

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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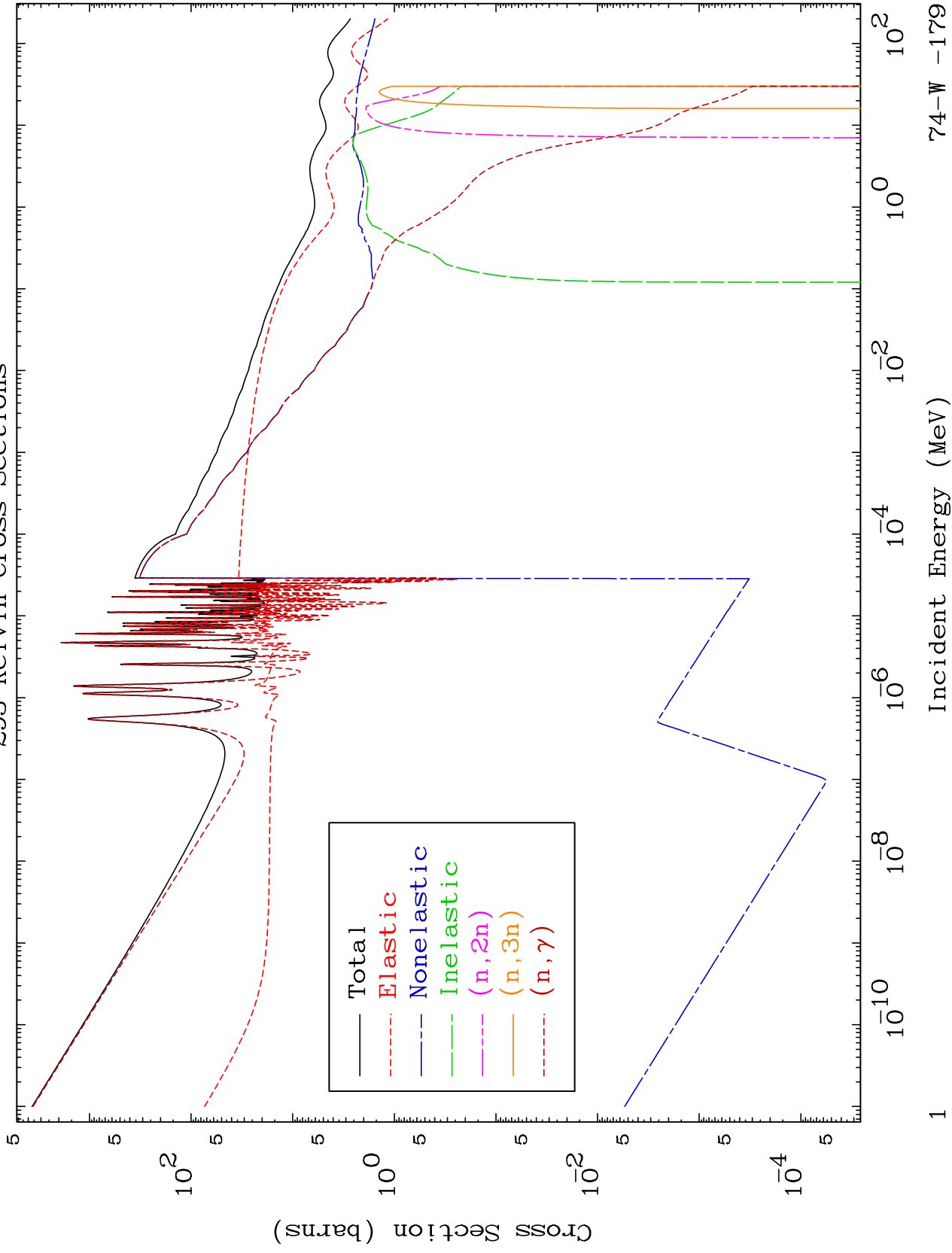
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7422

Neutron Major  
293 Kelvin Cross Sections

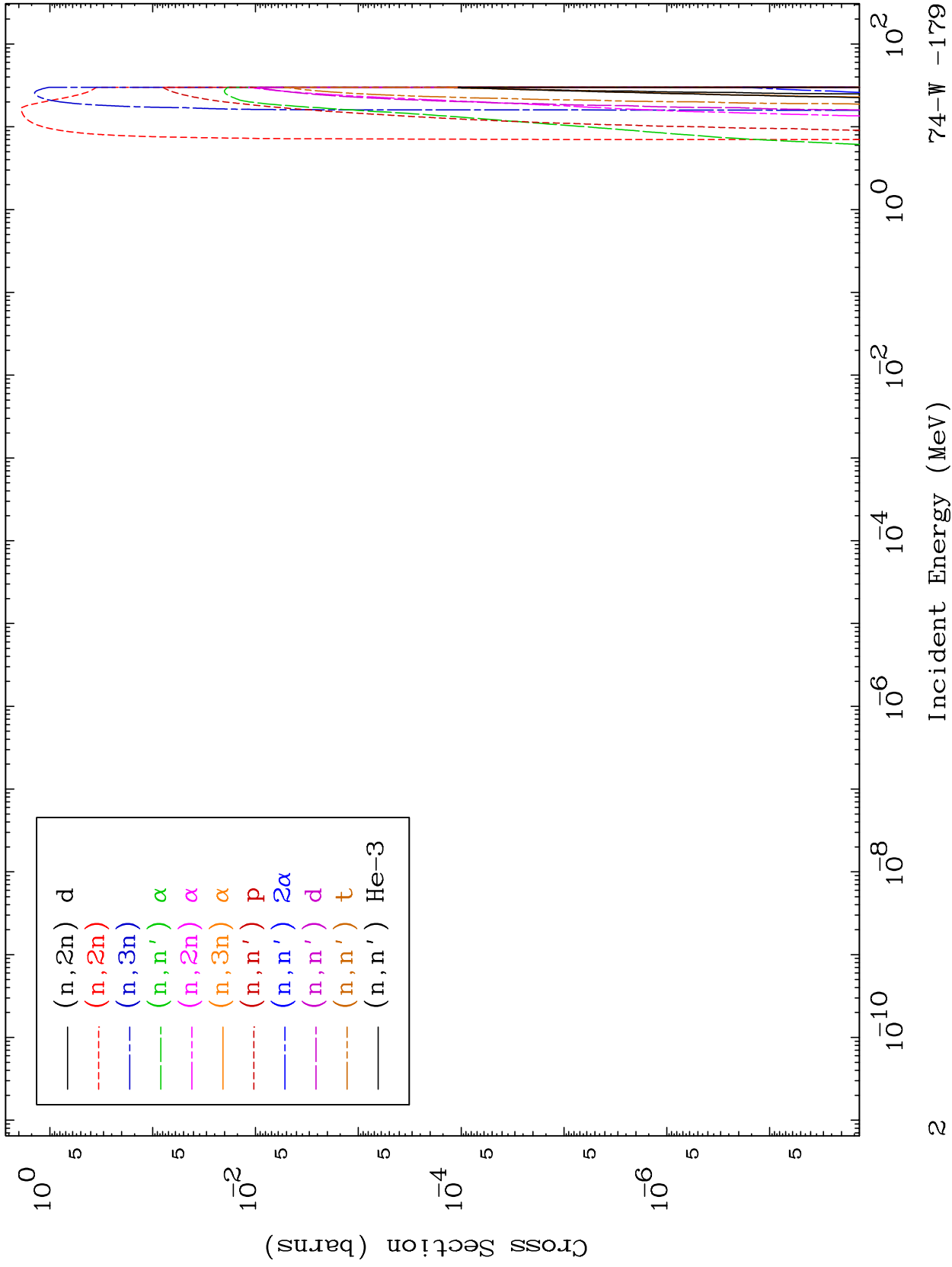
74-W -179

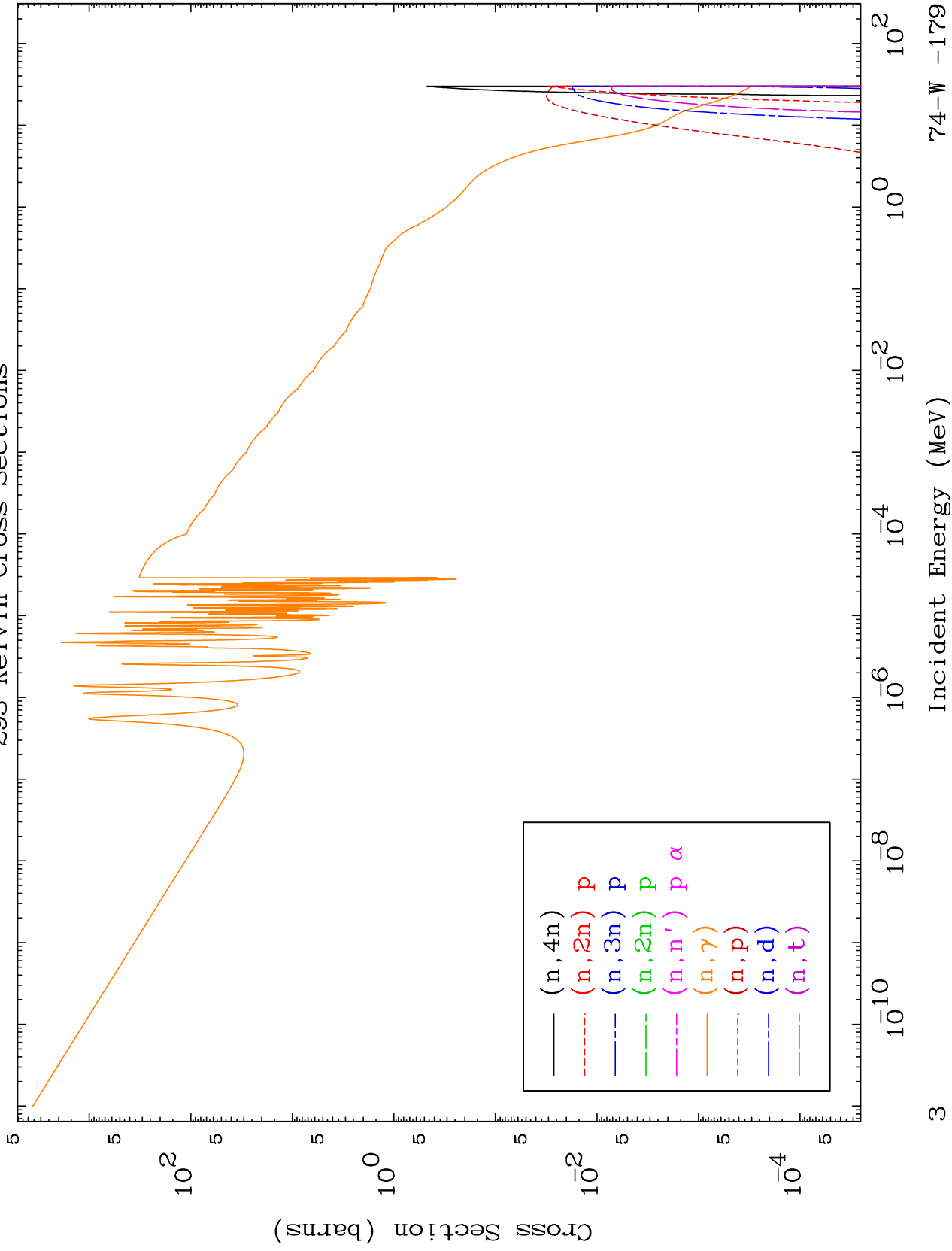


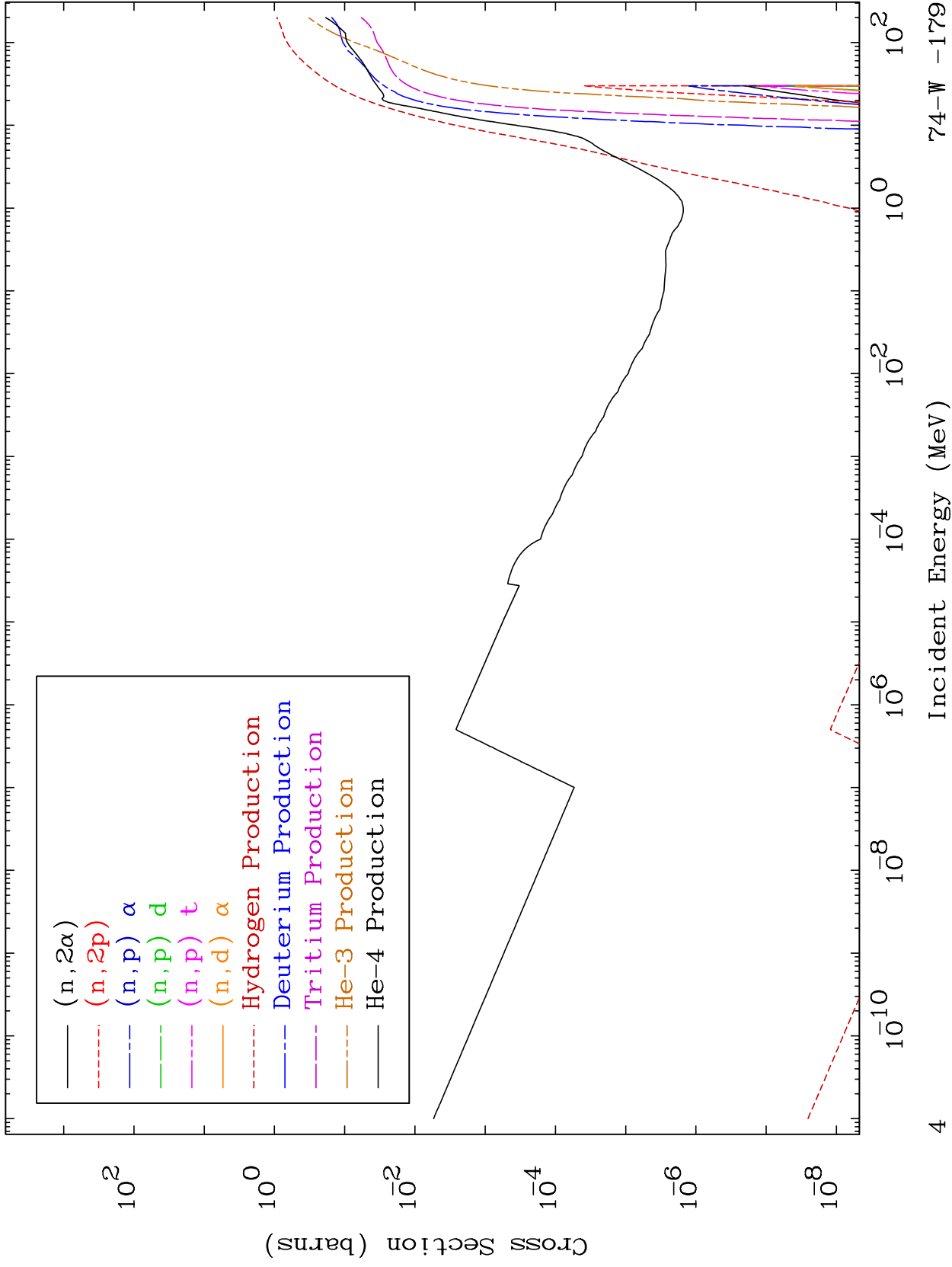
MAT 7422

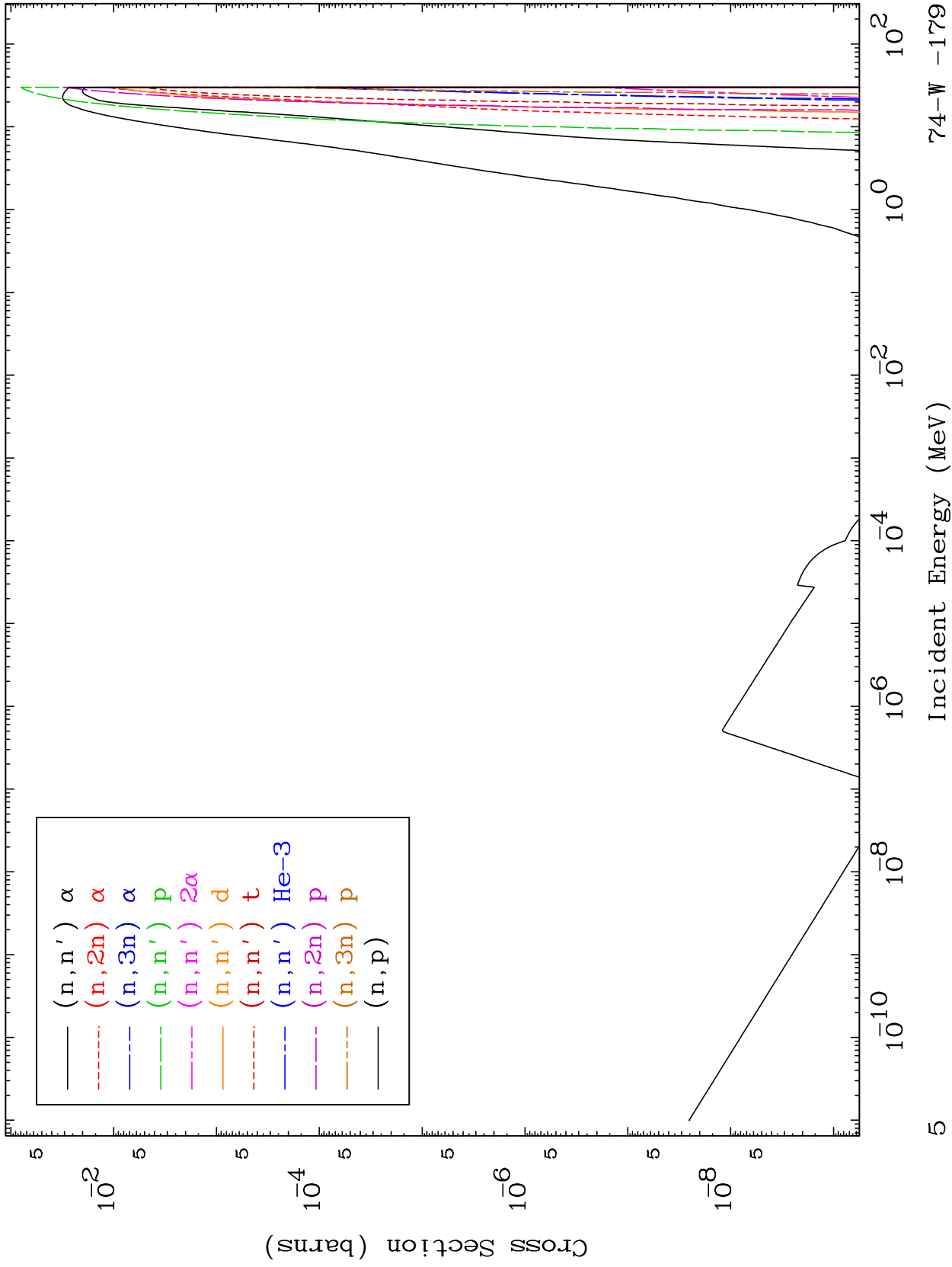
Neutron Absorption  
293 Kelvin Cross Sections

74-W -179





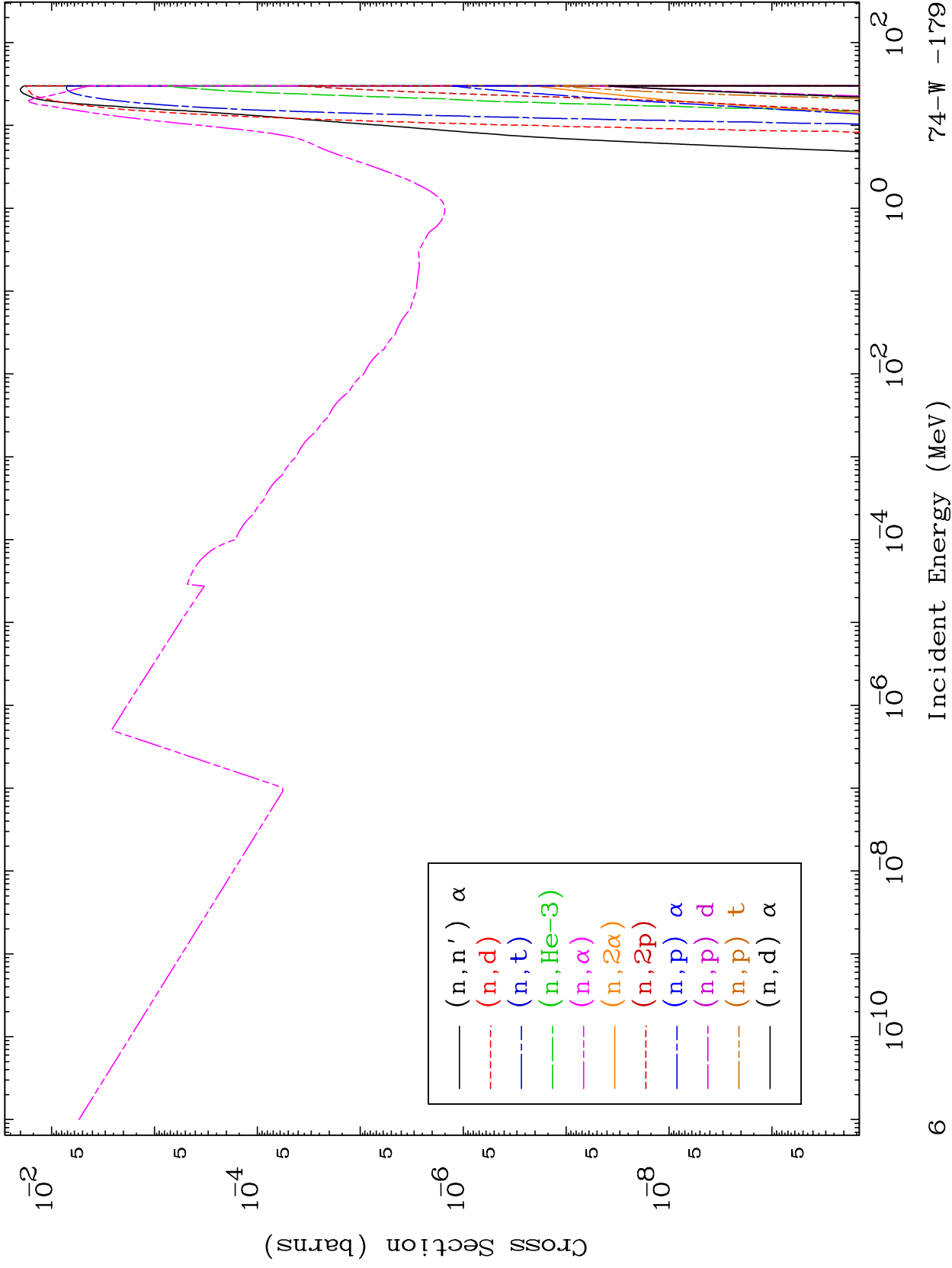


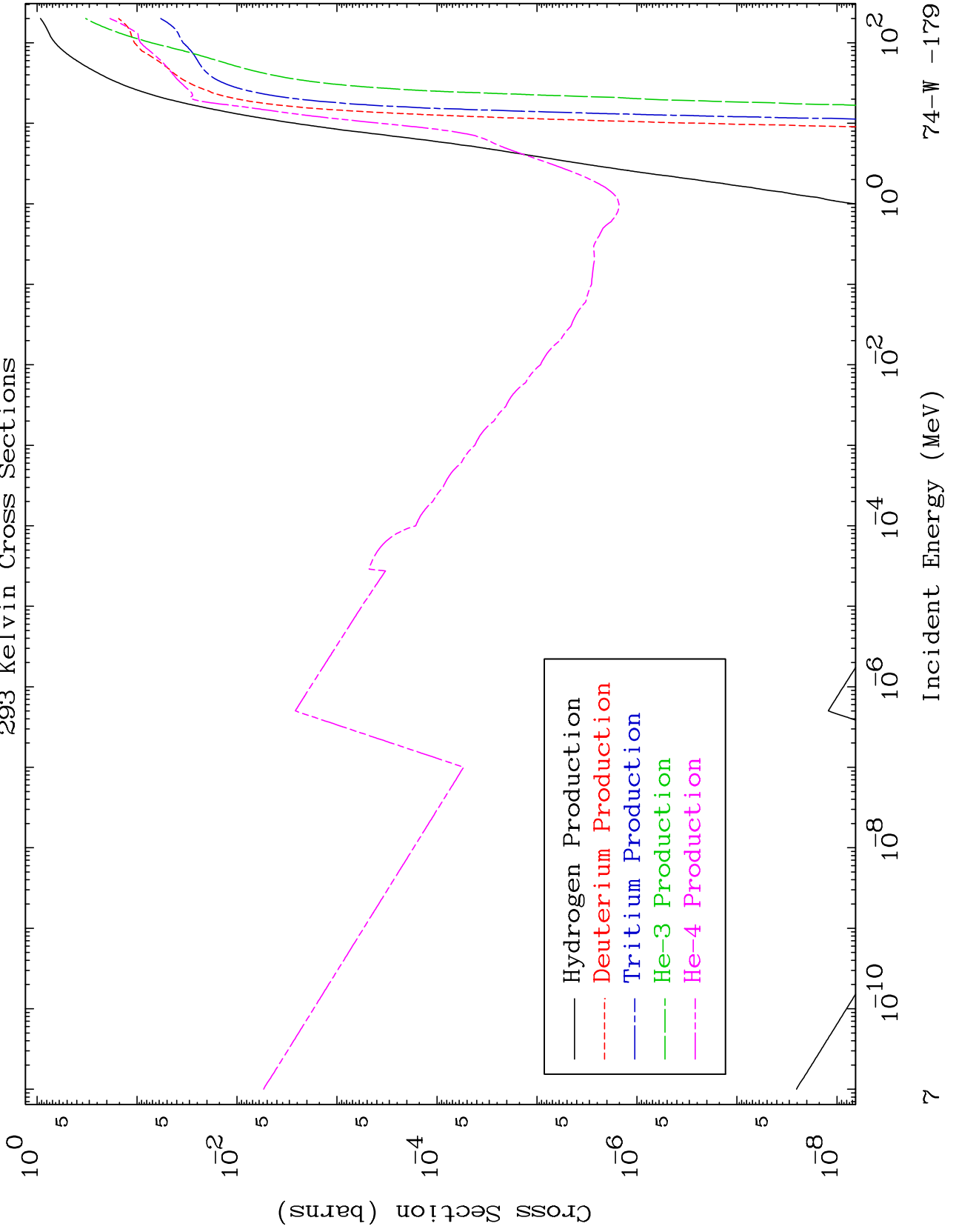


MAT 7422

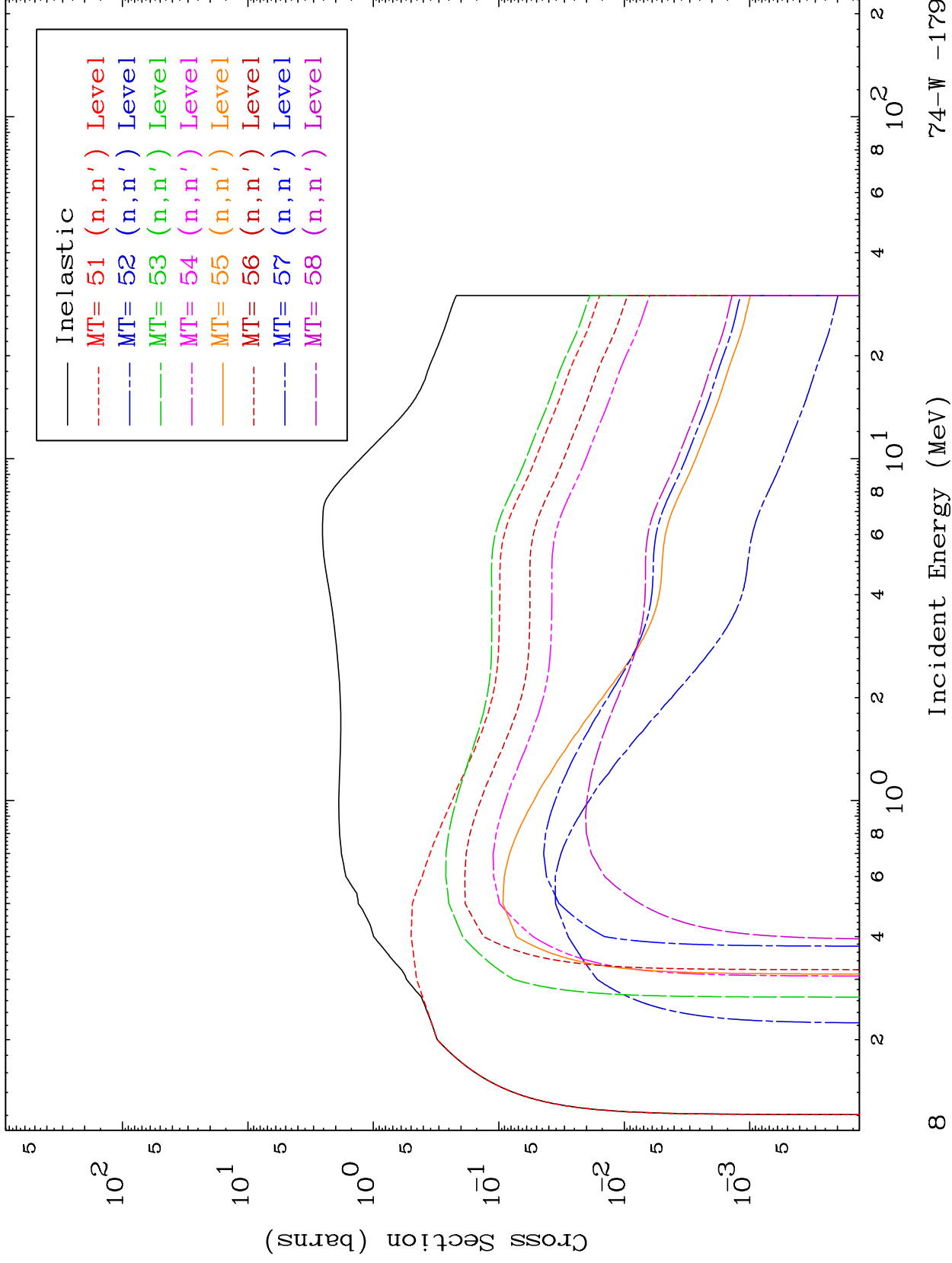
Charged Particle  
293 Kelvin Cross Sections

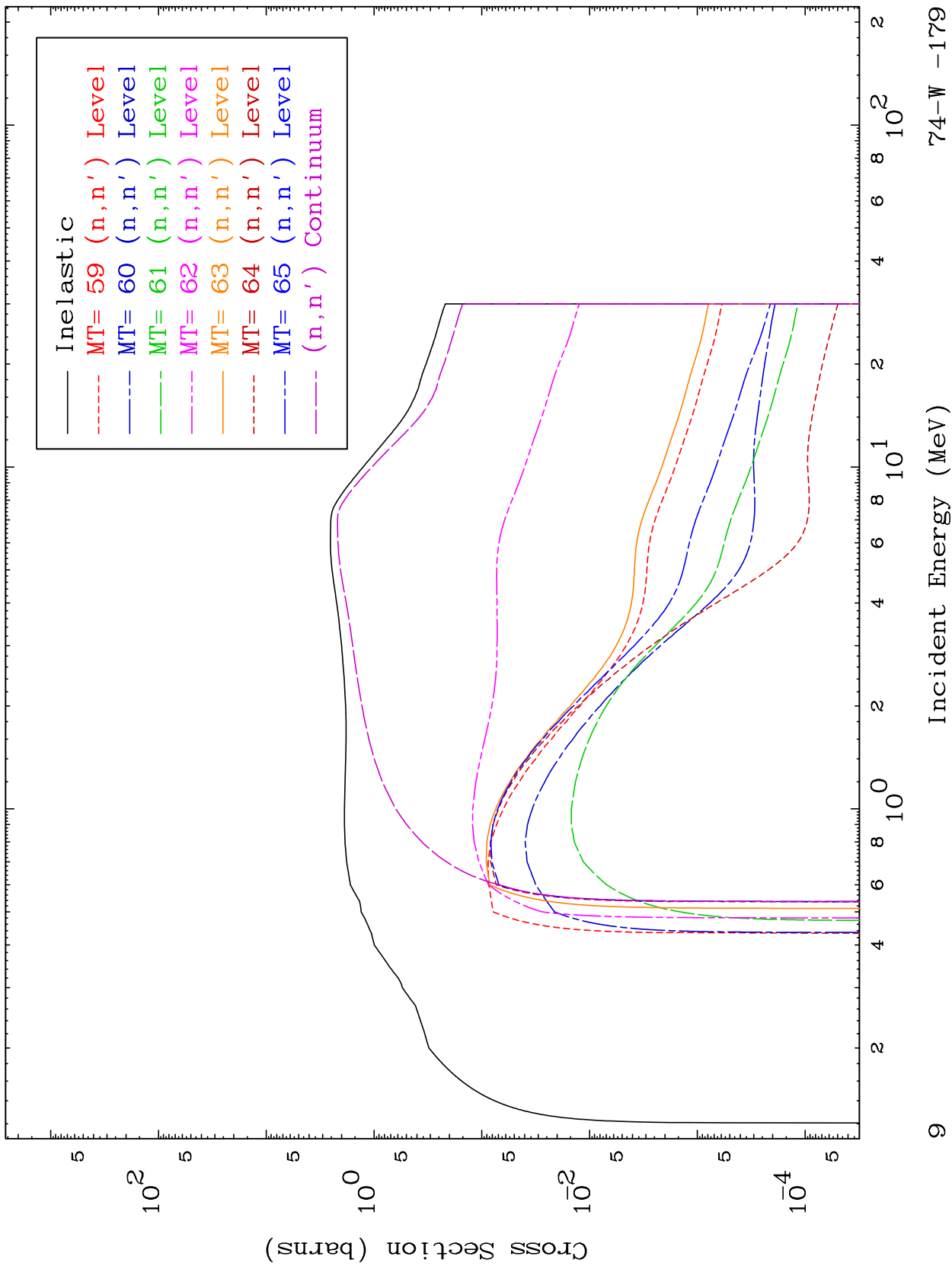
74-W -179







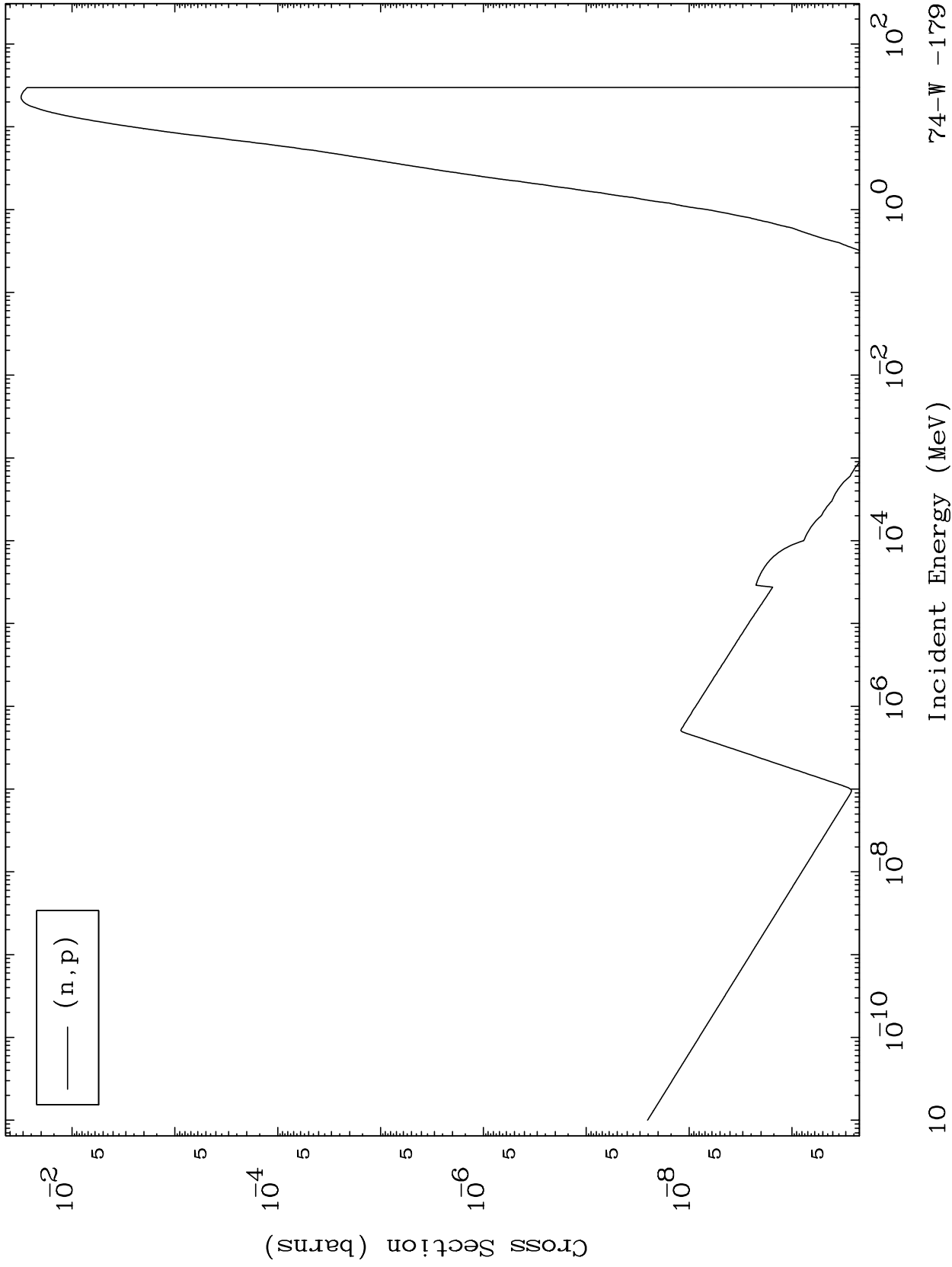




MAT 7422

(n,p) Levels  
293 Kelvin Cross Sections

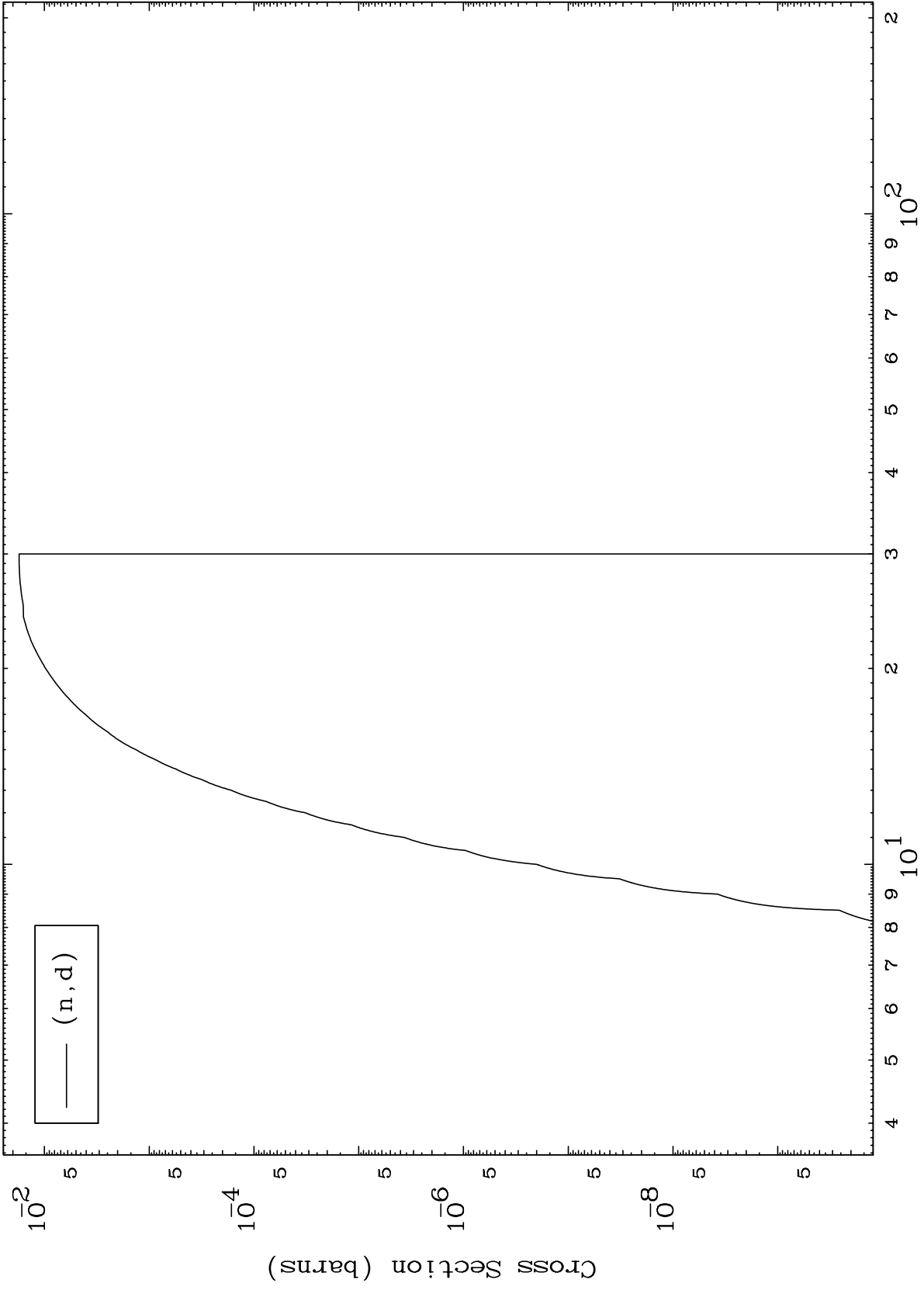
74-W -179



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Incident Energy (MeV)

