

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

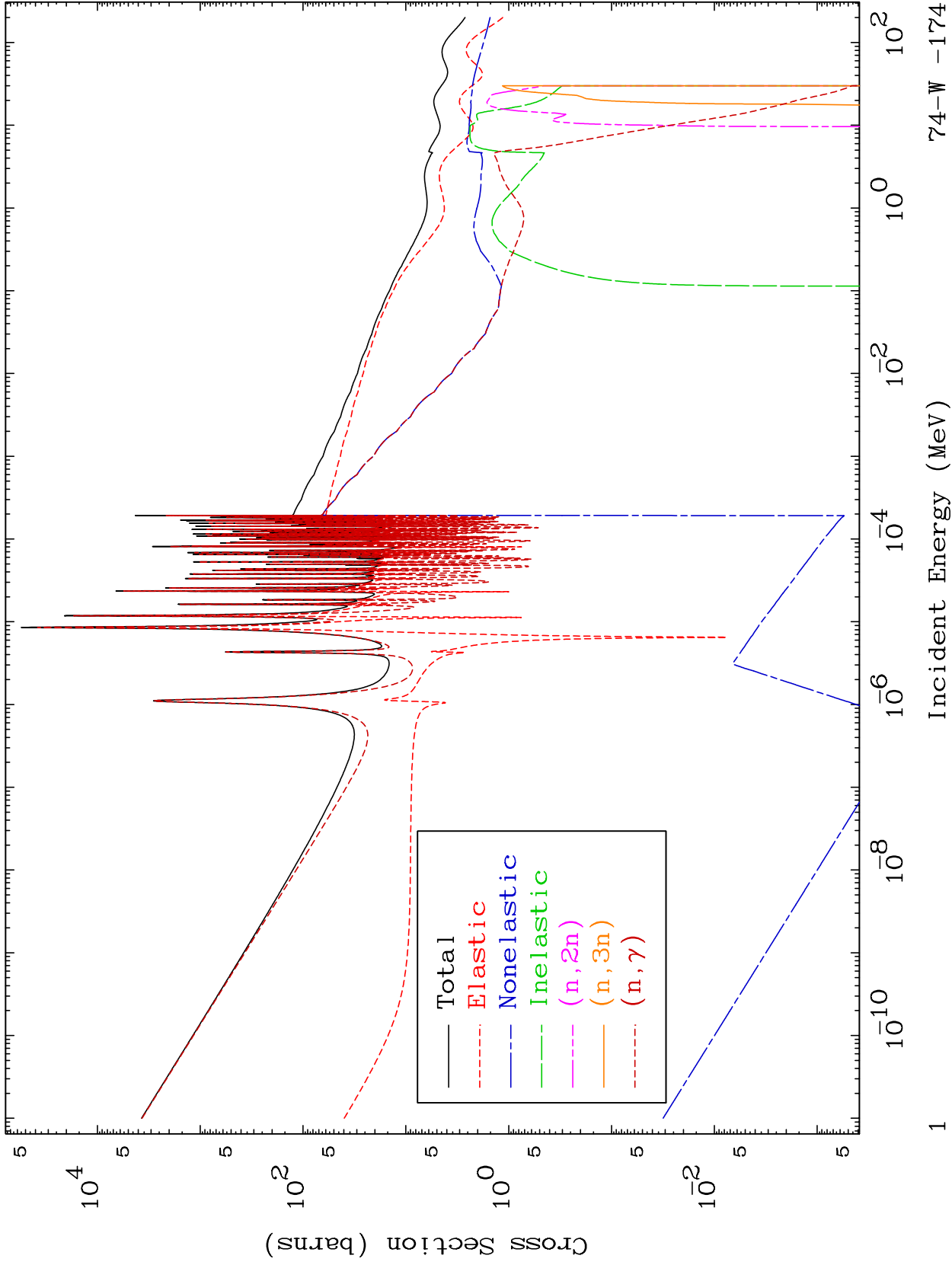
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Web:redcullen1.net/HOMEPAGE.NEW

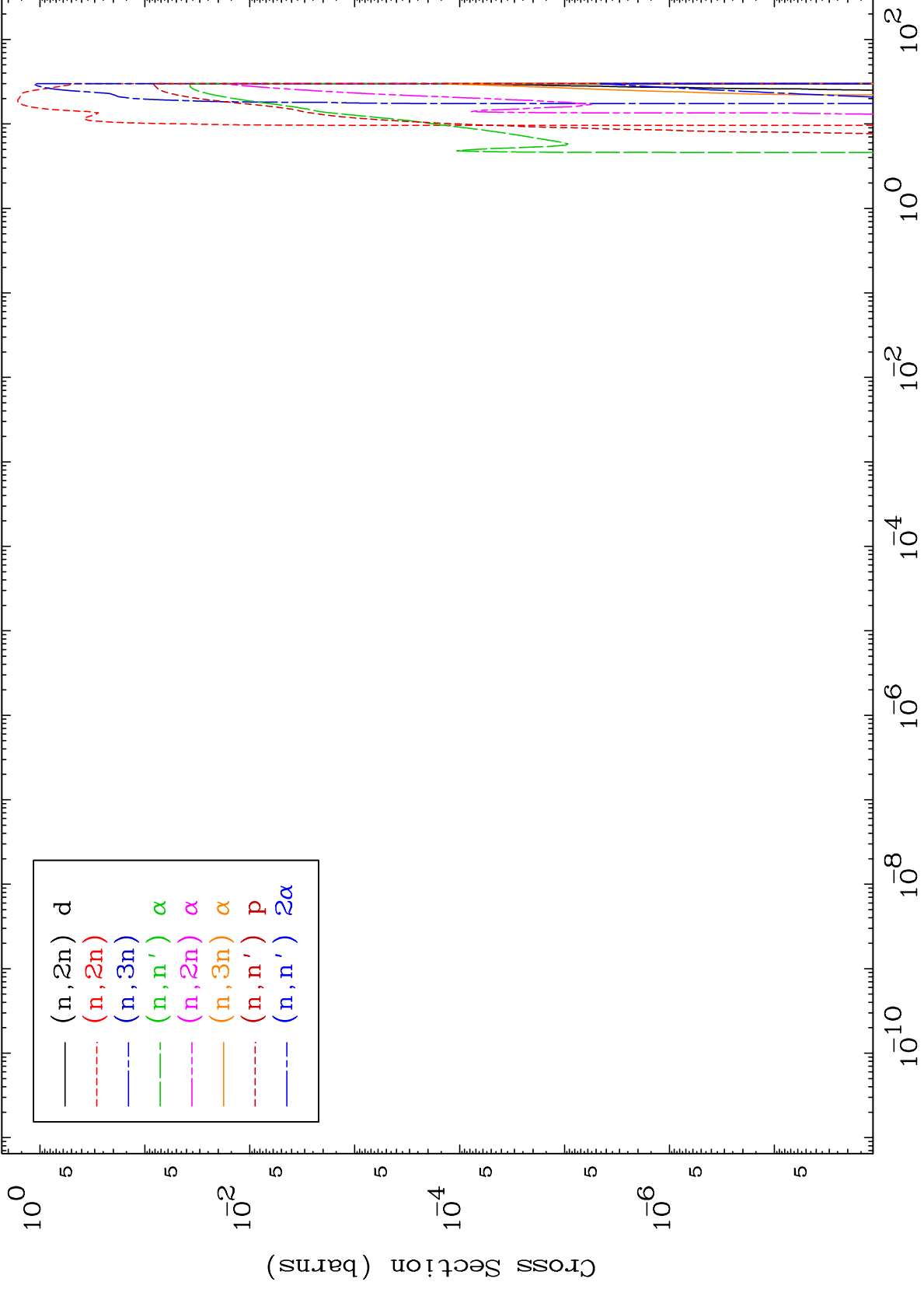
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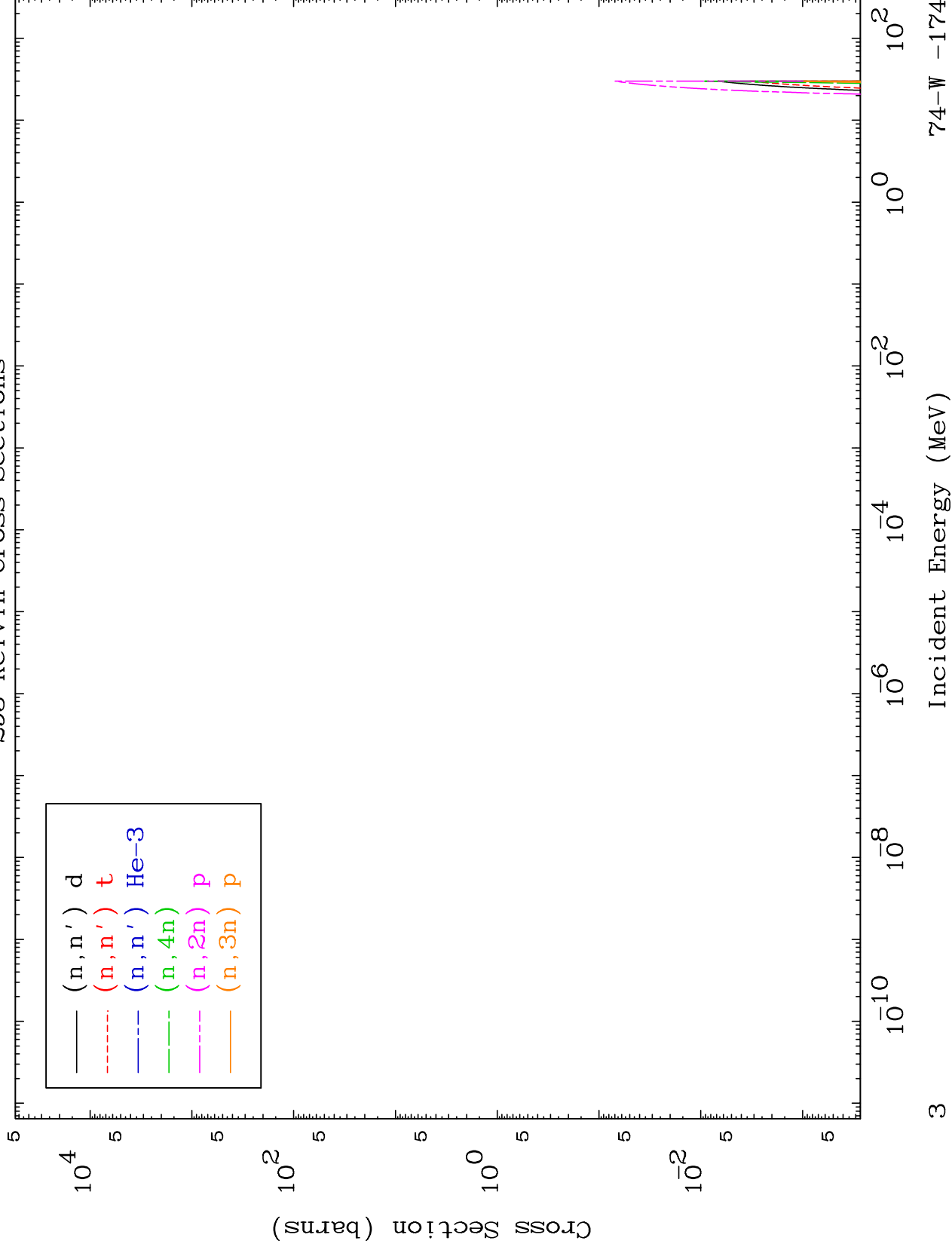


MAT 7407

Neutron Absorption
293 Kelvin Cross Sections

74-W -174

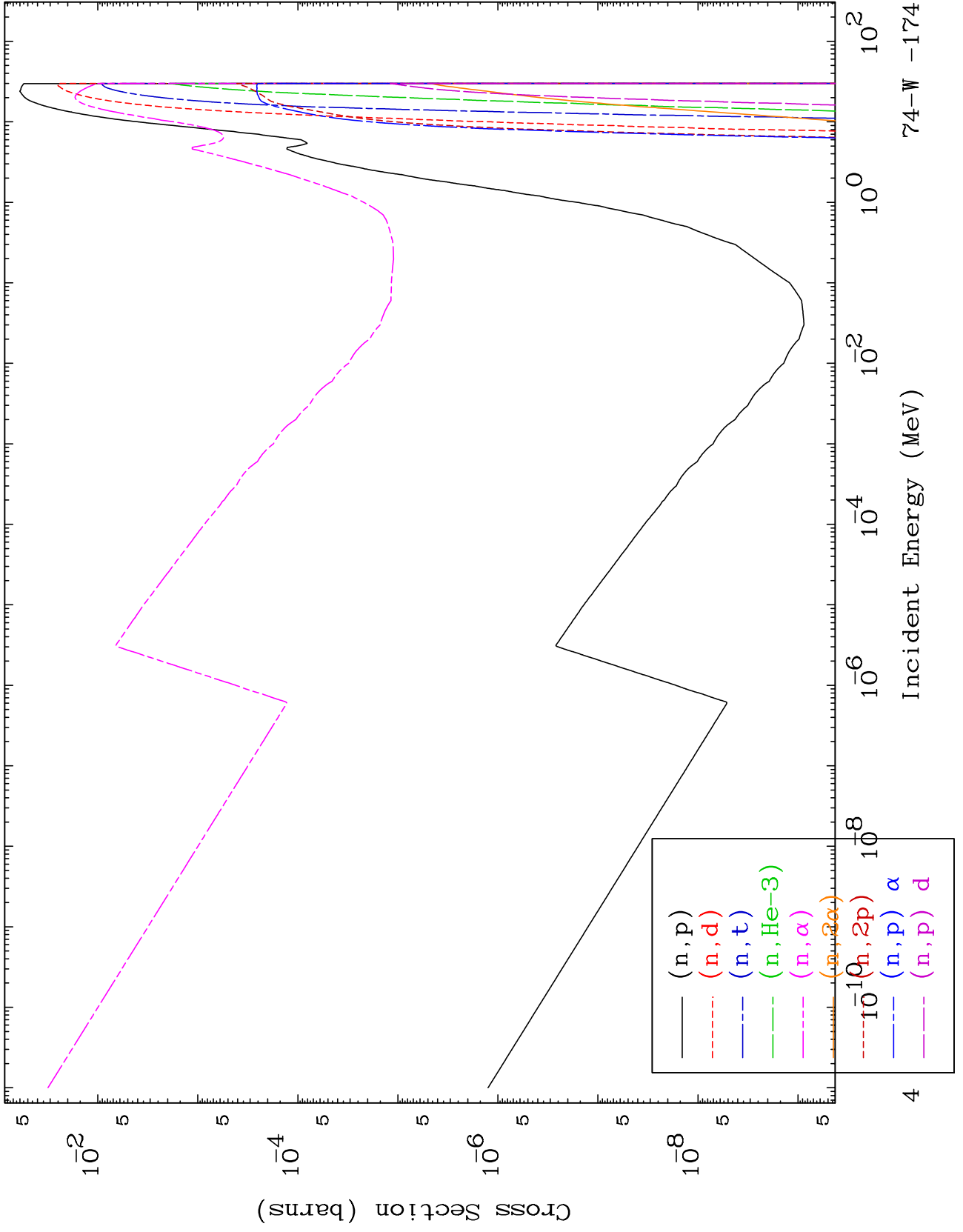


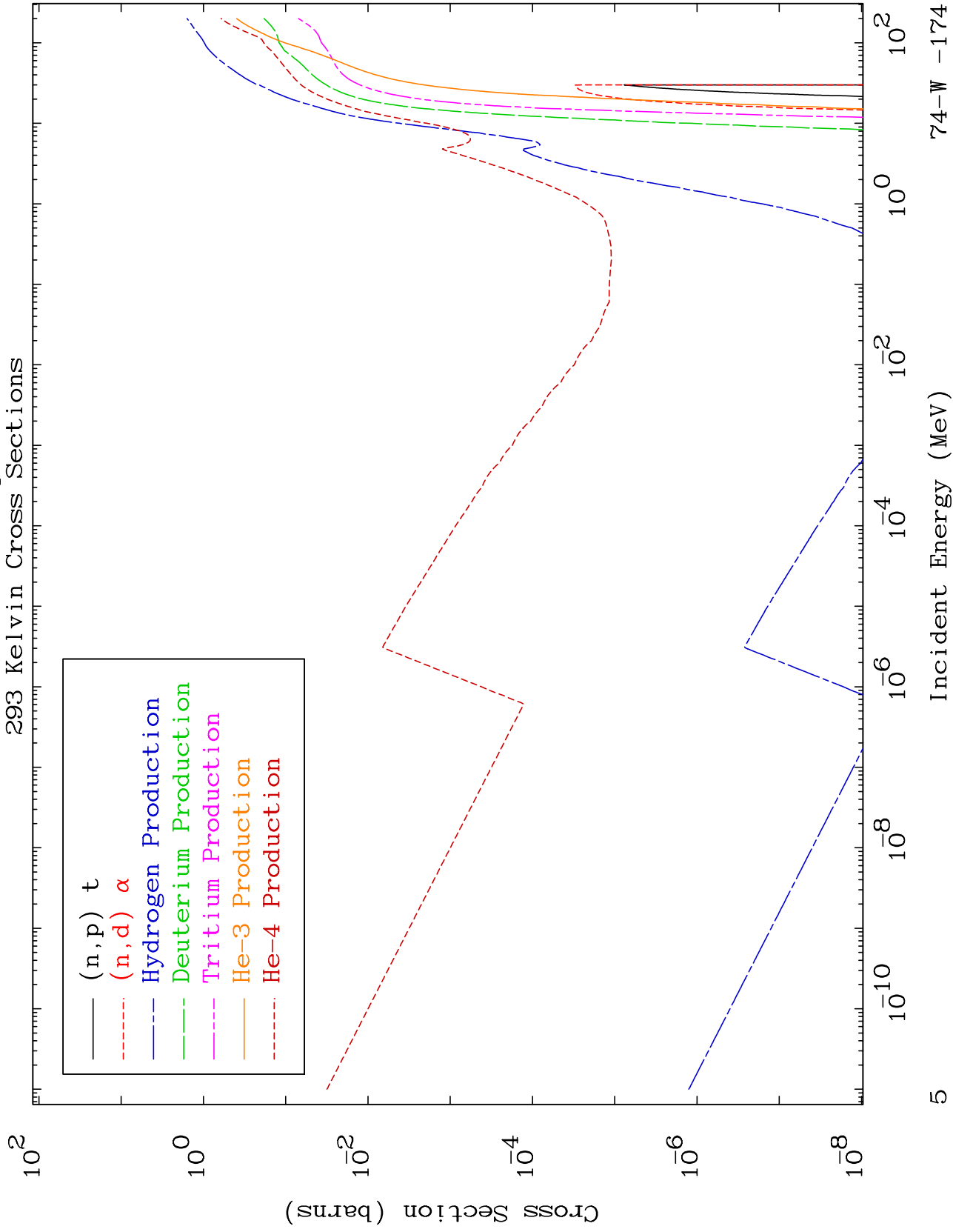


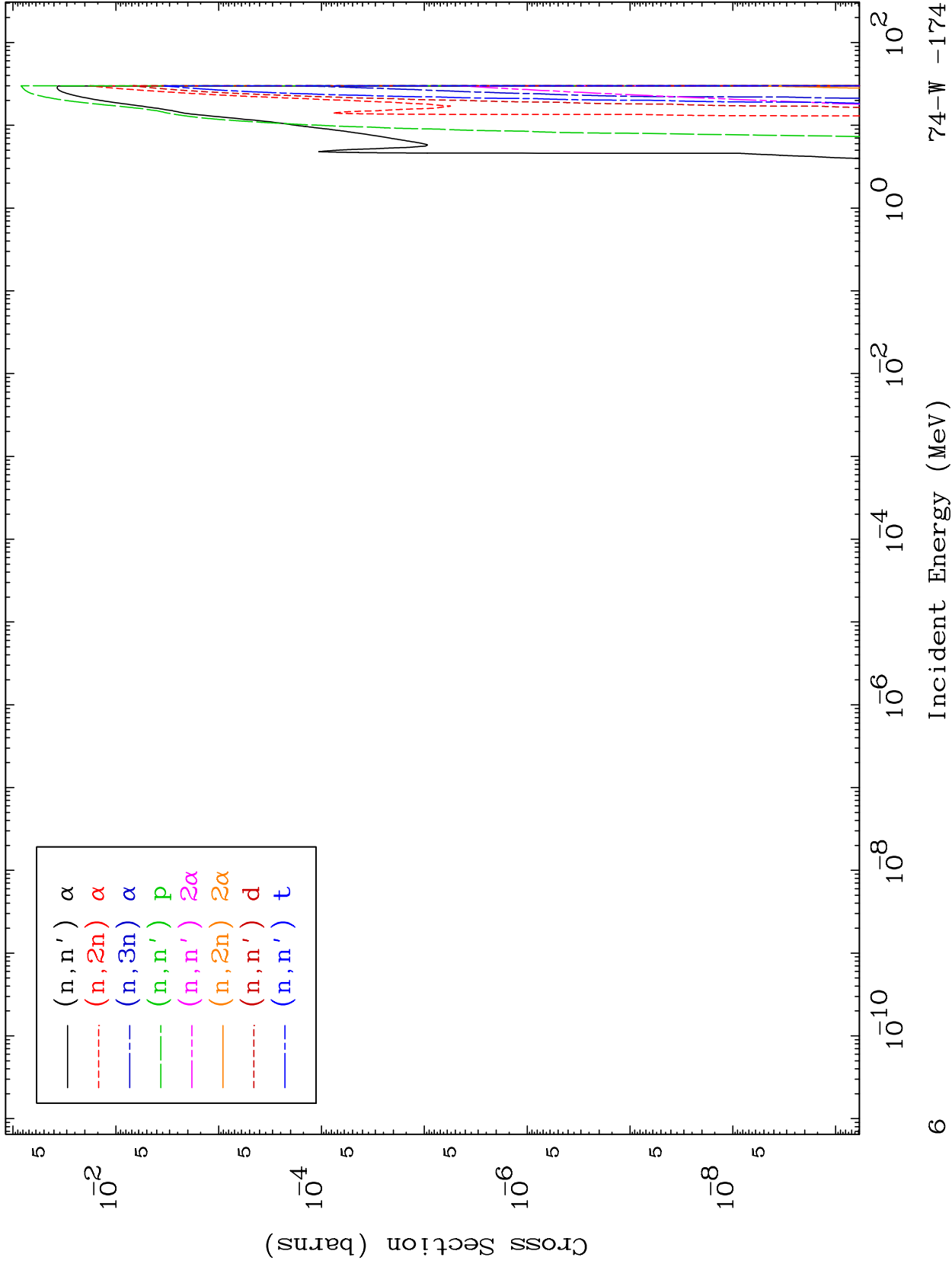
MAT 7407

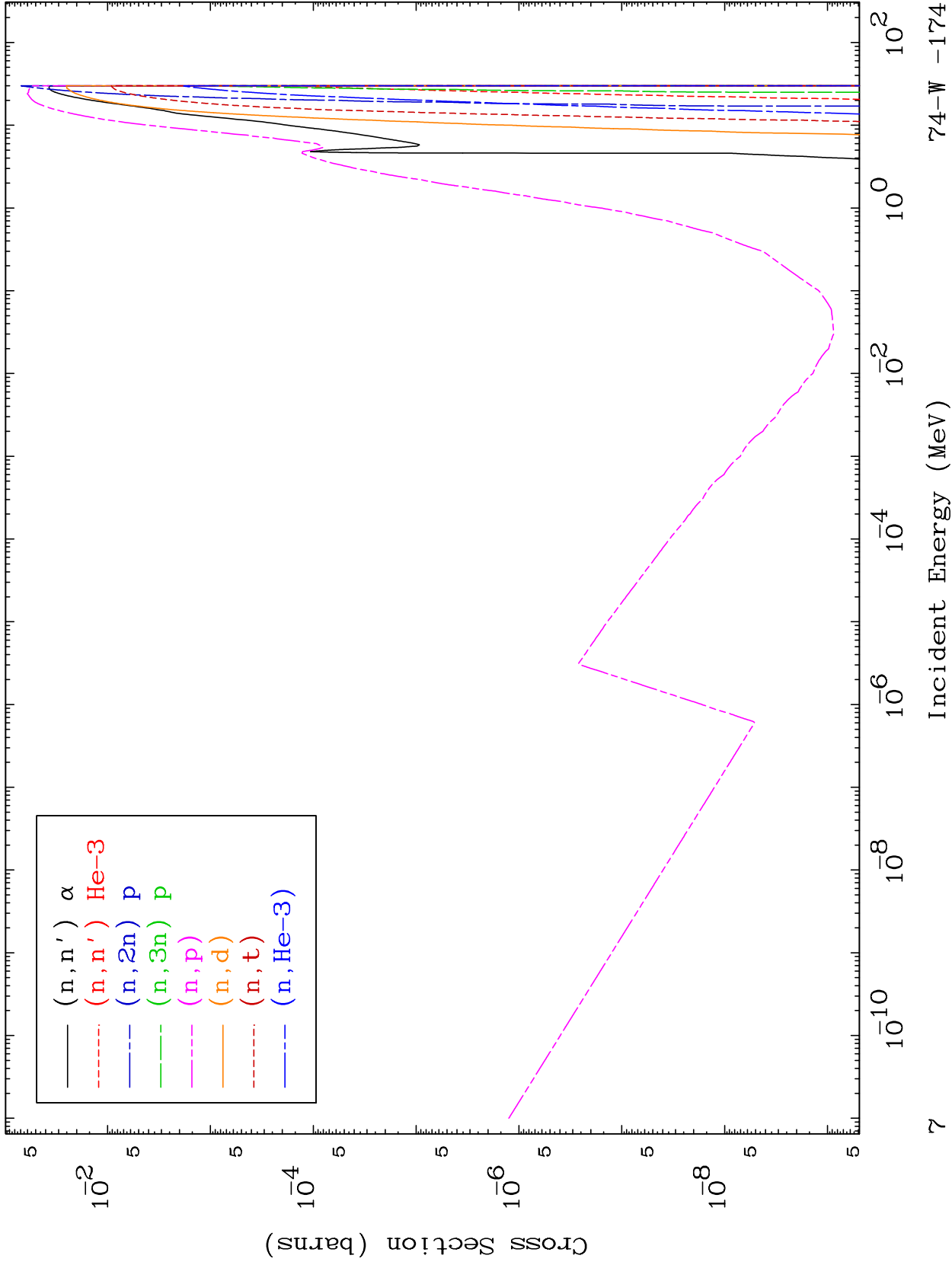
Neutron Absorption
293 Kelvin Cross Sections

