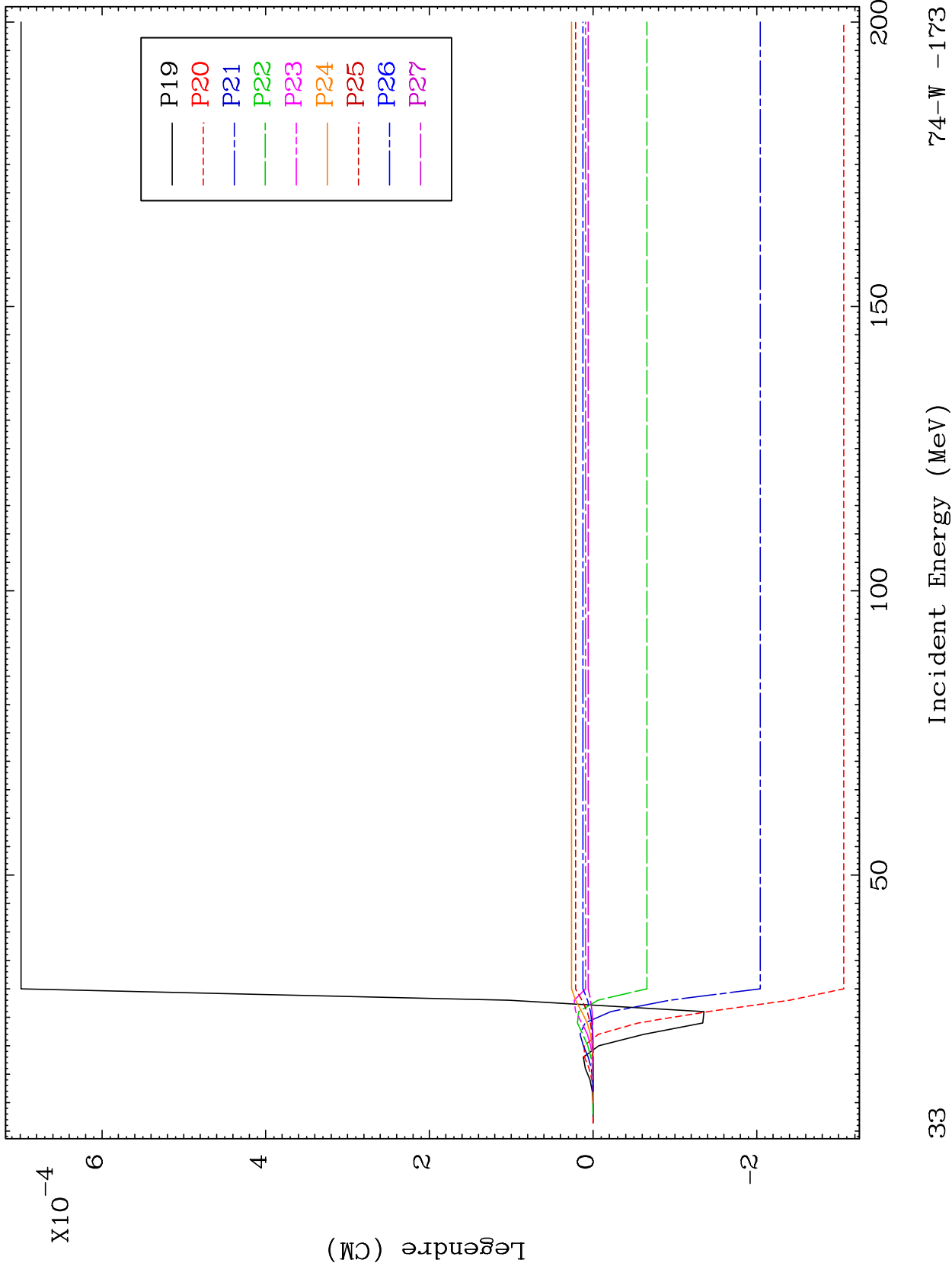
74-W -173

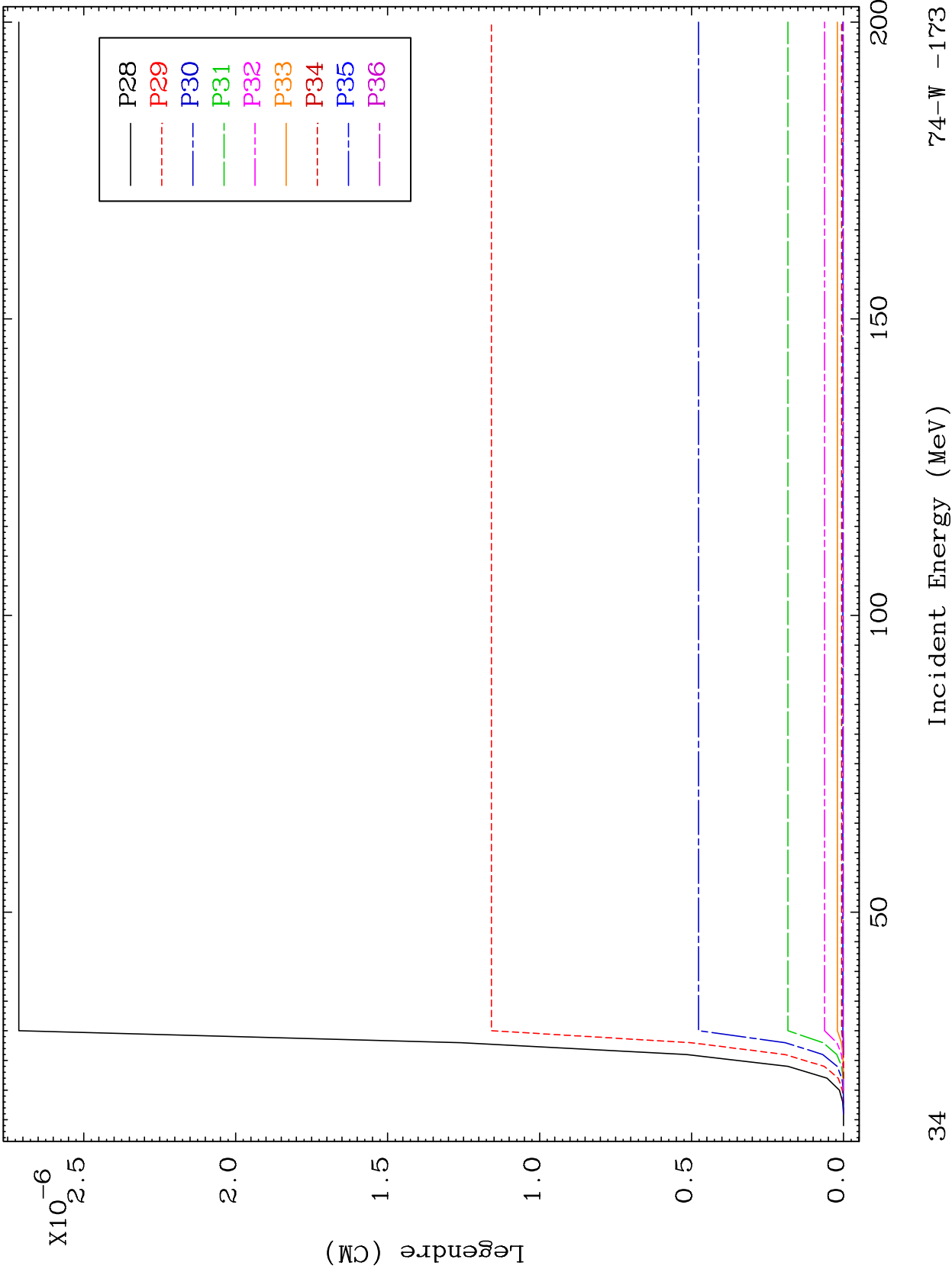


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Incident Energy (MeV)

