

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

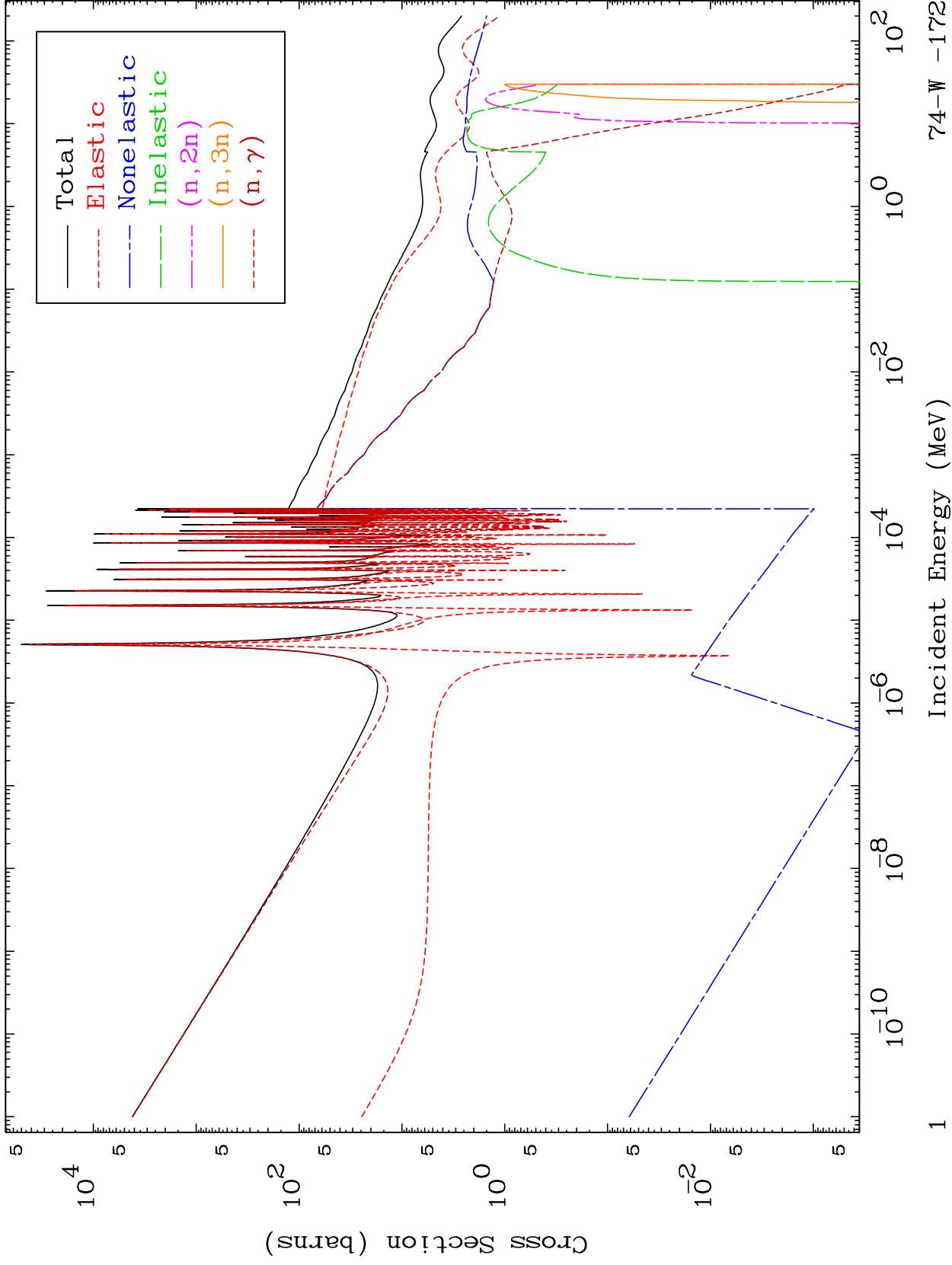
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