74-W -174





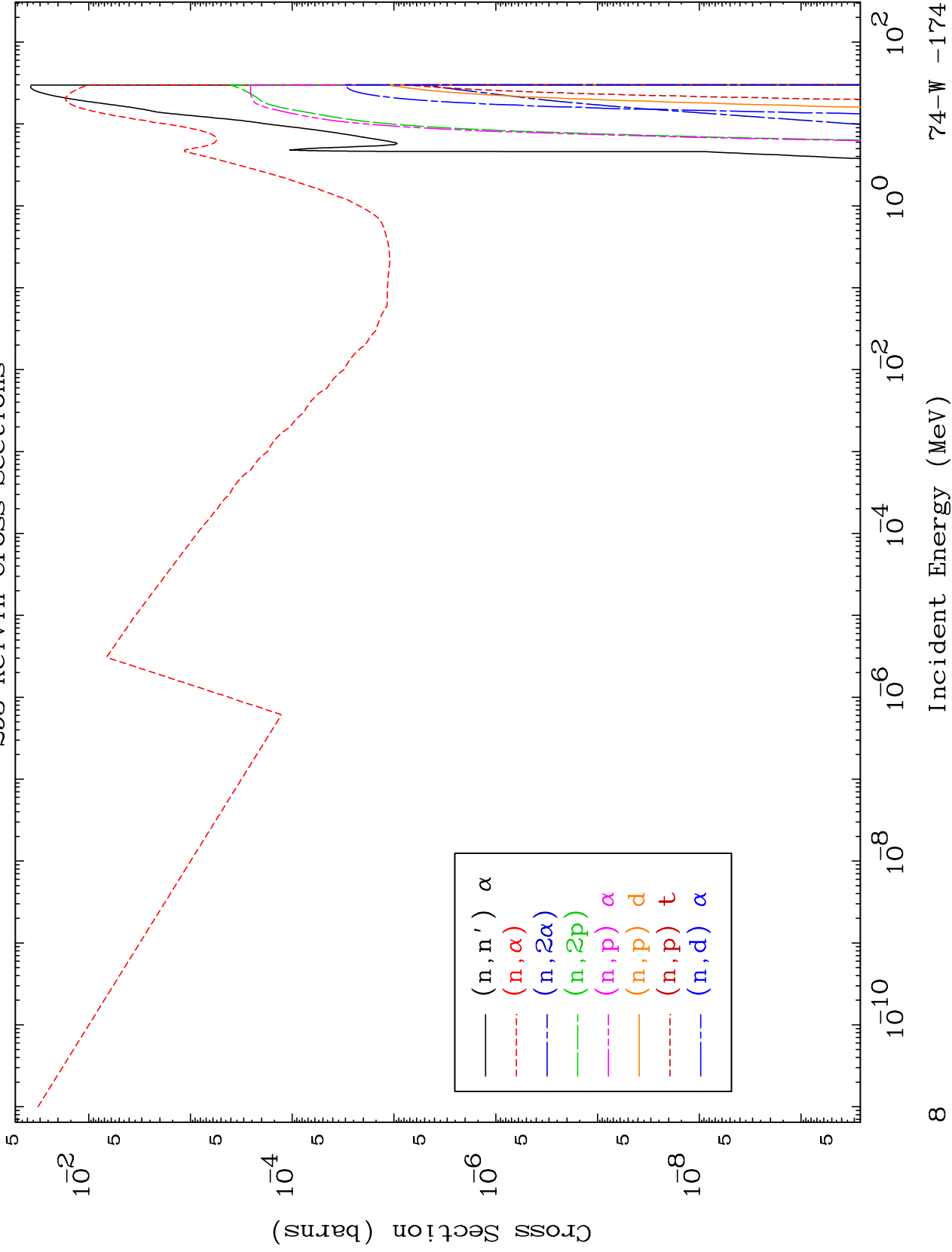


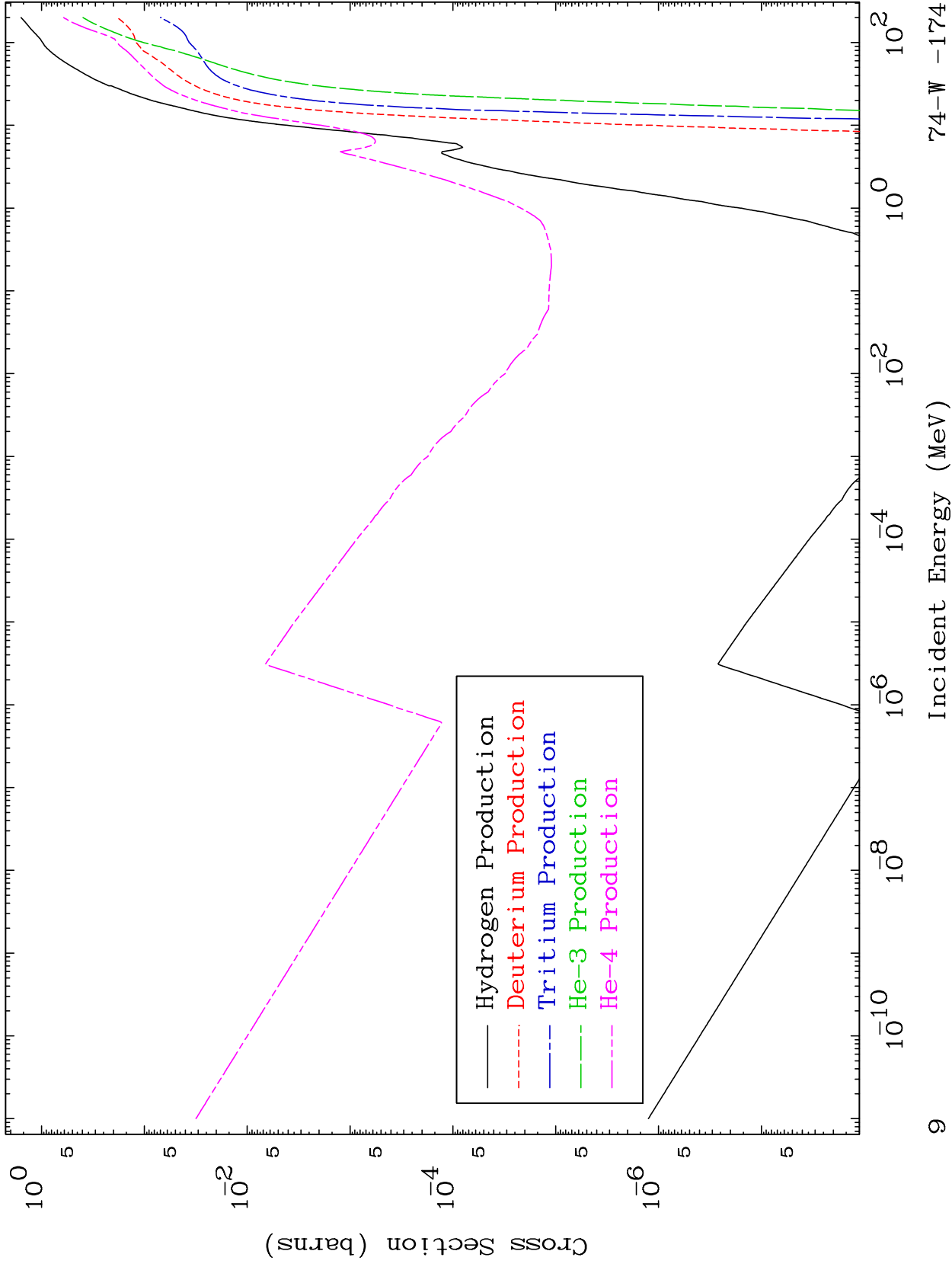


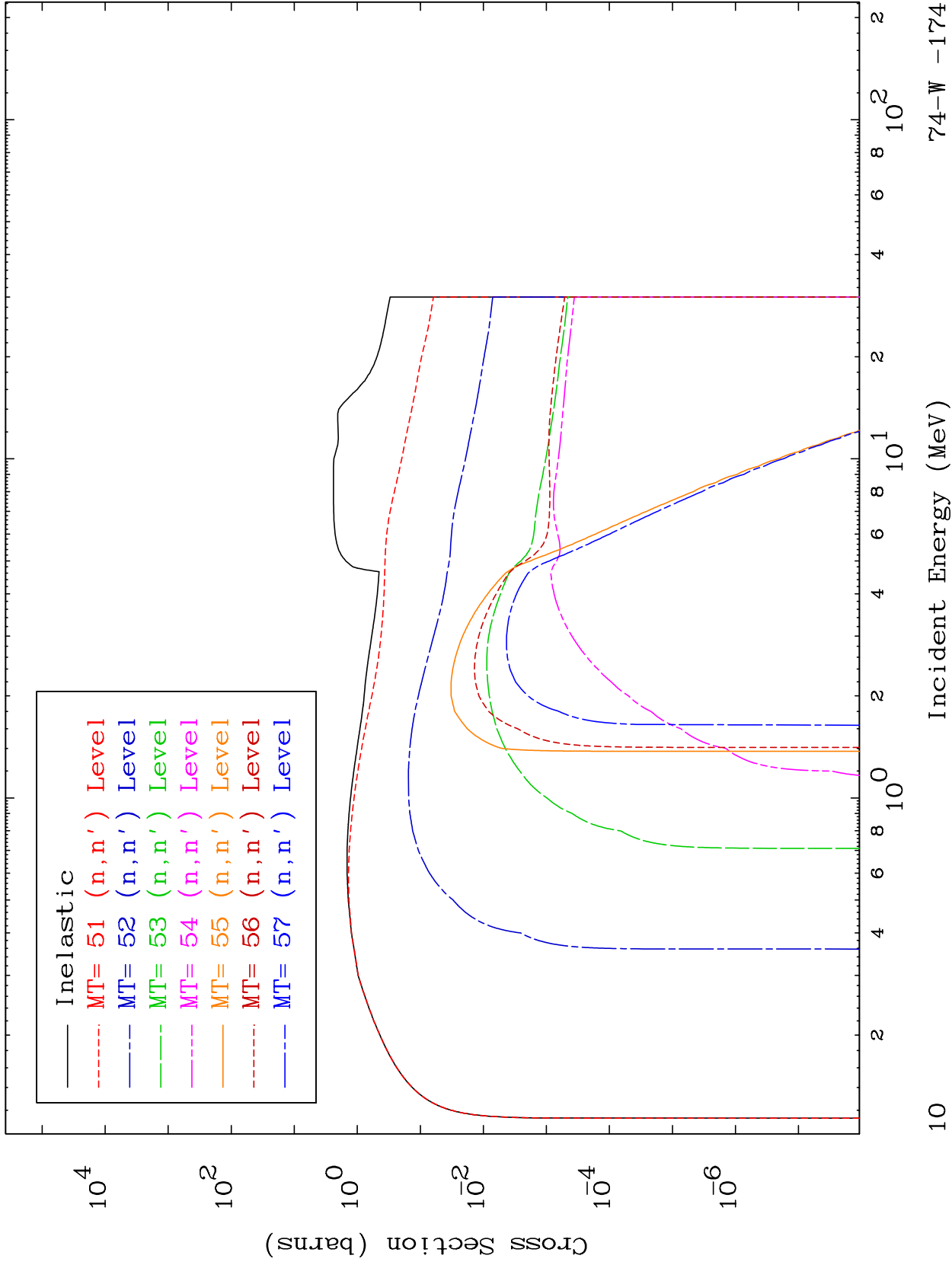
MAT 7407

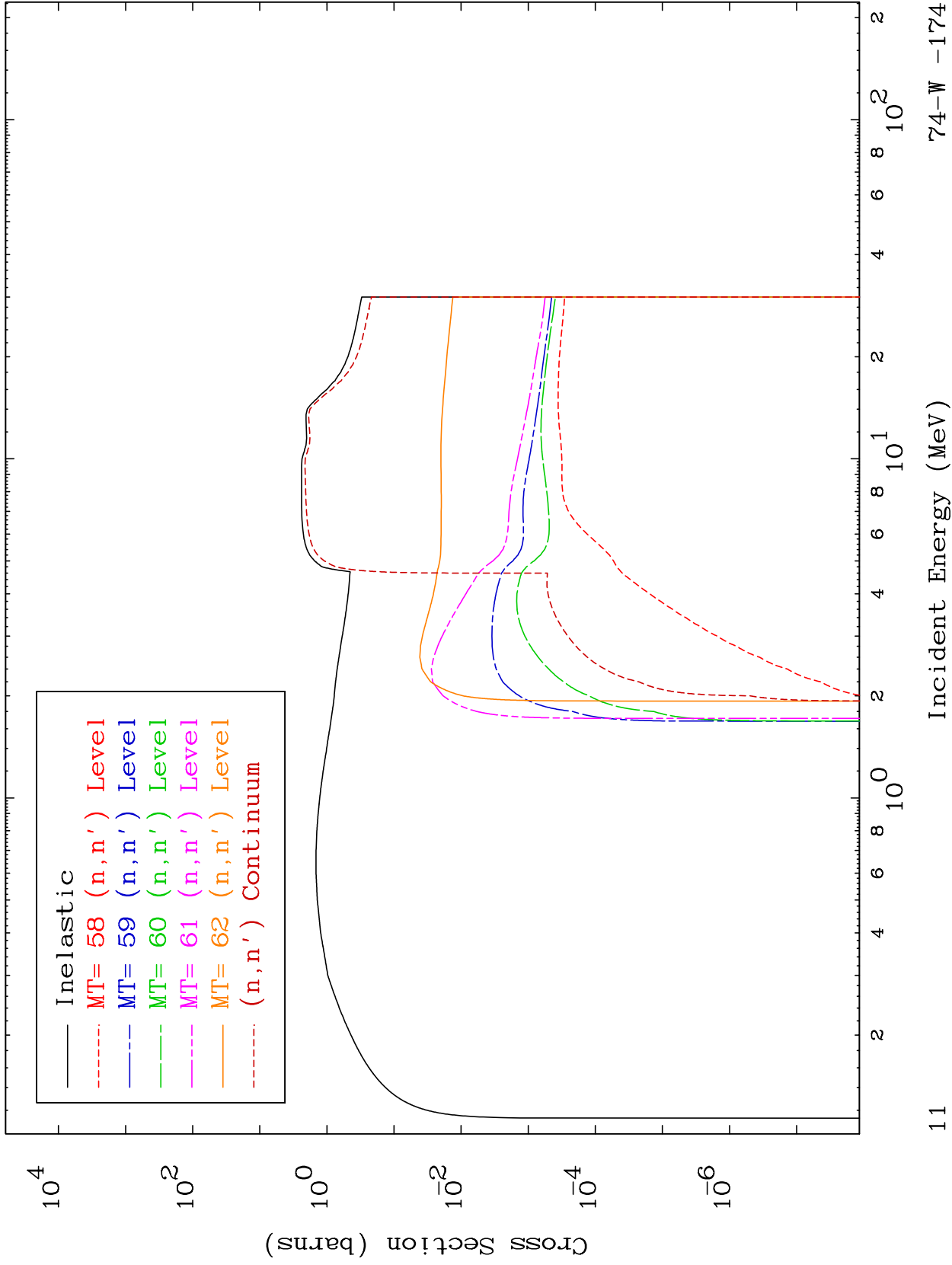
Charged Particle
293 Kelvin Cross Sections

74-W -174





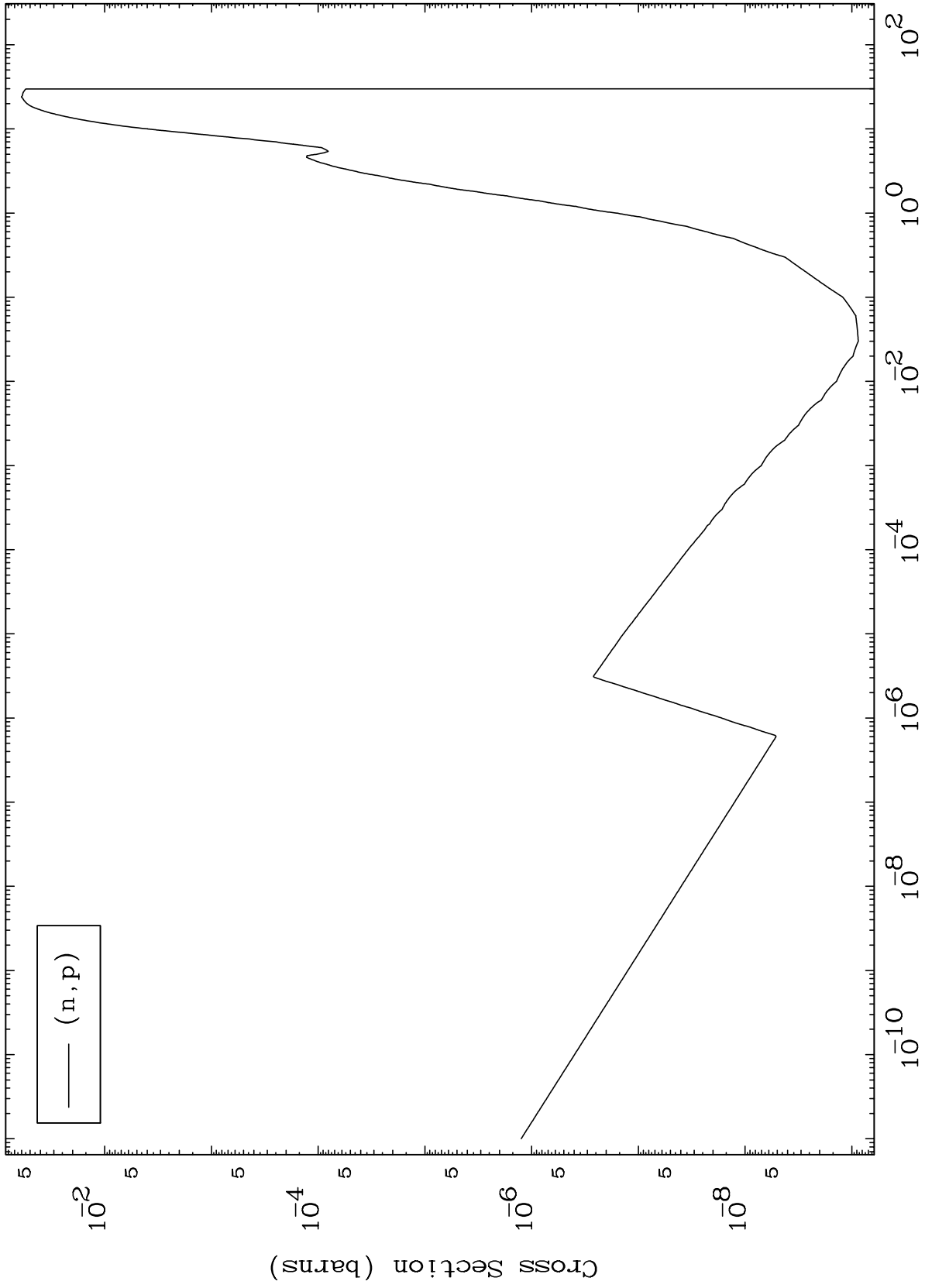




MAT 7407

(n,p) Levels
293 Kelvin Cross Sections

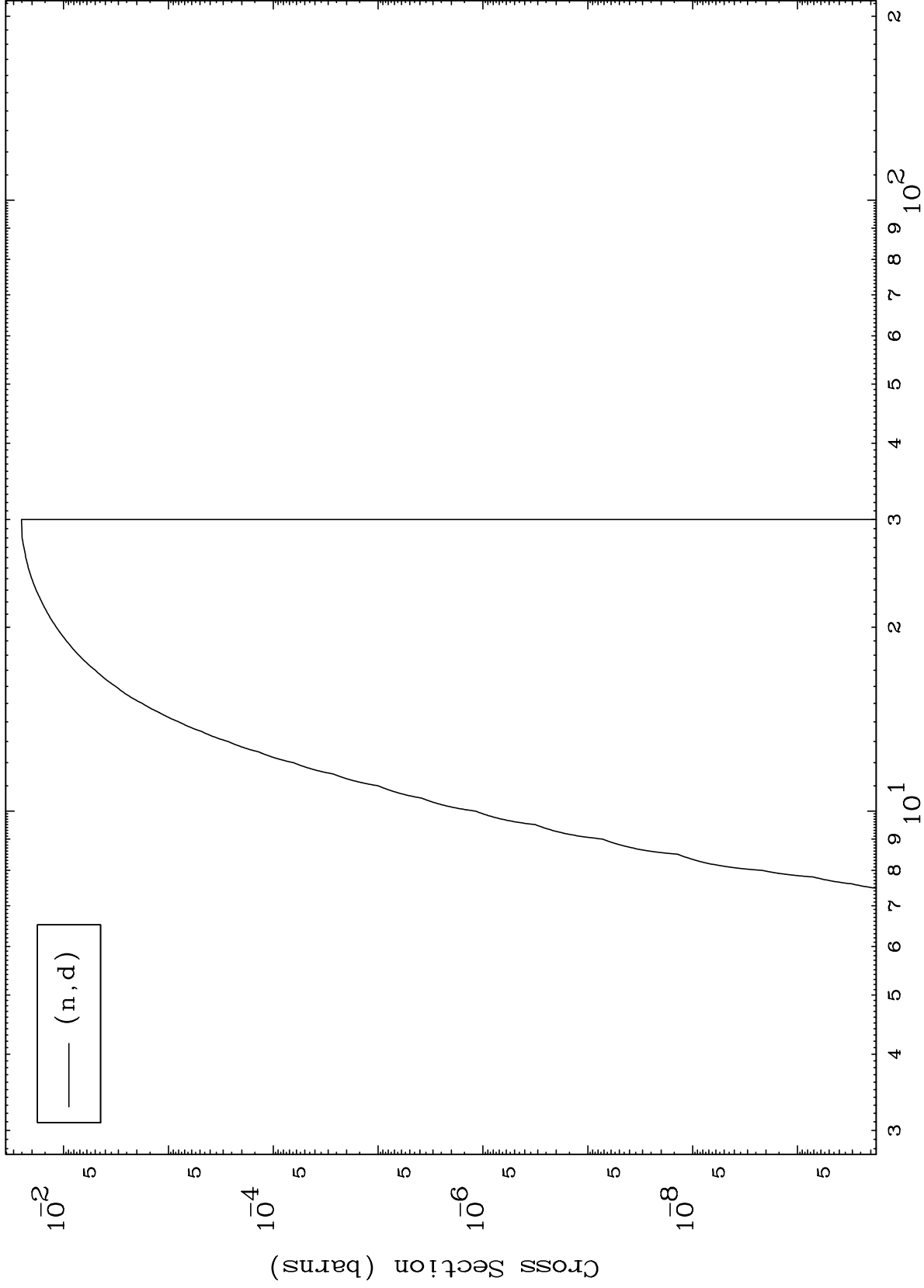
74-W -174



12

Incident Energy (MeV)

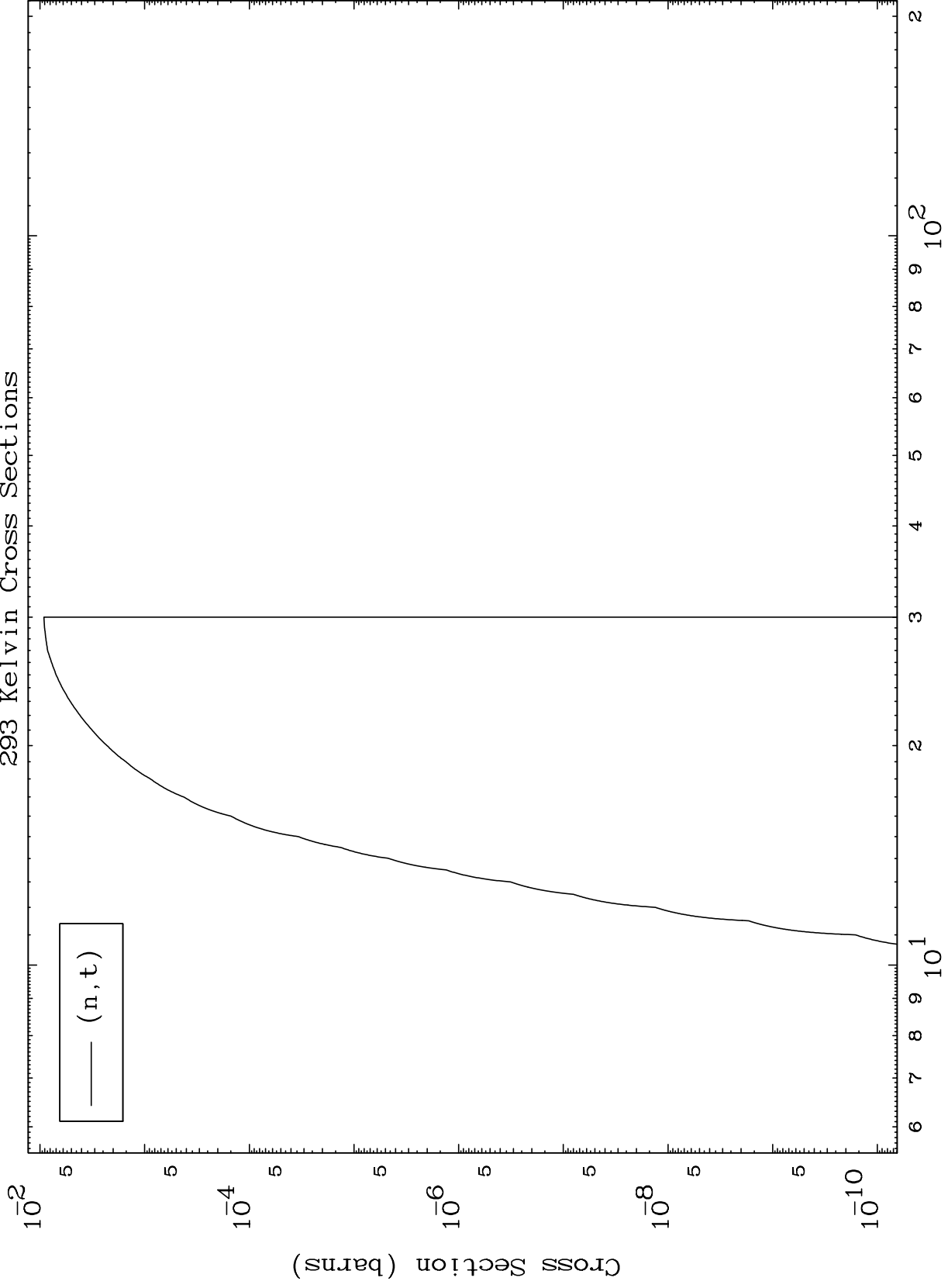
74-W -174



MAT 7407

(n, t) Levels
293 Kelvin Cross Sections

74-W -174



14

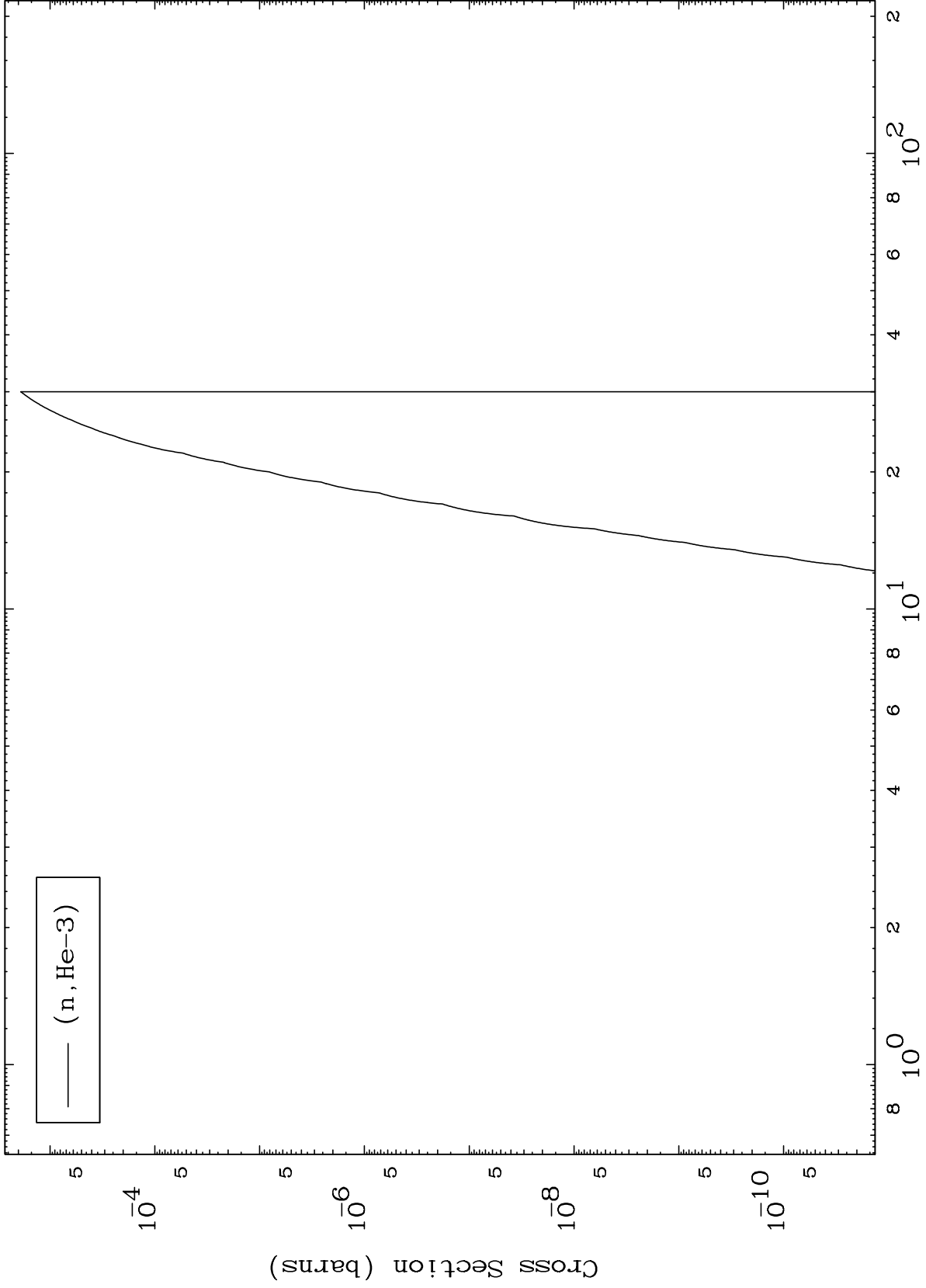
Incident Energy (MeV)

74-W -174

MAT 7407

(n,He3) Levels
293 Kelvin Cross Sections

74-W -174



15

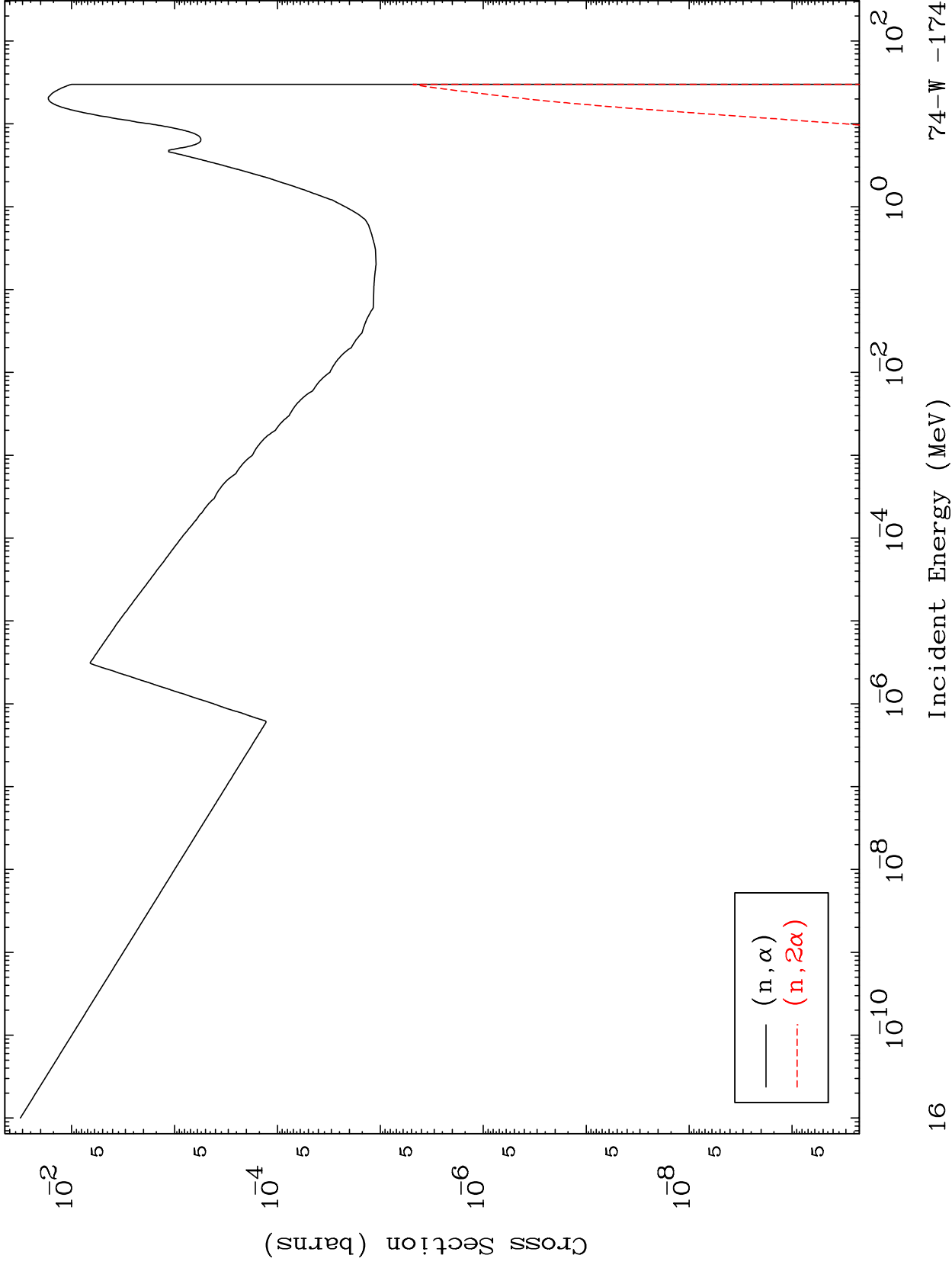
Incident Energy (MeV)

74-W -174

MAT 7407

(n, α) Levels
293 Kelvin Cross Sections

74-W -174



16

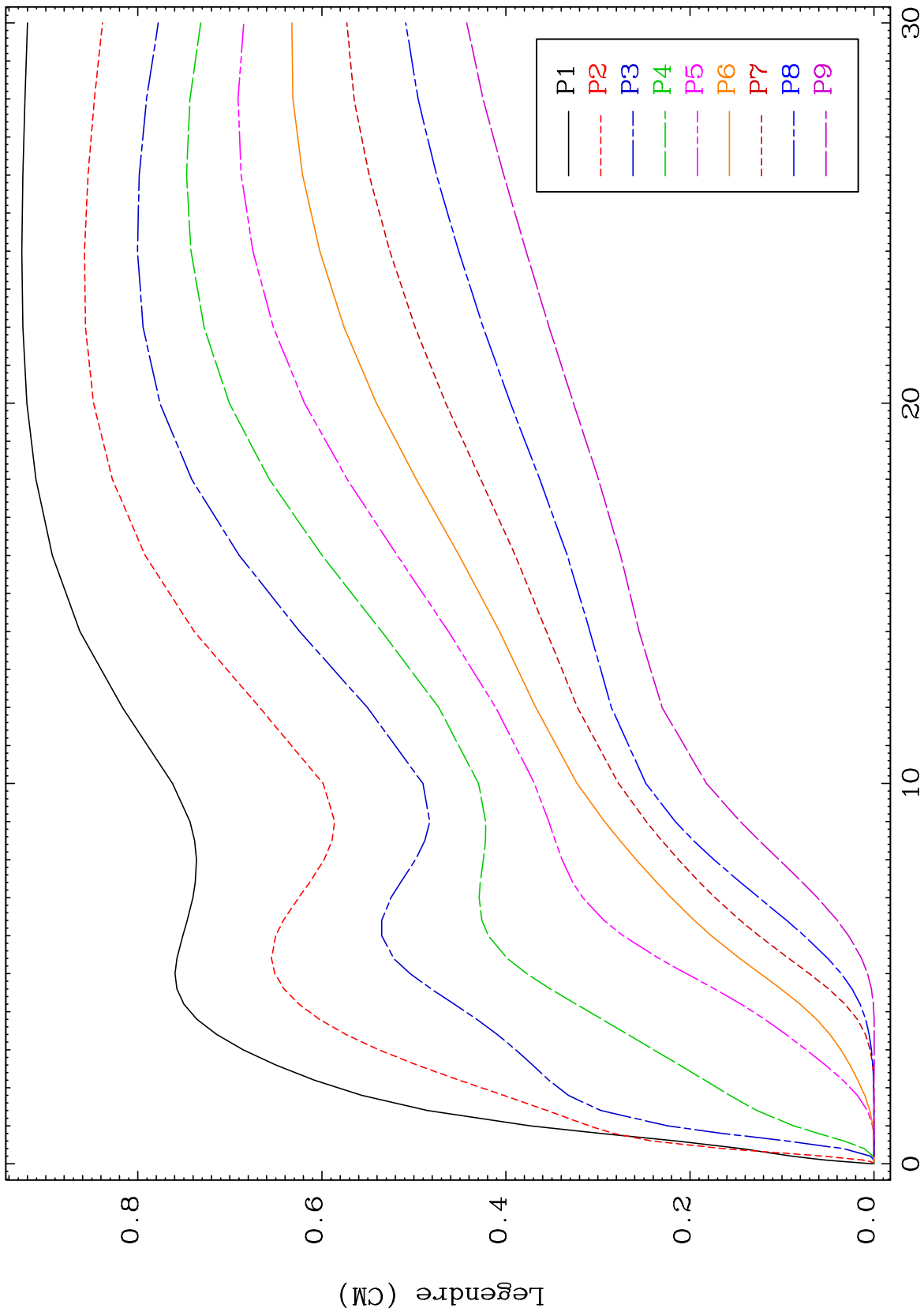
Incident Energy (MeV)

74-W -174

MAT 7407

74-W -174

Elastic Legendre Coefficients



74-W -174

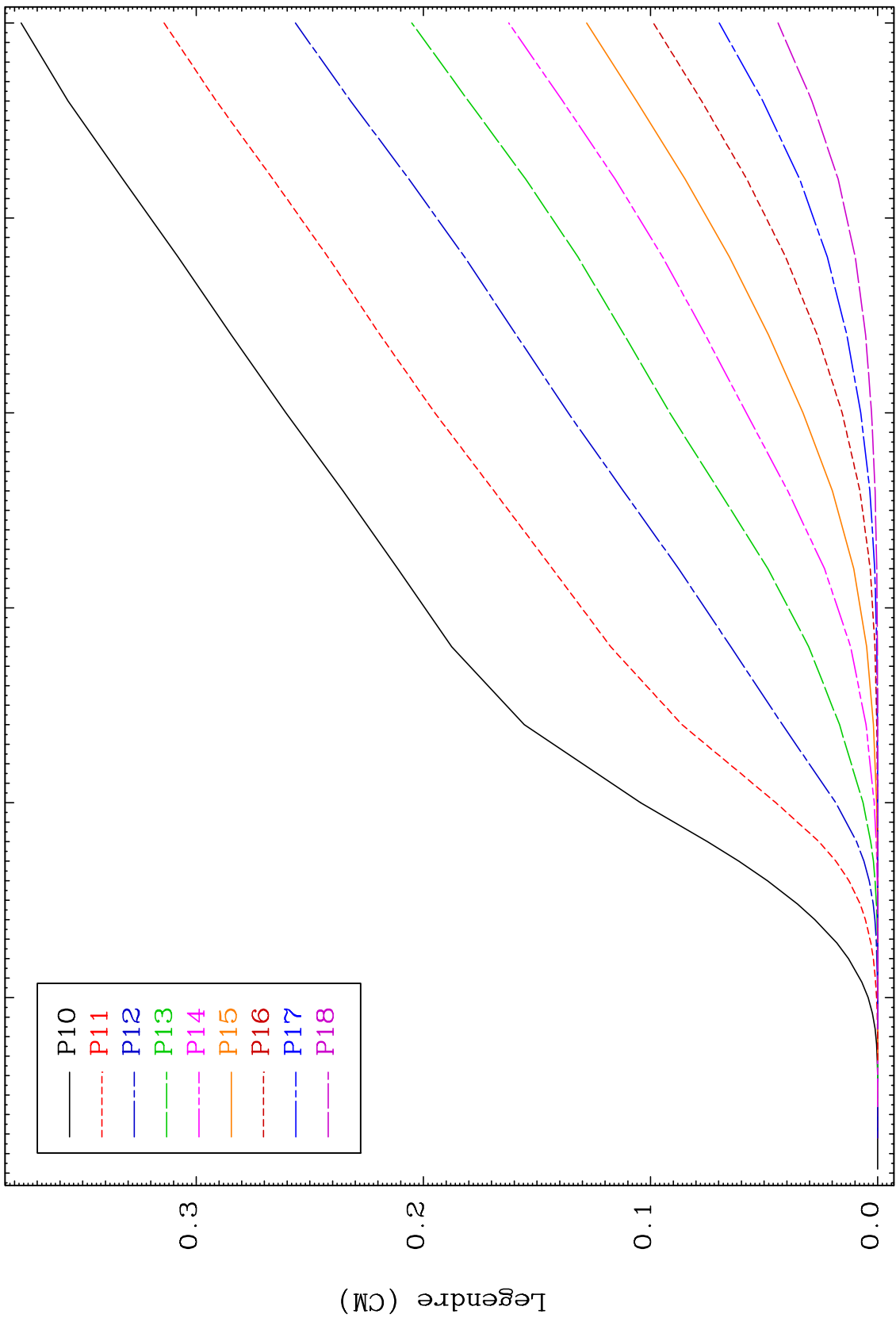
Incident Energy (MeV)

17

MAT 7407

Elastic Legendre Coefficients

74-W -174

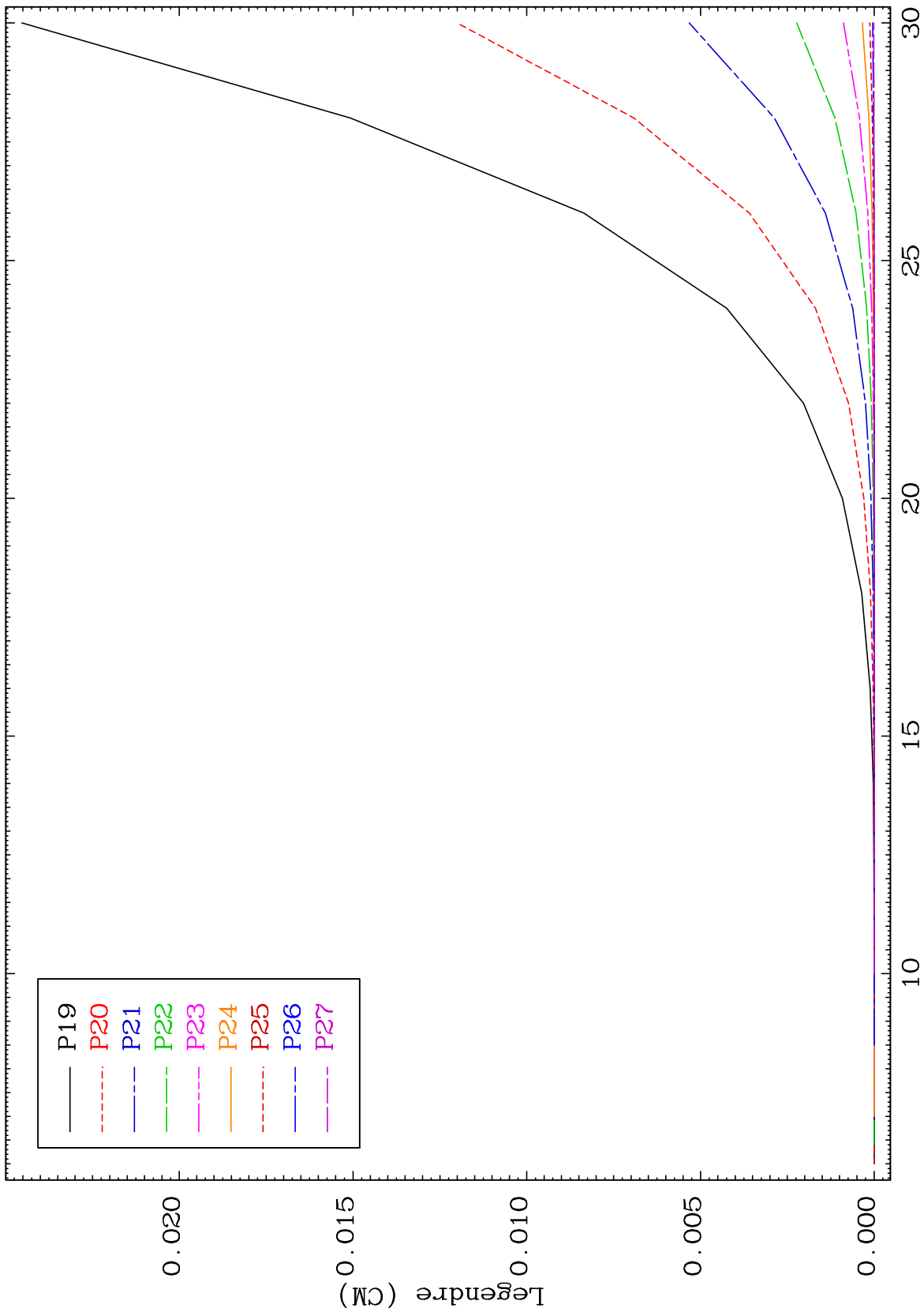


18

Incident Energy (MeV)