74-W -173

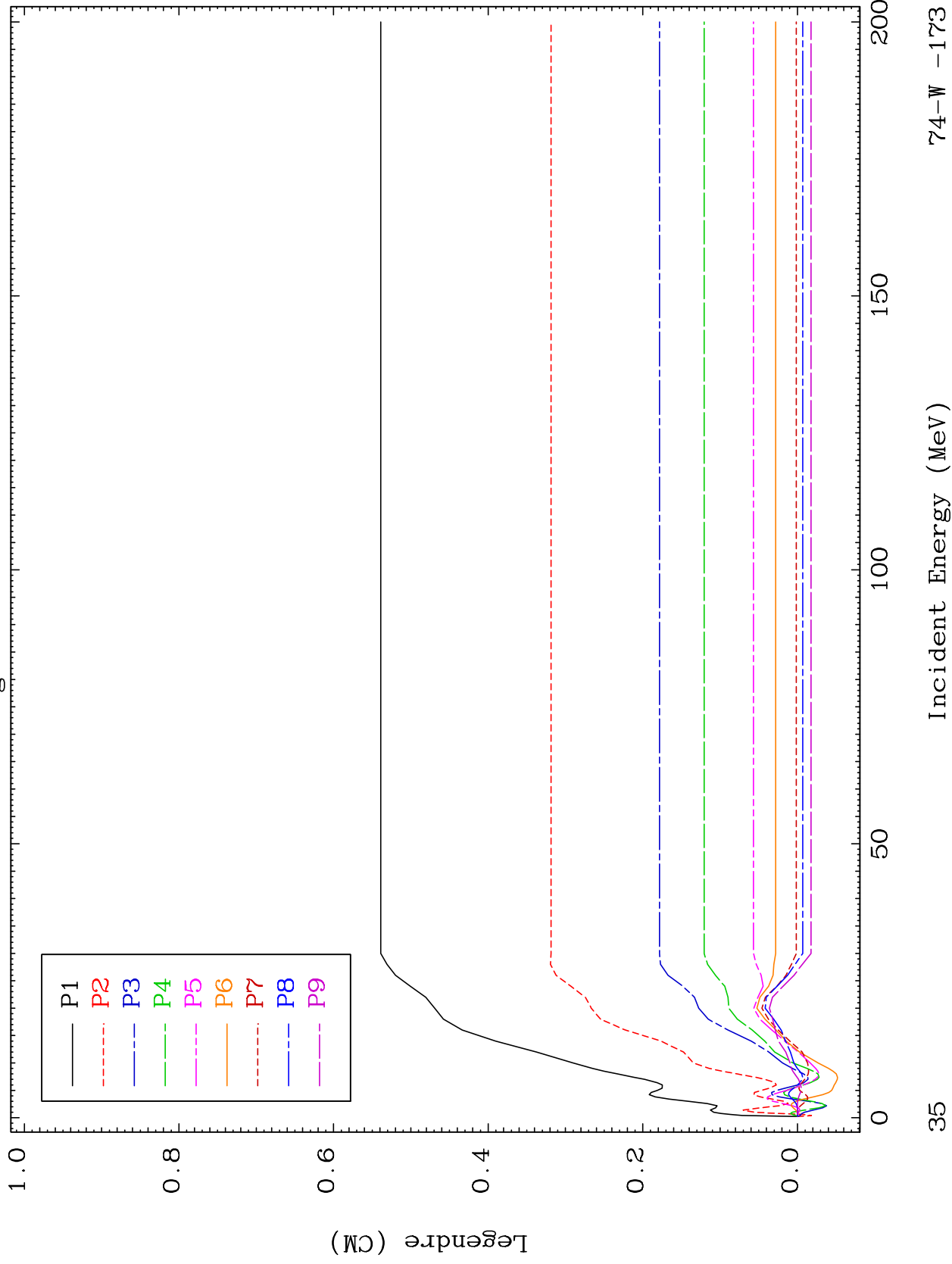




MAT 7404

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

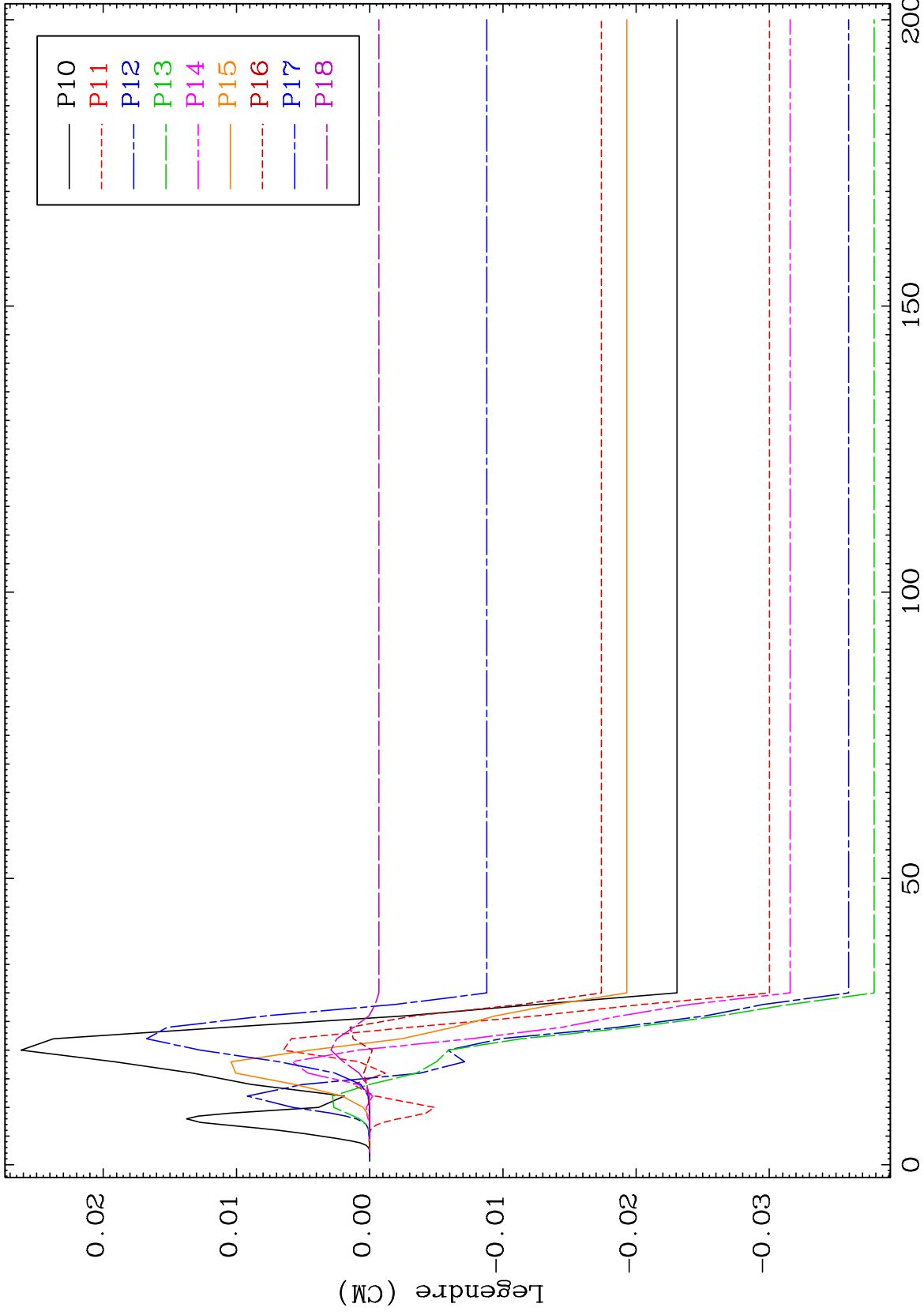
74-W -173



MAT 7404

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

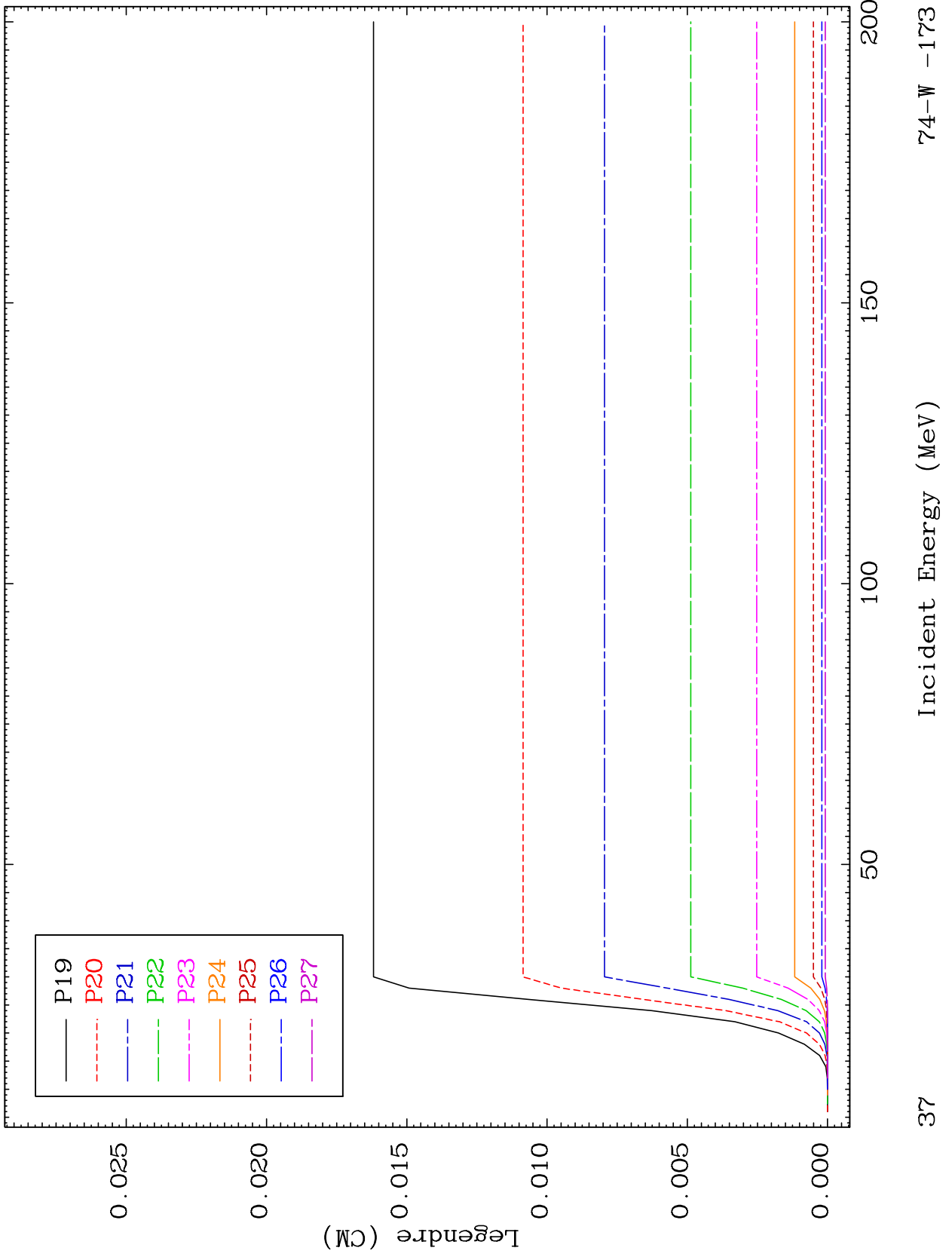
74-W -173



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Incident Energy (MeV)

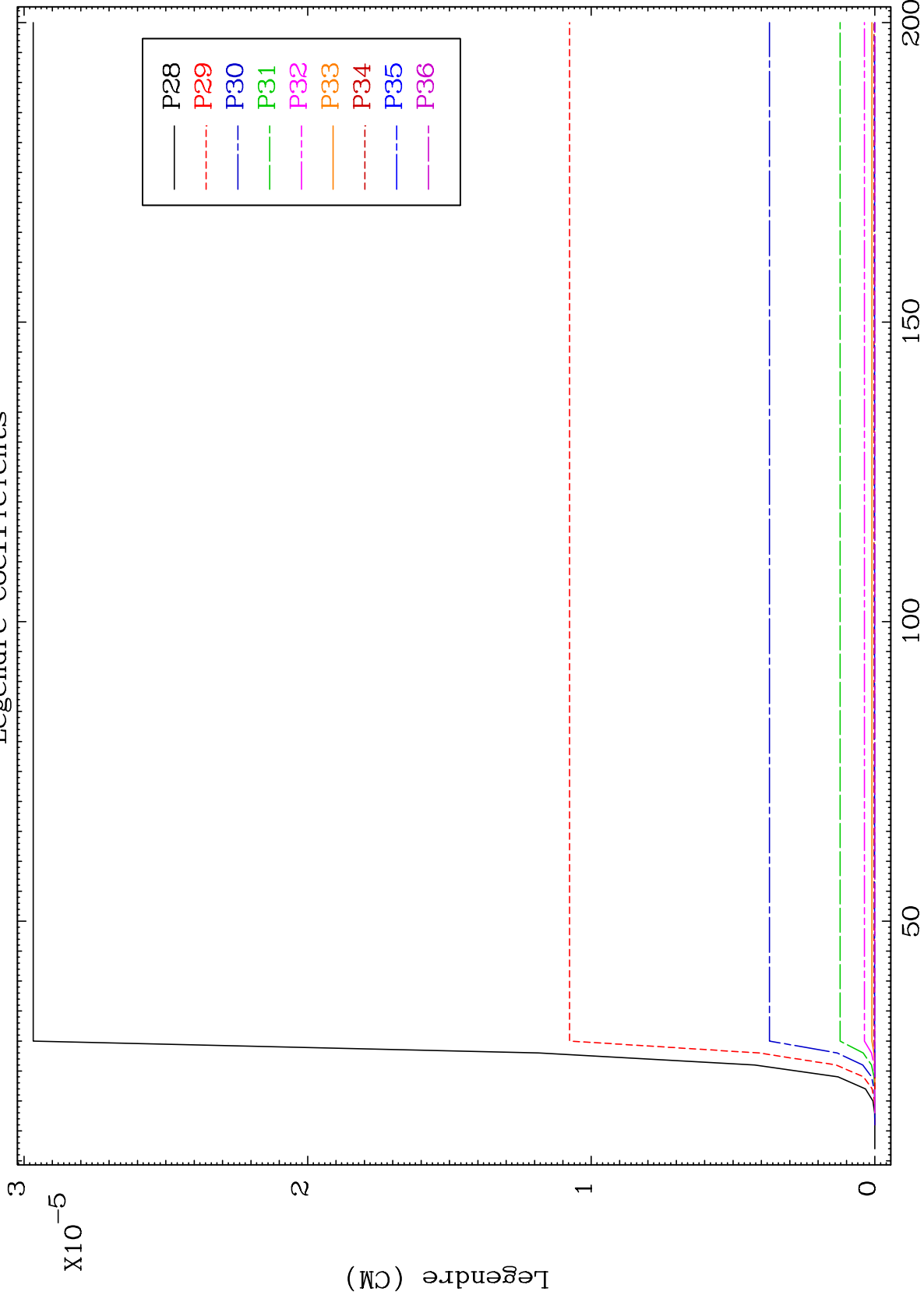
74-W -173



MAT 7404

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

74-W -173



38

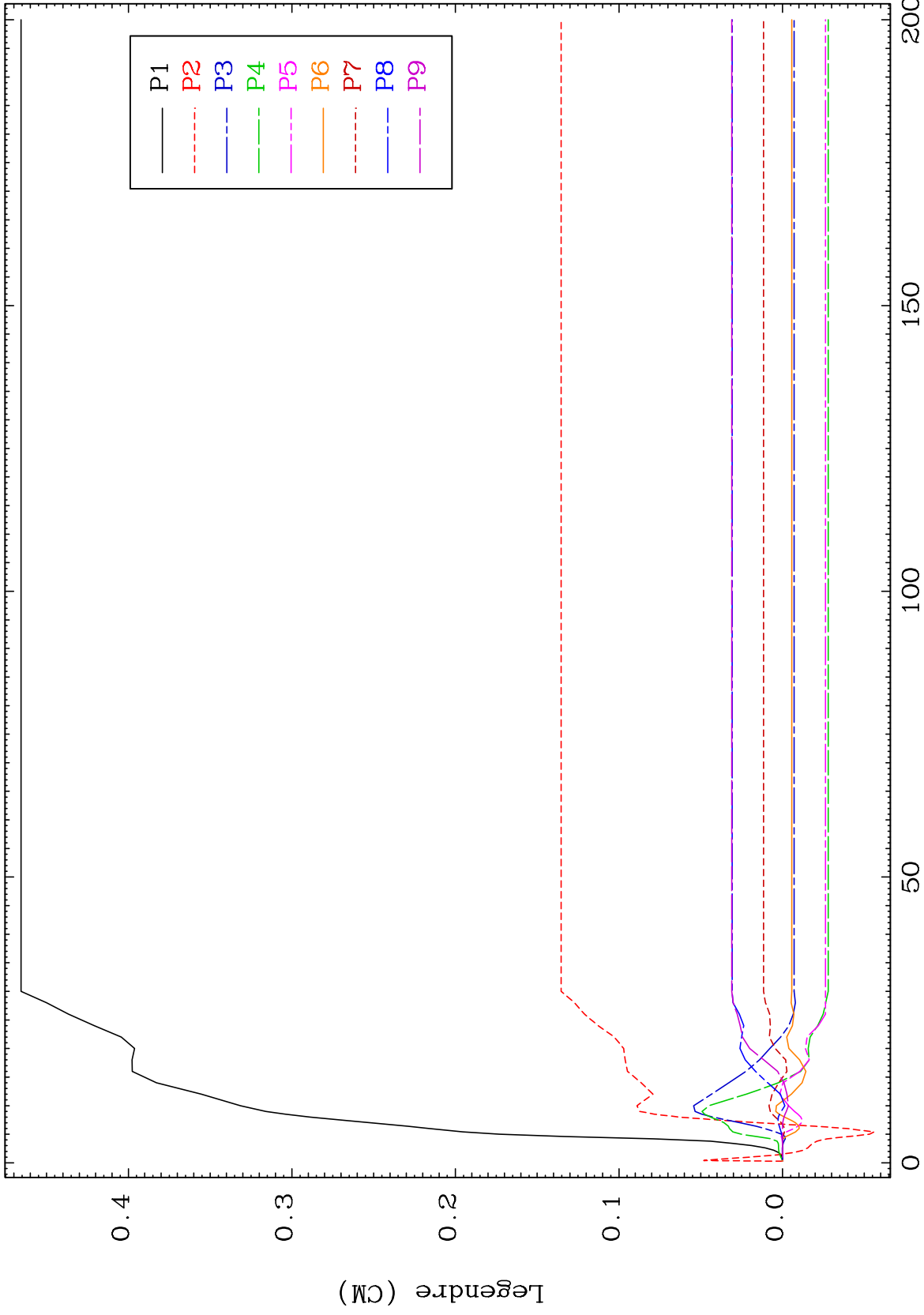
Incident Energy (MeV)

74-W -173

MAT 7404

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

74-W -173



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Incident Energy (MeV)