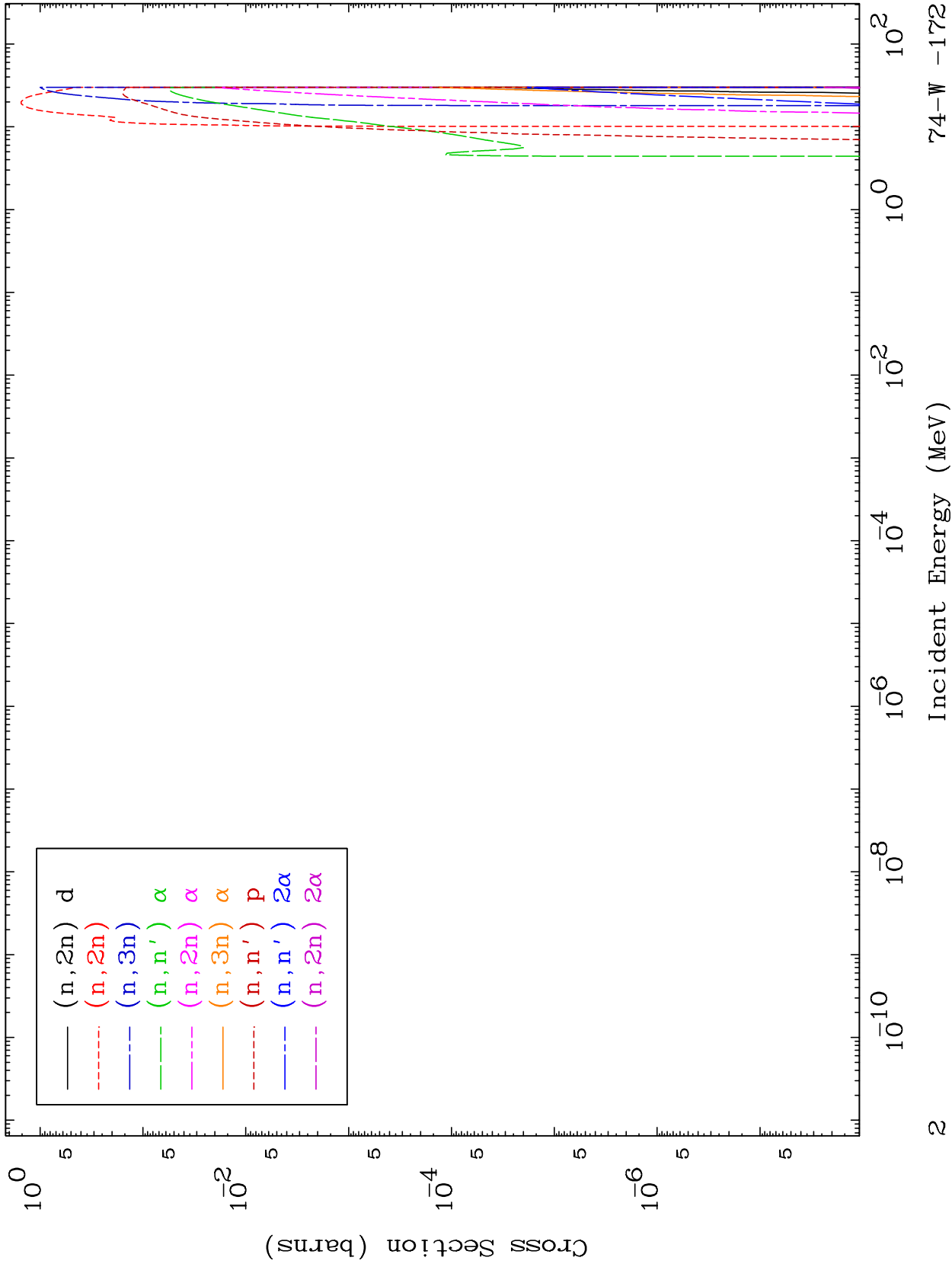
Press Mouse Button to Start

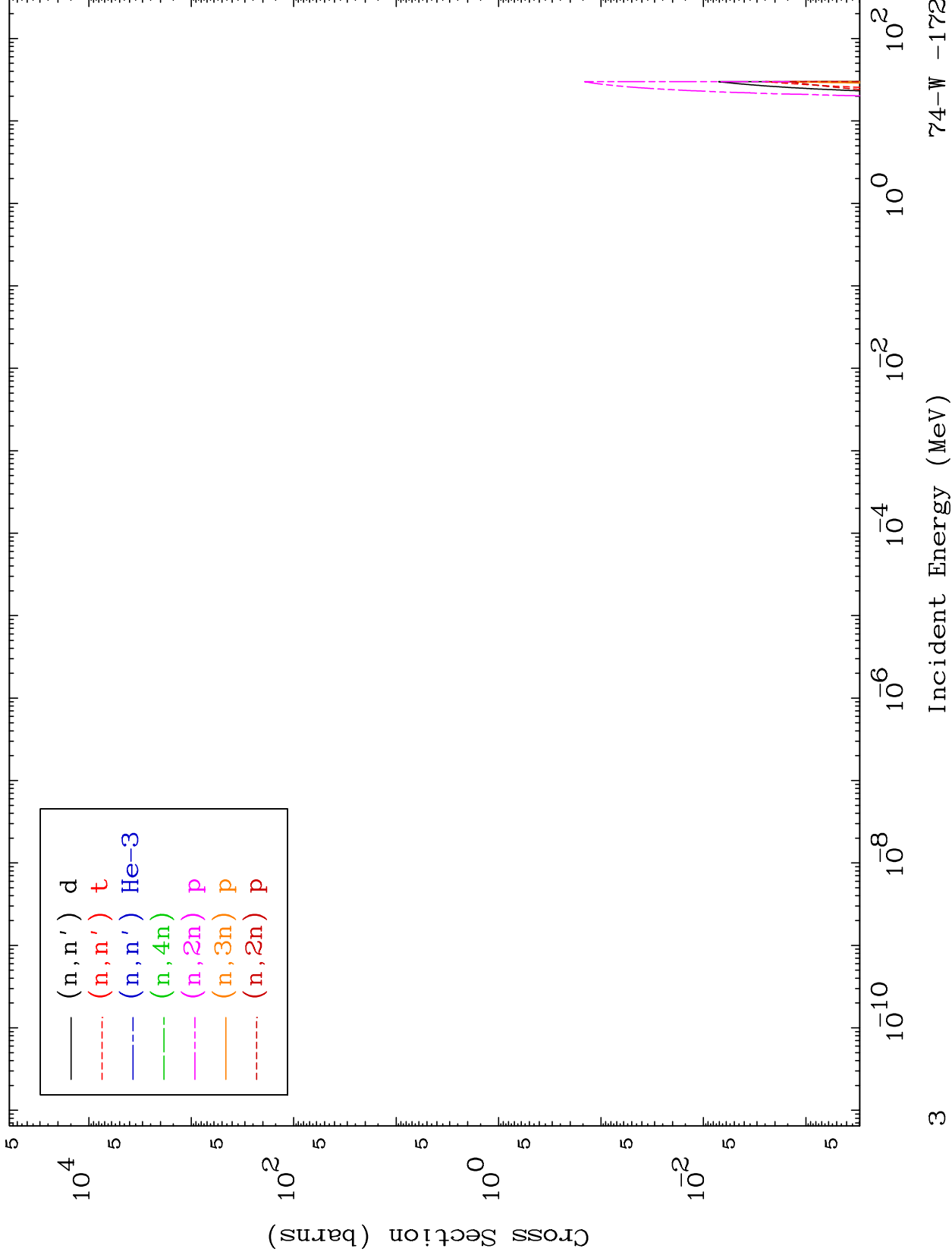


MAT 7401

Neutron Absorption
293 Kelvin Cross Sections

74-W -172

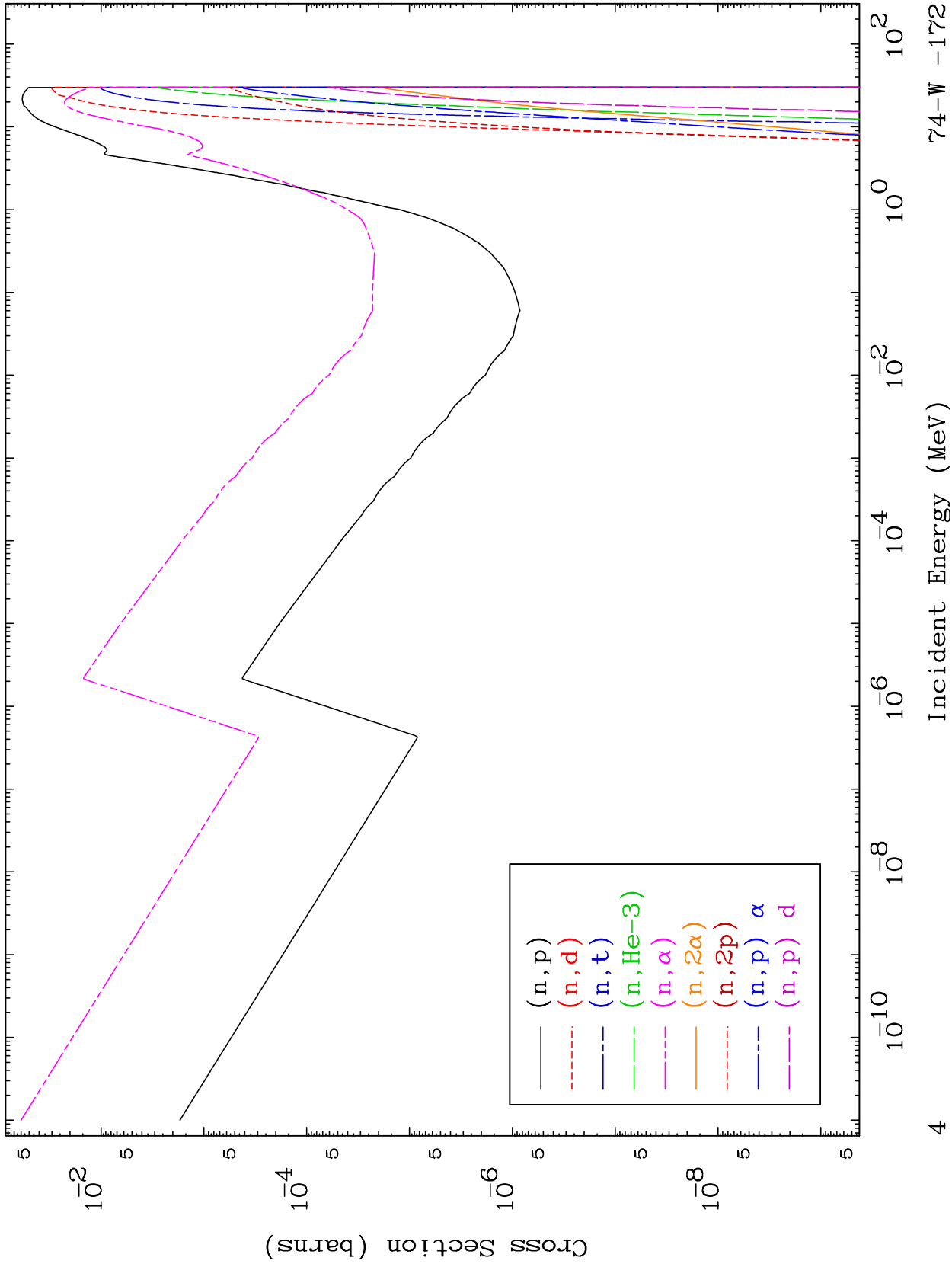


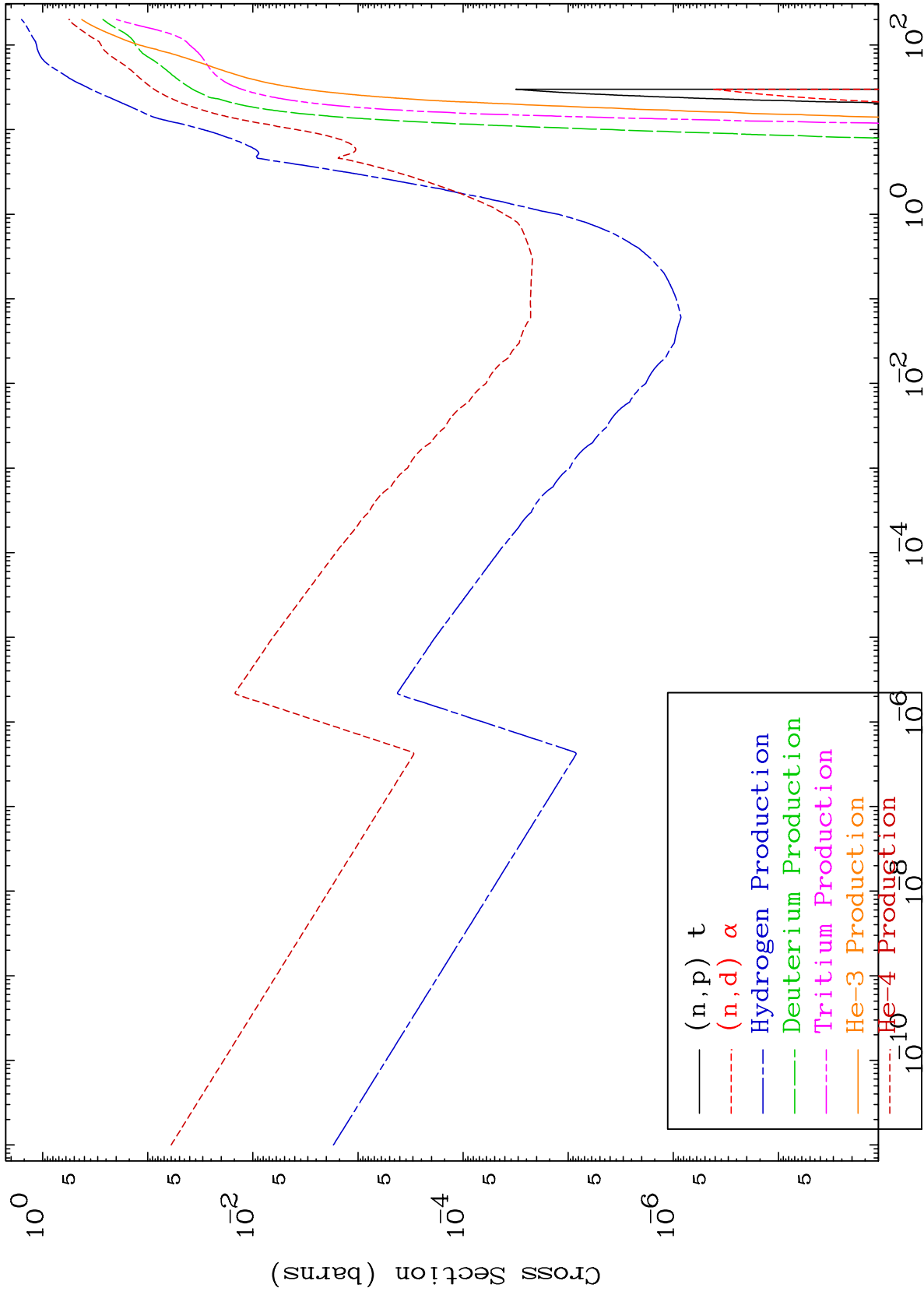


MAT 7401

Neutron Absorption
293 Kelvin Cross Sections

74-W -172

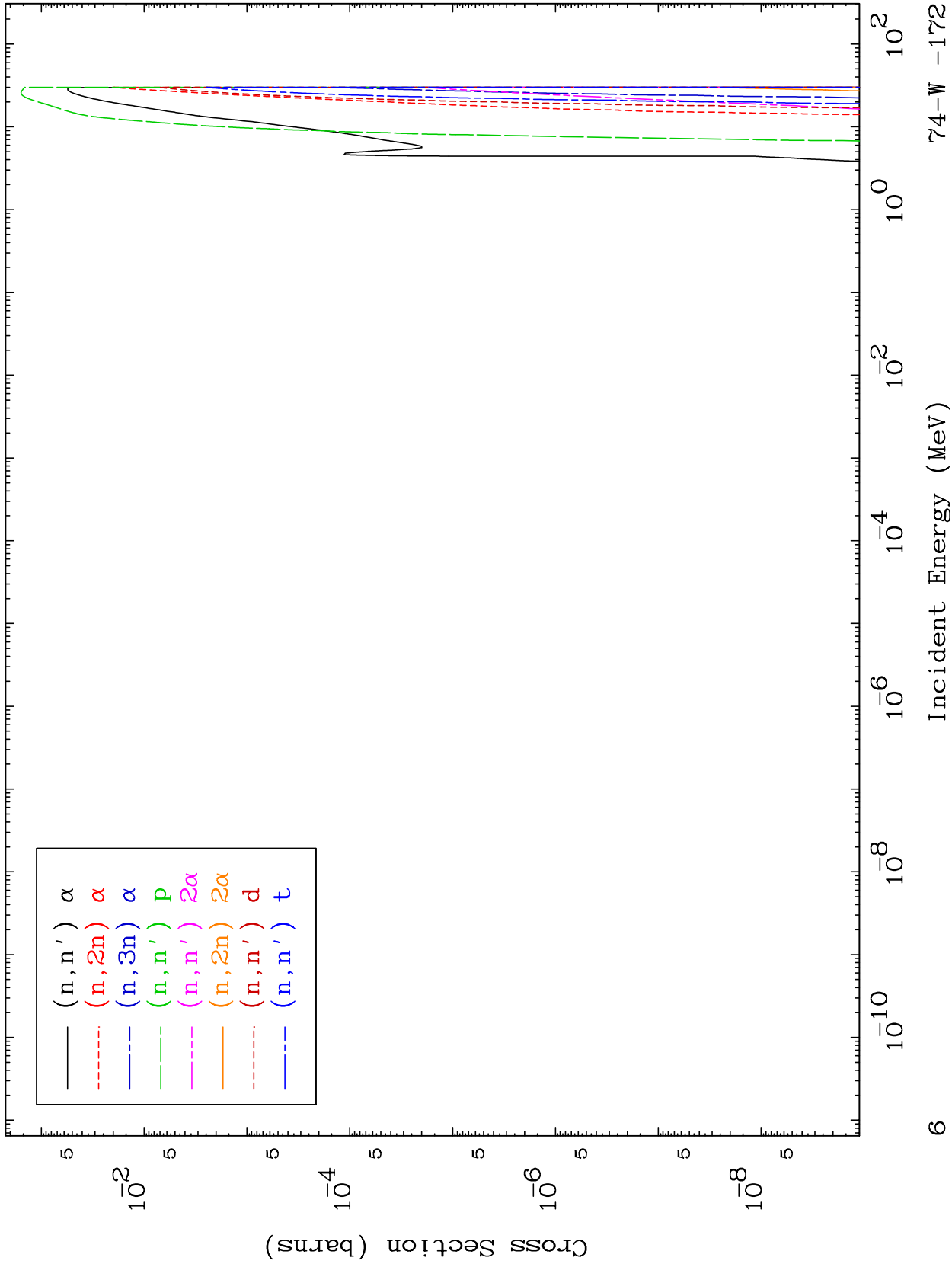




MAT 7401

Charged Particle
293 Kelvin Cross Sections

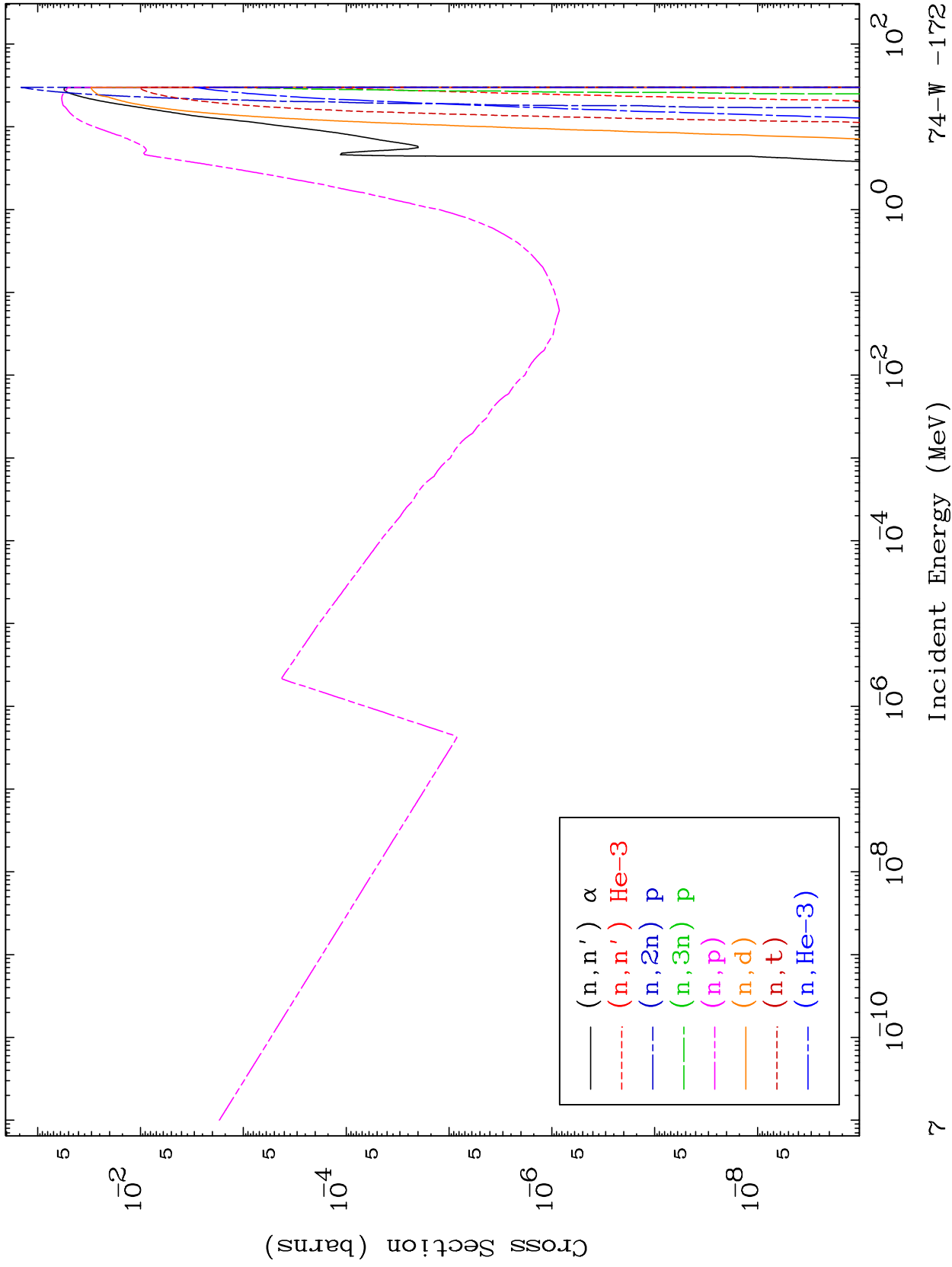
74-W -172



MAT 7401

Charged Particle
293 Kelvin Cross Sections

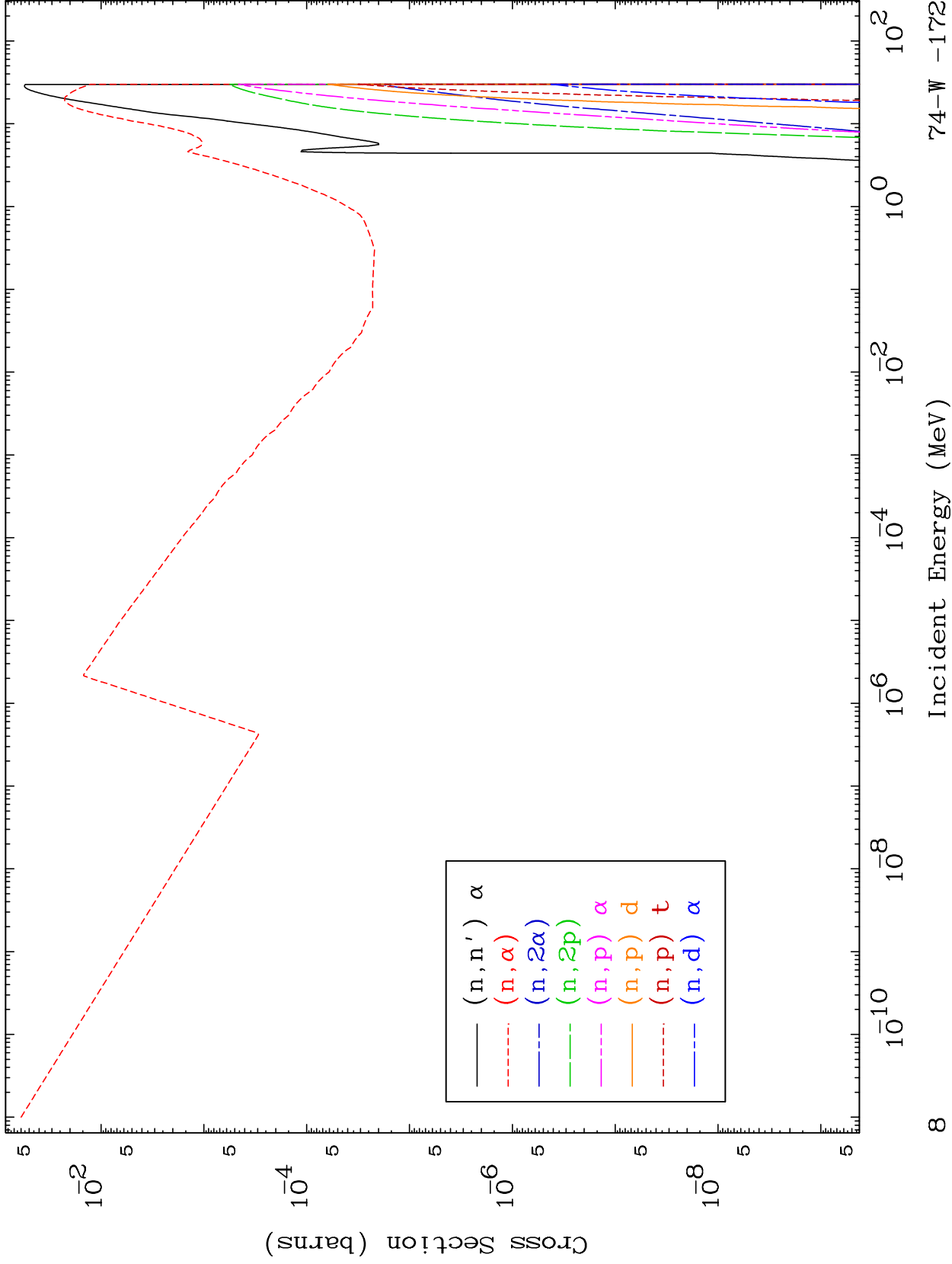
74-W -172

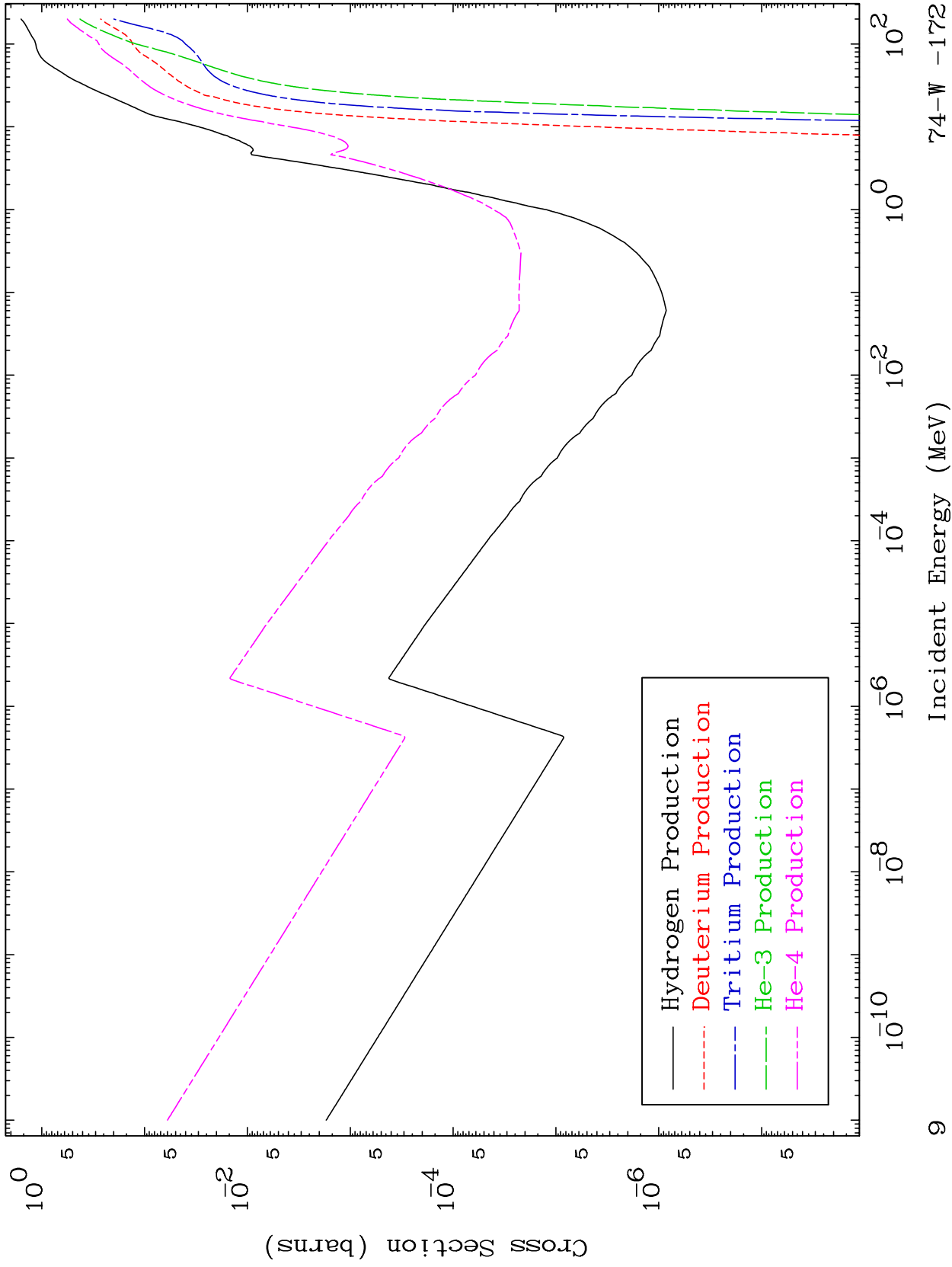


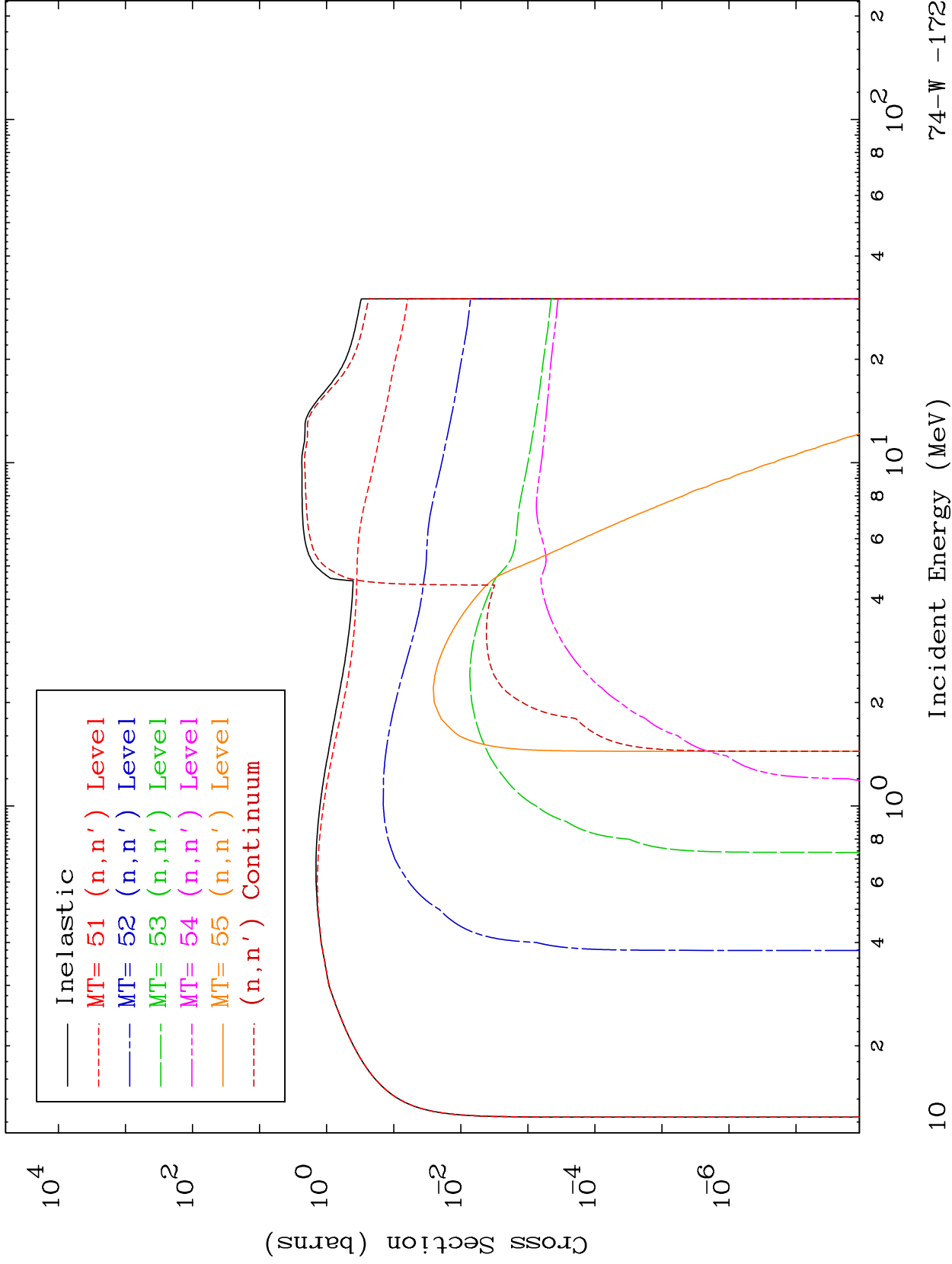
MAT 7401

Charged Particle
293 Kelvin Cross Sections

74-W -172



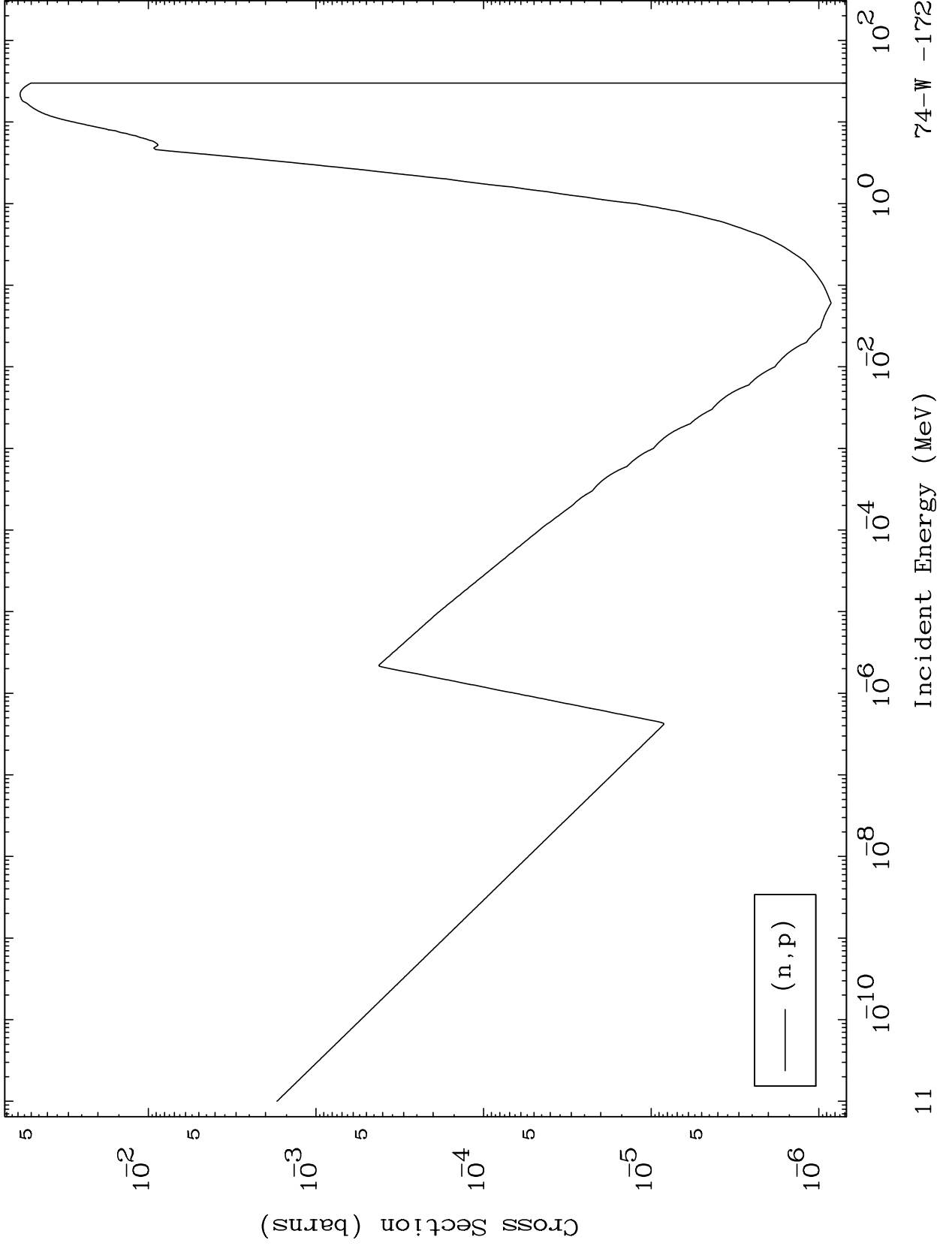




MAT 7401