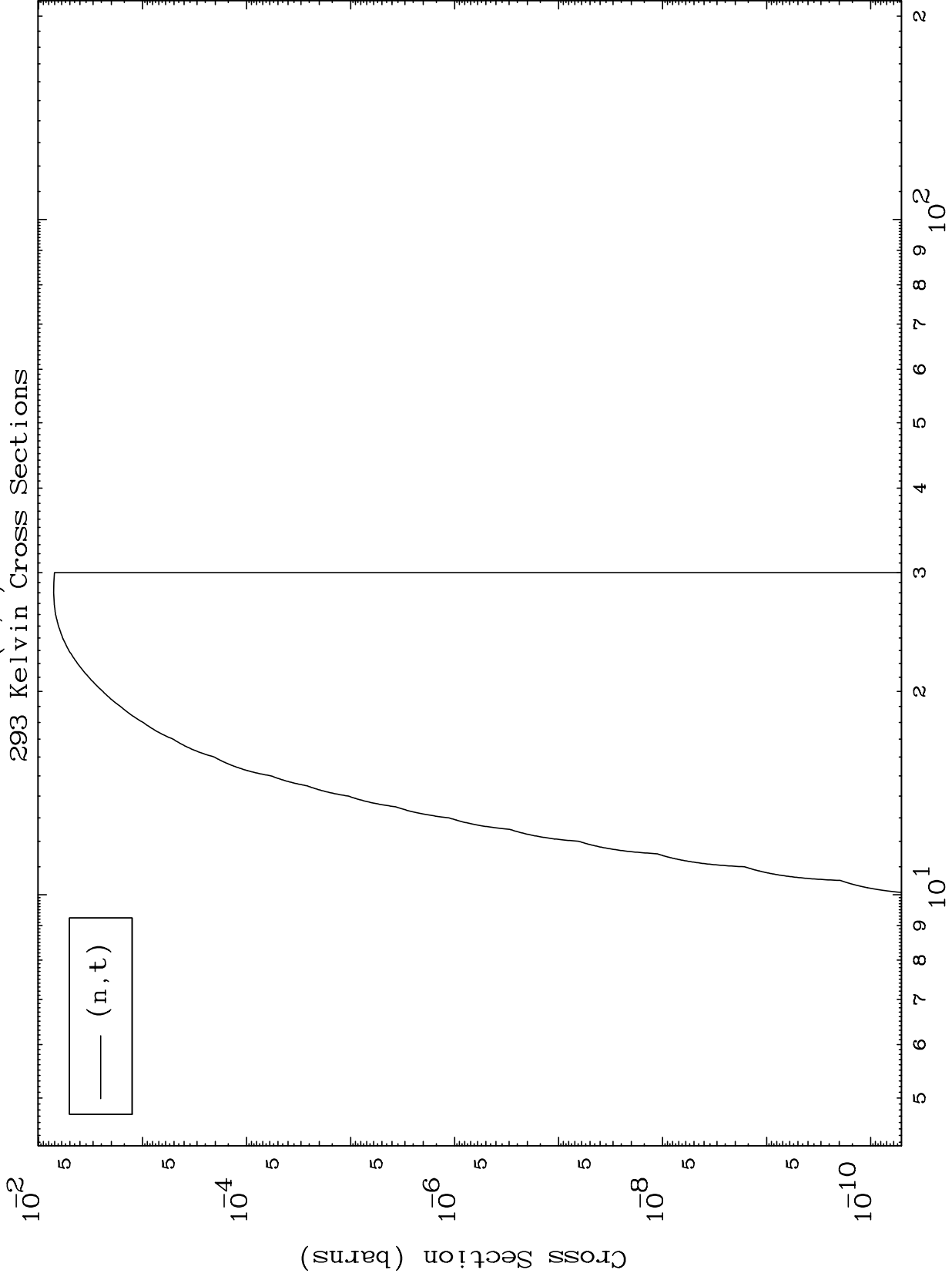
74-W -179



MAT 7422

(n,t) Levels  
293 Kelvin Cross Sections

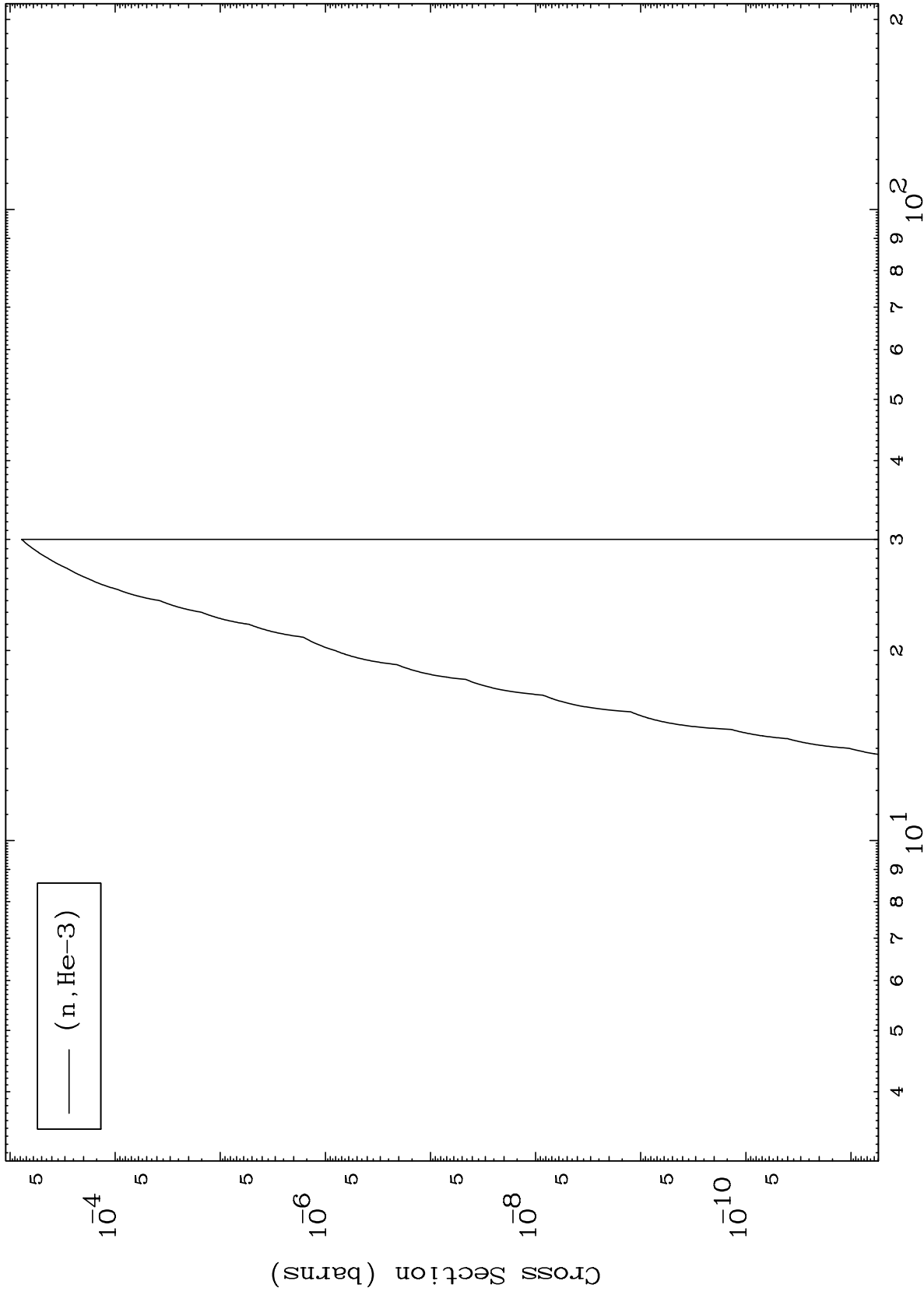
74-W -179



12

Incident Energy (MeV)

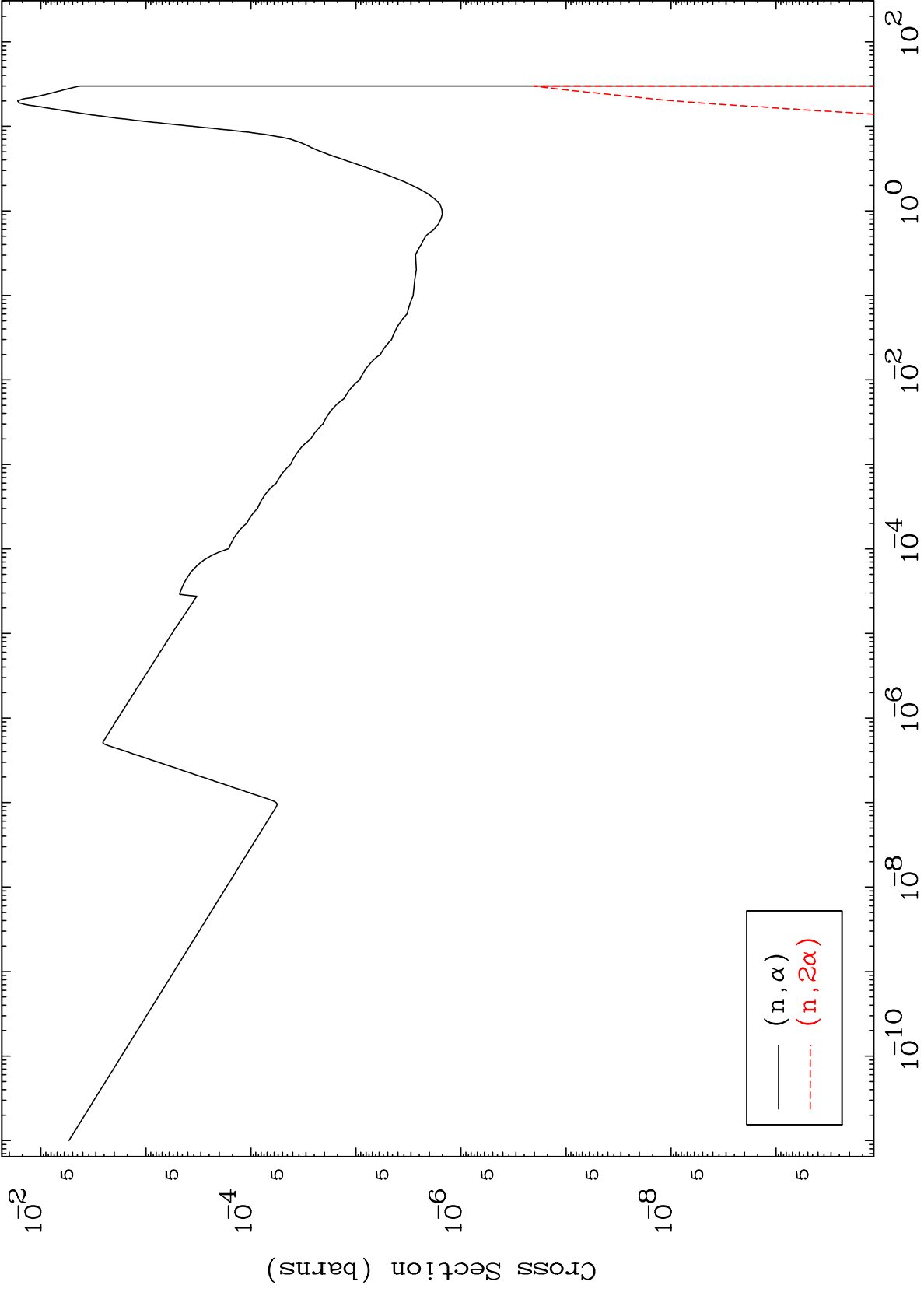
74-W -179



MAT 7422

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

74-W -179



14

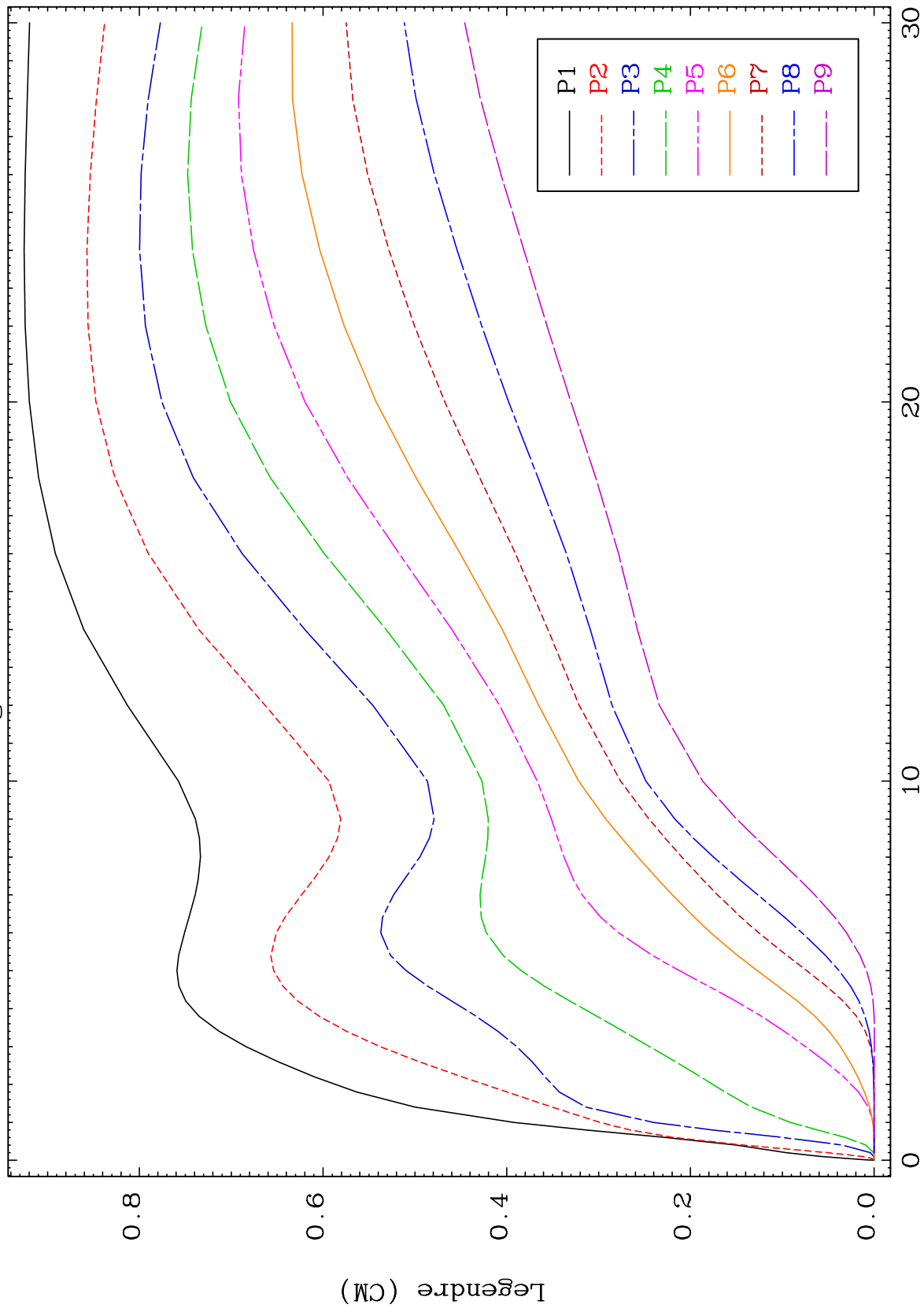
Incident Energy (MeV)

74-W -179

MAT 7422

74-W -179

Elastic Legendre Coefficients



74-W -179

Incident Energy (MeV)

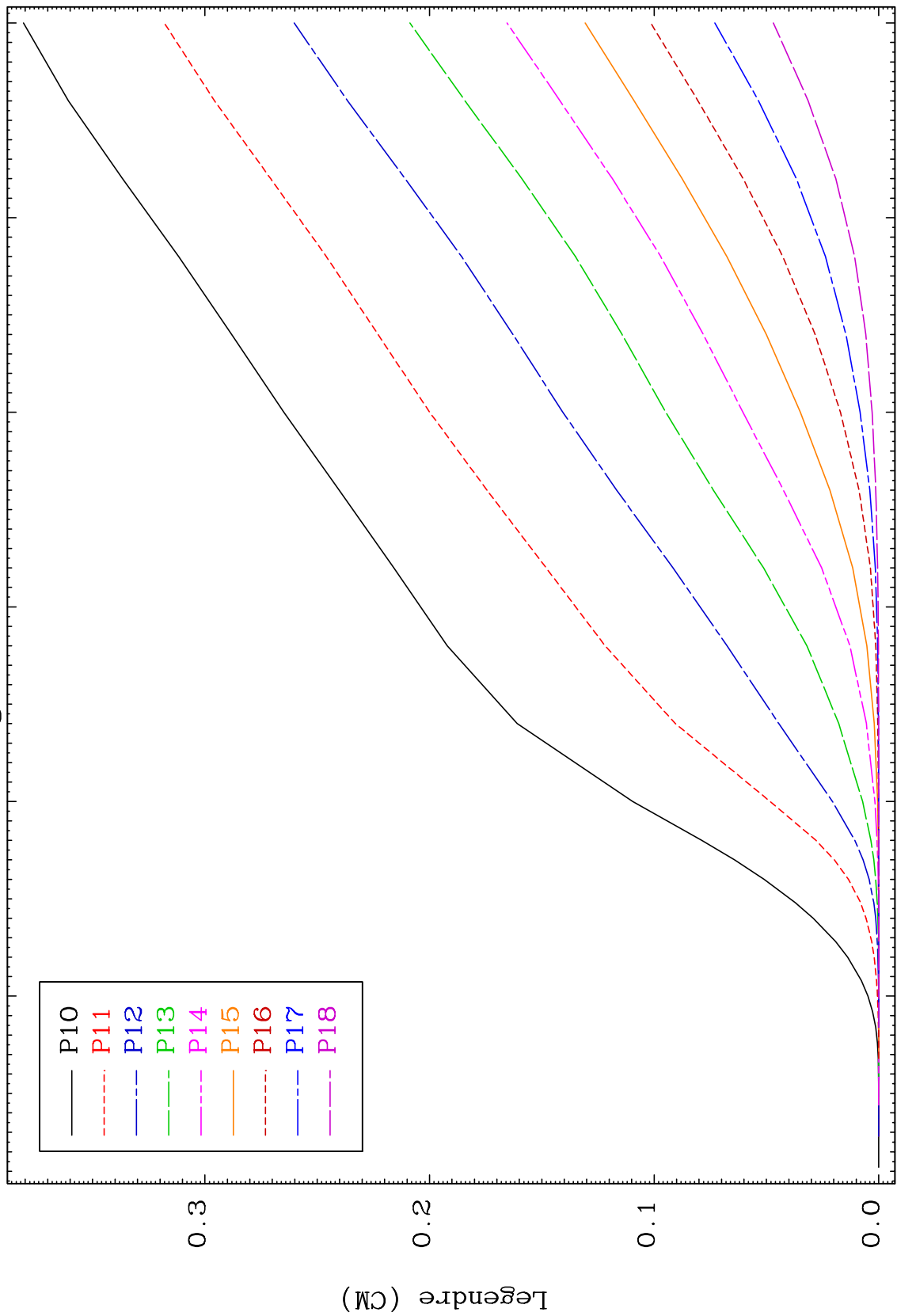
15



MAT 7422

Elastic Legendre Coefficients

74-W -179



16

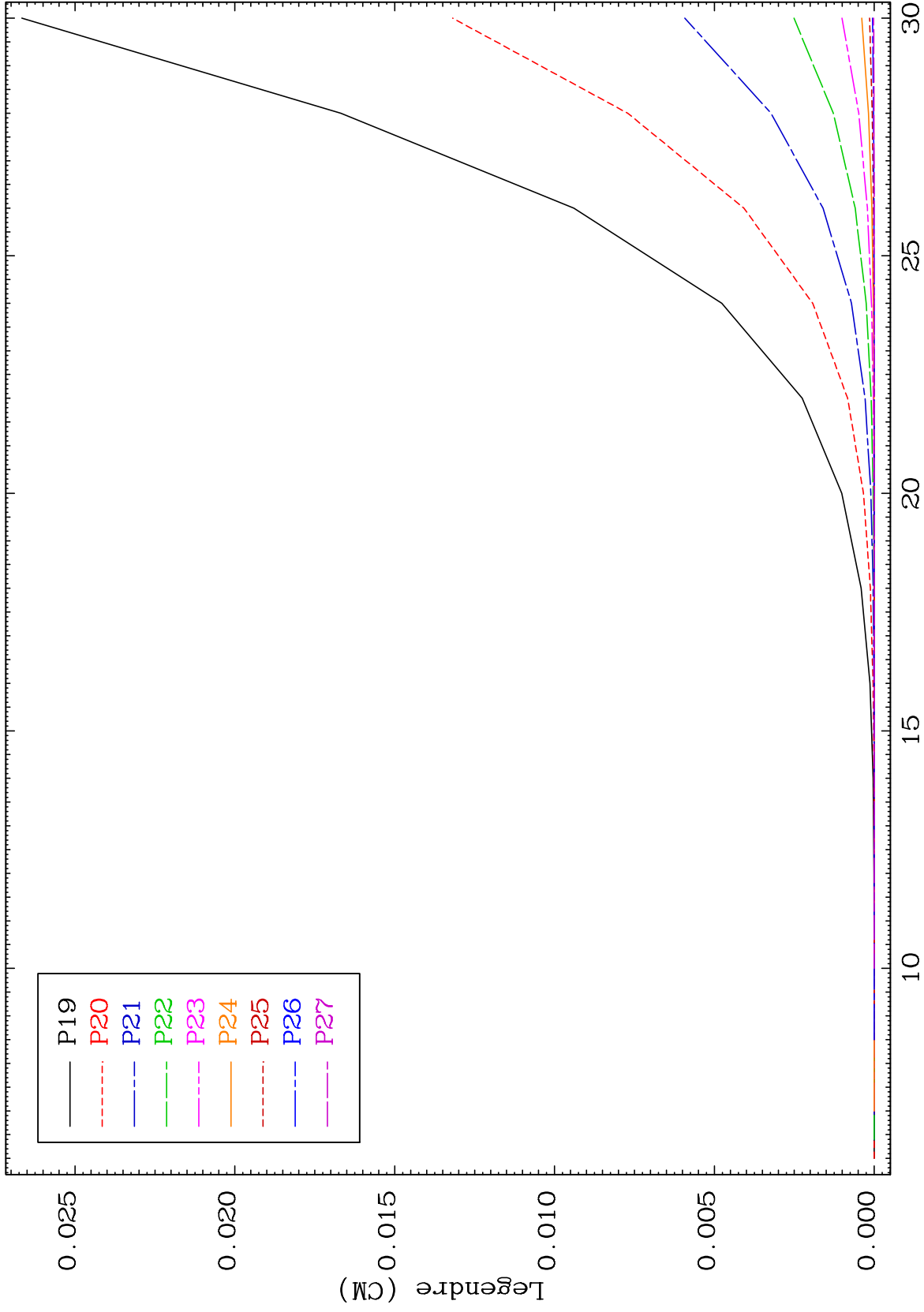
Incident Energy (MeV)

74-W -179

MAT 7422

Elastic Legendre Coefficients

74-W -179



17

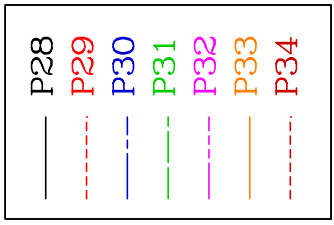
Incident Energy (MeV)

74-W -179

MAT 7422

Elastic Legendre Coefficients

74-W -179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

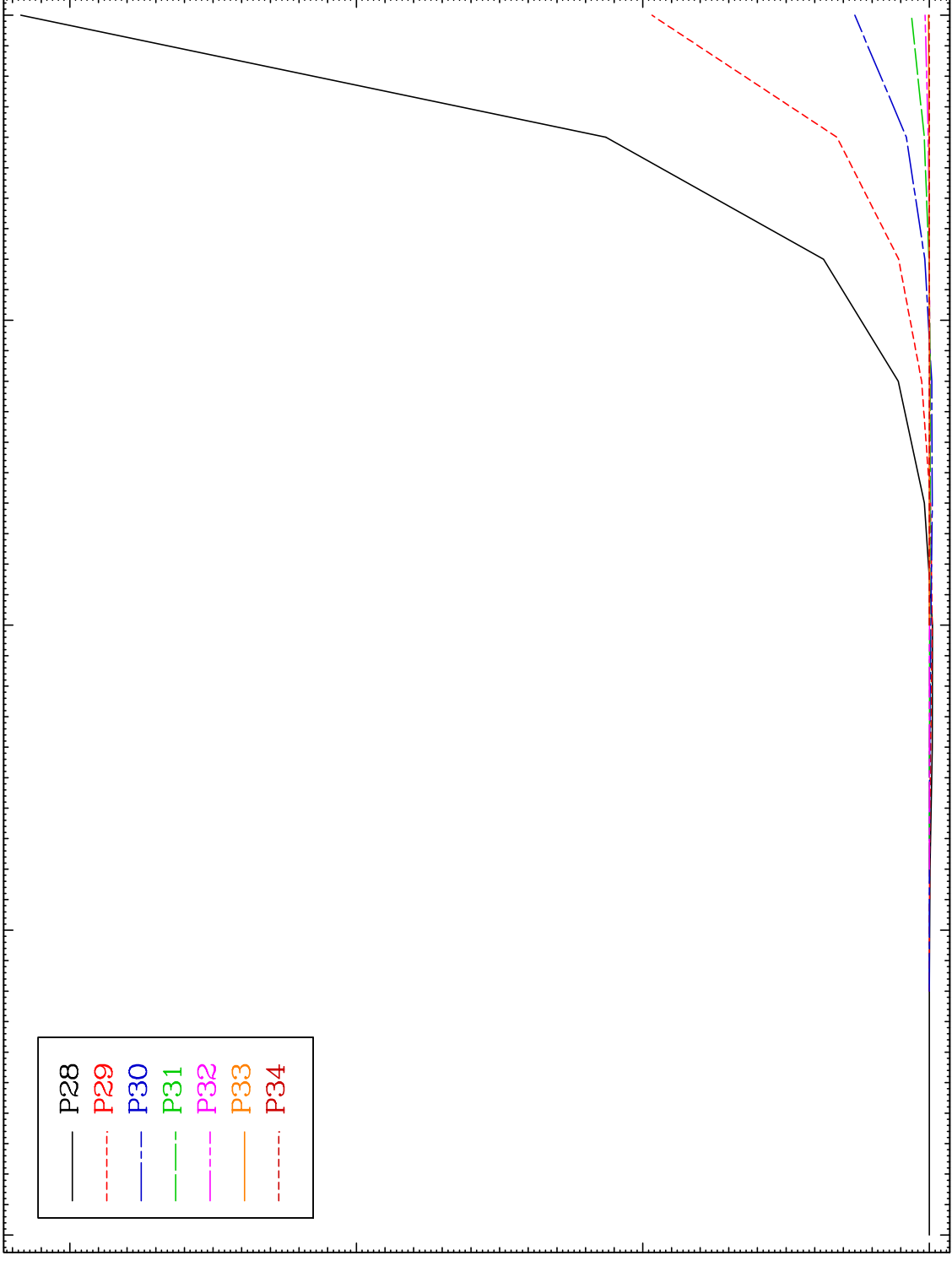
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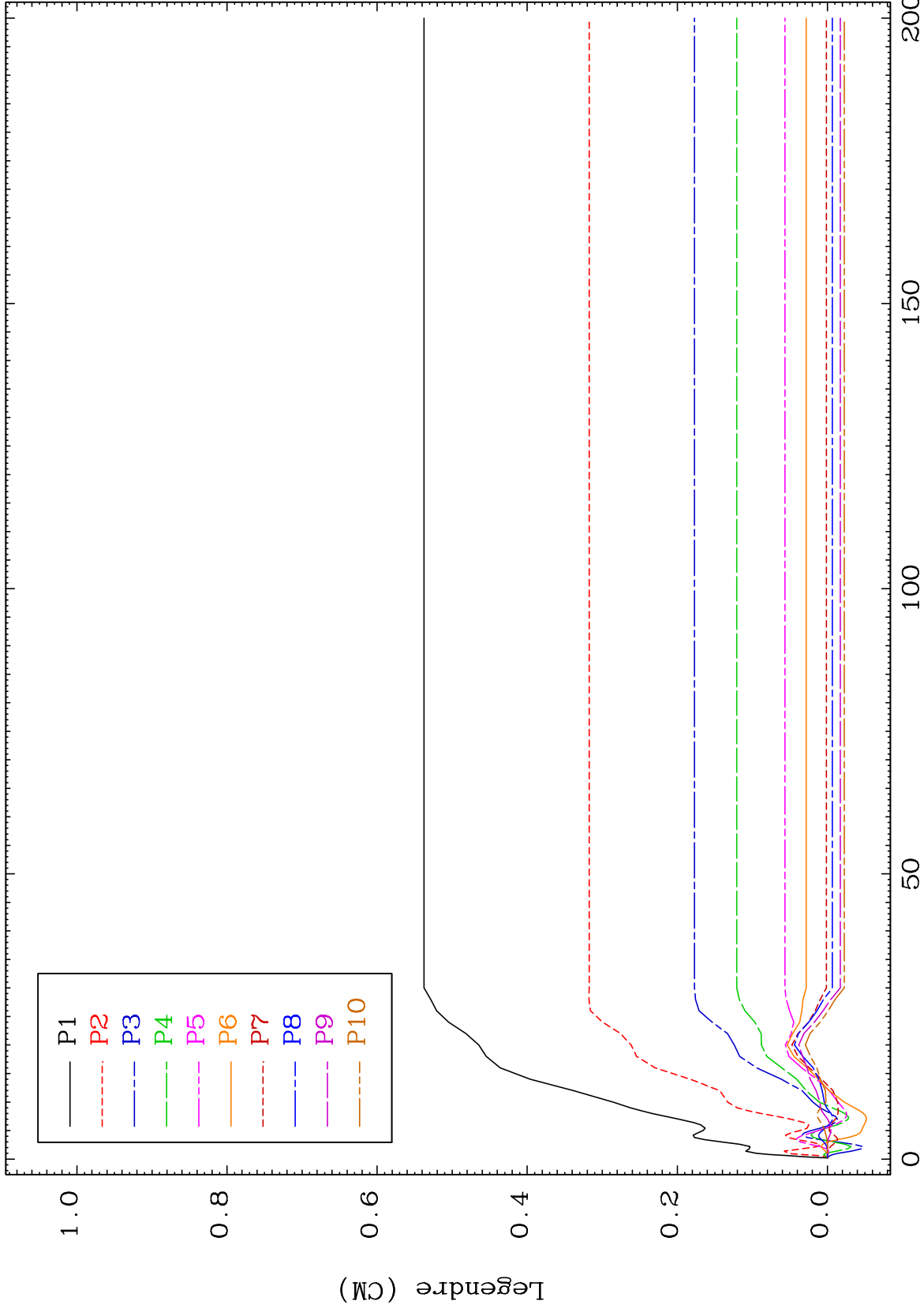
30

18

Incident Energy (MeV)

74-W -179

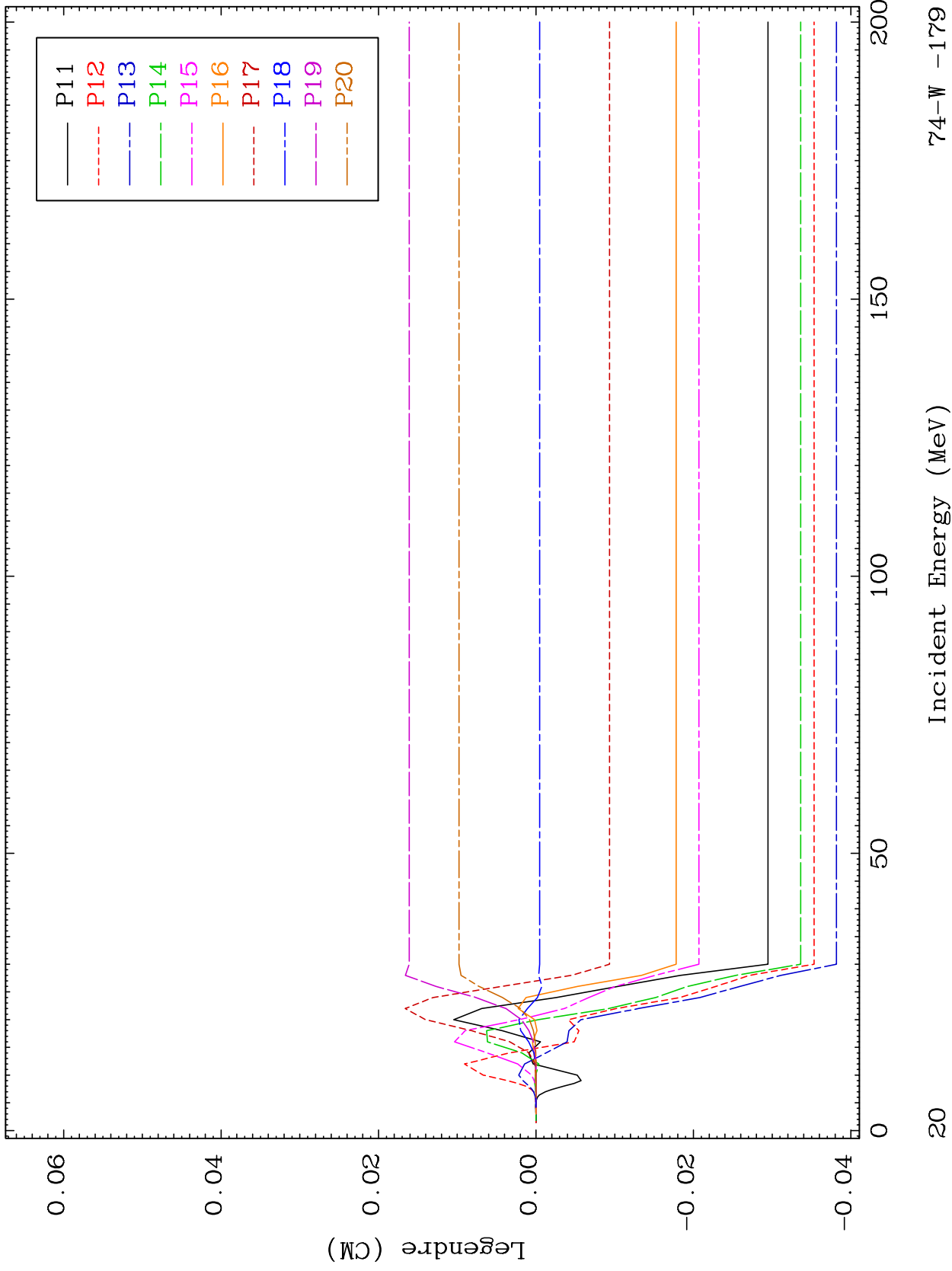




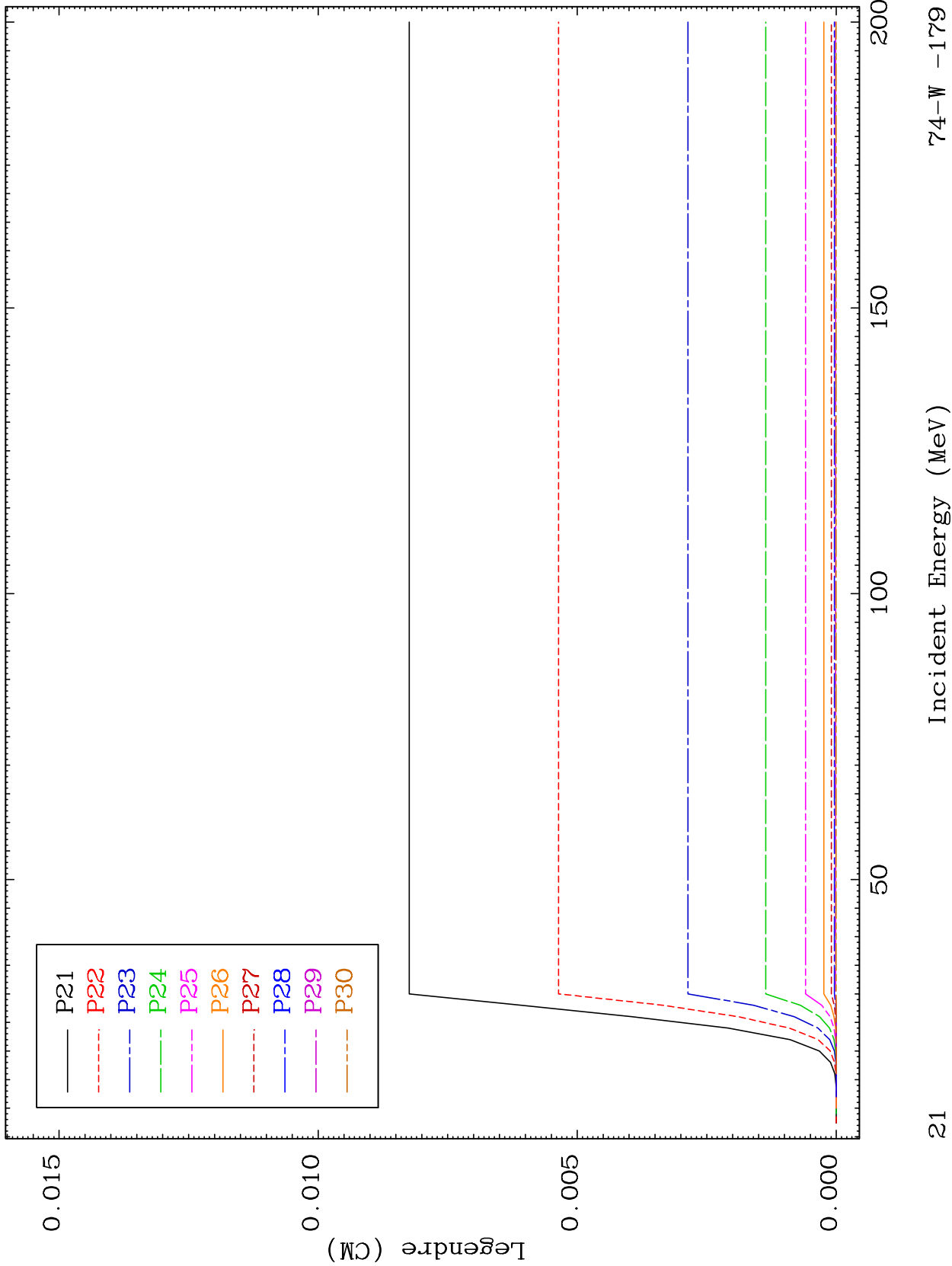
MAT 7422

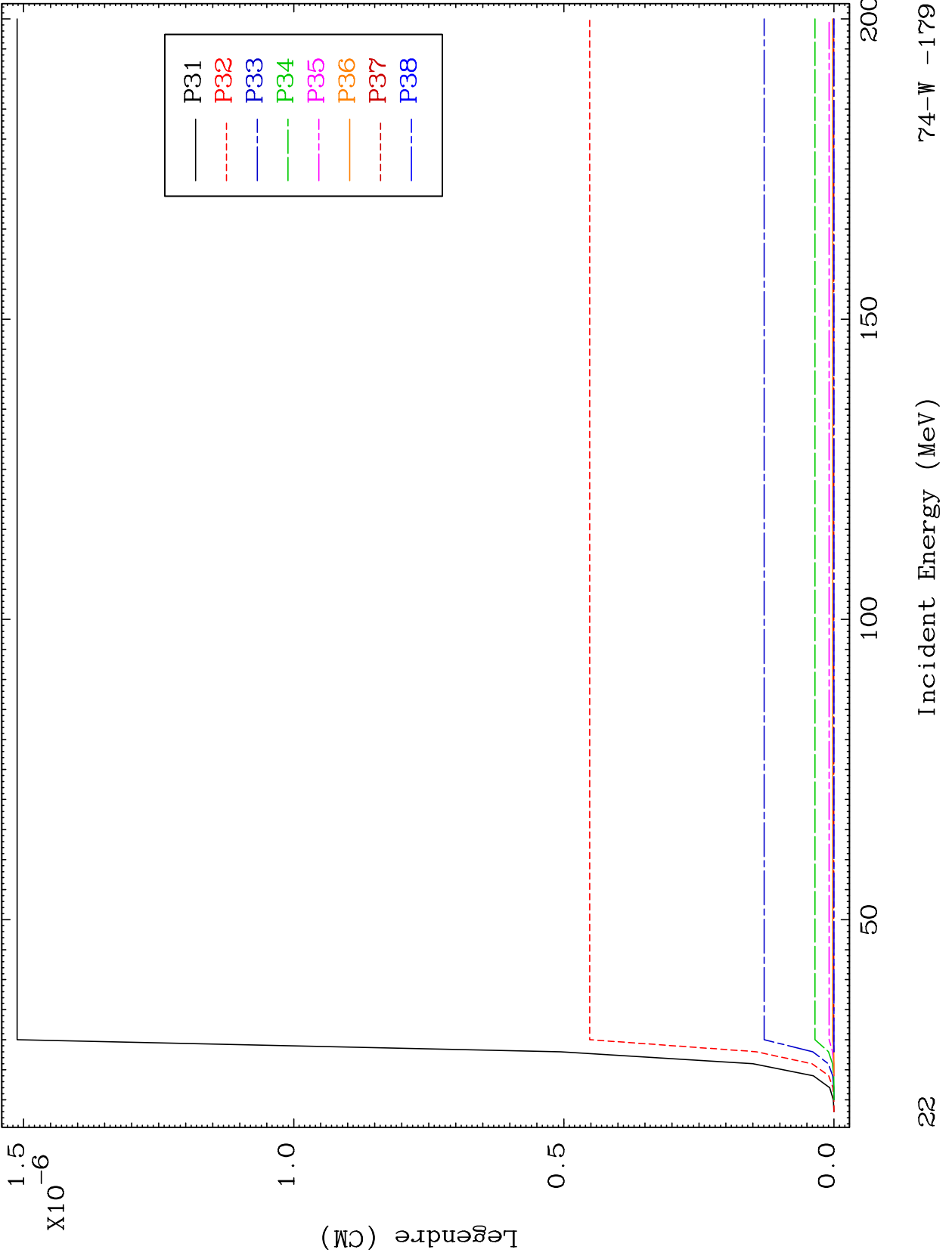
MT= 51 (n,n') Level  
Legendre Coefficients