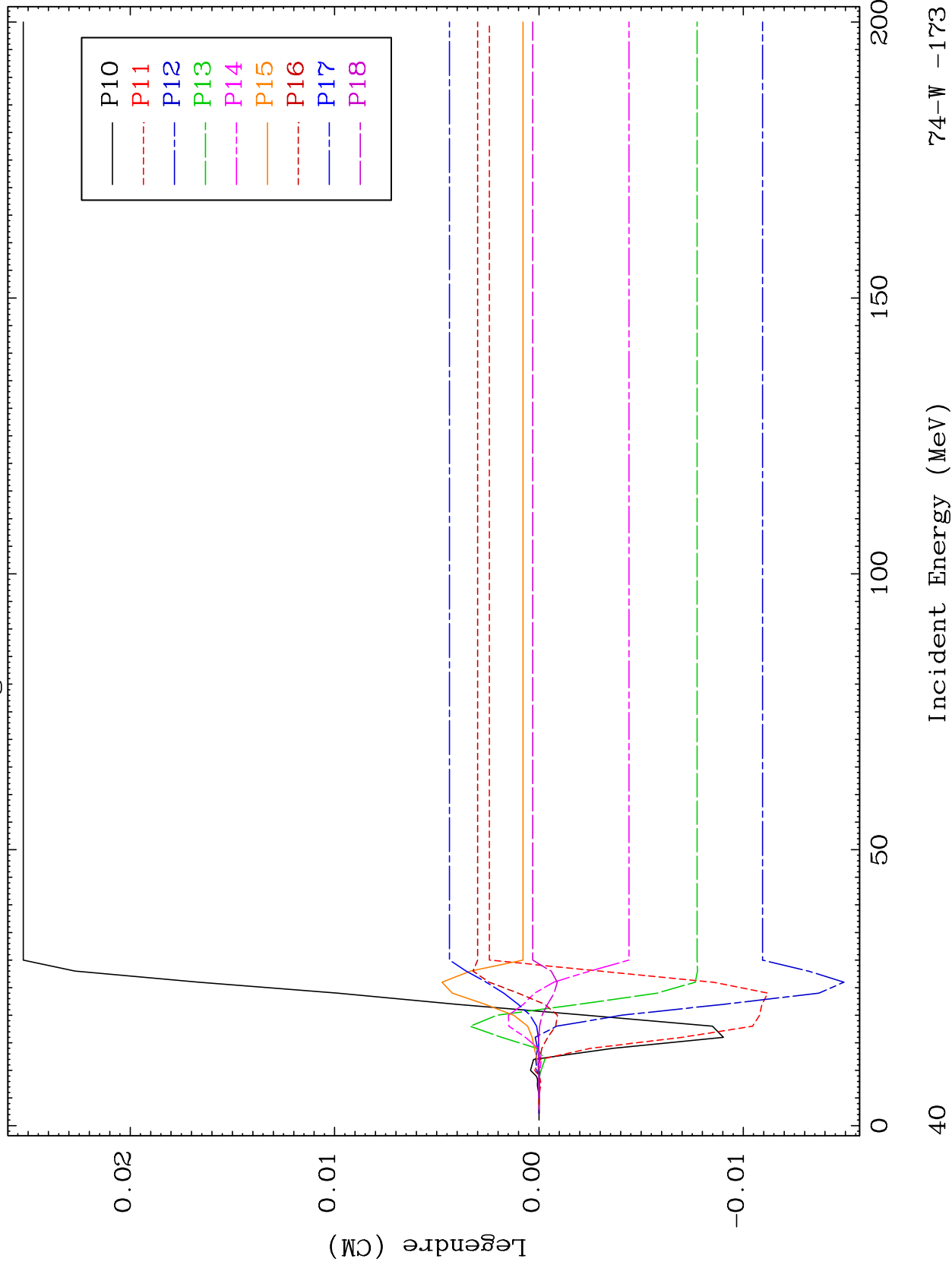
74-W -173



MAT 7404

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

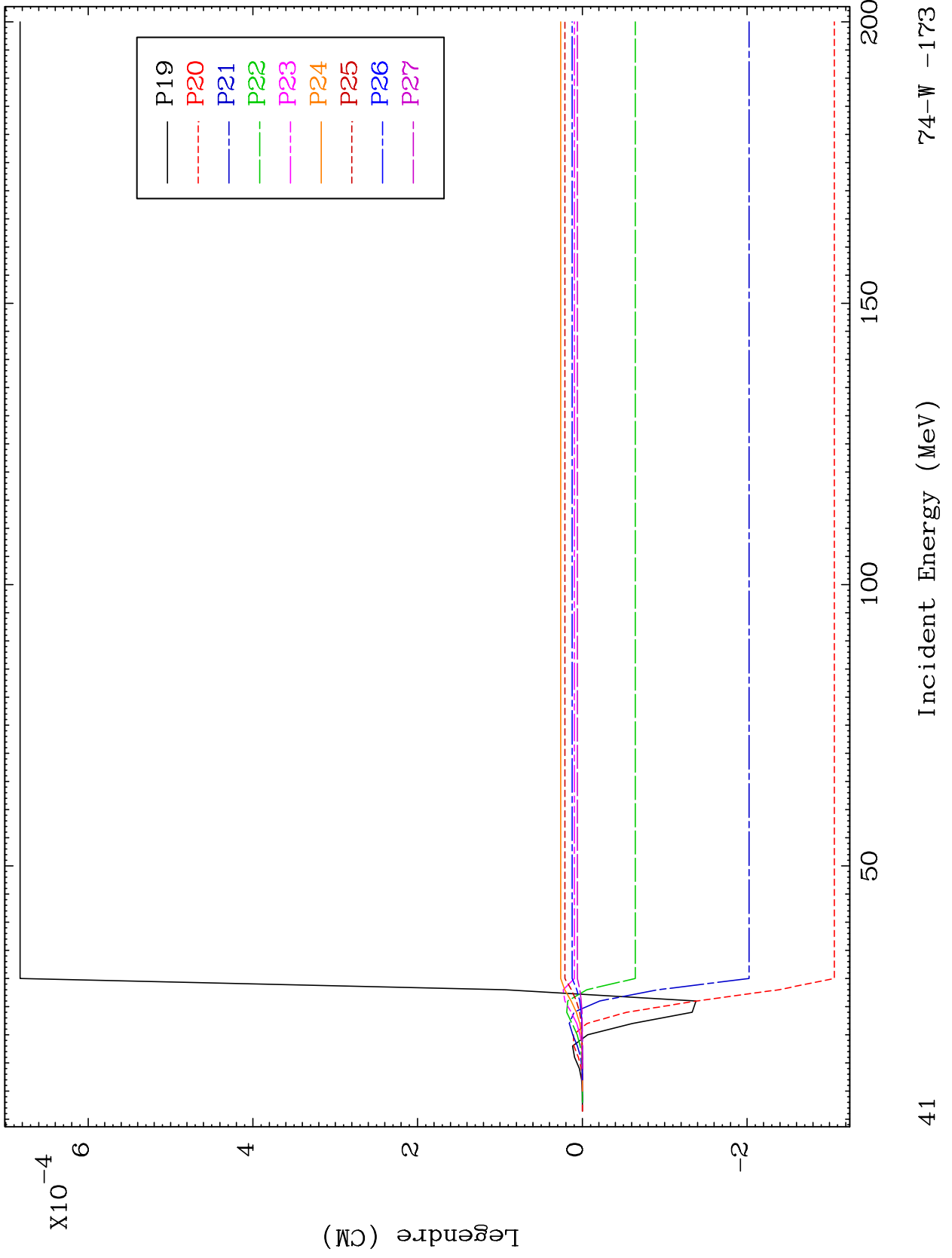
74-W -173



74-W -173

Incident Energy (MeV)

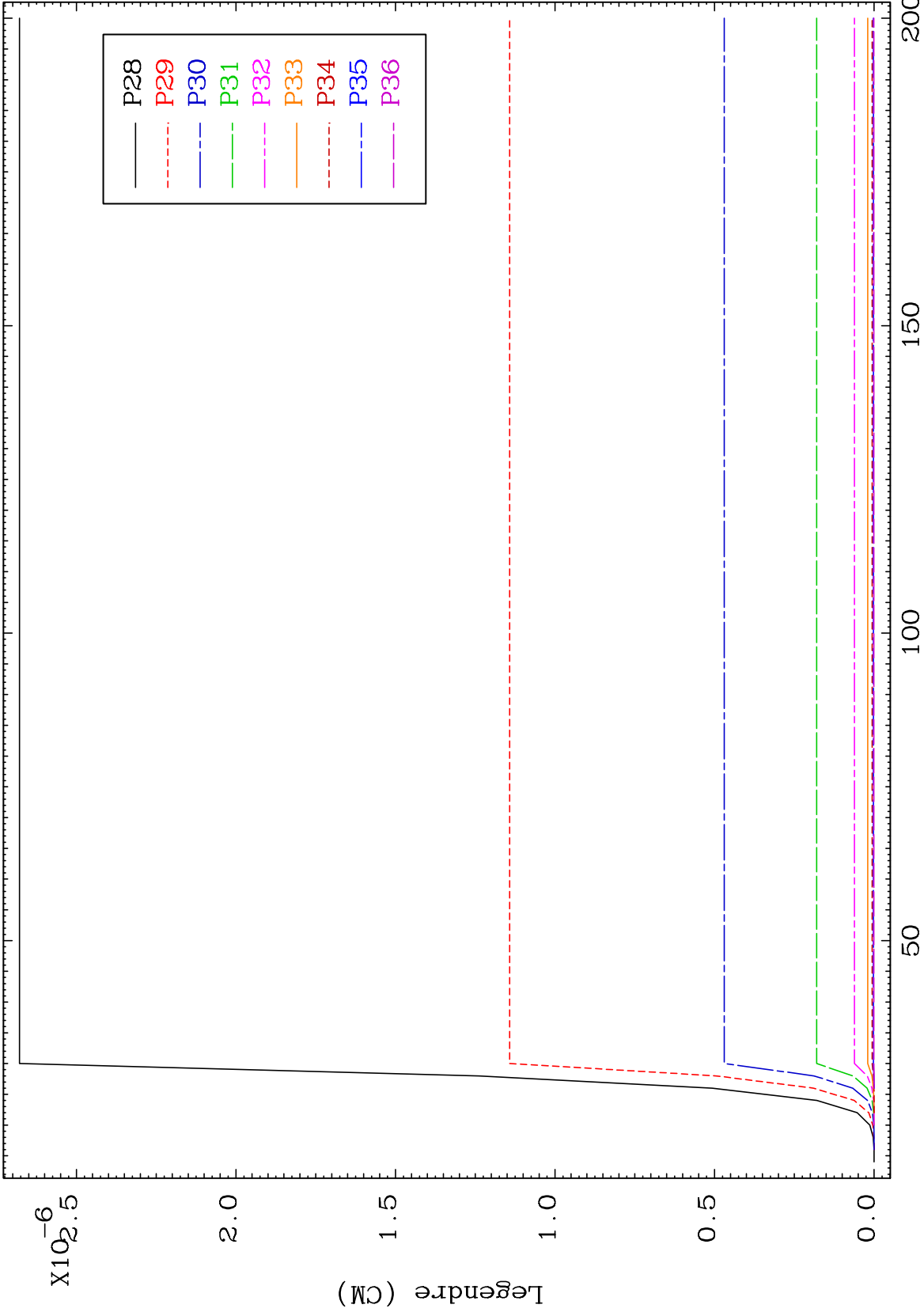
40



MAT 7404

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

74-W -173



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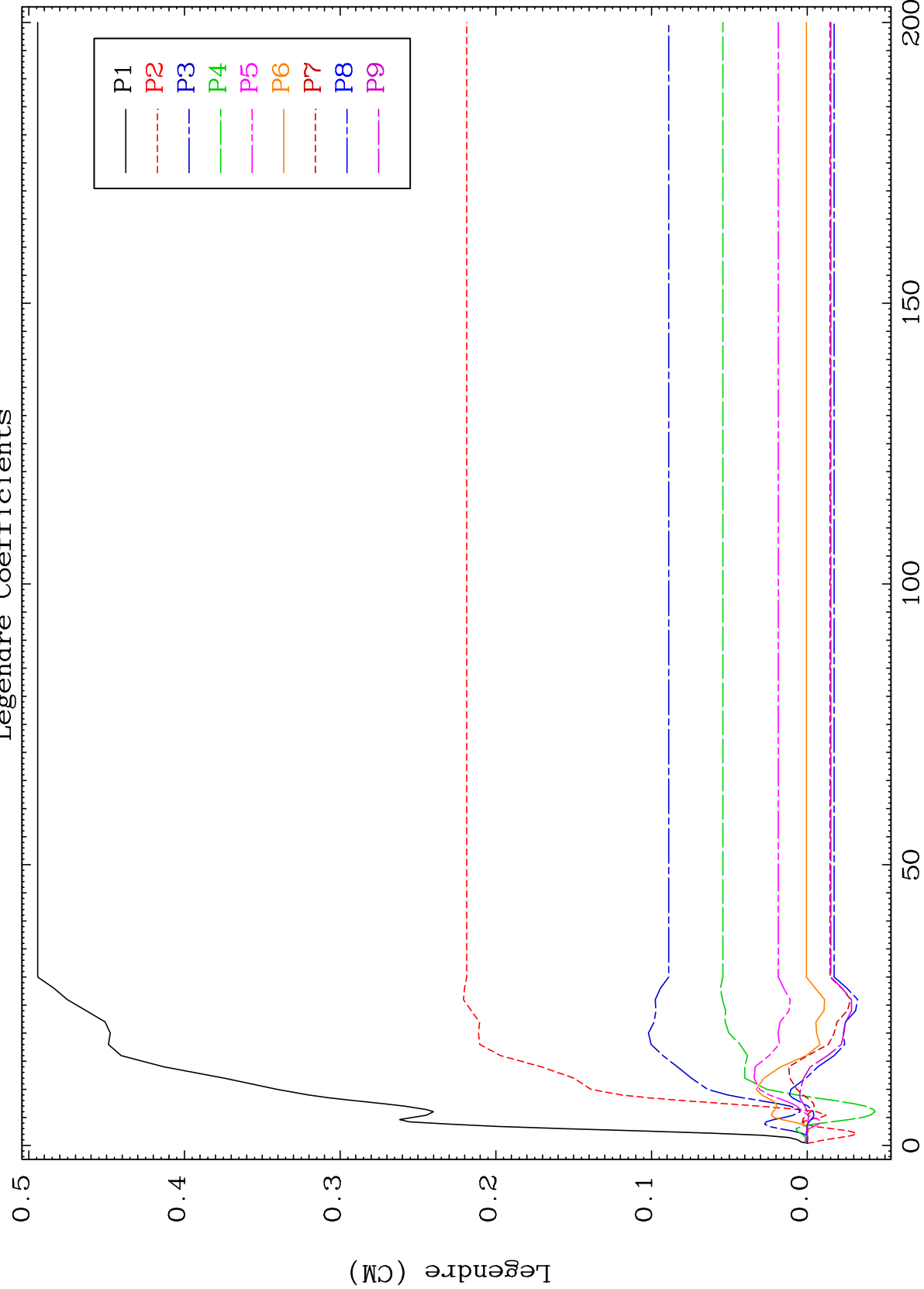
Incident Energy (MeV)

74-W -173

MAT 7404

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

74-W -173



74-W -173

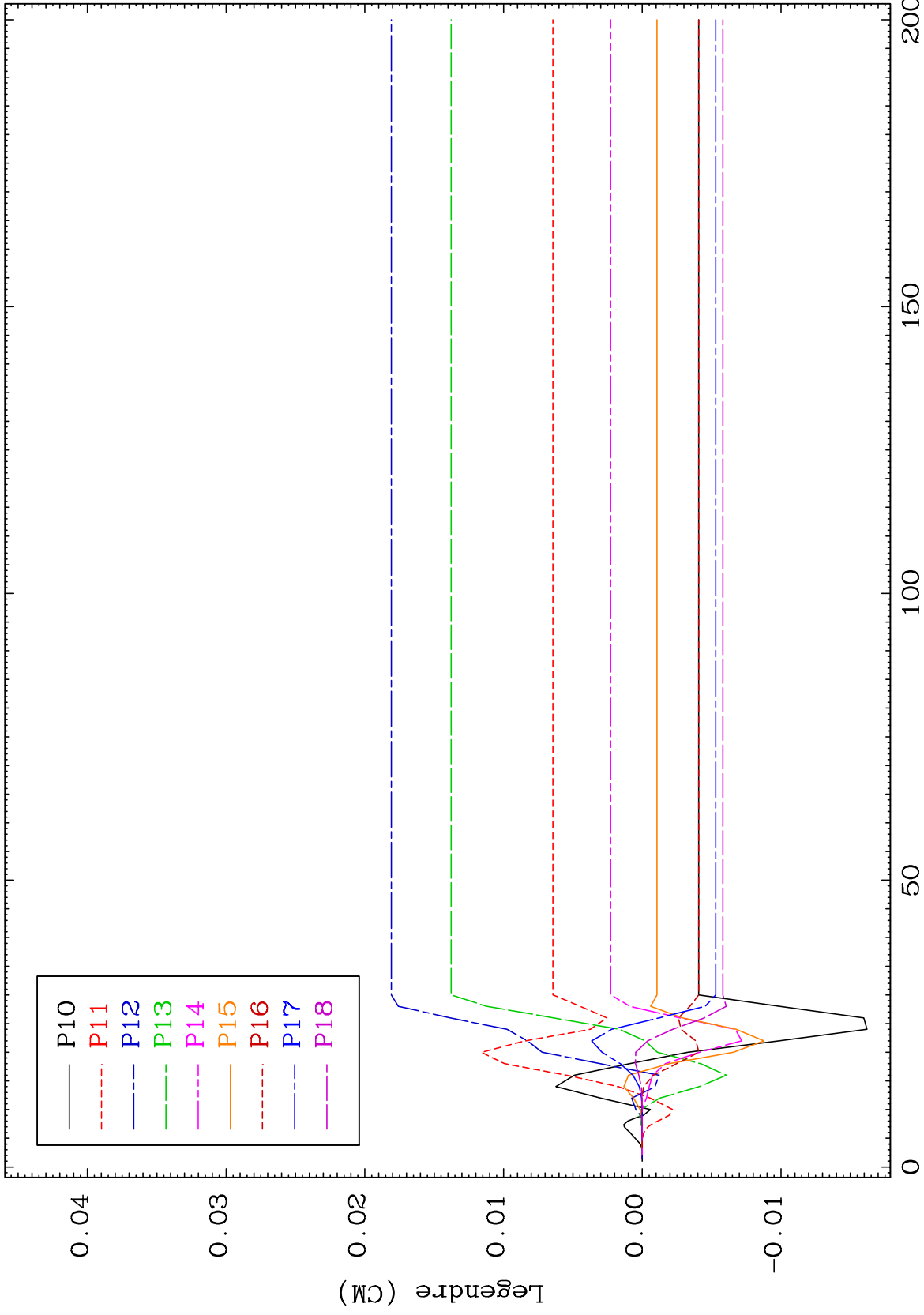
Incident Energy (MeV)