(n,p) Levels
293 Kelvin Cross Sections

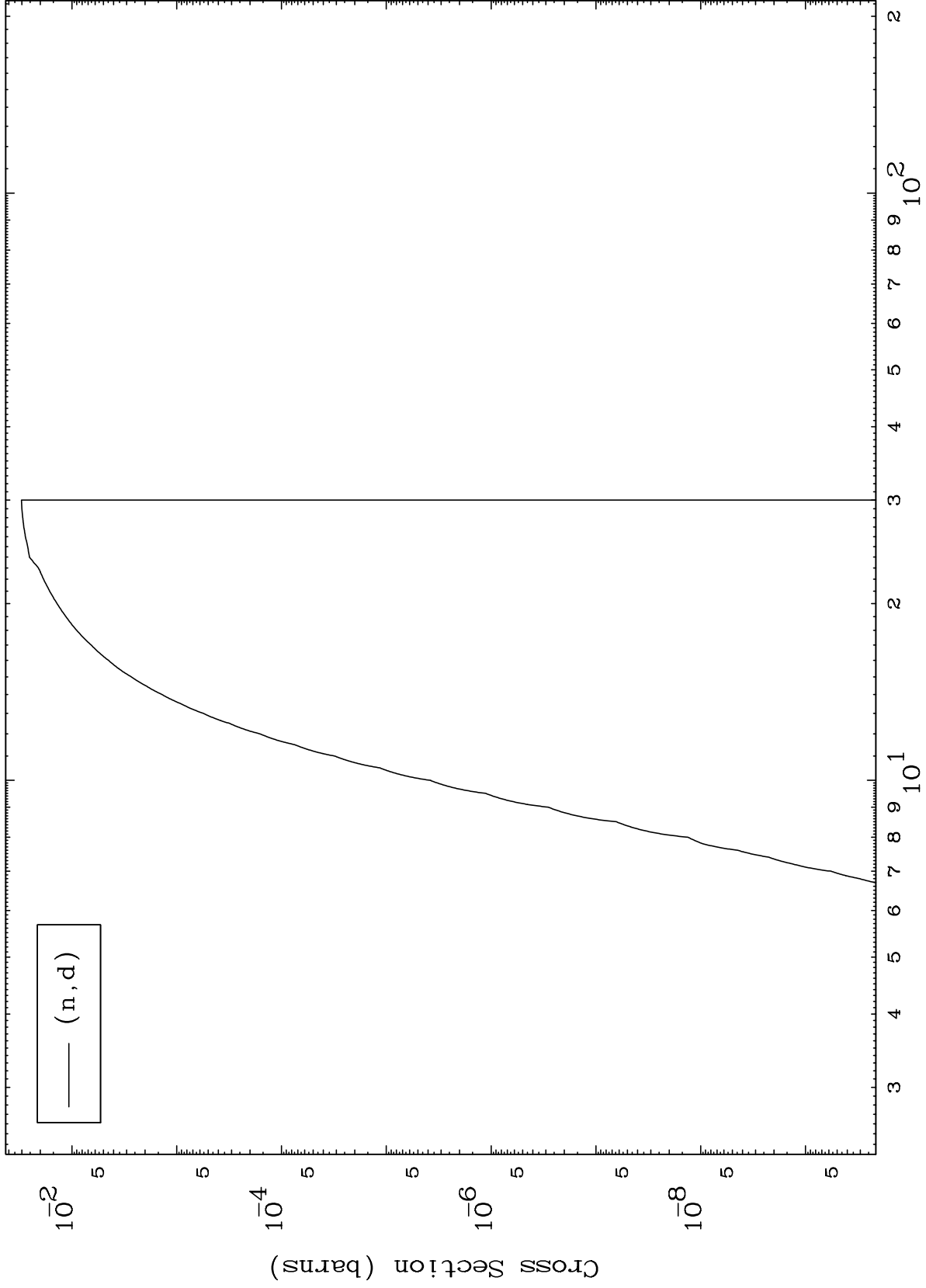
74-W -172



MAT 7401

(n,d) Levels
293 Kelvin Cross Sections

74-W -172



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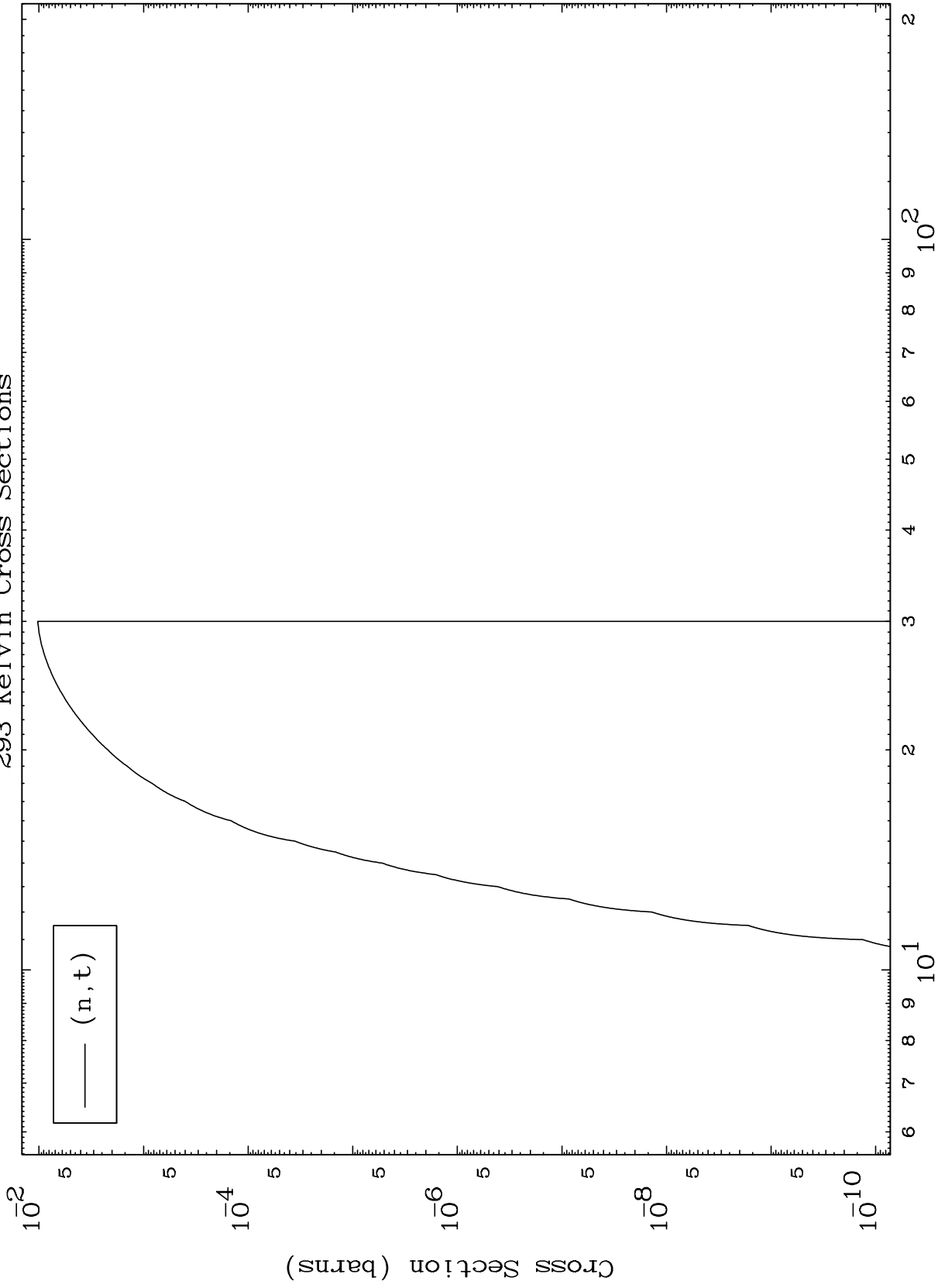
Incident Energy (MeV)

74-W -172

MAT 7401

(n,t) Levels
293 Kelvin Cross Sections

74-W -172



13

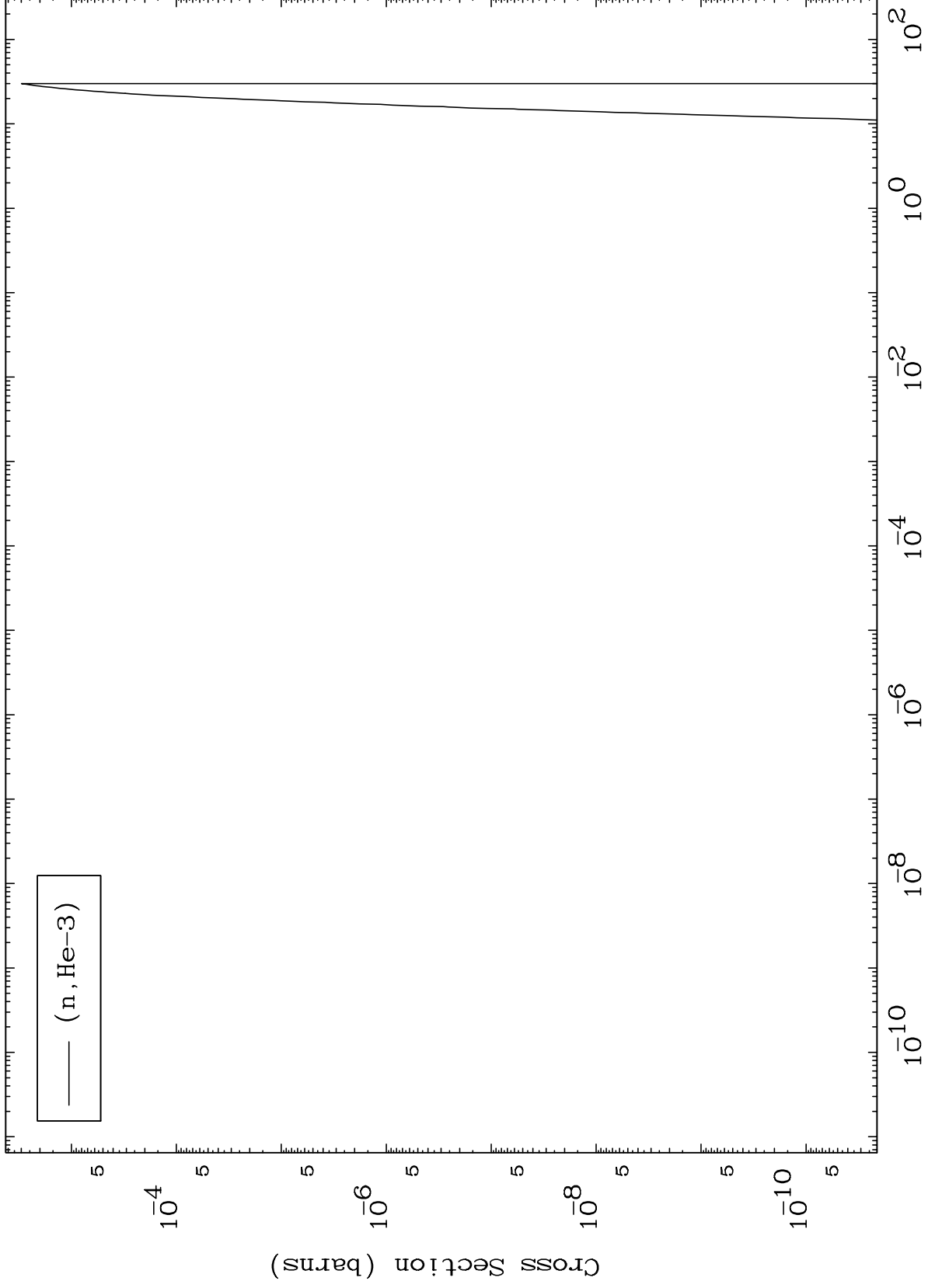
Incident Energy (MeV)

74-W -172

MAT 7401

(n,He3) Levels
293 Kelvin Cross Sections

74-W -172



14

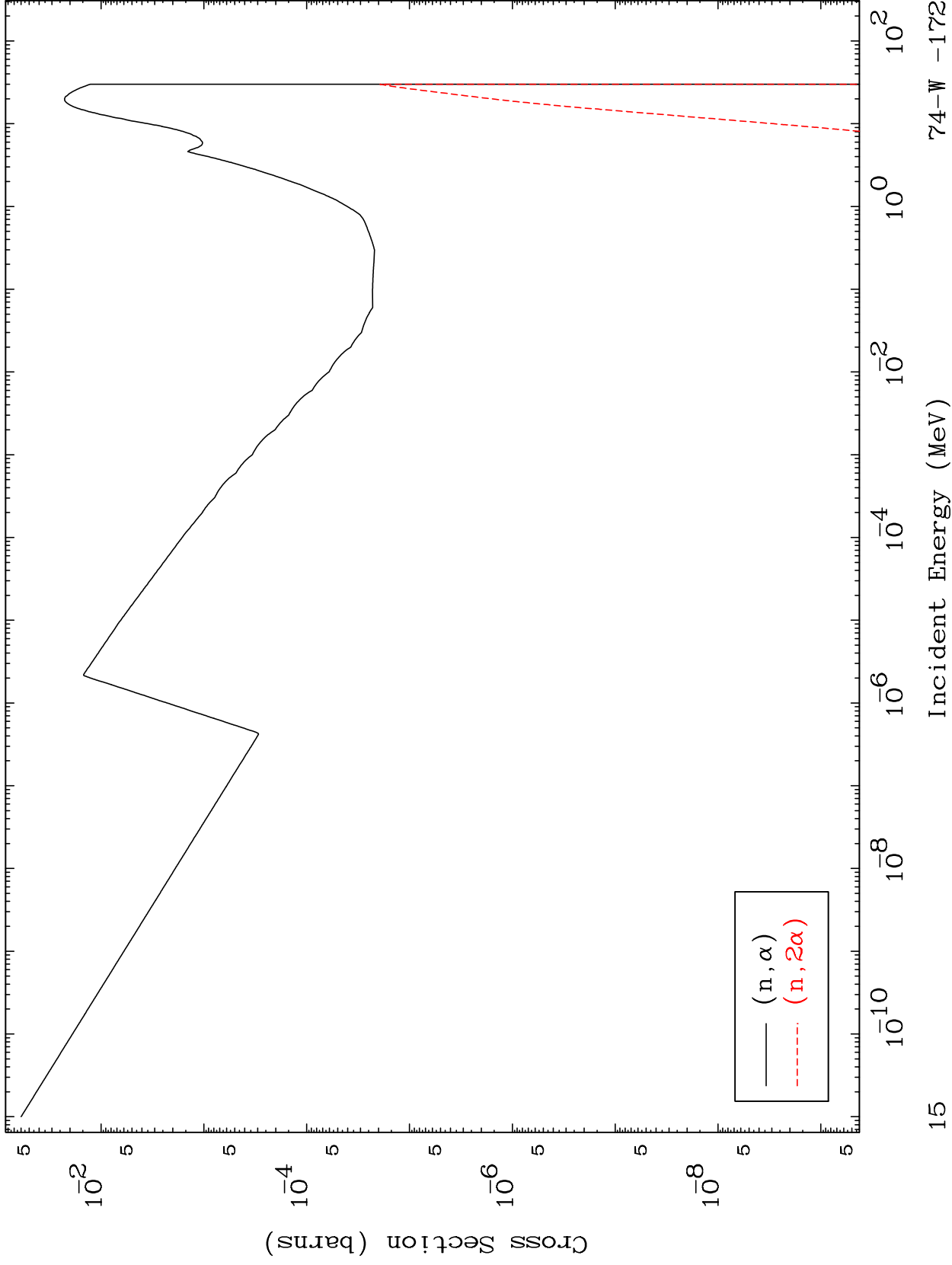
Incident Energy (MeV)

74-W -172

MAT 7401

(n,α) Levels
293 Kelvin Cross Sections

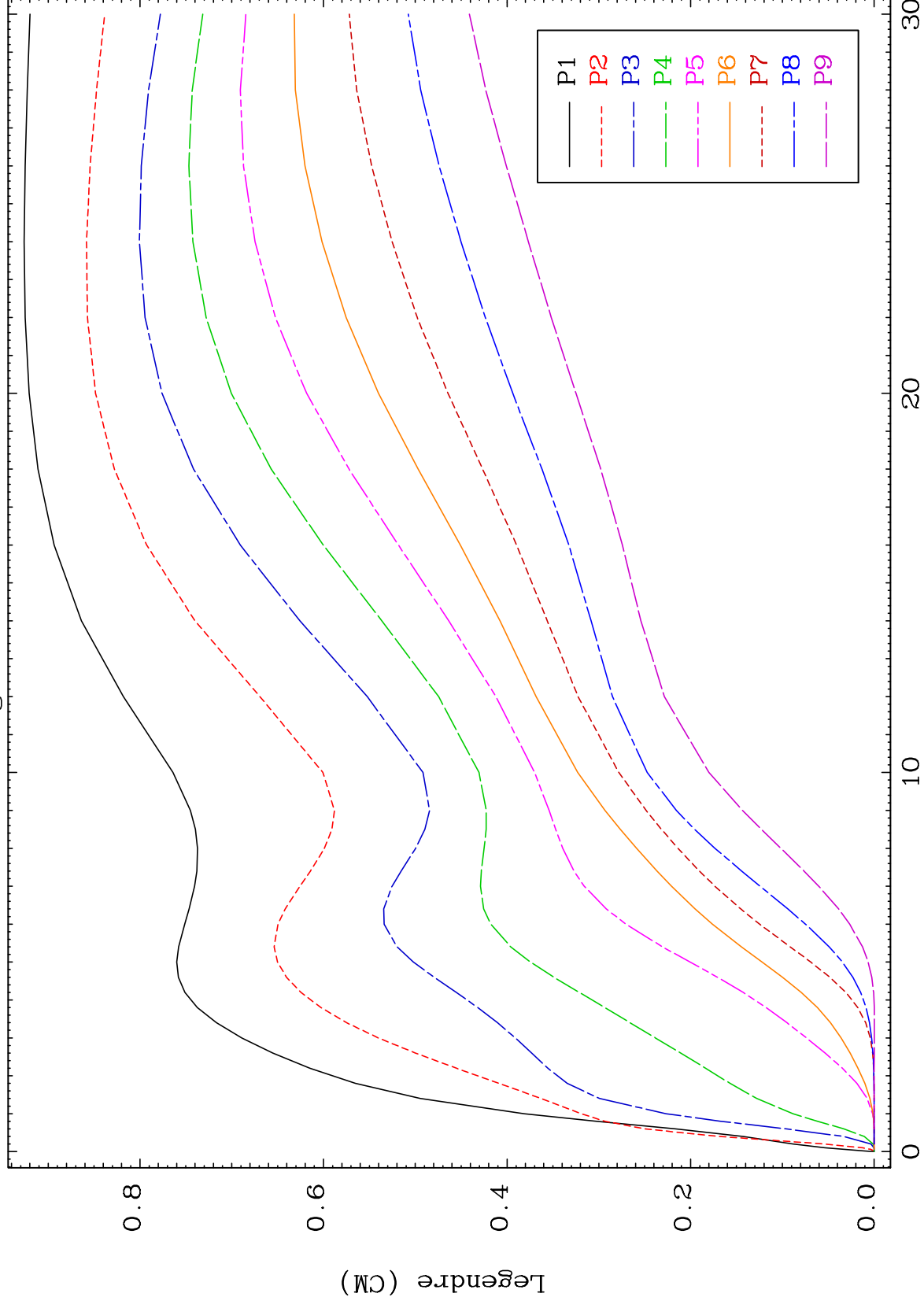
74-W -172



MAT 7401

Elastic Legendre Coefficients

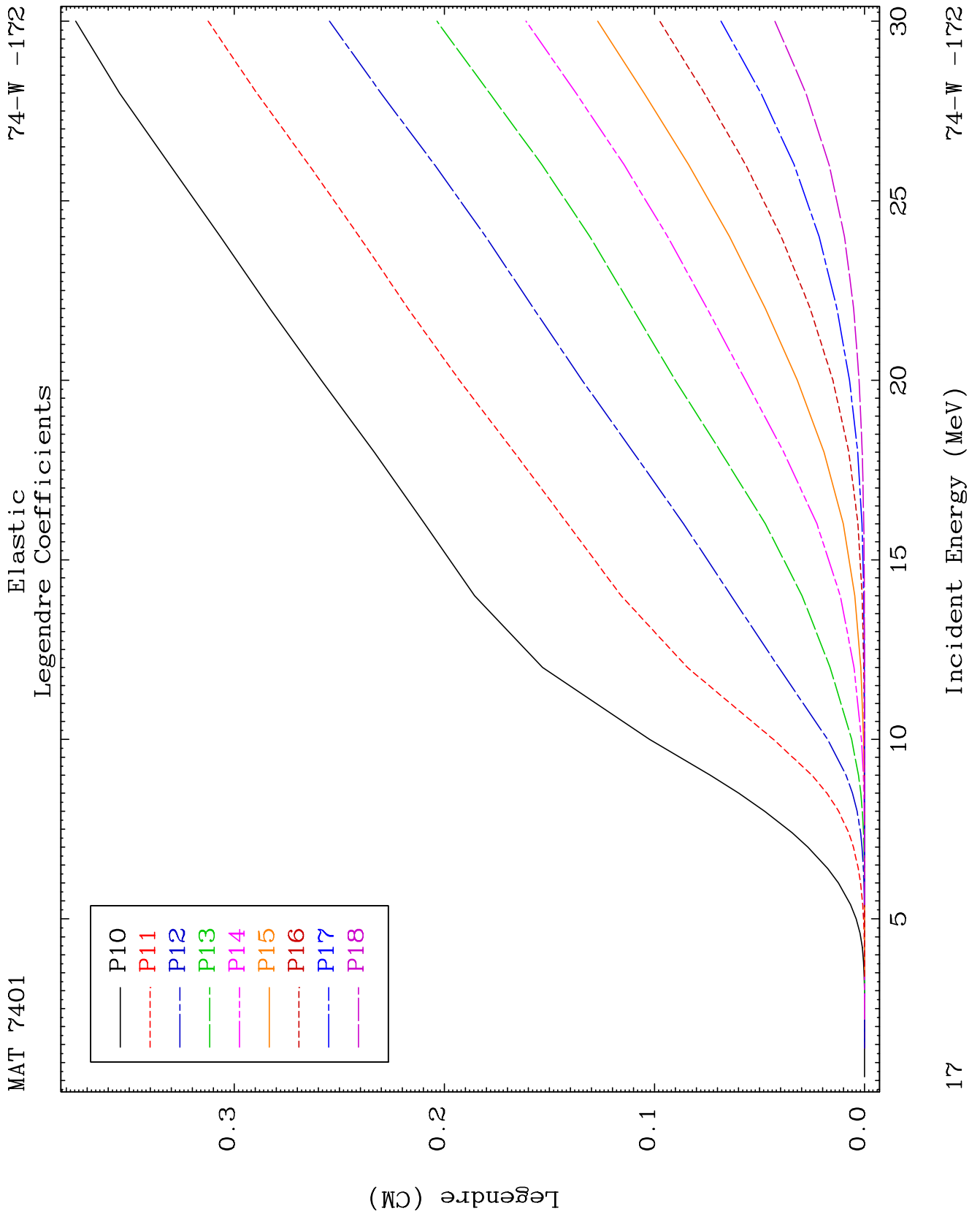
74-W -172



16

Incident Energy (MeV)