74-W -179



74-W -179

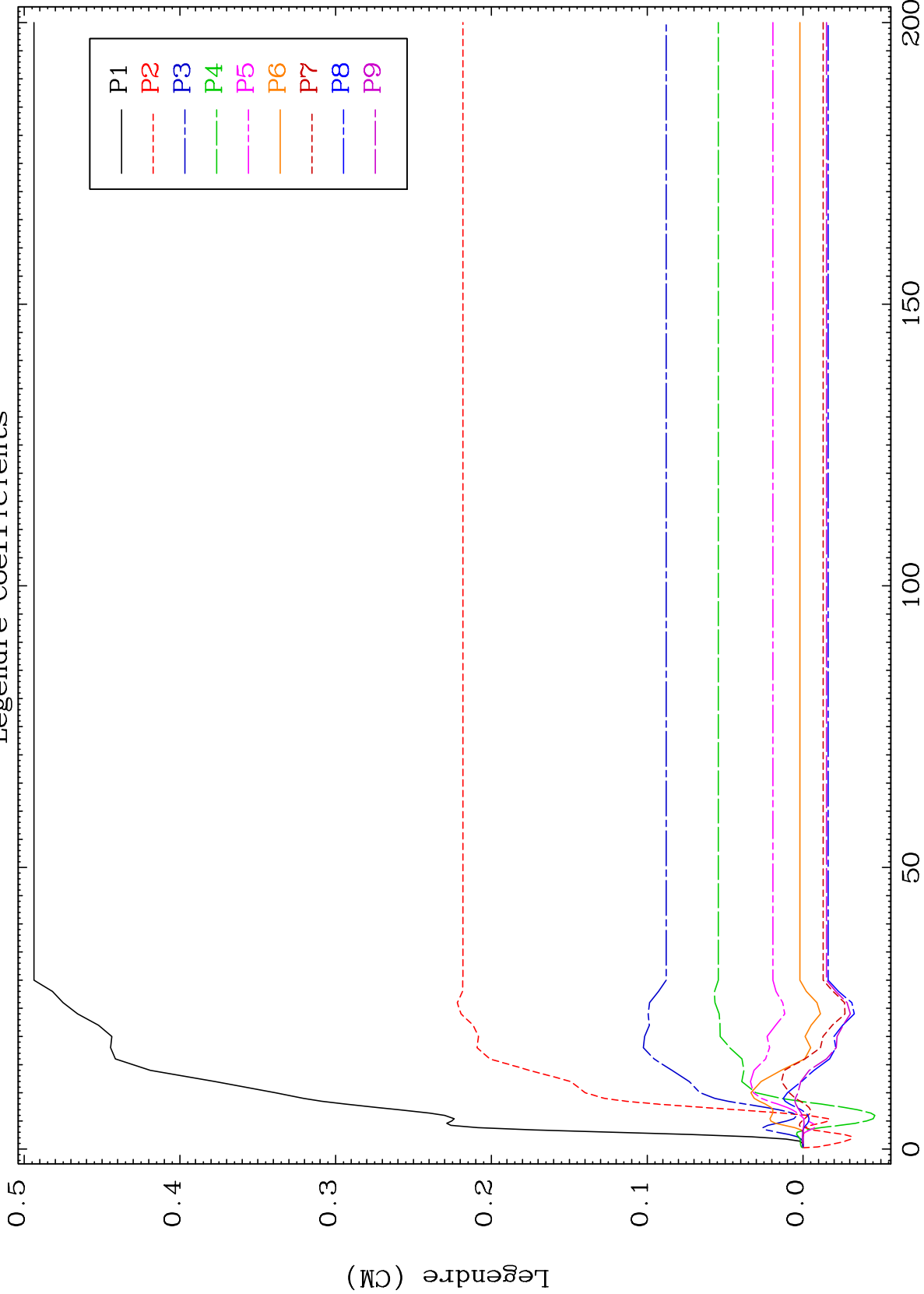




MAT 7422

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

74-W -179



23

Incident Energy (MeV)

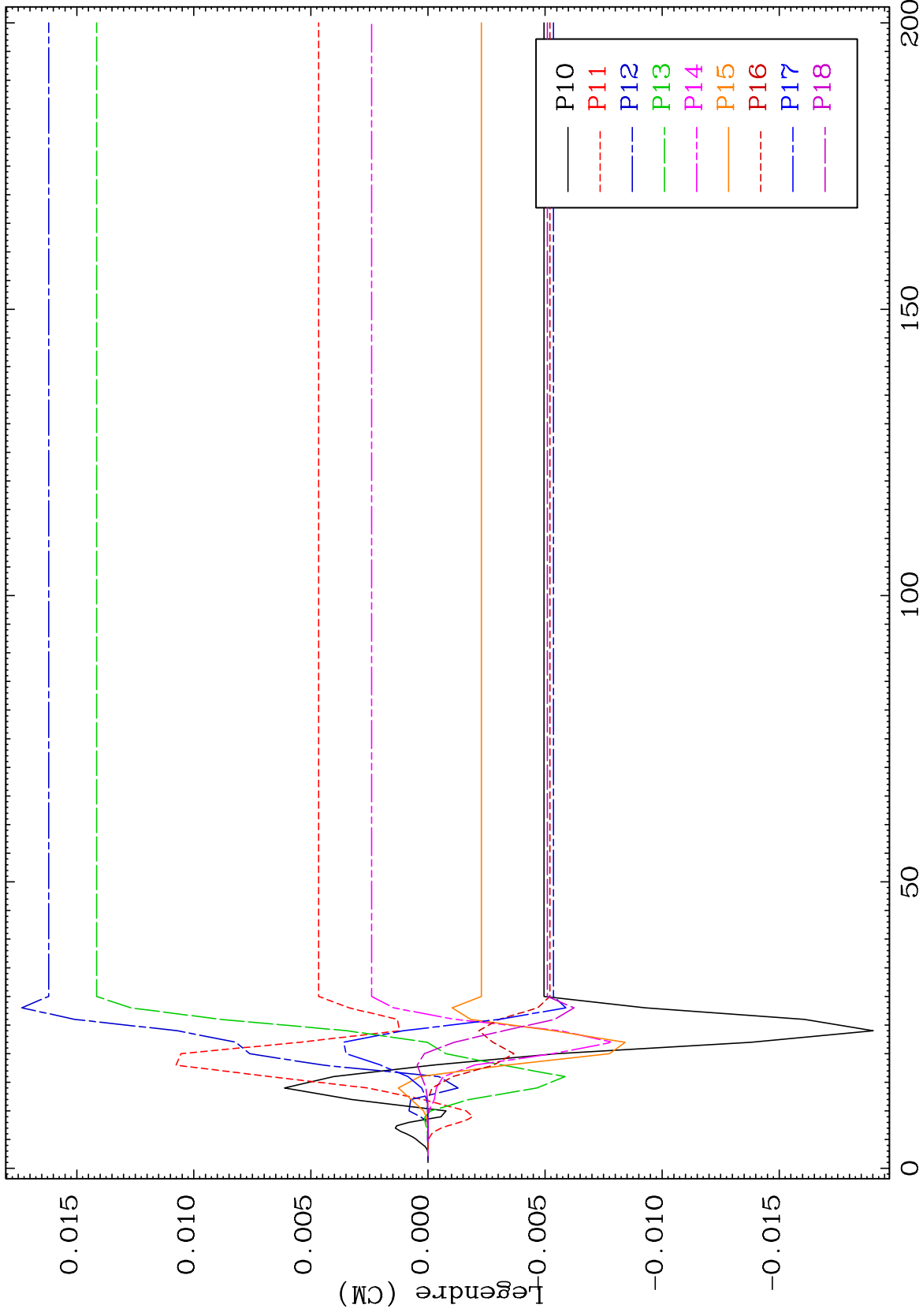
74-W -179



MAT 7422

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

74-W -179



24

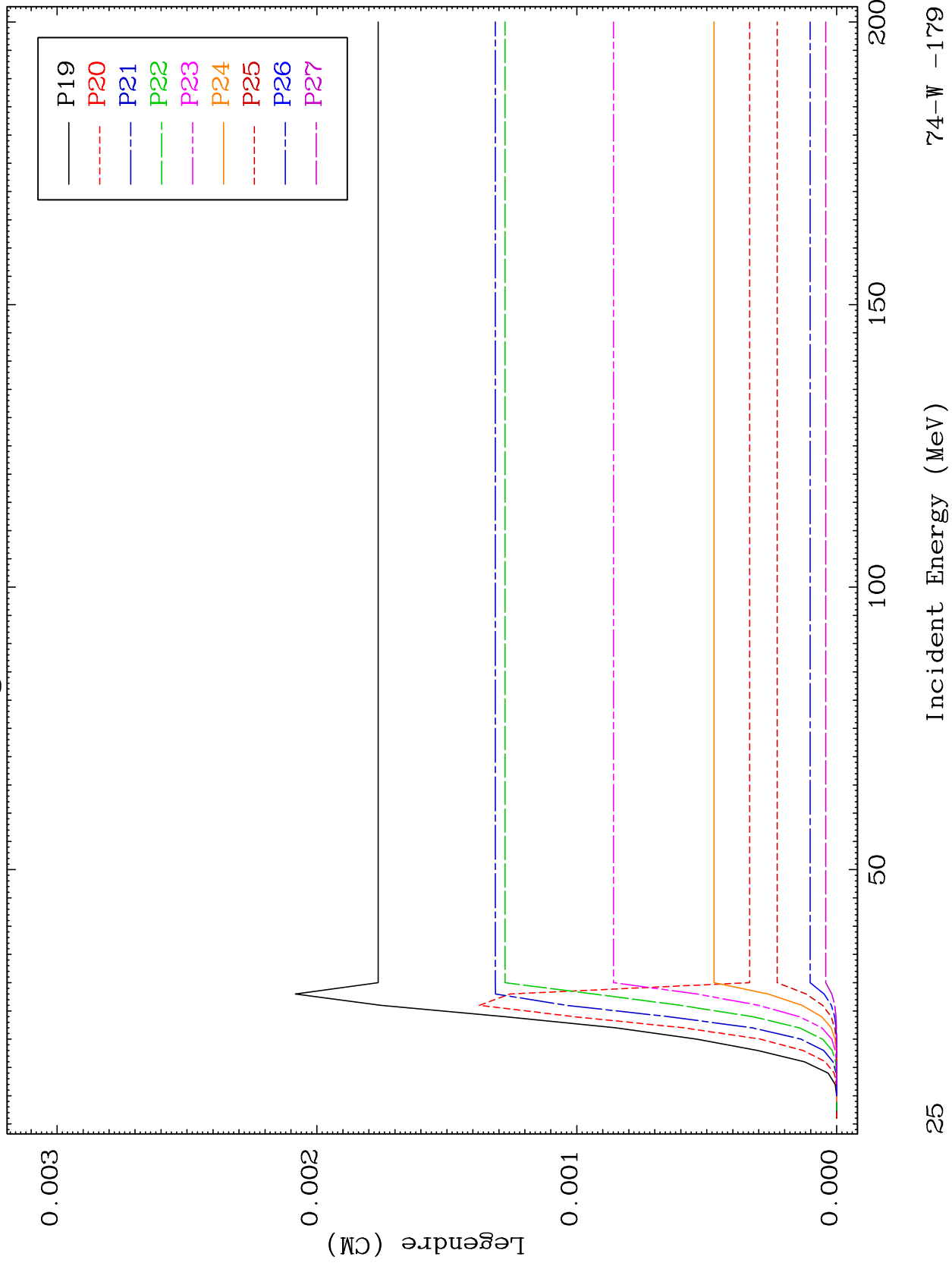
Incident Energy (MeV)

74-W -179

MAT 7422

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

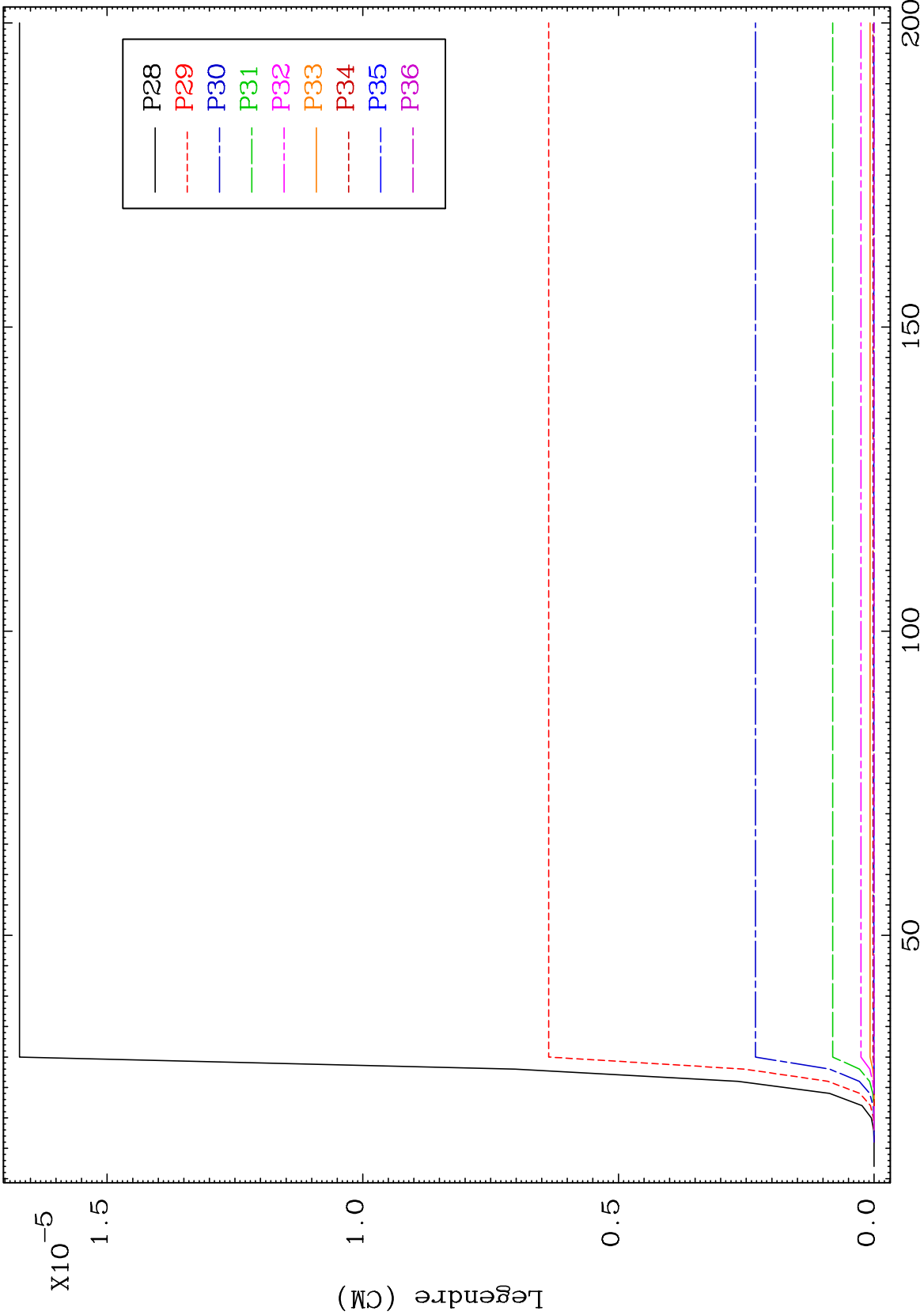
74-W -179

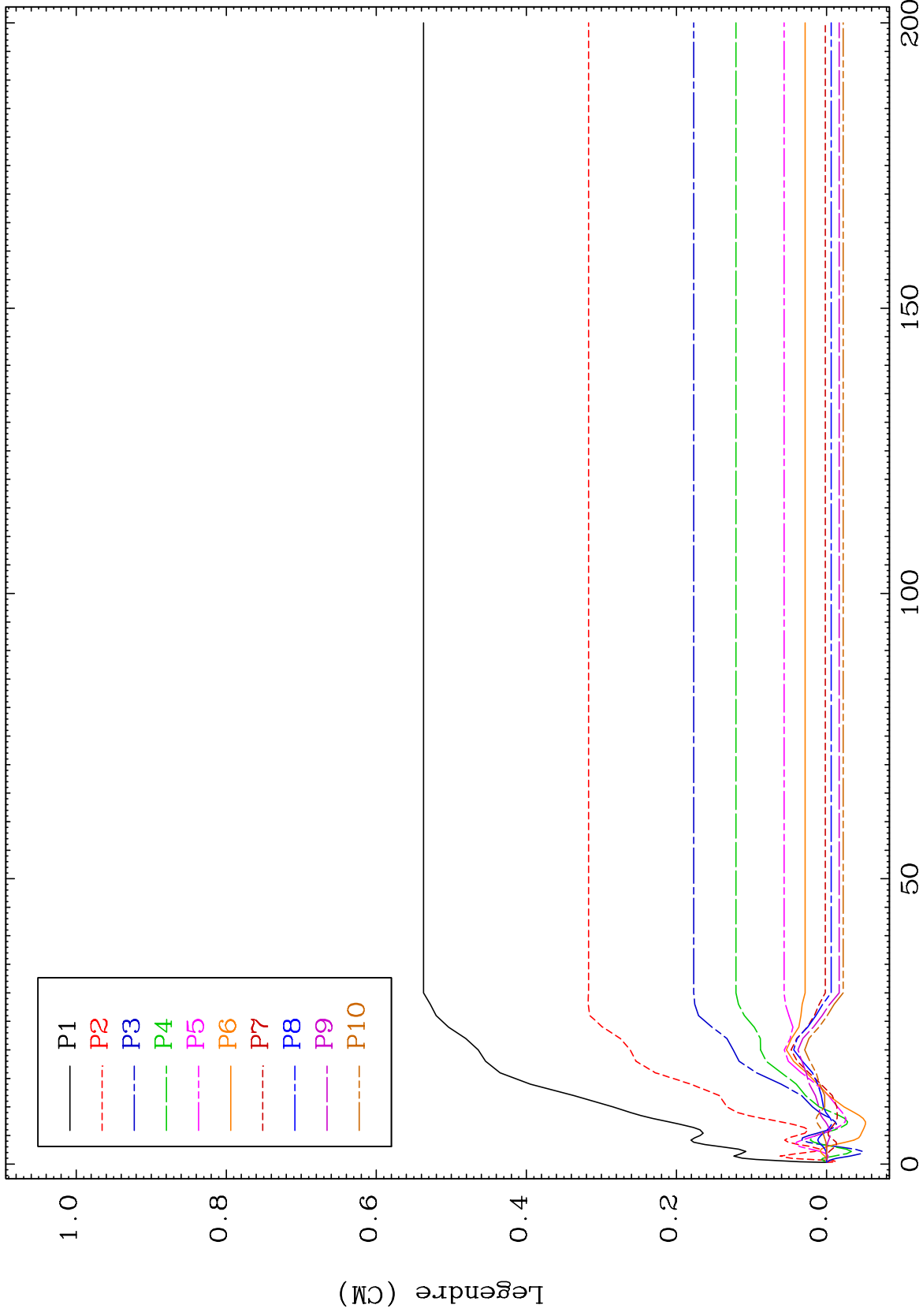


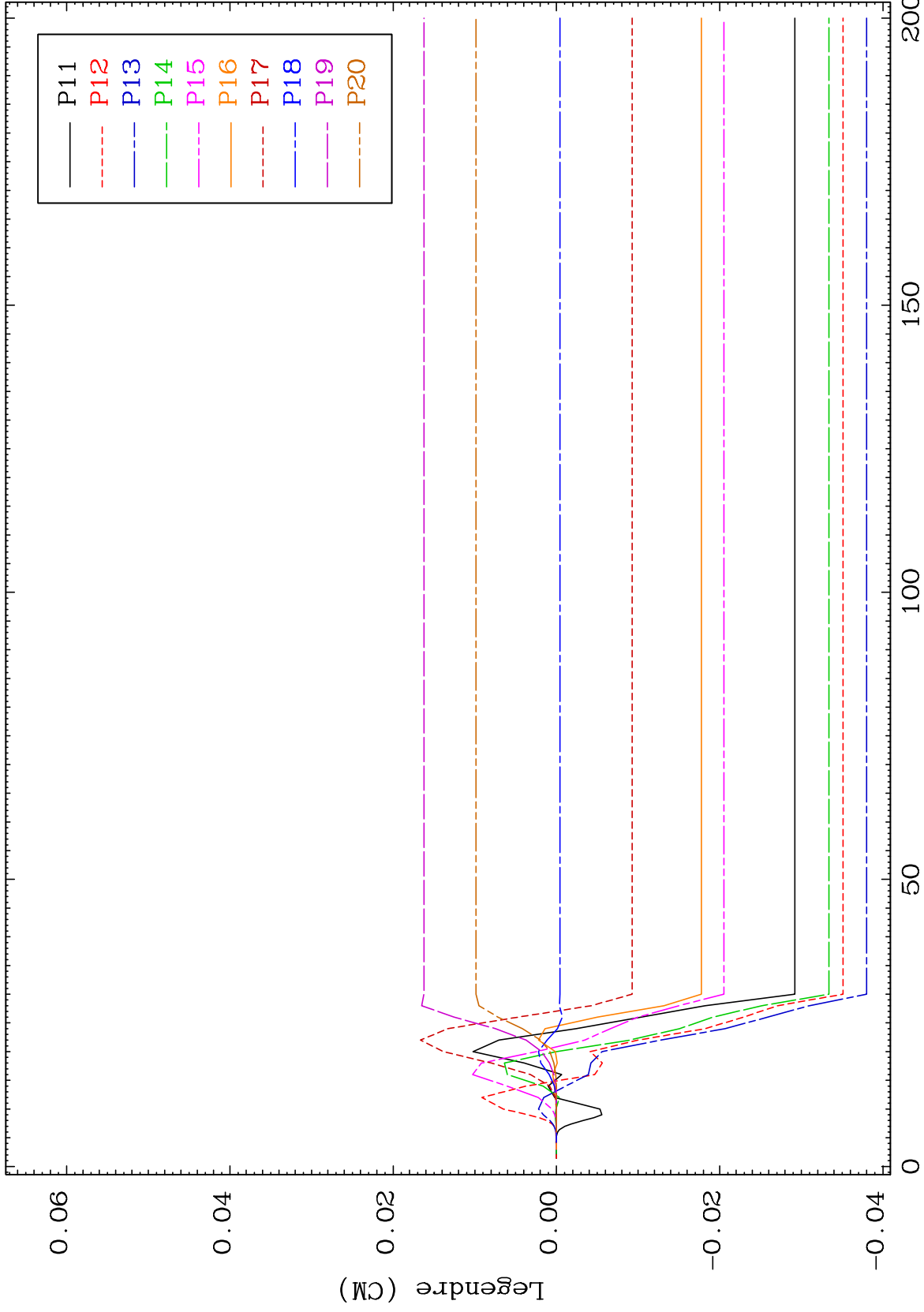
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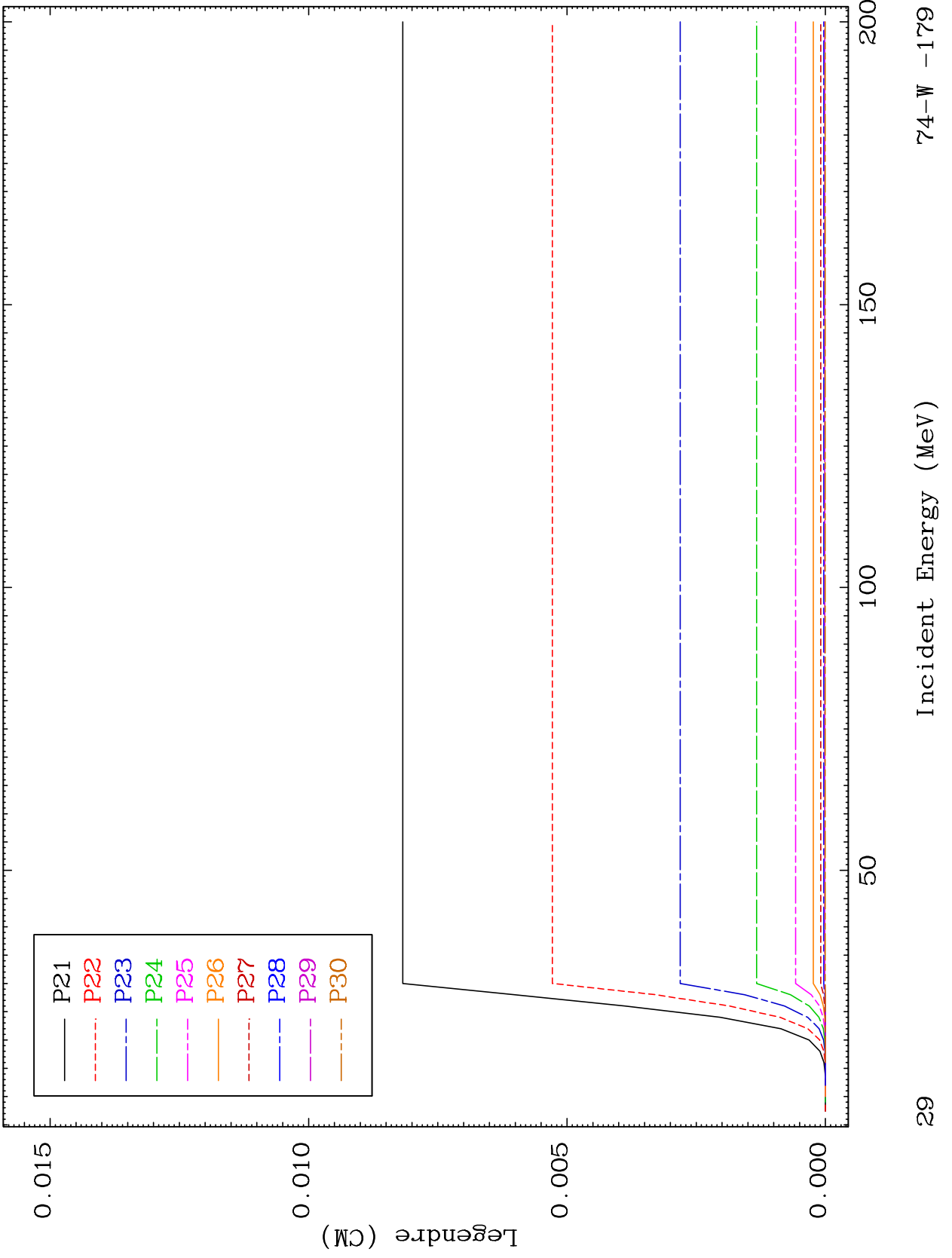
Incident Energy (MeV)