43

MAT 7404

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

74-W -173



44

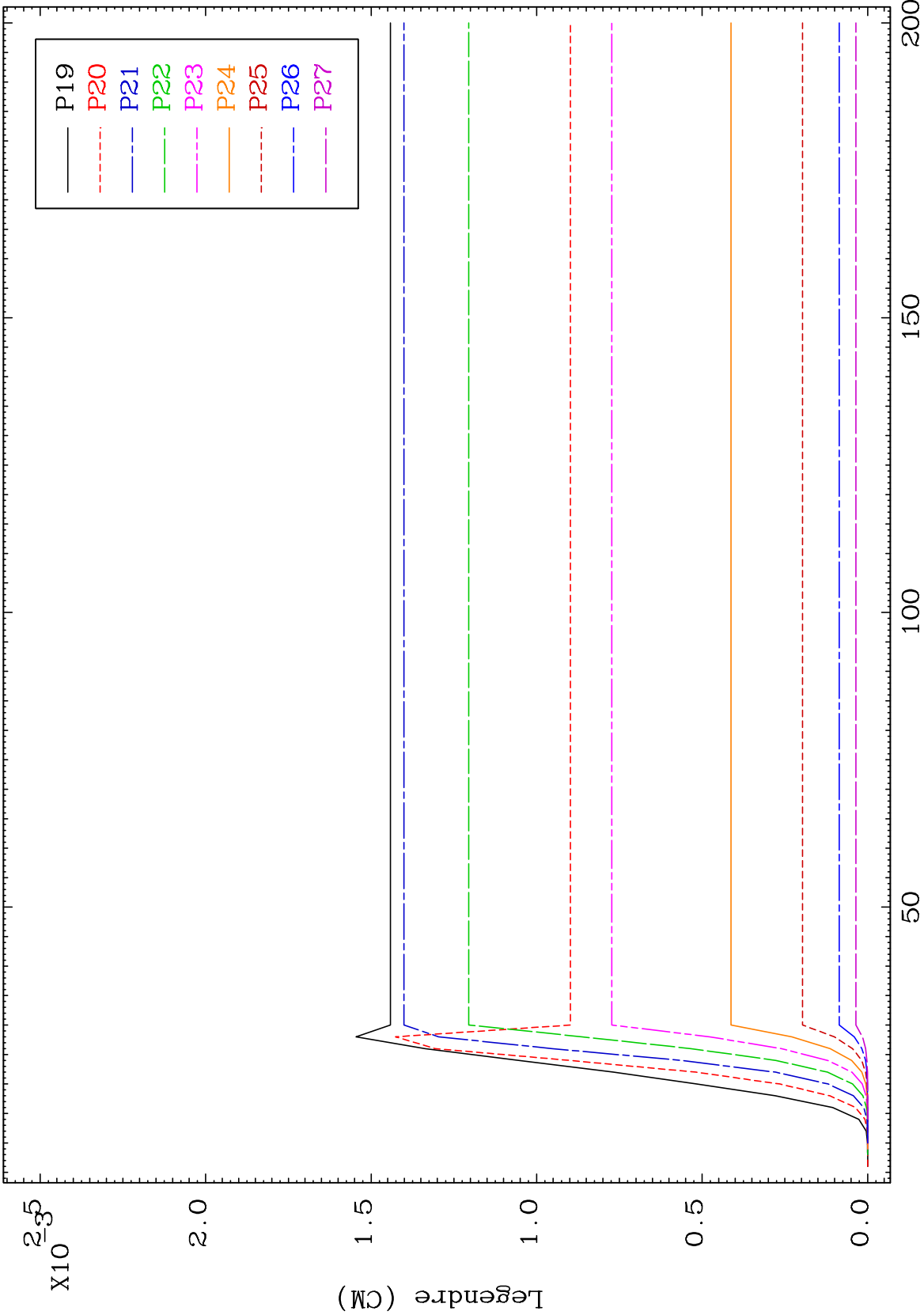
Incident Energy (MeV)

74-W -173

MAT 7404

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

74-W -173



45

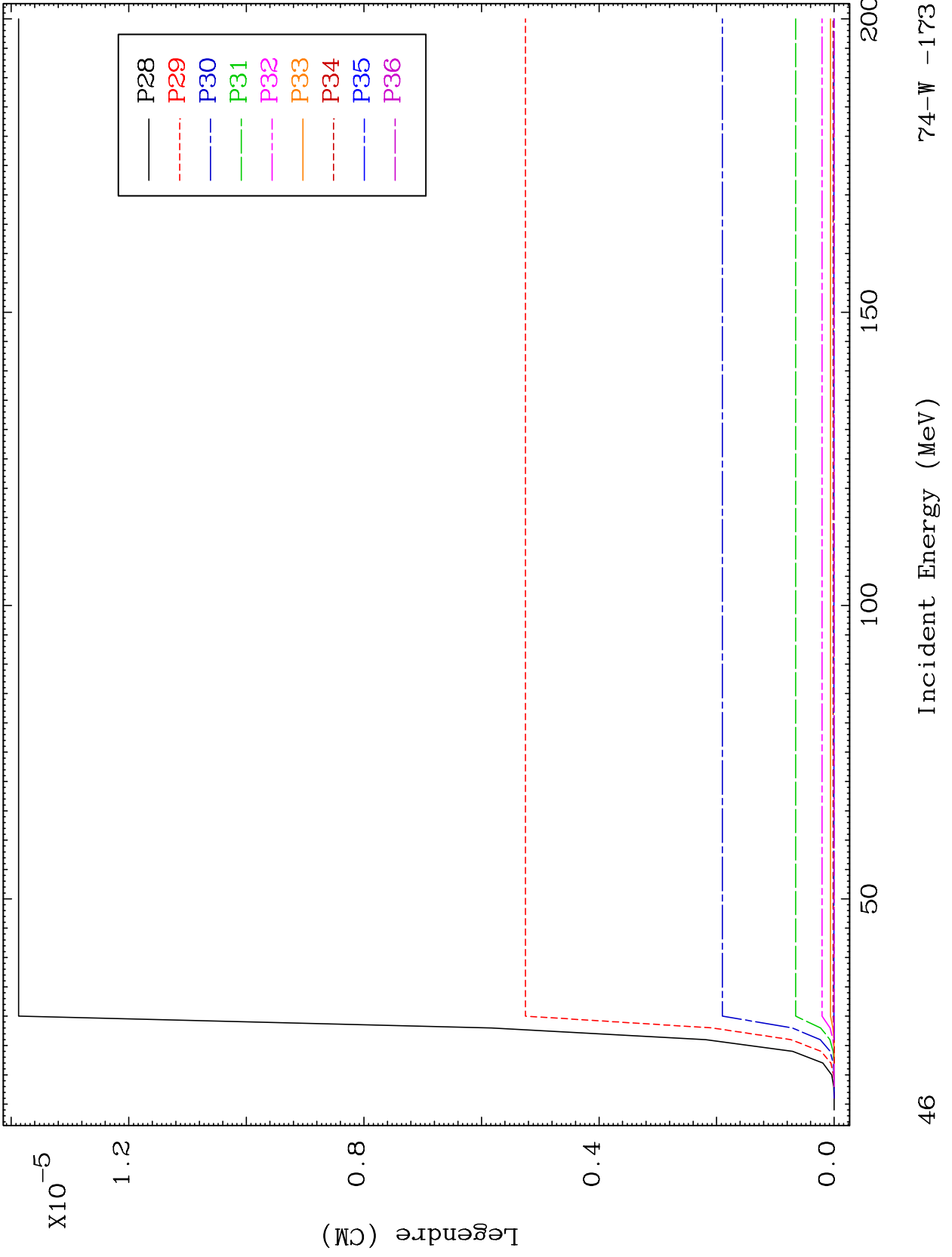
Incident Energy (MeV)

74-W -173

MAT 7404

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

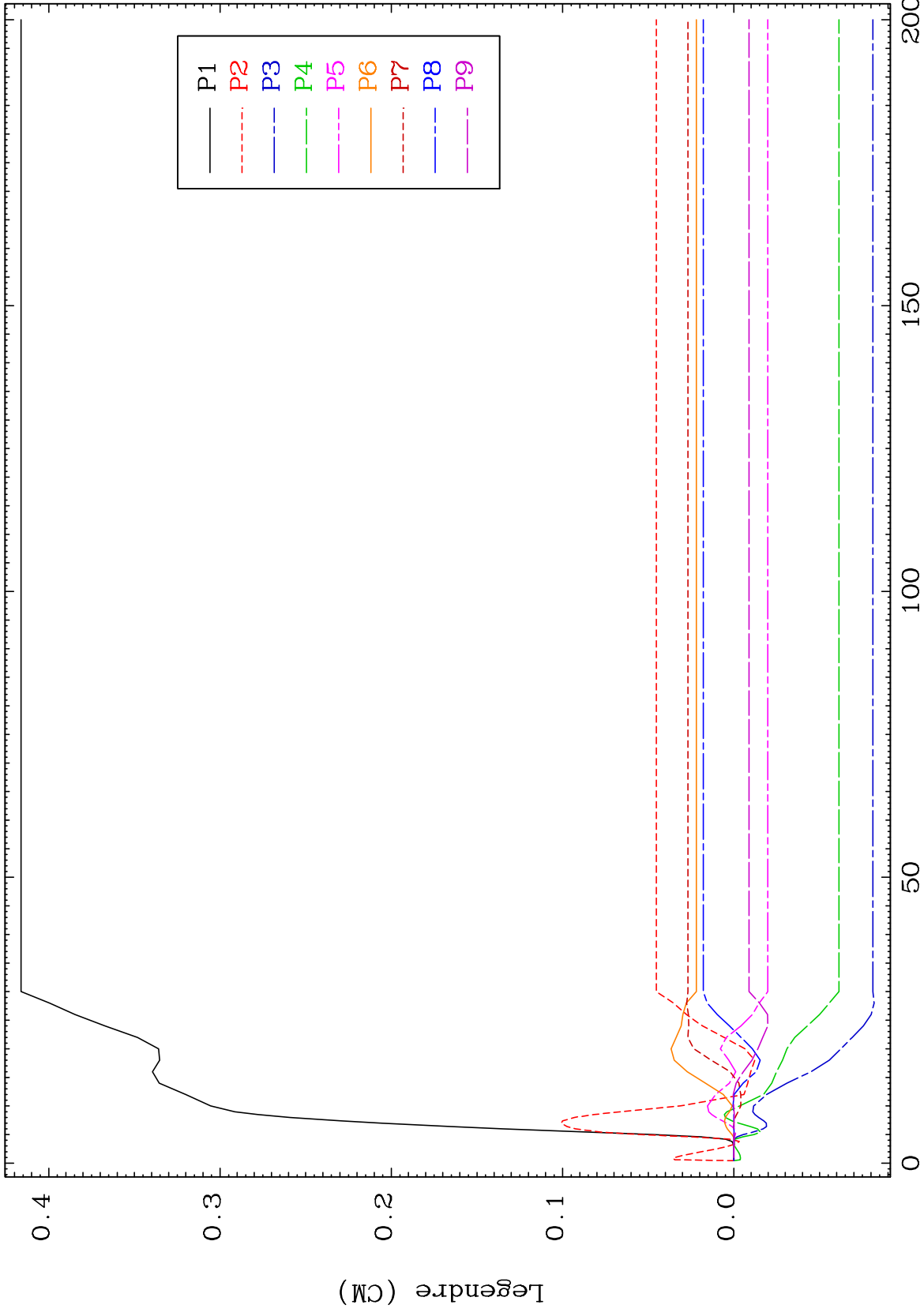
74-W -173



46

Incident Energy (MeV)