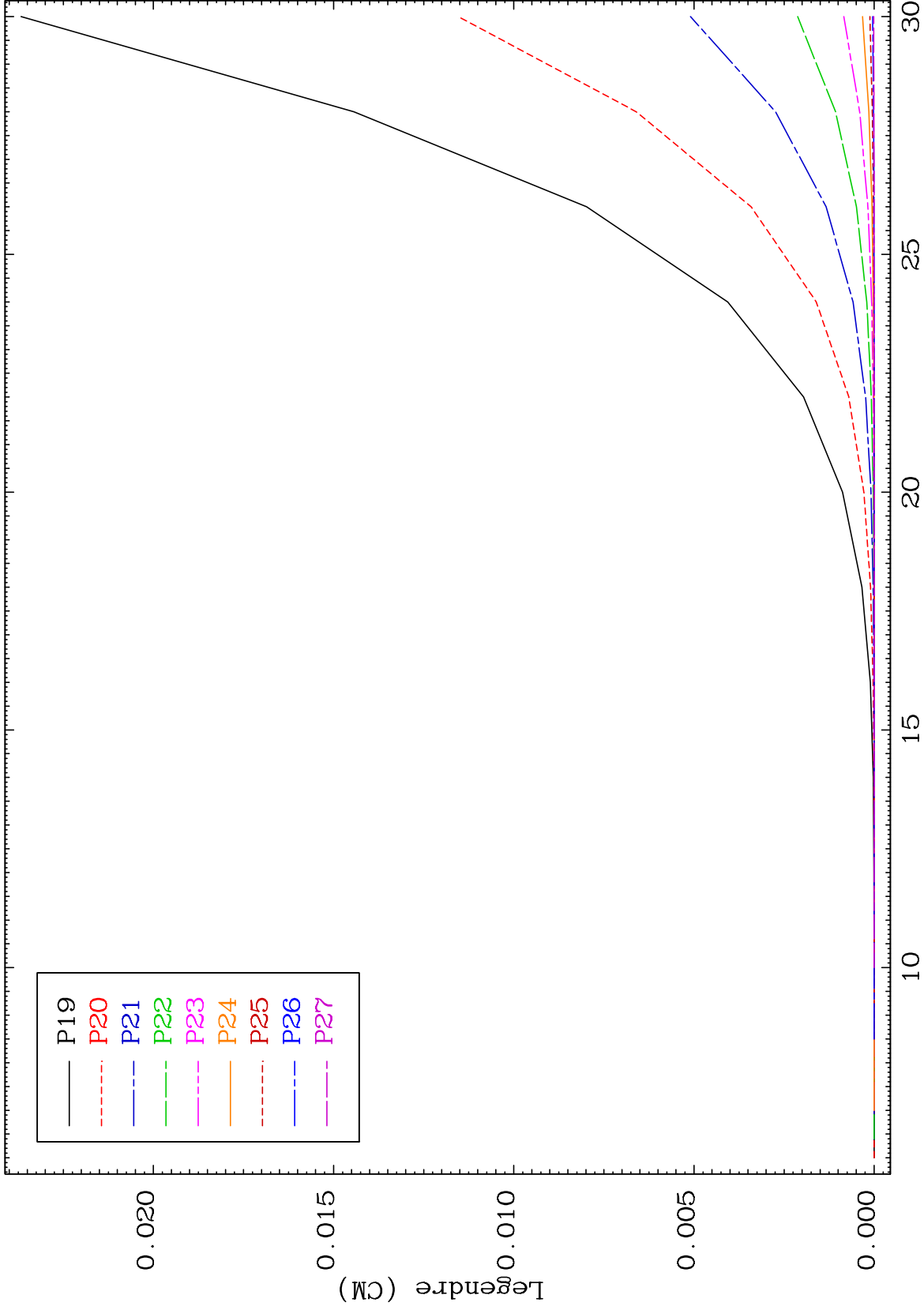
74-W -172



MAT 7401

Elastic Legendre Coefficients

74-W -172



18

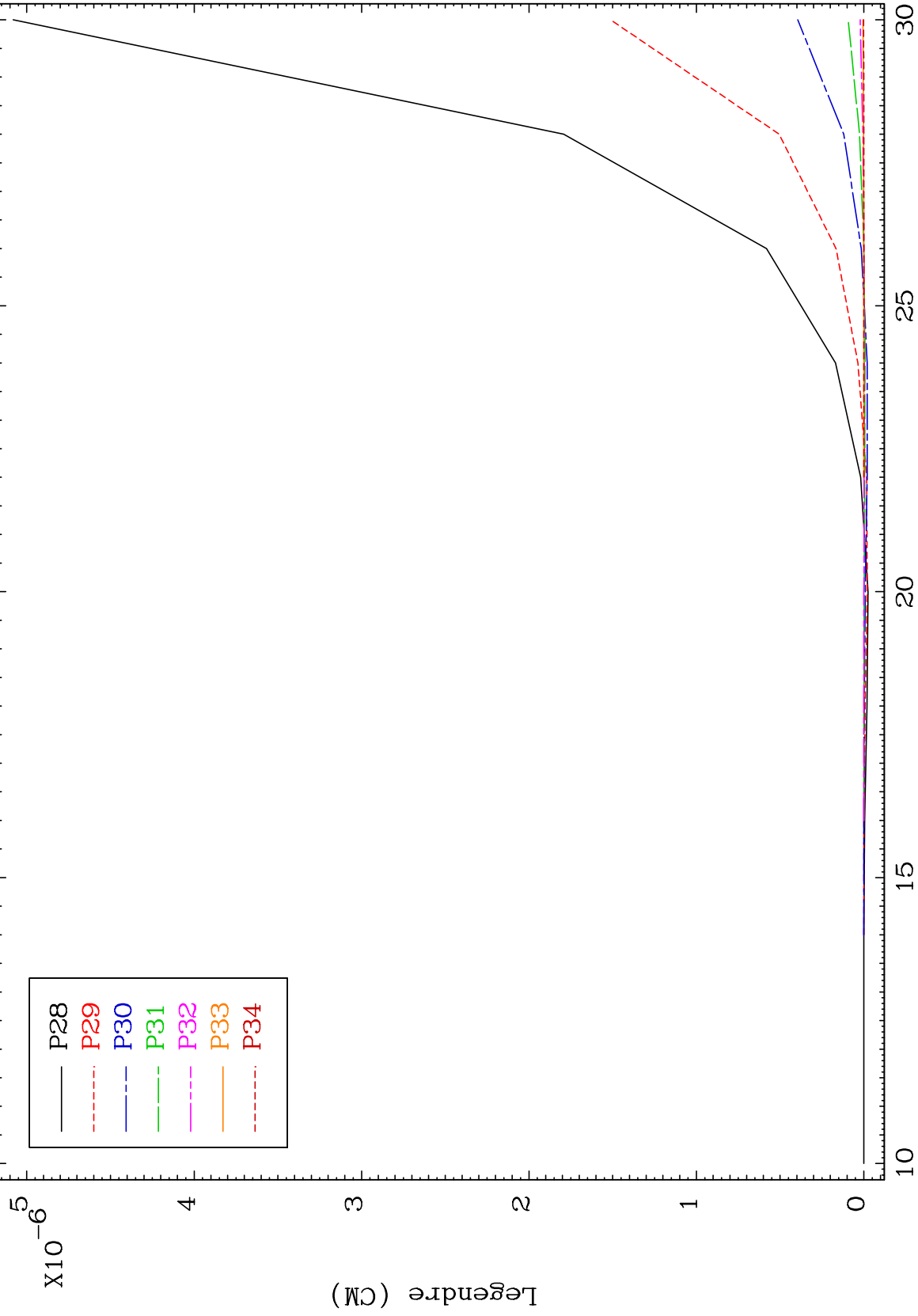
Incident Energy (MeV)

74-W -172

MAT 7401

Elastic
Legendre Coefficients

74-W -172



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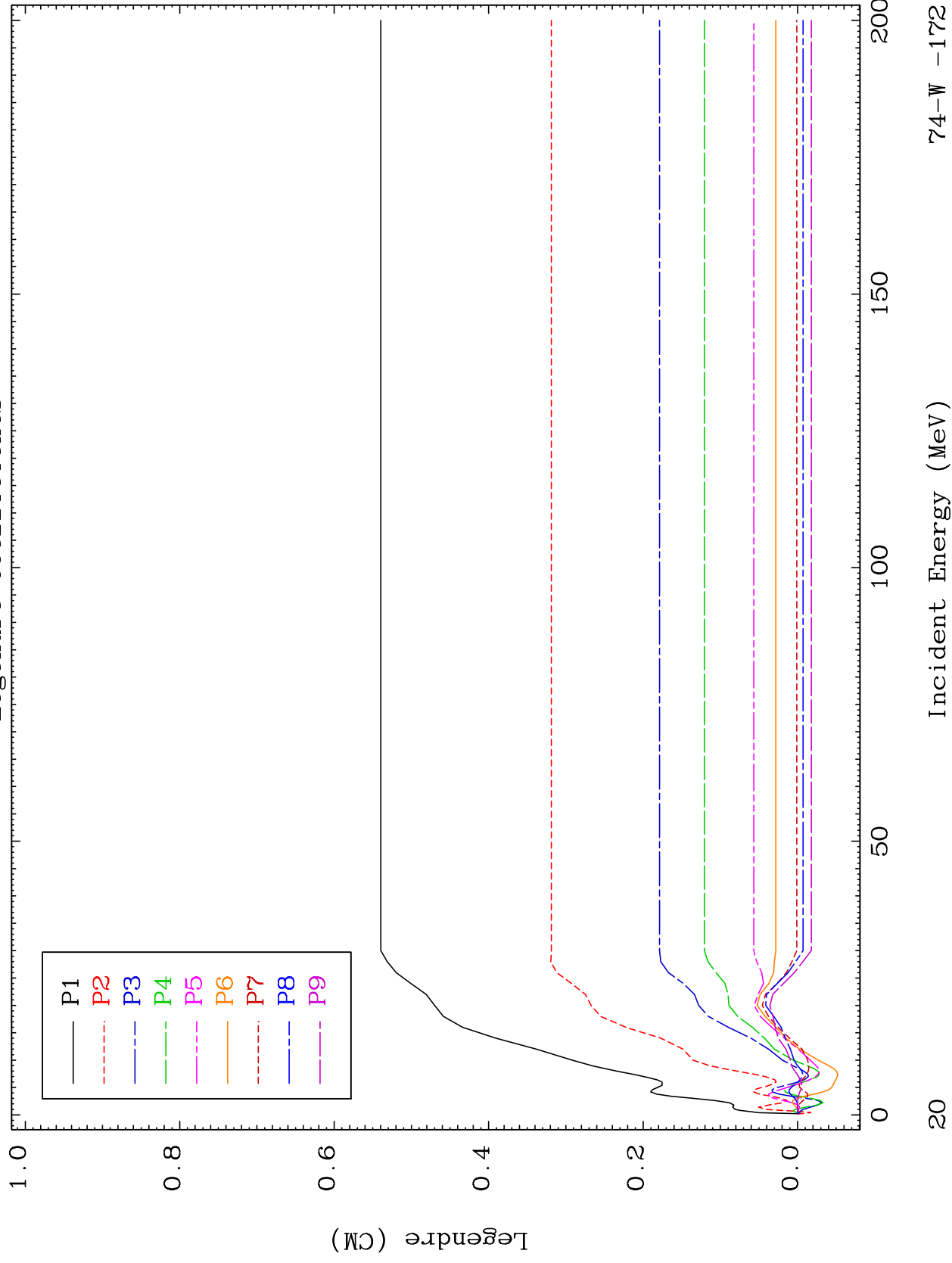
Incident Energy (MeV)