74-W -174

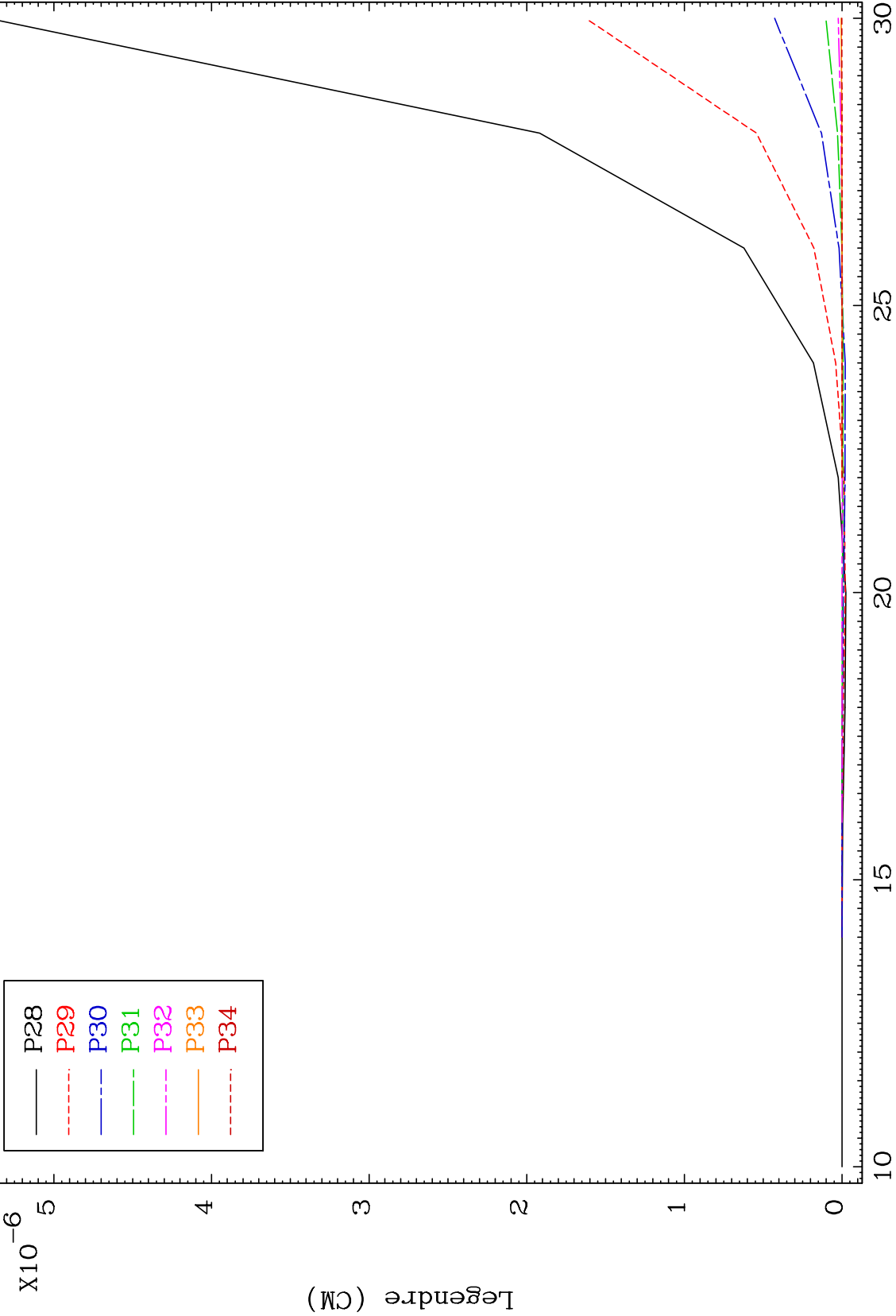
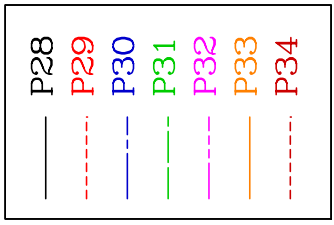
Elastic Legendre Coefficients



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Elastic Legendre Coefficients

74-W -174



74-W -174

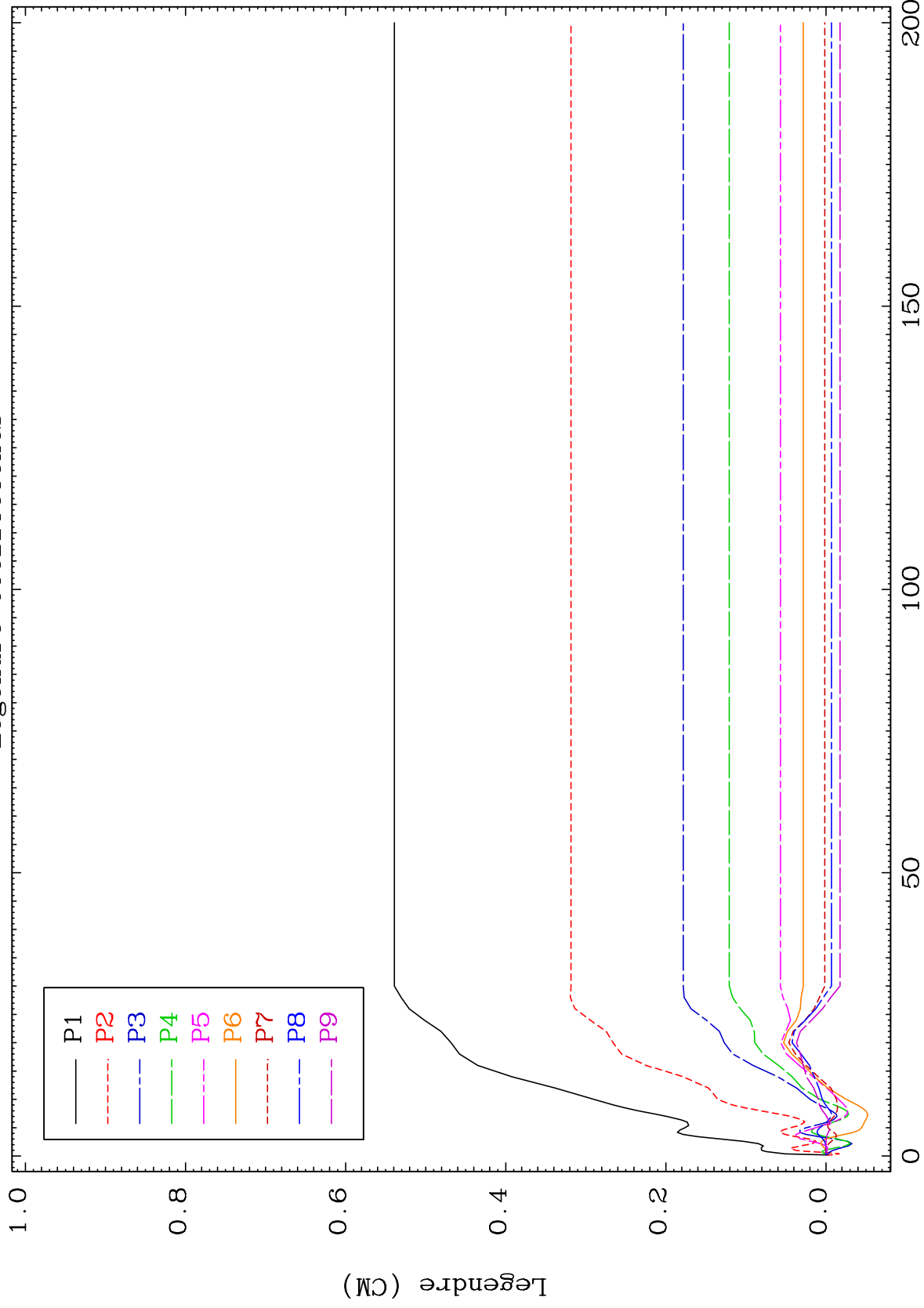
Incident Energy (MeV)

20

MAT 7407

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

74-W -174



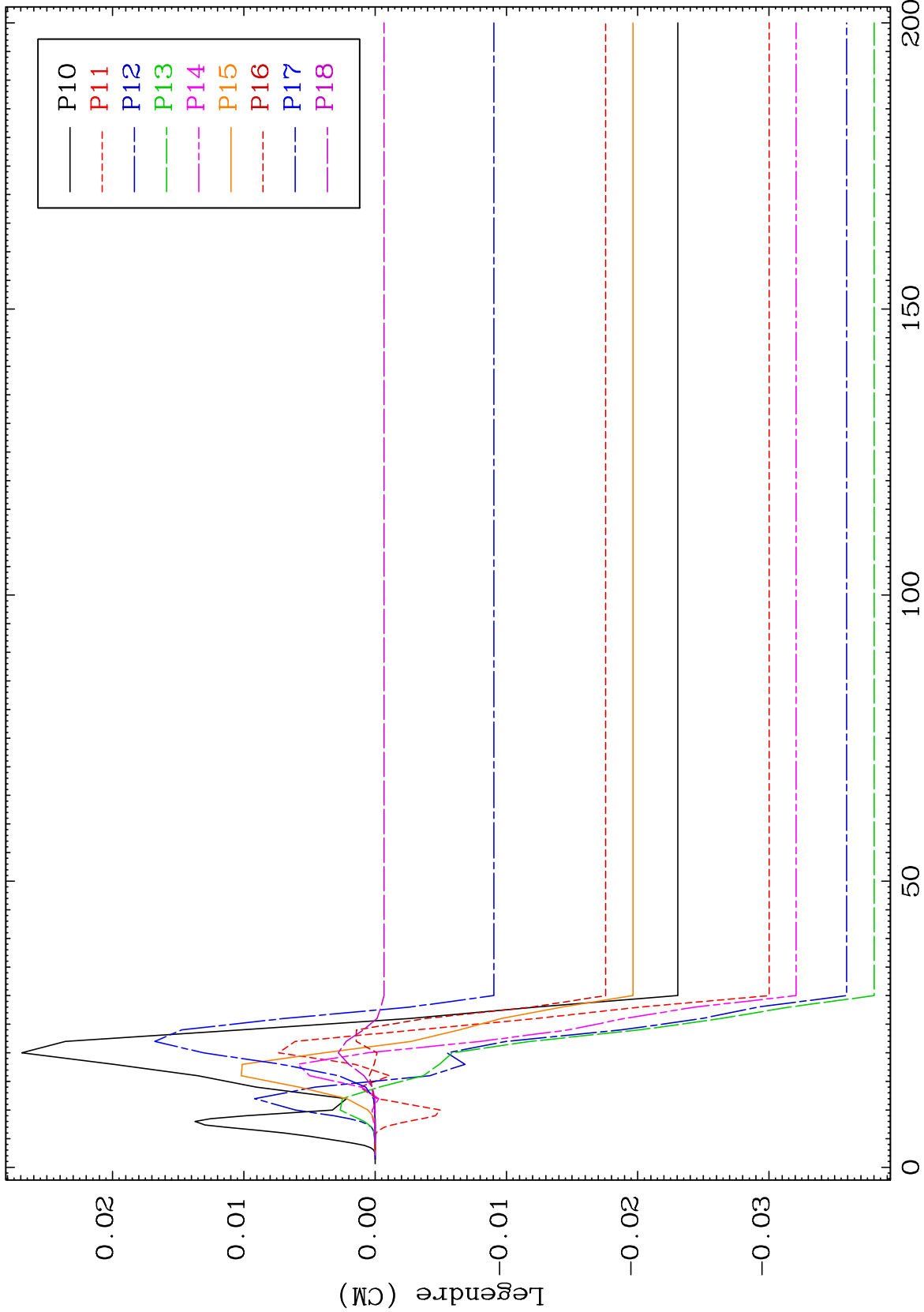
21

74-W -174

MAT 7407

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

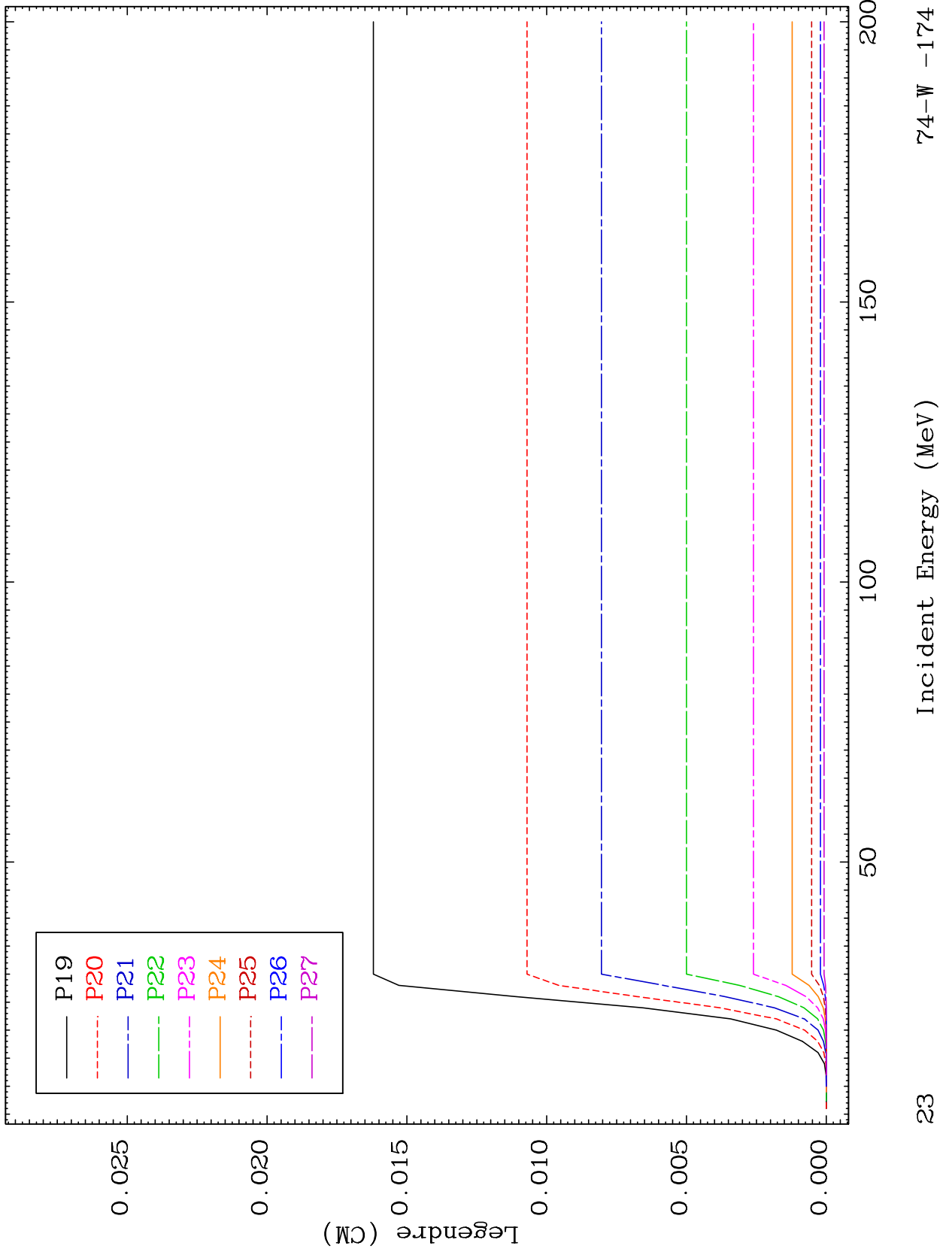
74-W -174

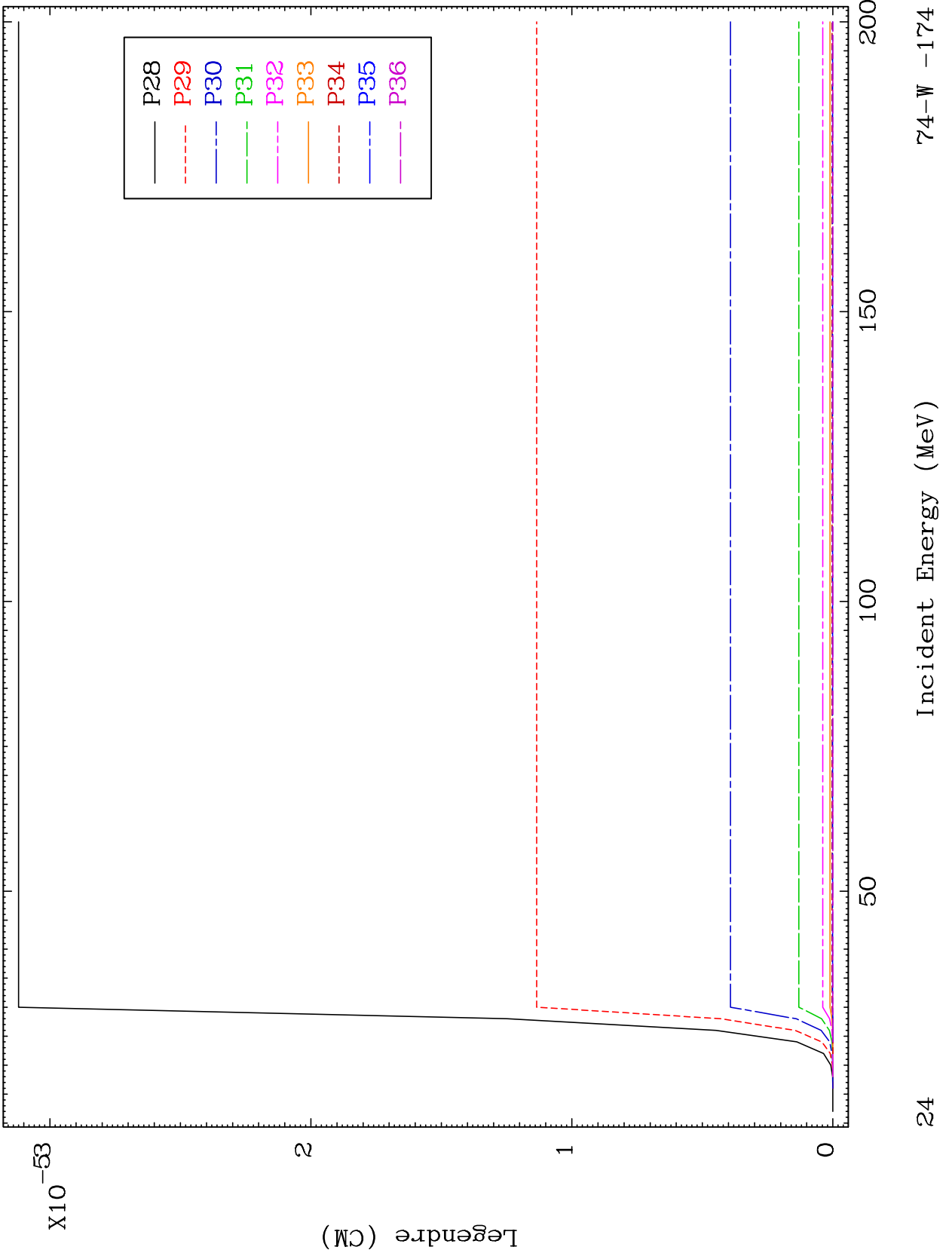


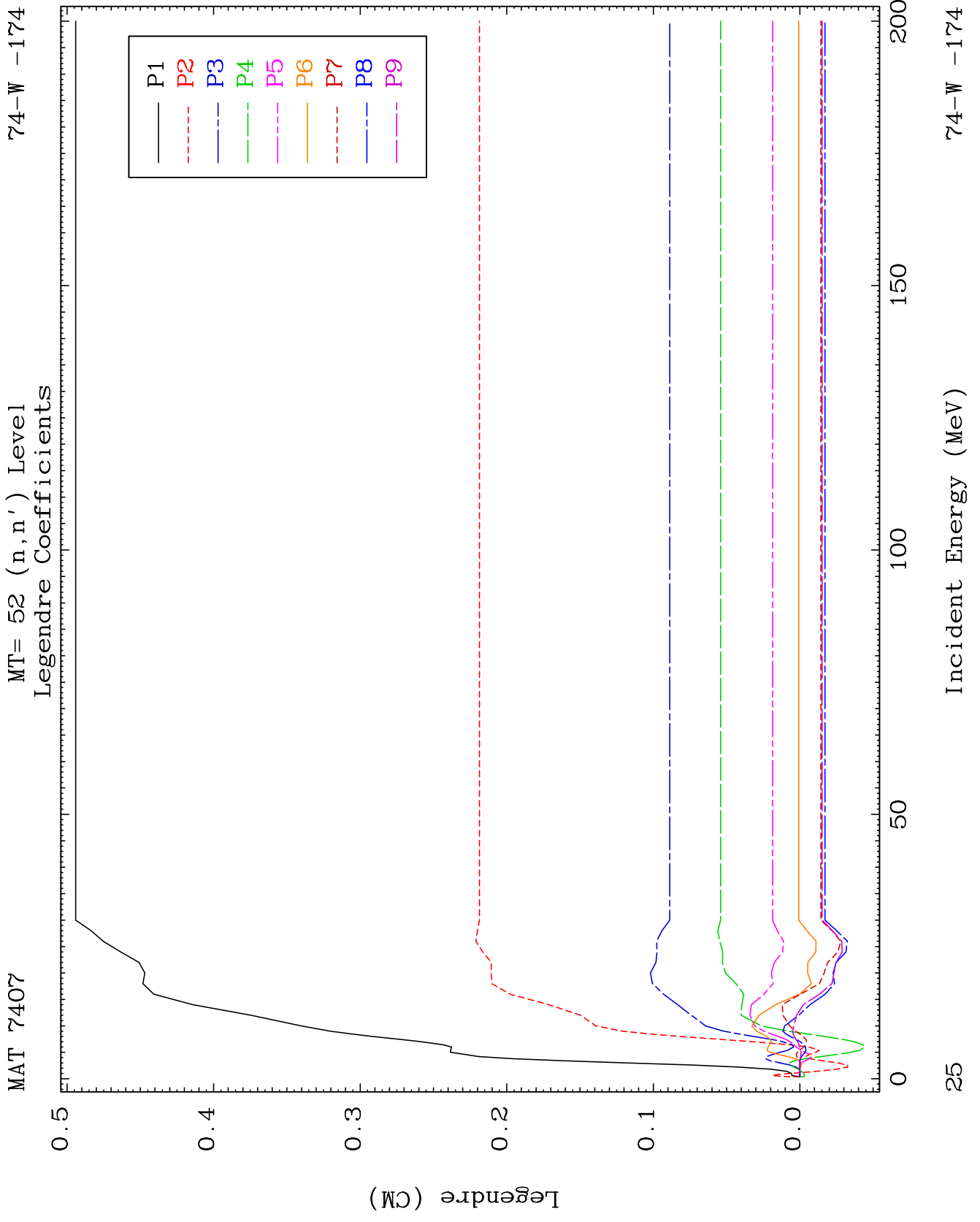
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Incident Energy (MeV)

74-W -174



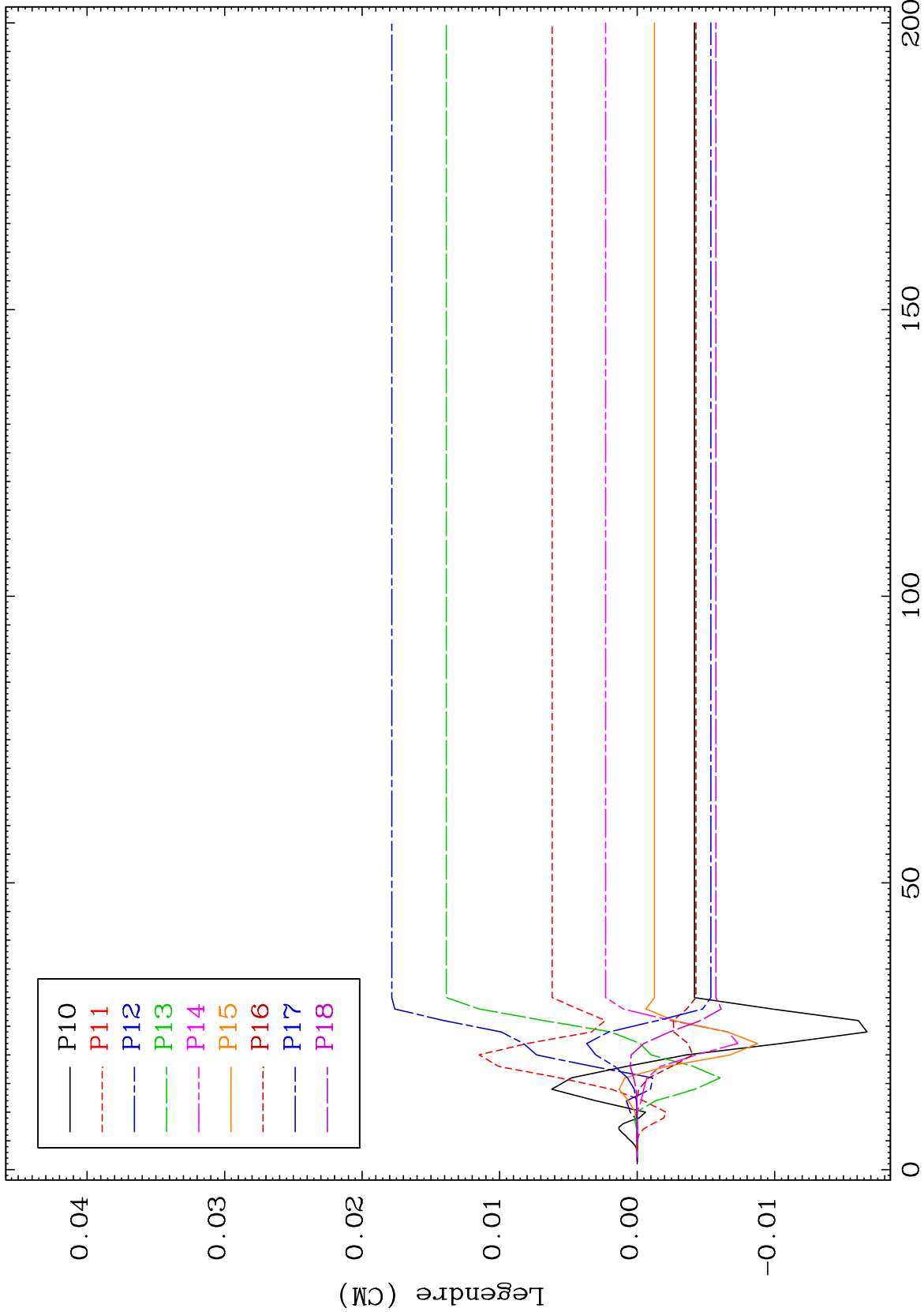




MAT 7407

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

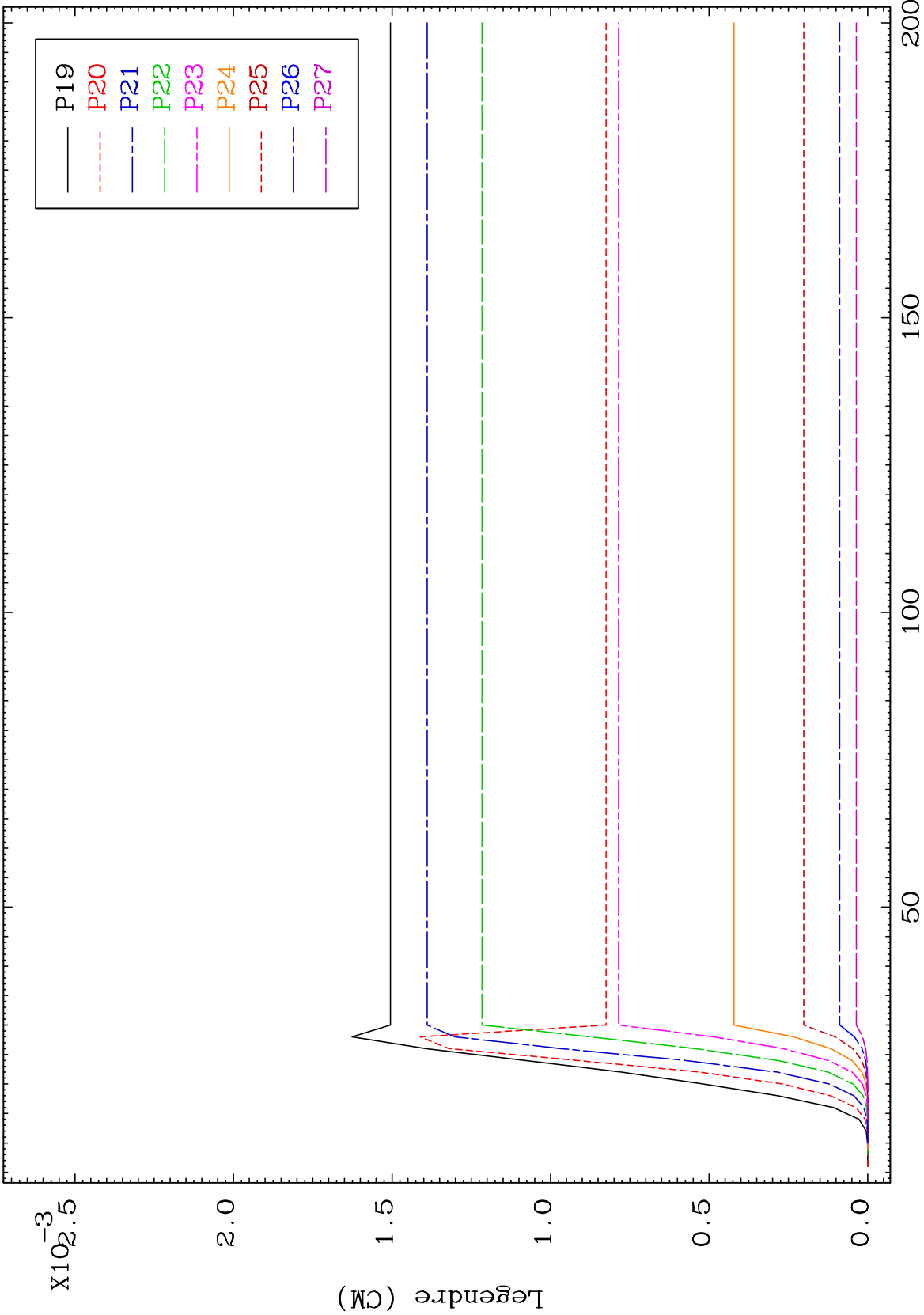
74-W -174



26

Incident Energy (MeV)