74-W -173

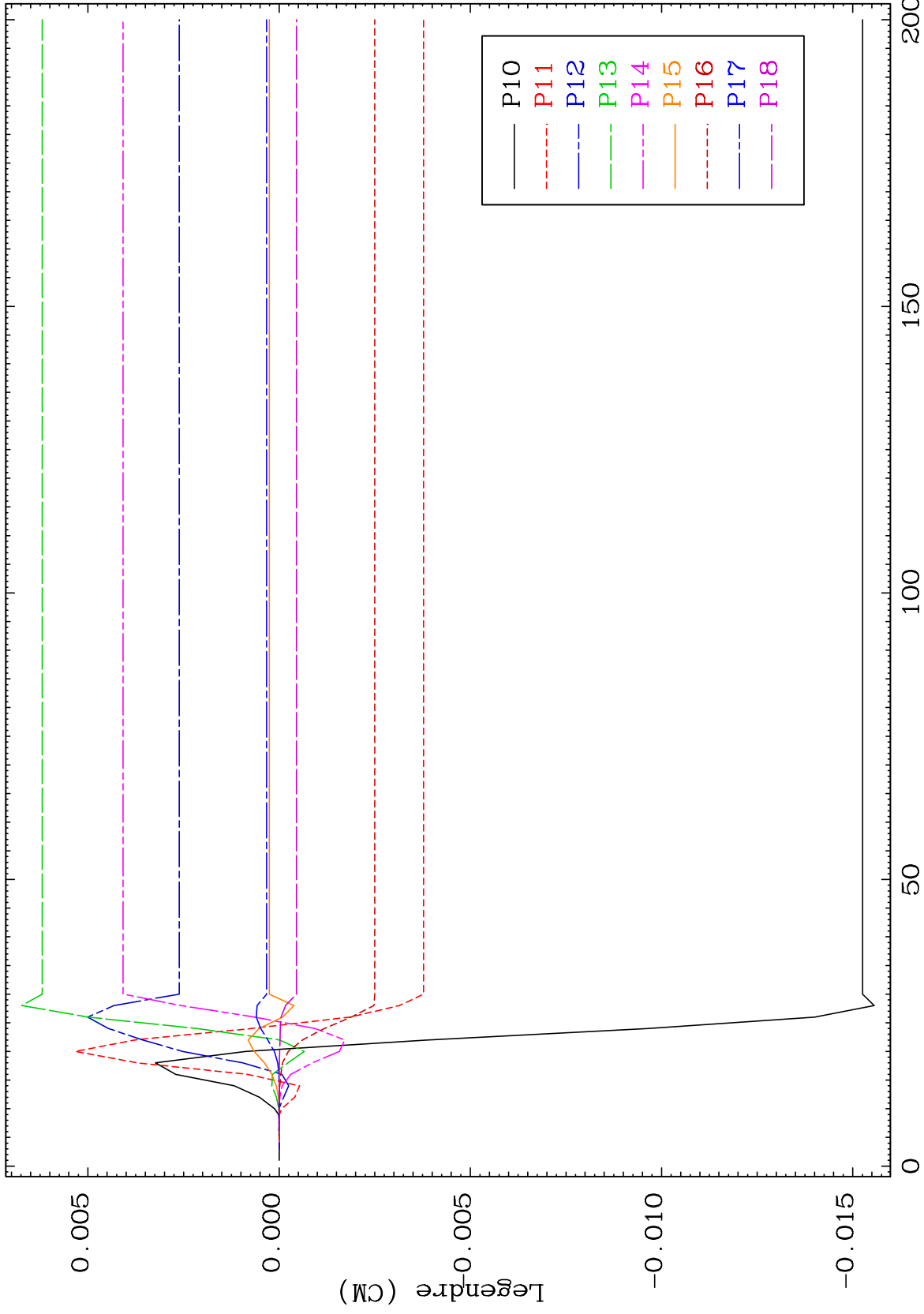




MAT 7404

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

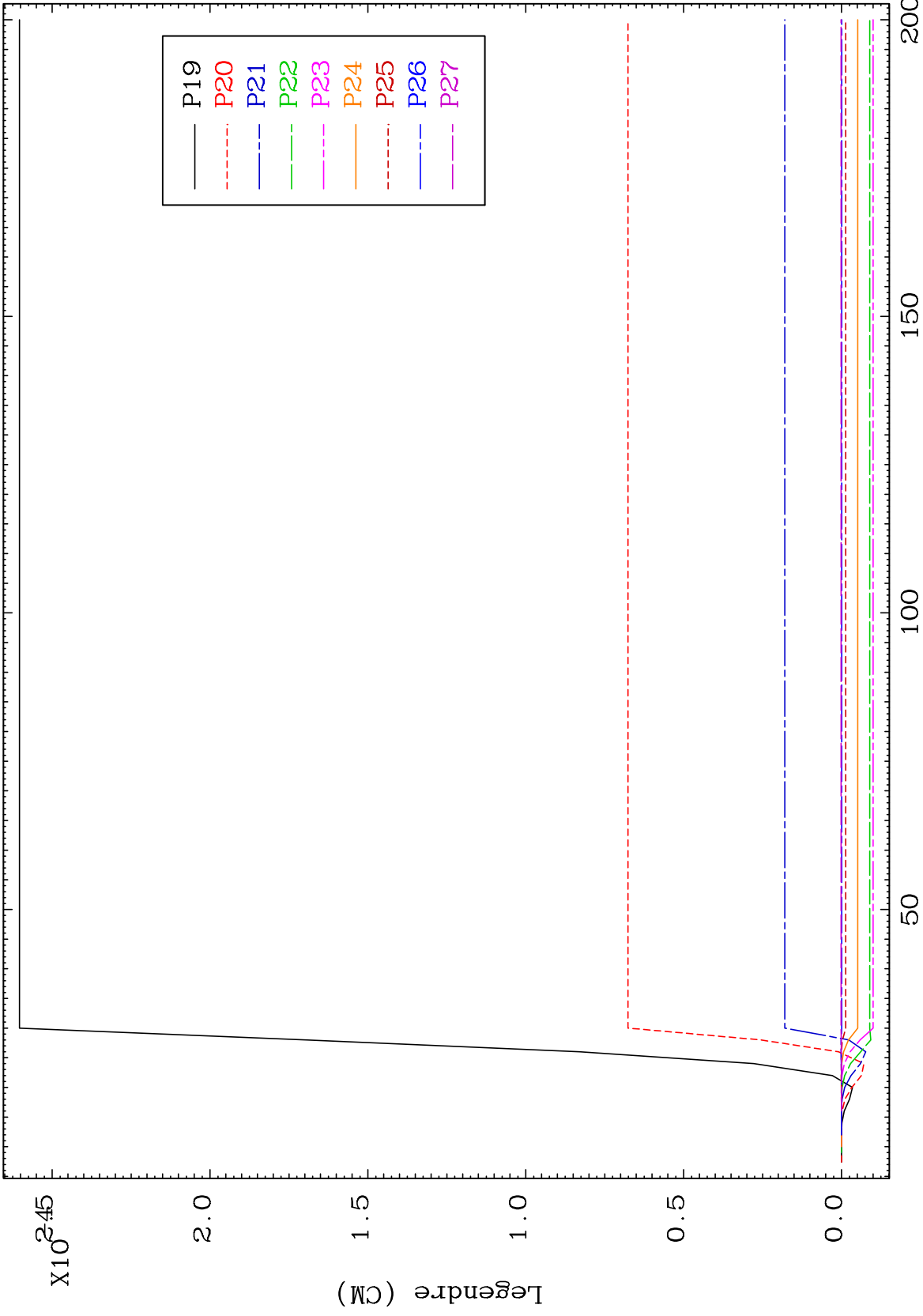
74-W -173



48

Incident Energy (MeV)