74-W -172

MAT 7401

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

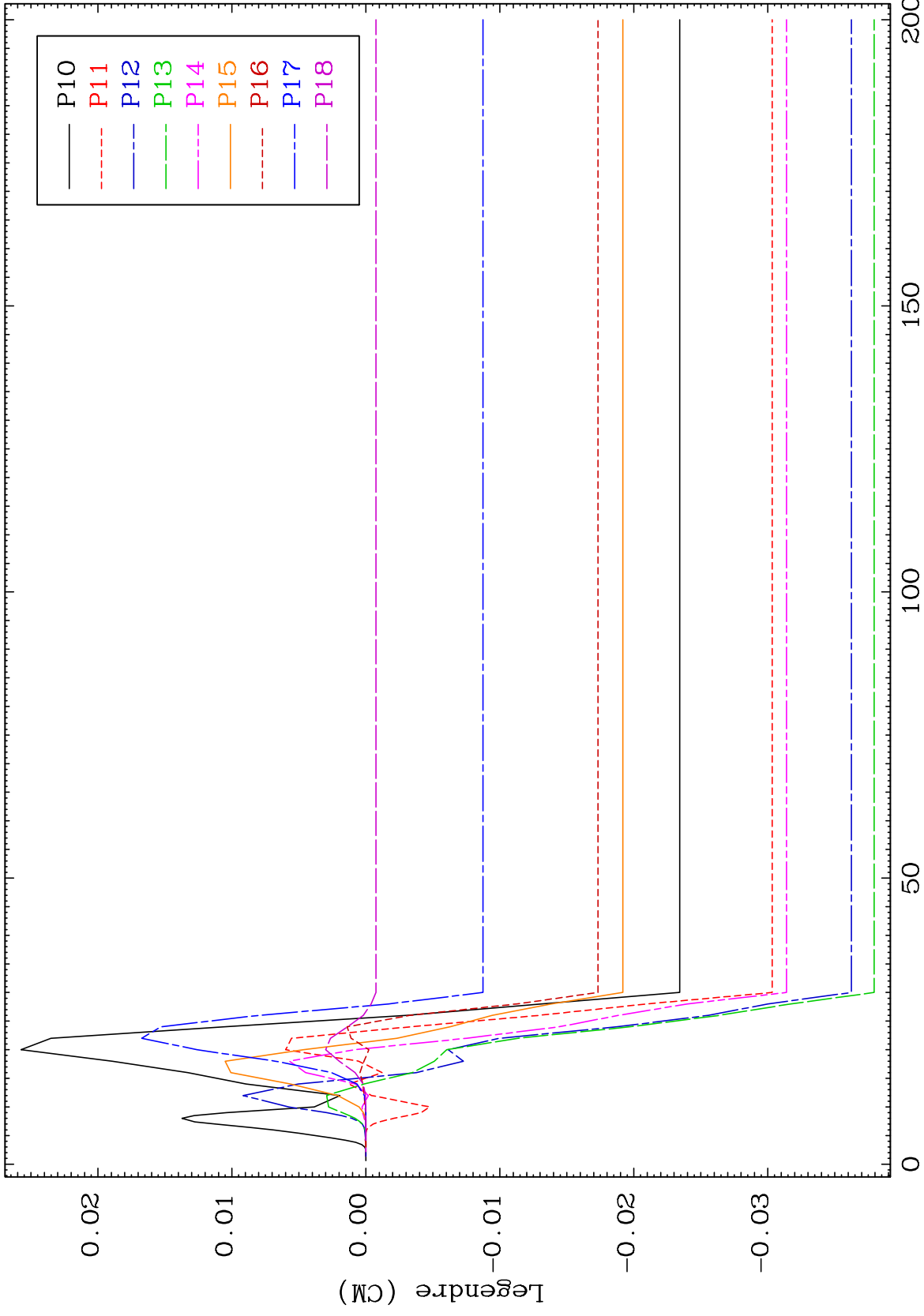
74-W -172



MAT 7401

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

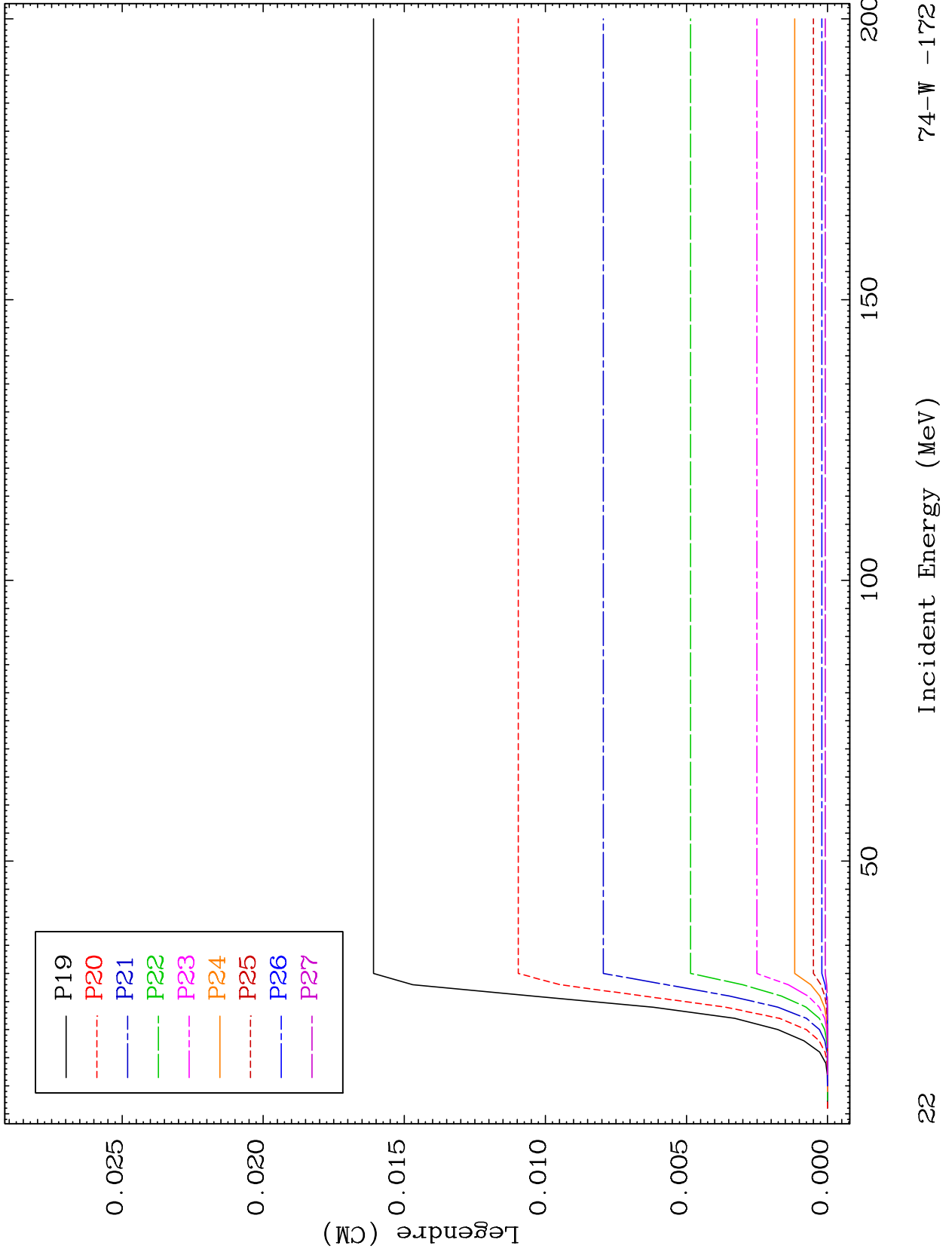
74-W -172

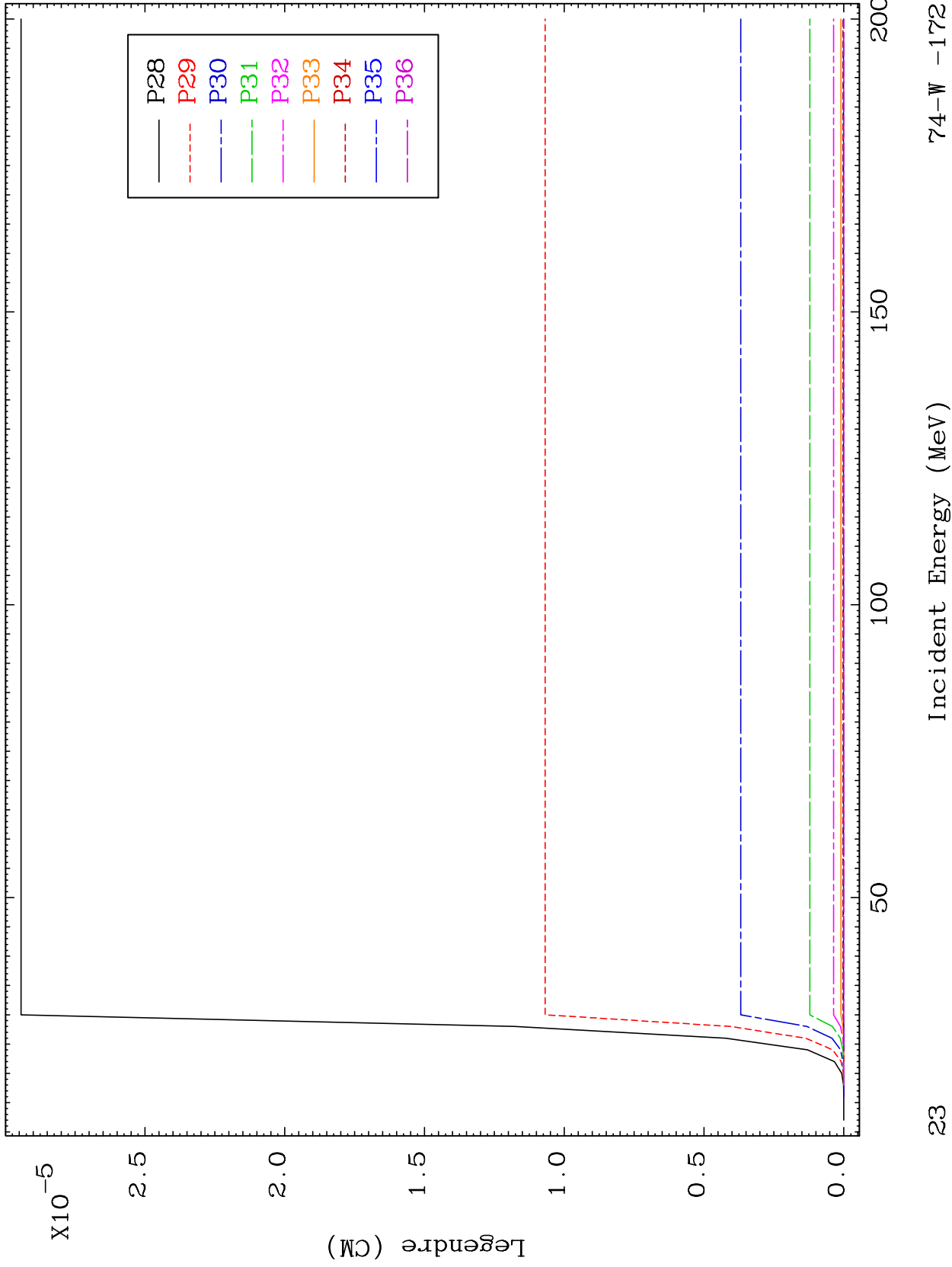


21

Incident Energy (MeV)

74-W -172



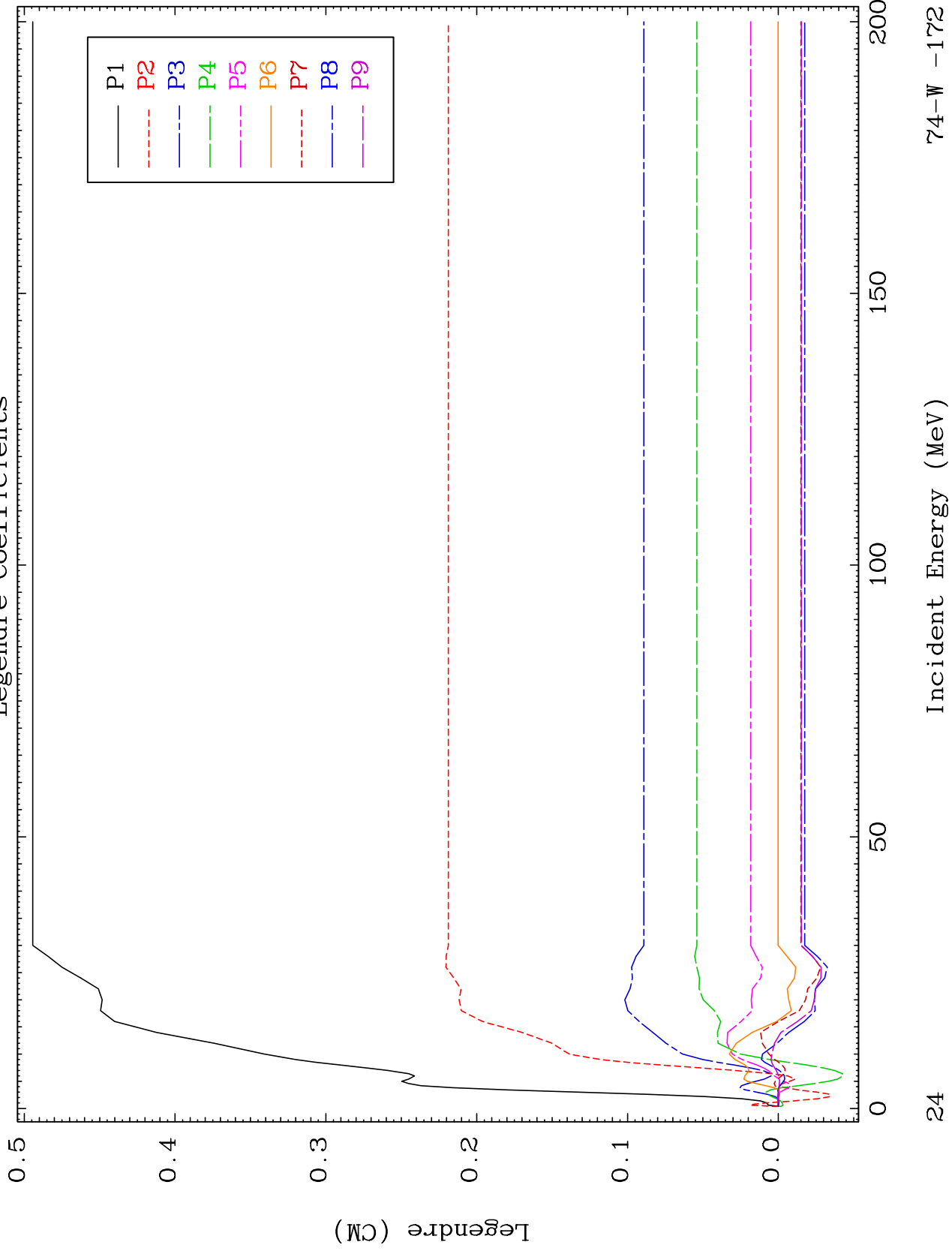


MAT 7401

MT= 52 (n,n') Level

74-W -172

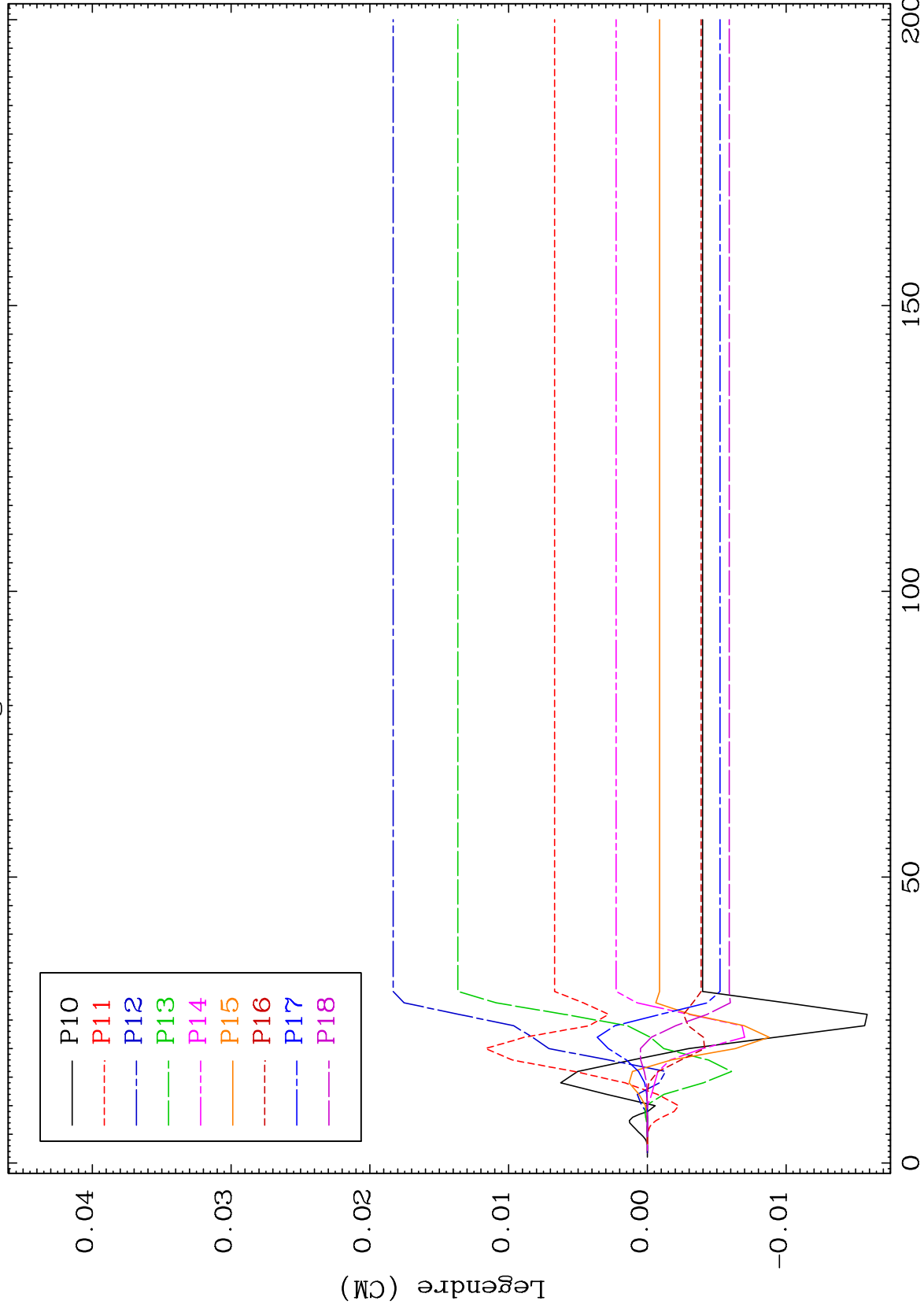
Legendre Coefficients



MAT 7401

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

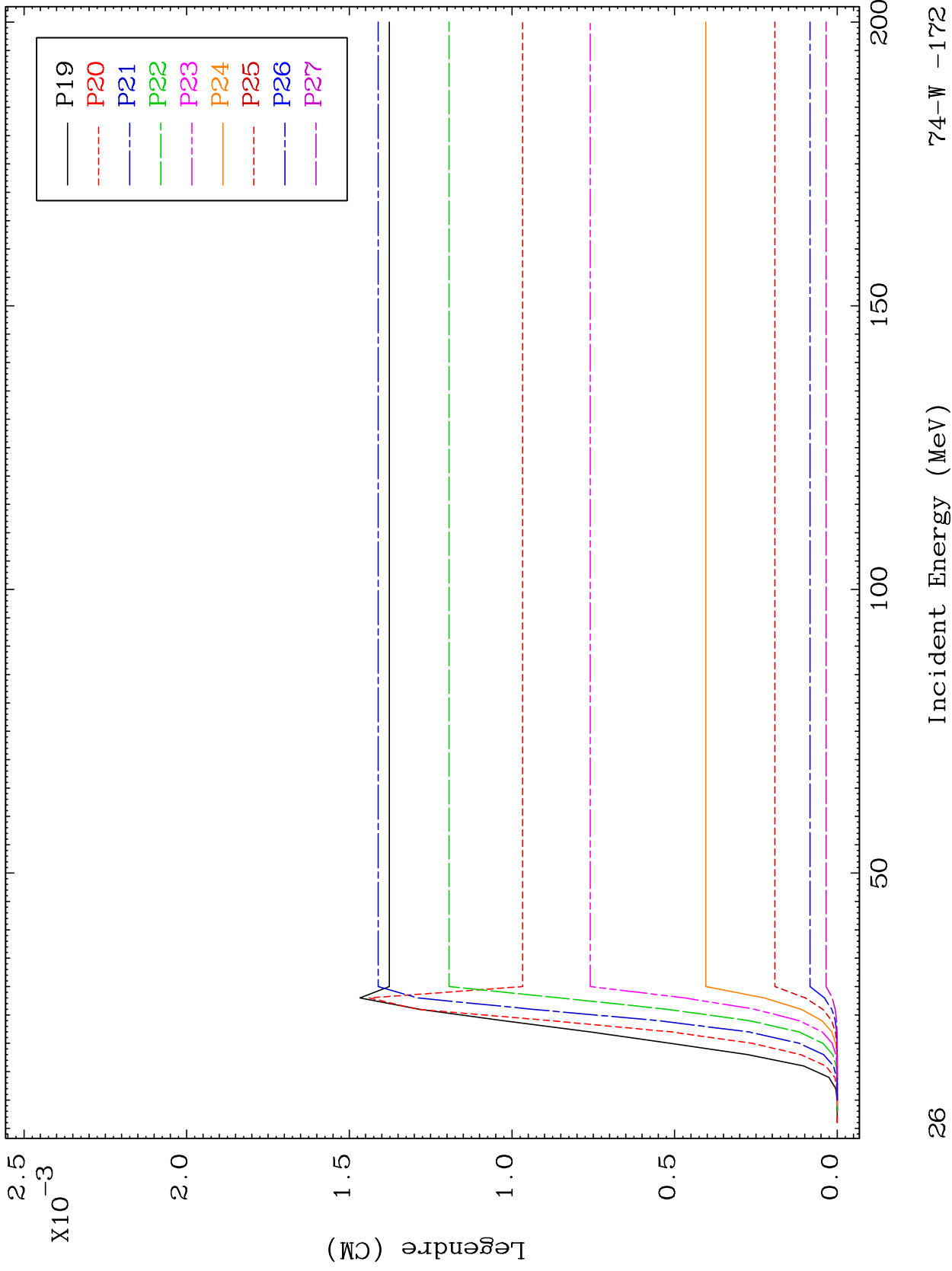
74-W -172

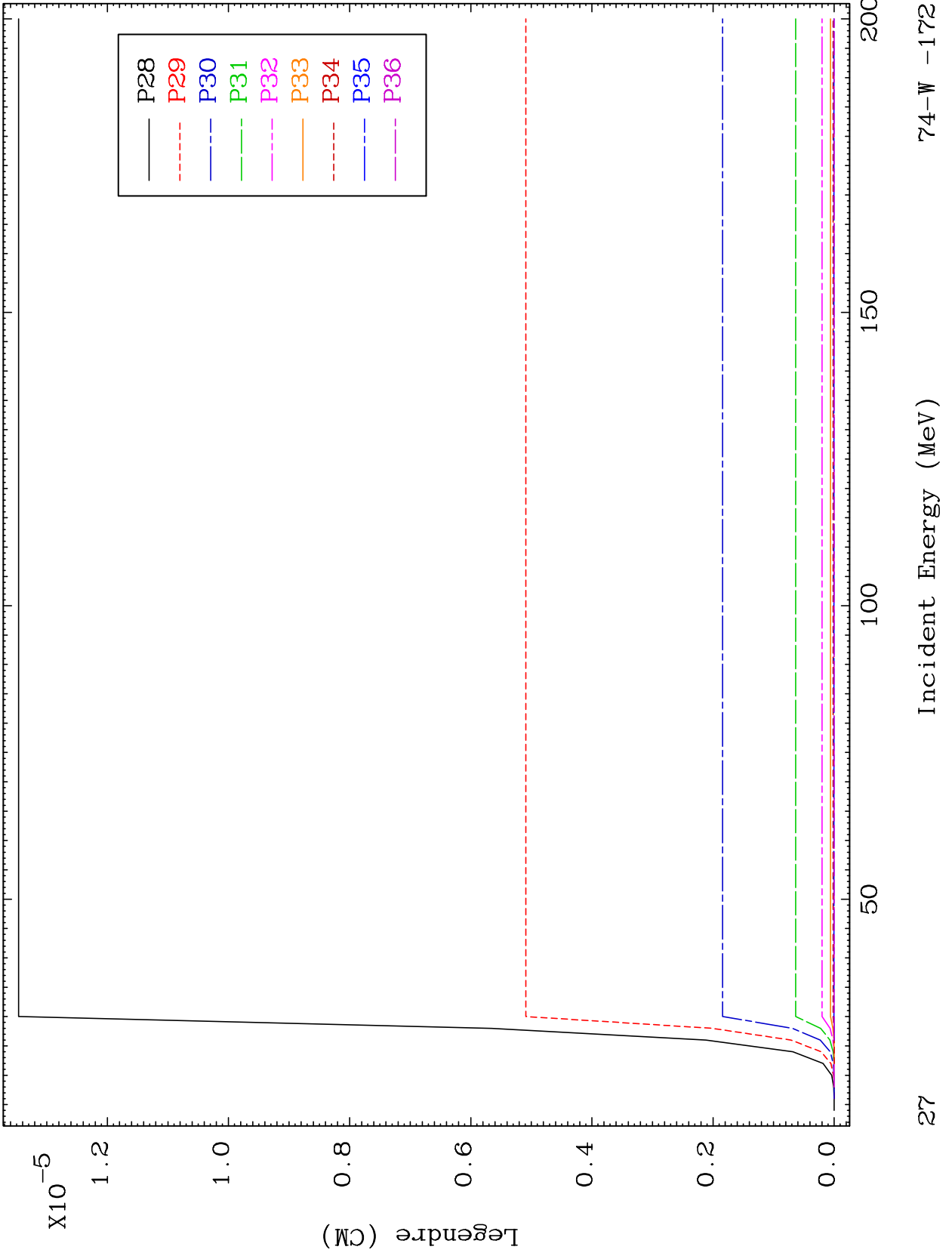


25

Incident Energy (MeV)