74-W -179





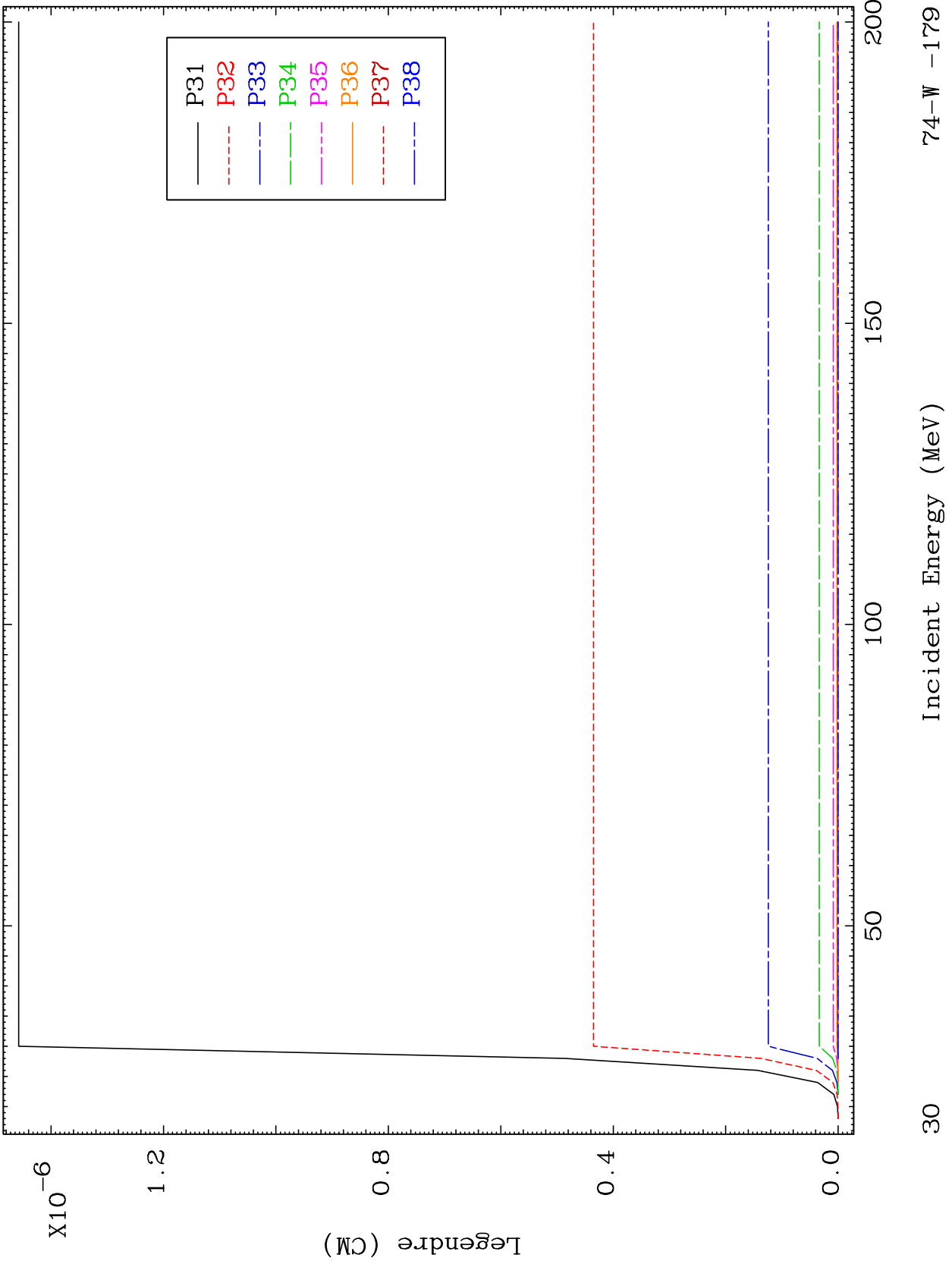




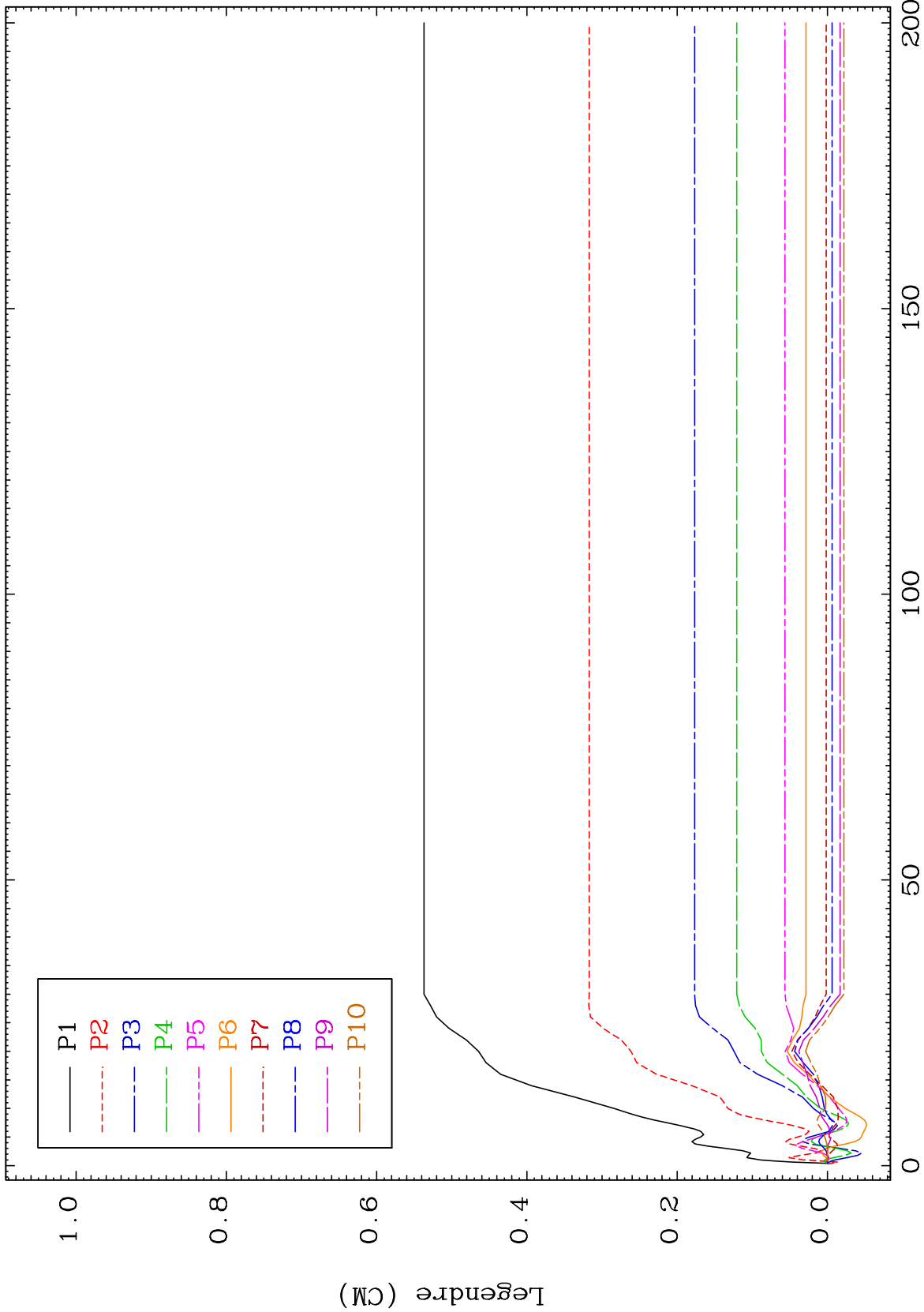
MAT 7422

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

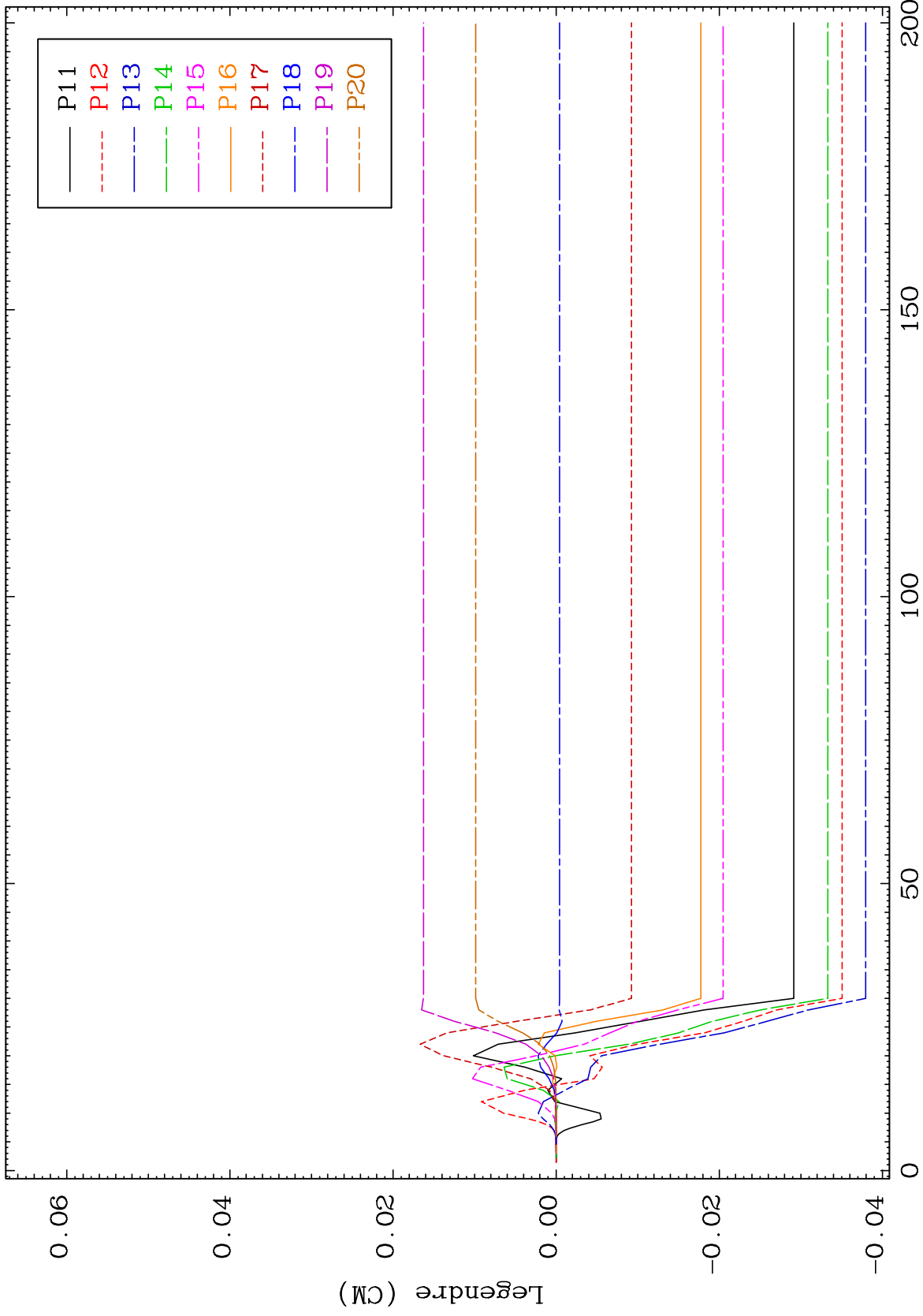
74-W -179

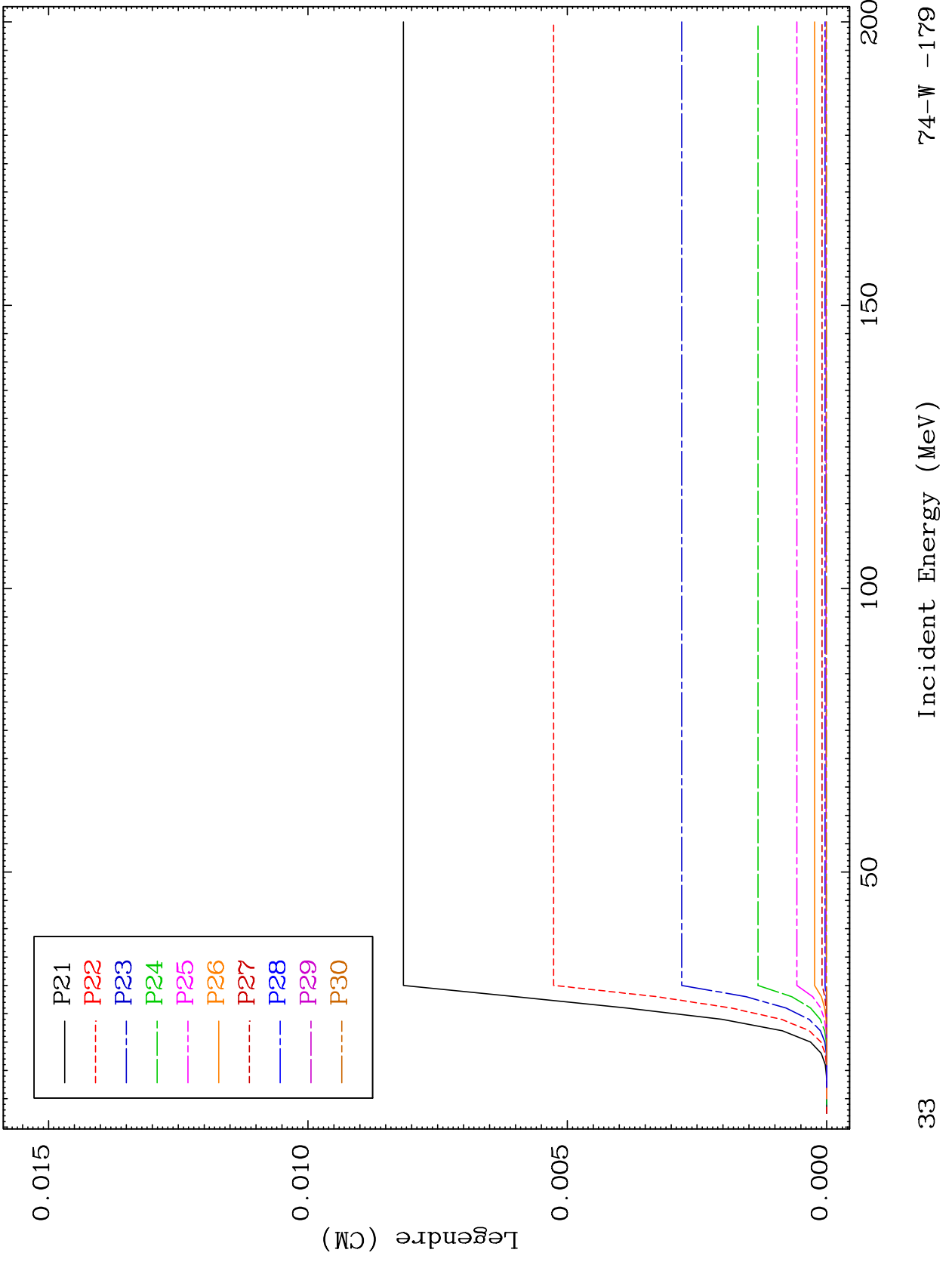


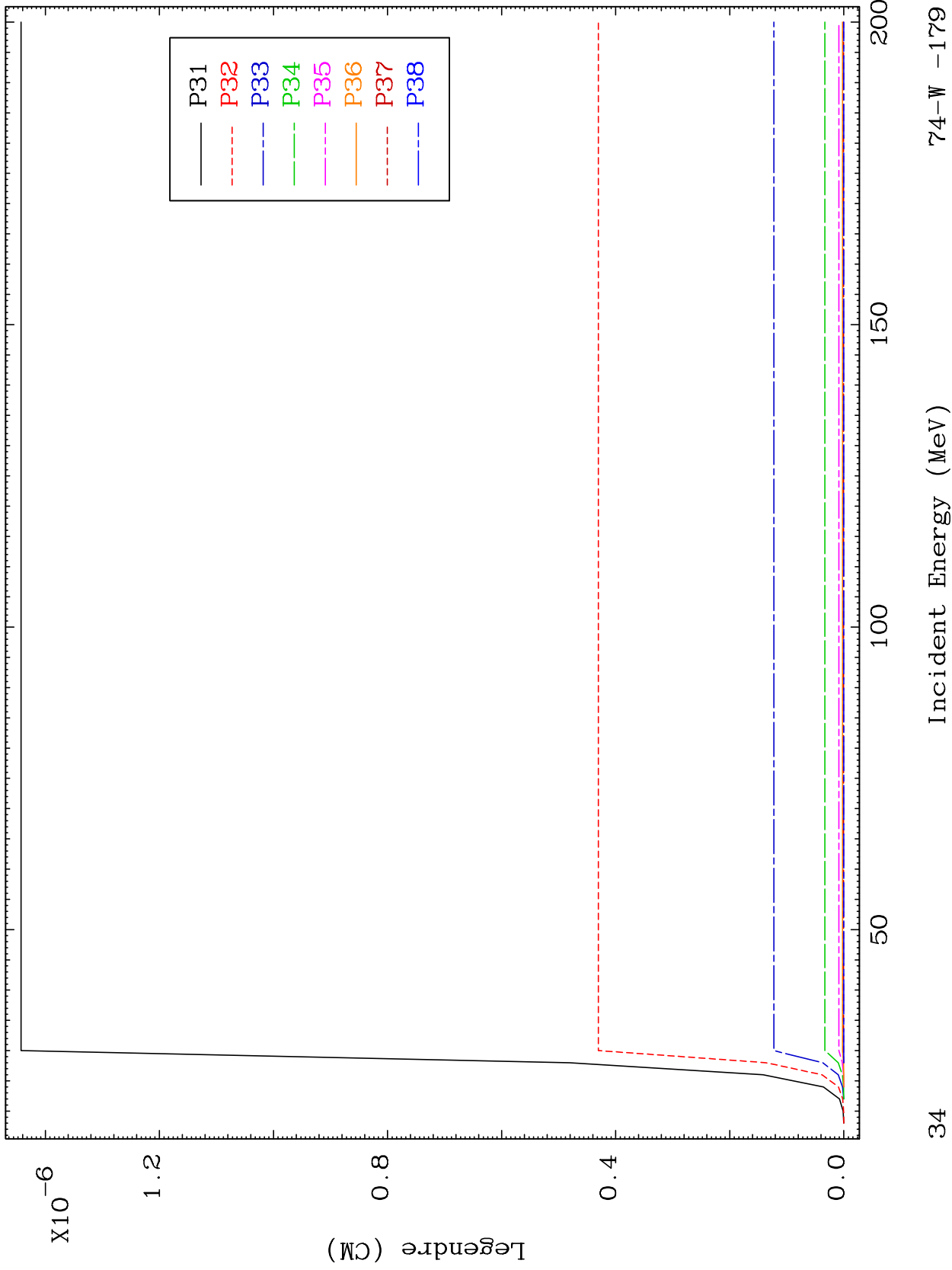
74-W -179









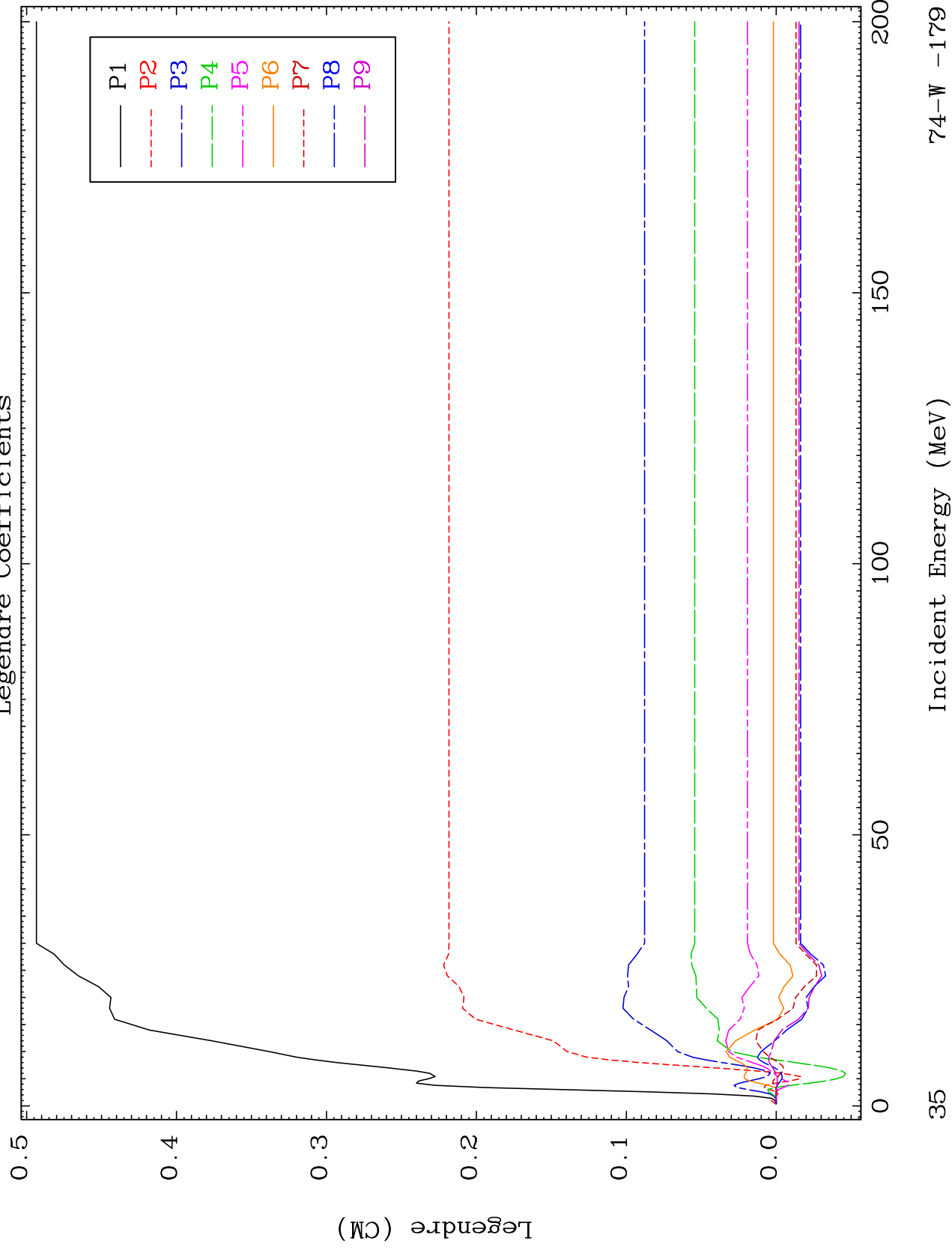


MAT 7422

MT= 55 (n,n') Level

74-W -179

Legendre Coefficients



74-W -179

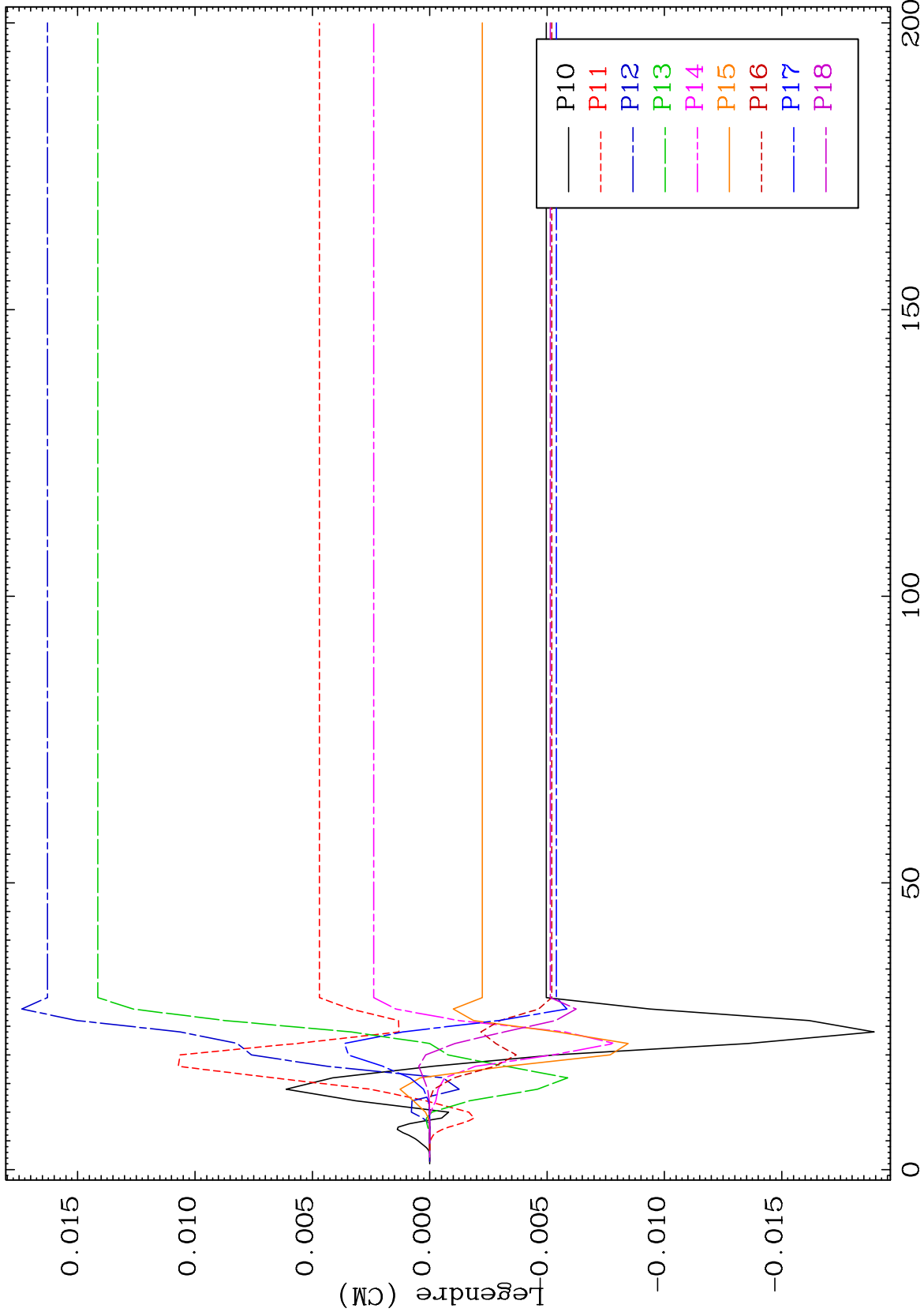
Incident Energy (MeV)

35

MAT 7422

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

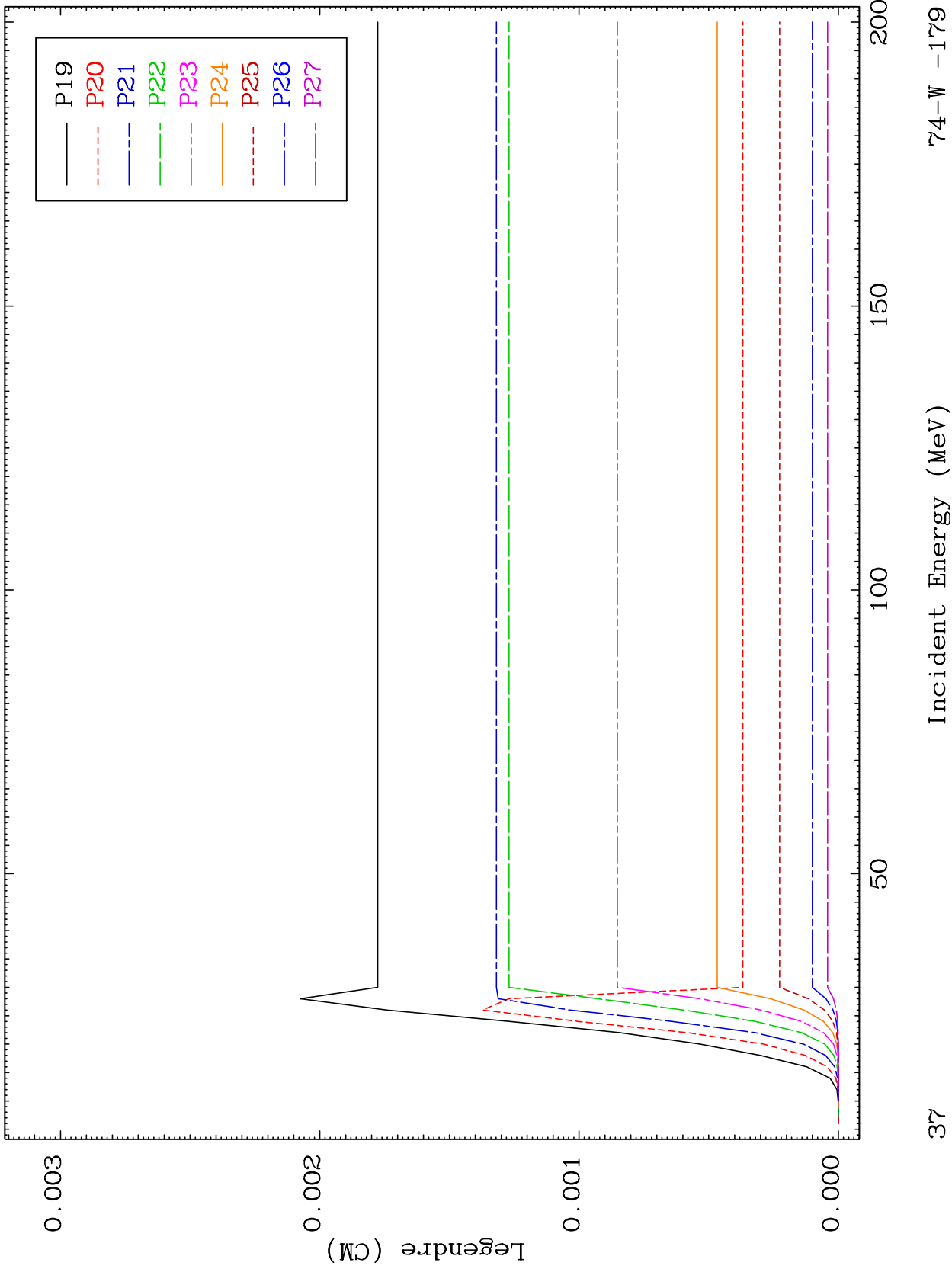
74-W -179

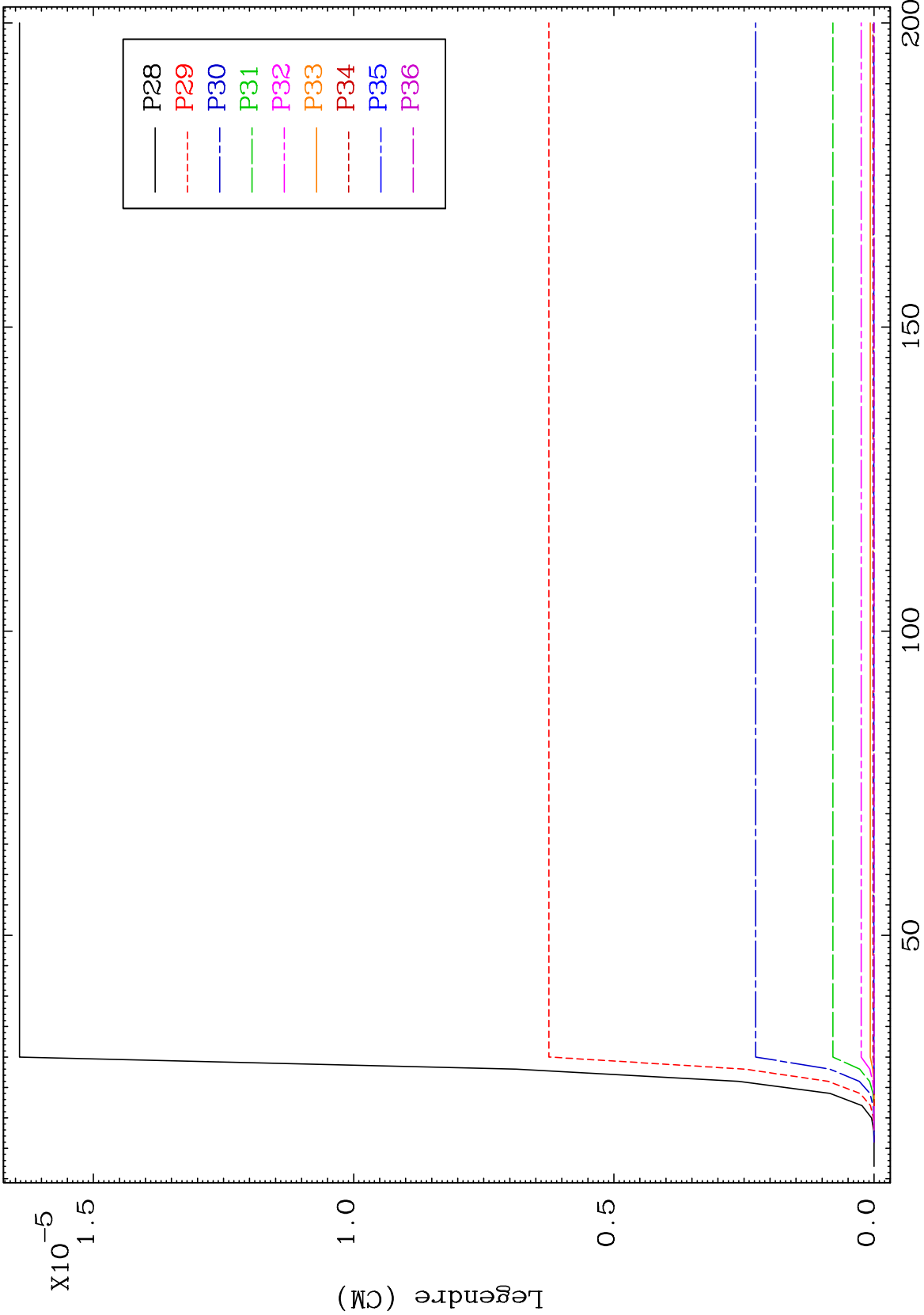


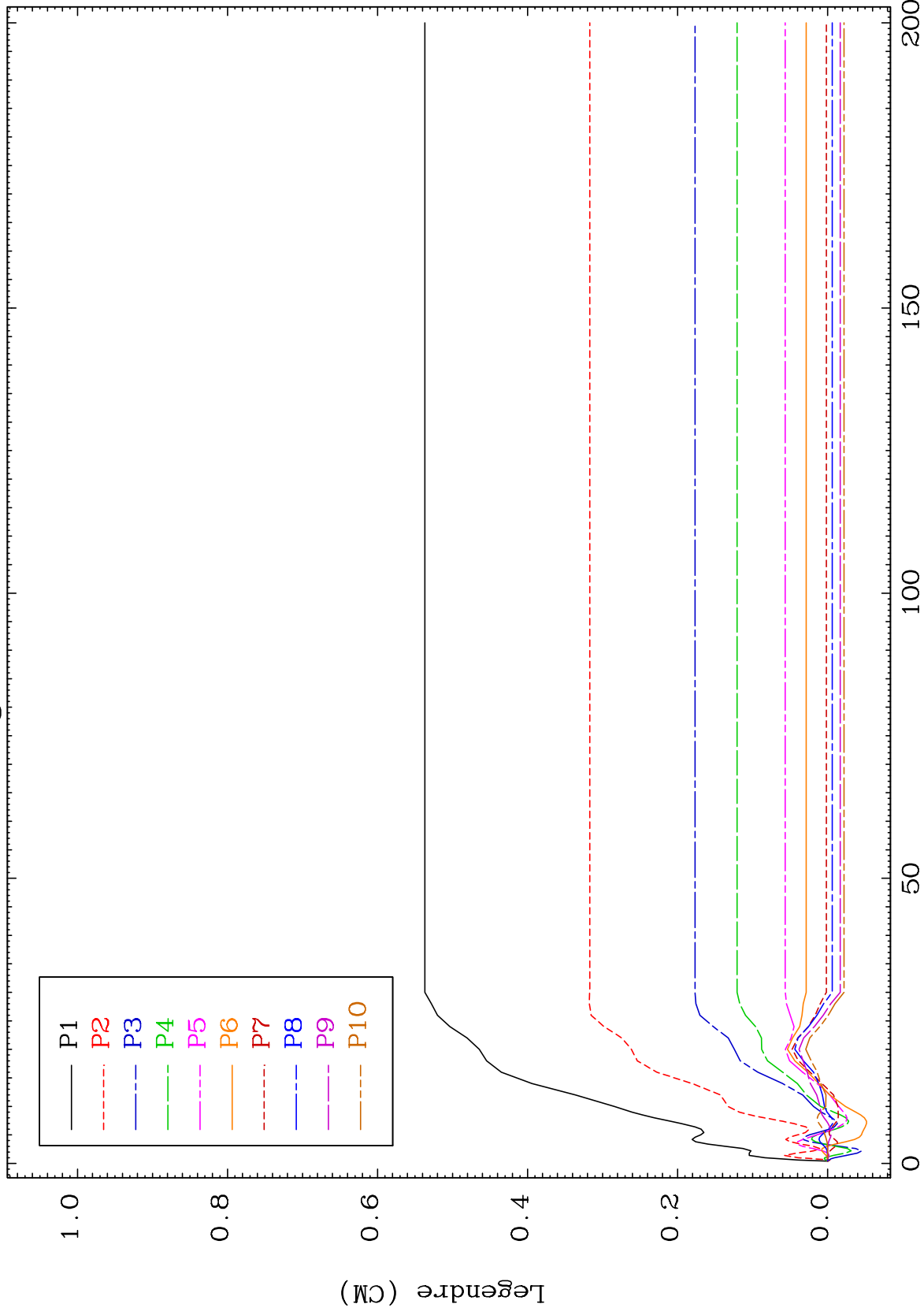
36

Incident Energy (MeV)

74-W -179





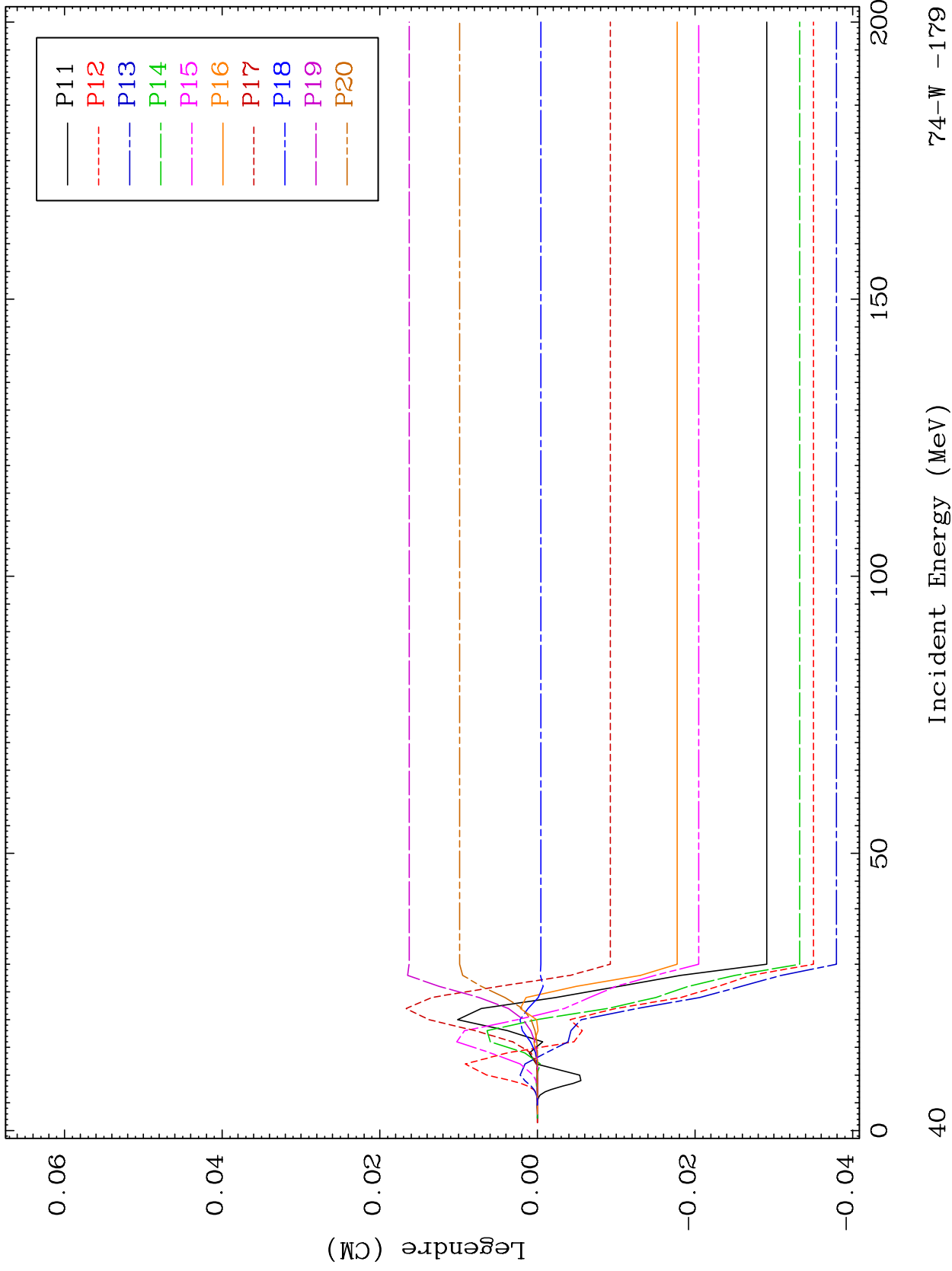




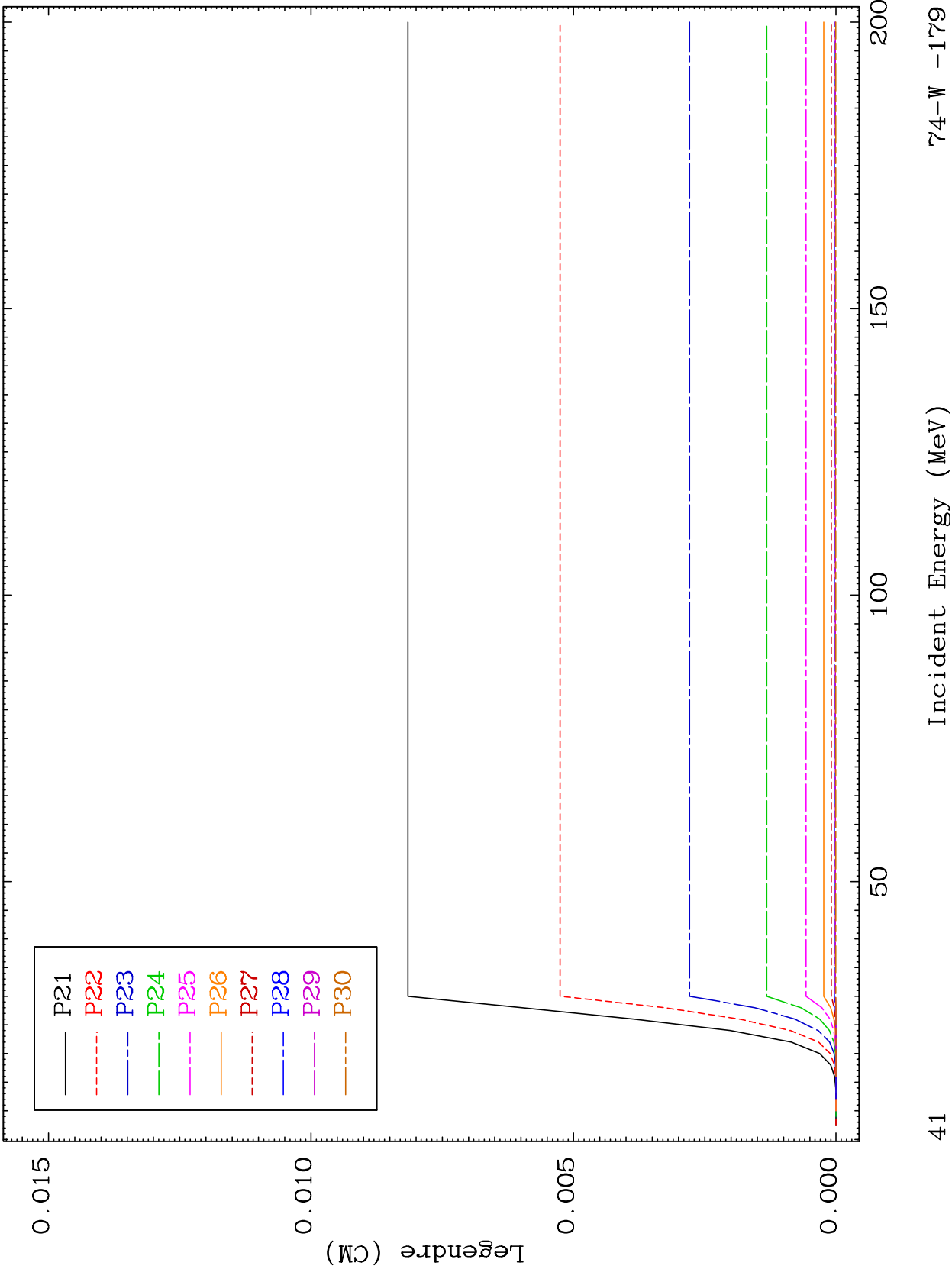
MAT 7422

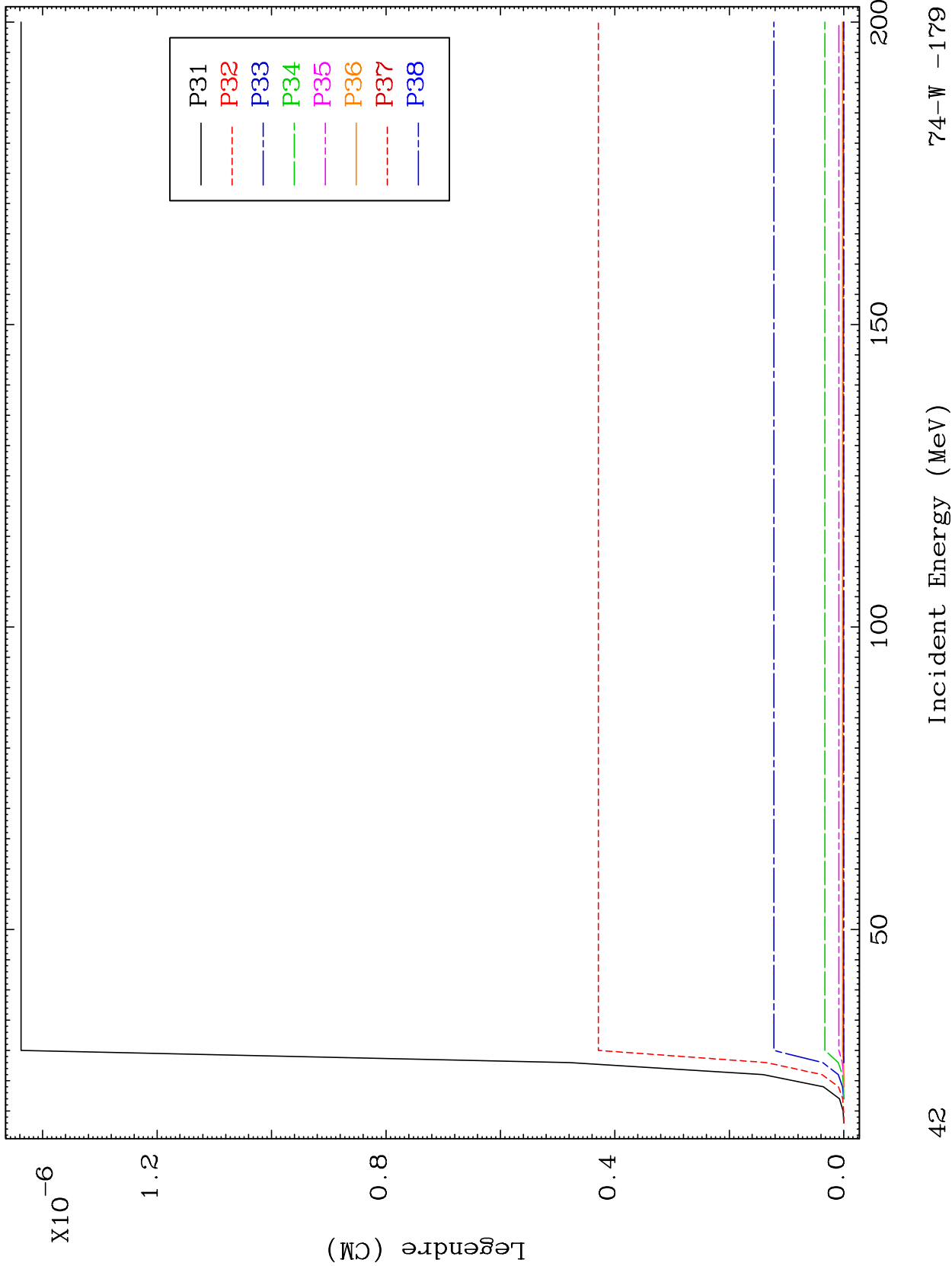
MT= 56 (n,n') Level  
Legendre Coefficients