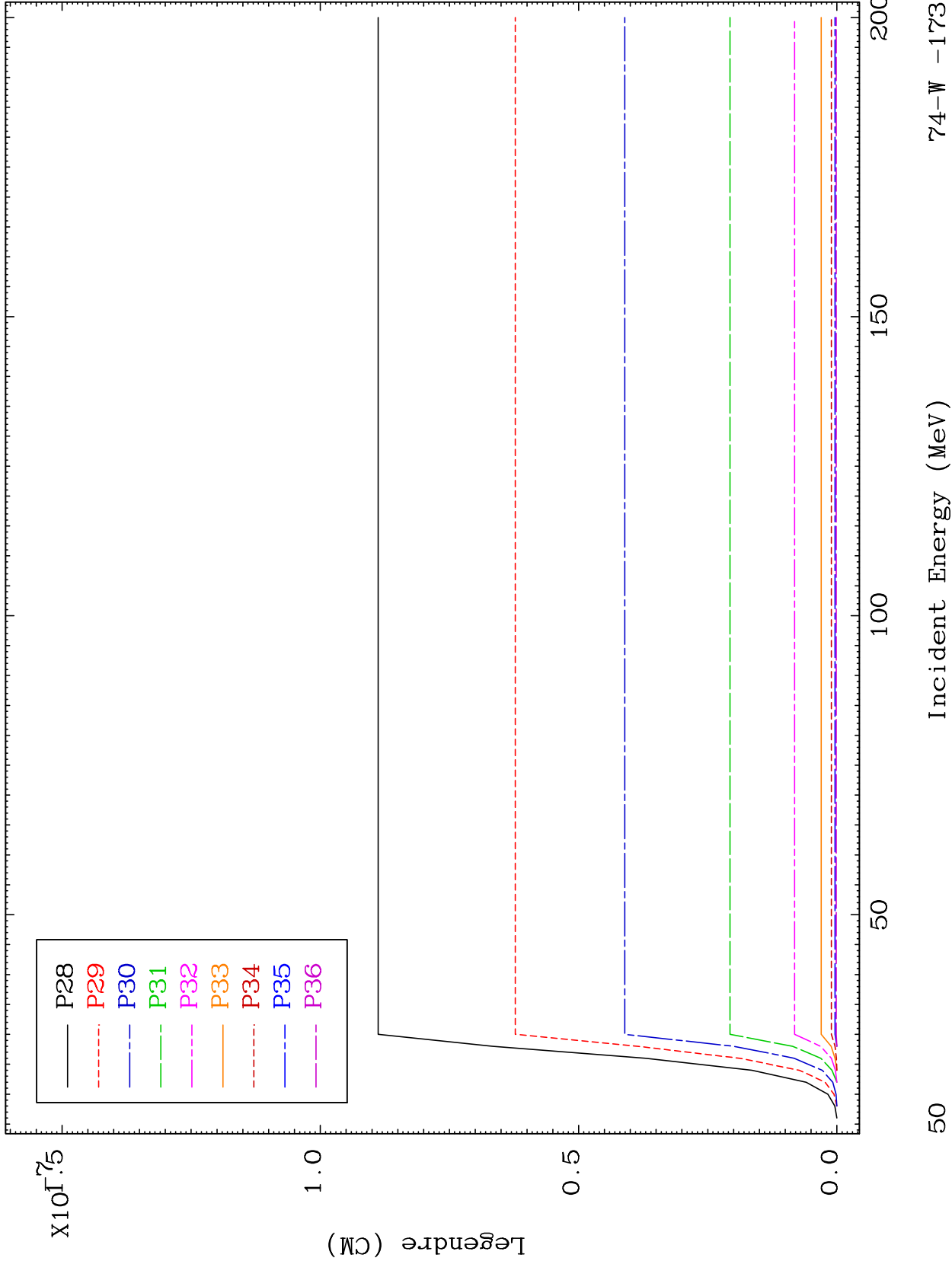
74-W -173



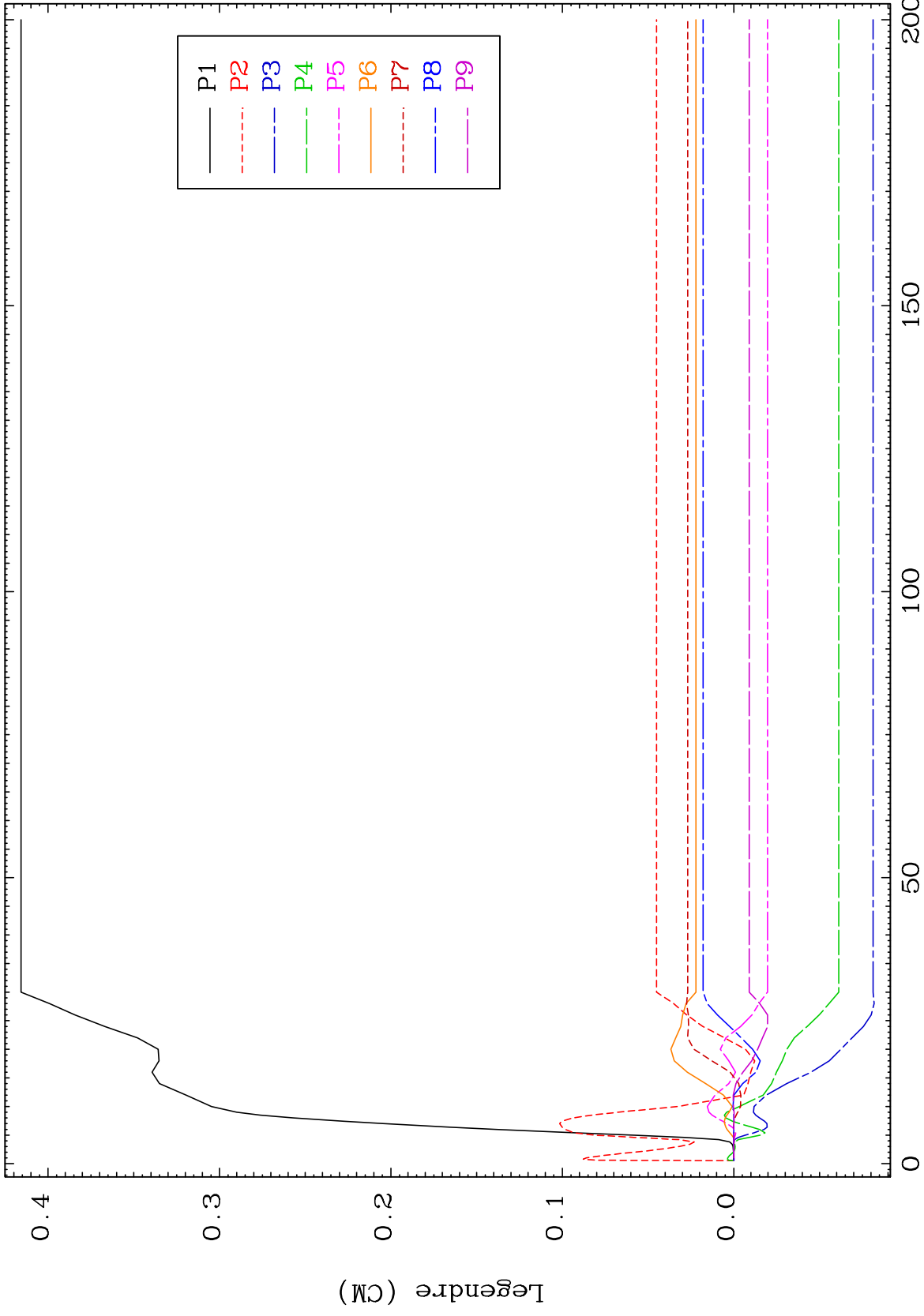
MAT 7404

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

74-W -173



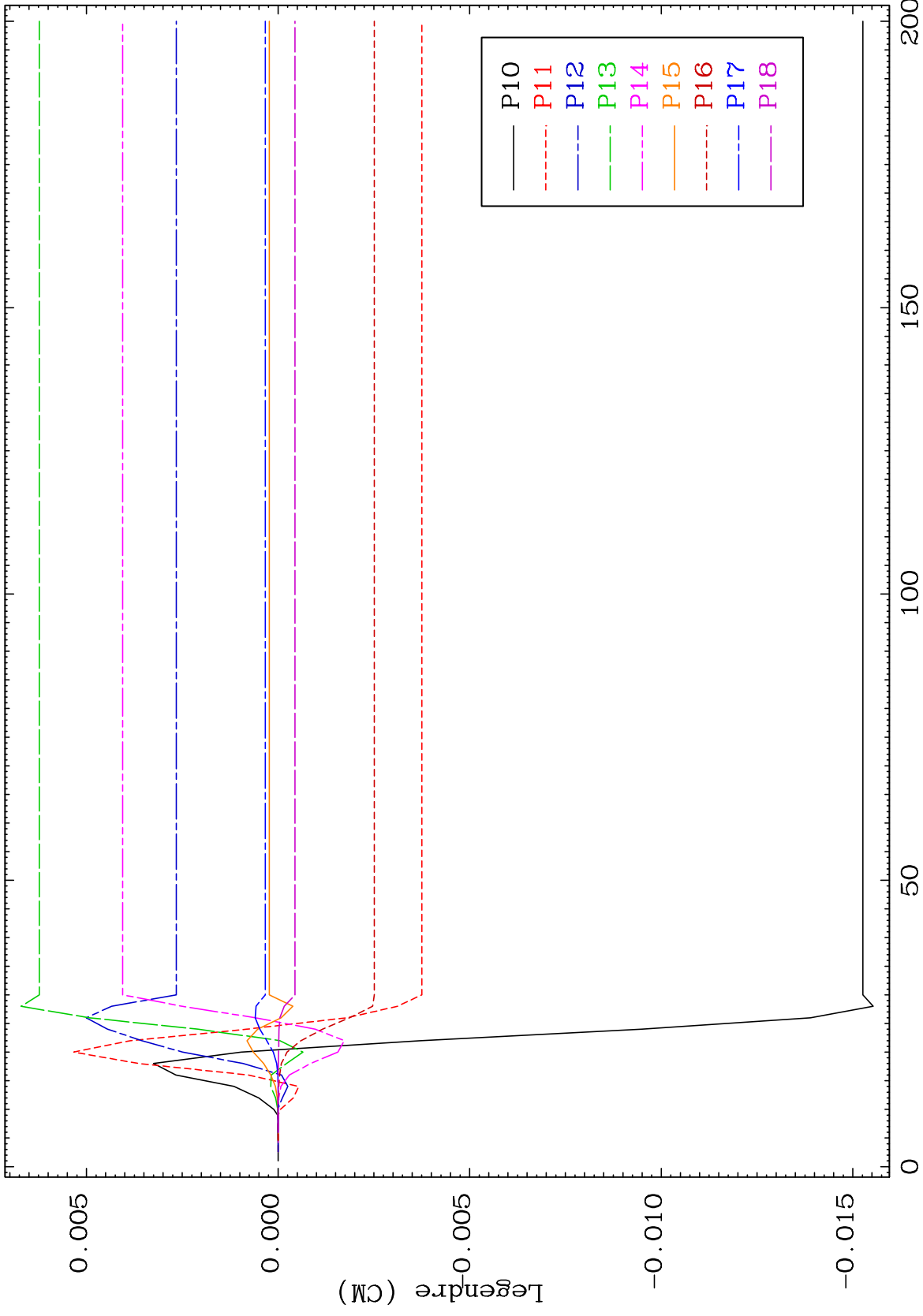
74-W -173



MAT 7404

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

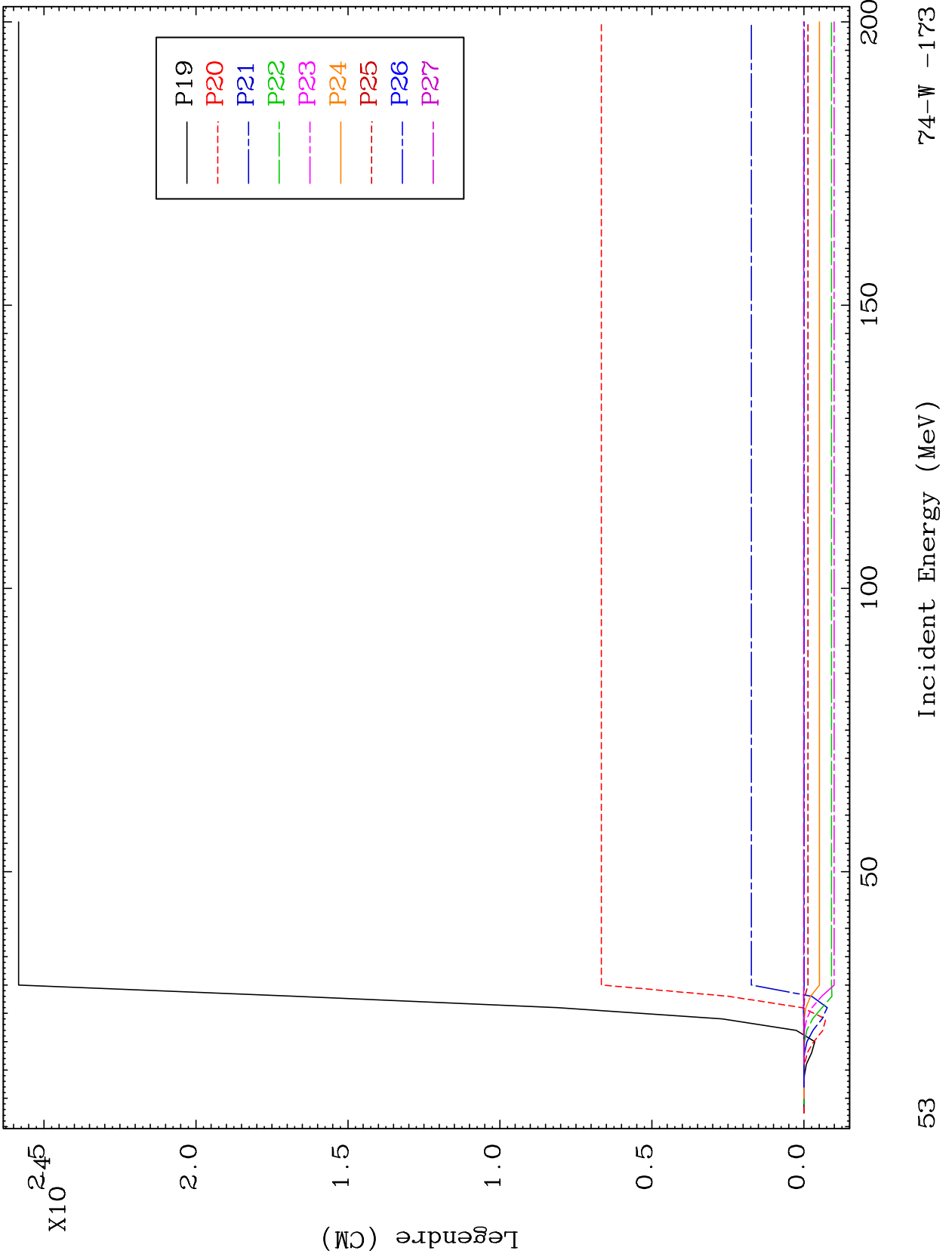
74-W -173

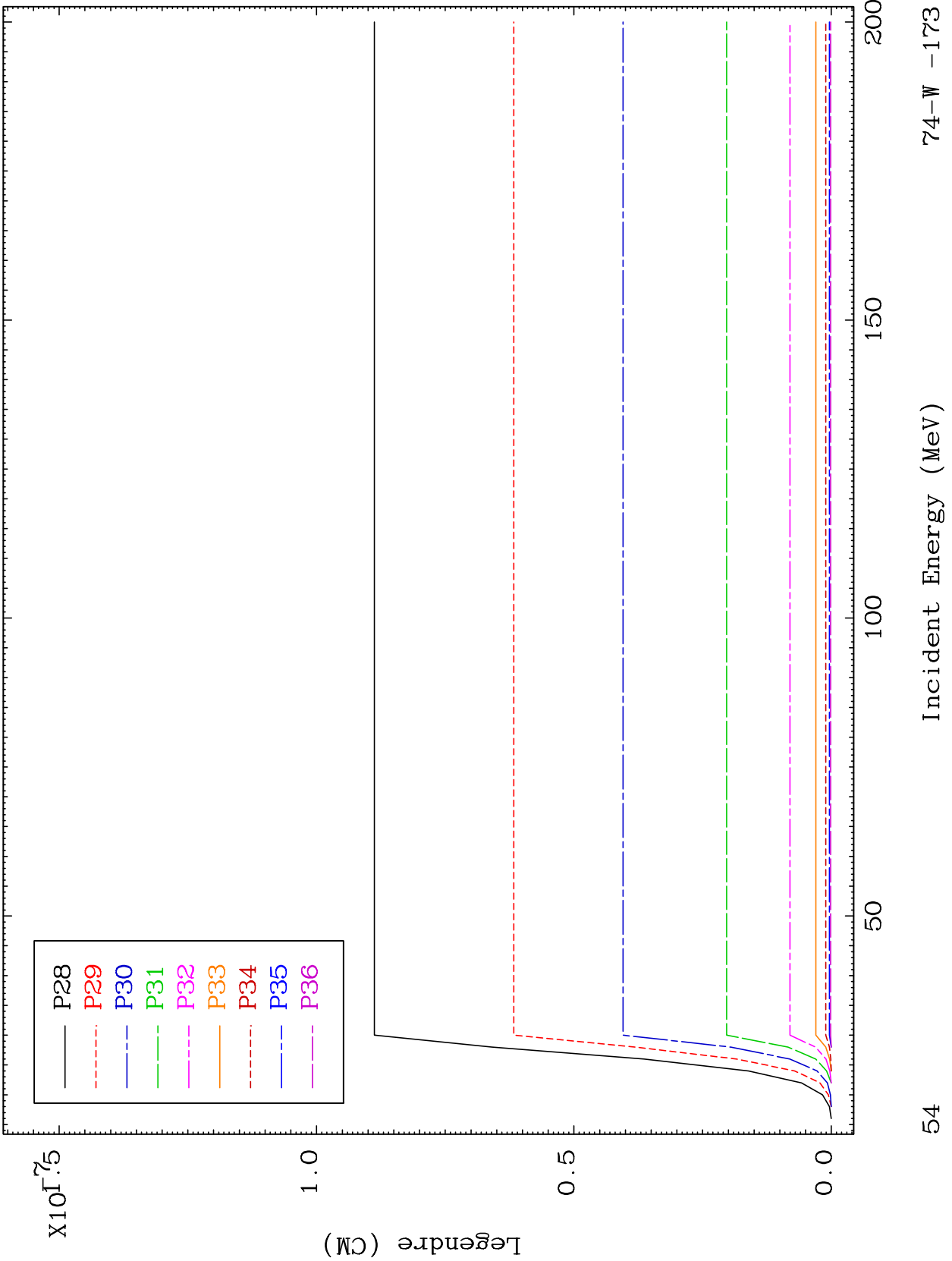


52

Incident Energy (MeV)

74-W -173

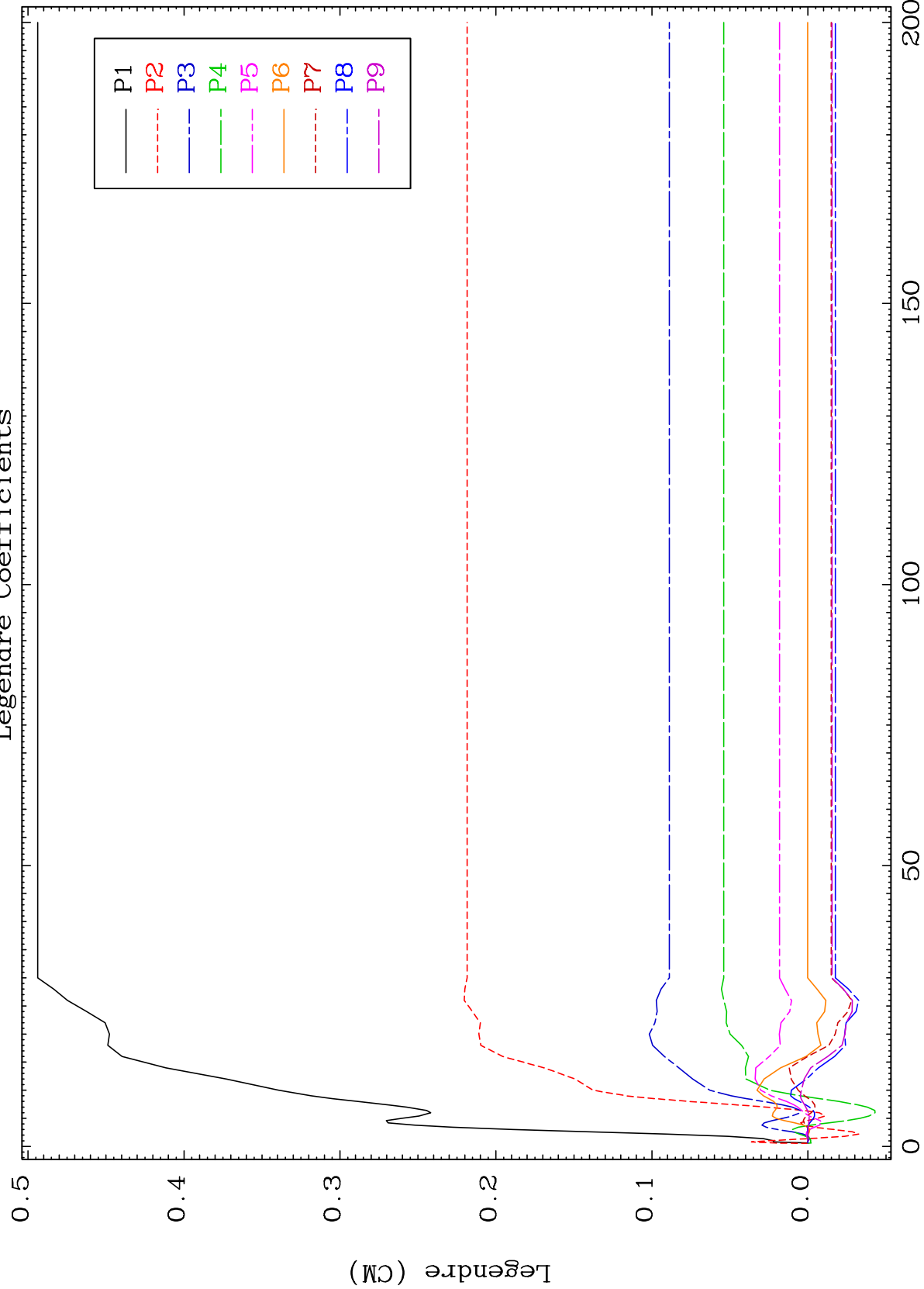




MAT 7404

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

74-W -173



74-W -173

Incident Energy (MeV)

