

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

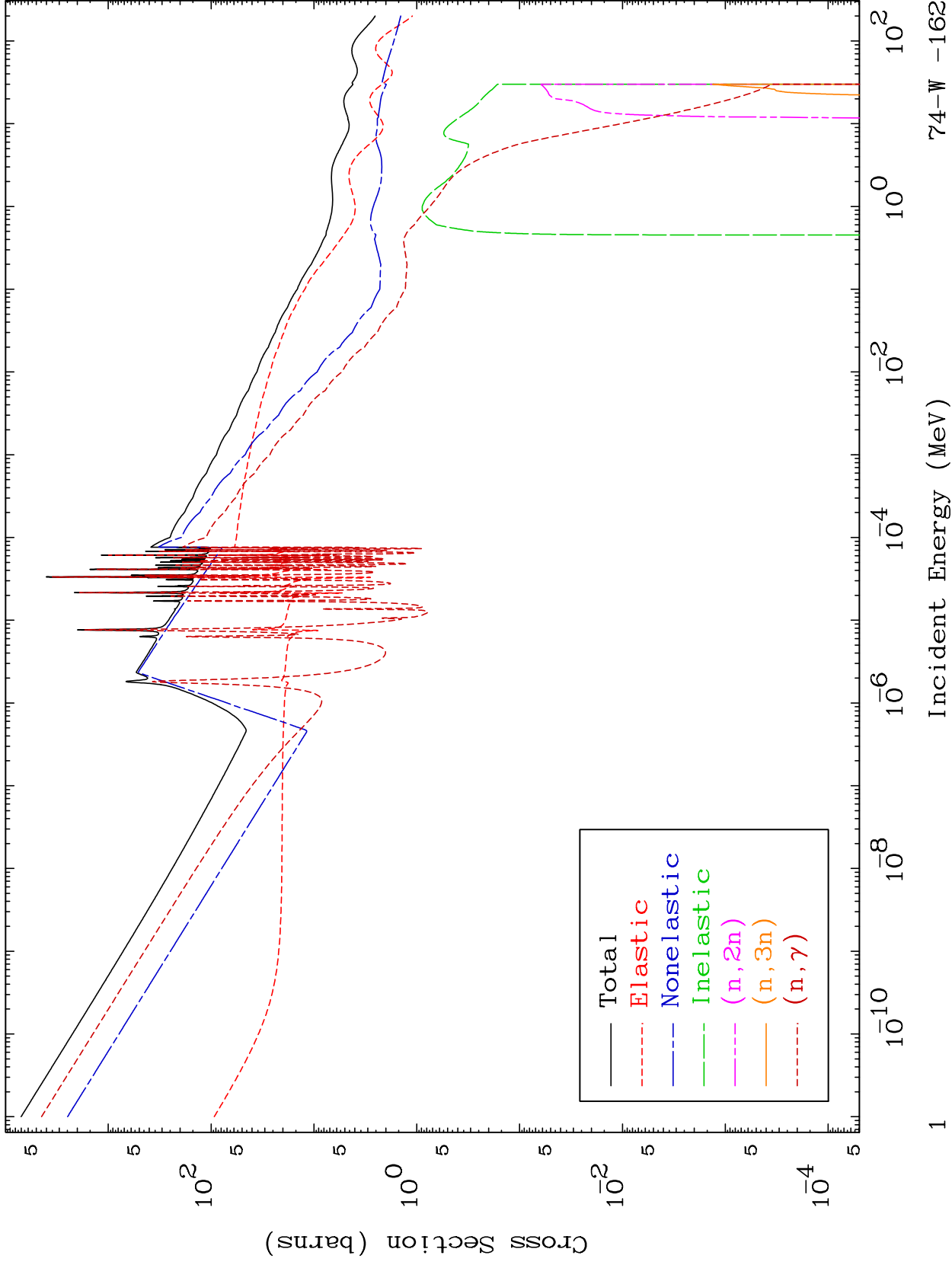