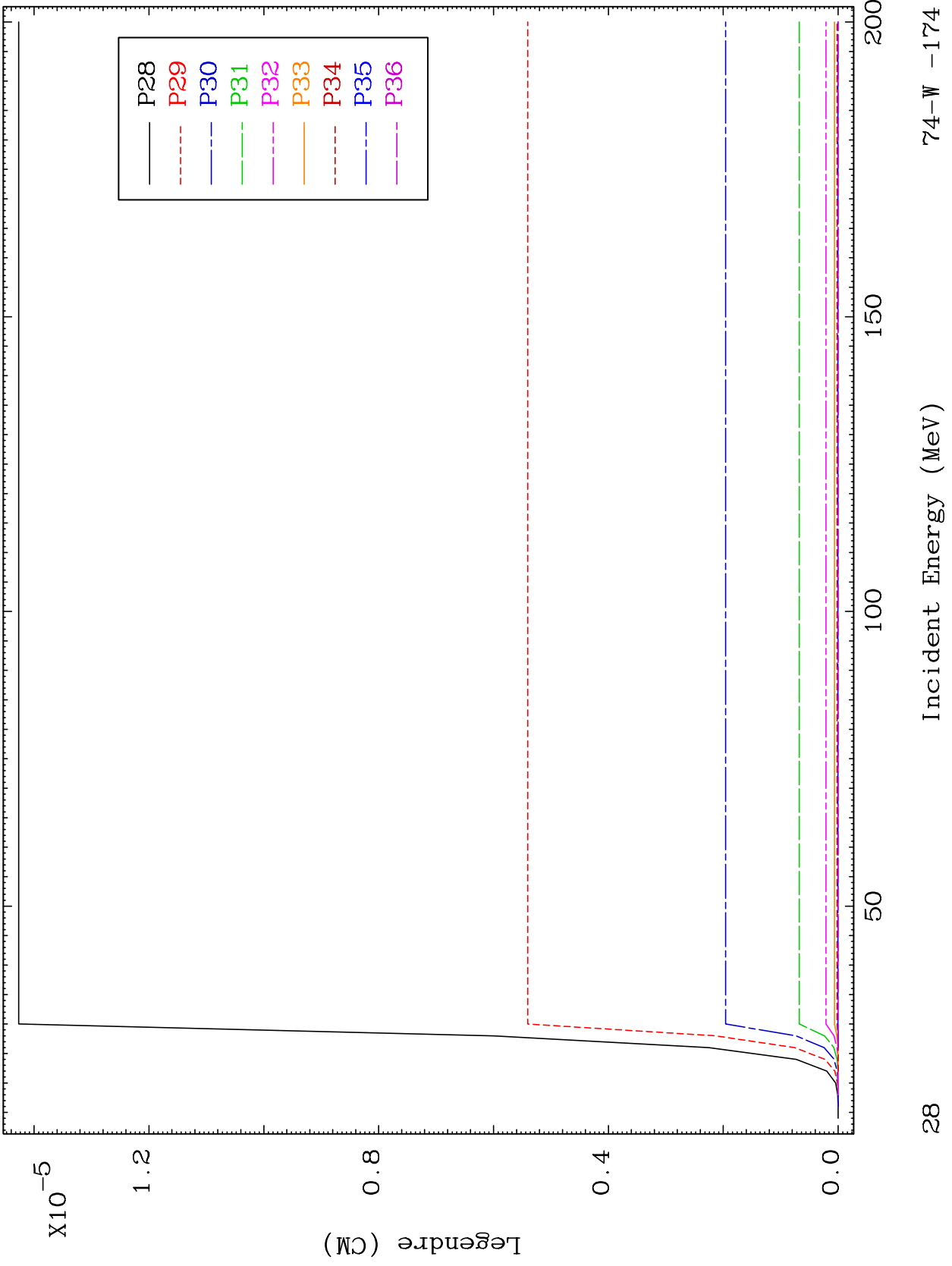
74-W -174



MAT 7407

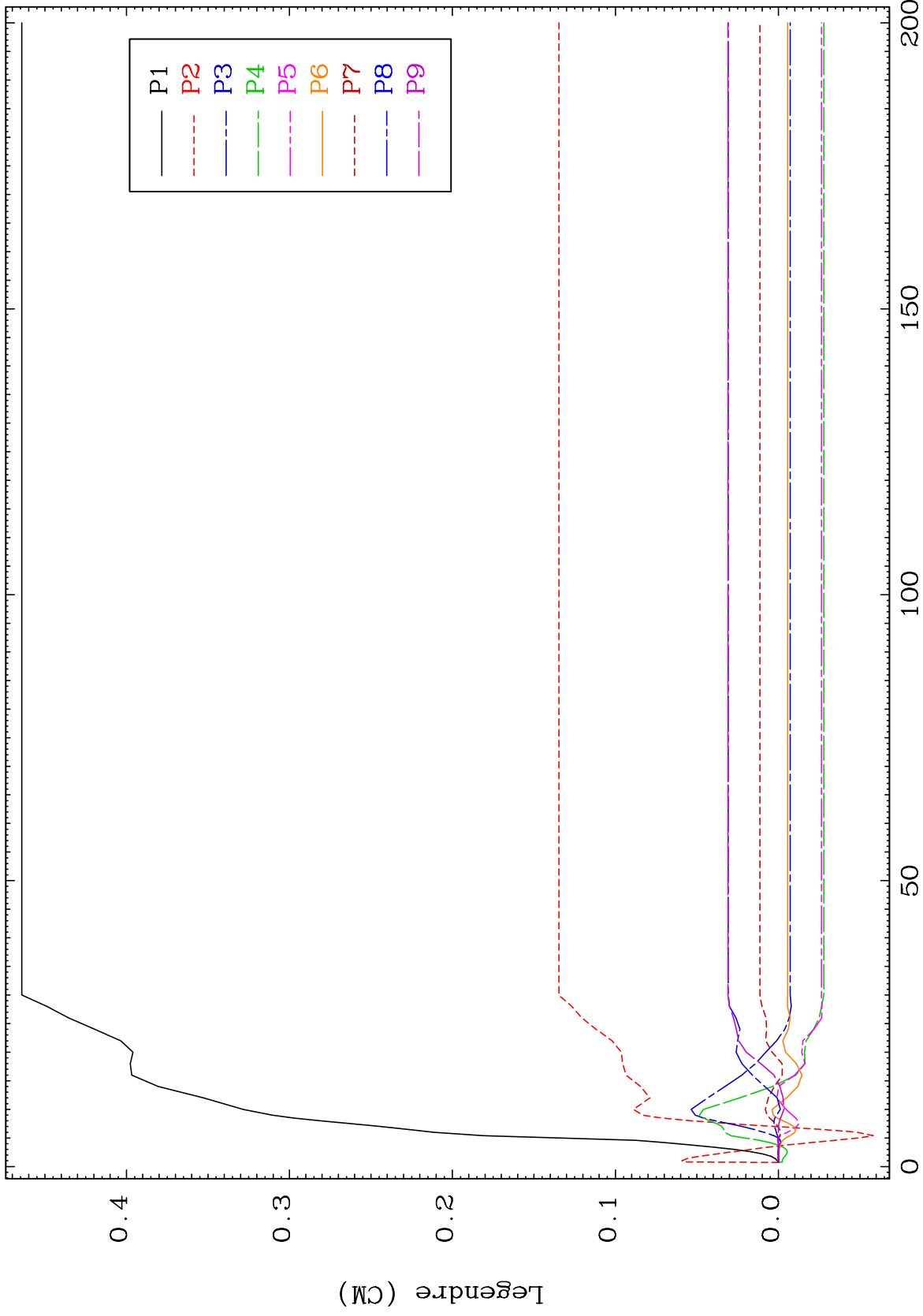
MT= 52 (n,n') Level
Legendre Coefficients

74-W -174



28

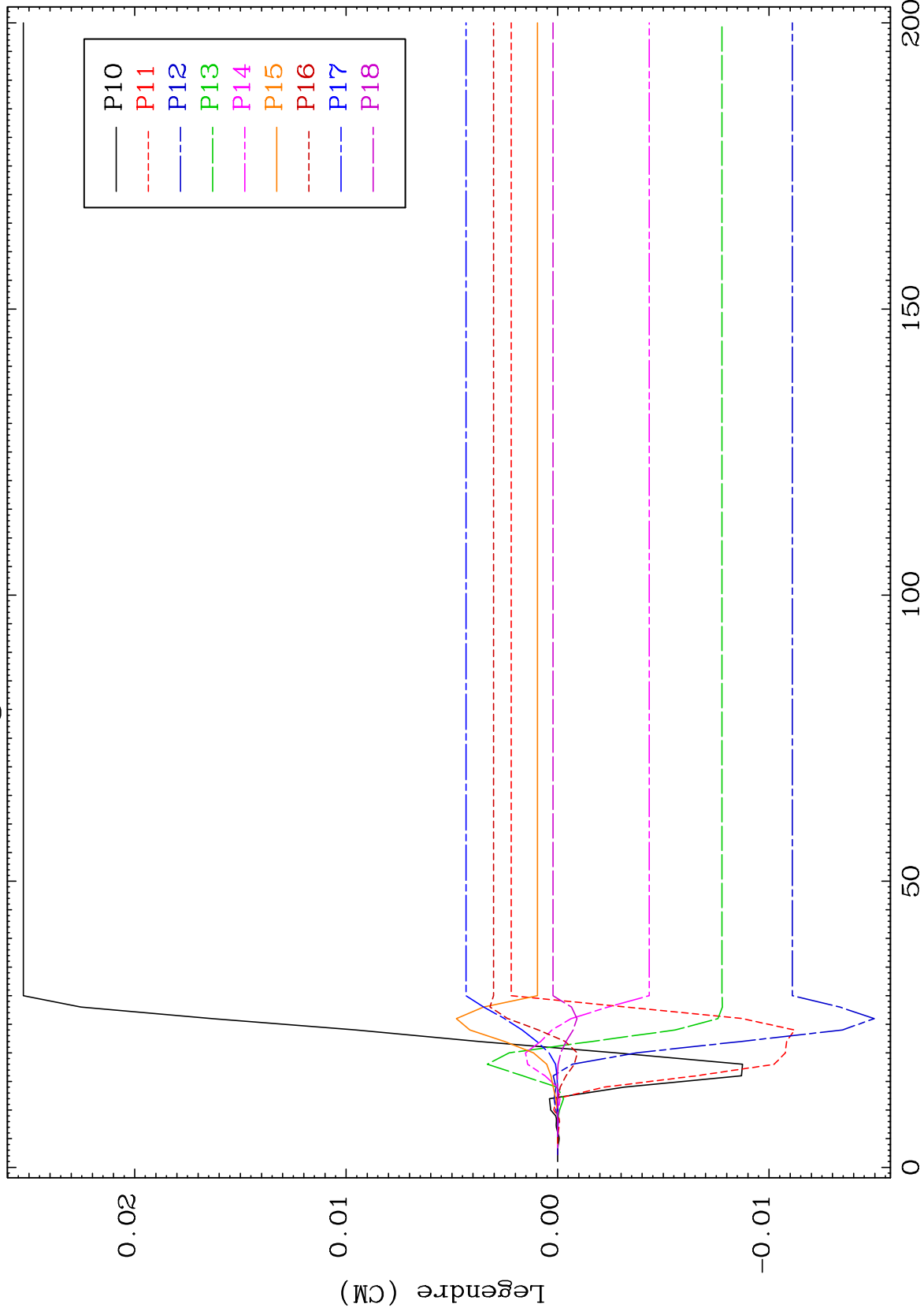
74-W -174



MAT 7407

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

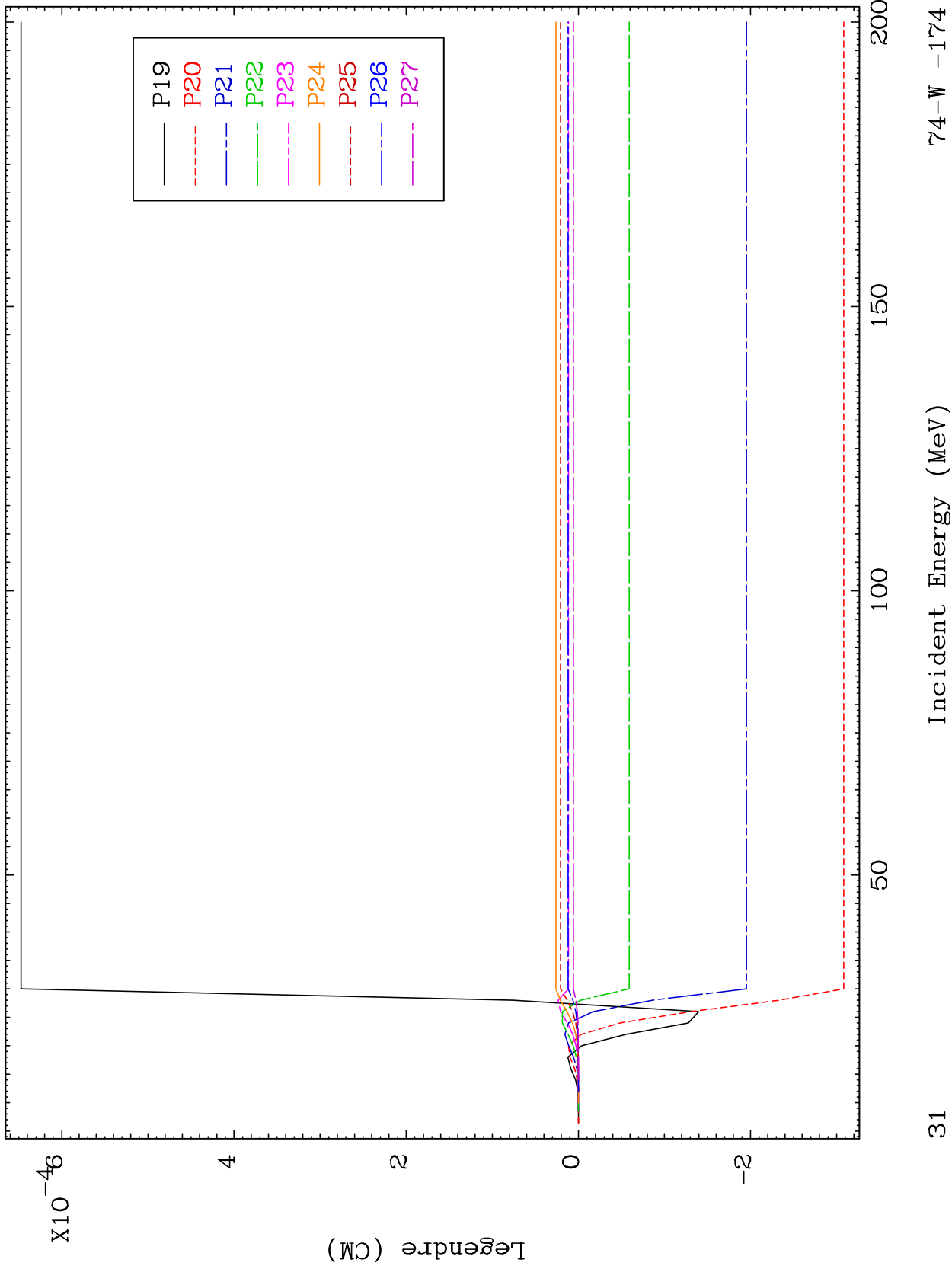
74-W -174

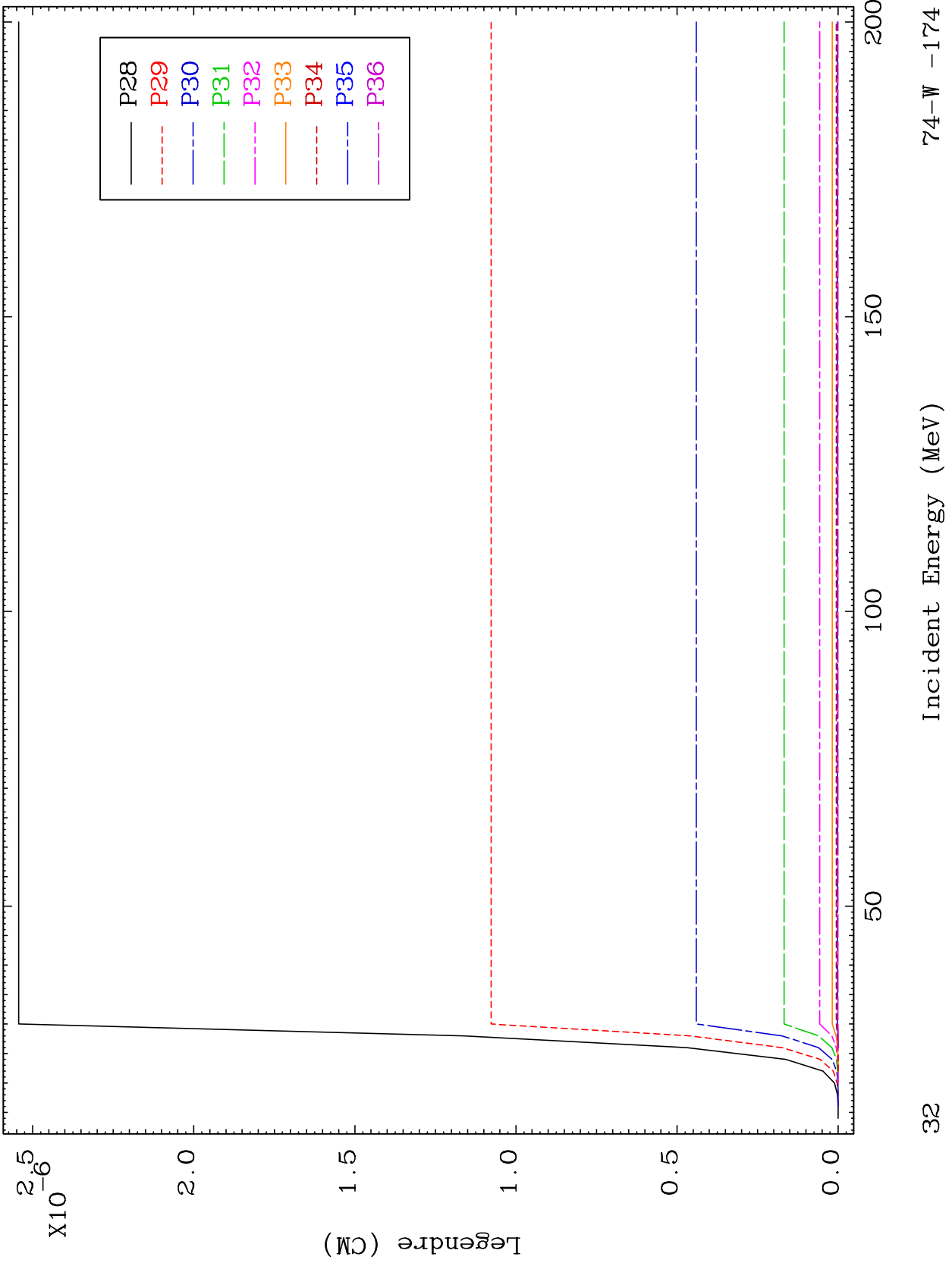


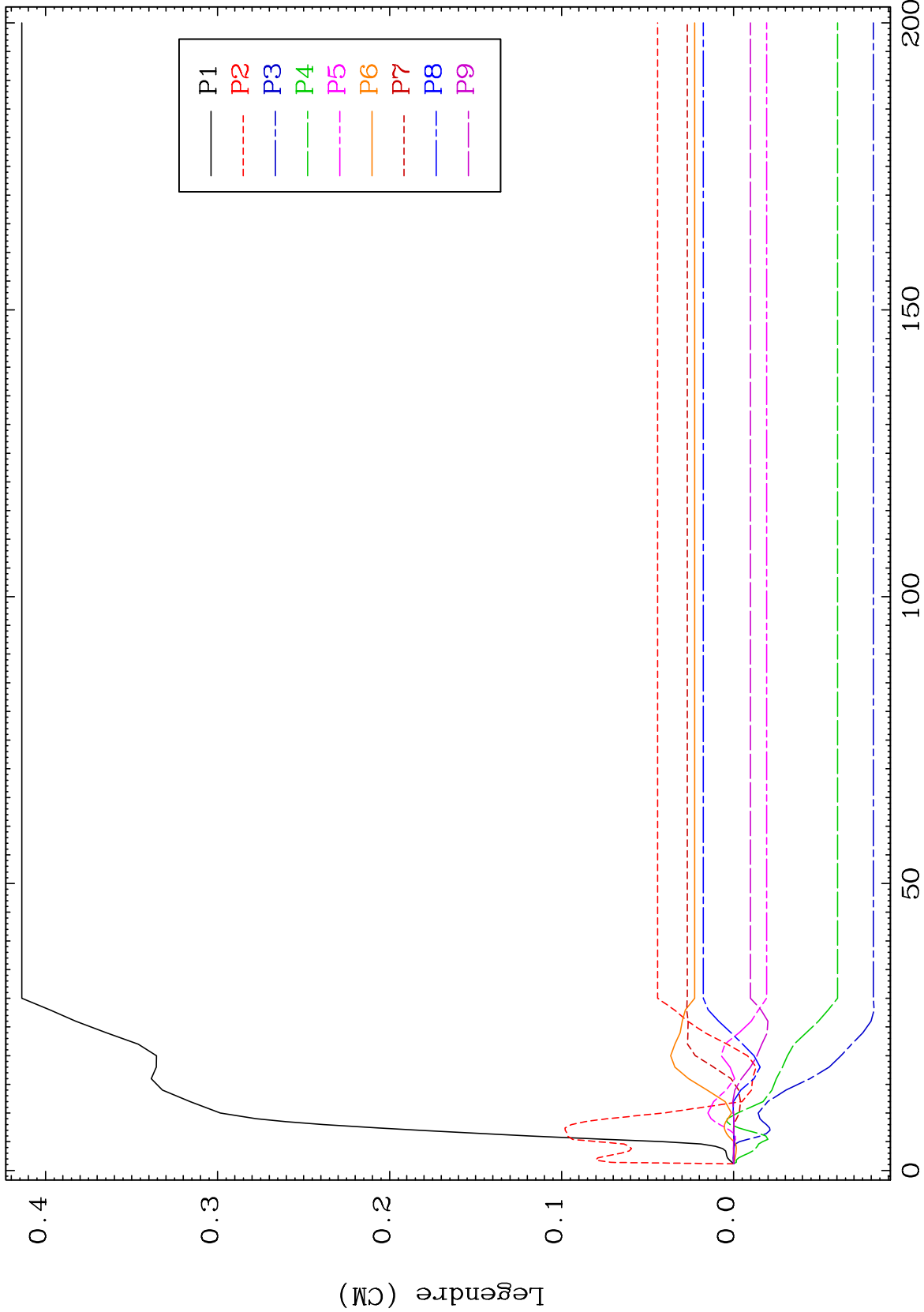
30

Incident Energy (MeV)

74-W -174



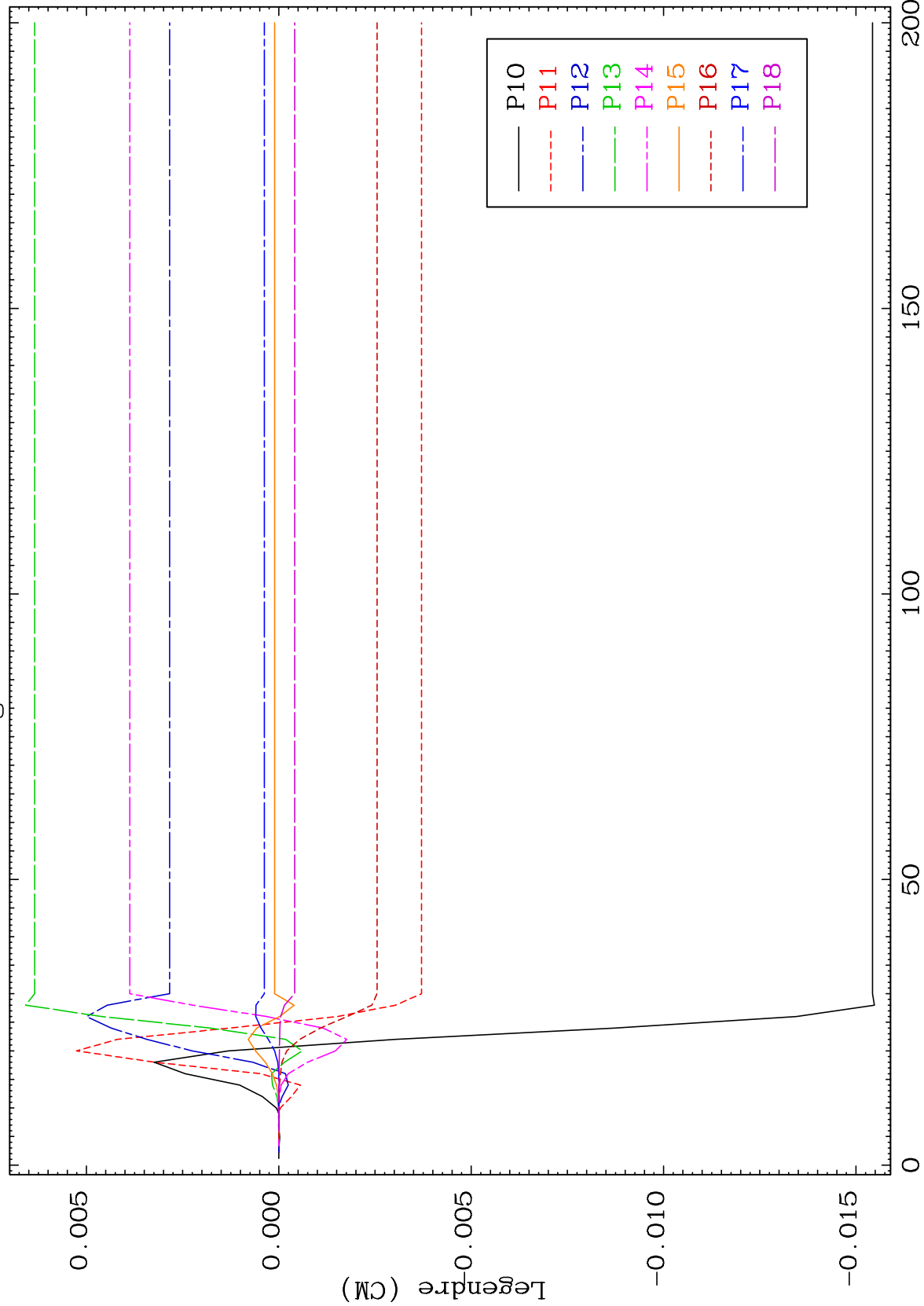




MAT 7407

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

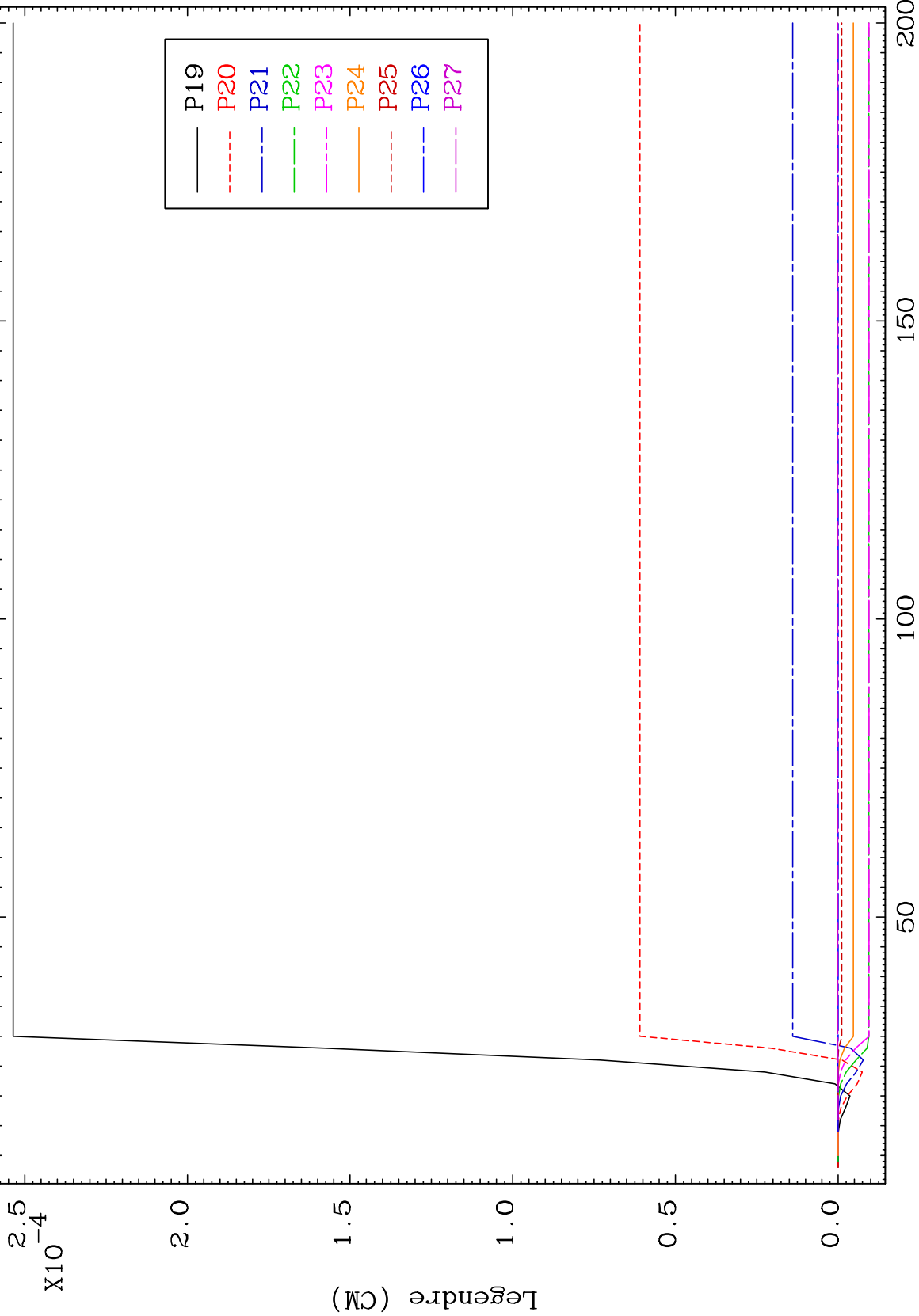
74-W -174

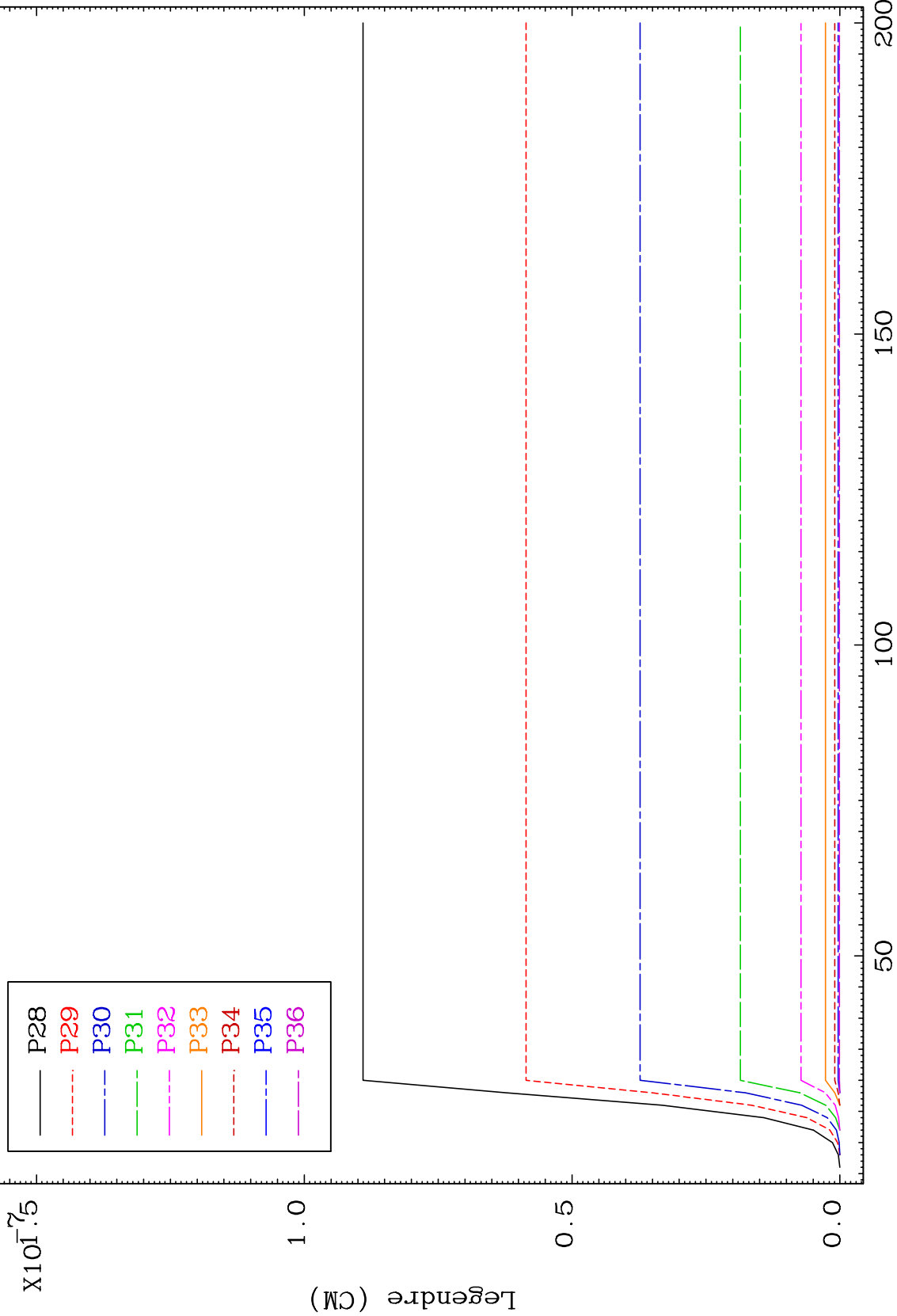
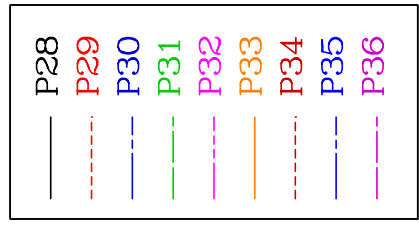


34

Incident Energy (MeV)

74-W -174

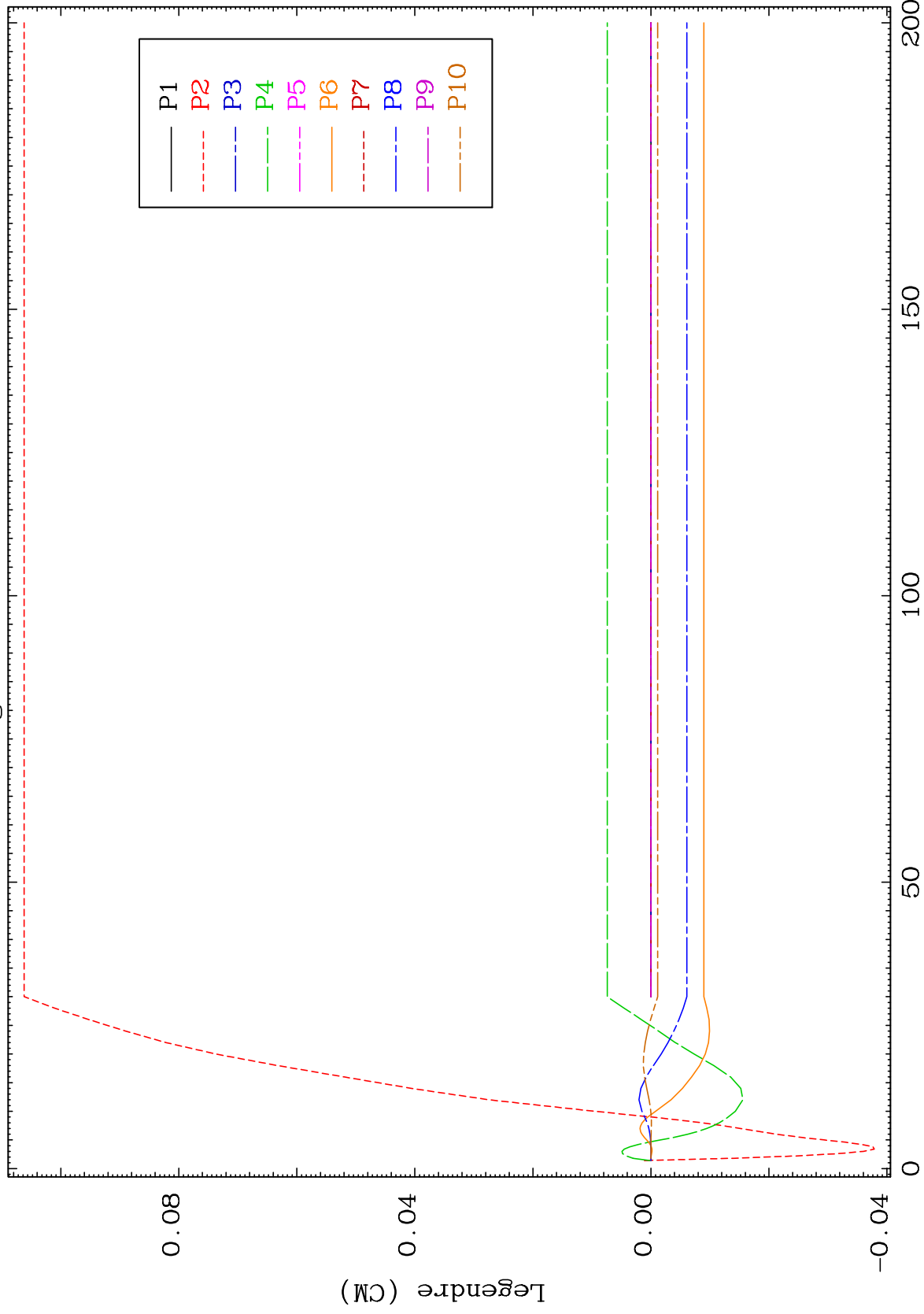




MAT 7407

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

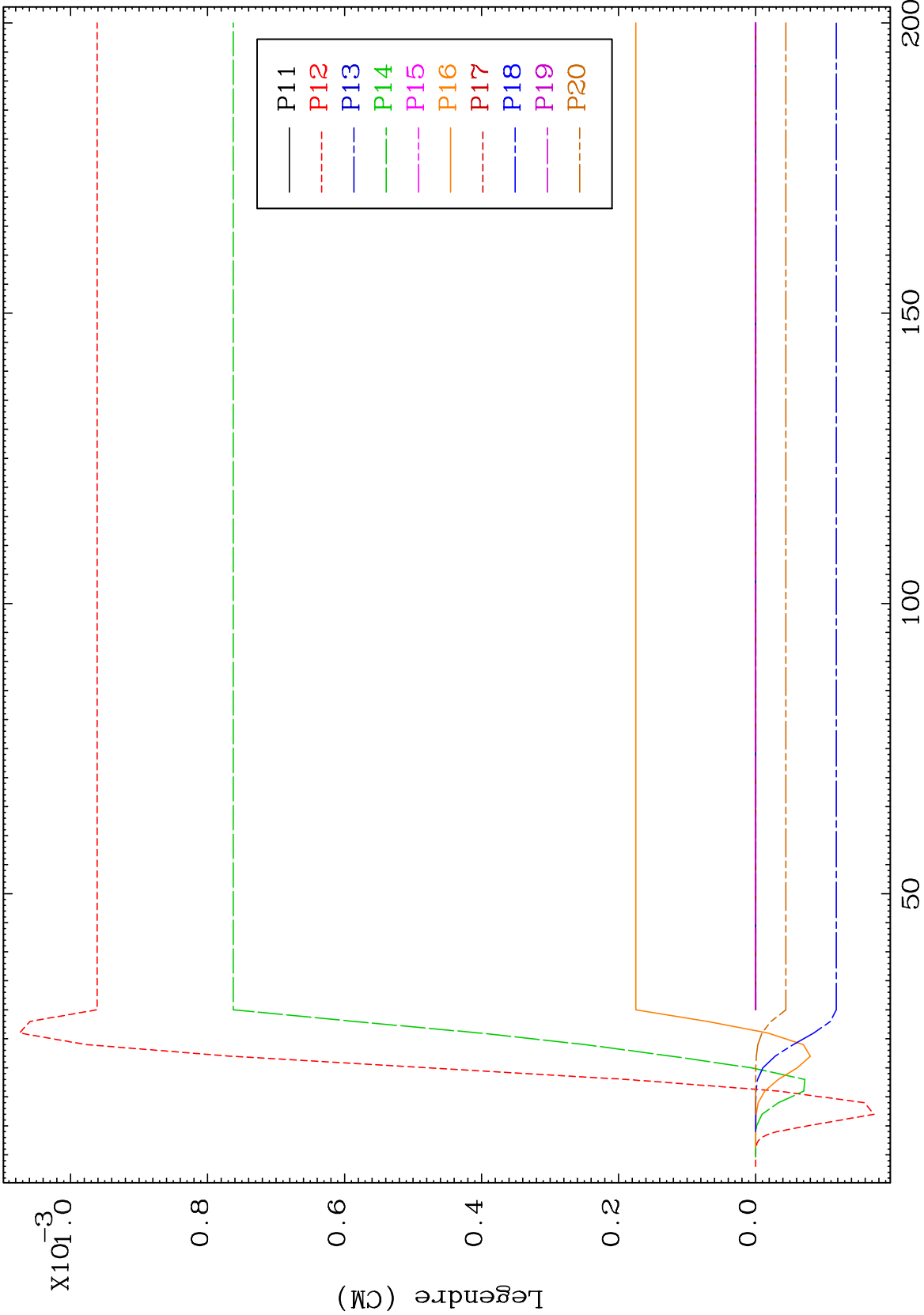
74-W -174



37

Incident Energy (MeV)