74-W -179



74-W -179

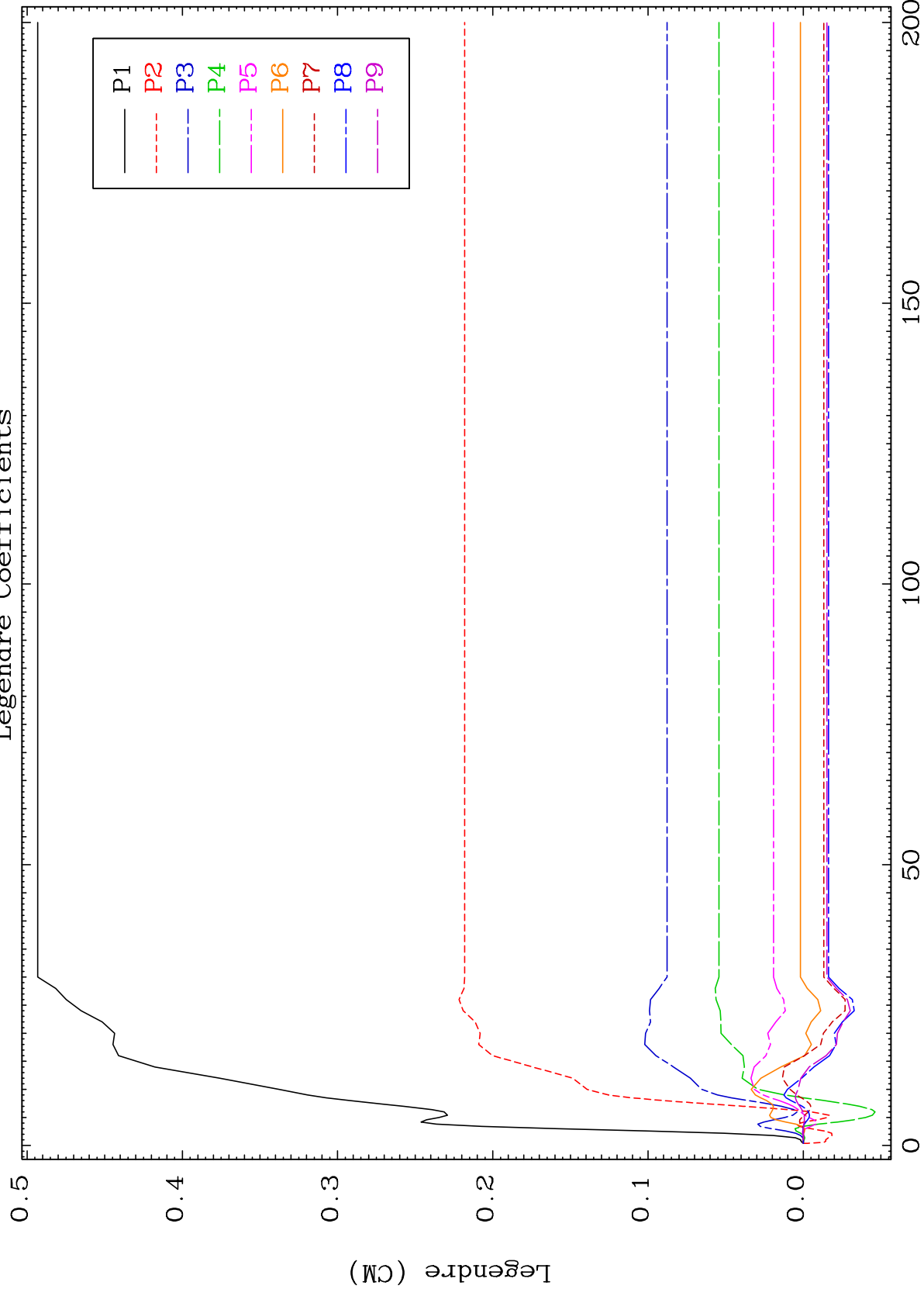




MAT 7422

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

74-W -179



74-W -179

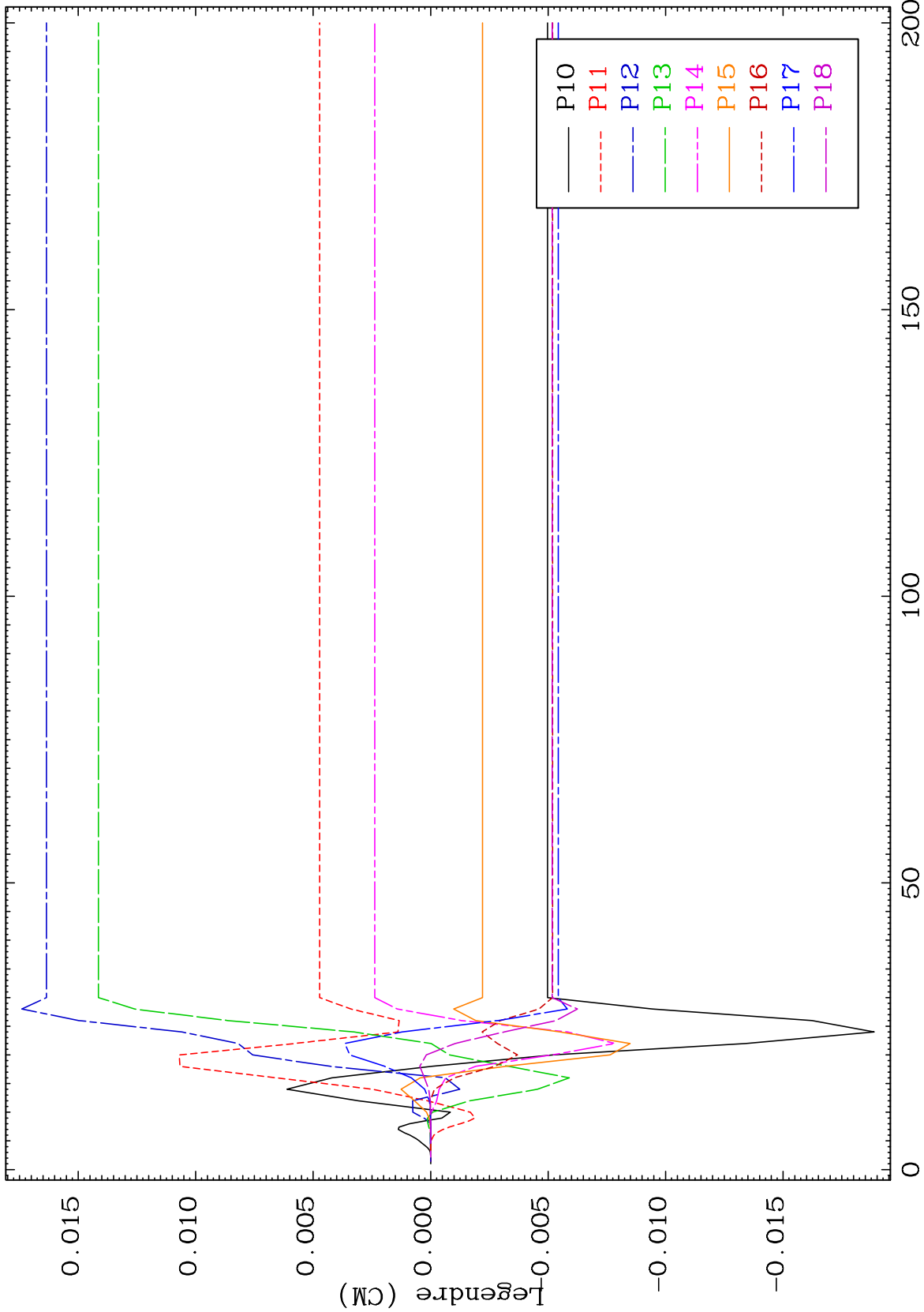
Incident Energy (MeV)

43

MAT 7422

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

74-W -179



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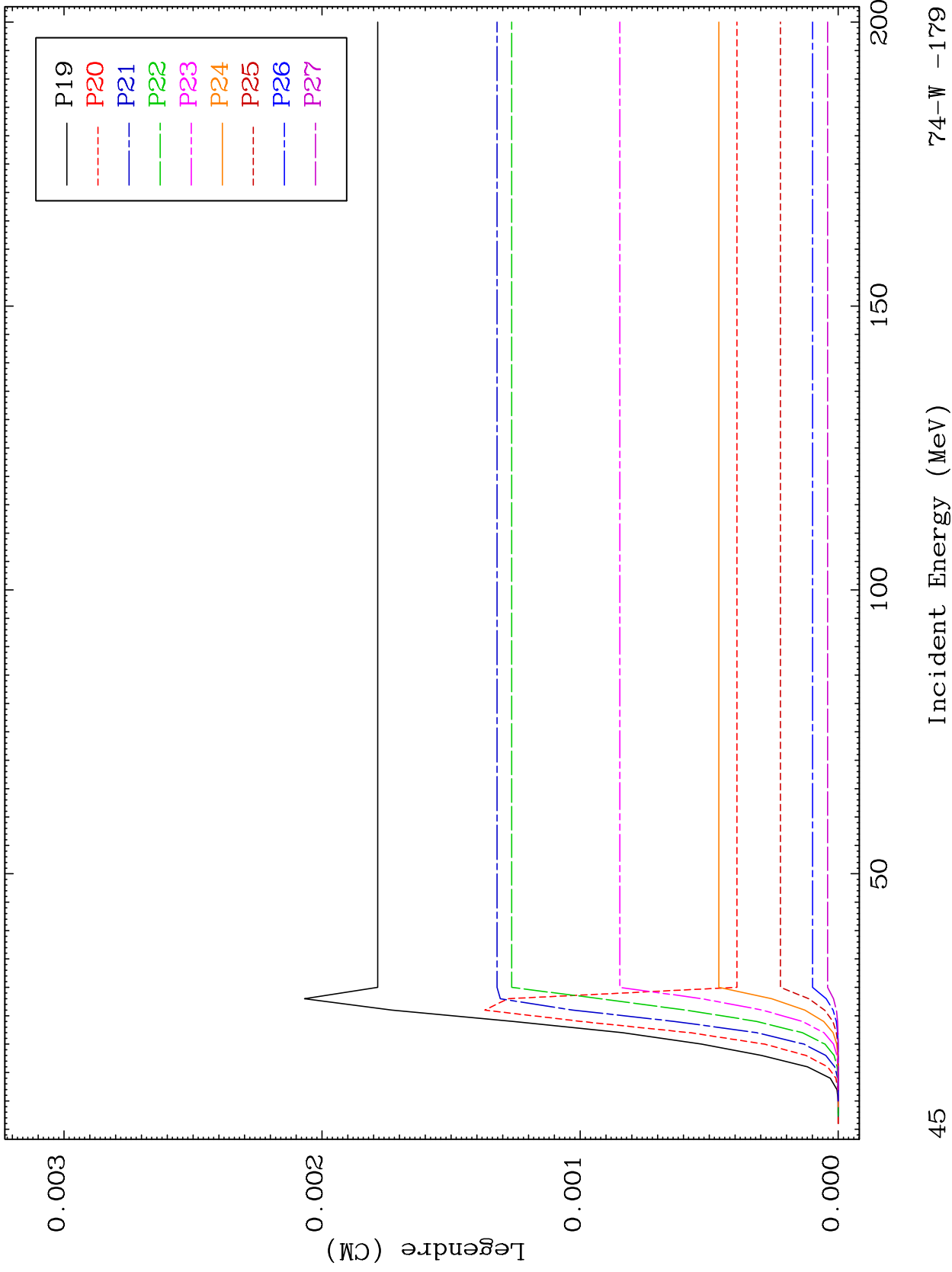
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



74-W -179

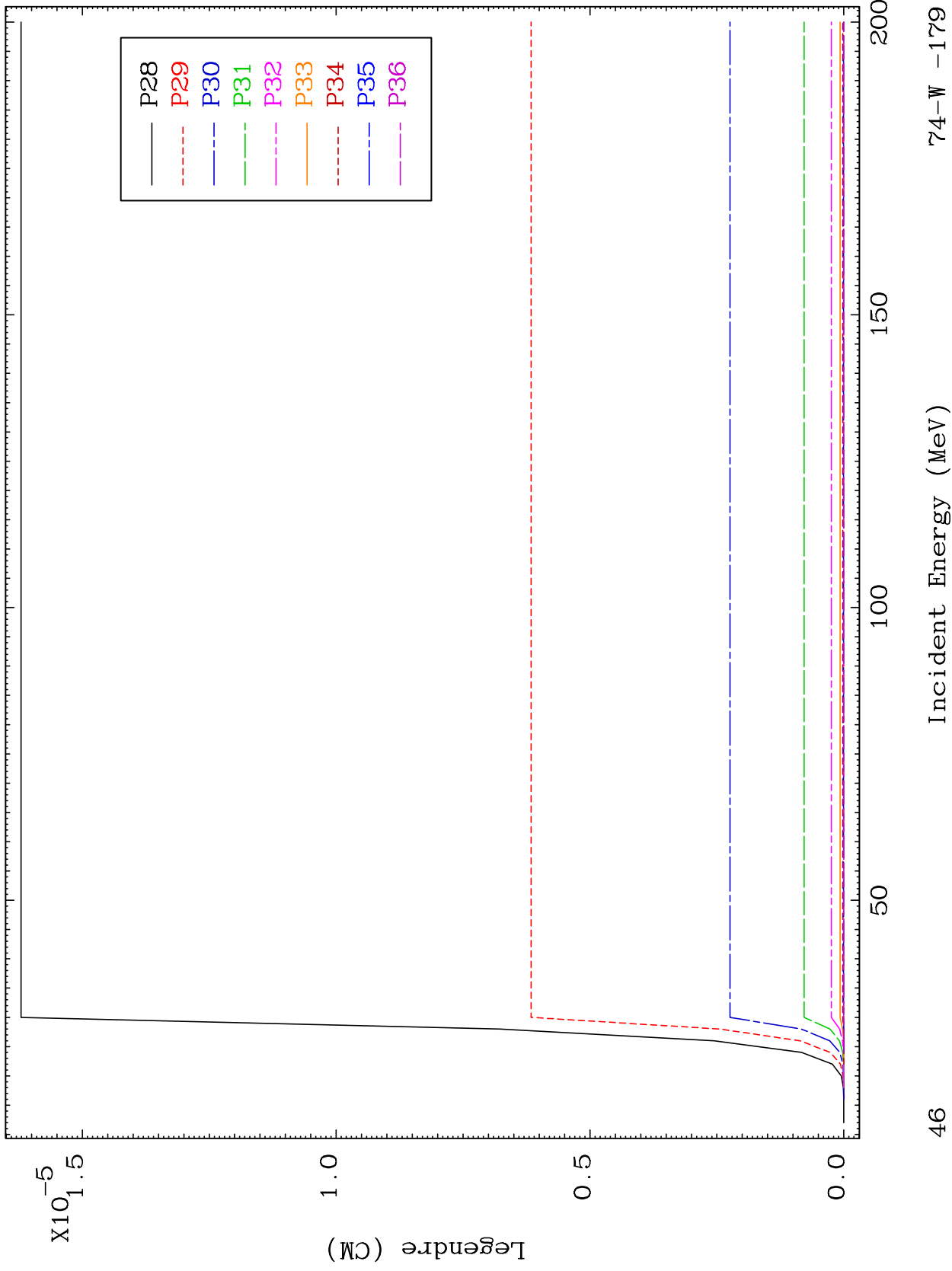
Incident Energy (MeV)

45

MAT 7422

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

74-W -179



46

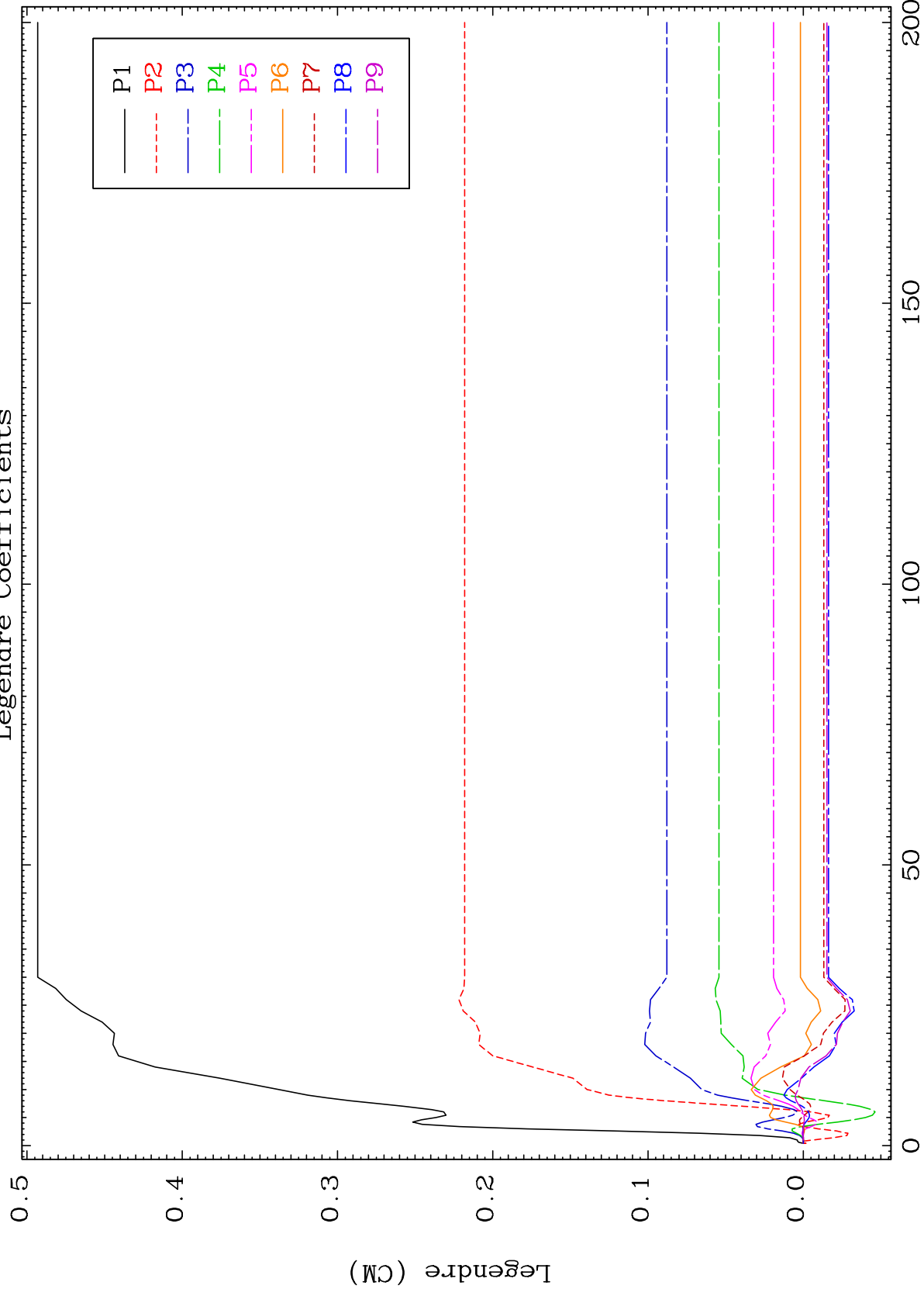
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



47

Incident Energy (MeV)

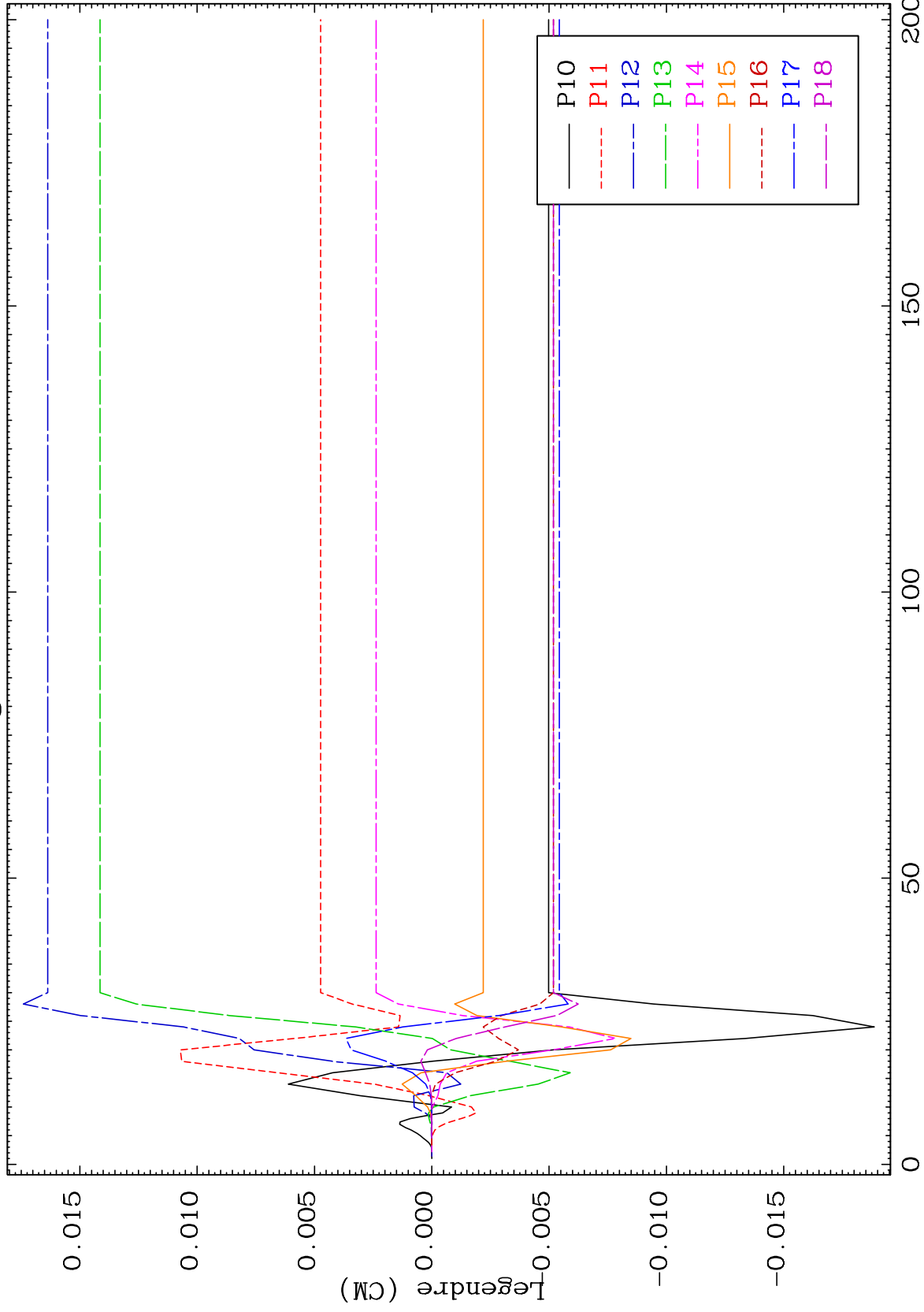
74-W -179



MAT 7422

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

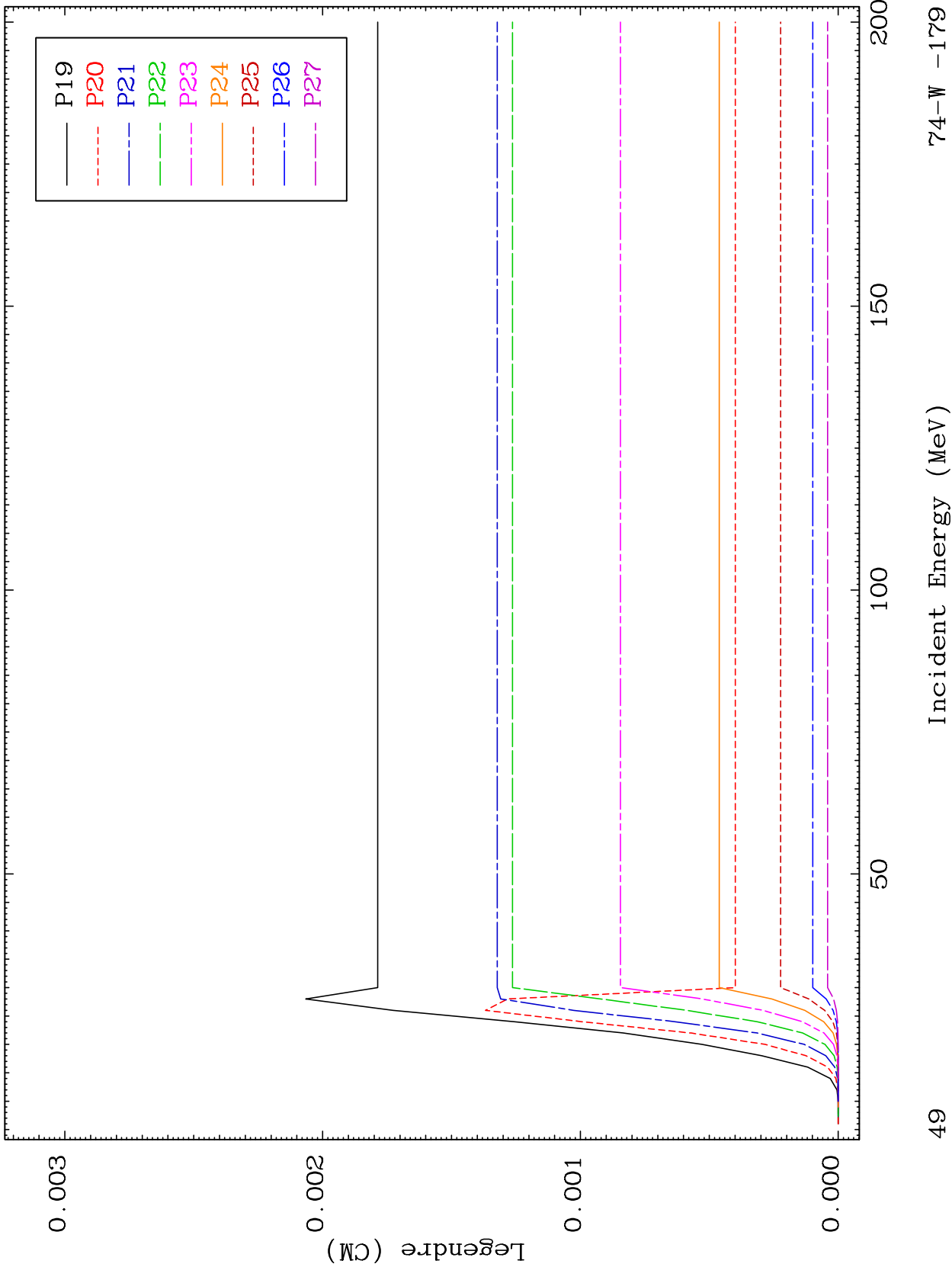
74-W -179



48

Incident Energy (MeV)

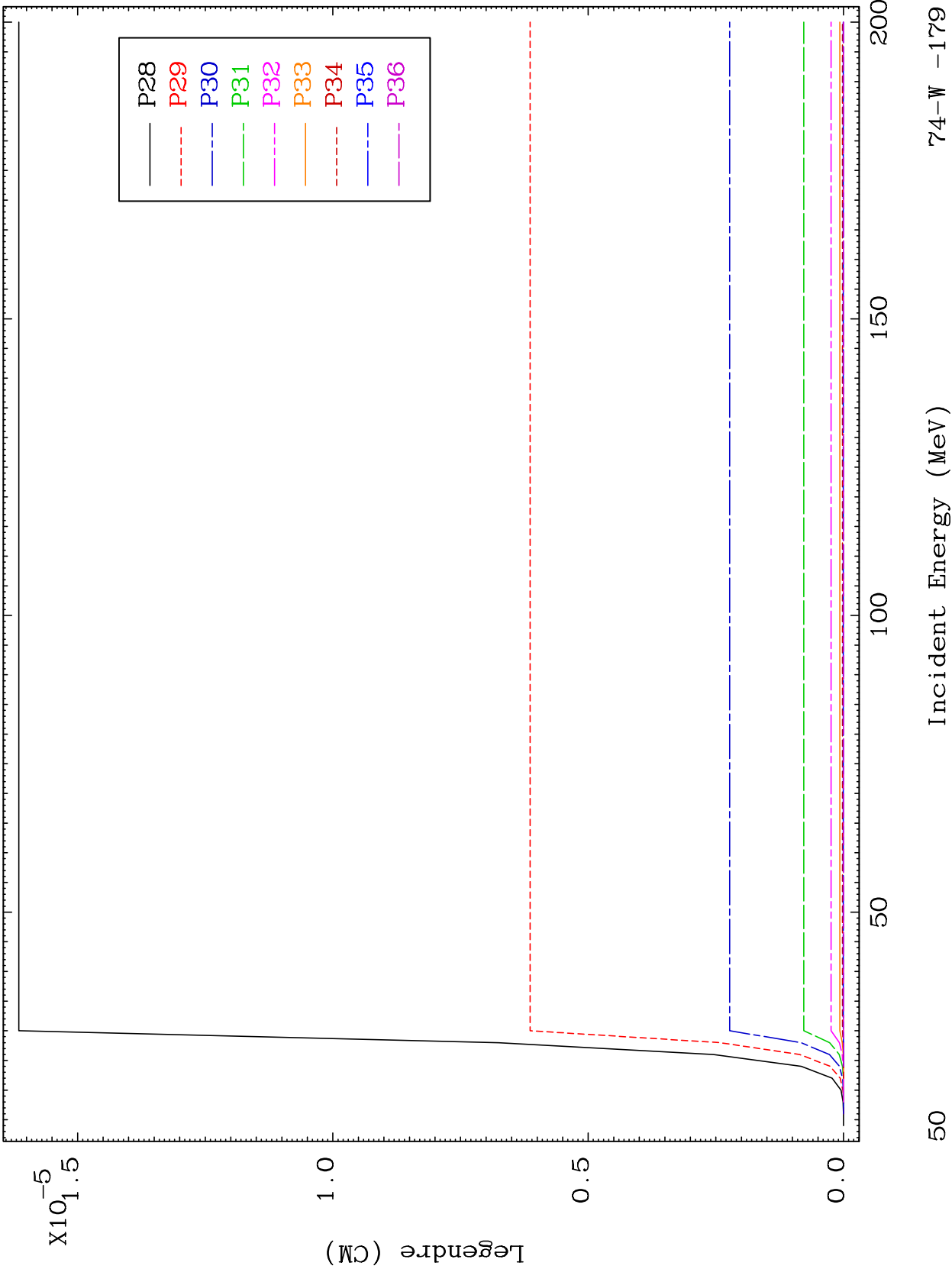
74-W -179



MAT 7422

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

74-W -179



50

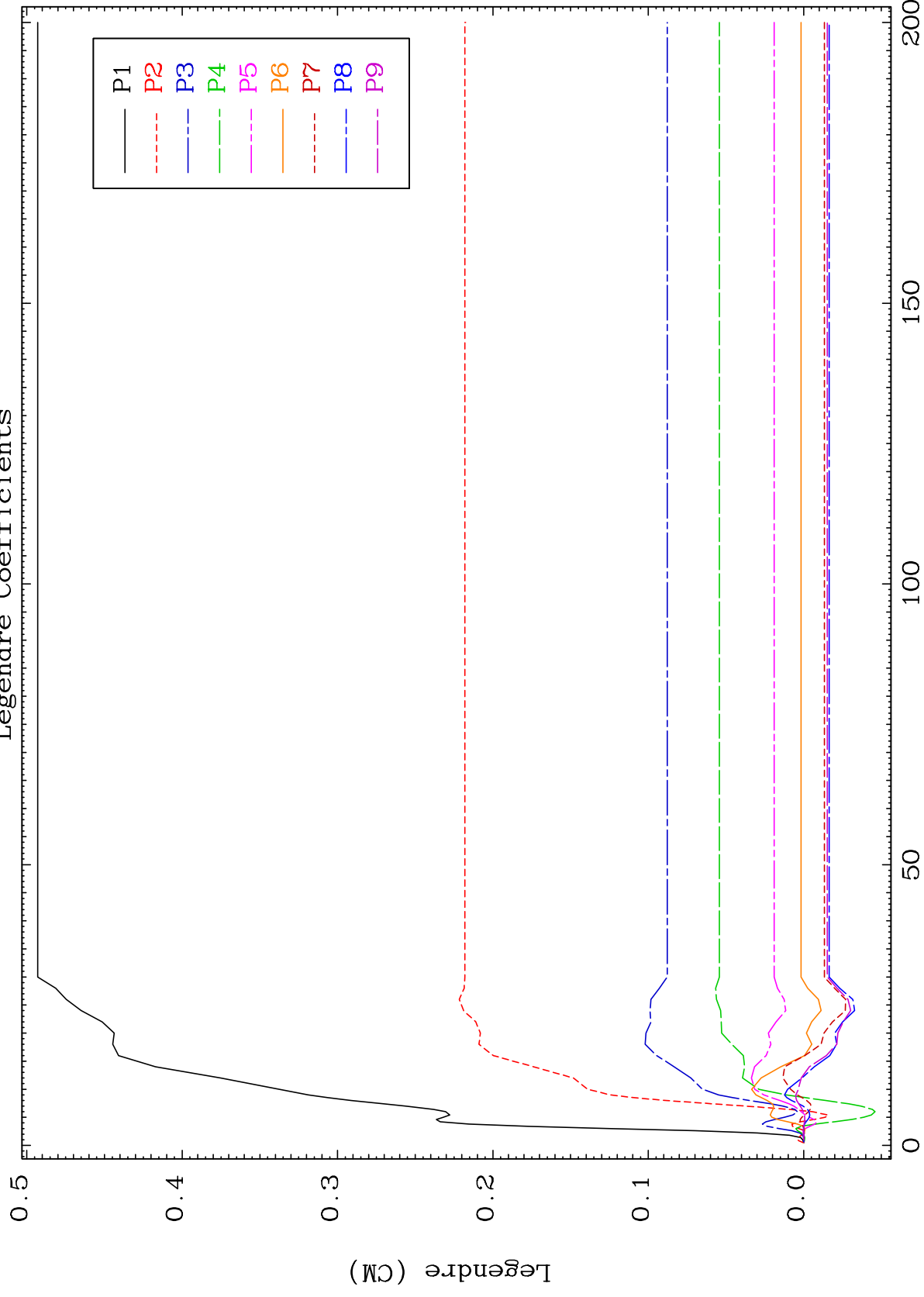
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



74-W -179

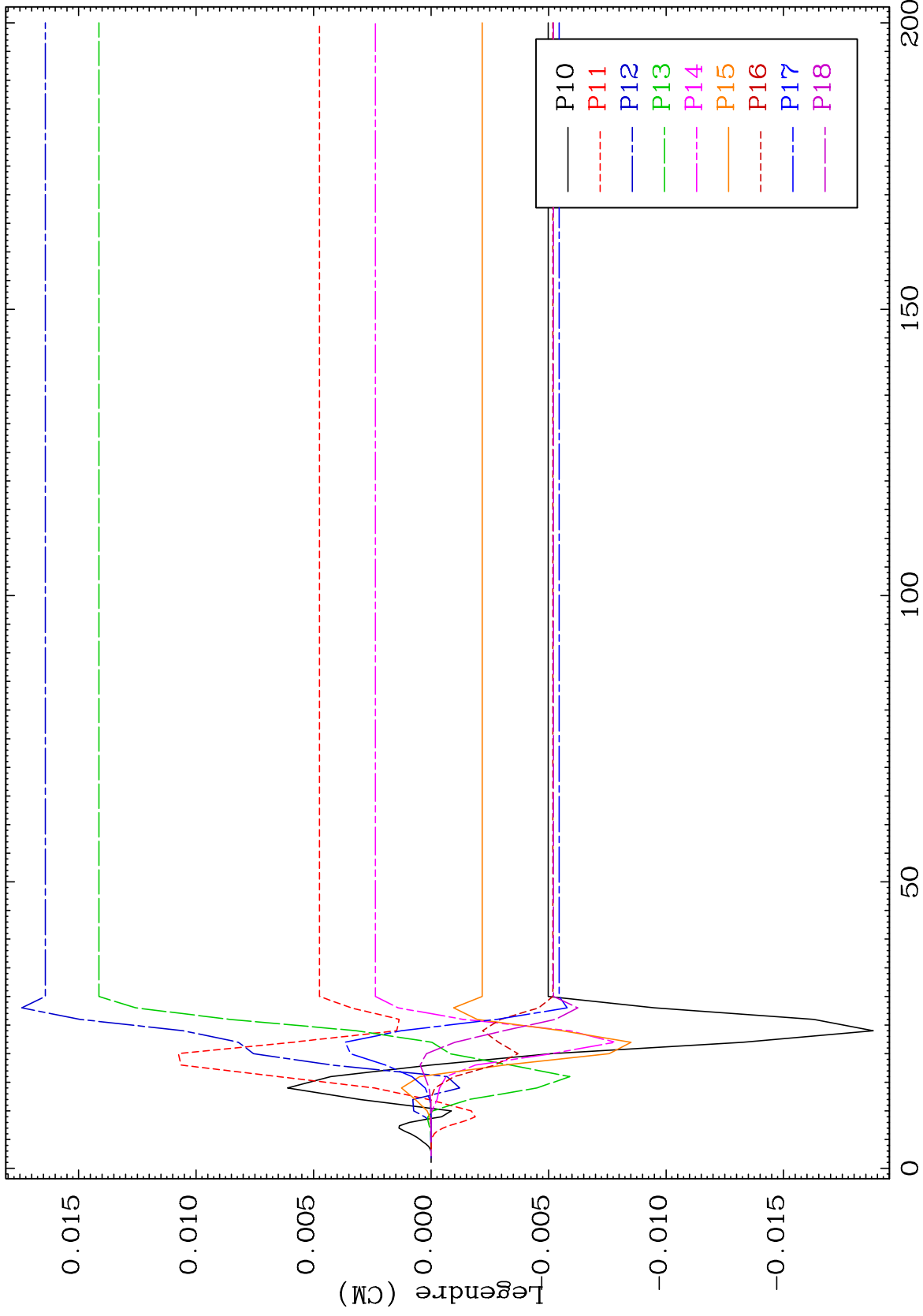
Incident Energy (MeV)

51

MAT 7422

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

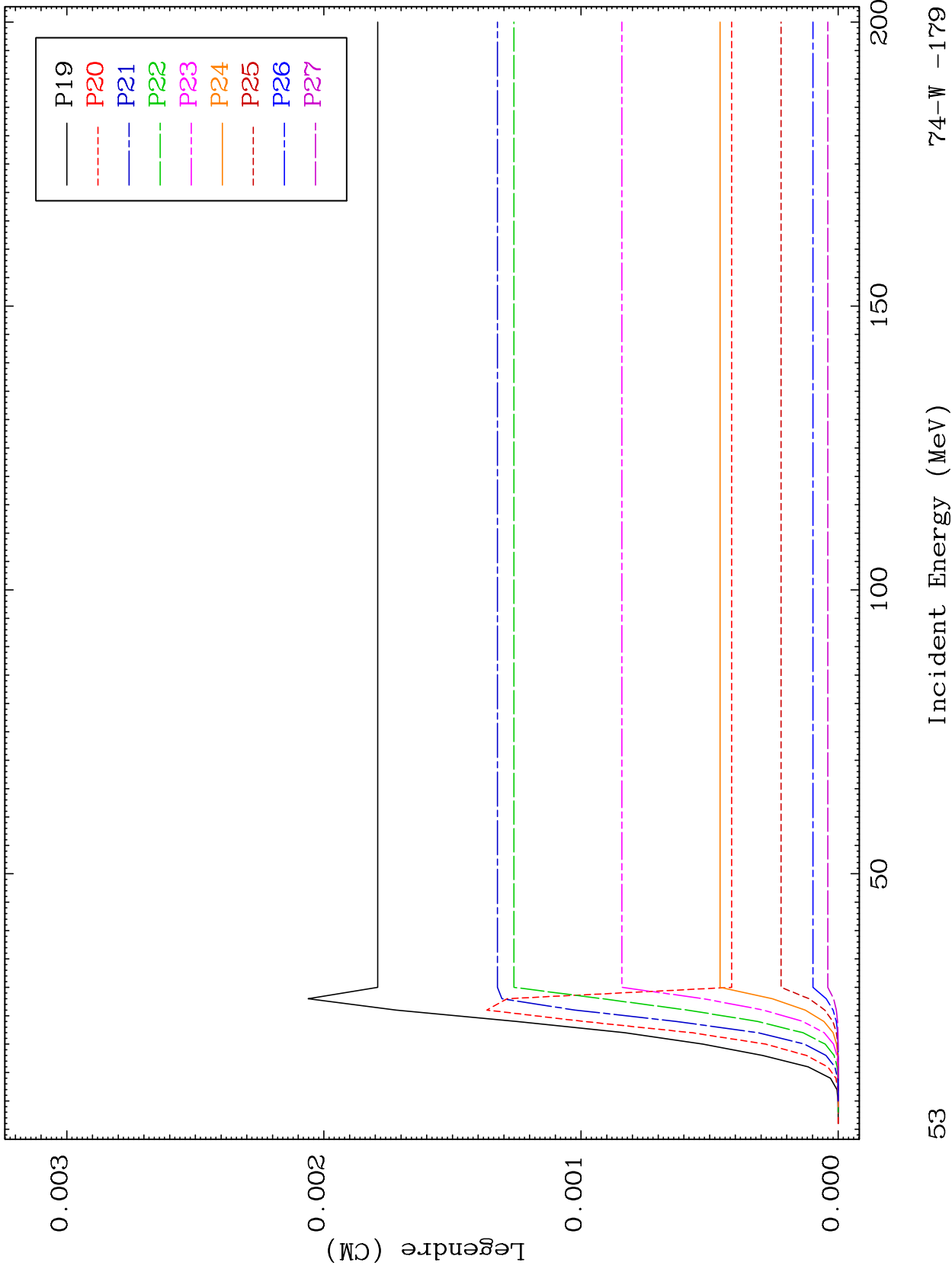
74-W -179

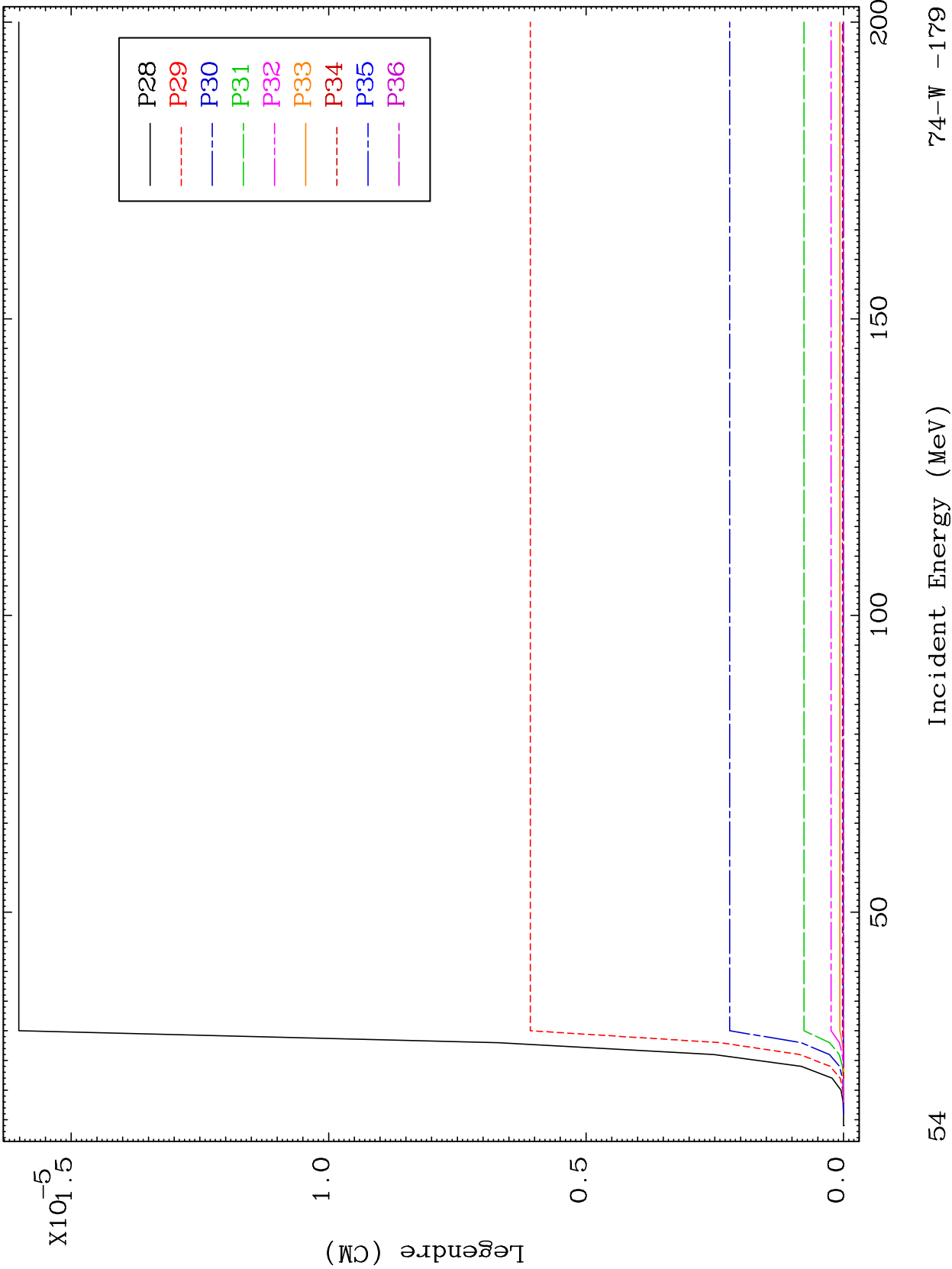


52

Incident Energy (MeV)