74-W -172

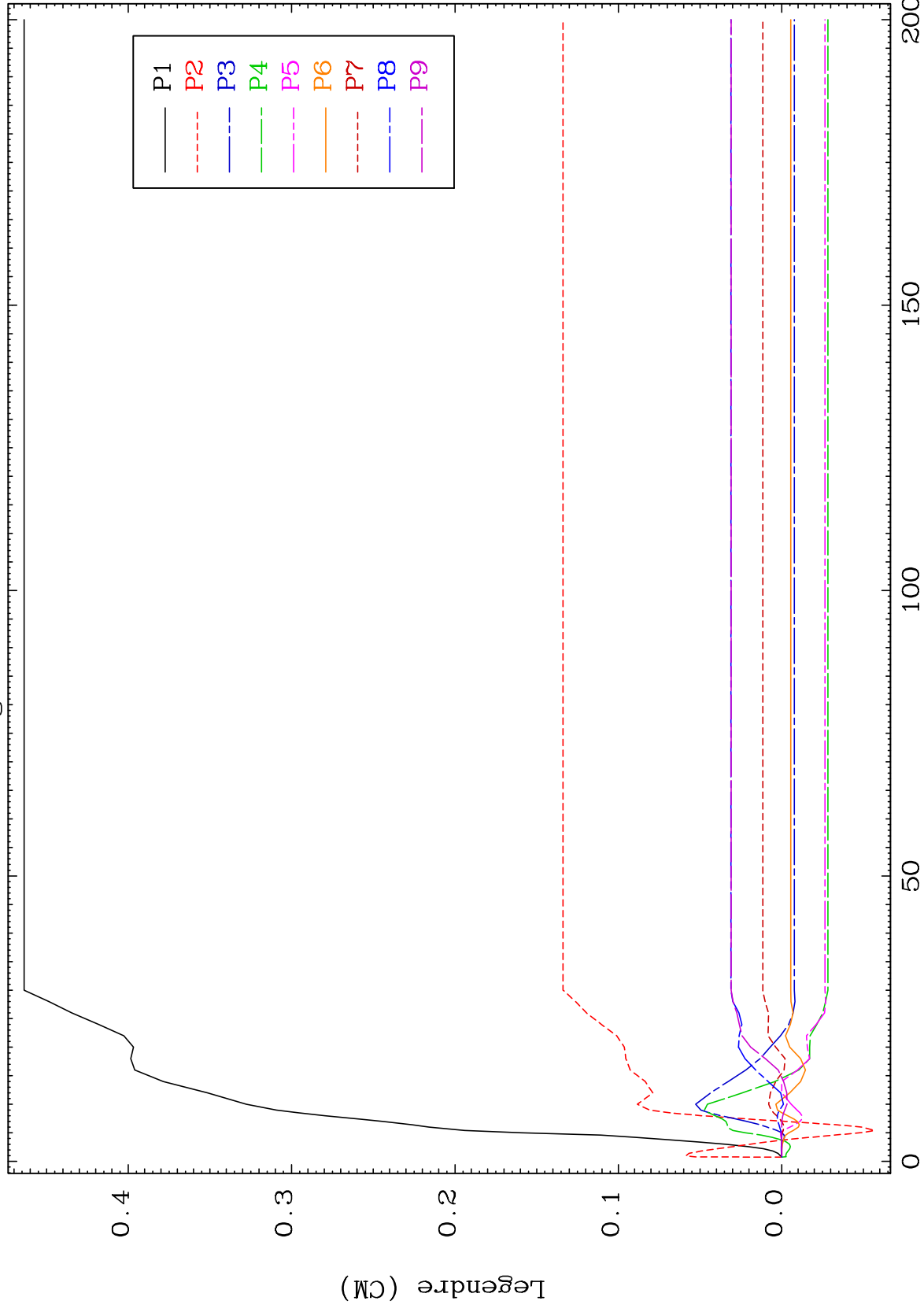




MAT 7401

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

74-W -172



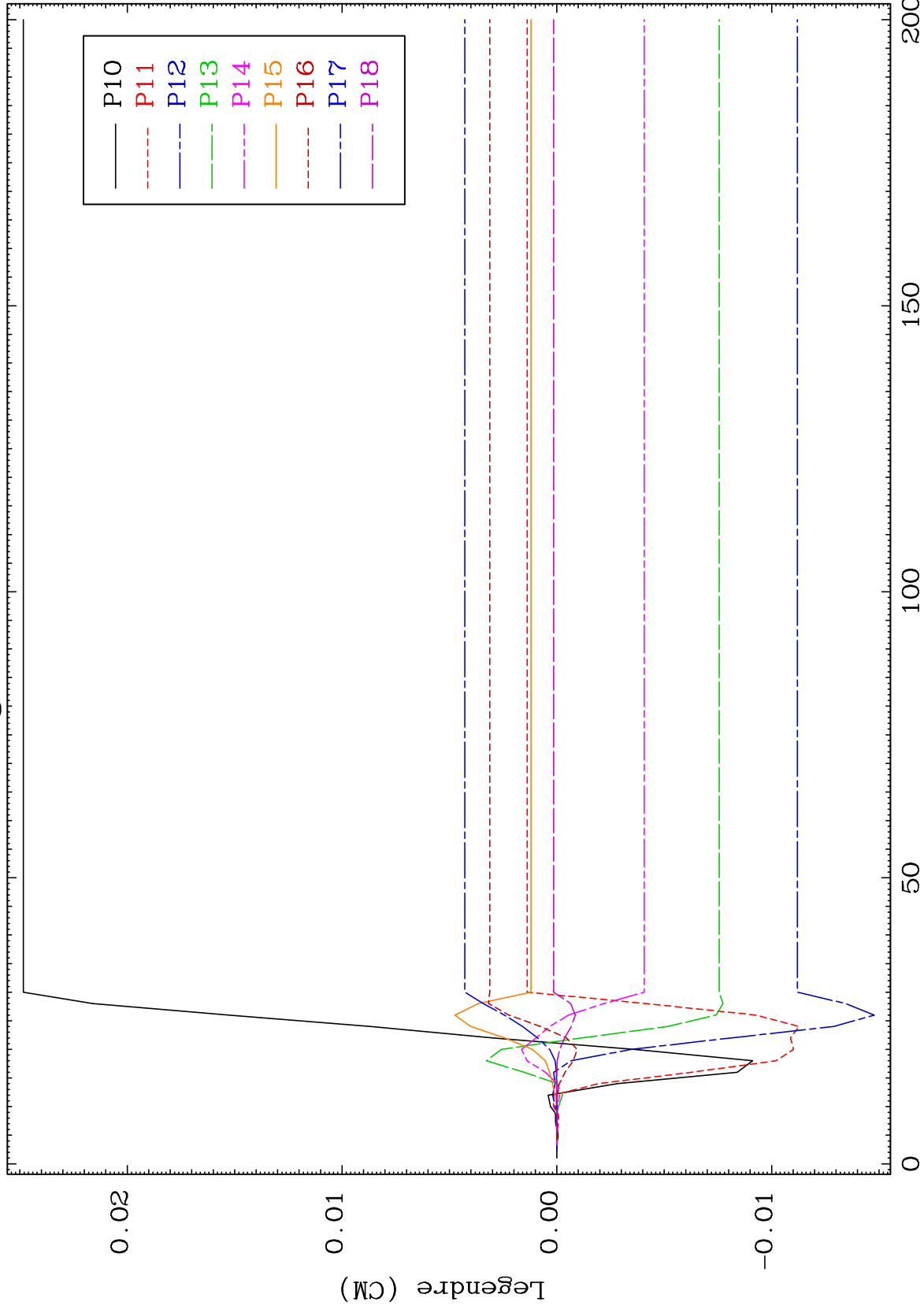
28

74-W -172

MAT 7401

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

74-W -172



29

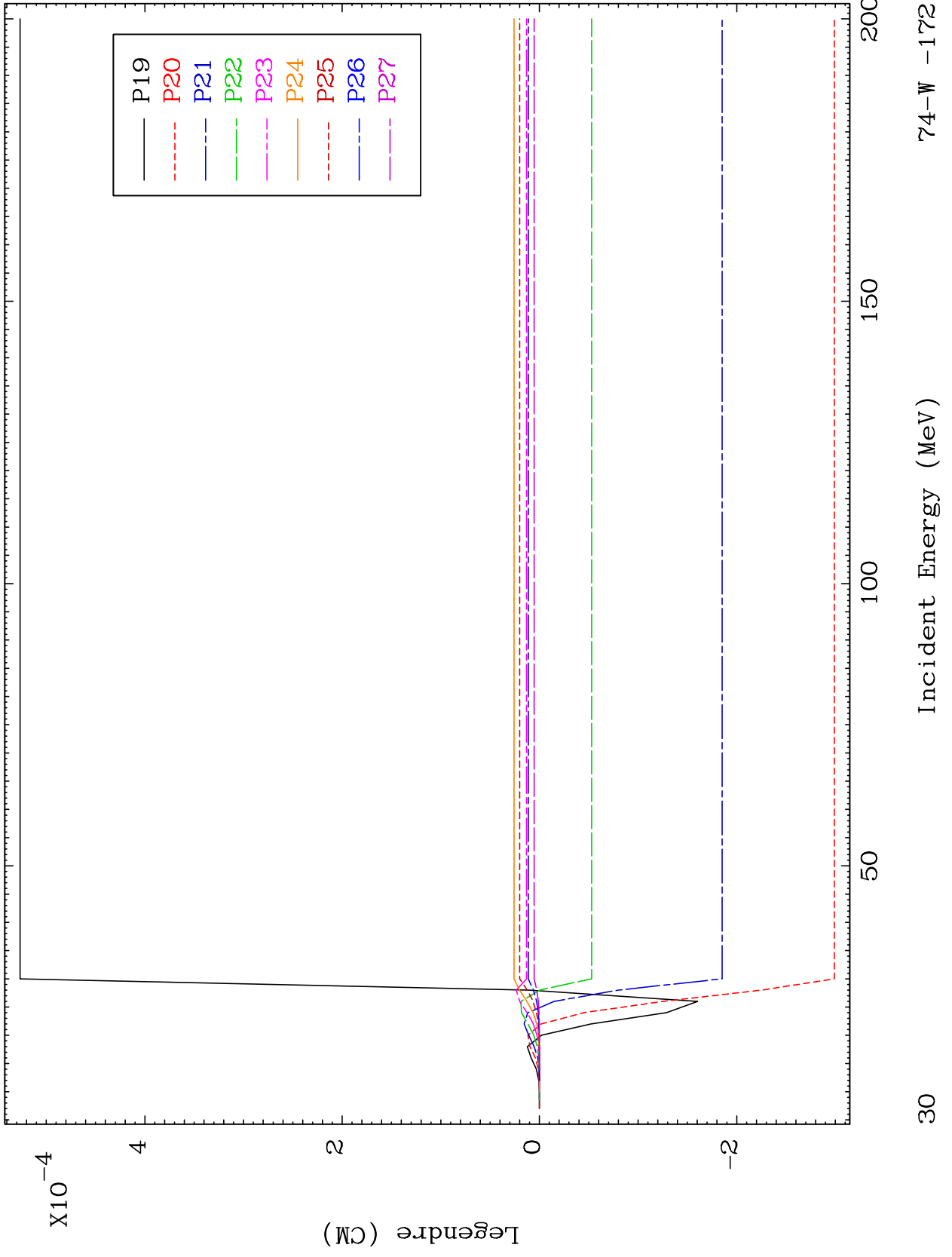
Incident Energy (MeV)