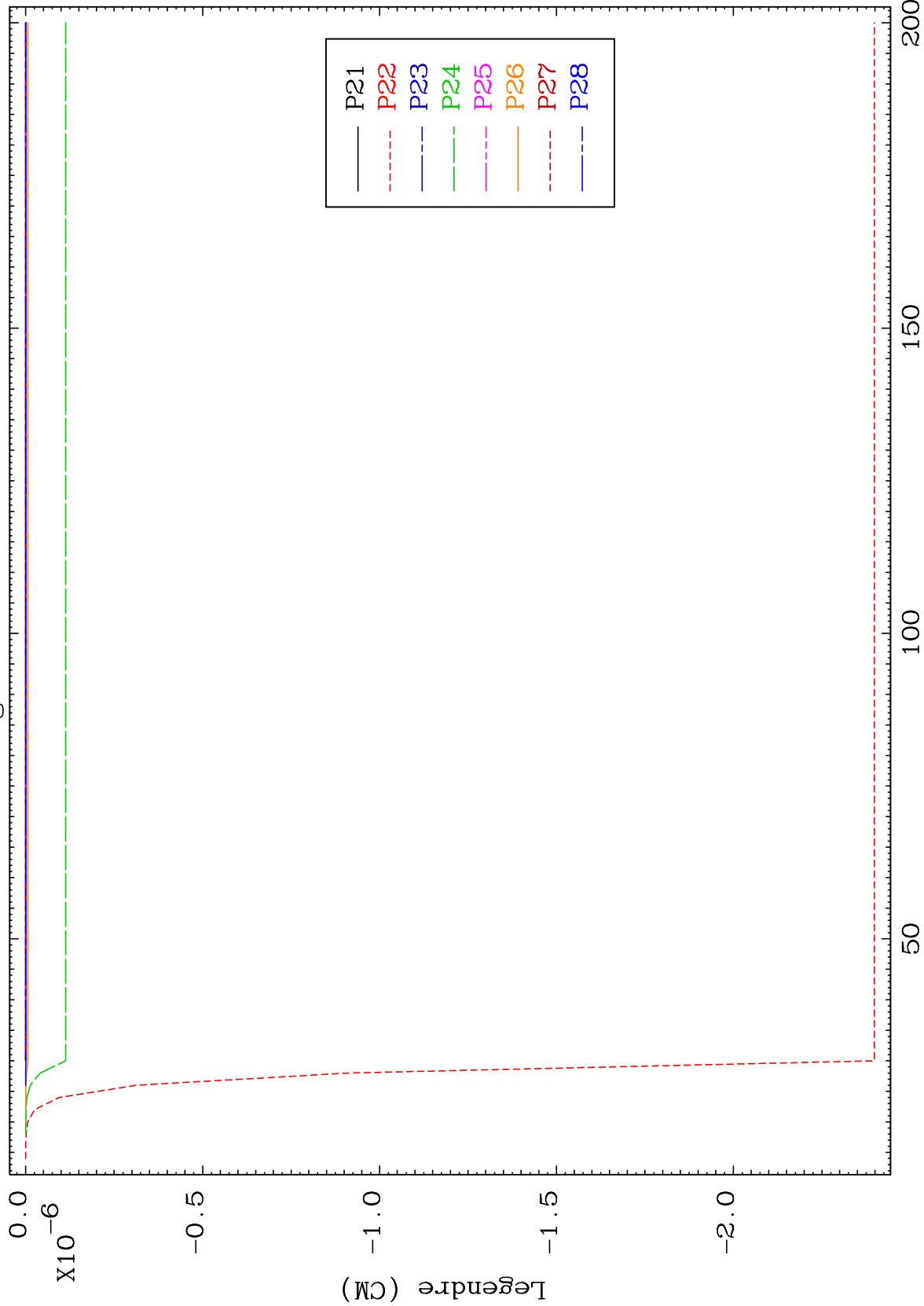
74-W -174



MAT 7407

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

74-W -174



39

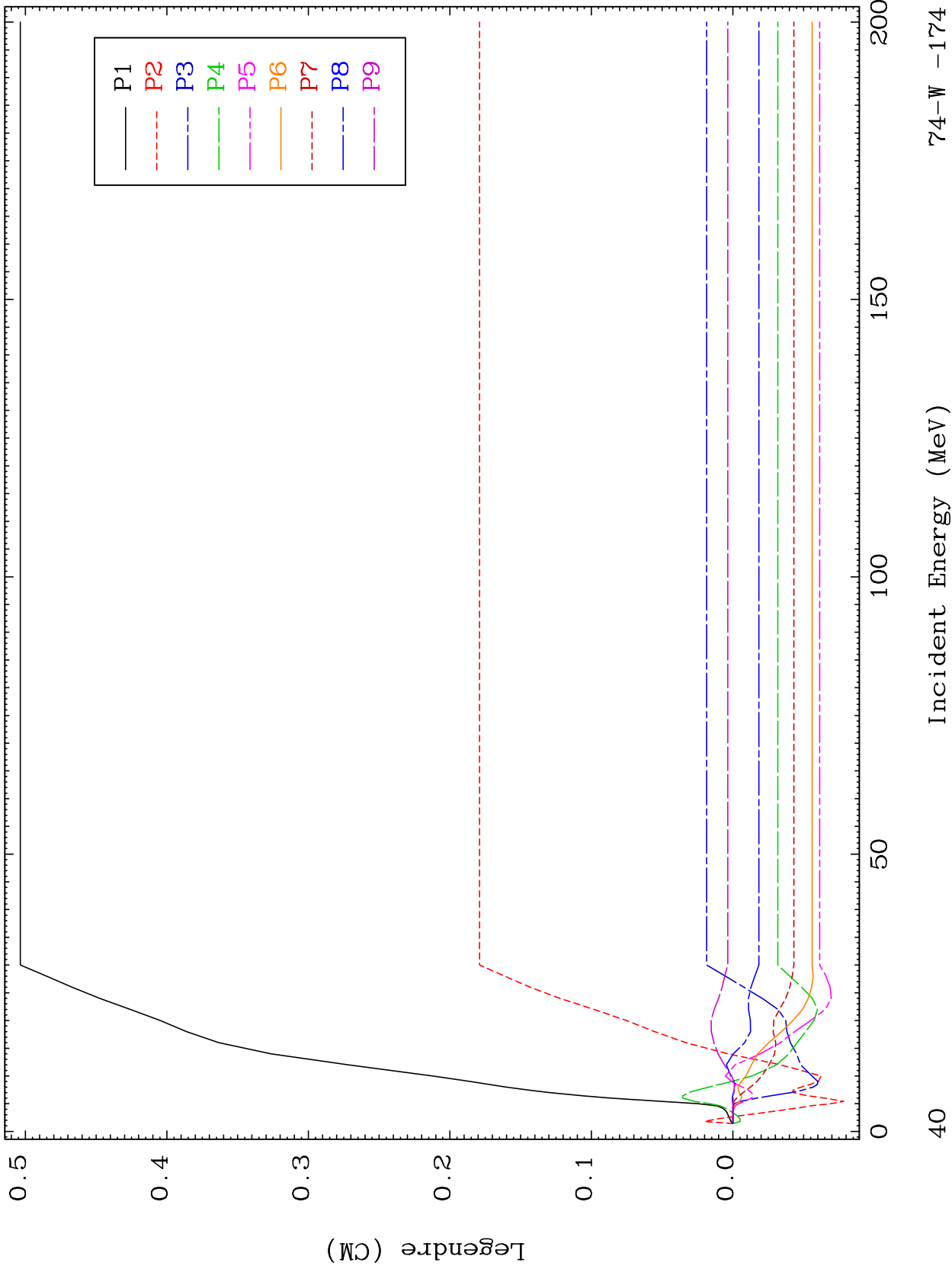
Incident Energy (MeV)

74-W -174

MAT 7407

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

74-W -174



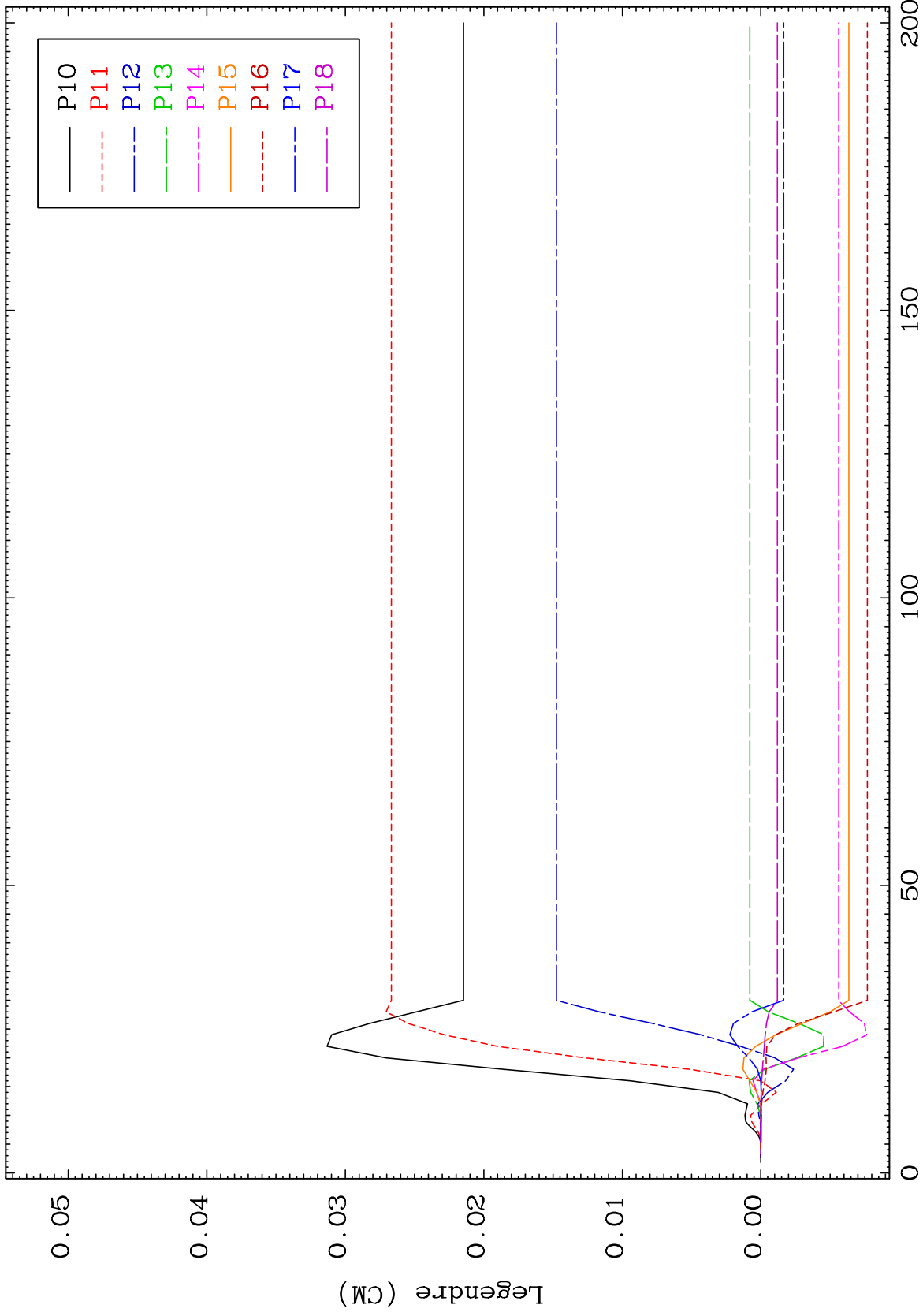
74-W -174

Incident Energy (MeV)

MAT 7407

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

74-W -174



41

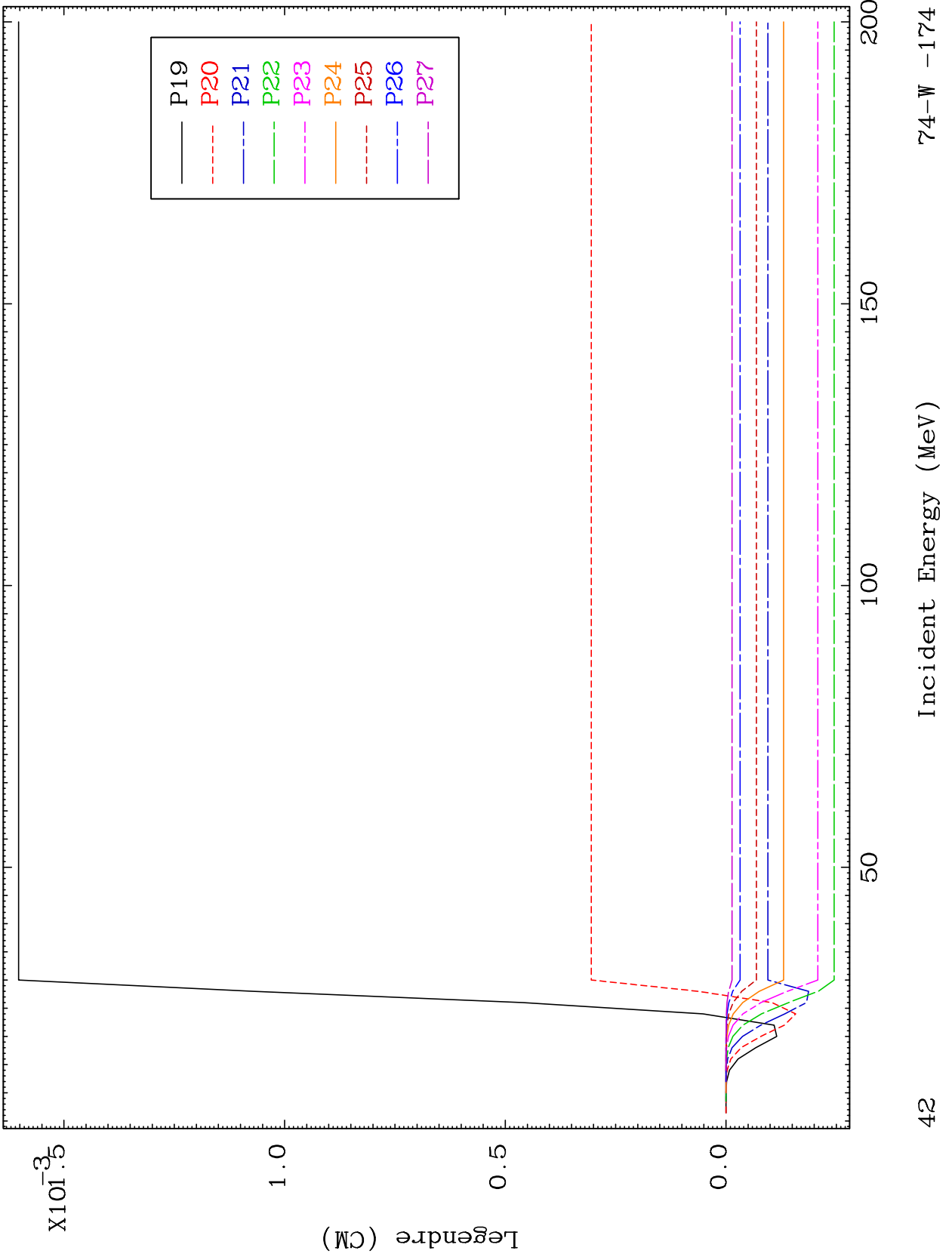
Incident Energy (MeV)

74-W -174

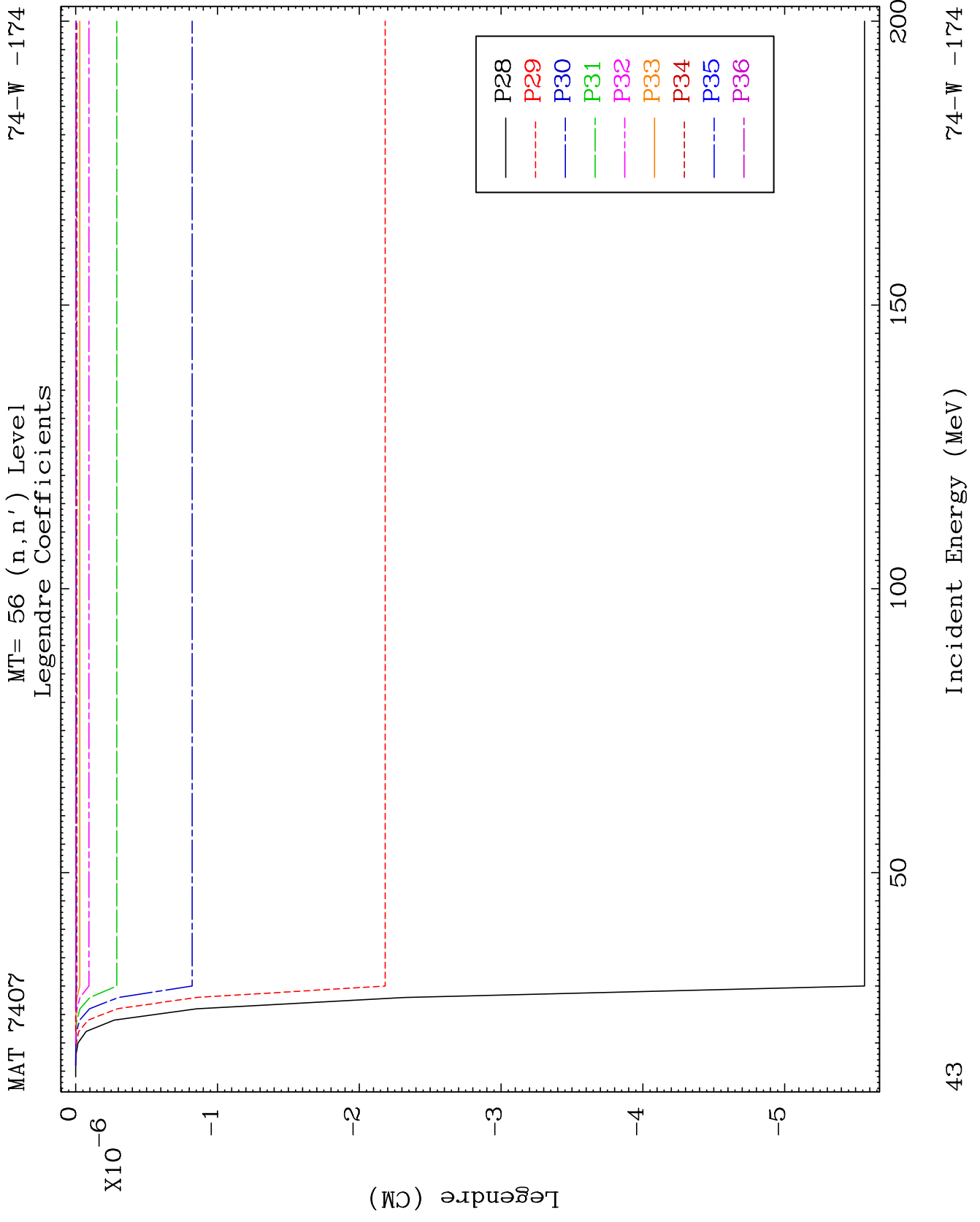
MAT 7407

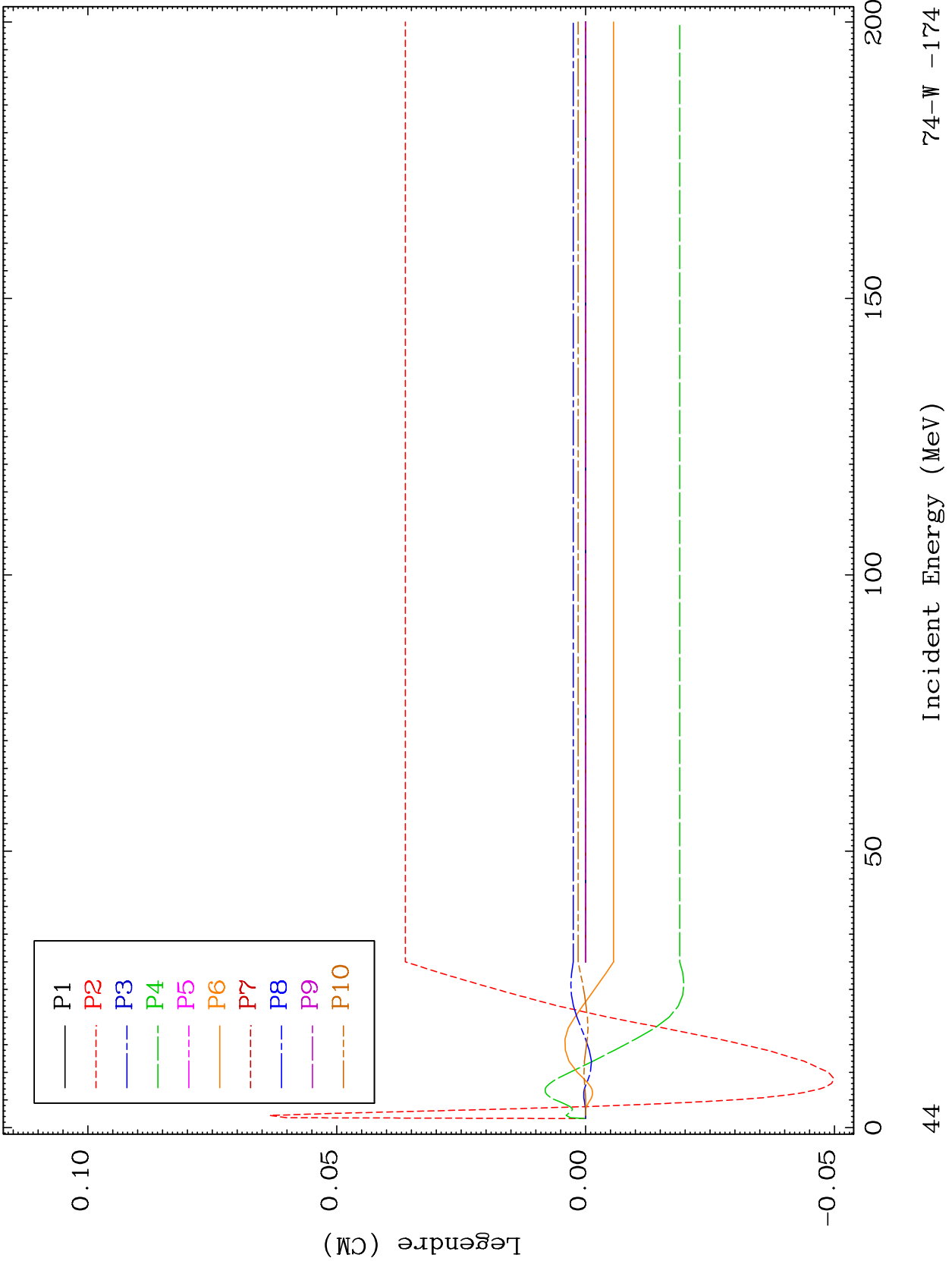
MT= 56 (n,n') Level
Legendre Coefficients

74-W -174



42

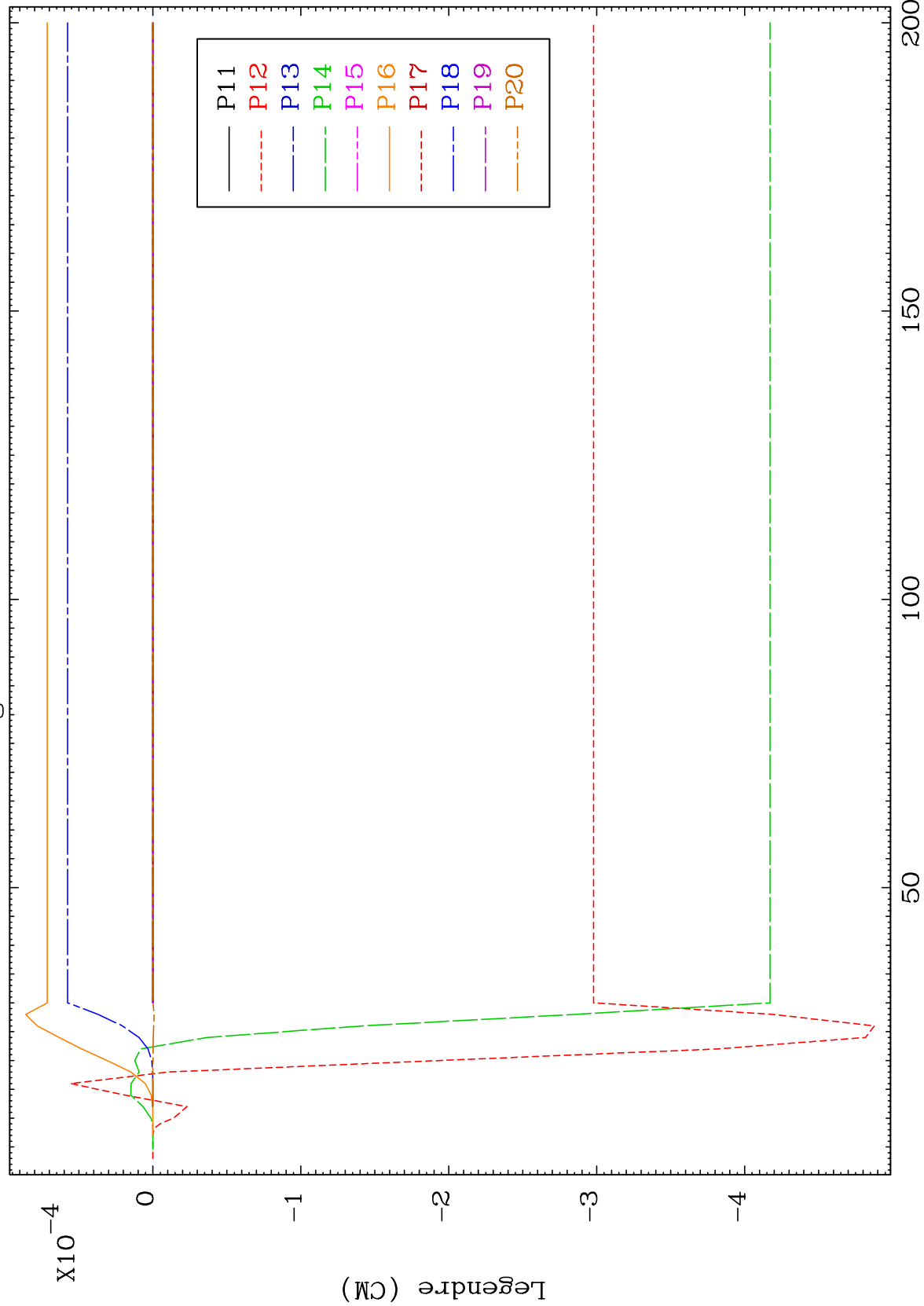




MAT 7407

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

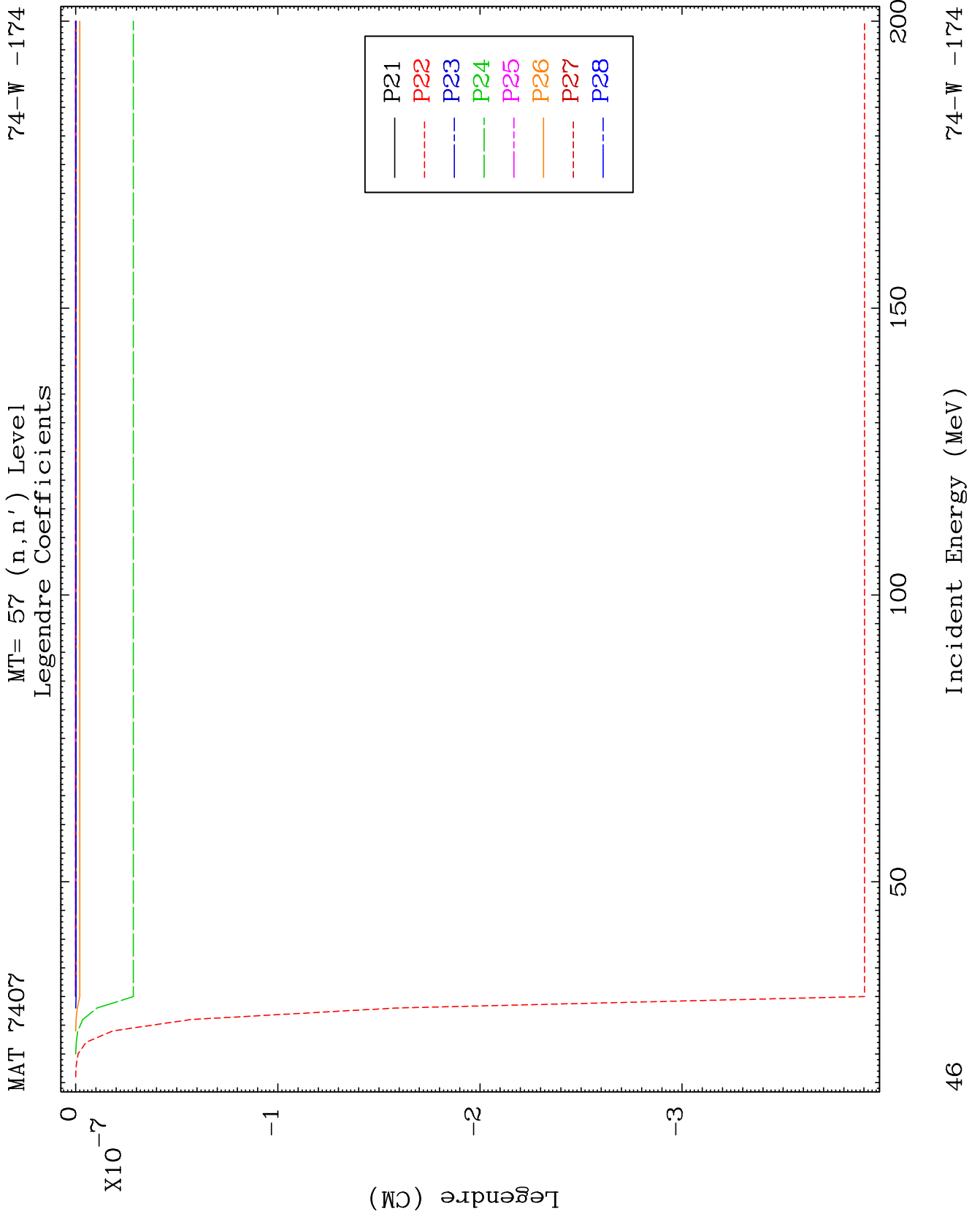
74-W -174



45

Incident Energy (MeV)