74-W -179

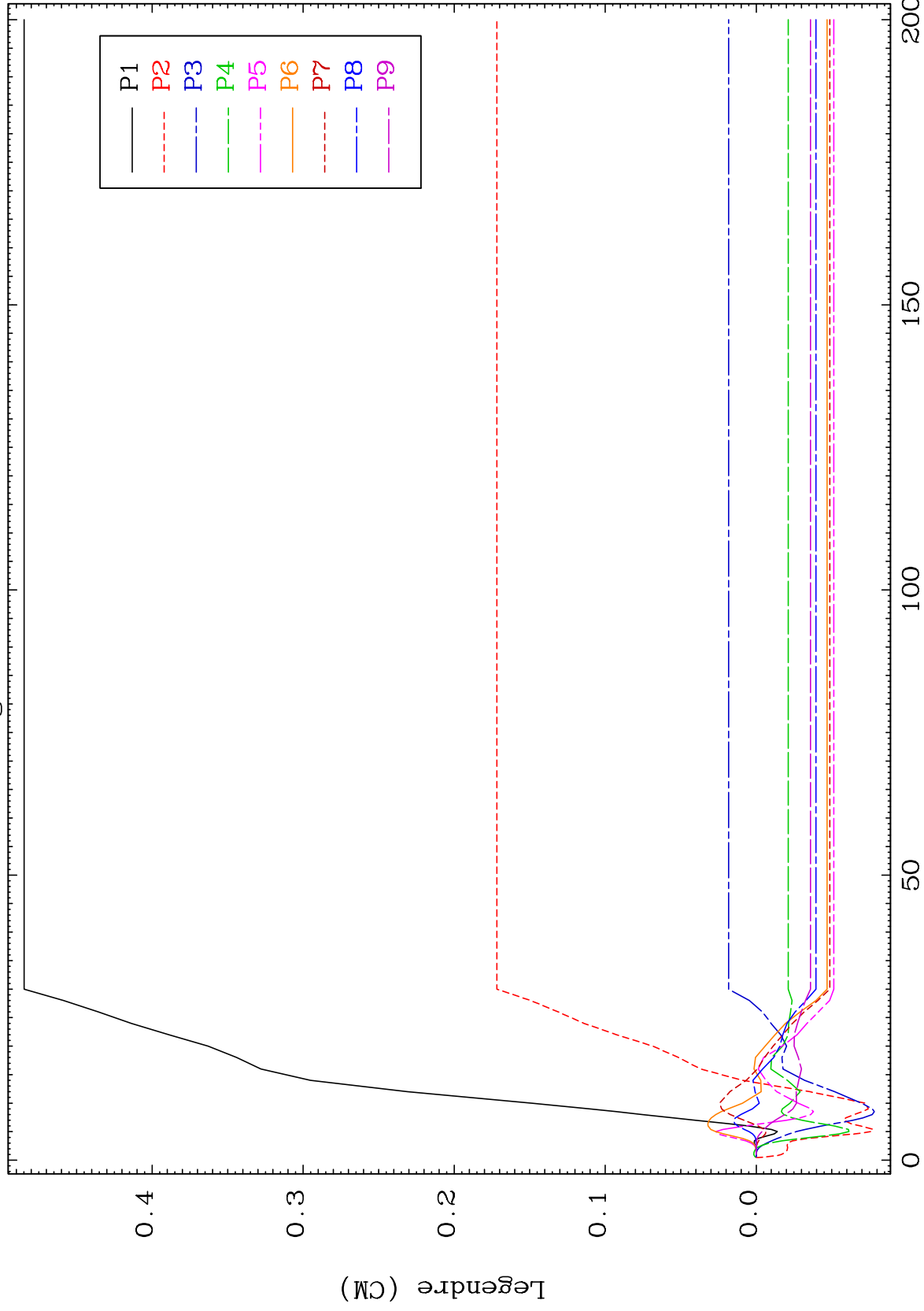




MAT 7422

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

74-W -179



Incident Energy (MeV)

74-W -179

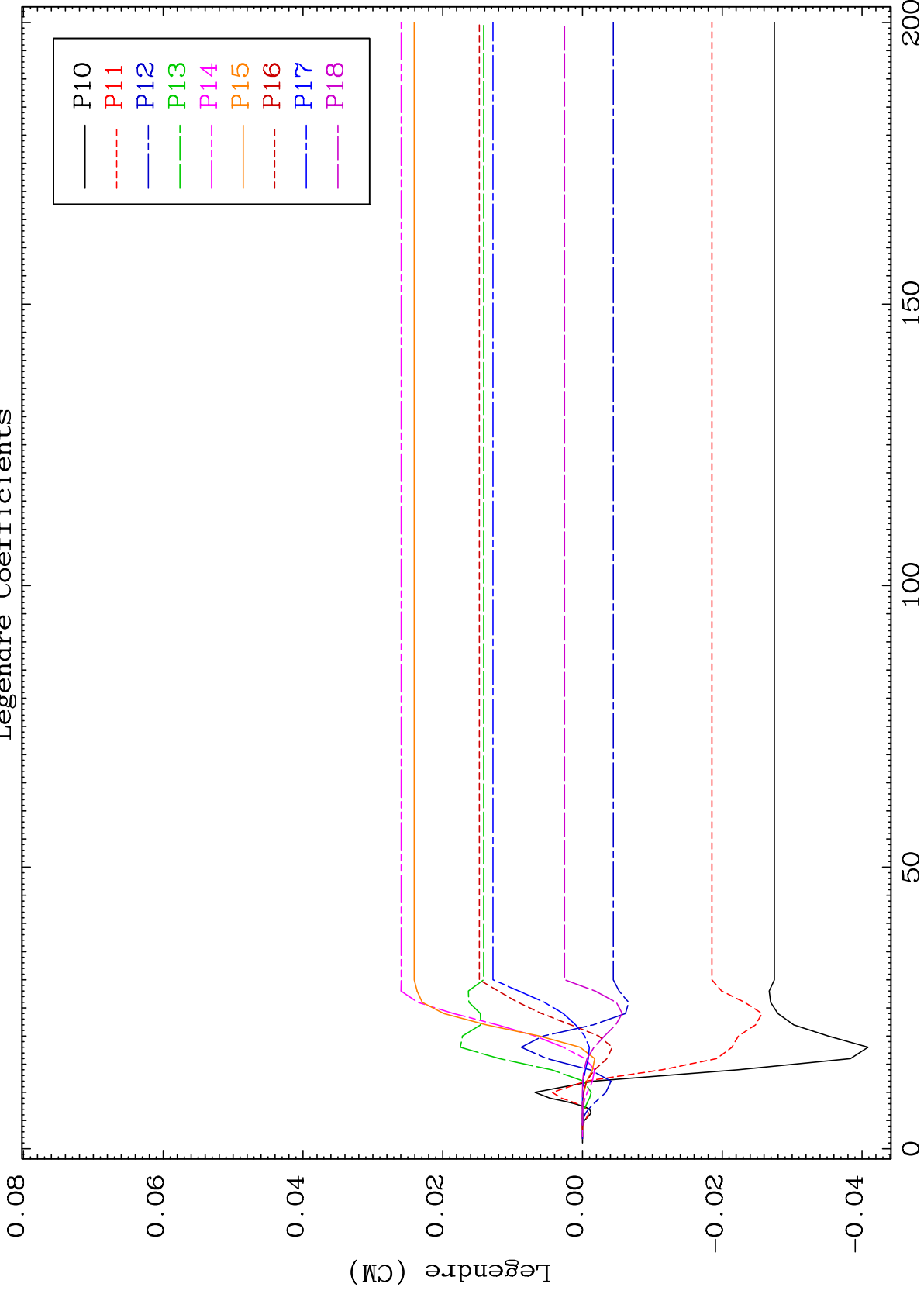
55



MAT 7422

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

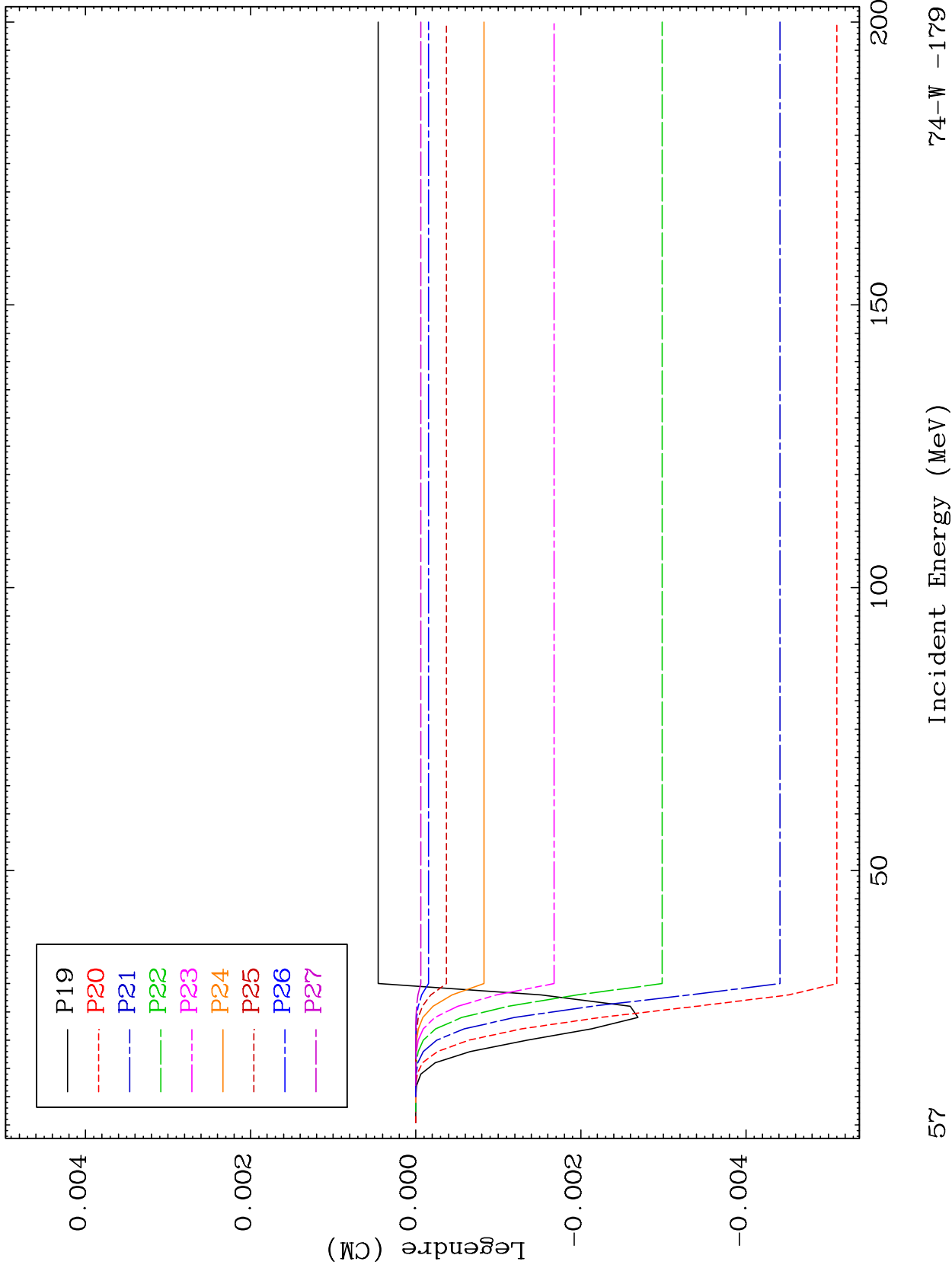
74-W -179

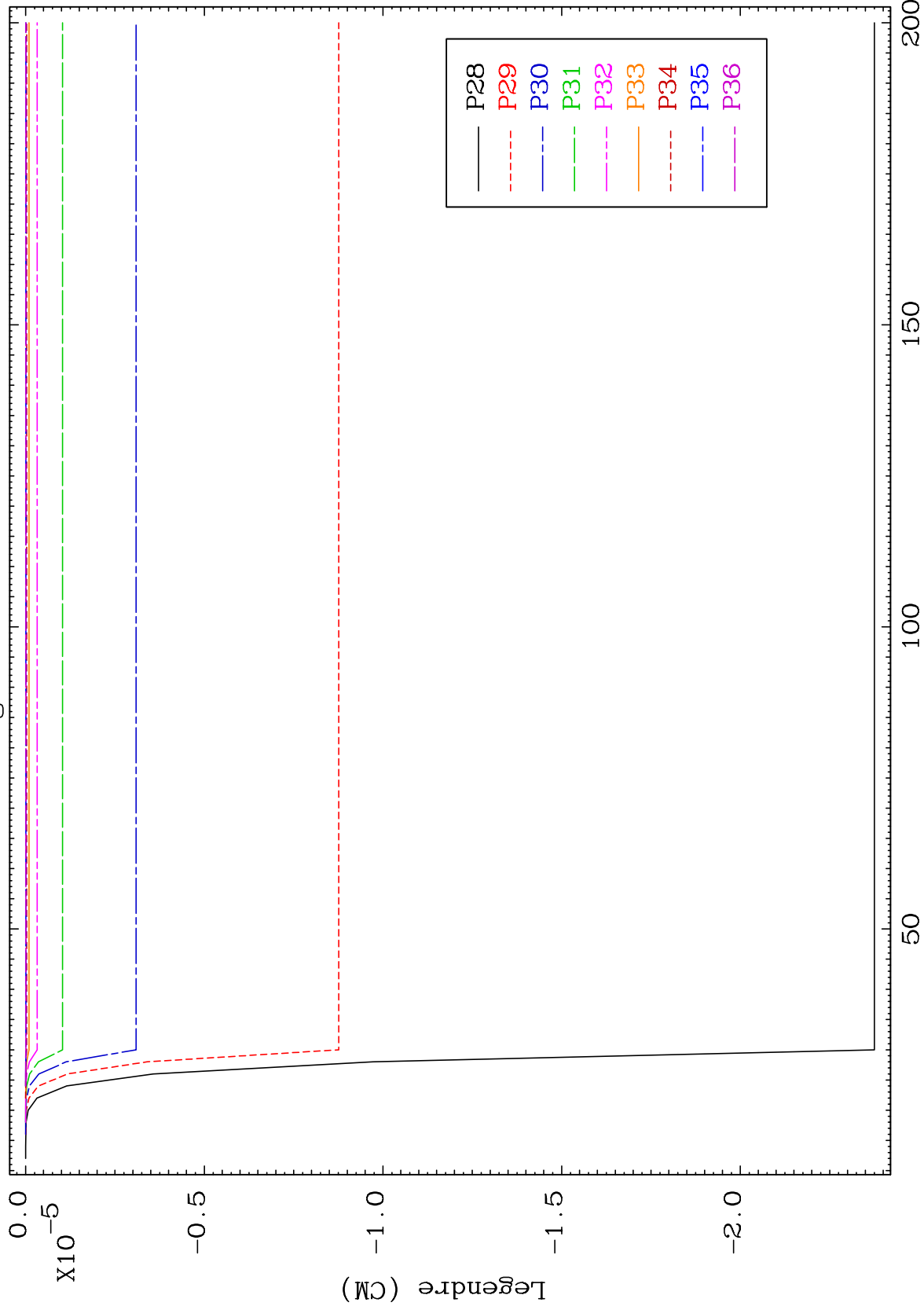


56

Incident Energy (MeV)

74-W -179

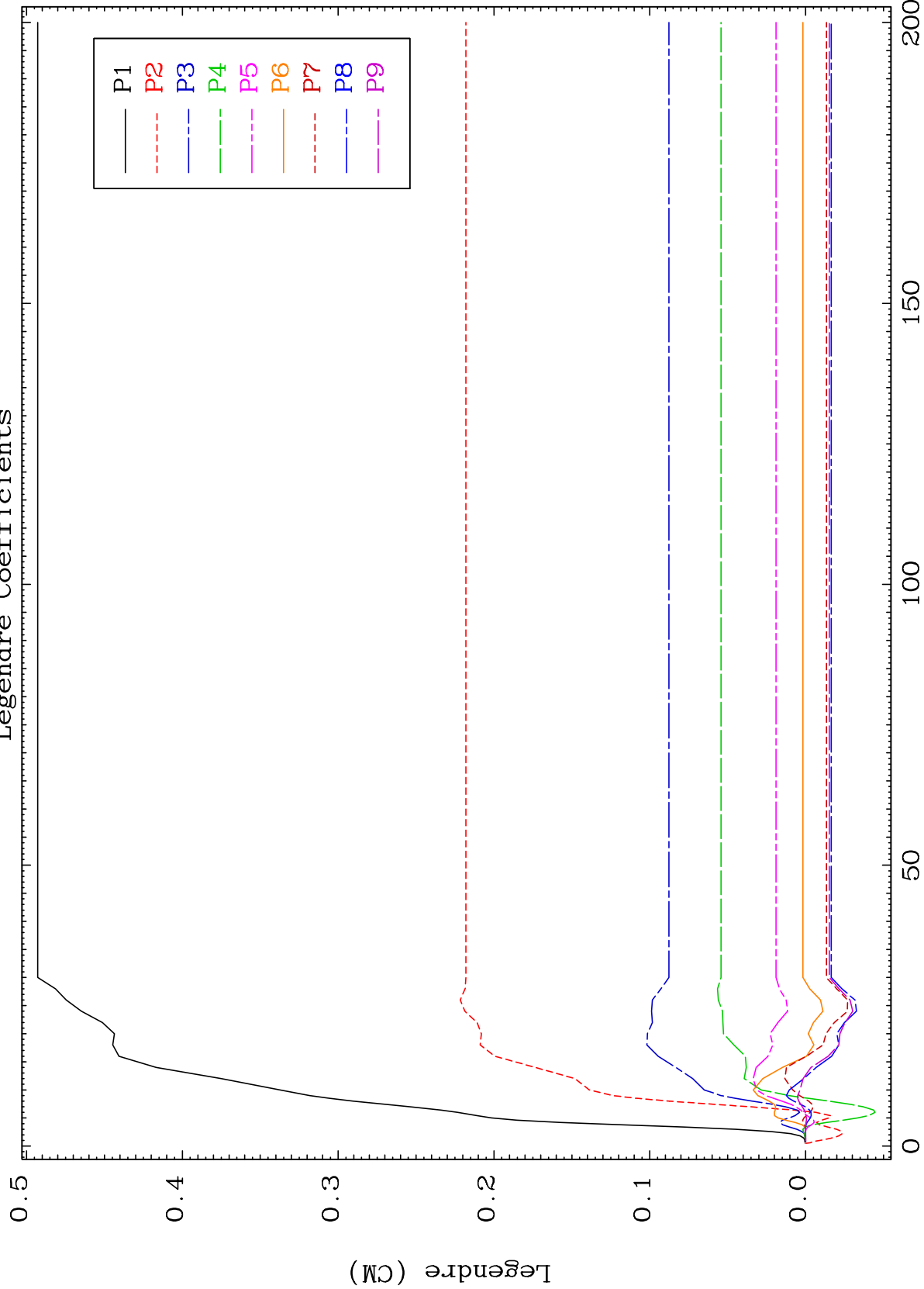




MAT 7422

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

74-W -179



59

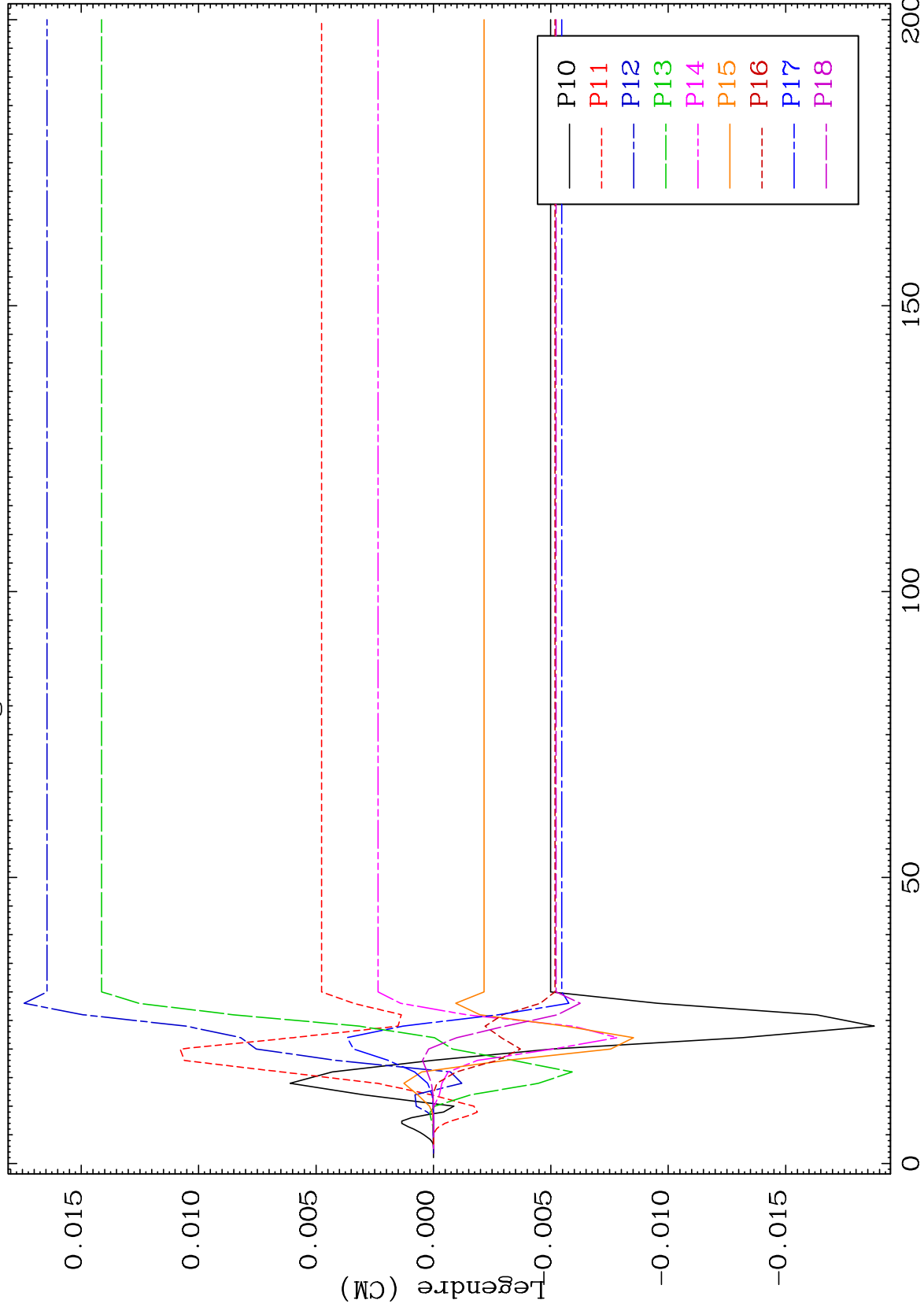
Incident Energy (MeV)

74-W -179

MAT 7422

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

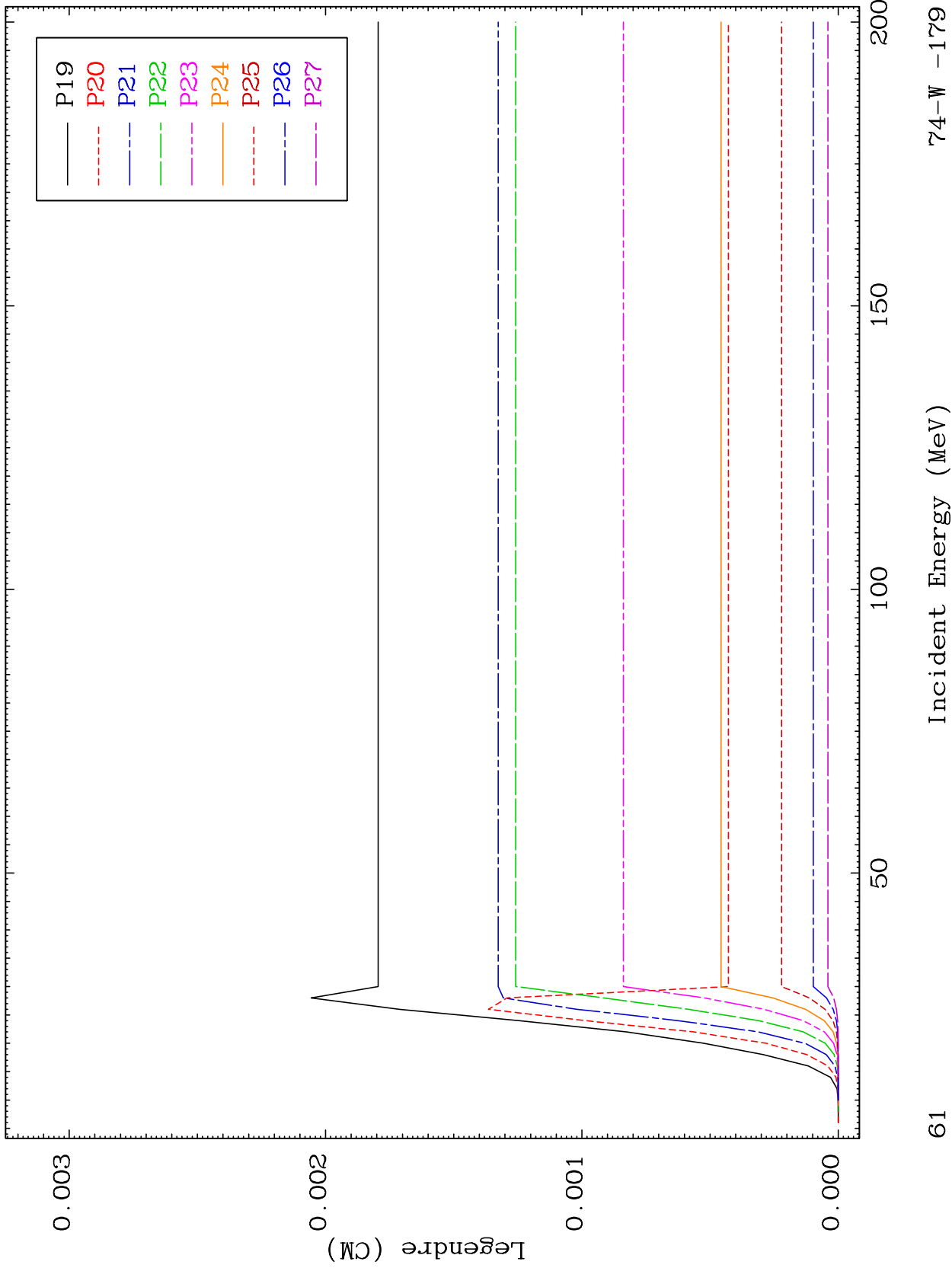
74-W -179



74-W -179

Incident Energy (MeV)

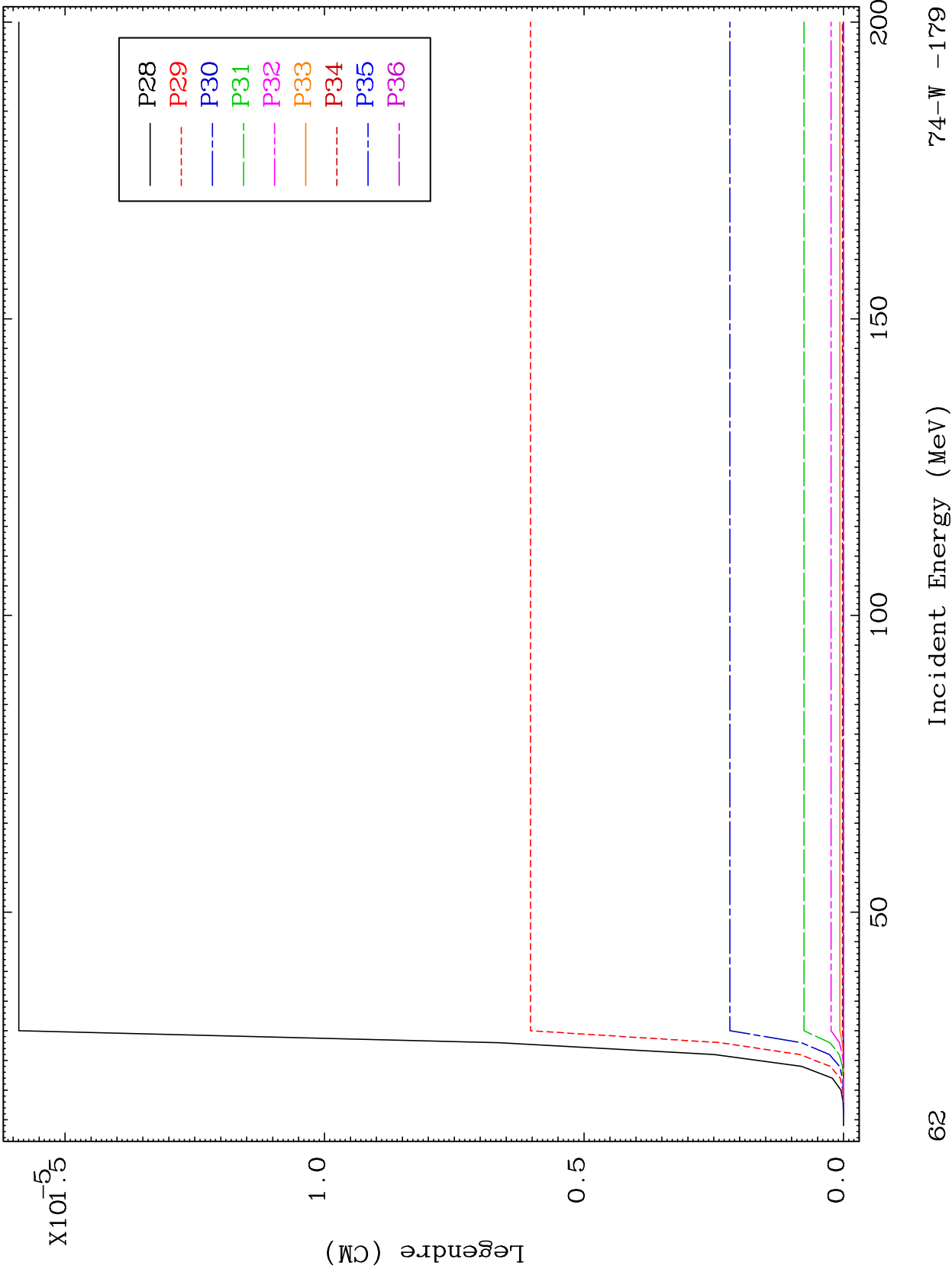
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MAT 7422

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

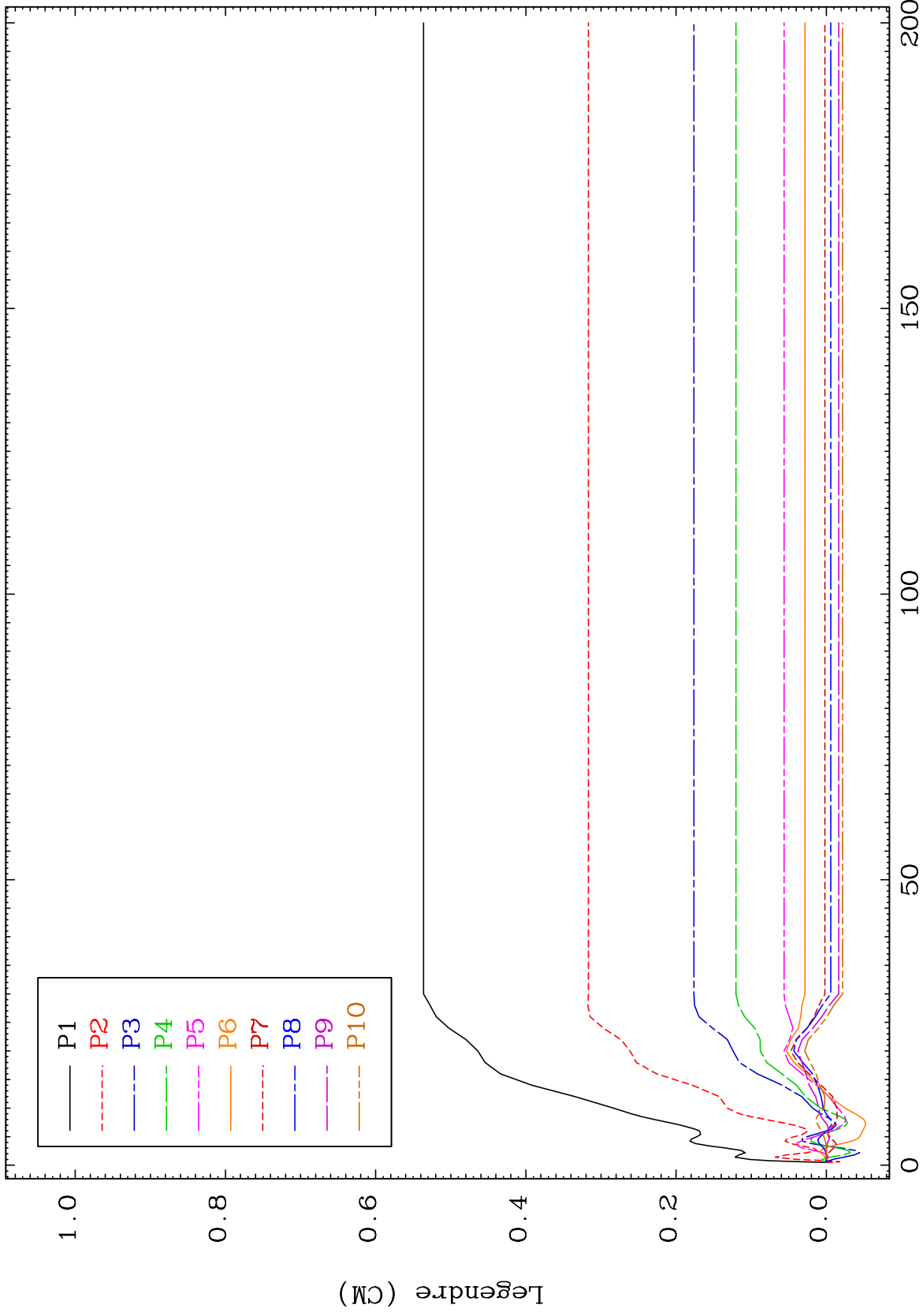
74-W -179



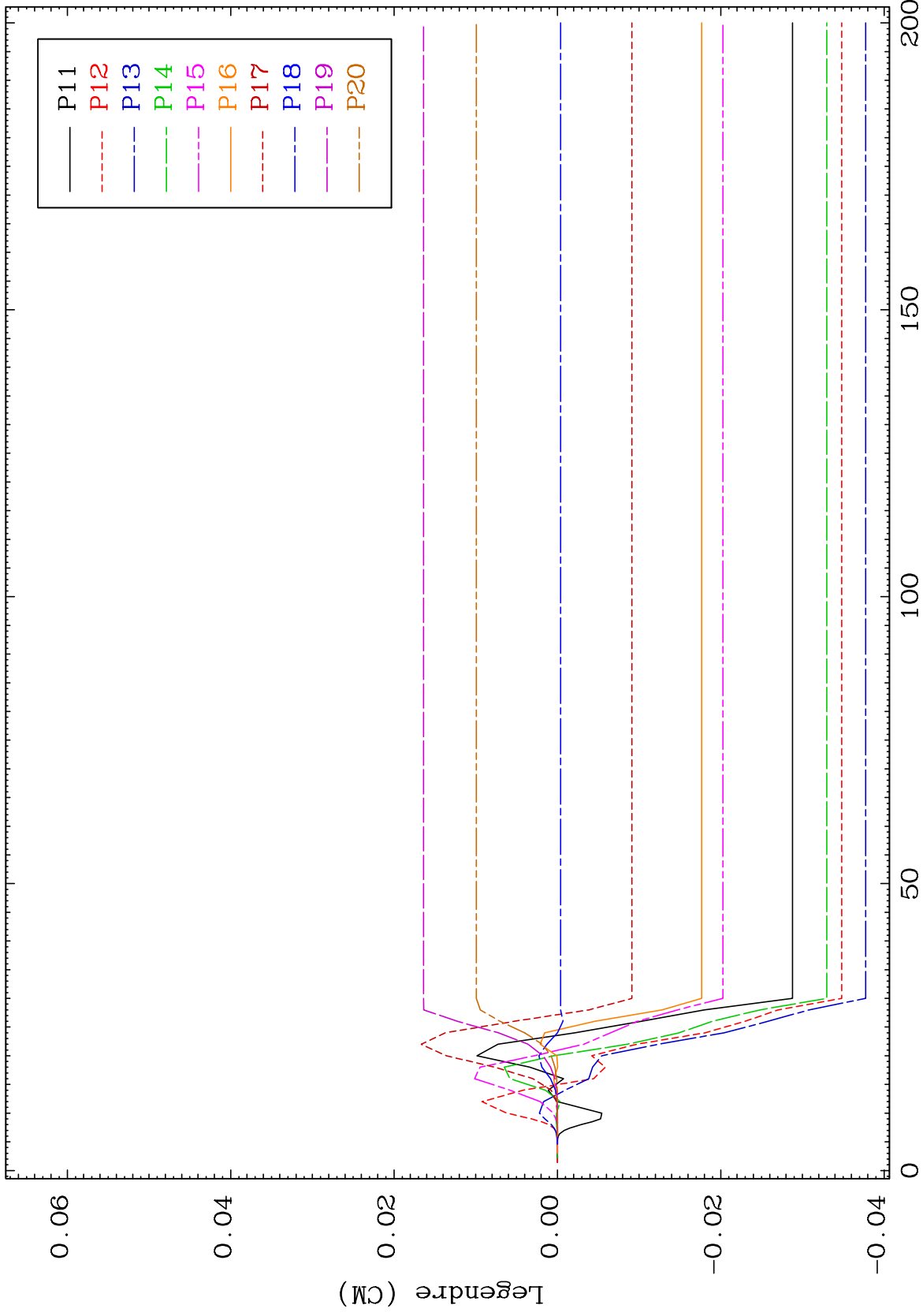
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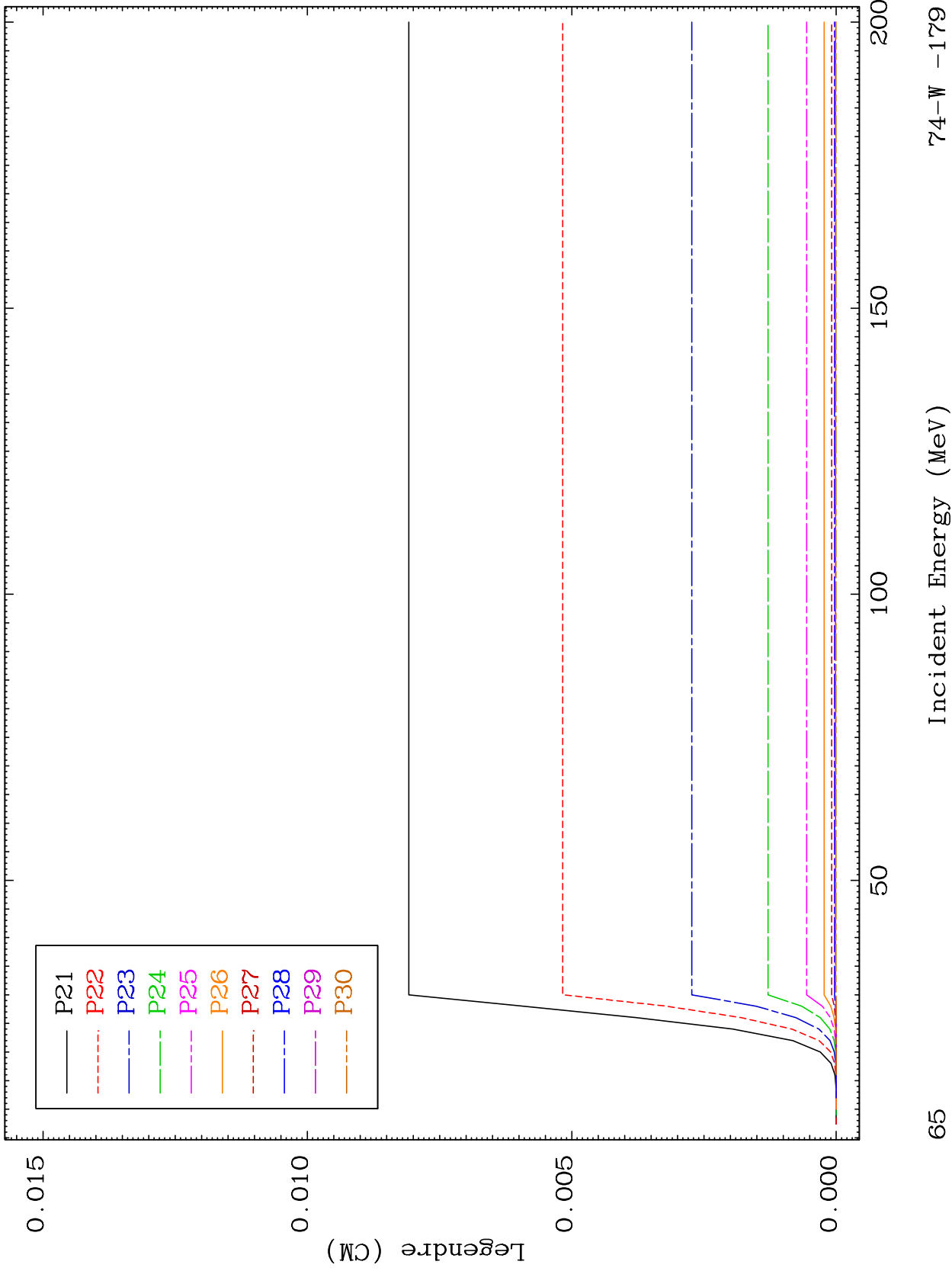
Incident Energy (MeV)