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Web:redcullen1.net/HOMEPAGE.NEW

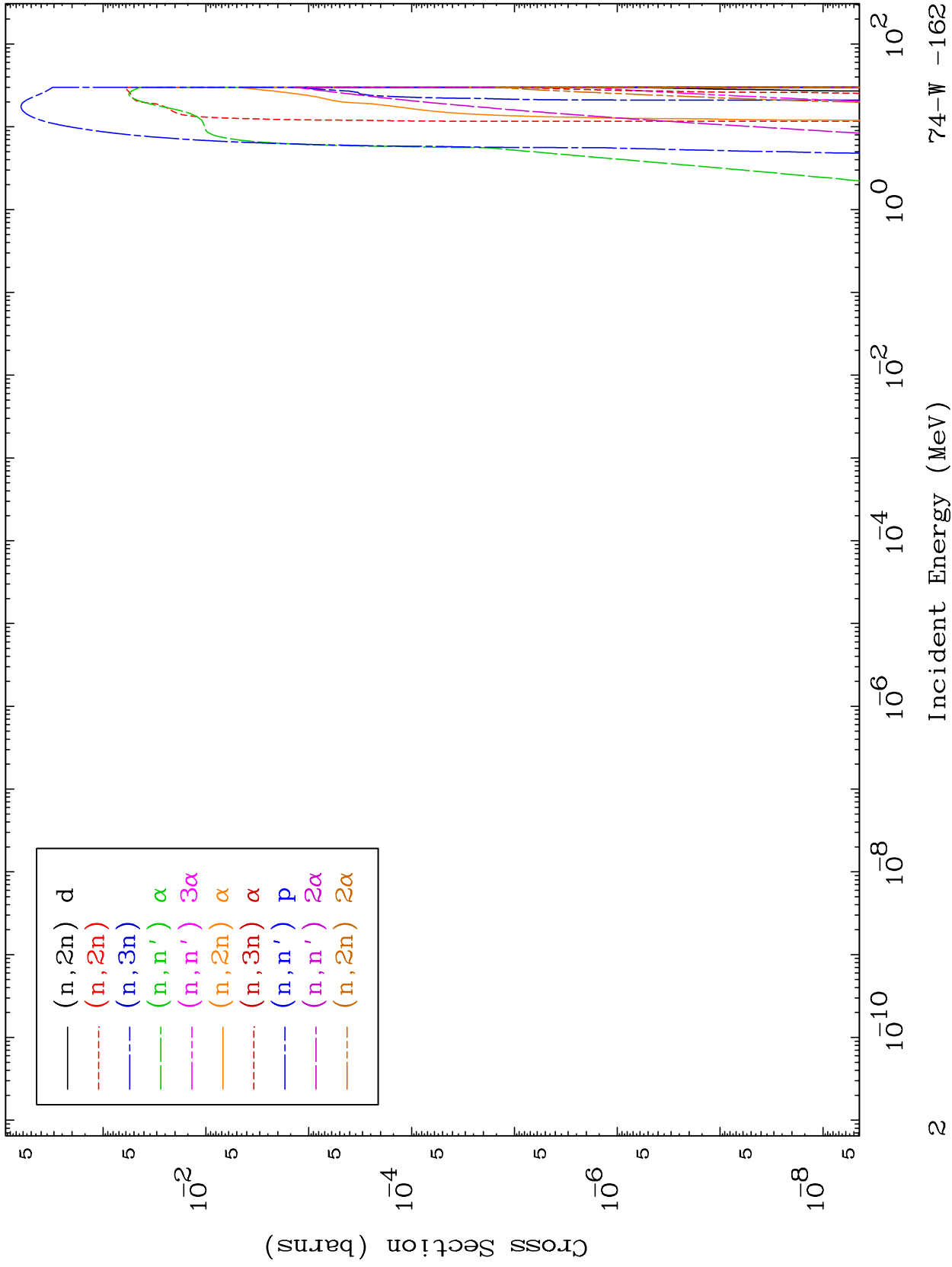
Press Mouse Button to Start

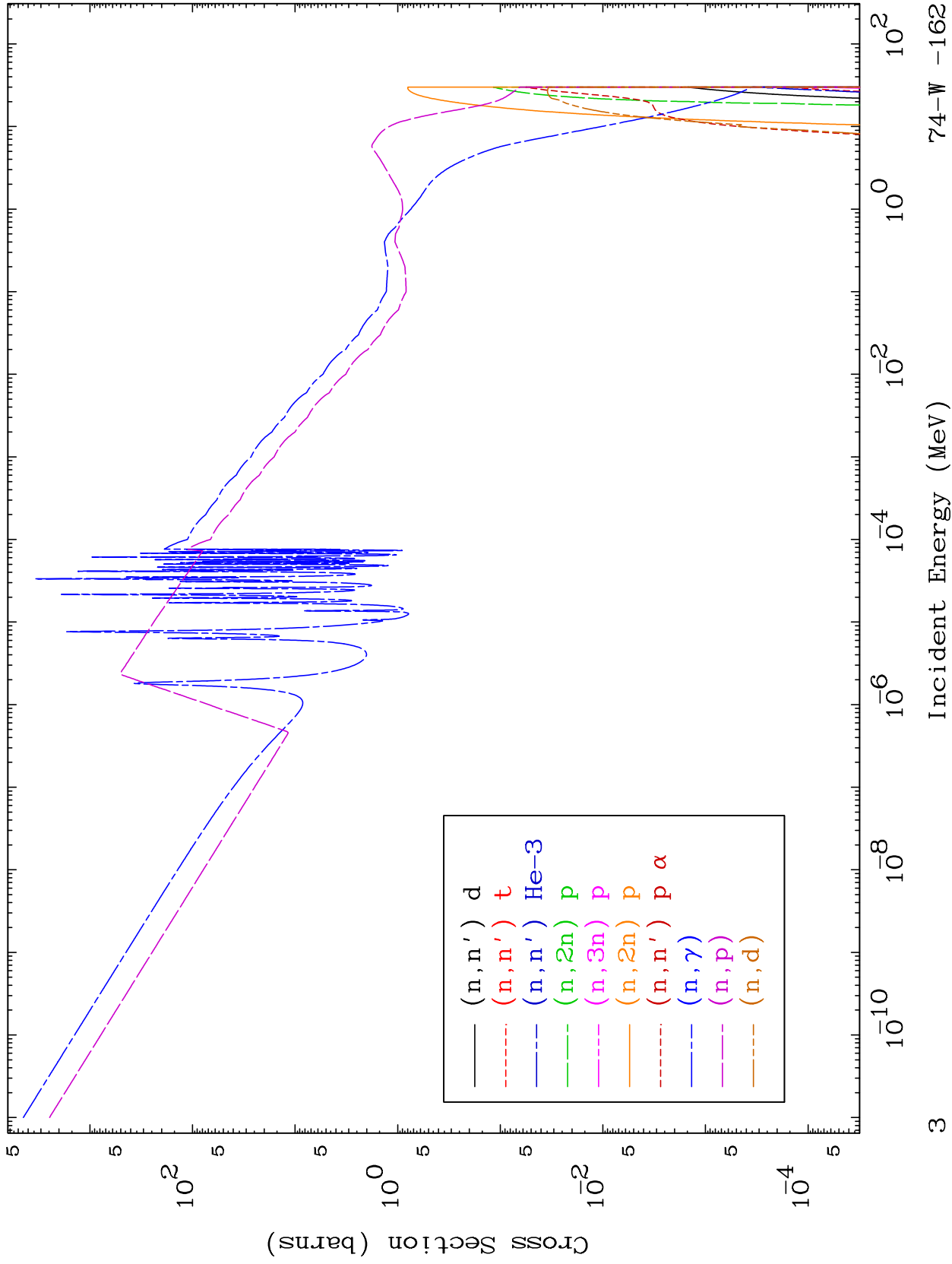