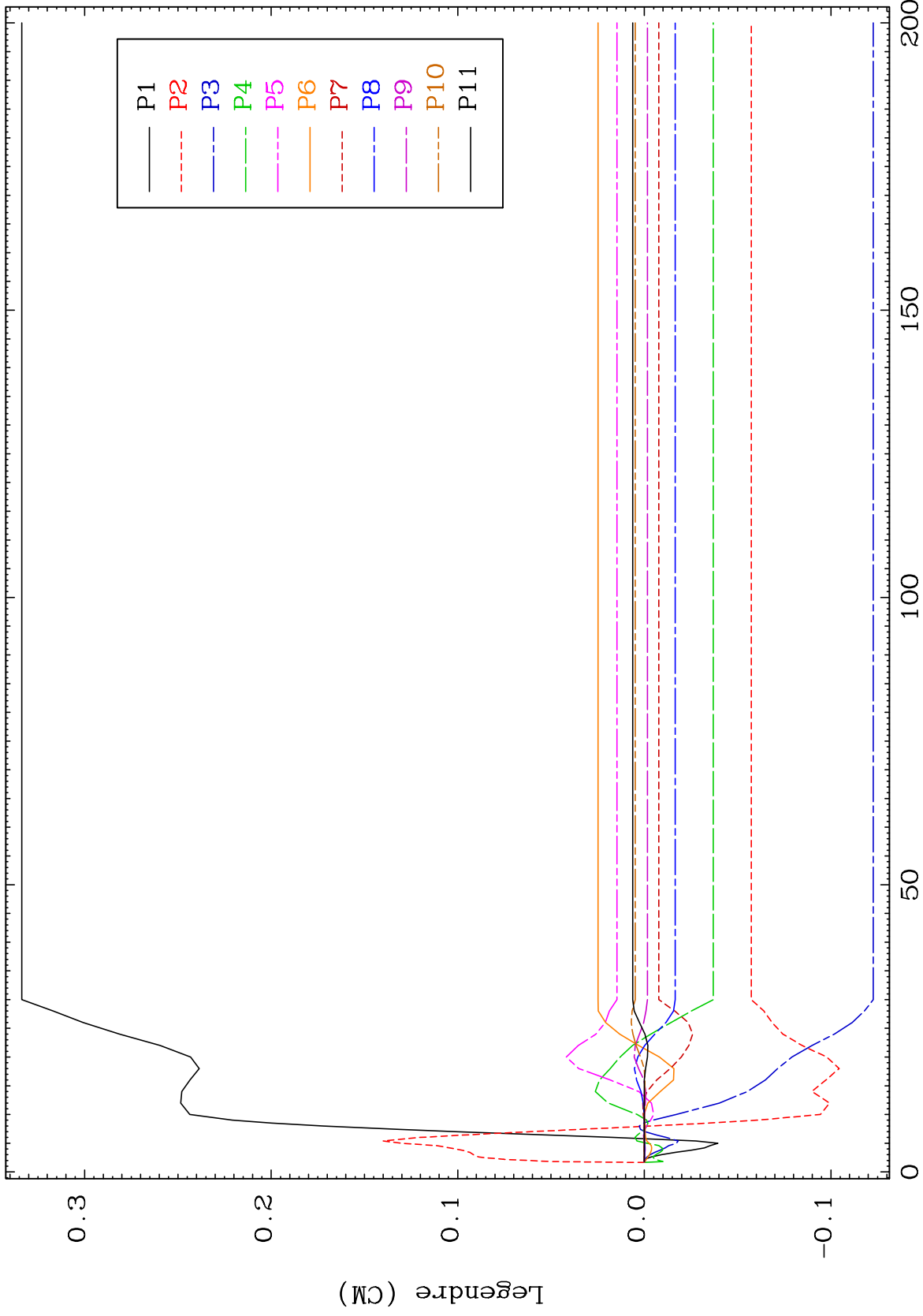
74-W -174



MAT 7407

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

74-W -174



47

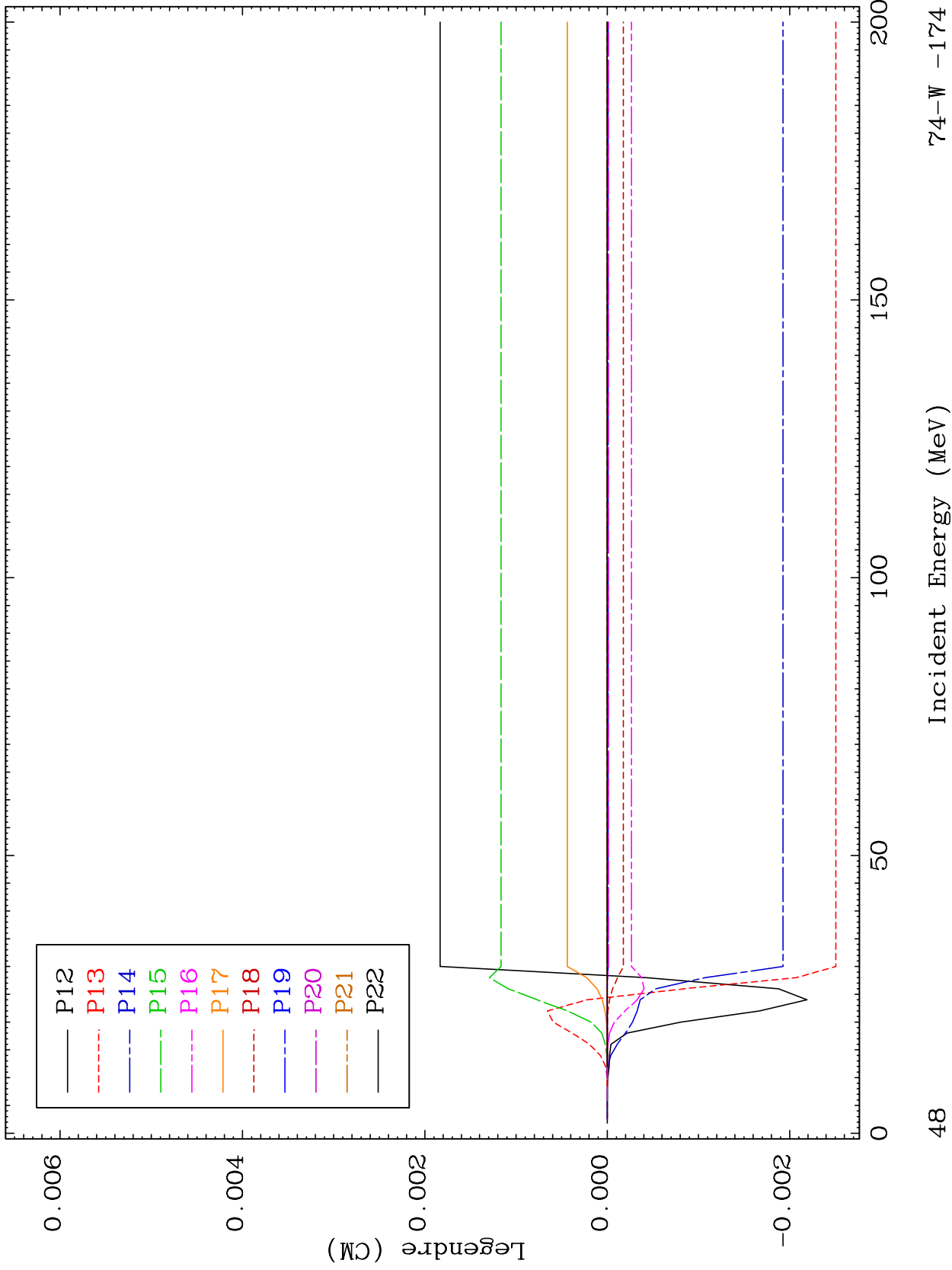
Incident Energy (MeV)

74-W -174

MAT 7407

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

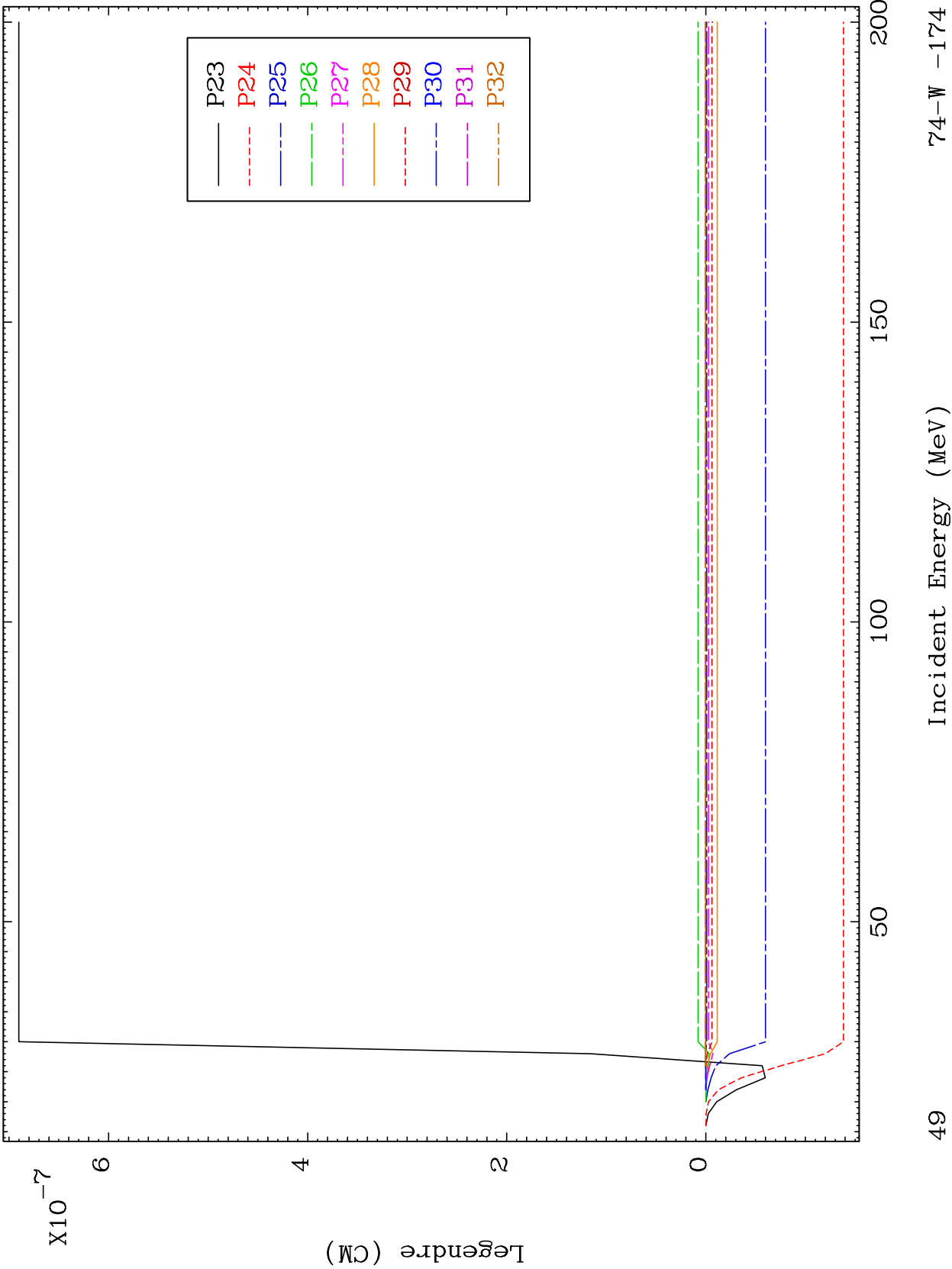
74-W -174



48

Incident Energy (MeV)

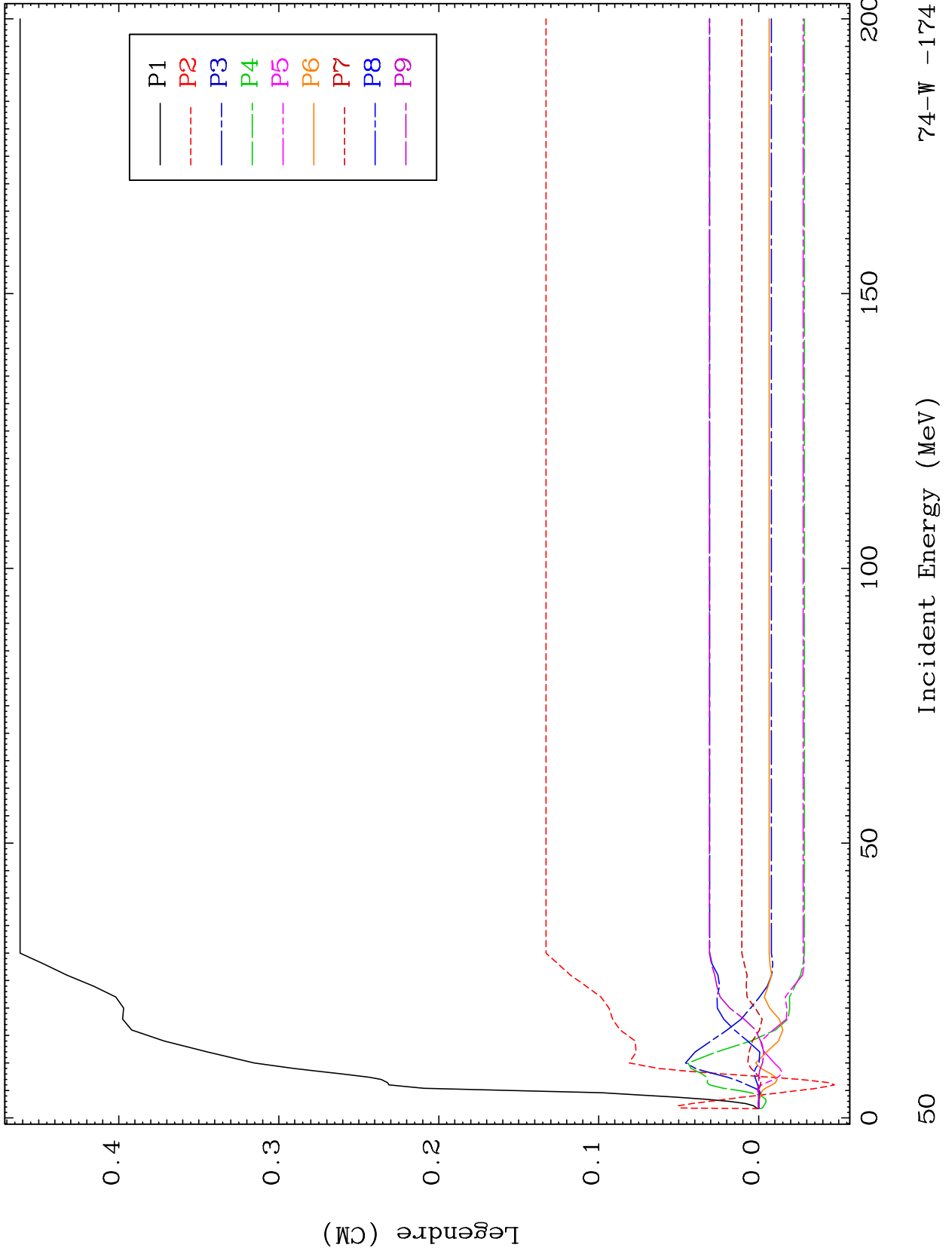
74-W -174



MAT 7407

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

74-W -174



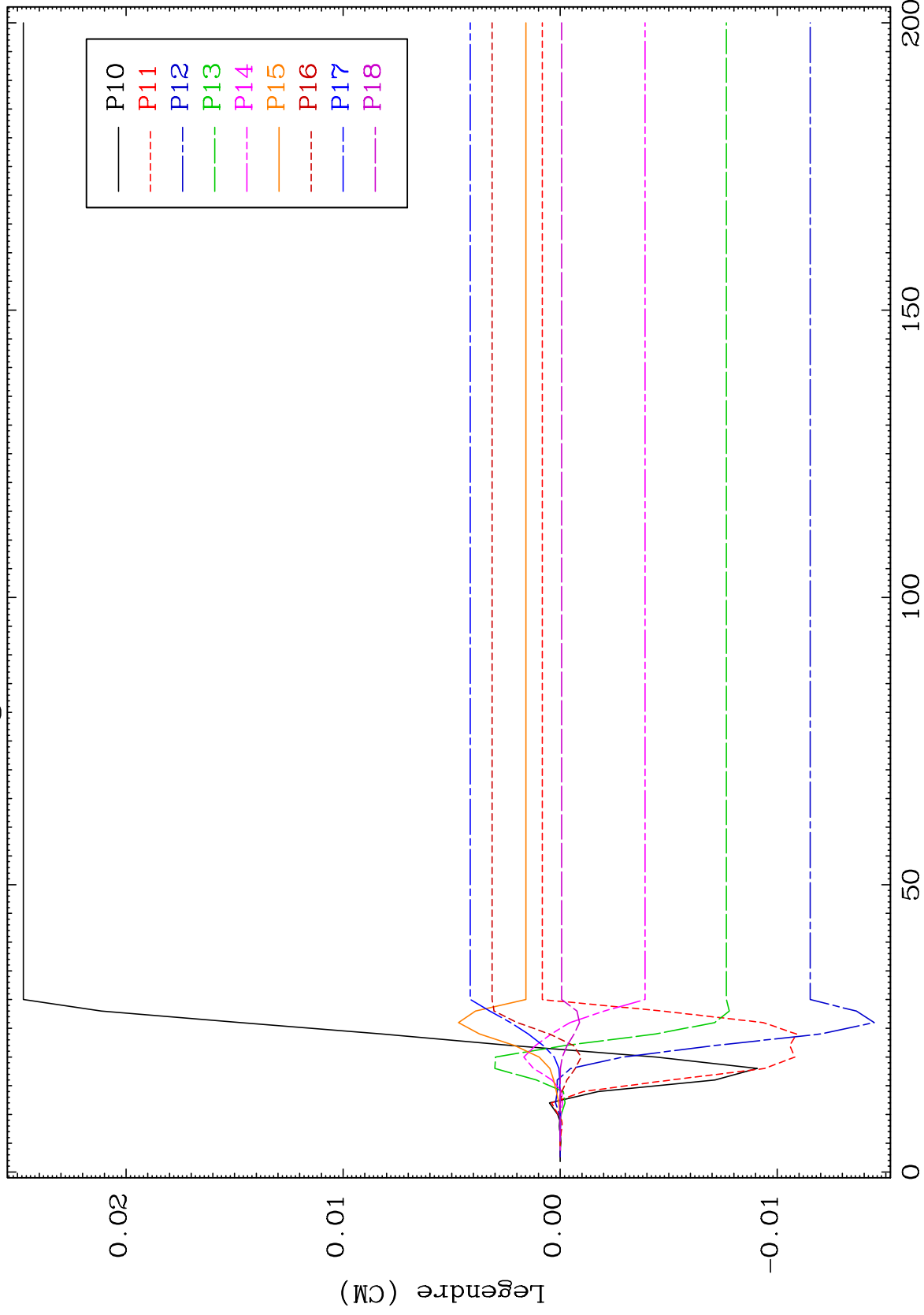
74-W -174

Incident Energy (MeV)

MAT 7407

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

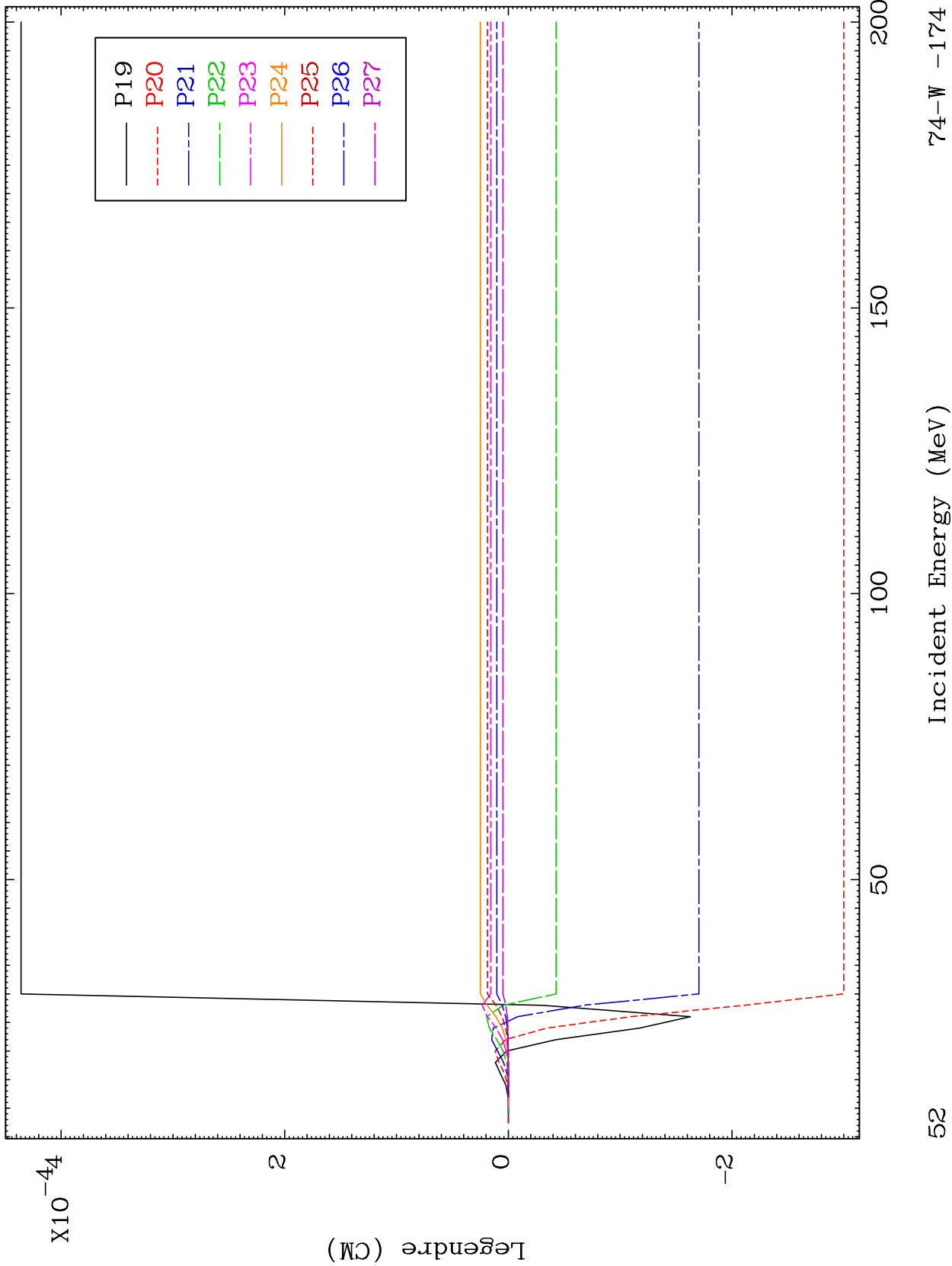
74-W -174

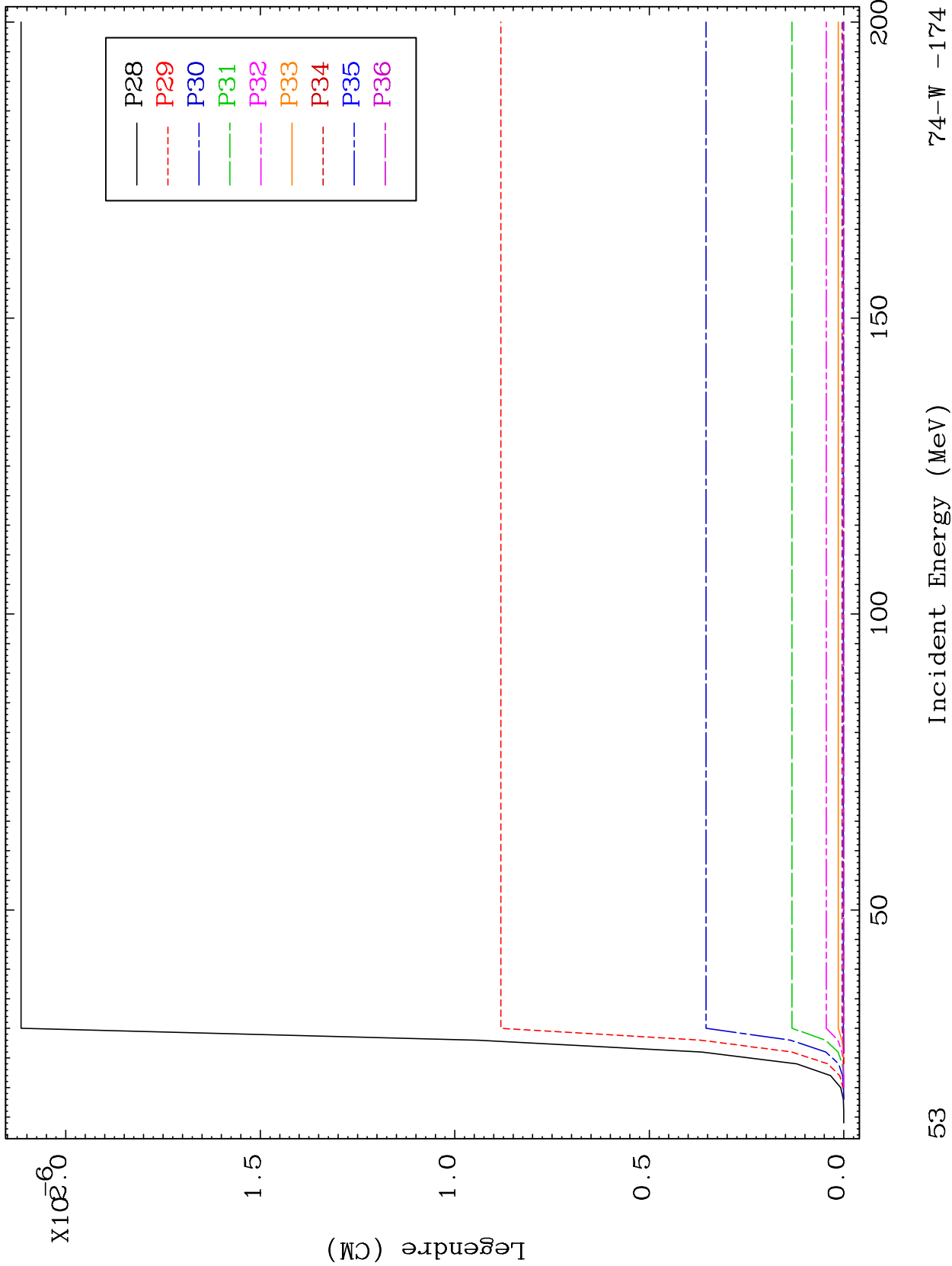


51

Incident Energy (MeV)