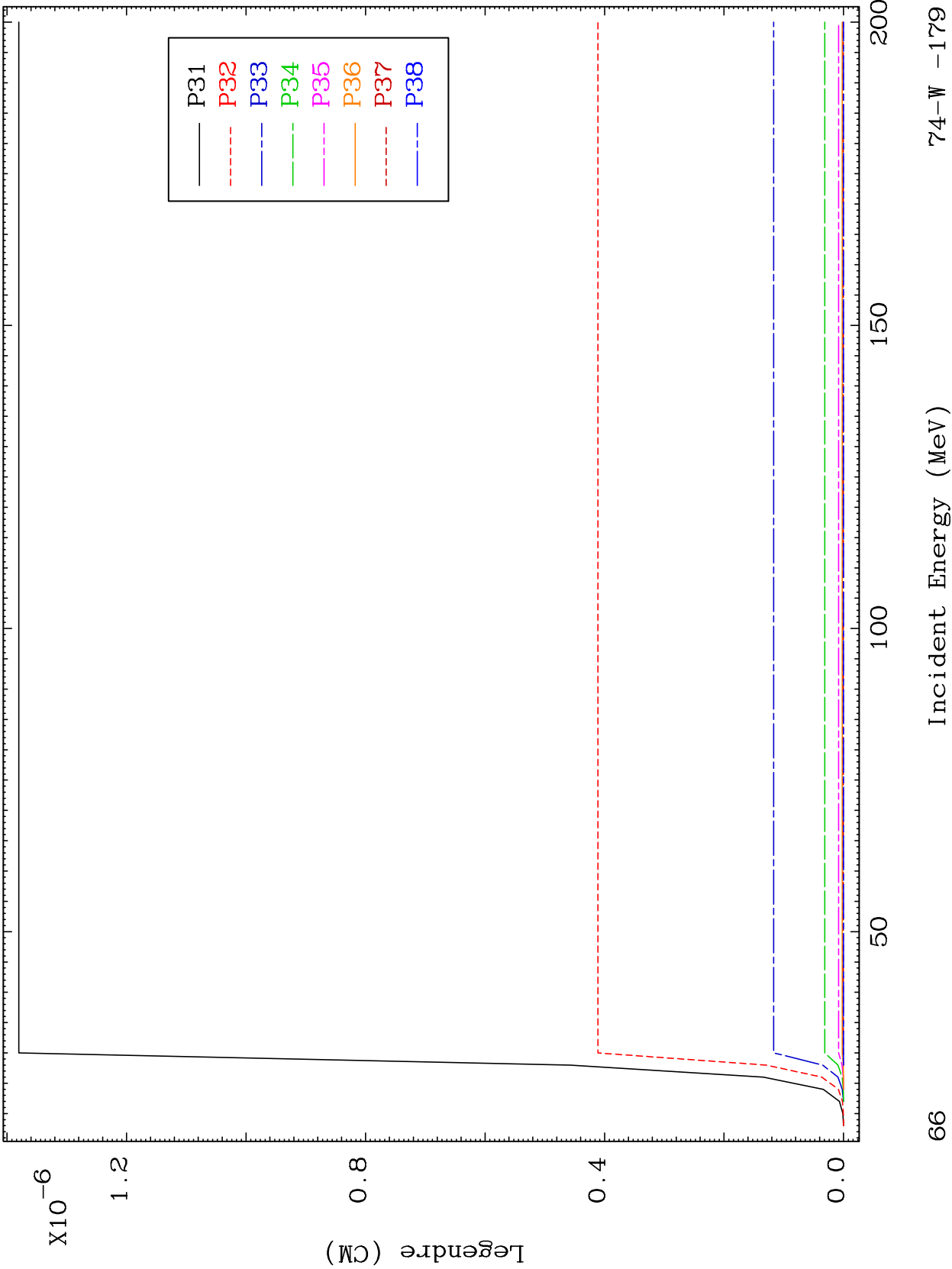
74-W -179







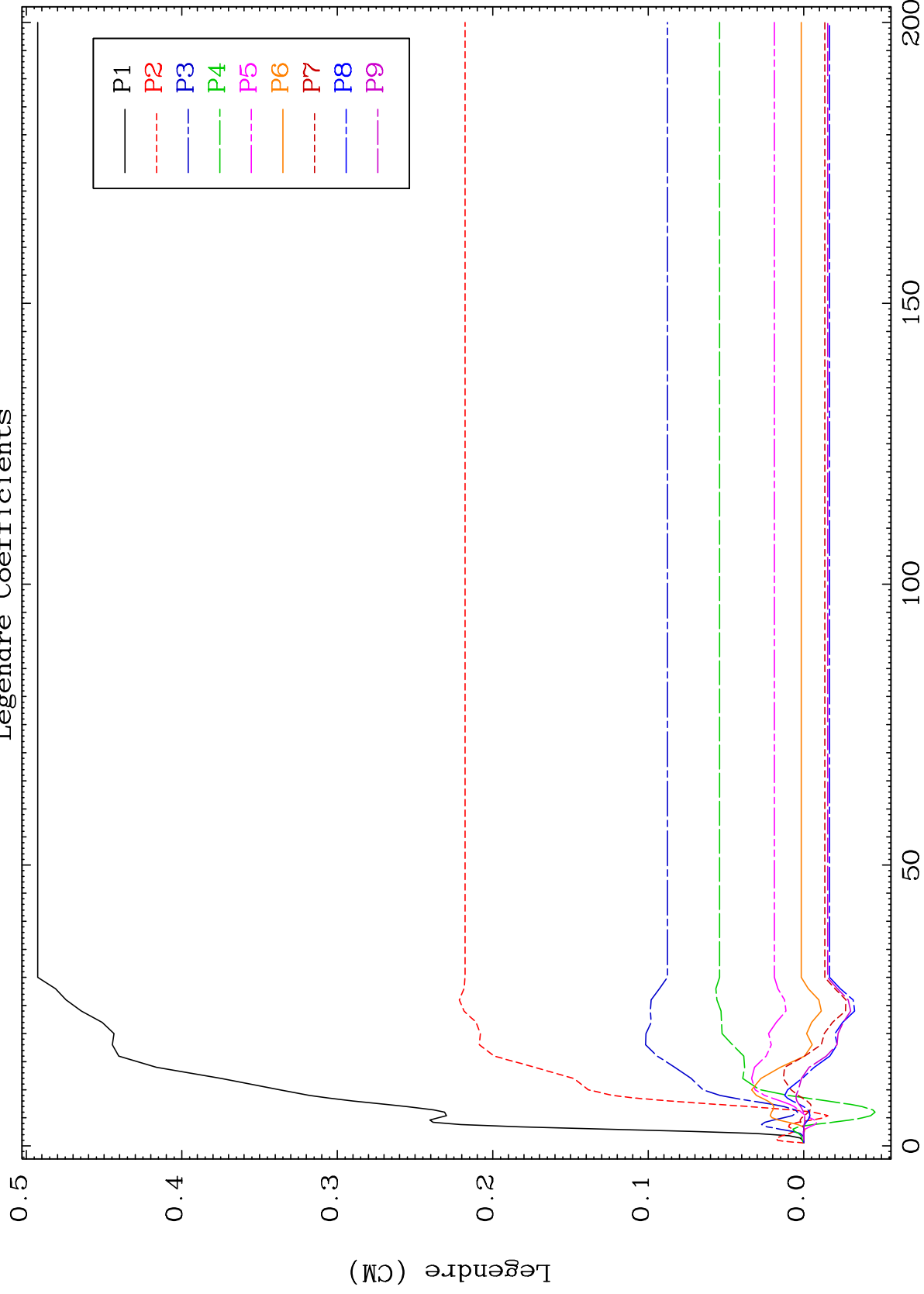




MAT 7422

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

74-W -179



74-W -179

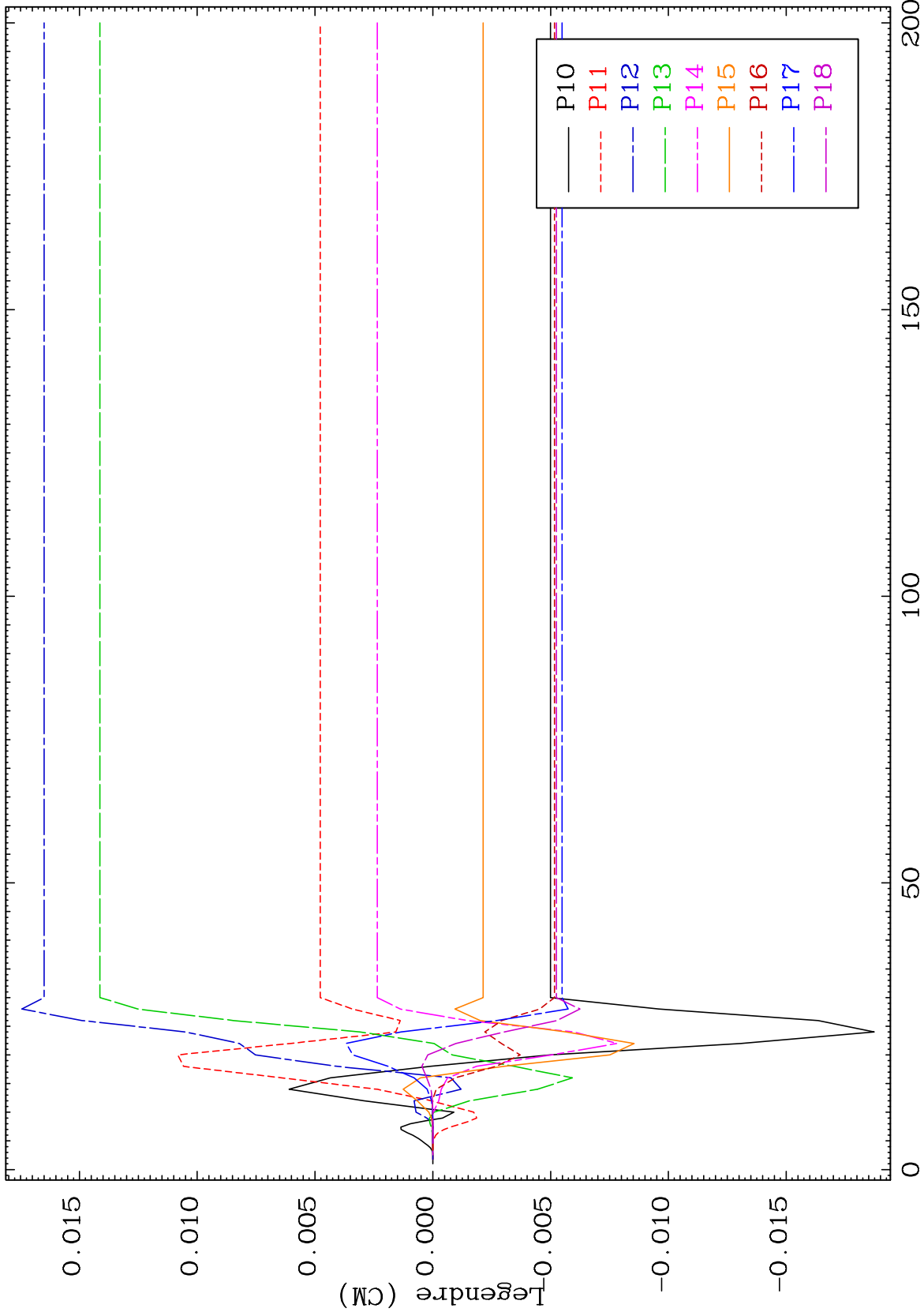
Incident Energy (MeV)

67

MAT 7422

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

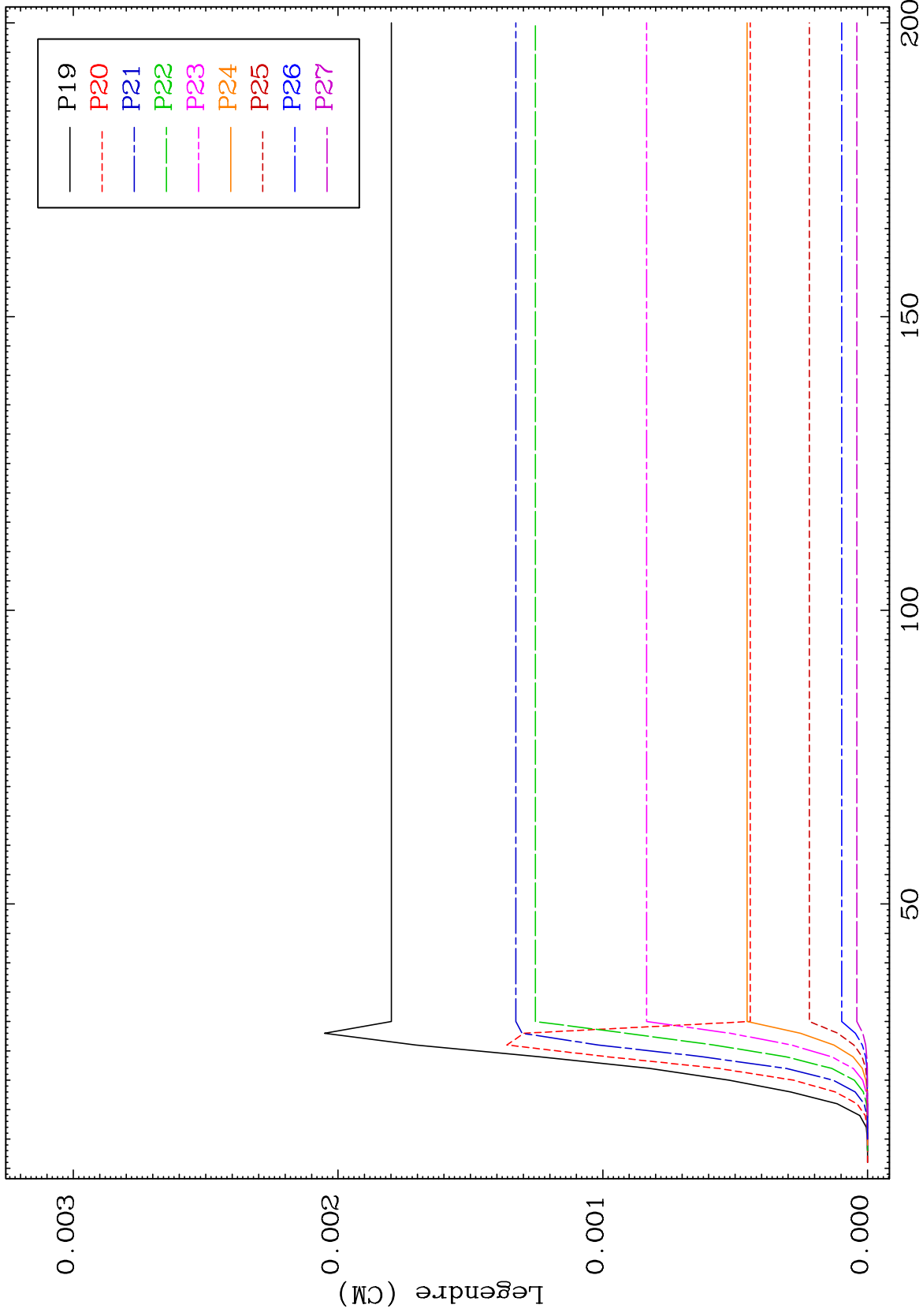
74-W -179



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Incident Energy (MeV)

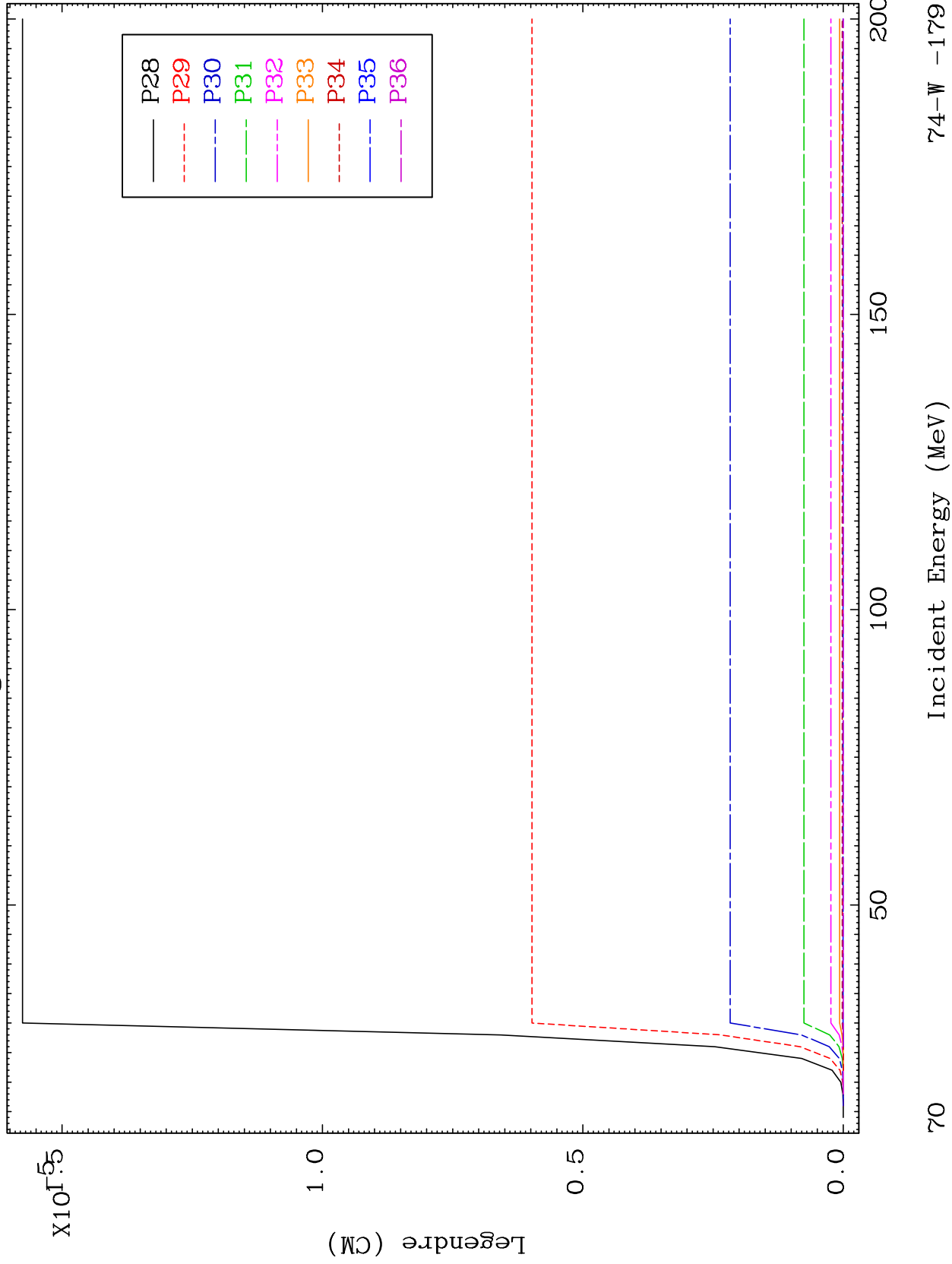
74-W -179



MAT 7422

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

74-W -179



70

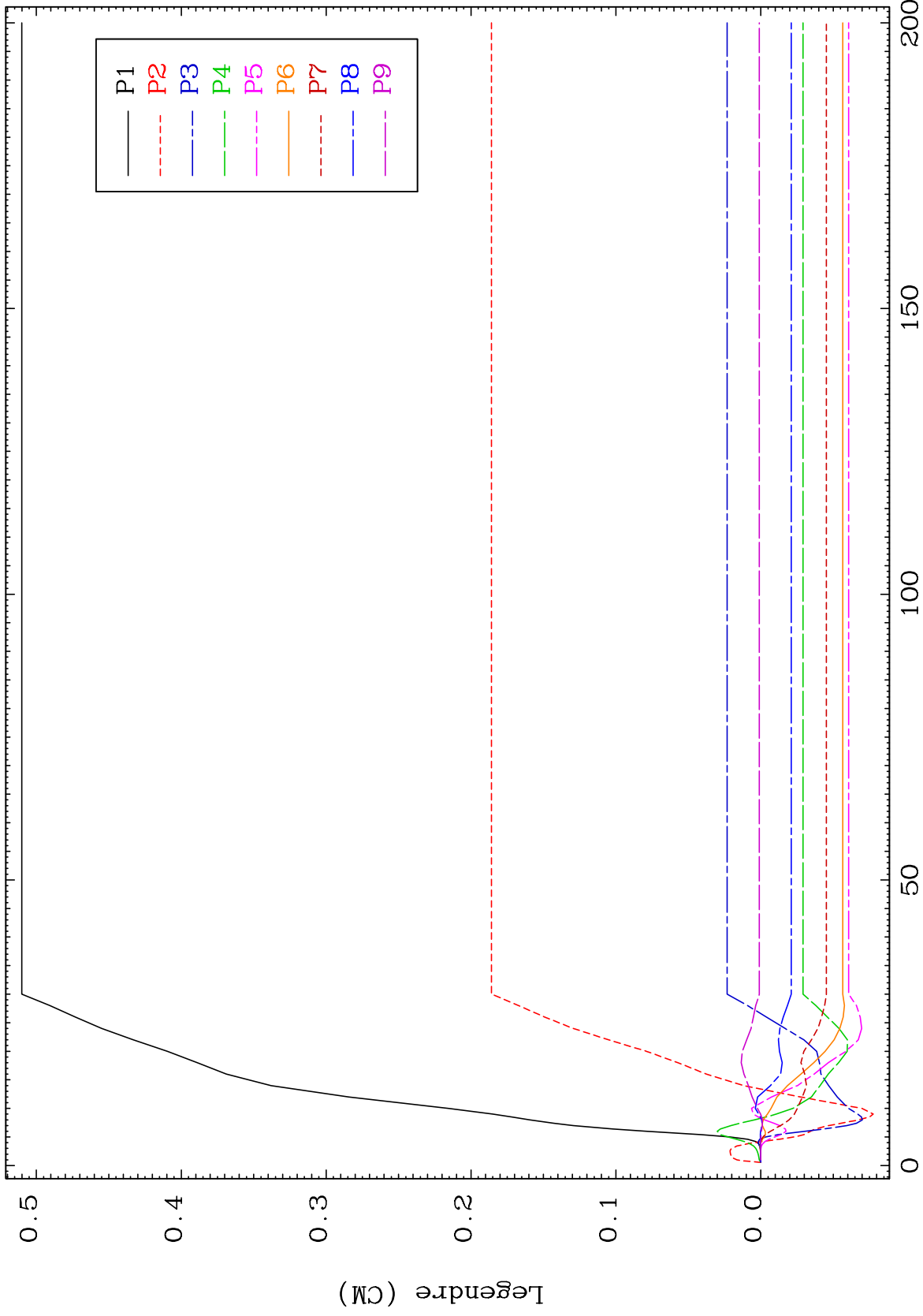
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



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Incident Energy (MeV)

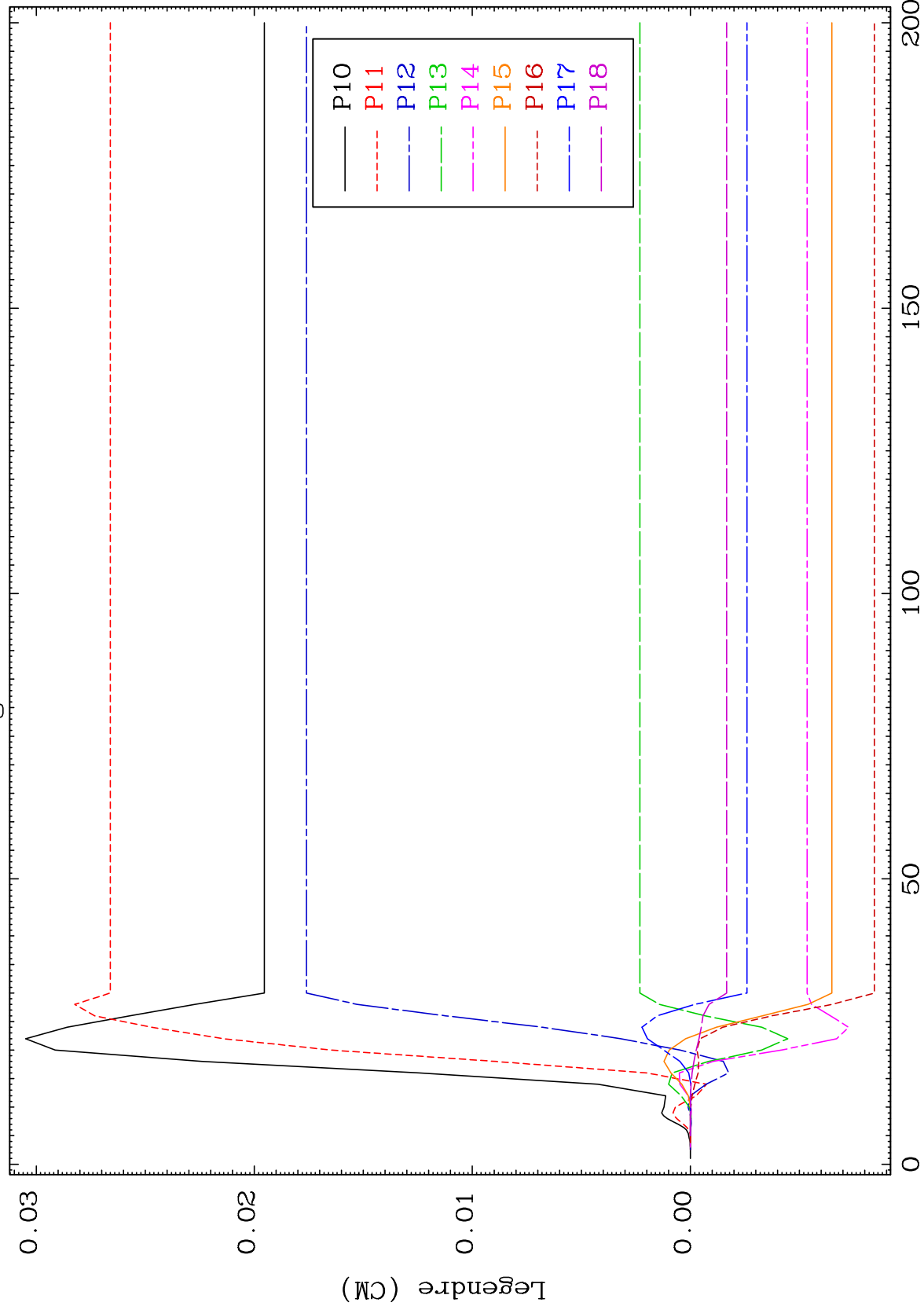
74-W -179



MAT 7422

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

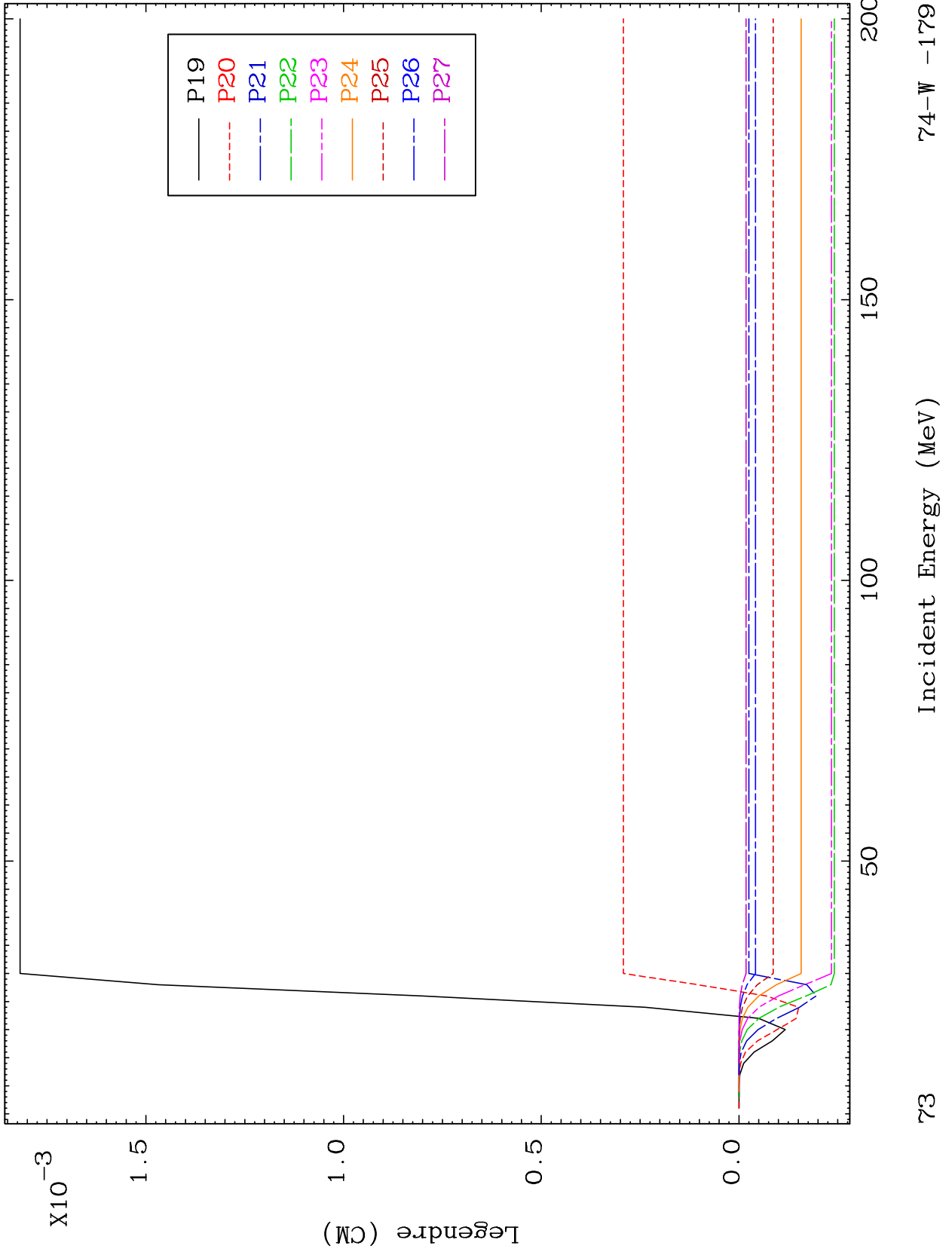
74-W -179



72

Incident Energy (MeV)

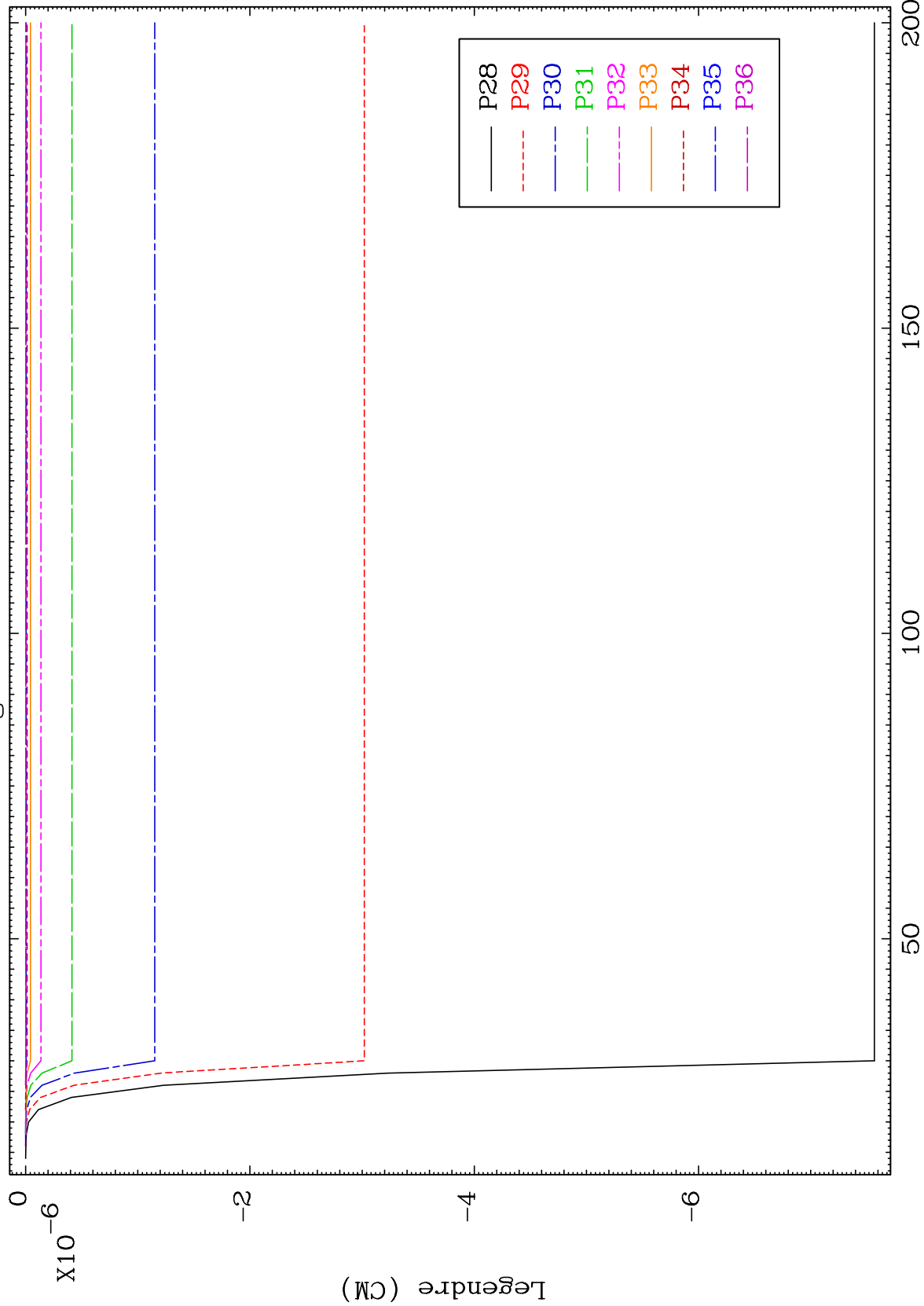
74-W -179



MAT 7422

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

74-W -179



74-W -179

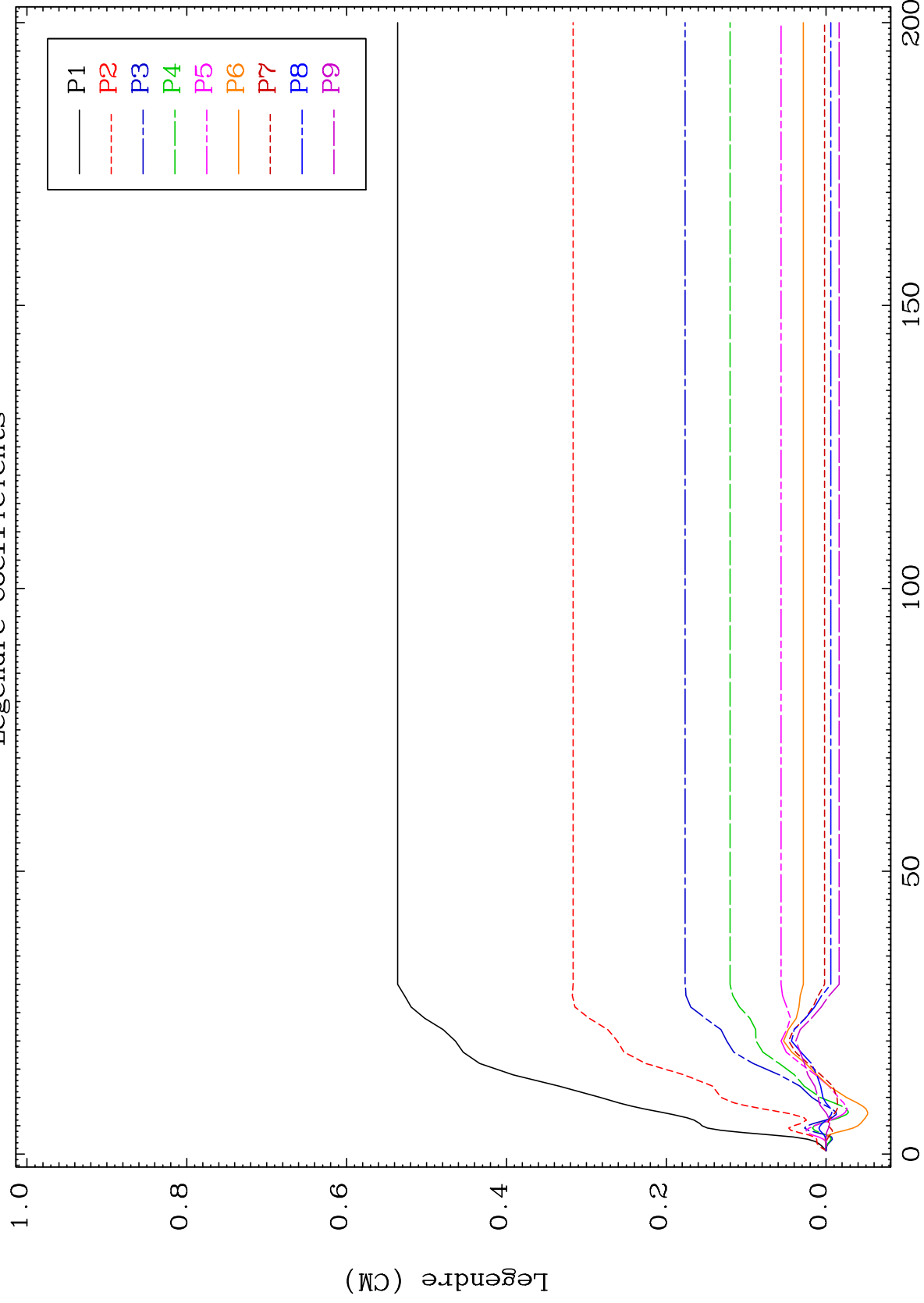
Incident Energy (MeV)