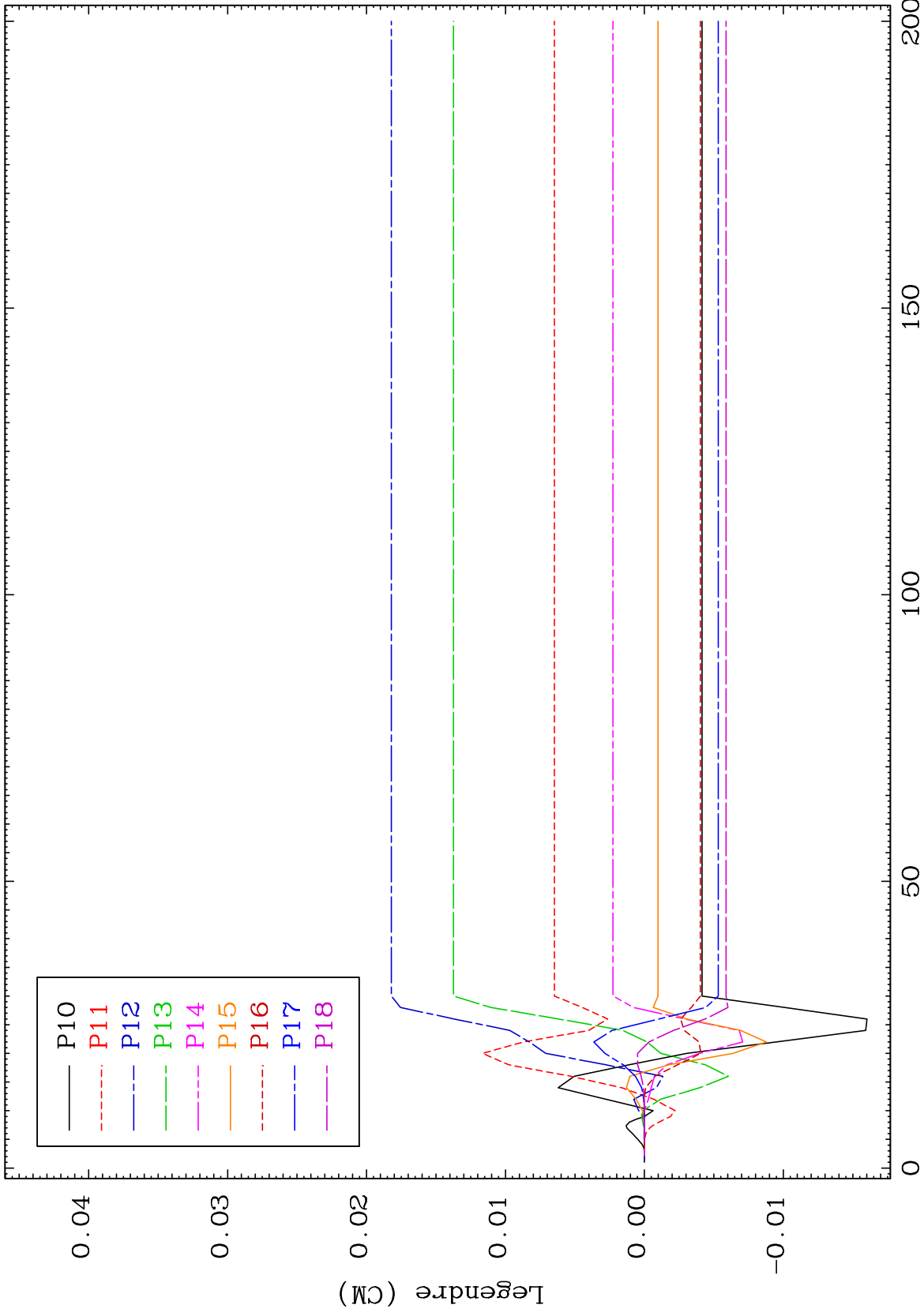
55



MAT 7404

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

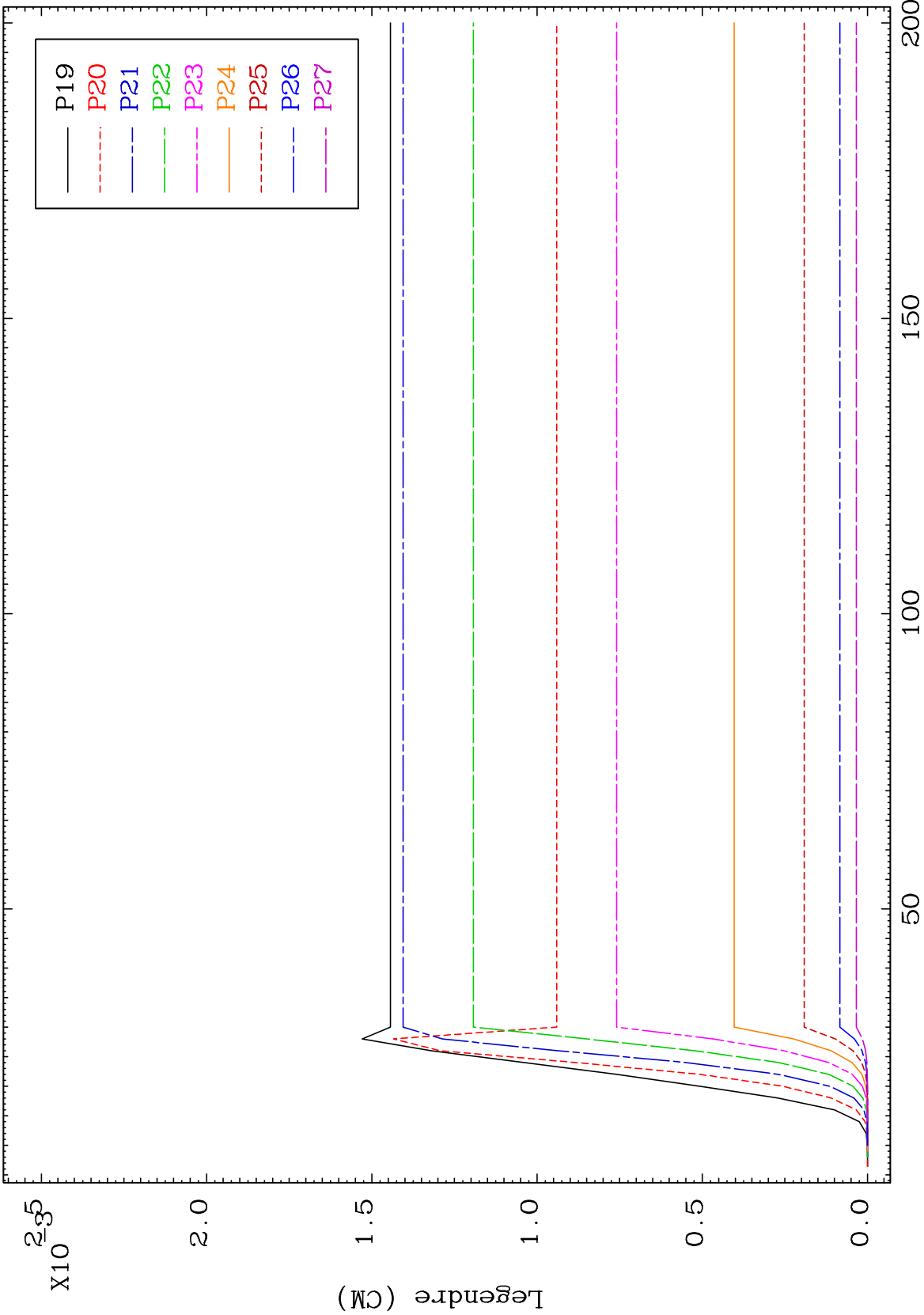
74-W -173

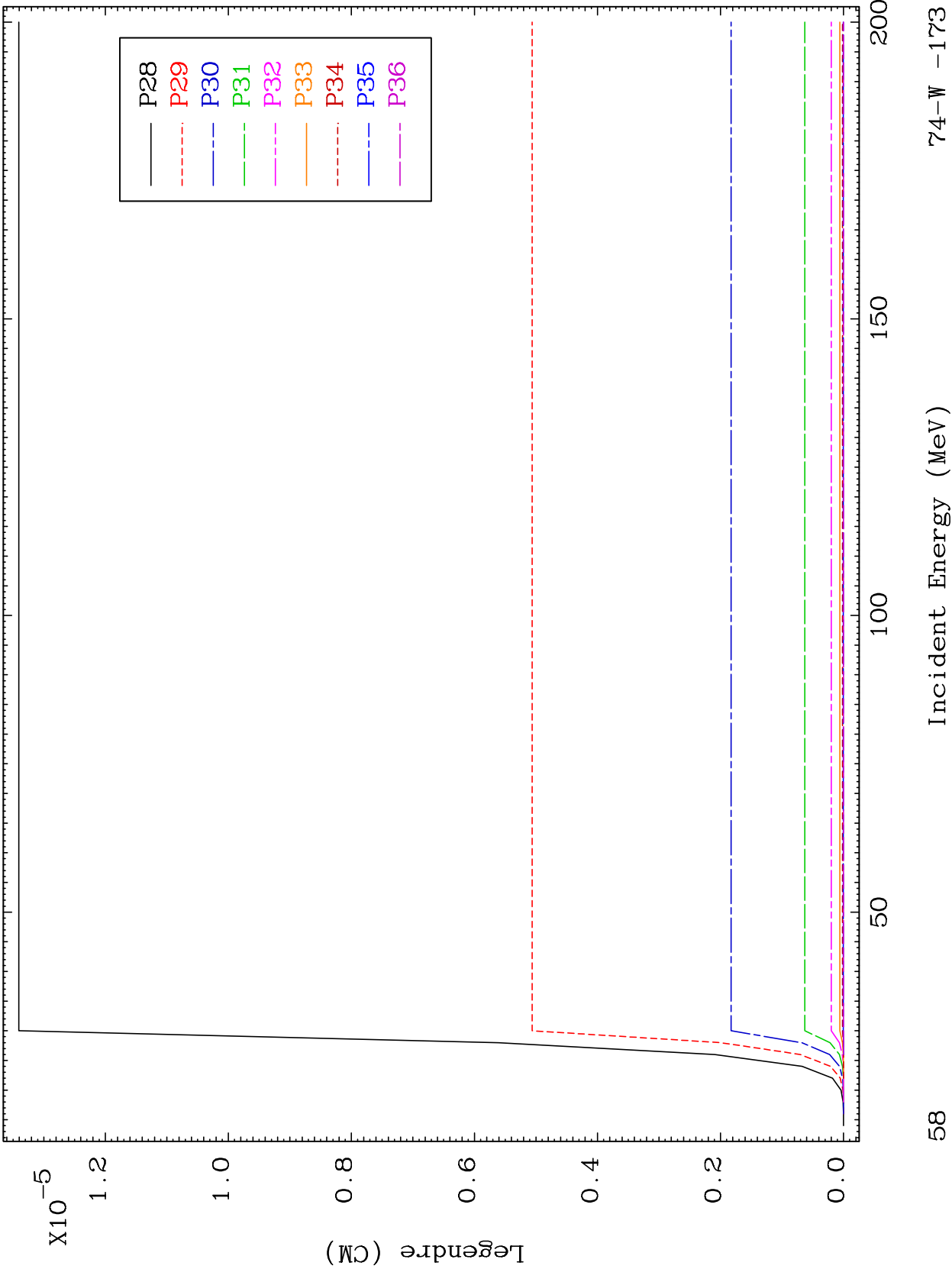


56

Incident Energy (MeV)

74-W -173



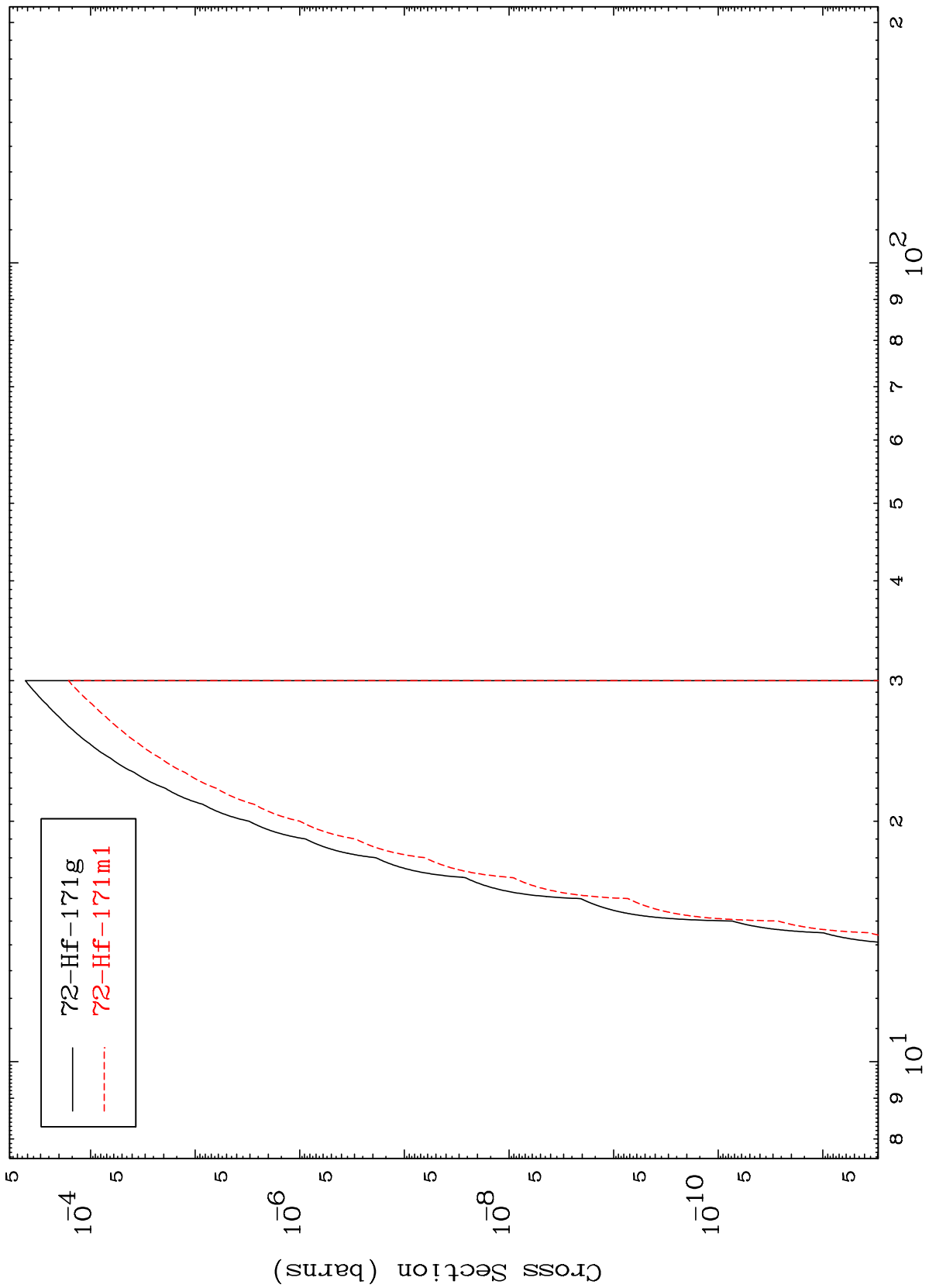


MAT 7404

(n,2n) p

74-W -173

Radionuclide Production Cross Section



59

Incident Energy (MeV)