74-W -174

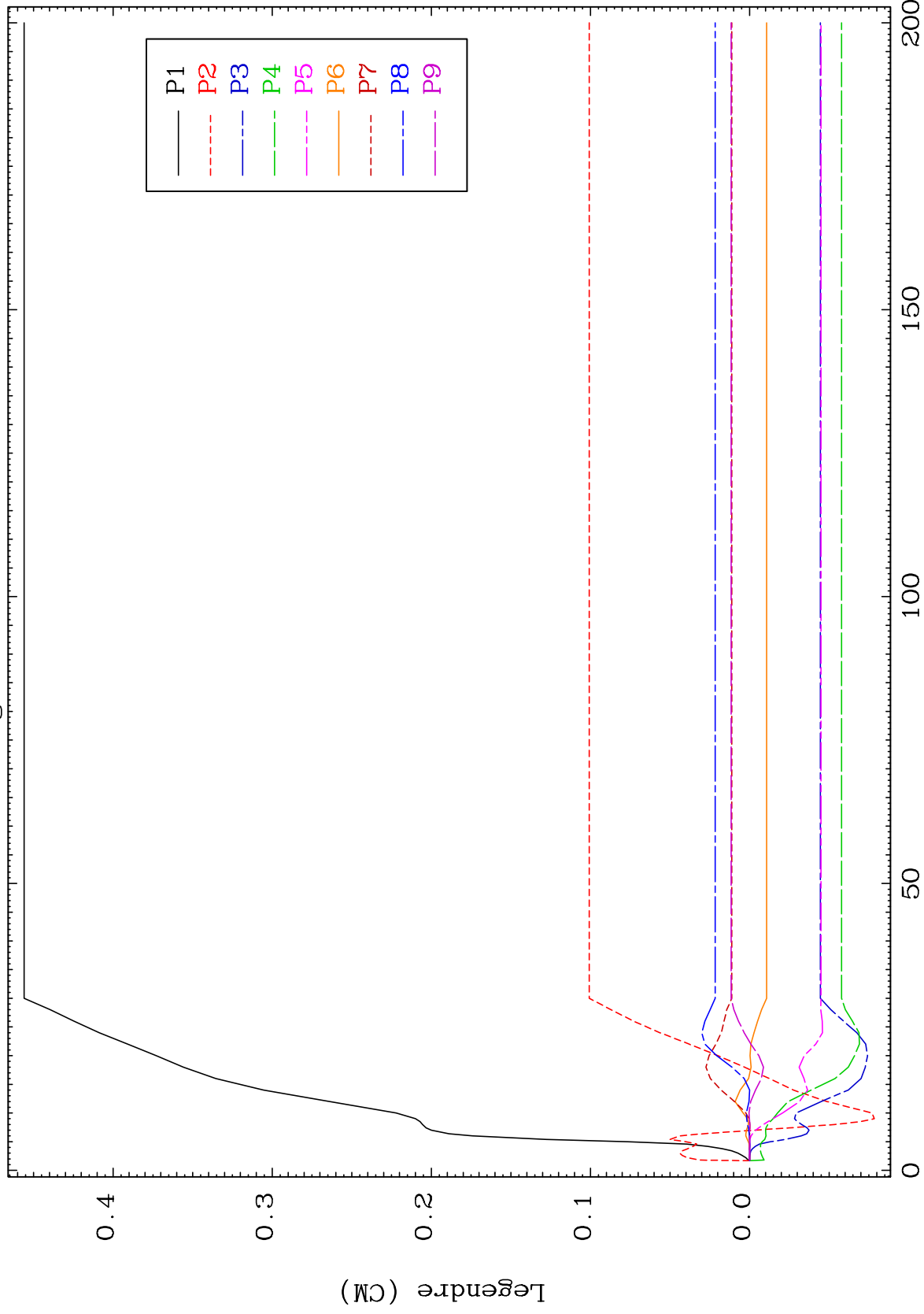




MAT 7407

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

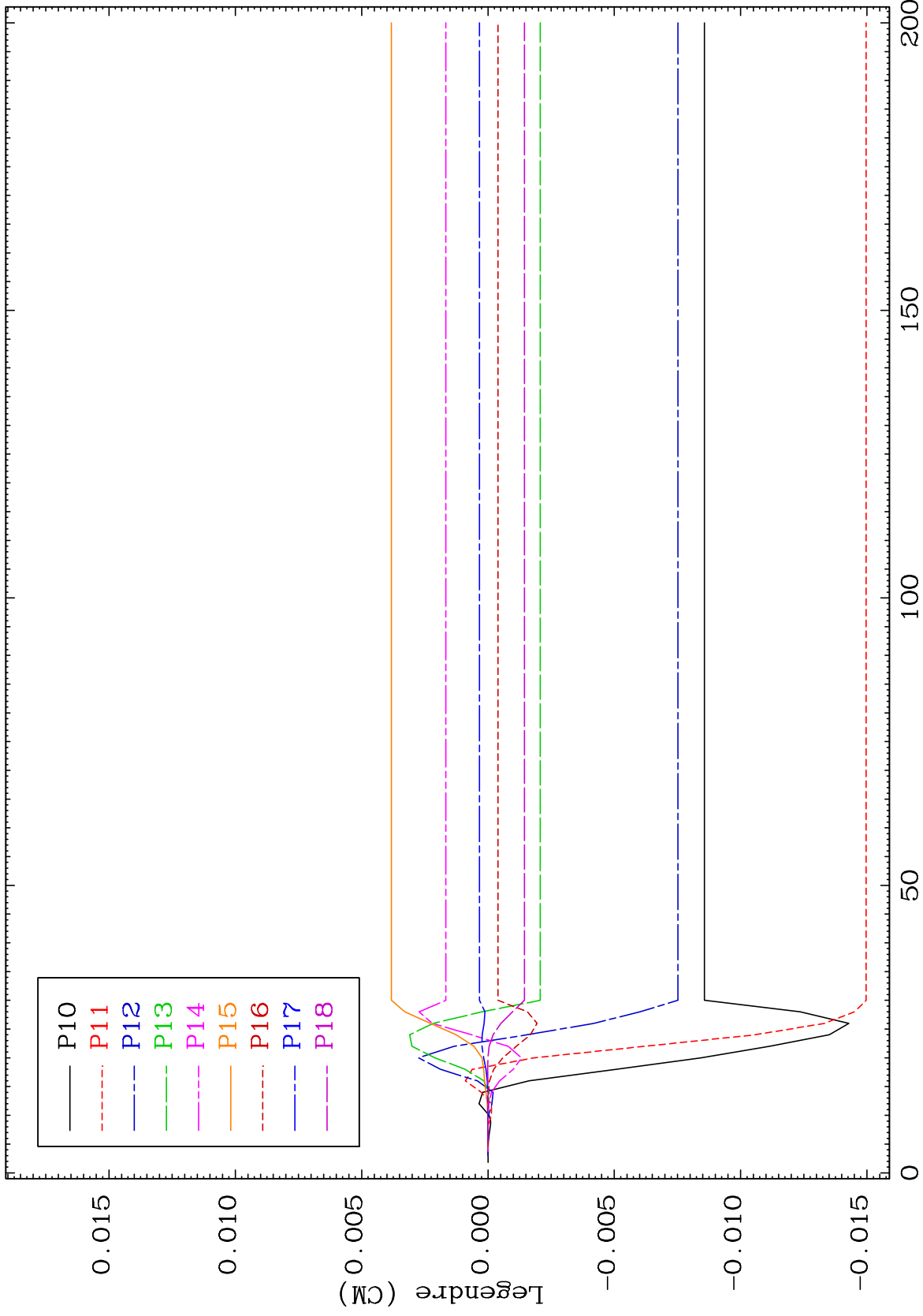
74-W -174

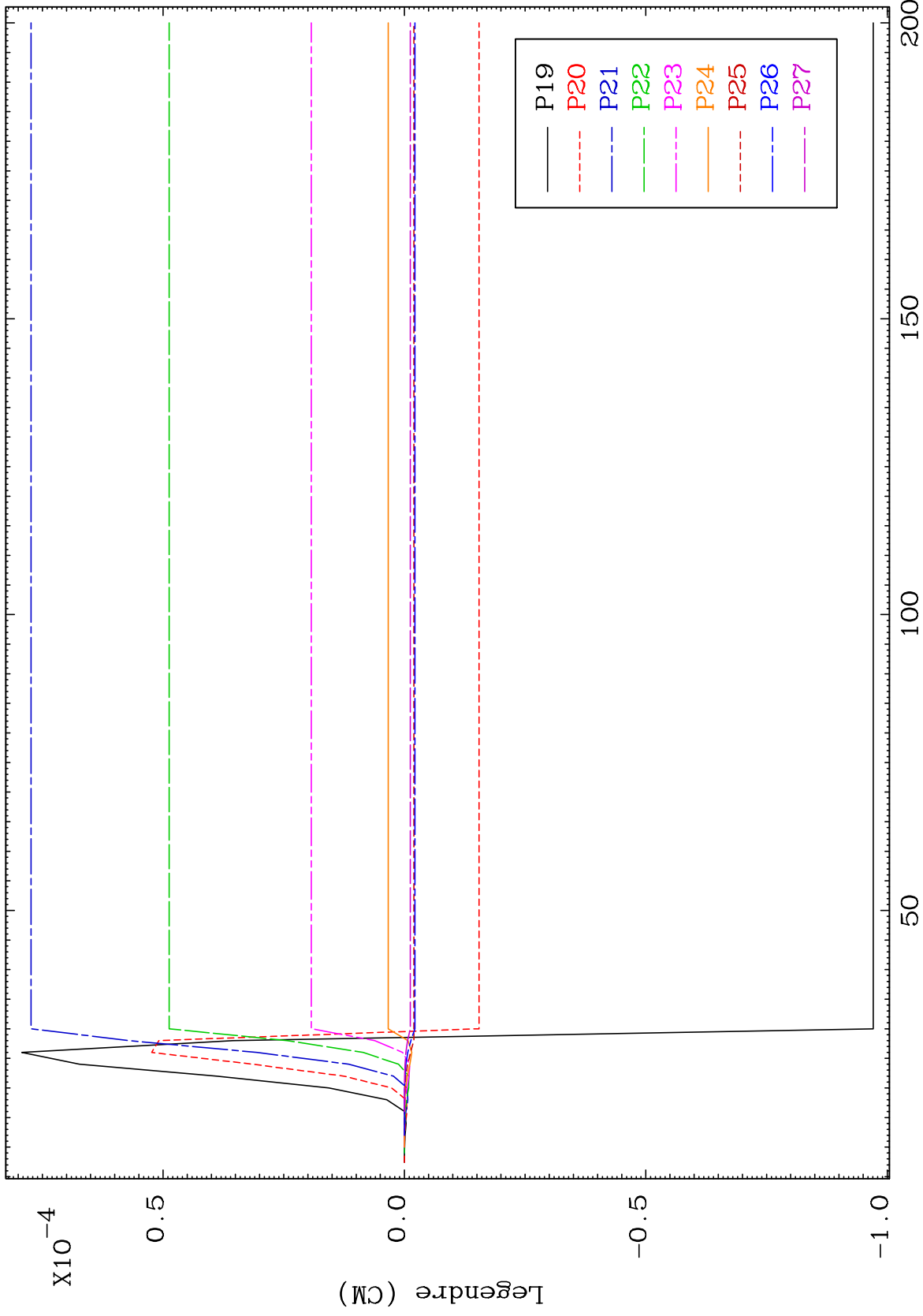


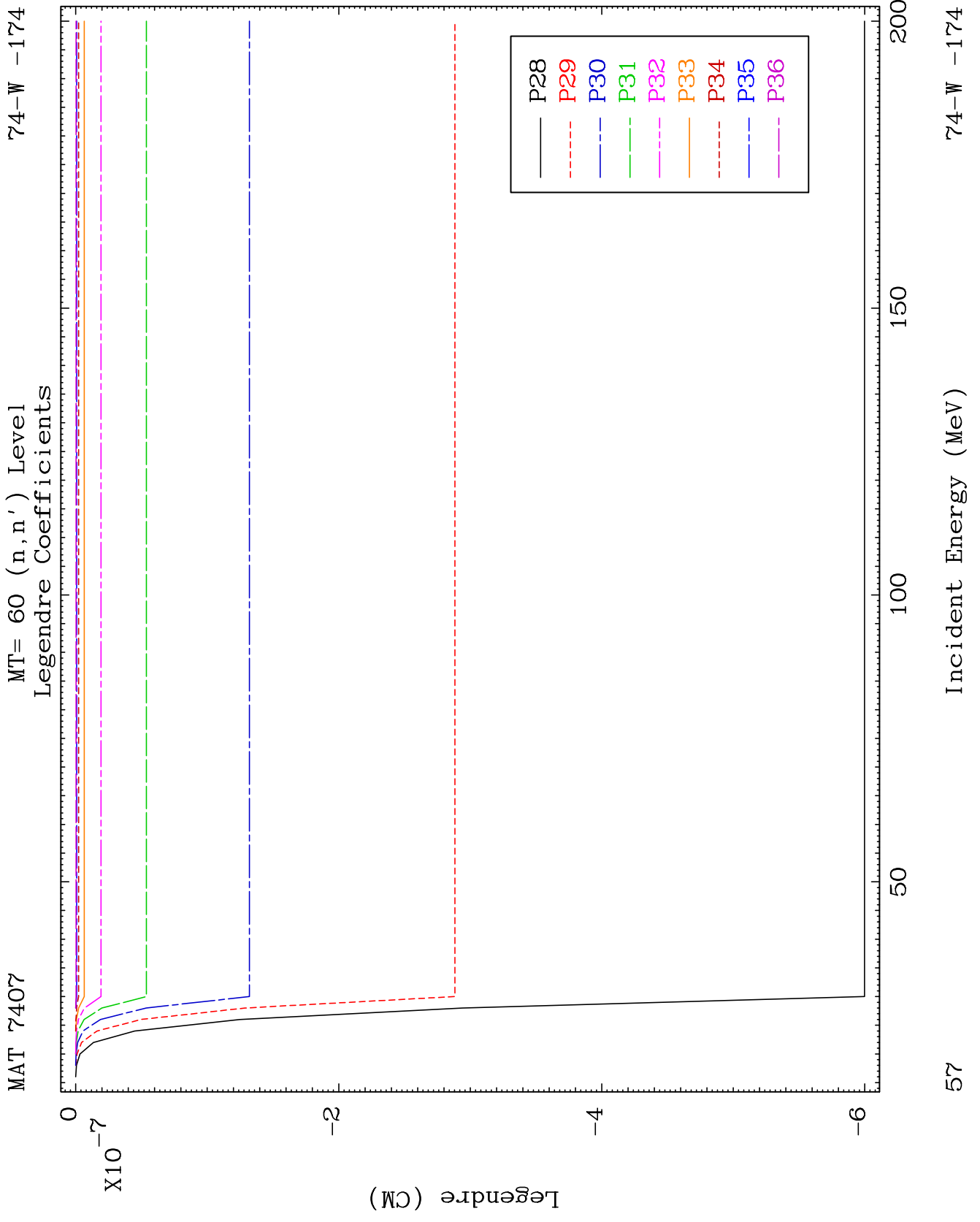
74-W -174

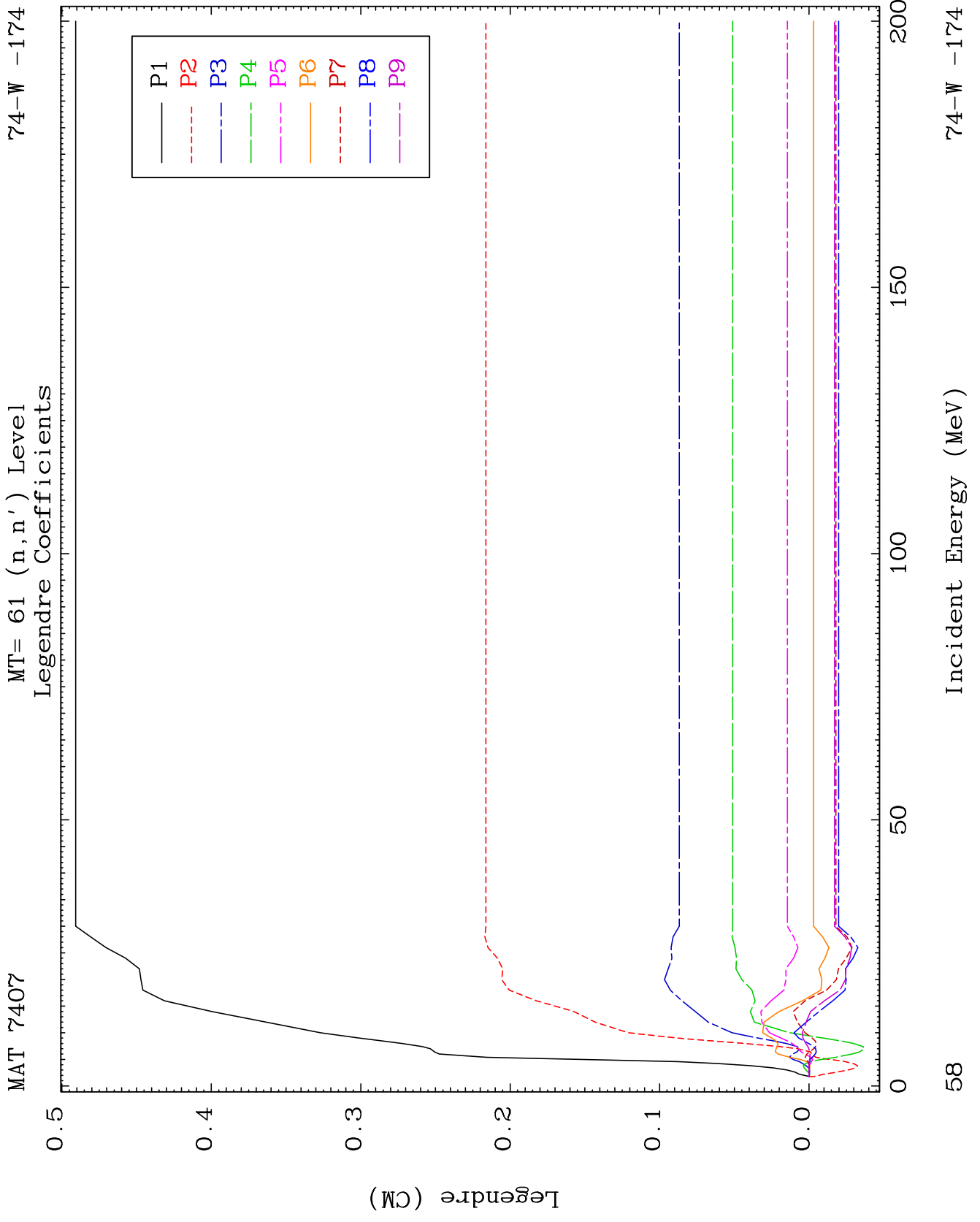
Incident Energy (MeV)

54





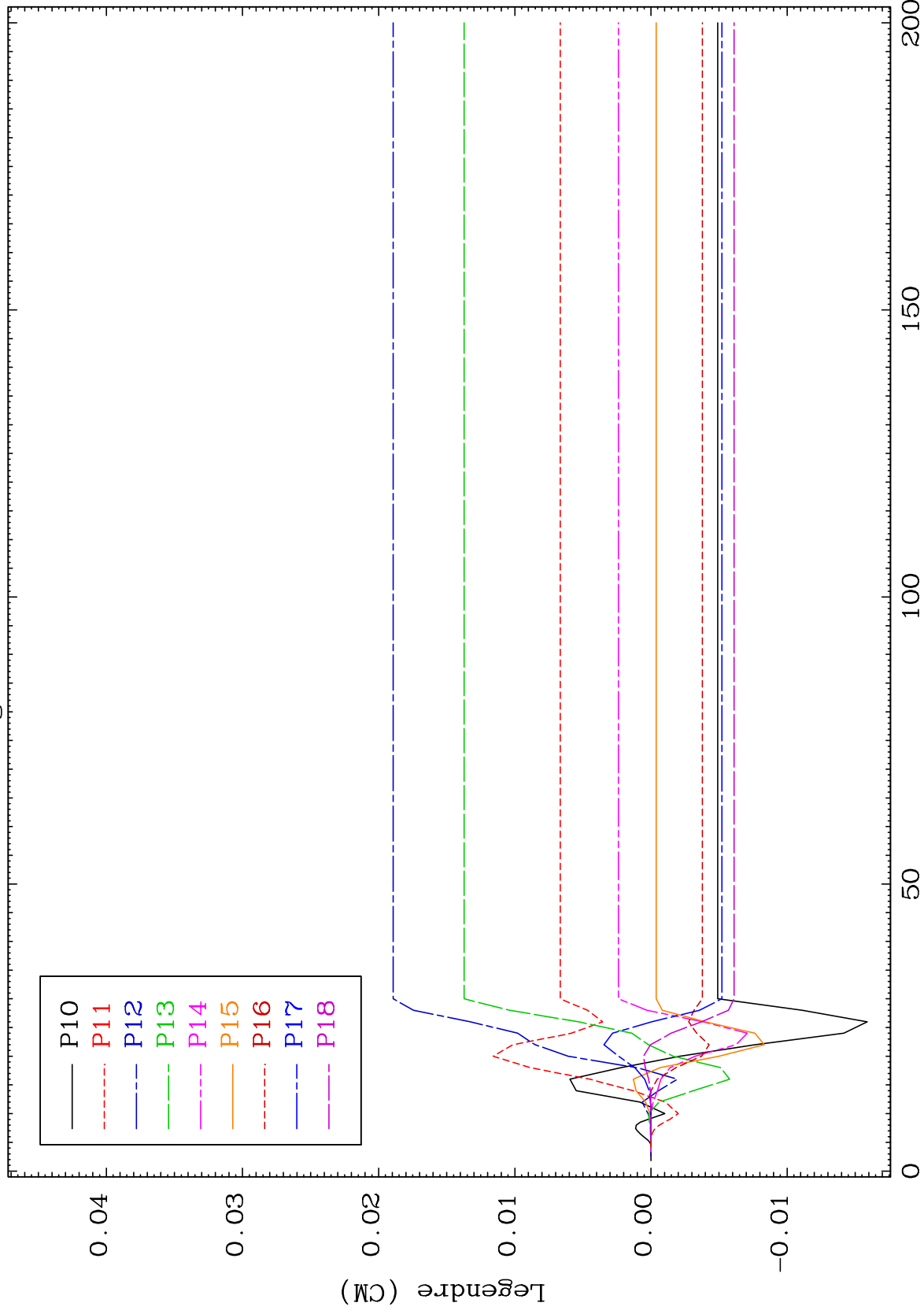




MAT 7407

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

74-W -174



59

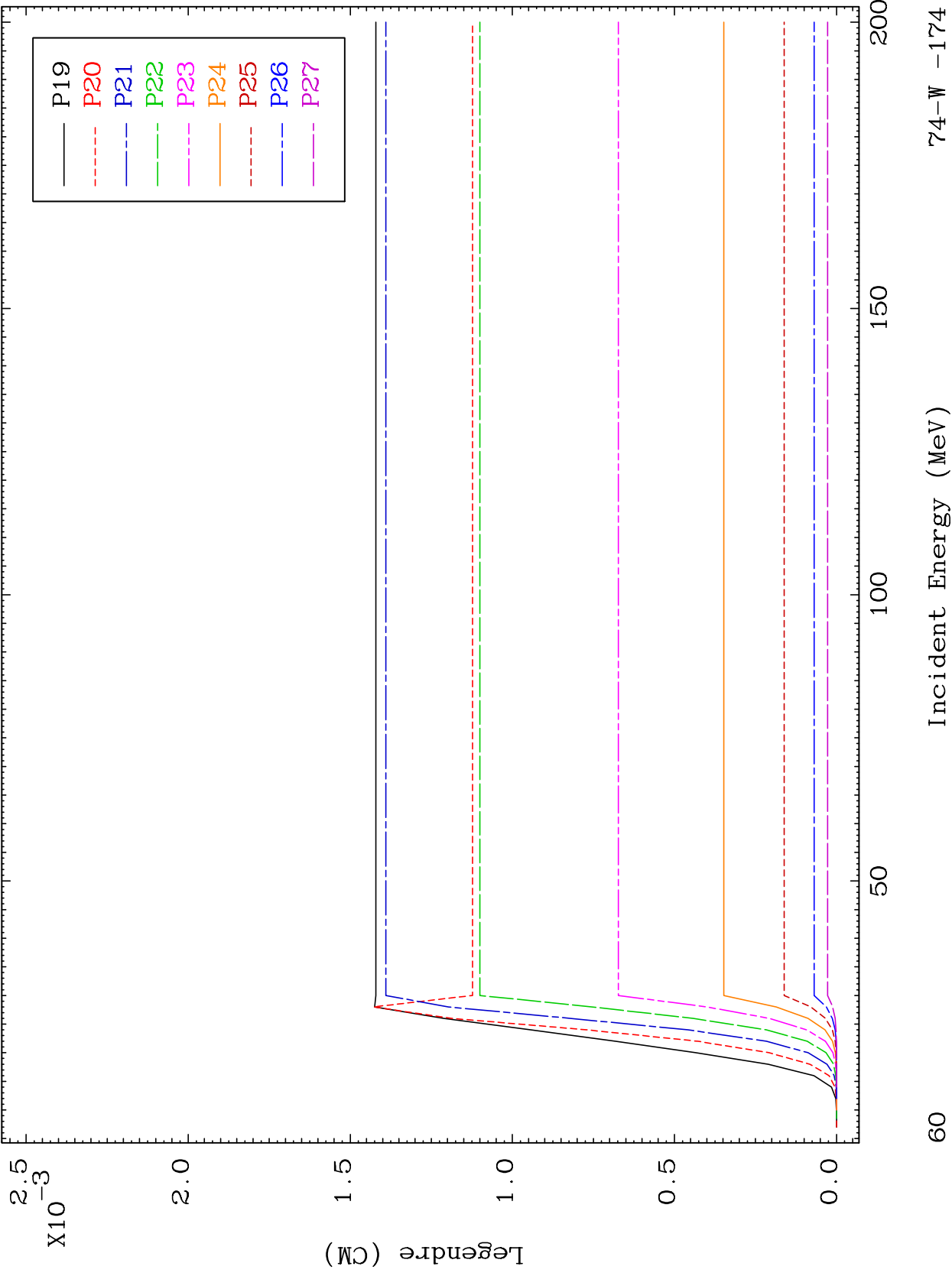
Incident Energy (MeV)

74-W -174

MAT 7407

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

74-W -174



60

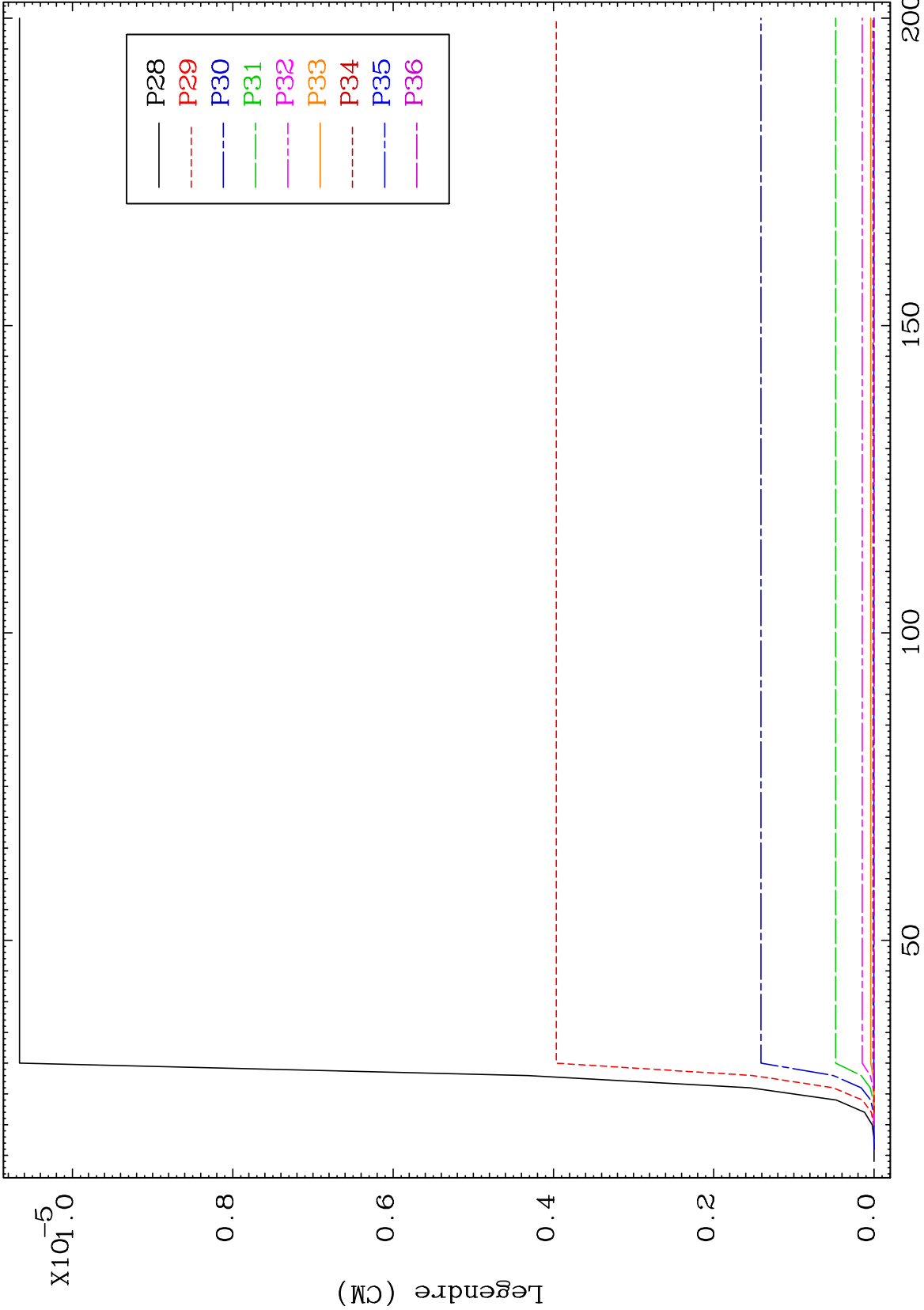
Incident Energy (MeV)

74-W -174

MAT 7407

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

74-W -174



61

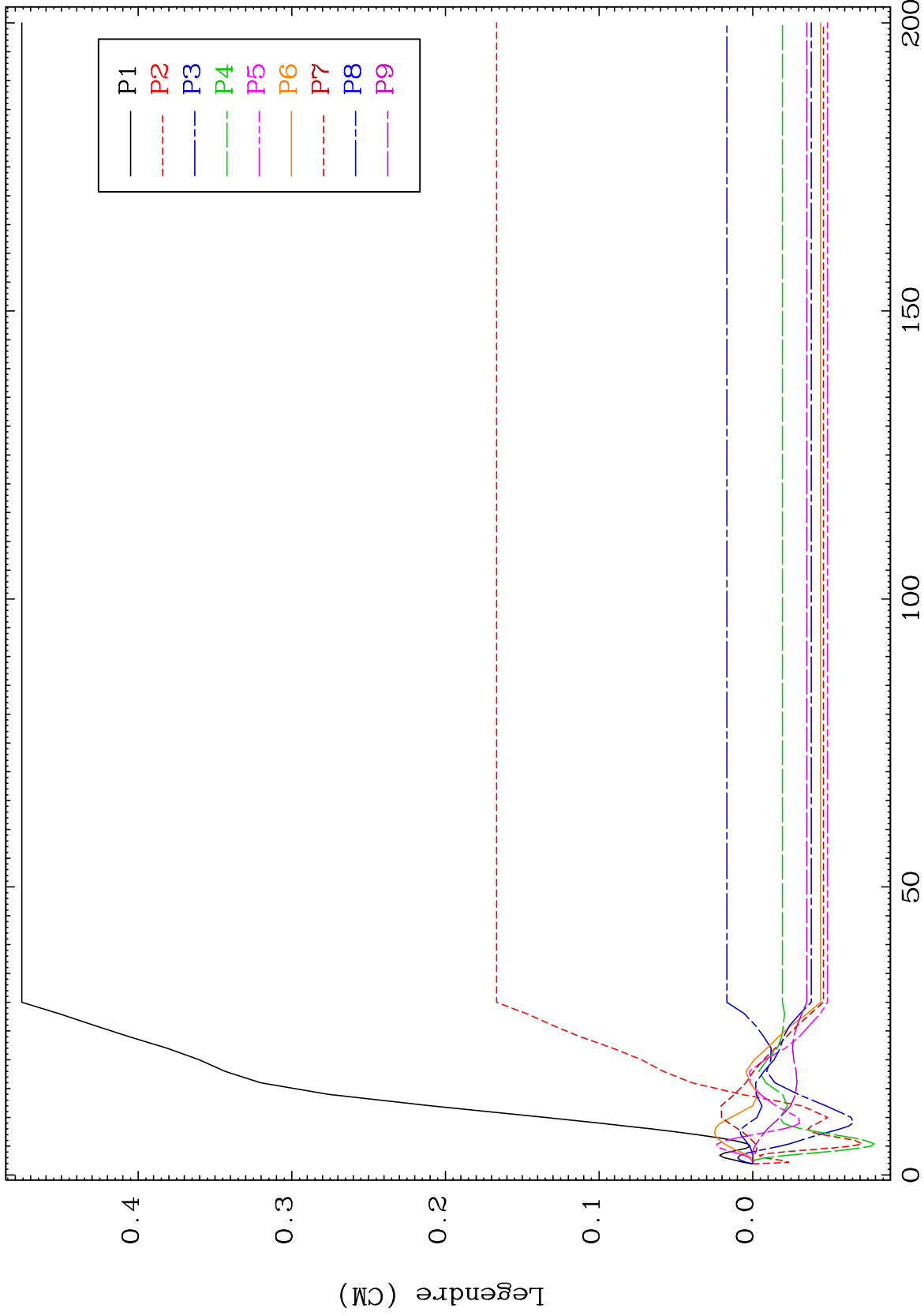
Incident Energy (MeV)

74-W -174

MAT 7407

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

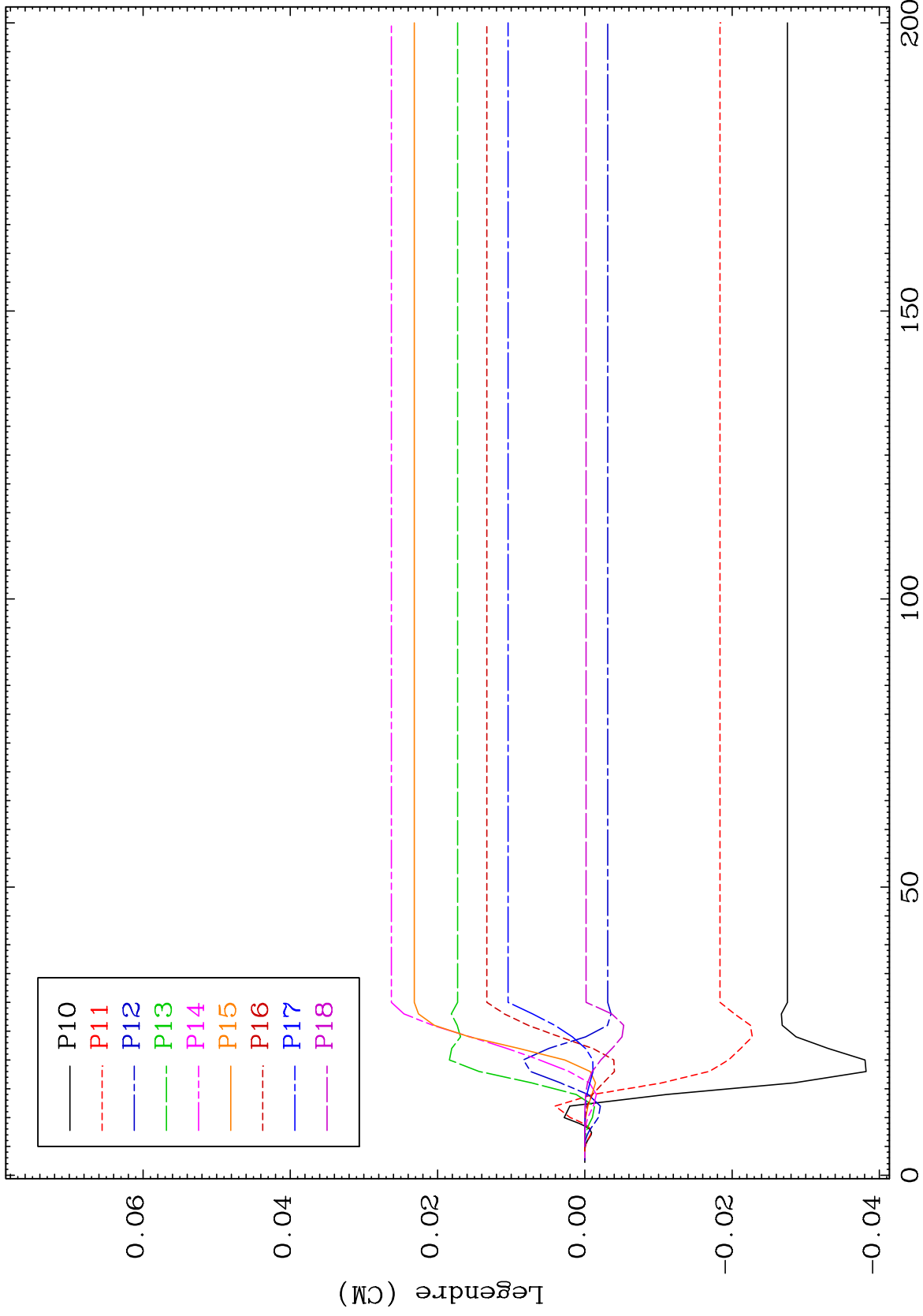
74-W -174



62

Incident Energy (MeV)

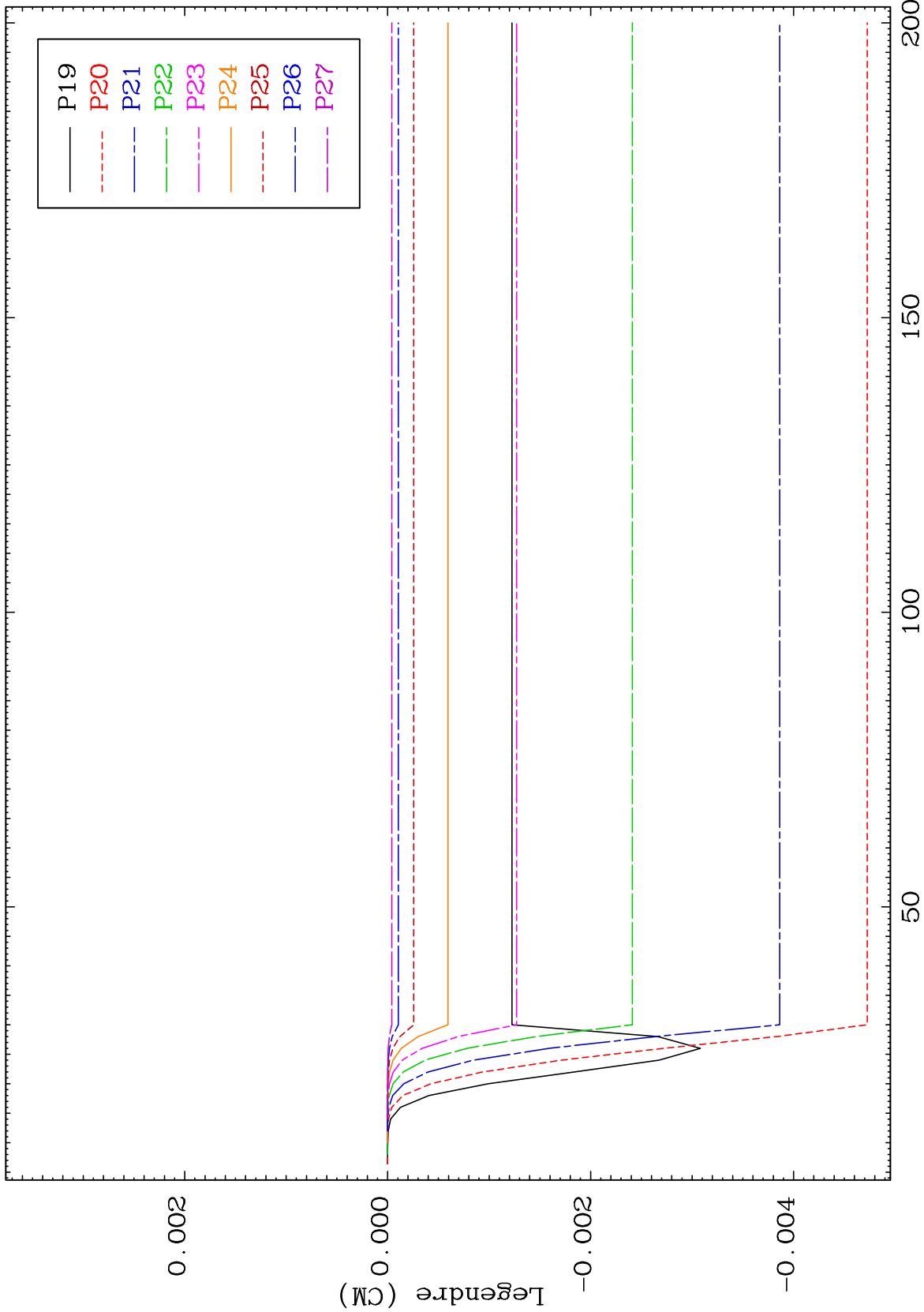
74-W -174



MAT 7407

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

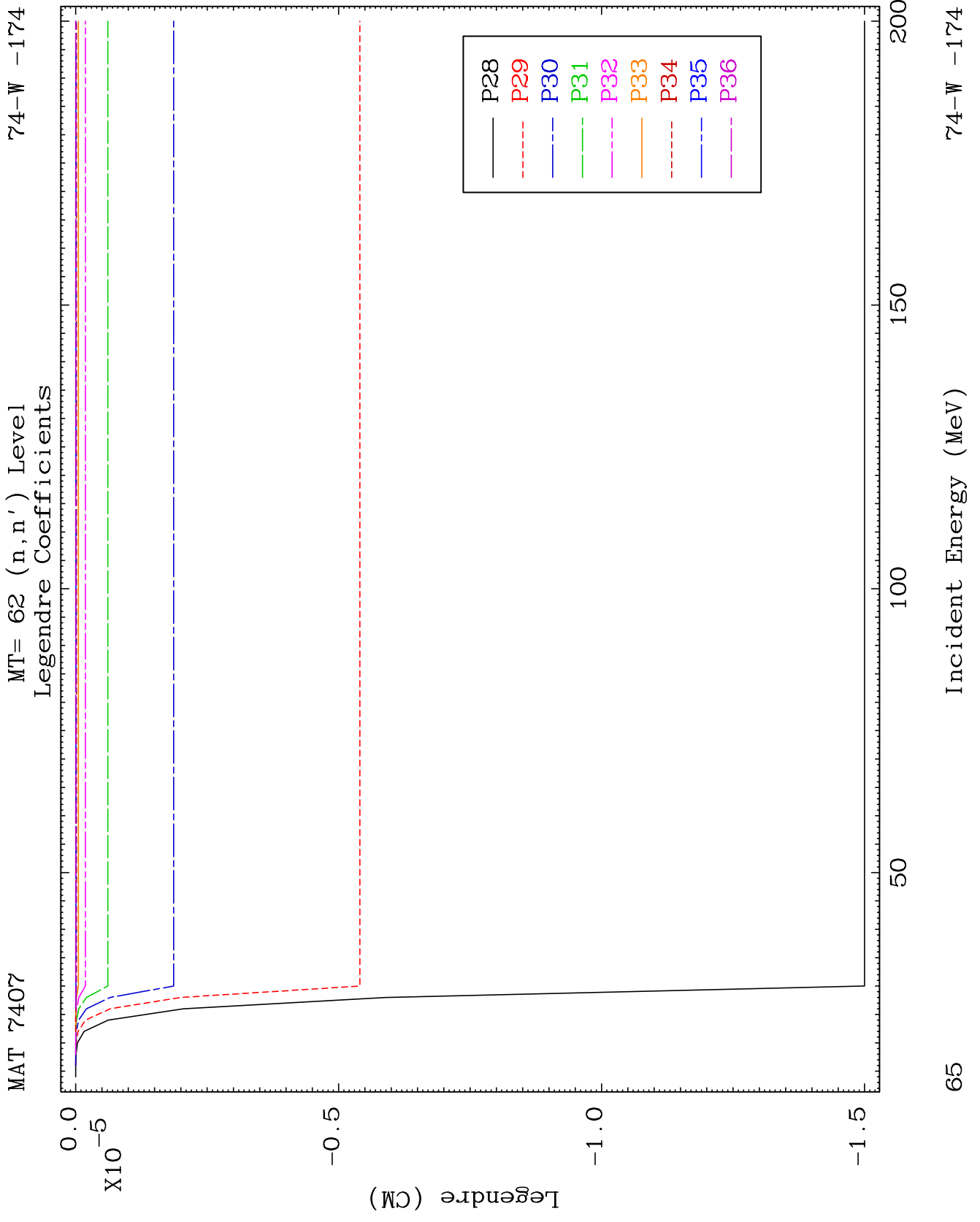
74-W -174



64

Incident Energy (MeV)