74

MAT 7422

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

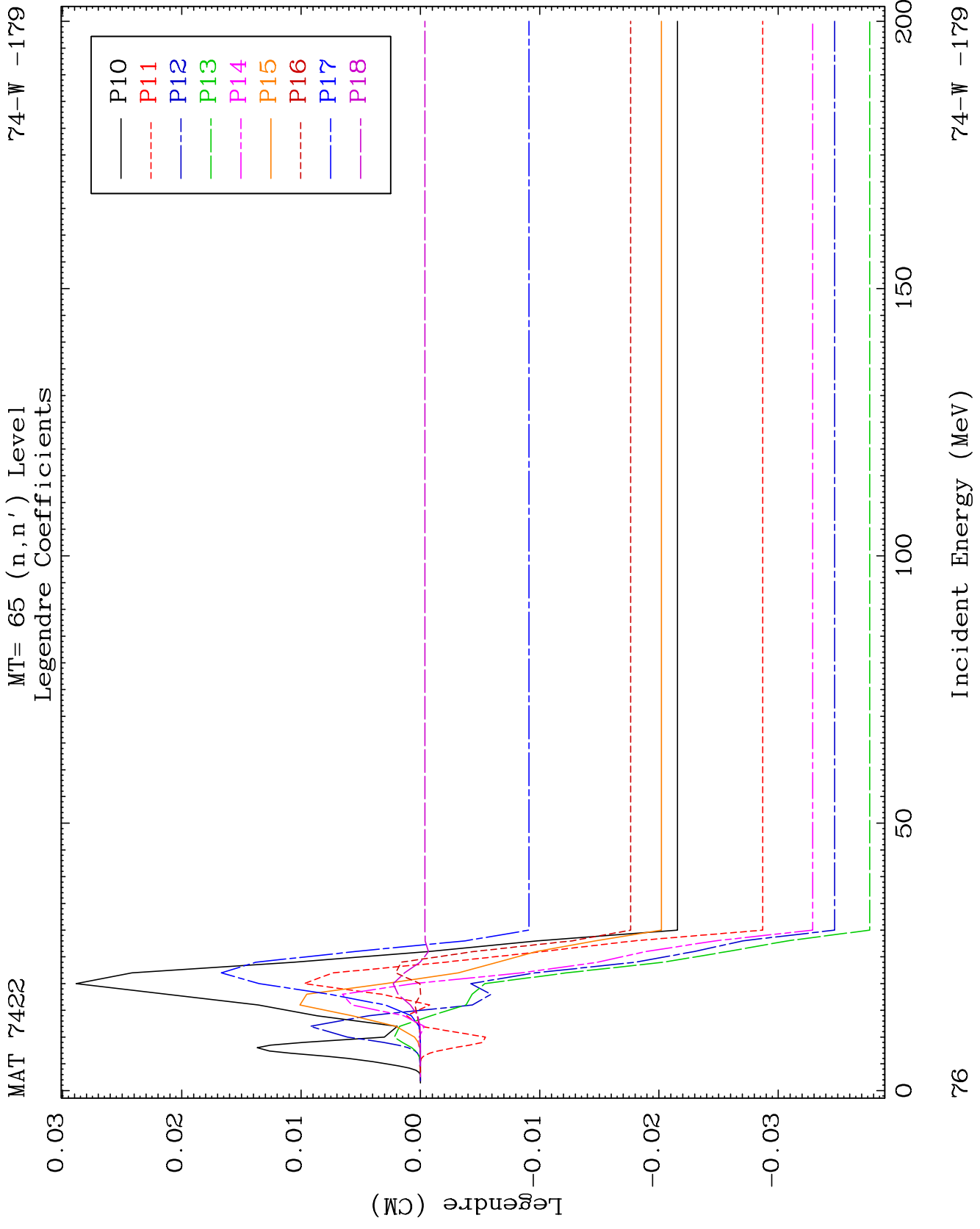
74-W -179

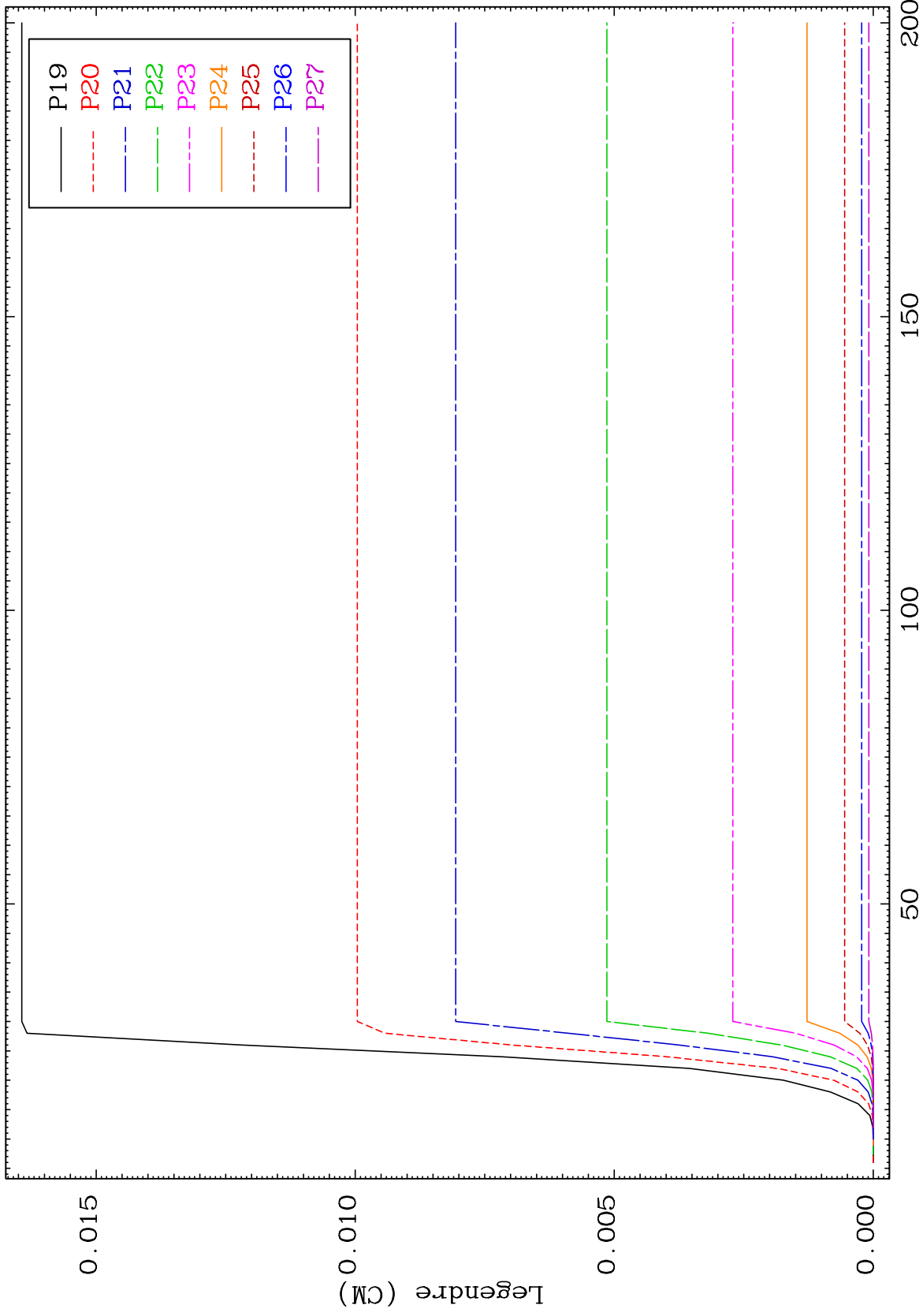


75

Incident Energy (MeV)

74-W -179

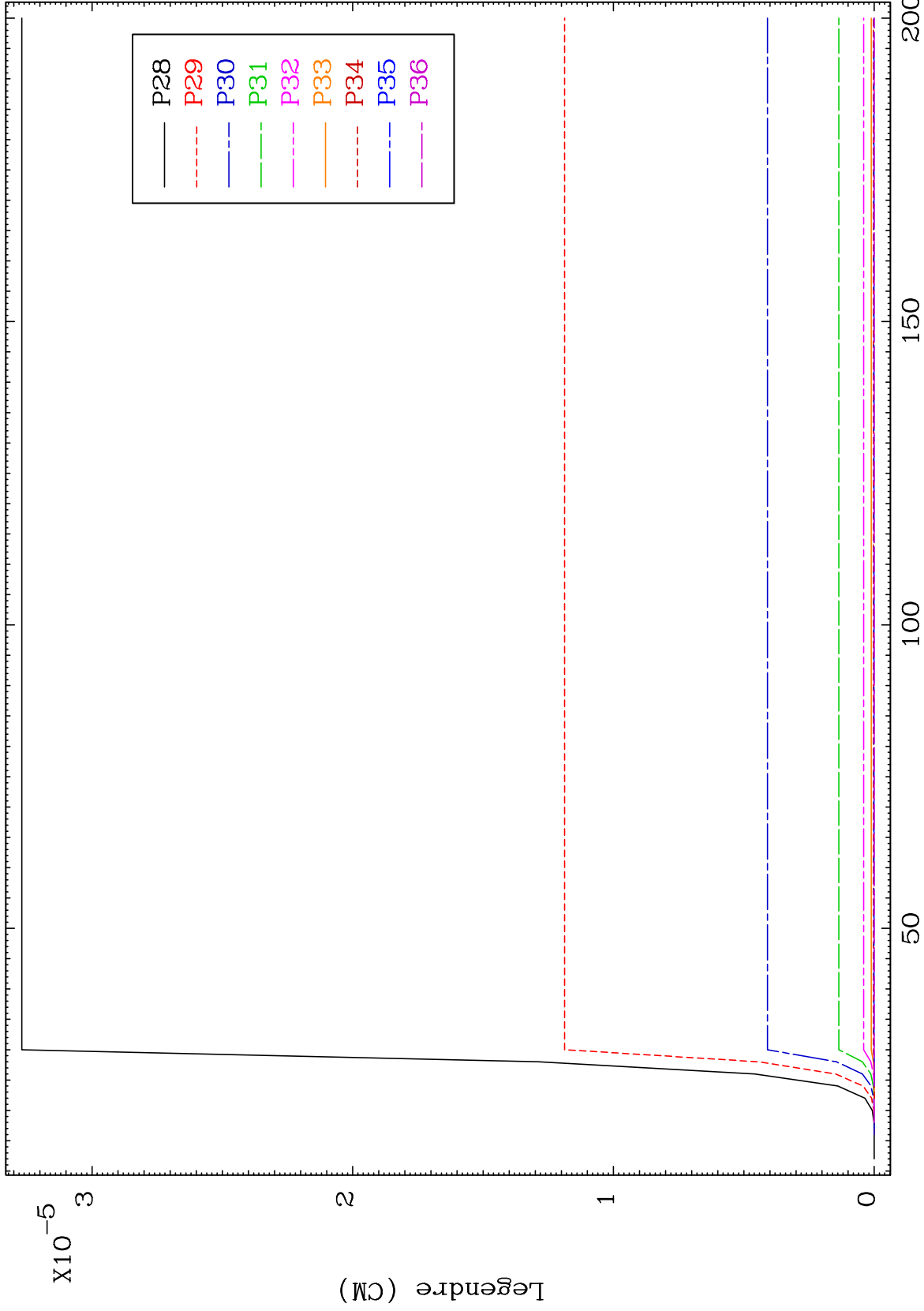




MAT 7422

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

74-W -179



78

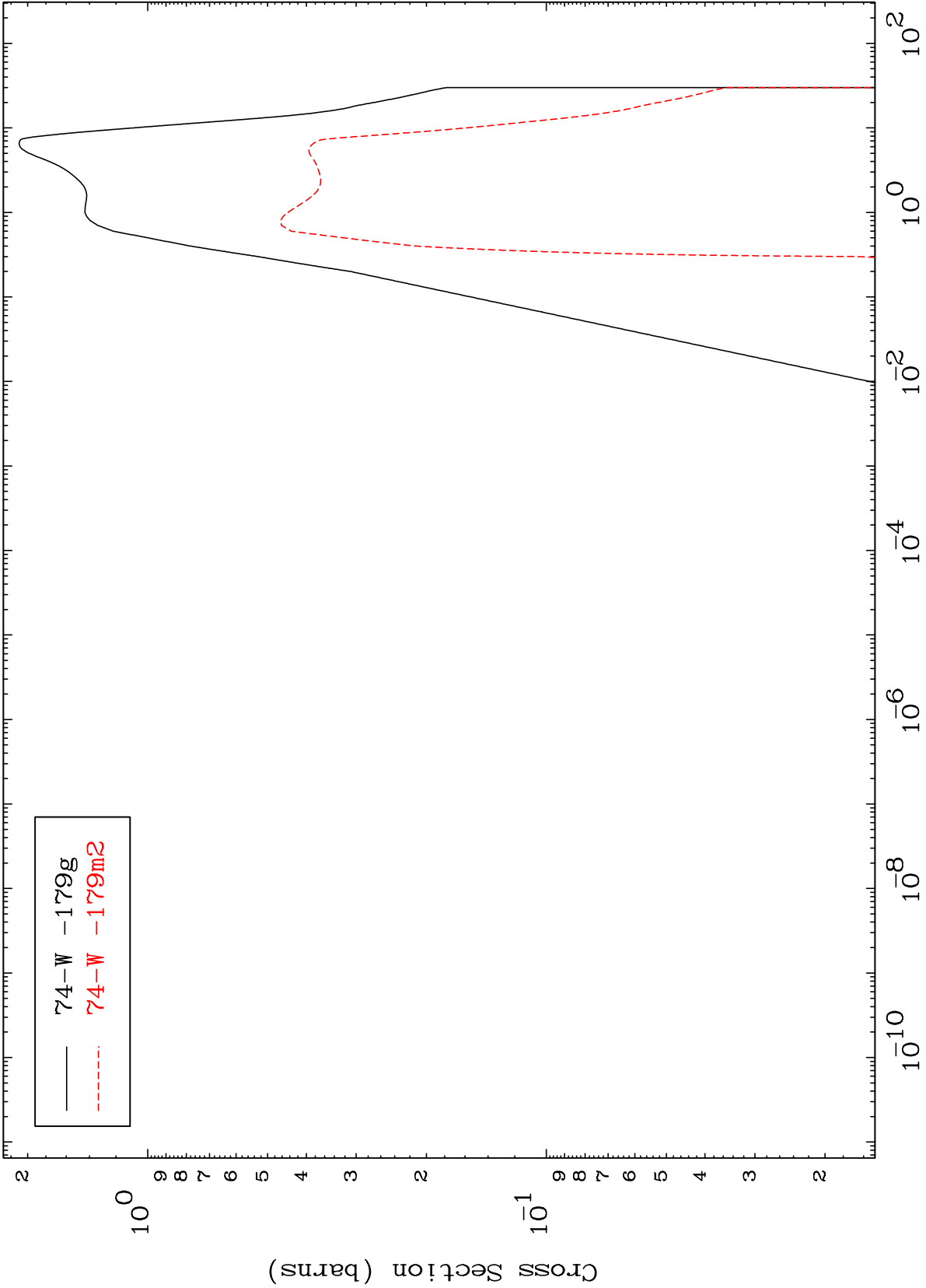
Incident Energy (MeV)

74-W -179

MAT 7422

Inelastic  
Radionuclide Production Cross Section

74-W -179



79

Incident Energy (MeV)

74-W -179

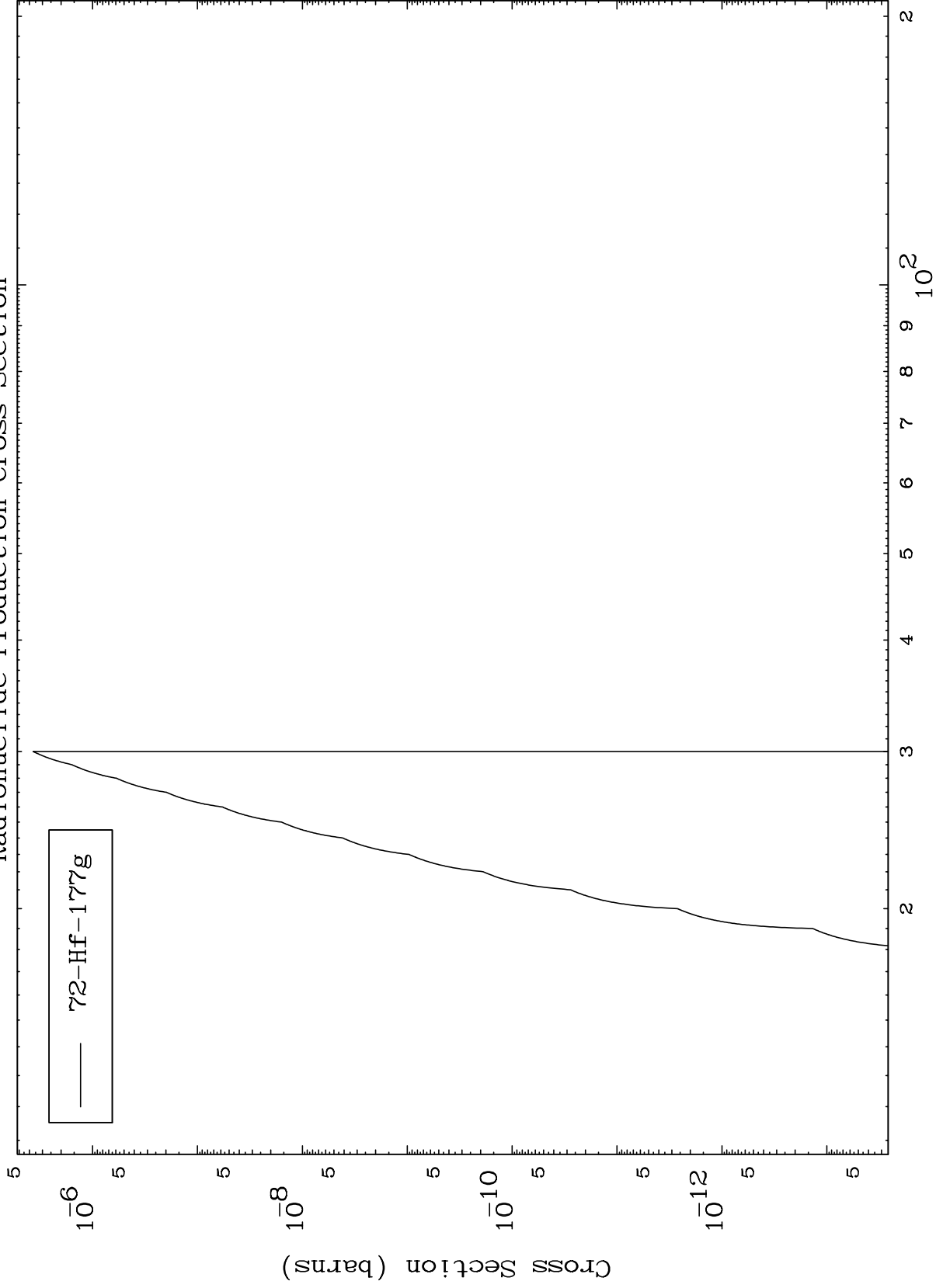


MAT 7422

(n,2n) p

74-W -179

Radionuclide Production Cross Section

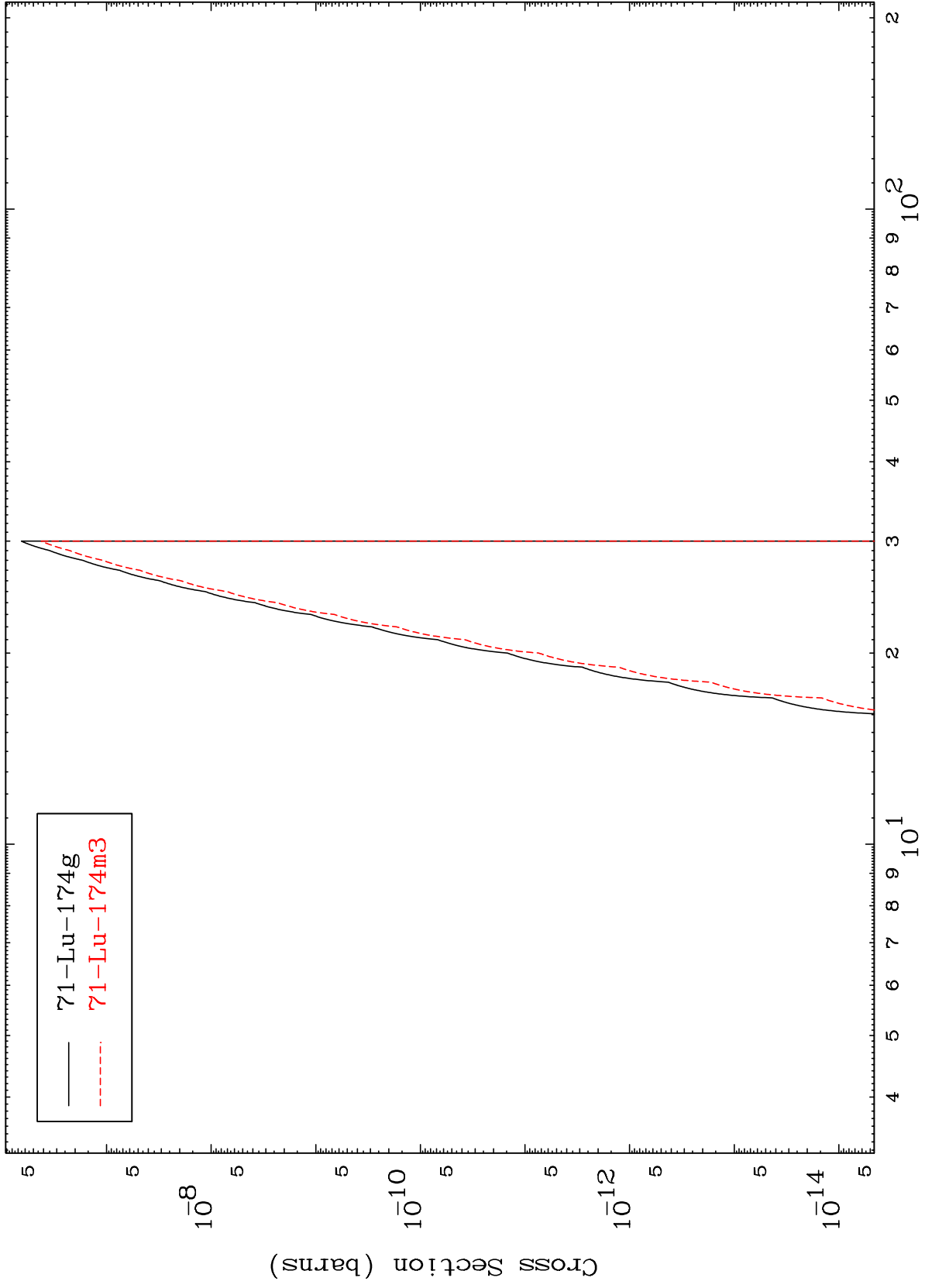


80

Incident Energy (MeV)

74-W -179

Radionuclide Production Cross Section

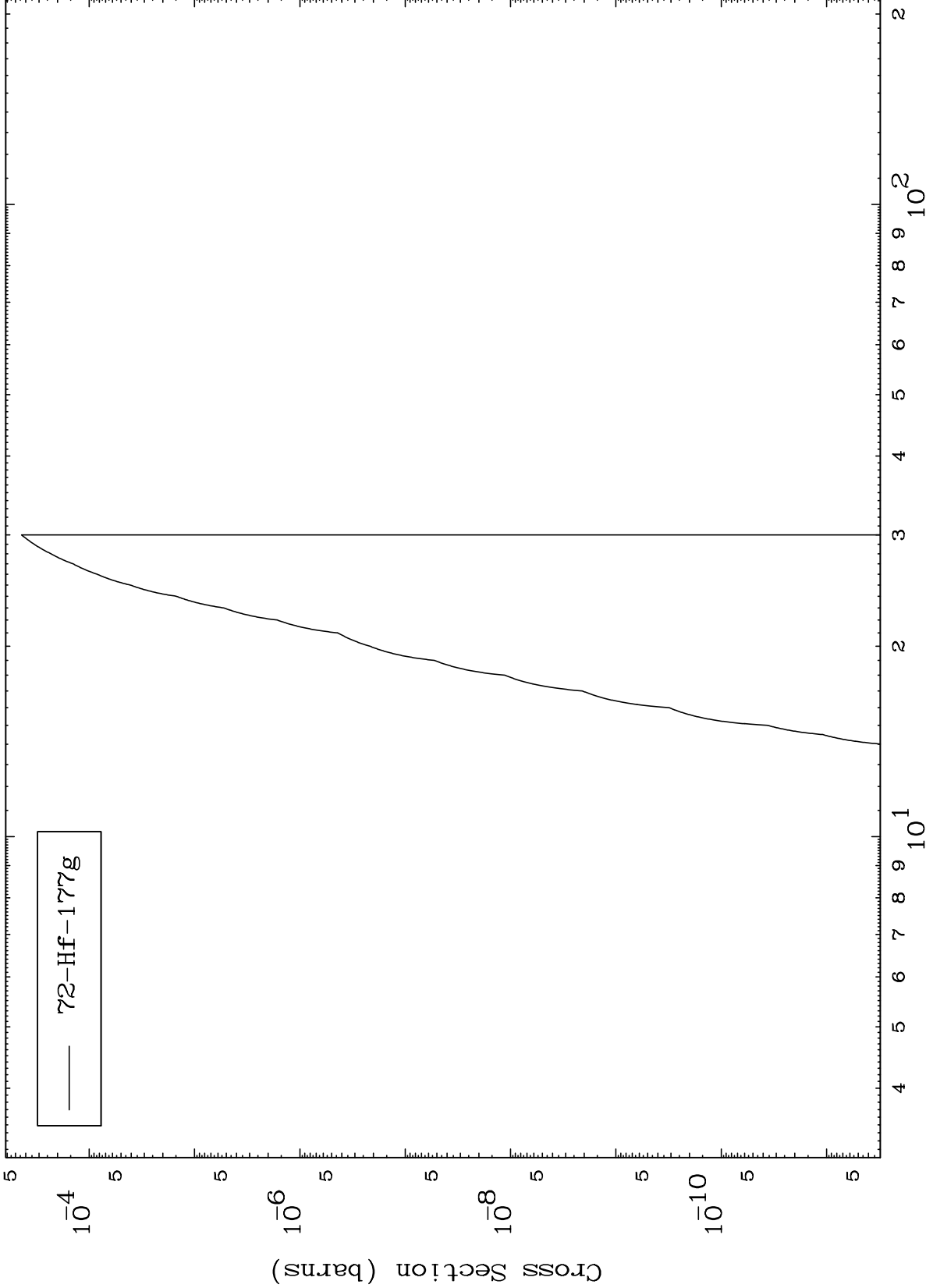


MAT 7422

(n,He-3)

74-W -179

Radionuclide Production Cross Section



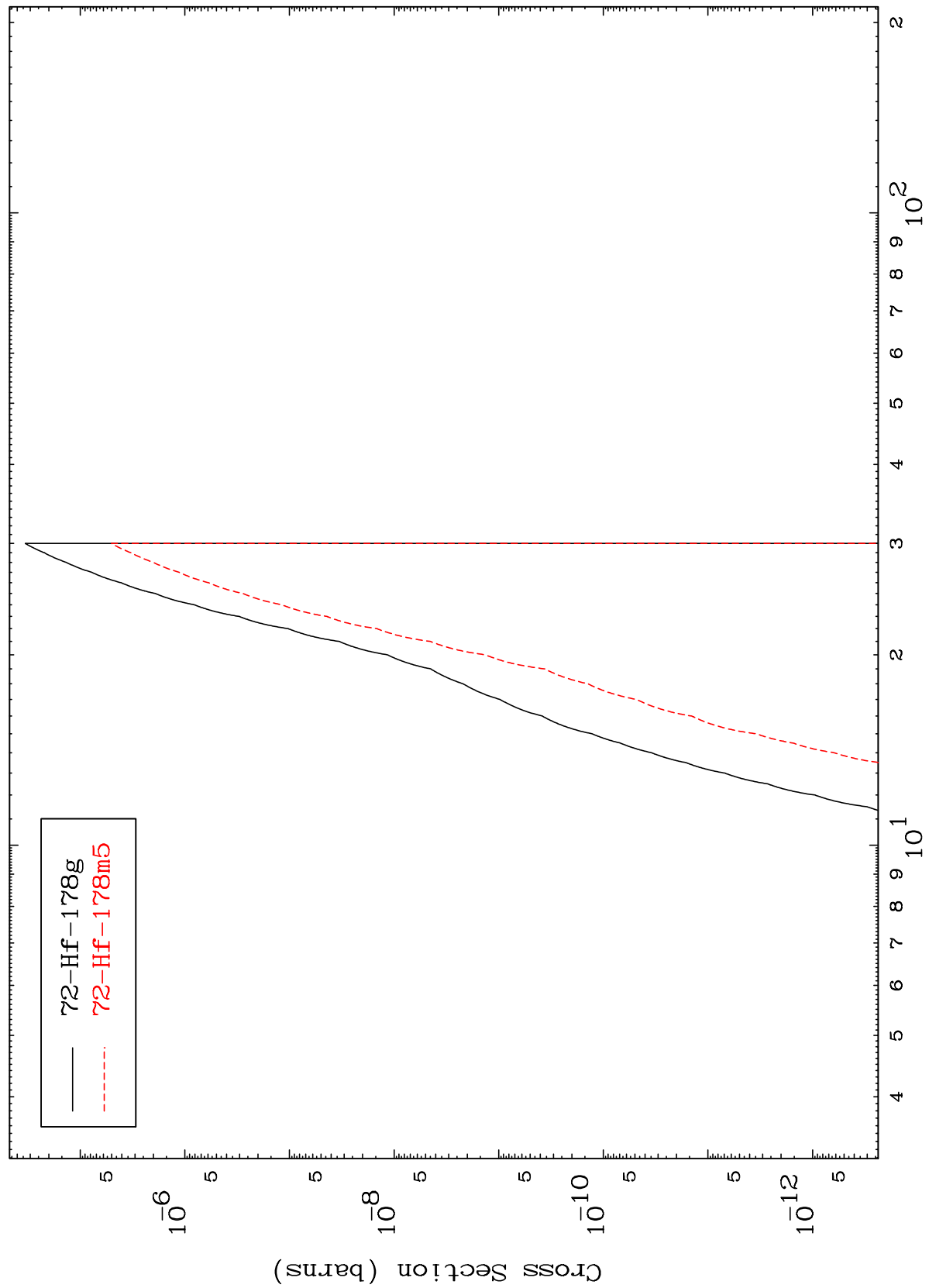
72-Hf-177g

82

Incident Energy (MeV)

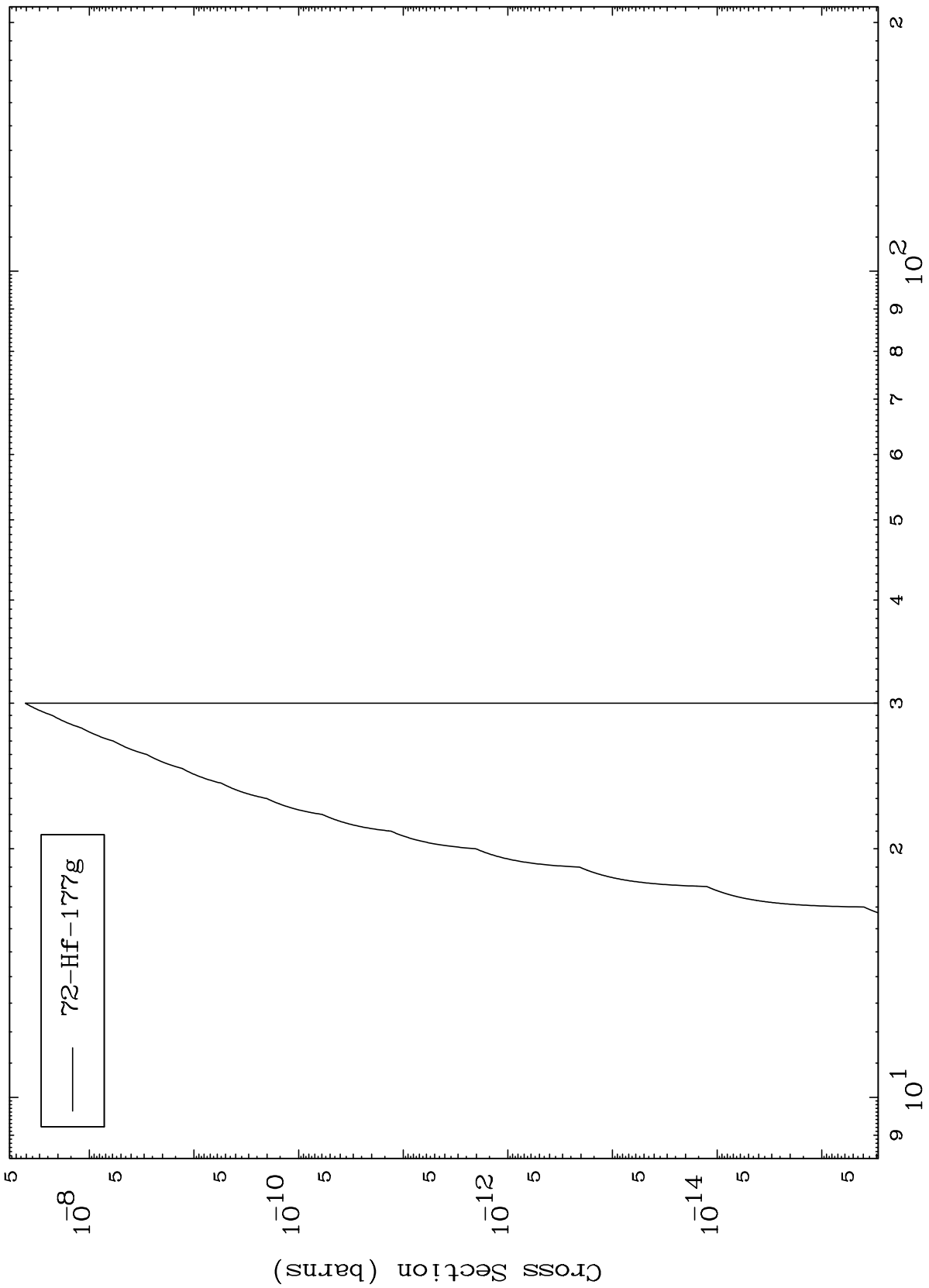
74-W -179

(n,2p)  
Radionuclide Production Cross Section



— 72-Hf-178g  
- - - 72-Hf-178m5

Radionuclide Production Cross Section

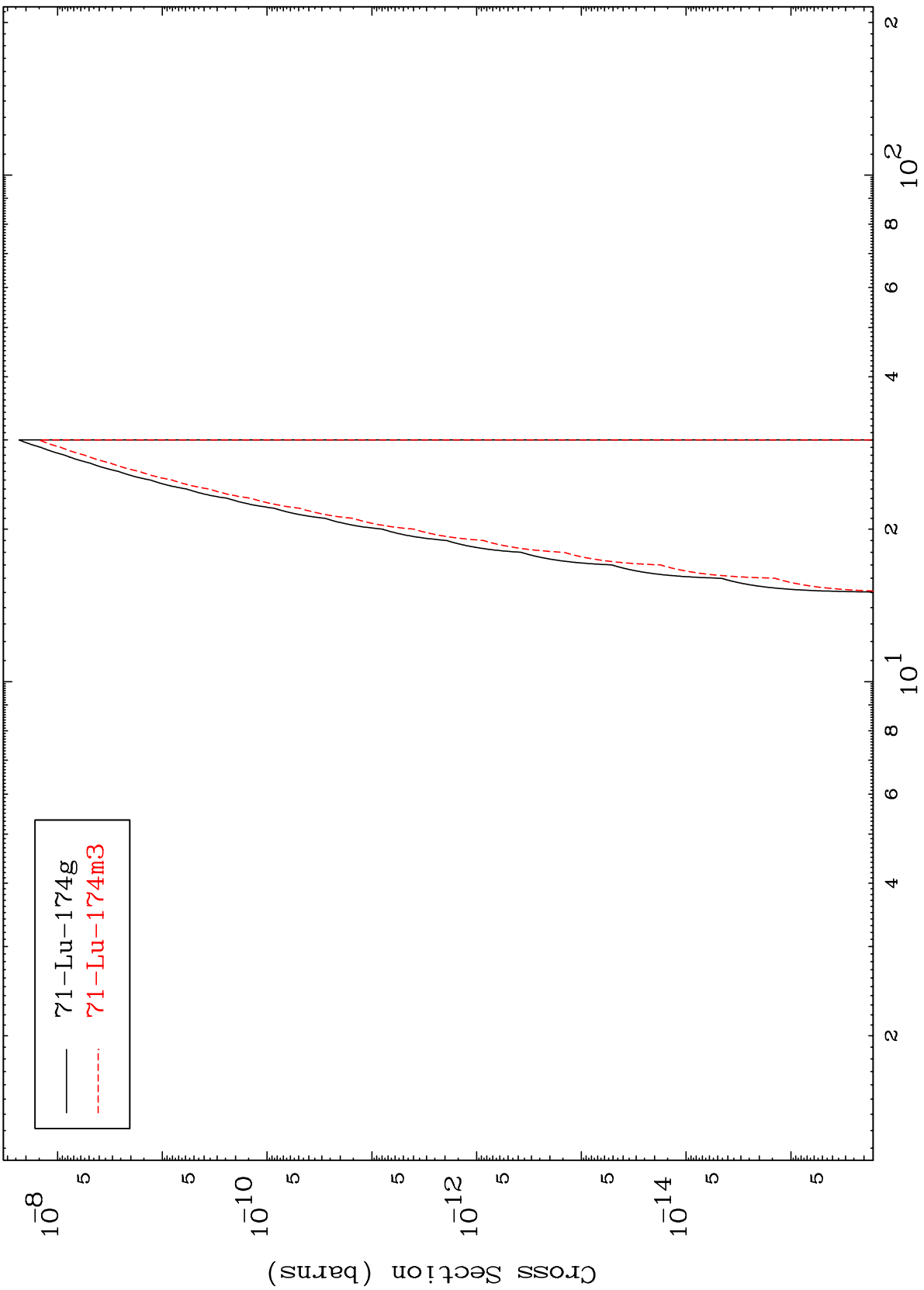


MAT 7422

(n,d)  $\alpha$

74-W -179

Radionuclide Production Cross Section



— 71-Lu-174g  
- - - 71-Lu-174m3