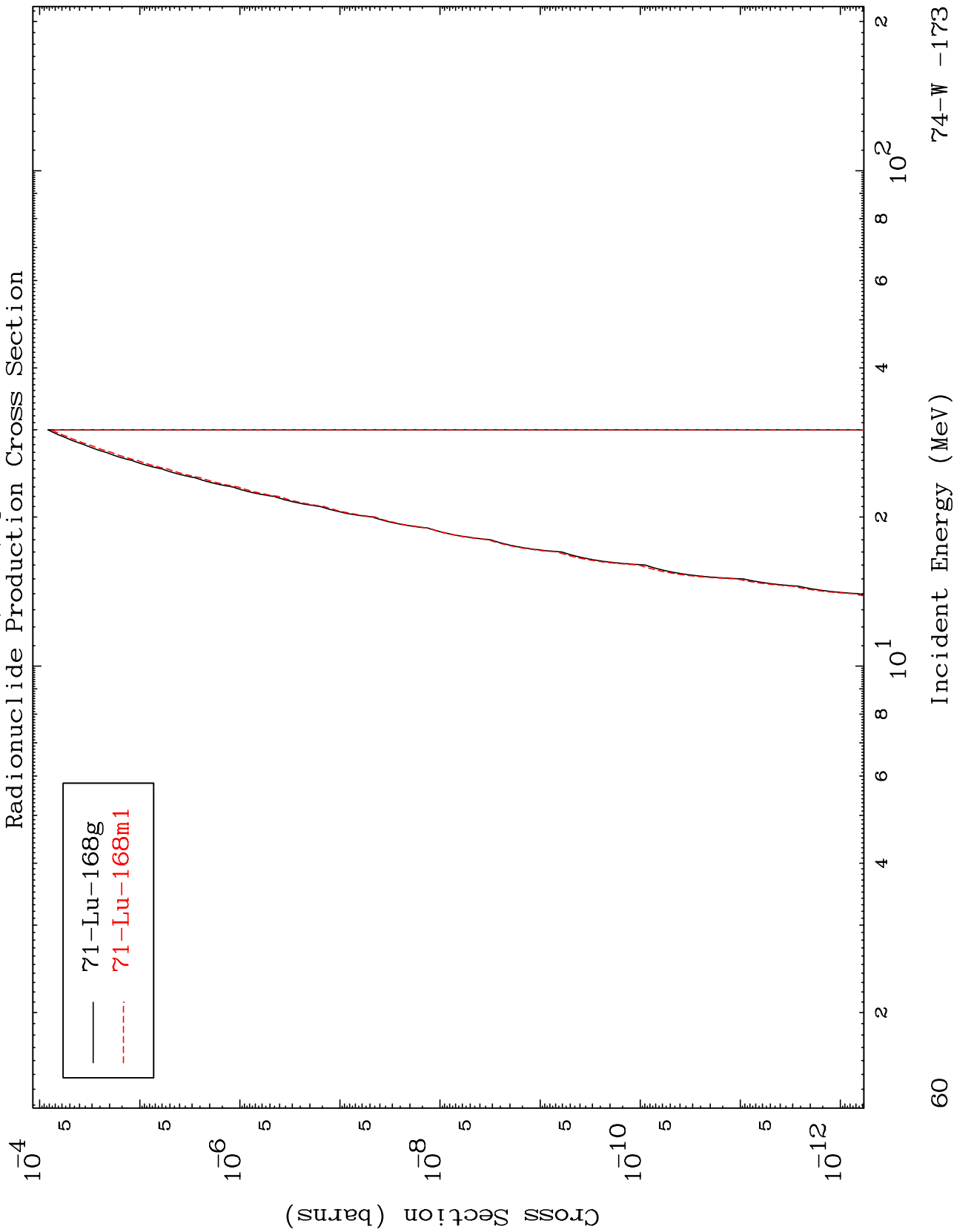
74-W -173

MAT 7404

(n,n') p  $\alpha$

74-W -173

Radionuclide Production Cross Section



60

Incident Energy (MeV)

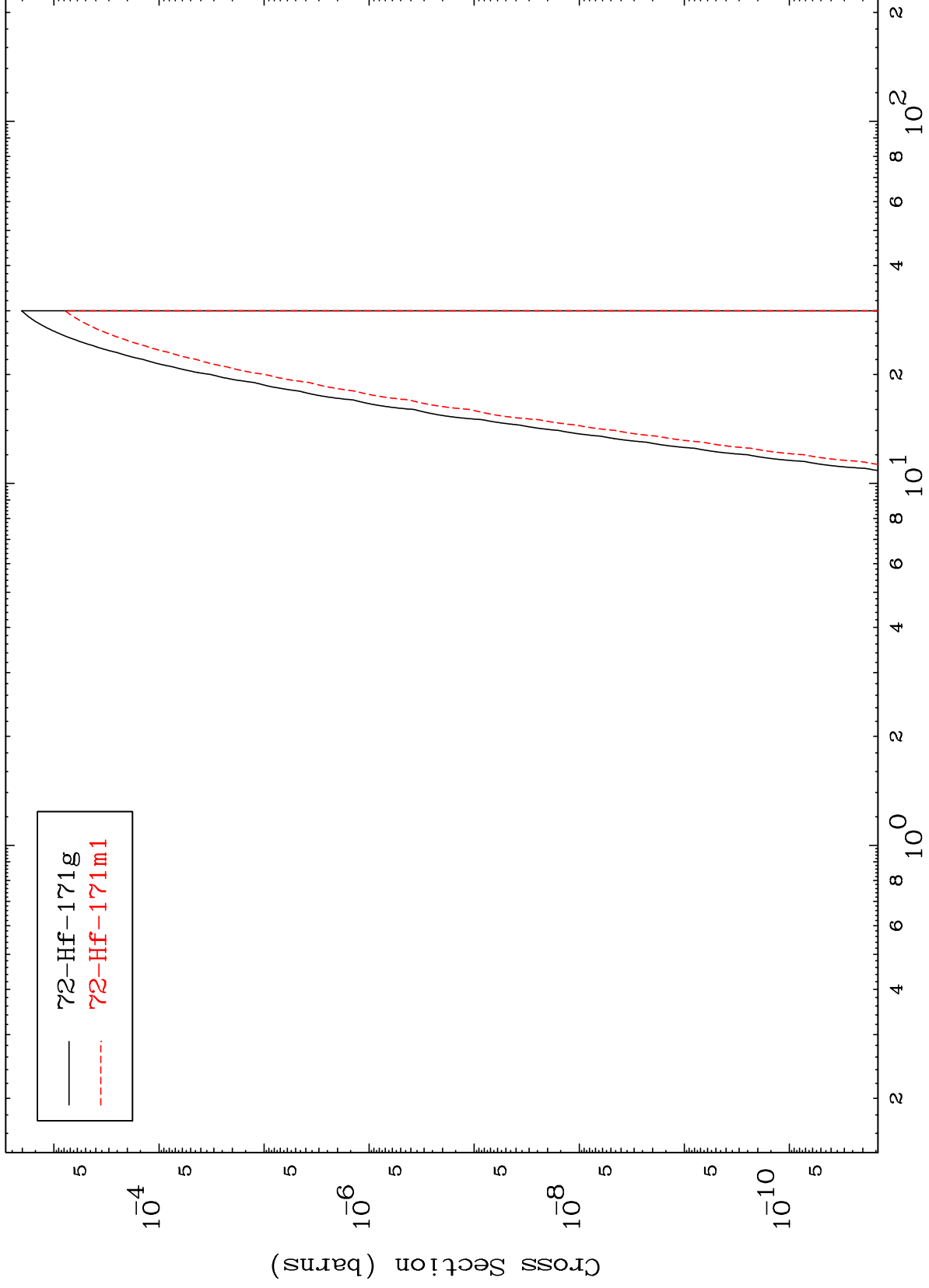
74-W -173

MAT 7404

(n,He-3)

74-W -173

Radionuclide Production Cross Section



61

Incident Energy (MeV)

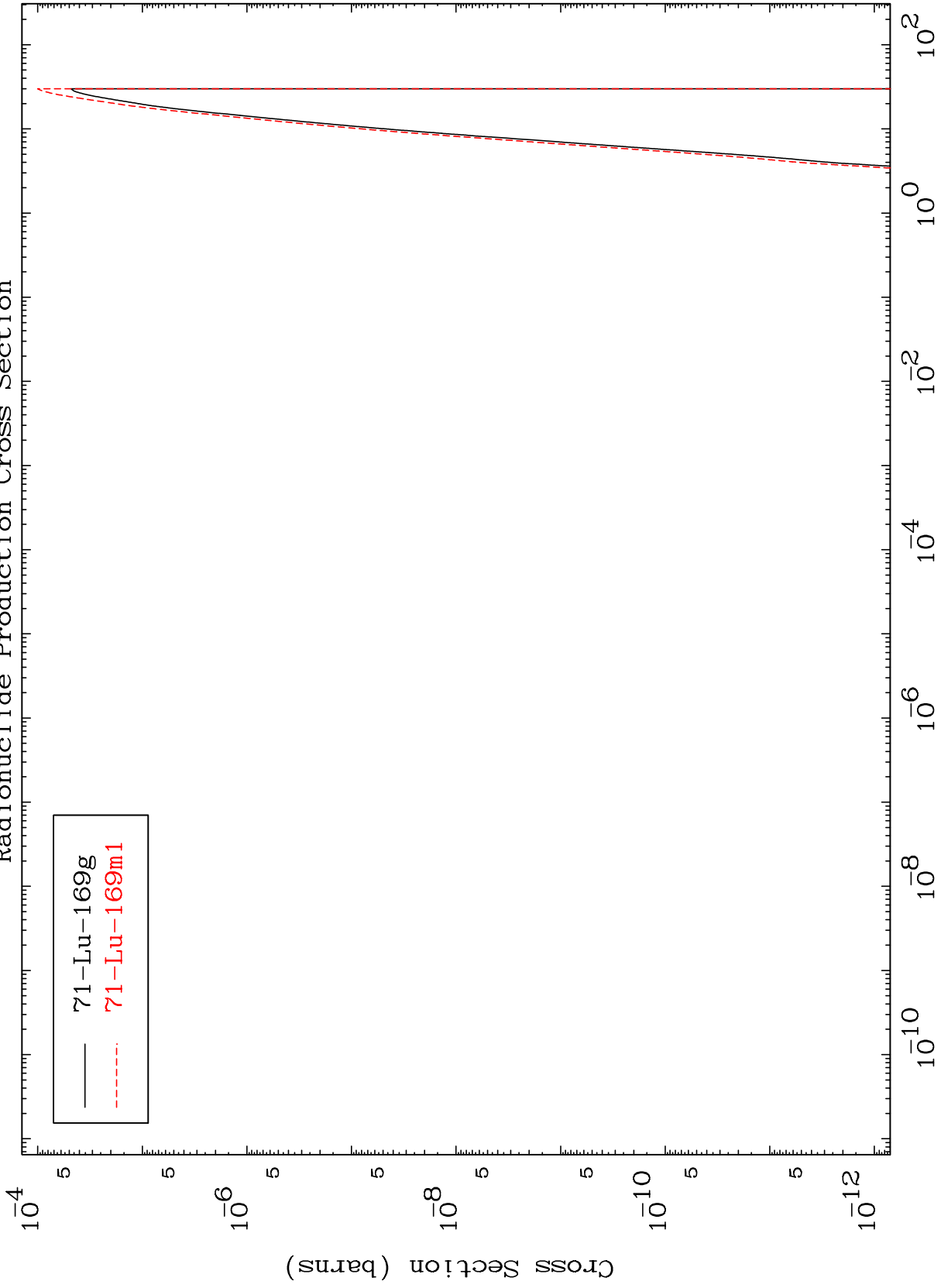
74-W -173

MAT 7404

(n,p)  $\alpha$

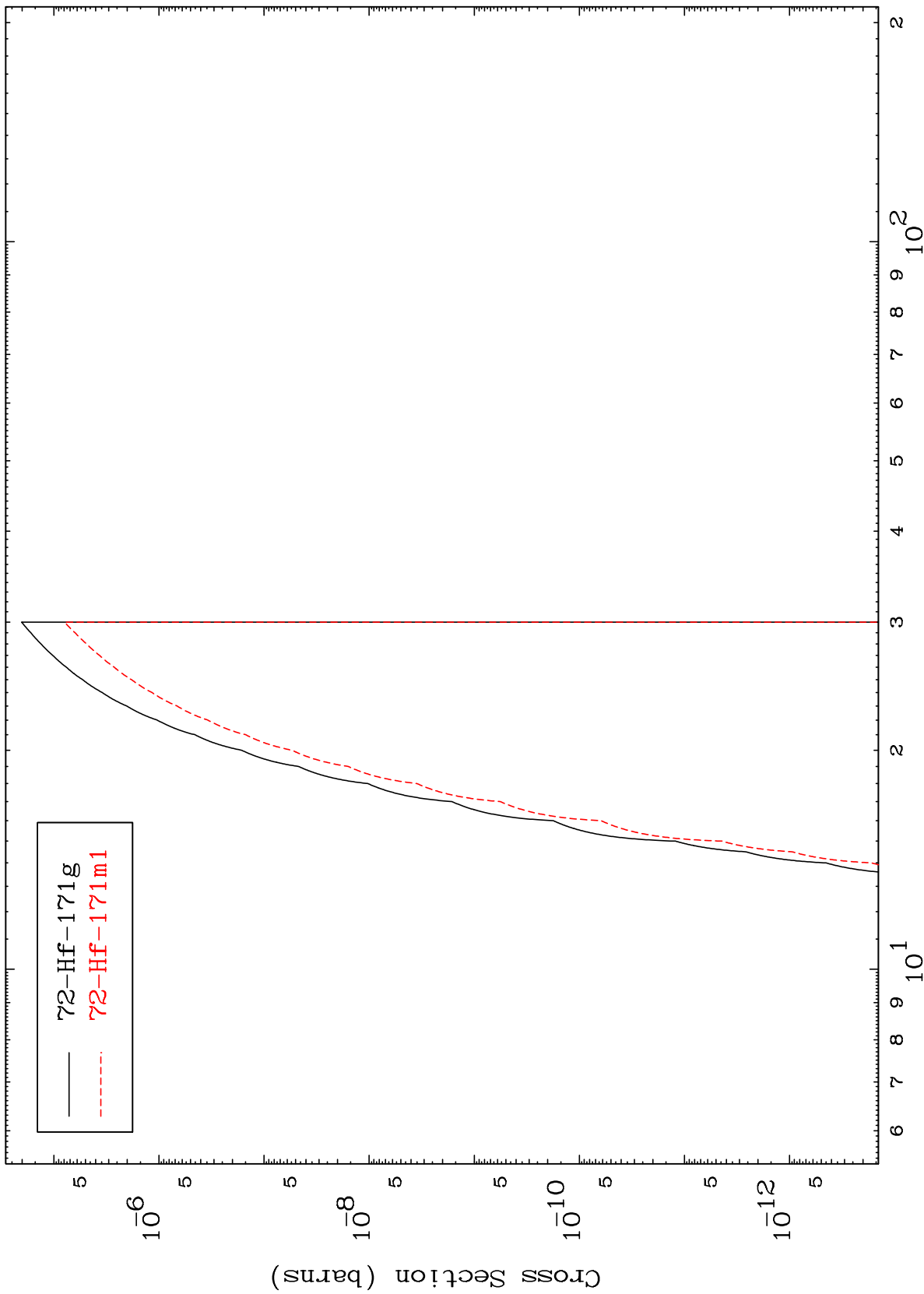
74-W -173

Radionuclide Production Cross Section



—  $^{71}\text{Lu-169g}$   
- - -  $^{71}\text{Lu-169m1}$

Radionuclide Production Cross Section



—  $^{72}\text{Hf-171g}$   
- - -  $^{72}\text{Hf-171m1}$



MAT 7404

(n,d)  $\alpha$

74-W -173