74-W -174

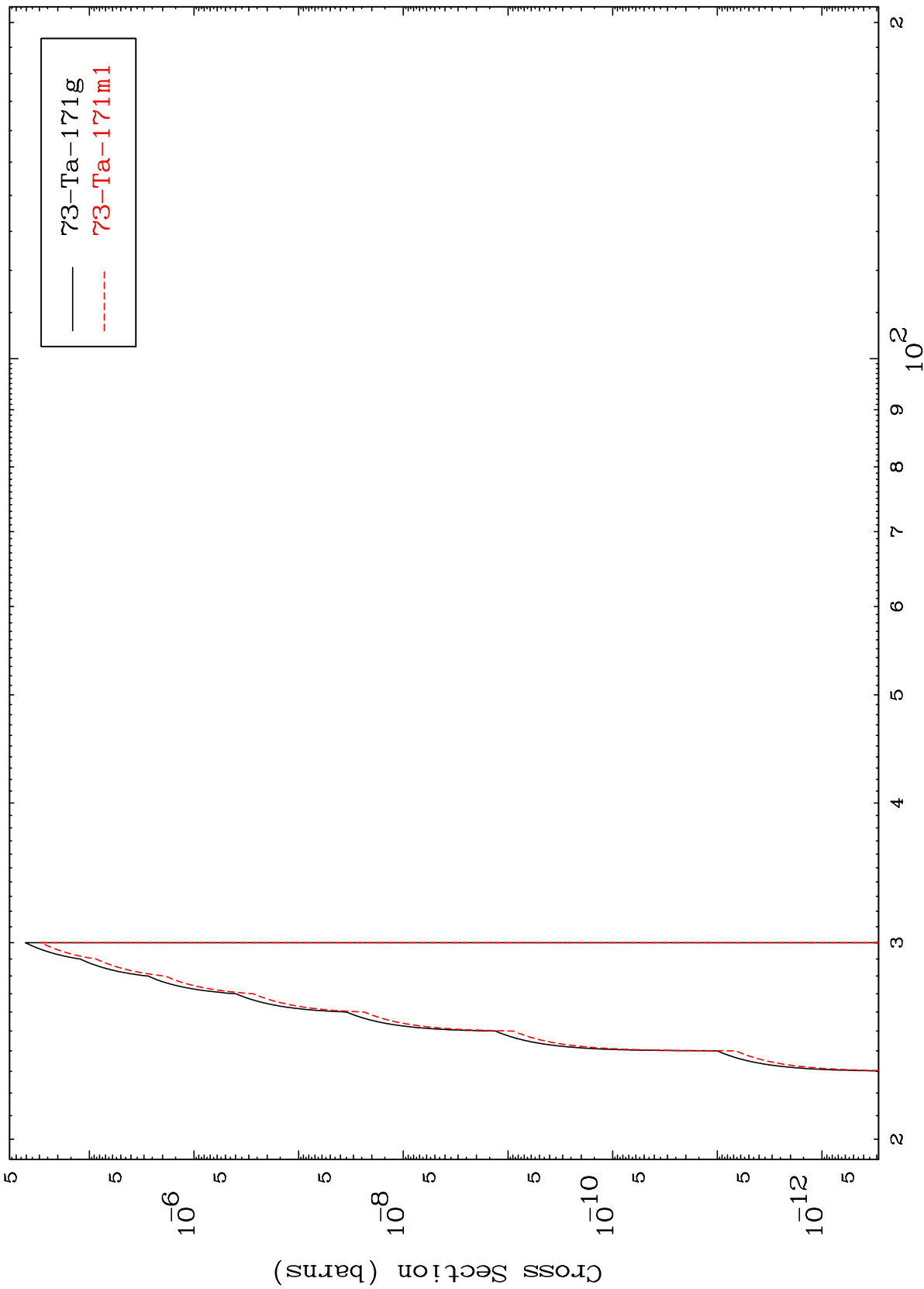


MAT 7407

(n,2n) d

74-W -174

Radionuclide Production Cross Section

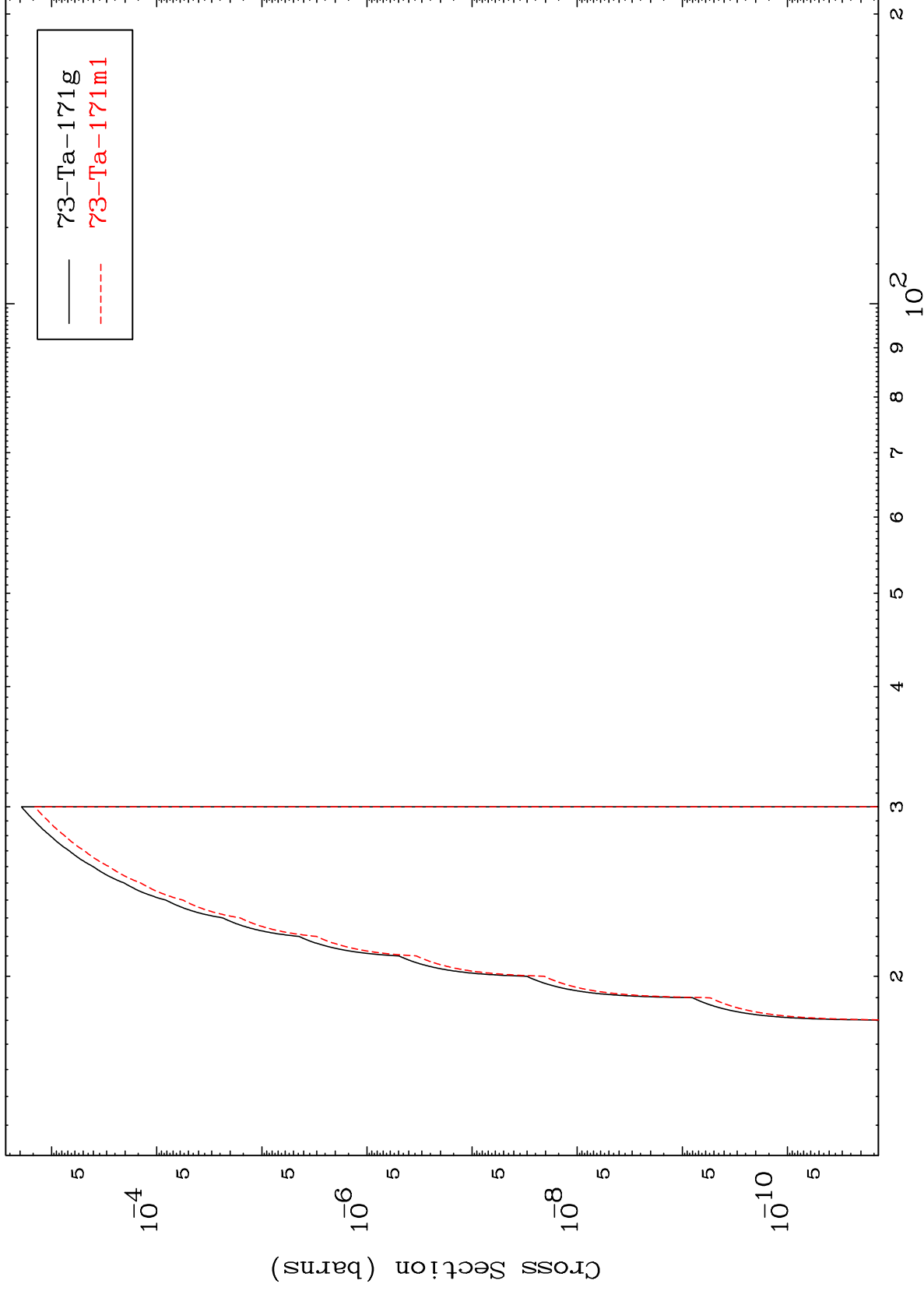


66

Incident Energy (MeV)

74-W -174

Radionuclide Production Cross Section

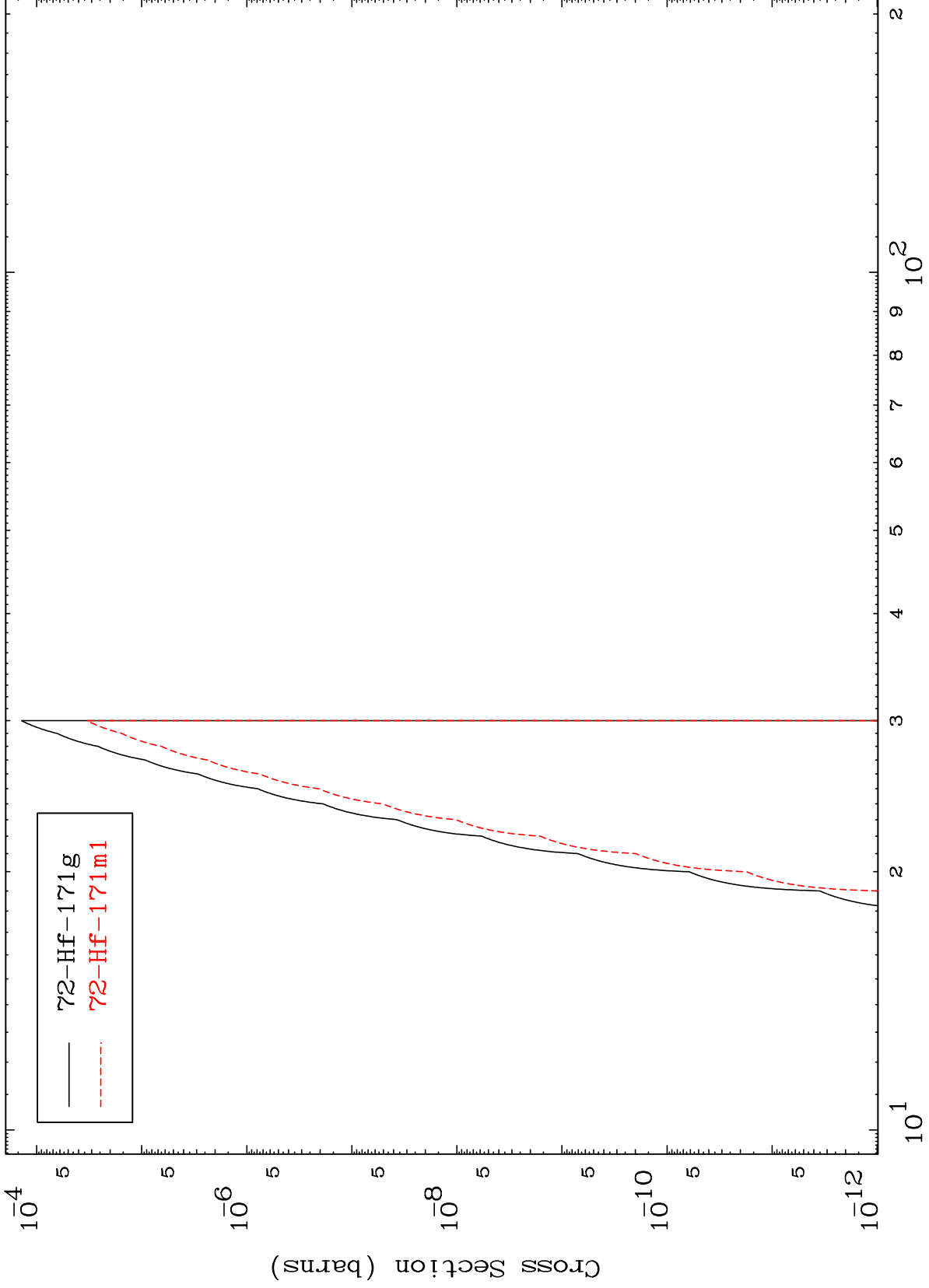


MAT 7407

(n,n') He-3

74-W -174

Radionuclide Production Cross Section

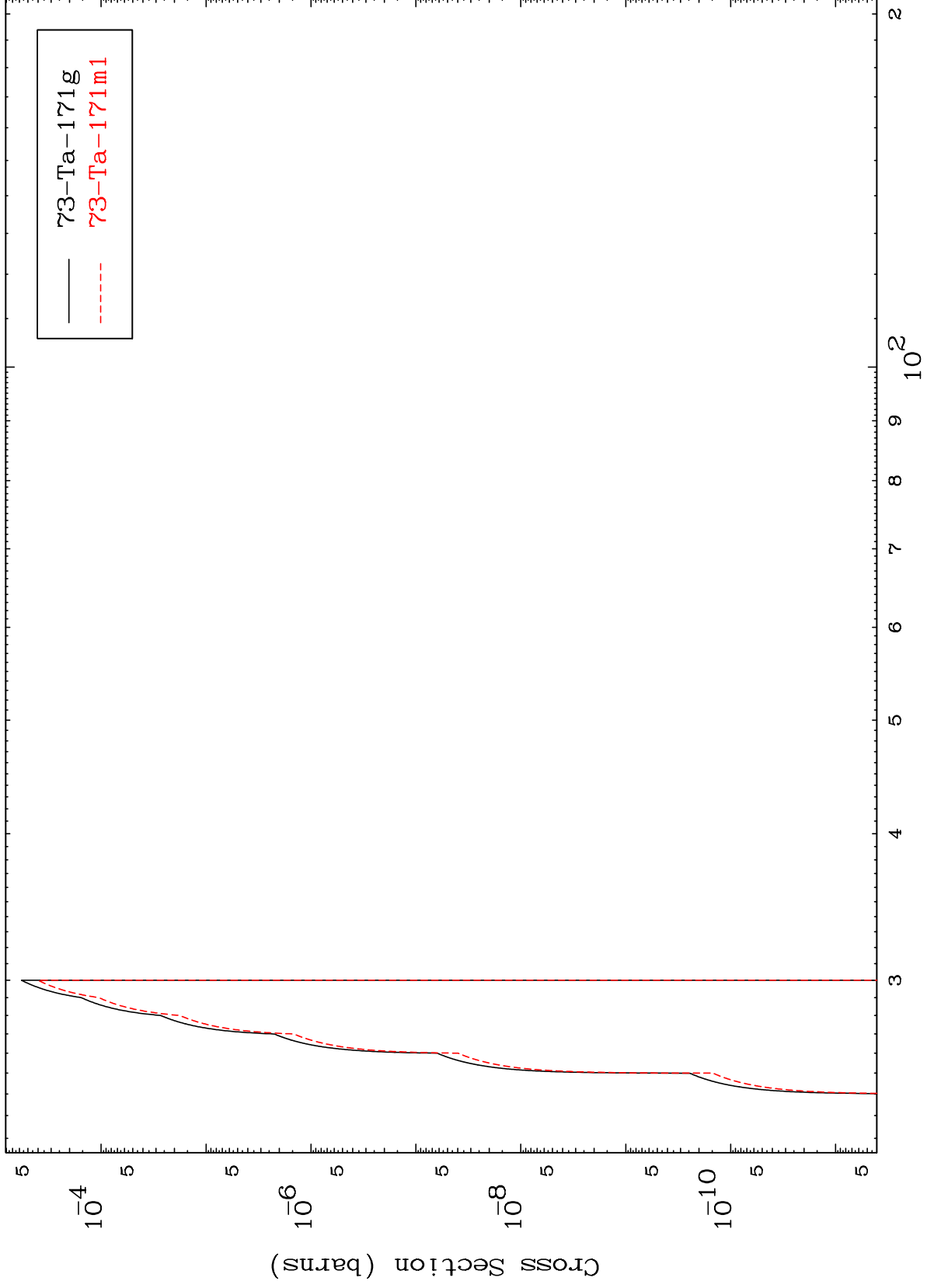


68

Incident Energy (MeV)

74-W -174

Radionuclide Production Cross Section

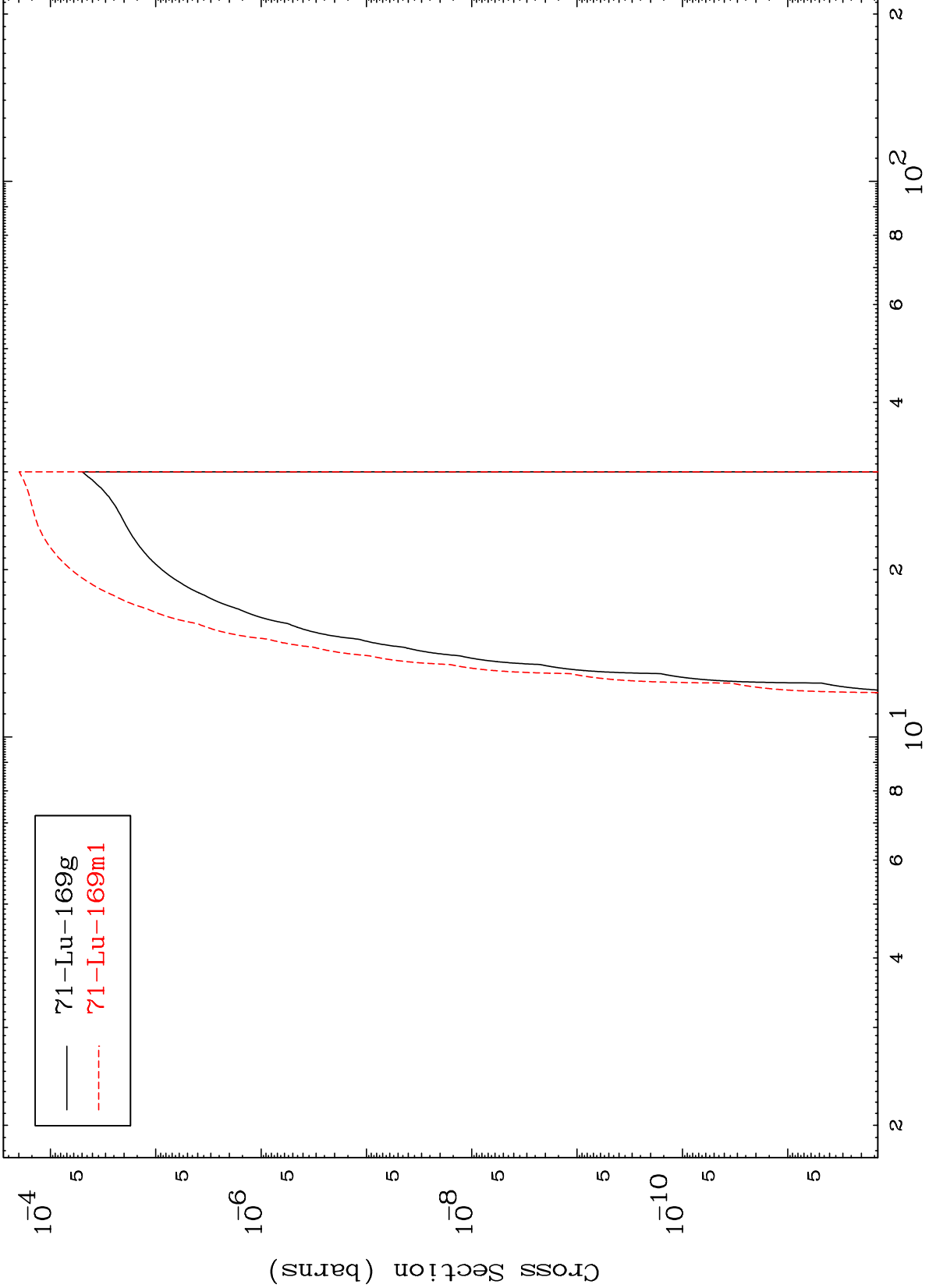


MAT 7407

(n,n') p α

74-W -174

Radionuclide Production Cross Section



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

70

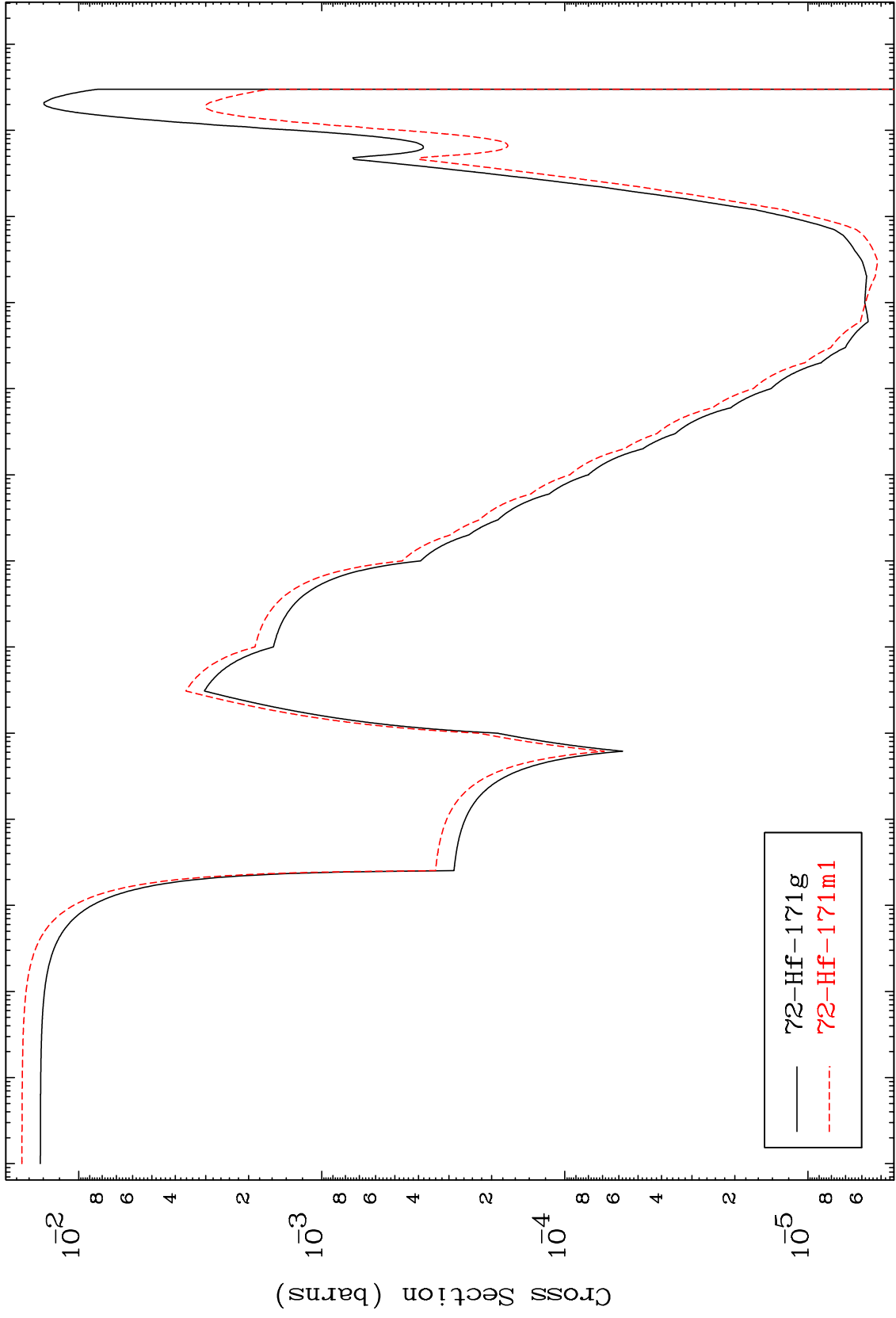
Incident Energy (MeV)

74-W -174

MAT 7407

74-W -174

Radionuclide Production Cross Section
(n, α)



74-W -174

Incident Energy (MeV)

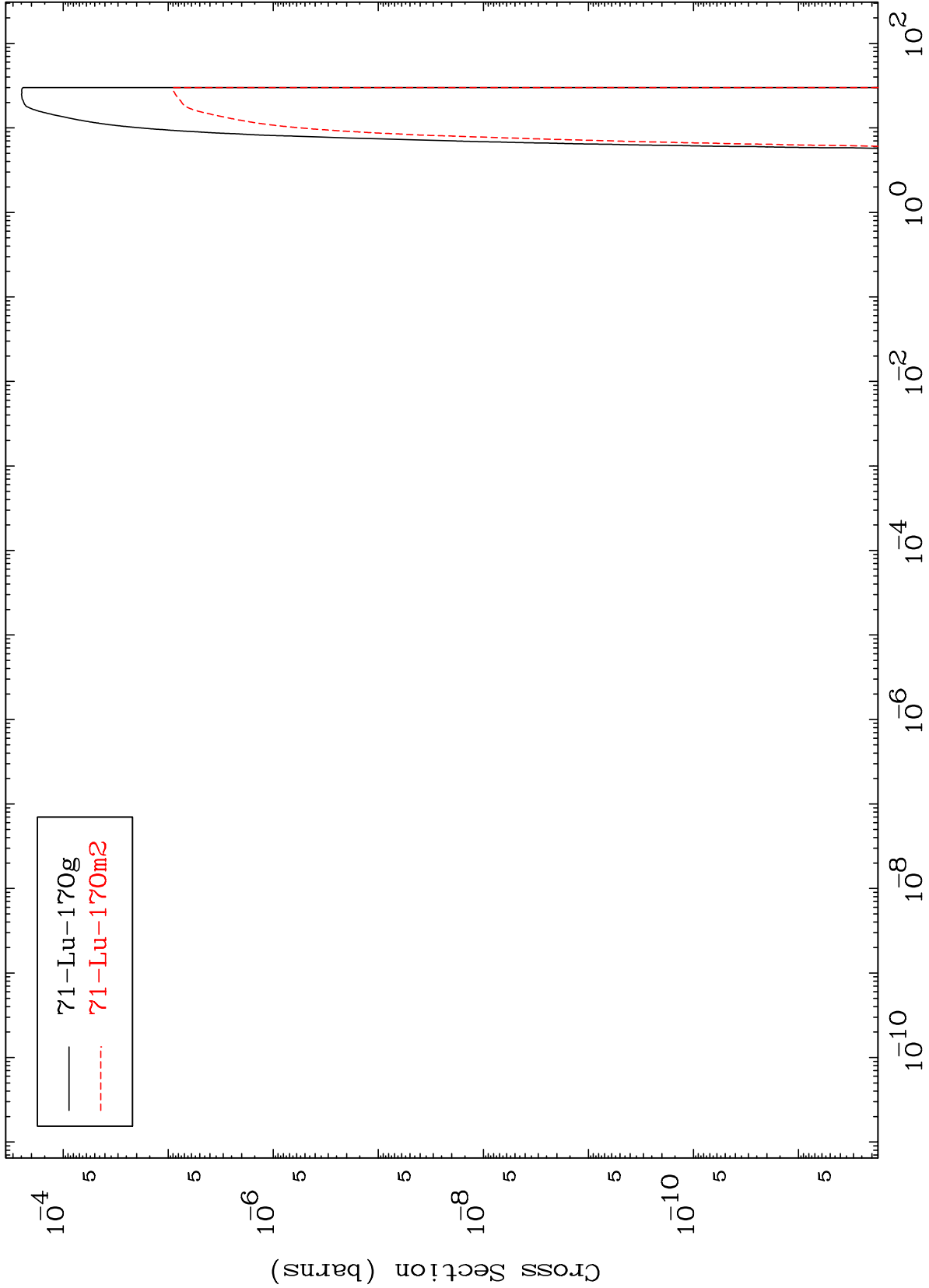
71

MAT 7407

(n,p) α

74-W -174

Radionuclide Production Cross Section



— 71-Lu-170g
- - - 71-Lu-170m2

72

Incident Energy (MeV)

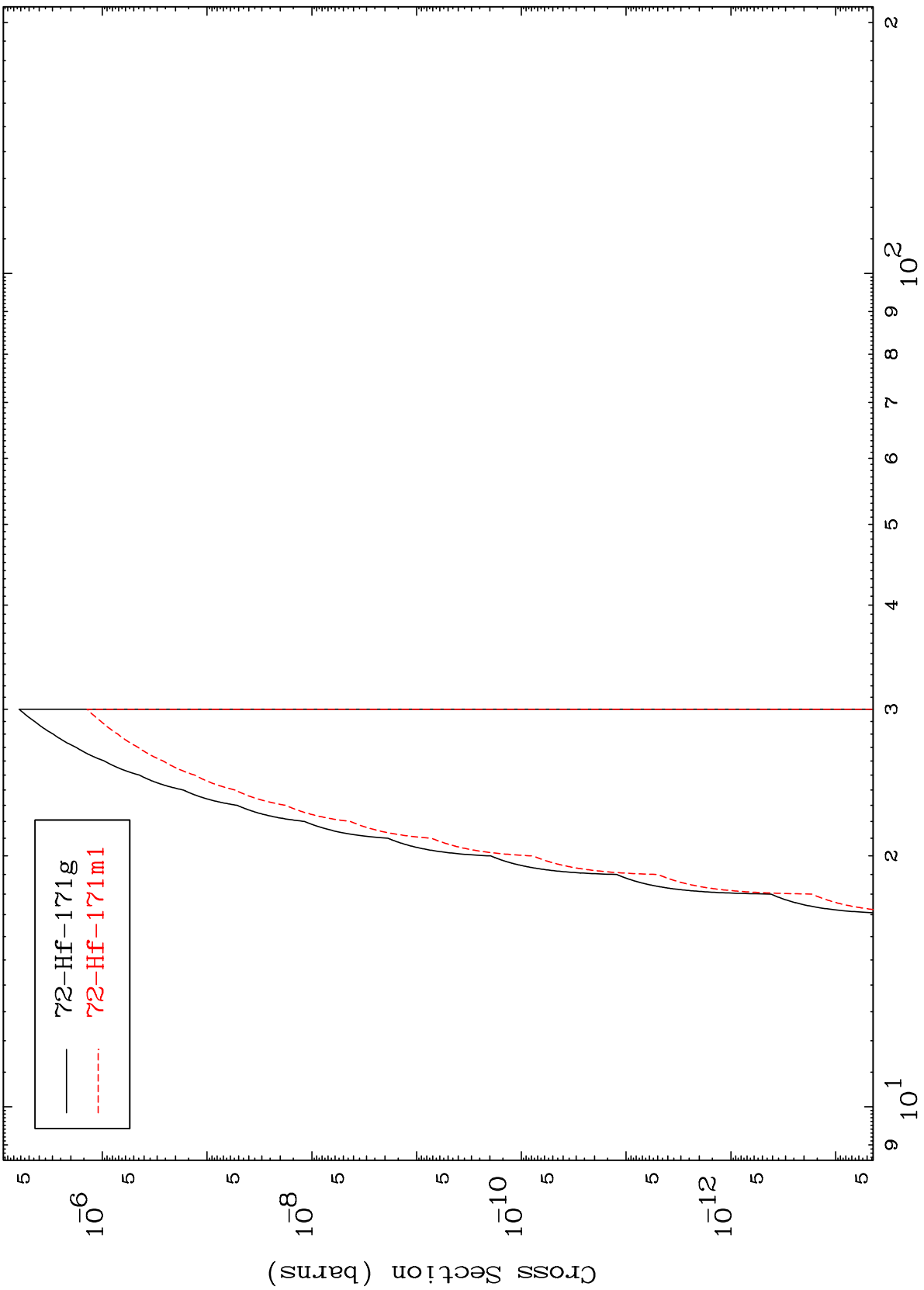
74-W -174

MAT 7407

(n,p) t

74-W -174

Radionuclide Production Cross Section



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

73

Incident Energy (MeV)

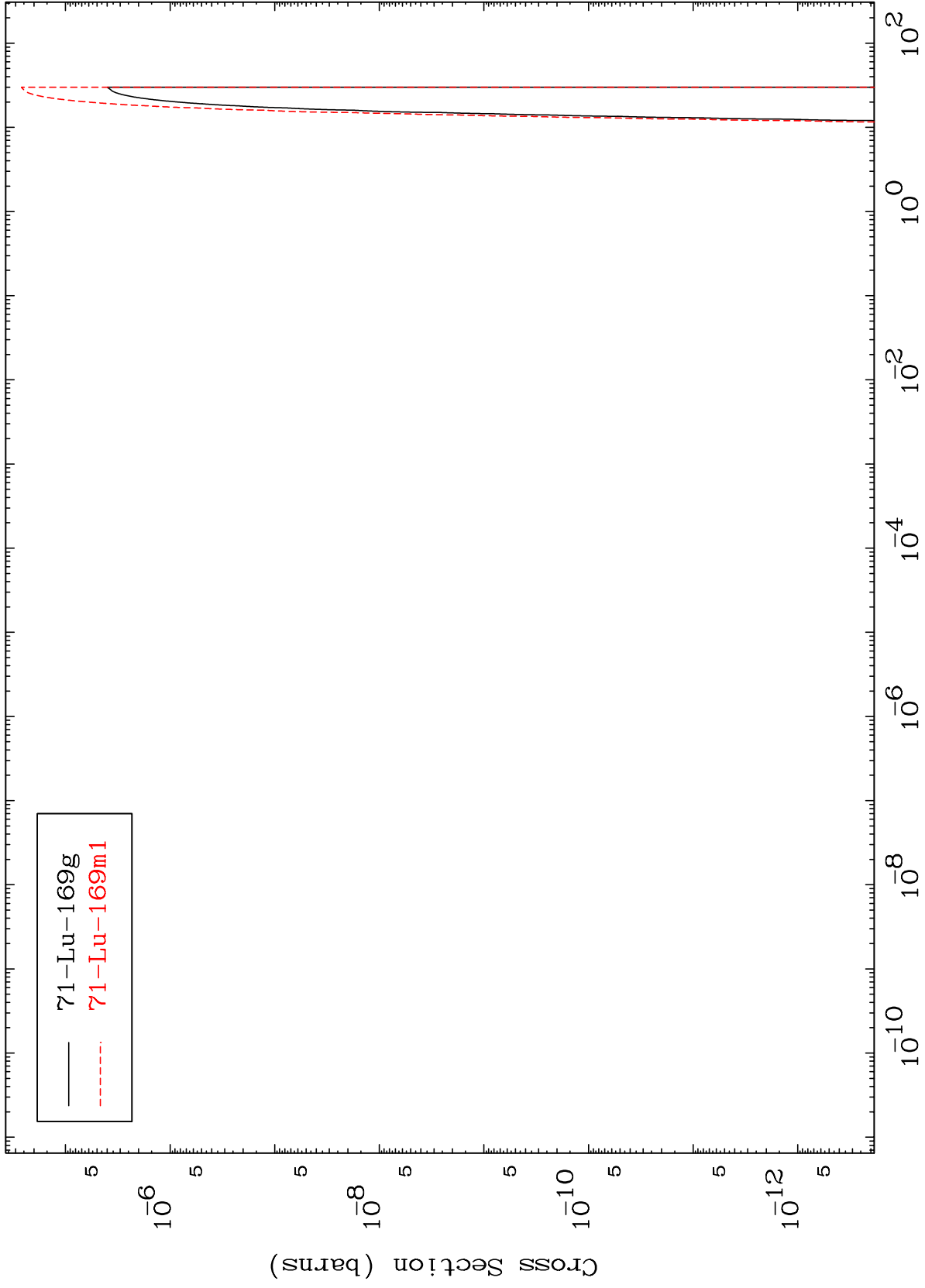
74-W -174

MAT 7407

(n,d) α

74-W -174

Radionuclide Production Cross Section



74

Incident Energy (MeV)

74-W -174