74-W -172

MAT 7401

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

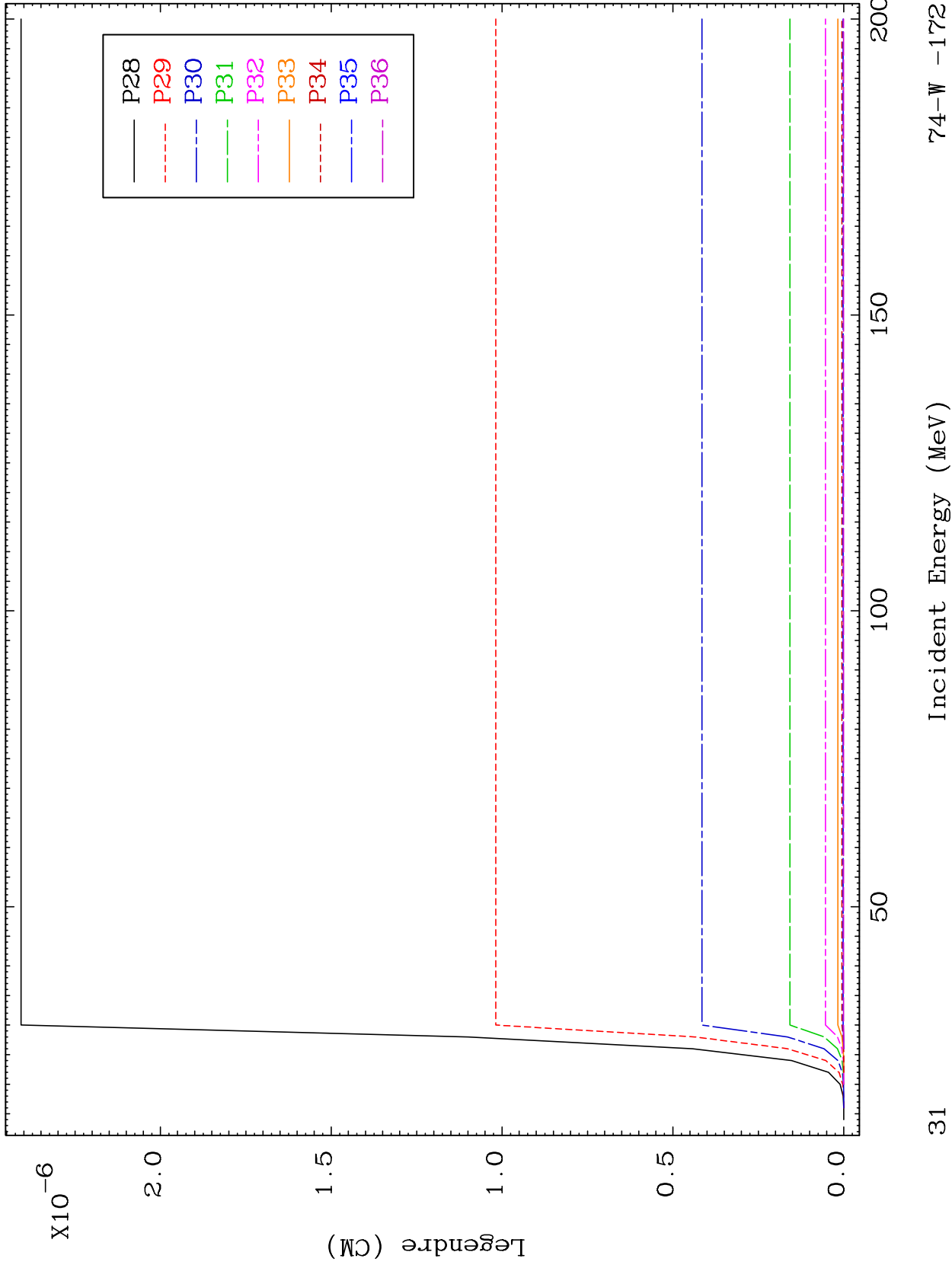
74-W -172

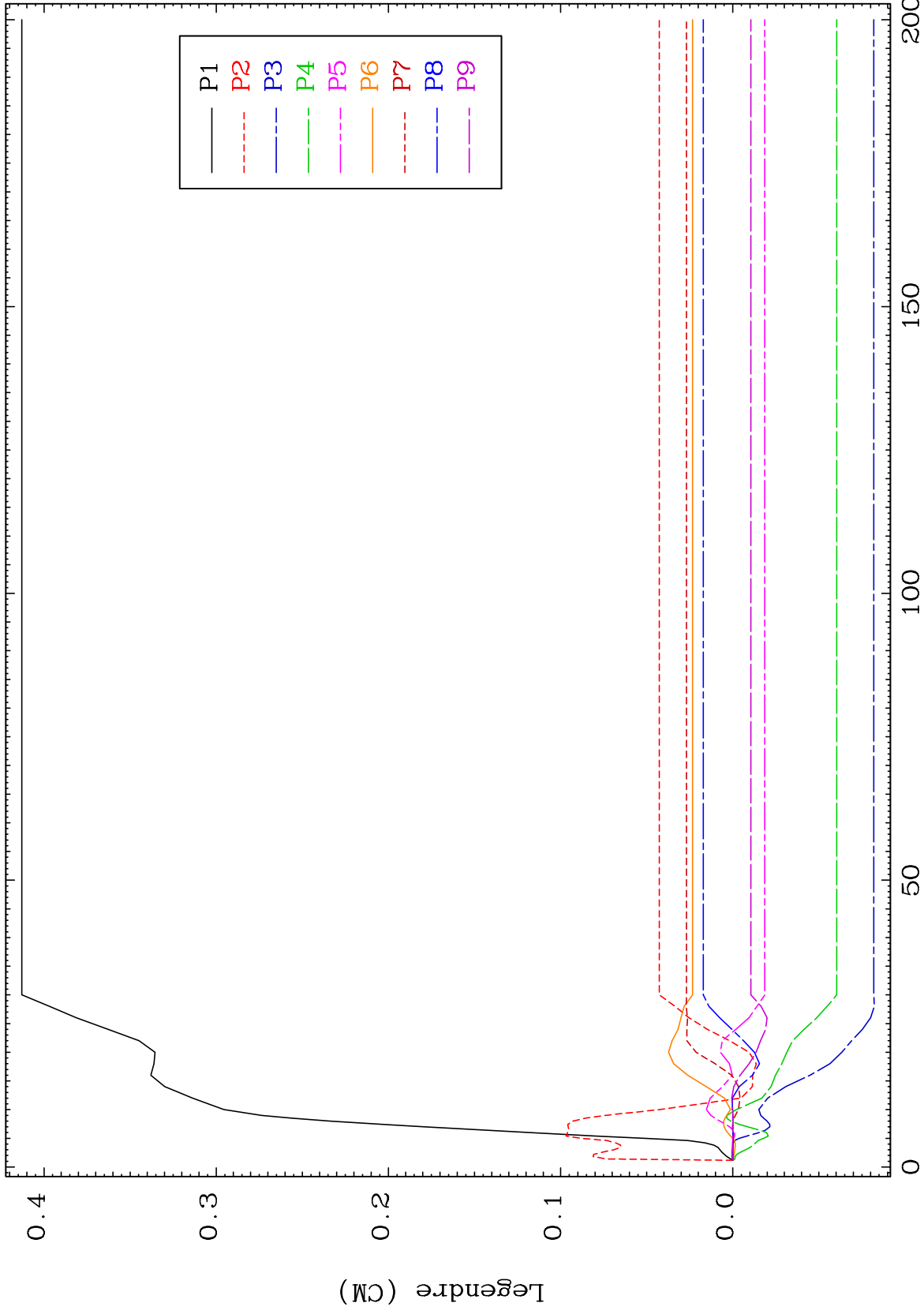


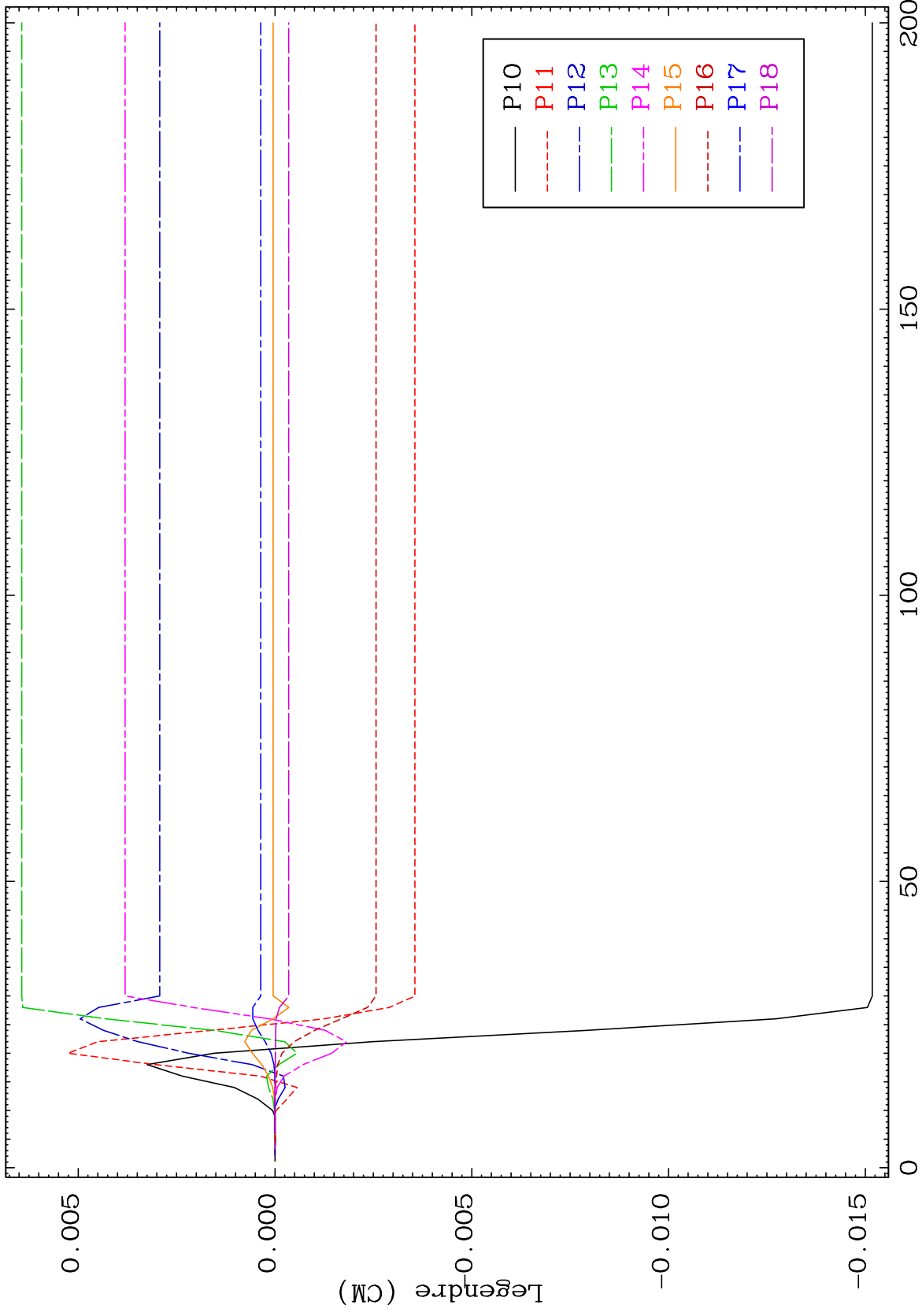
74-W -172

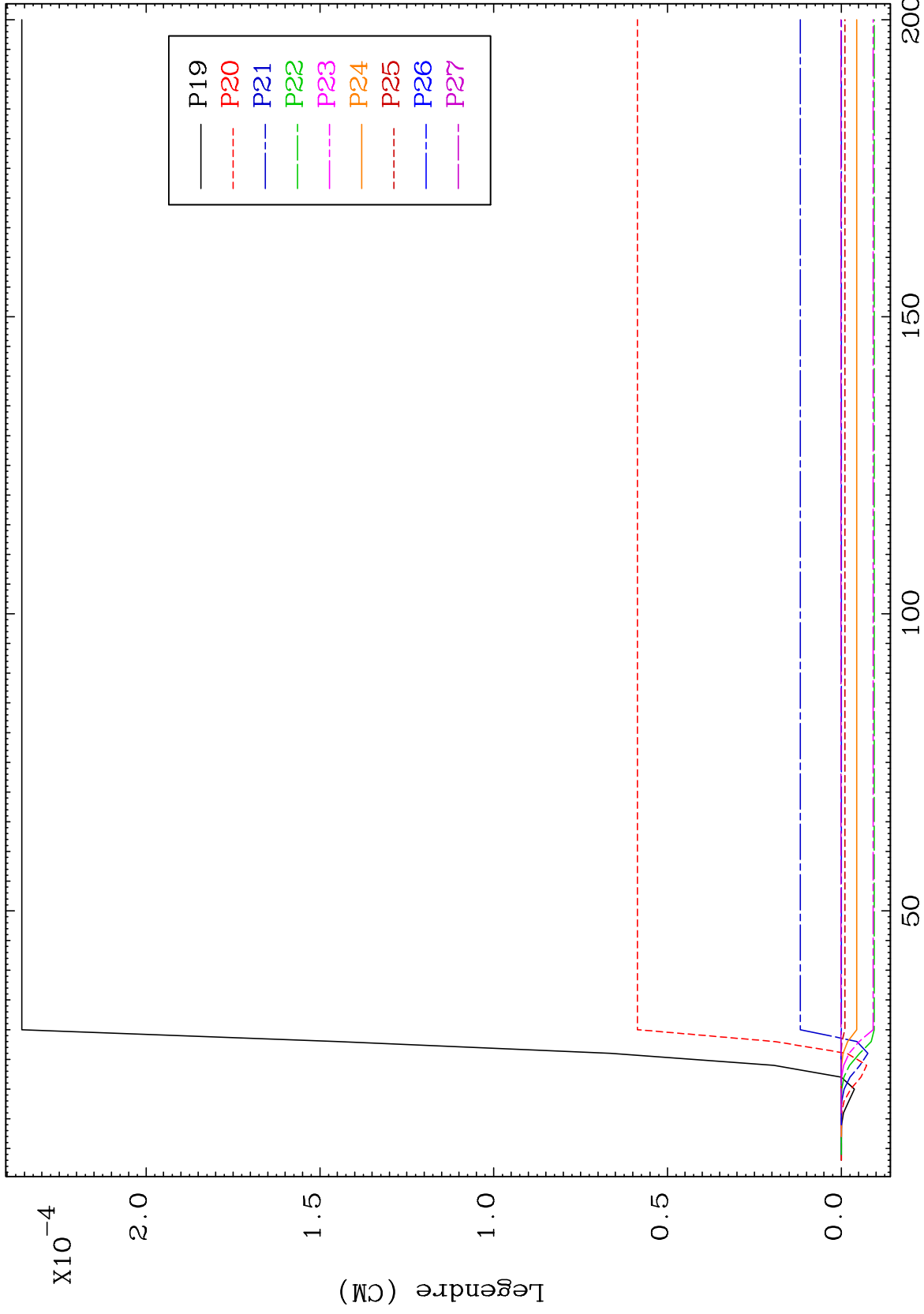
Incident Energy (MeV)

30





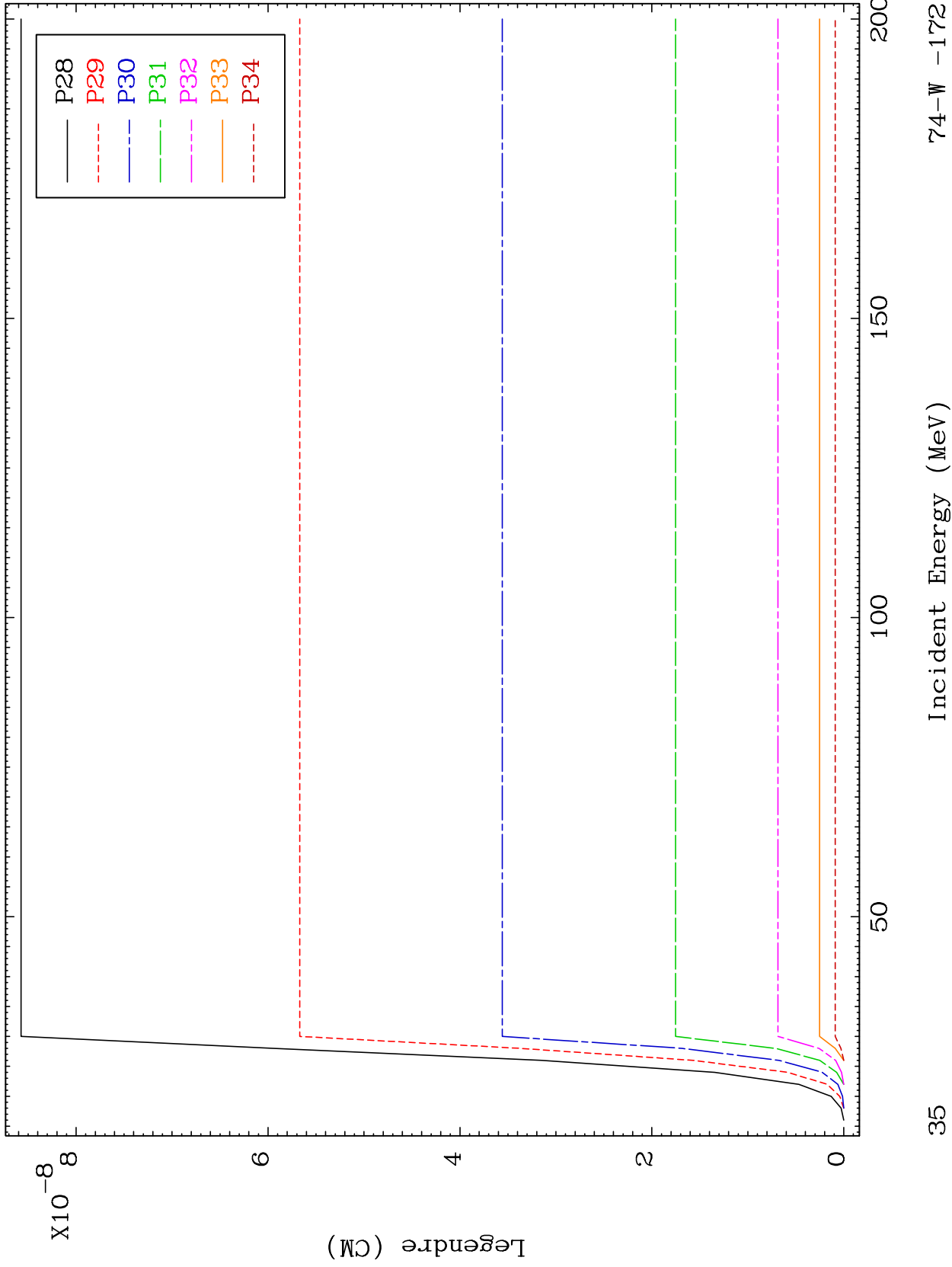




MAT 7401

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

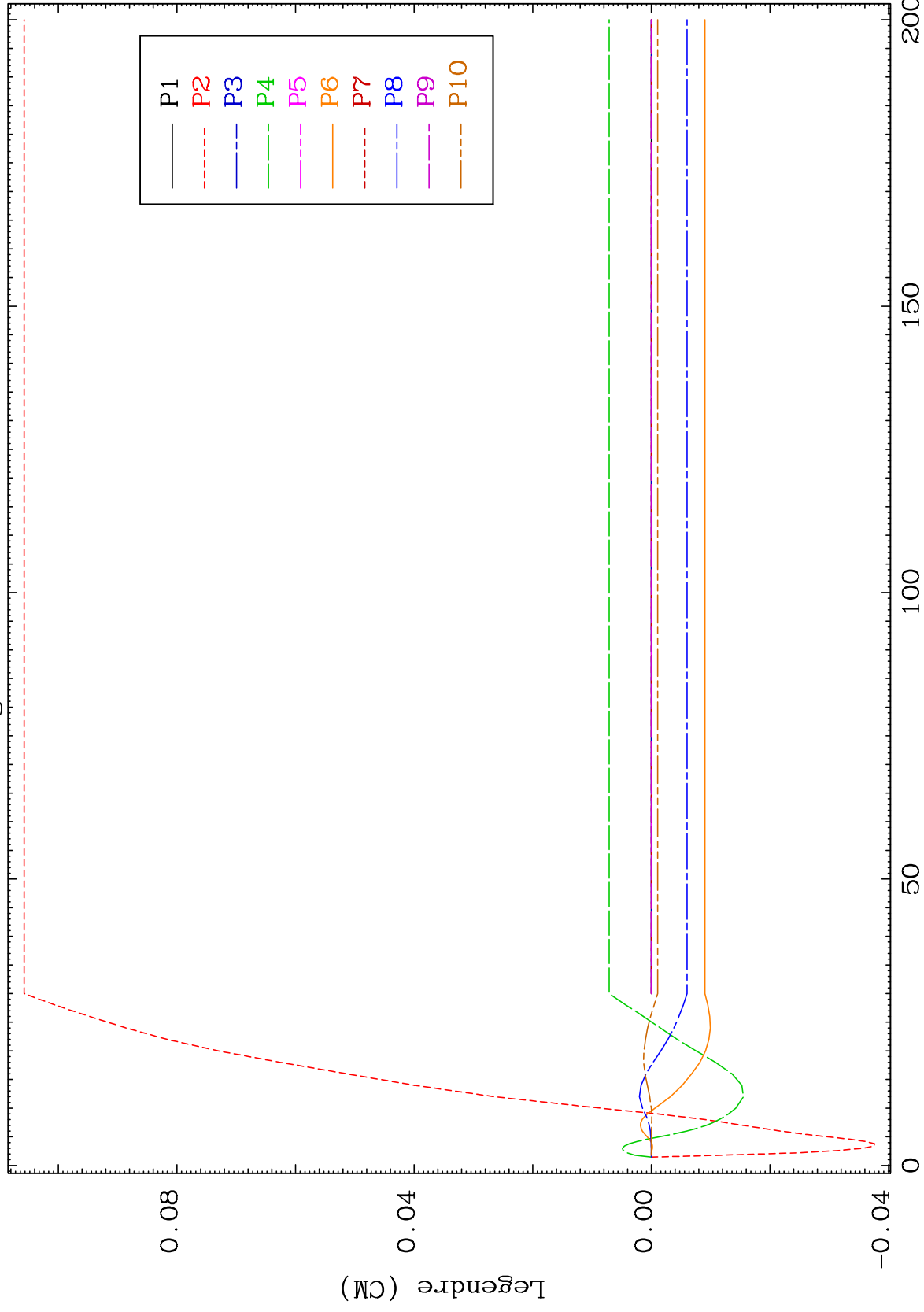
74-W -172



MAT 7401

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

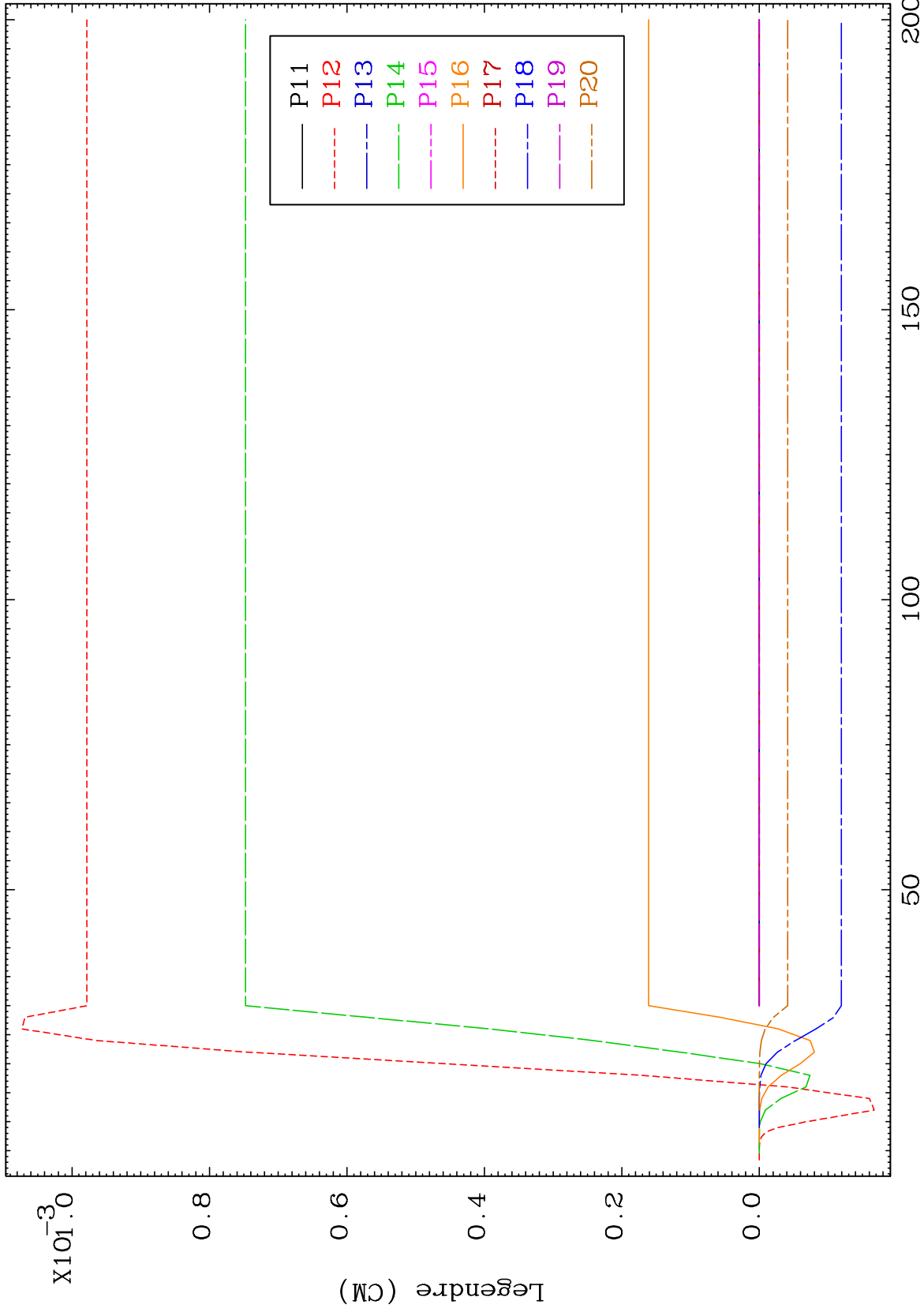
74-W -172

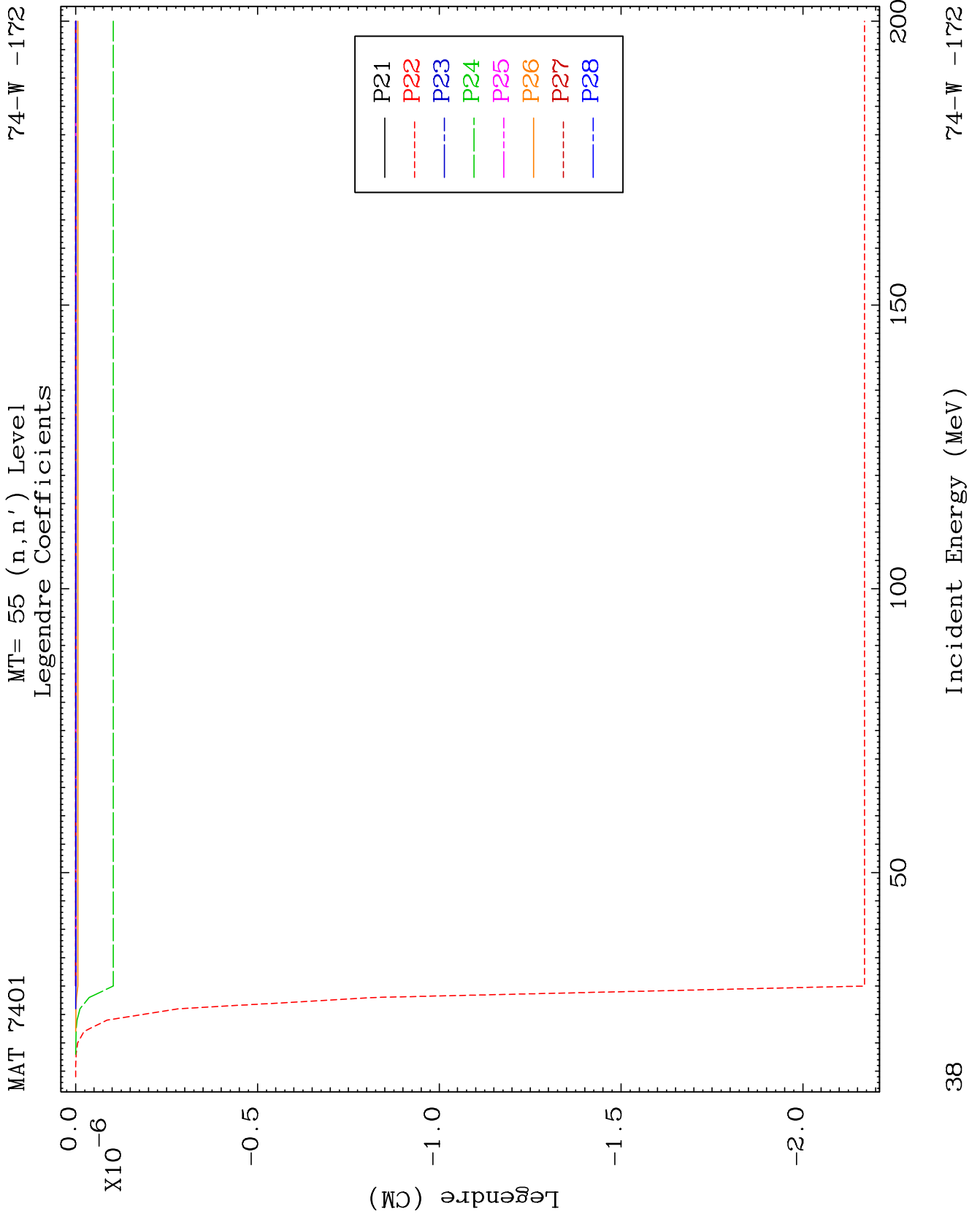


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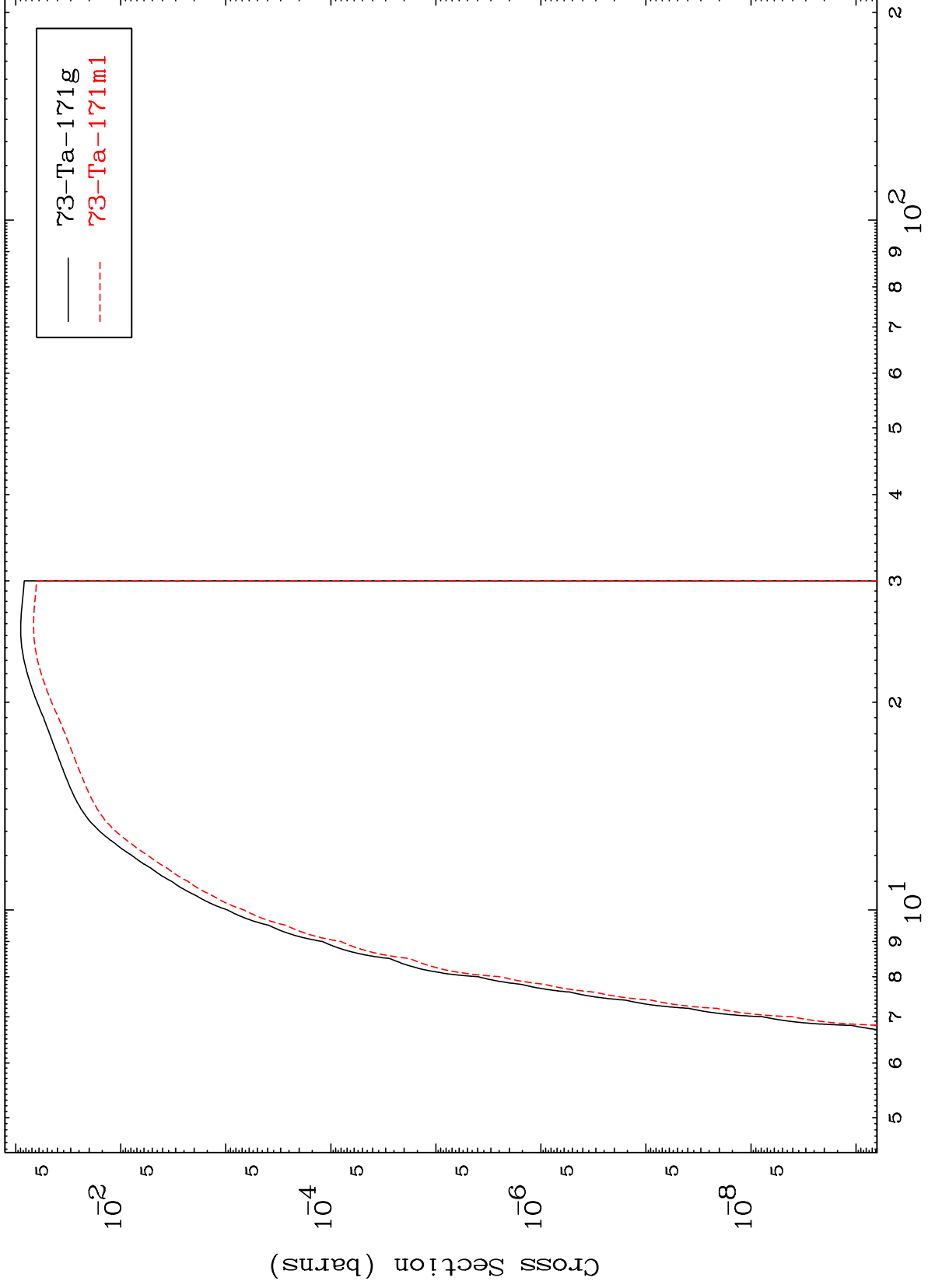
Incident Energy (MeV)

74-W -172





(n,n') p
Radionuclide Production Cross Section

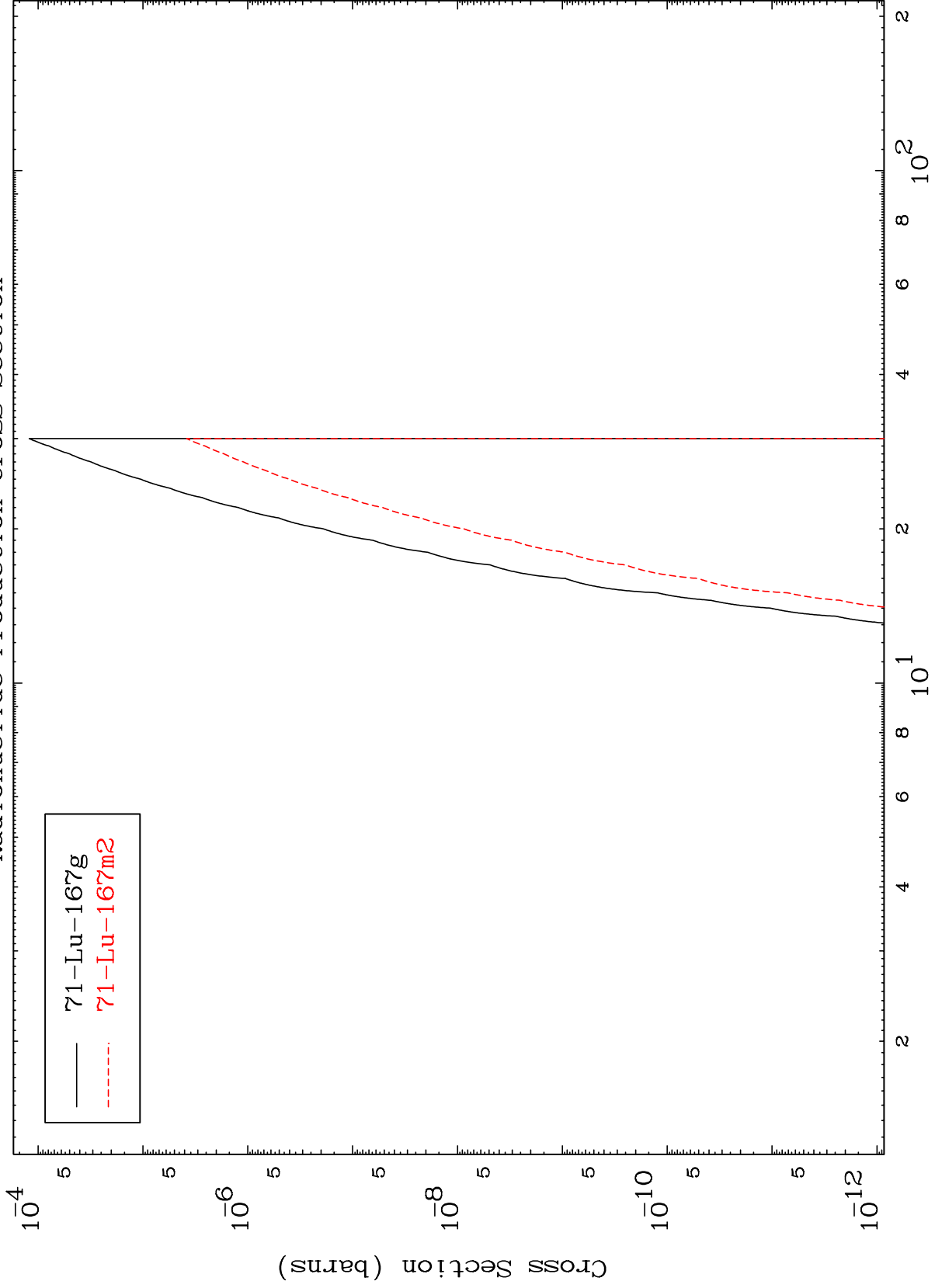


MAT 7401

(n,n') p α

74-W -172

Radionuclide Production Cross Section



40

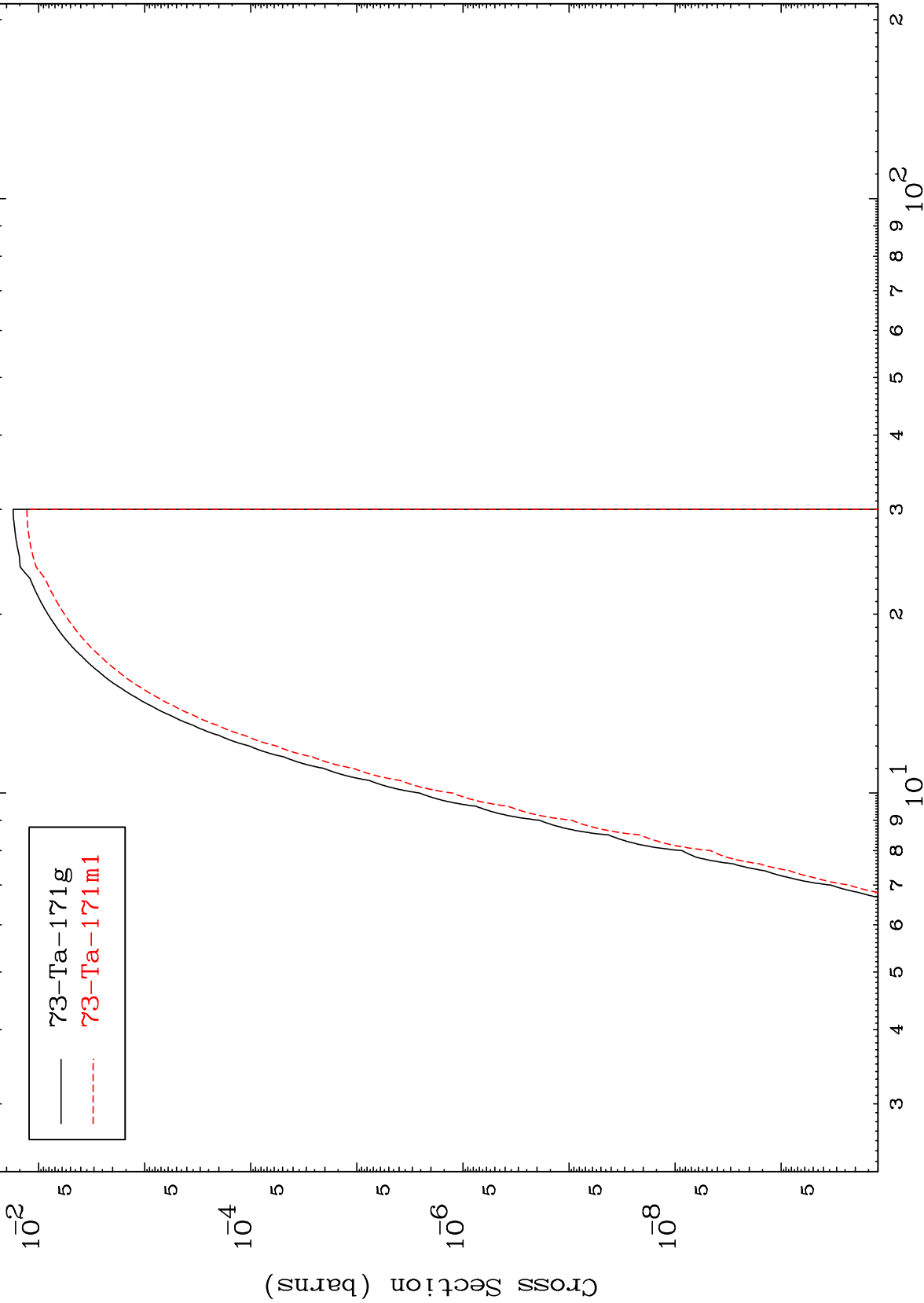
Incident Energy (MeV)

74-W -172

MAT 7401

74-W -172

(n,d)
Radionuclide Production Cross Section



Incident Energy (MeV)

74-W -172

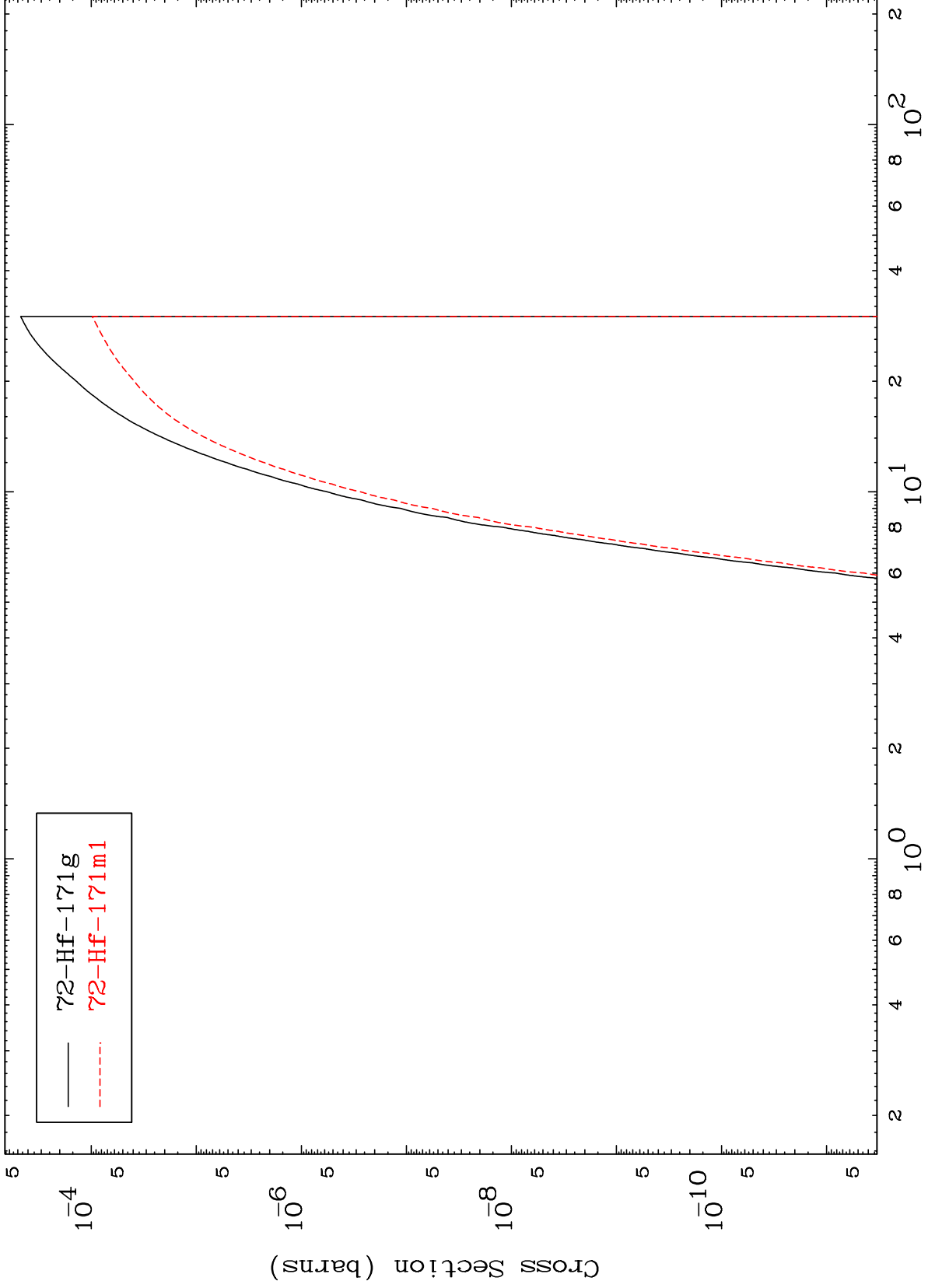
41

MAT 7401

(n,2p)

74-W -172

Radionuclide Production Cross Section



42

Incident Energy (MeV)

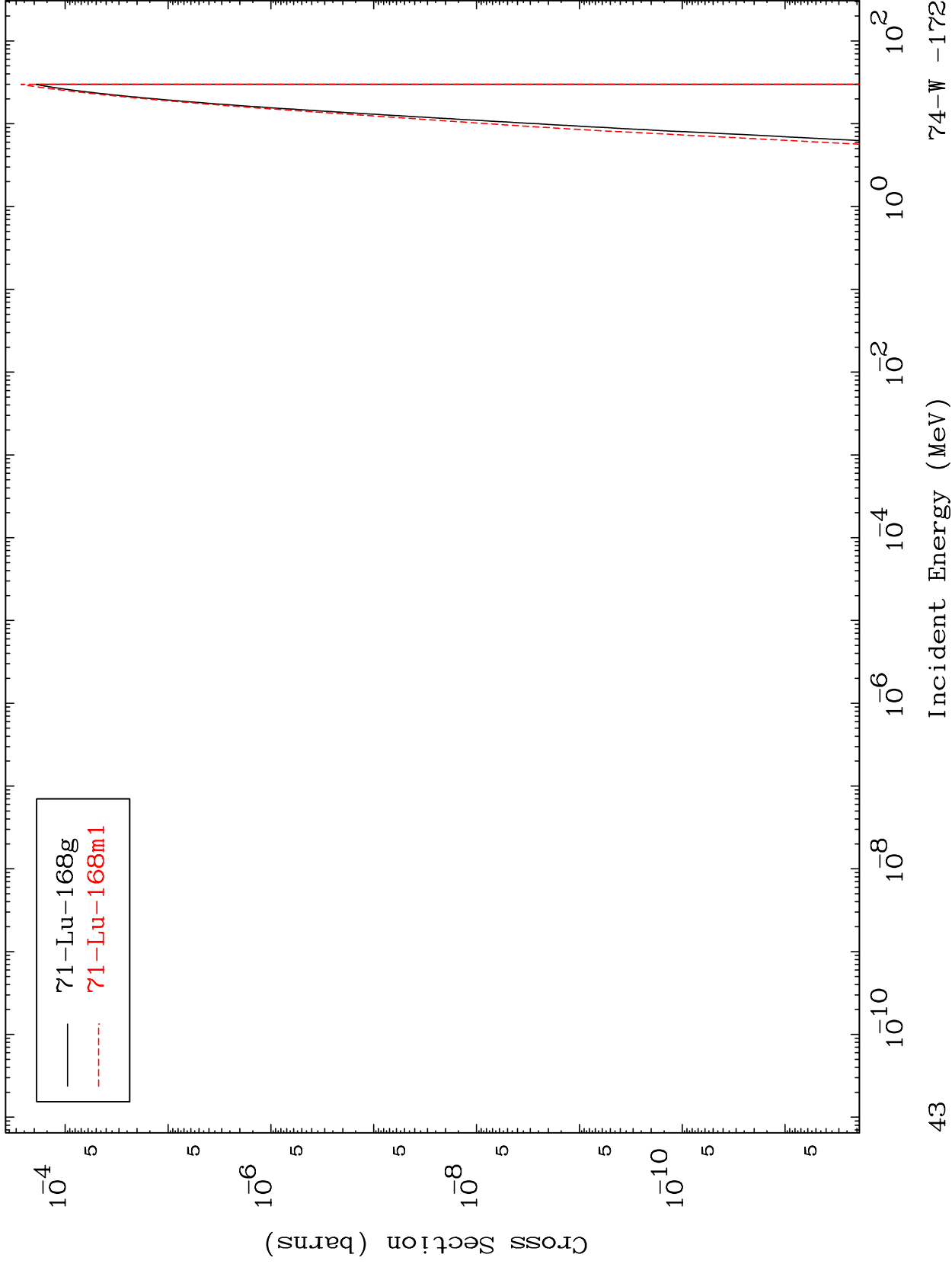
74-W -172

MAT 7401

(n,p) α

74-W -172

Radionuclide Production Cross Section

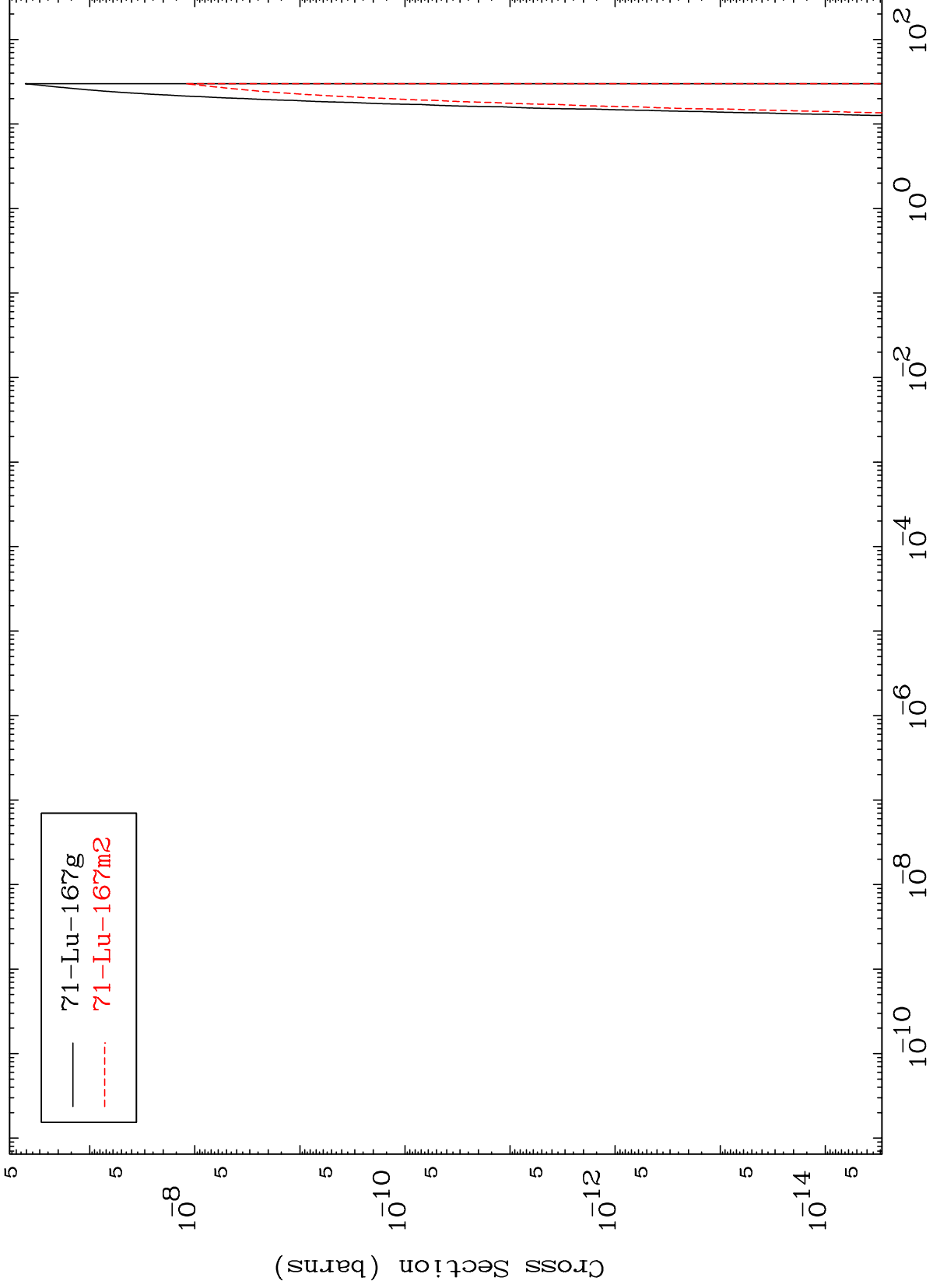


MAT 7401

(n,d) α

74-W -172

Radionuclide Production Cross Section



— $^{71}\text{Lu-167g}$
- - - $^{71}\text{Lu-167m2}$