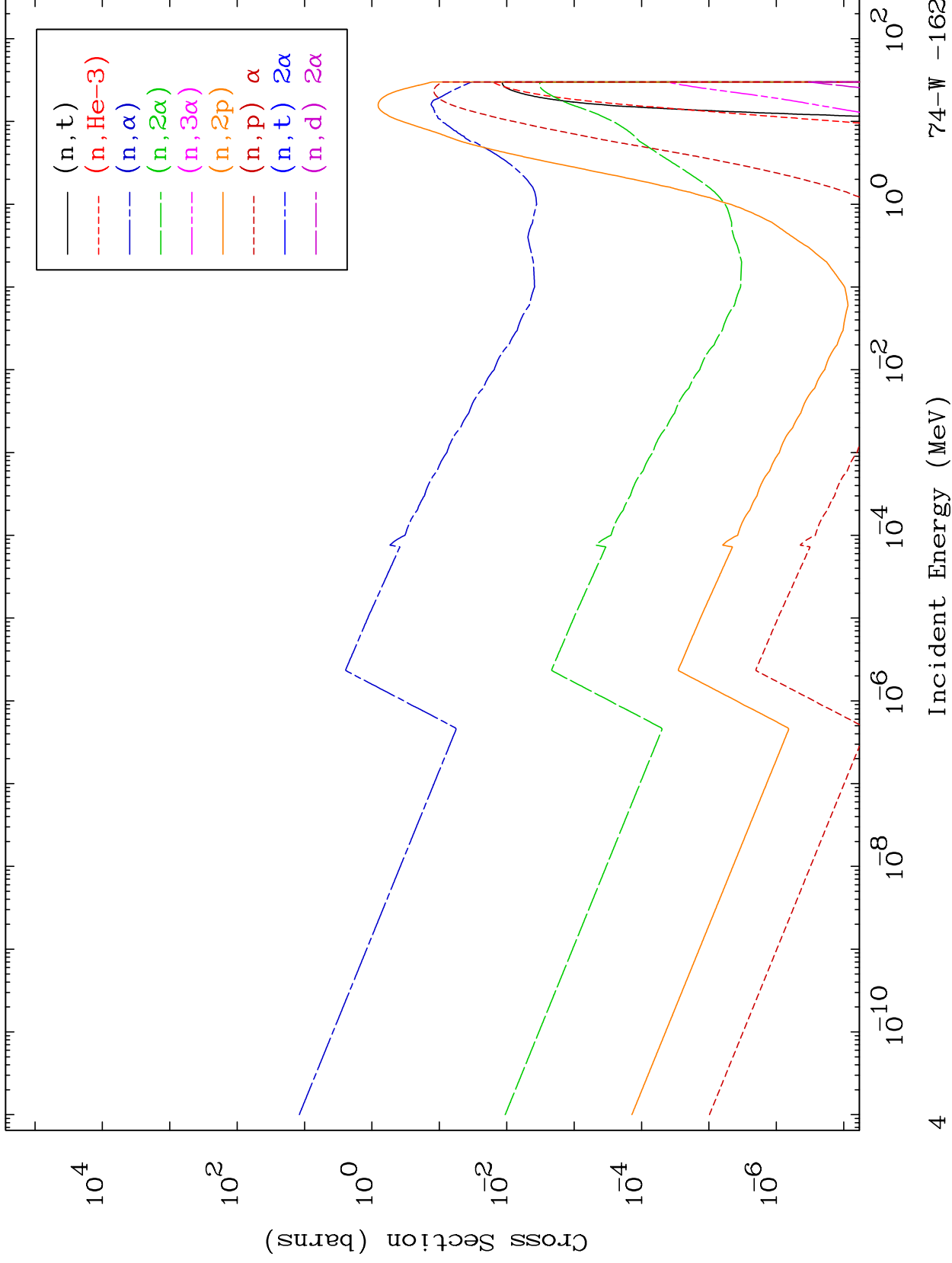
MAT 7371

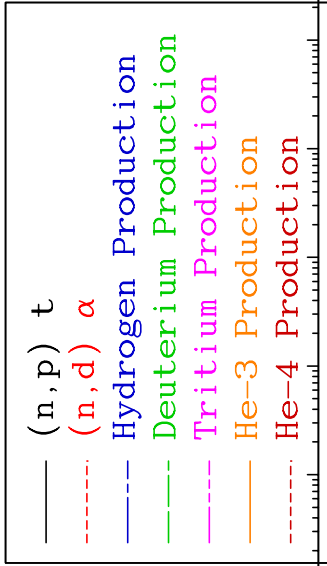
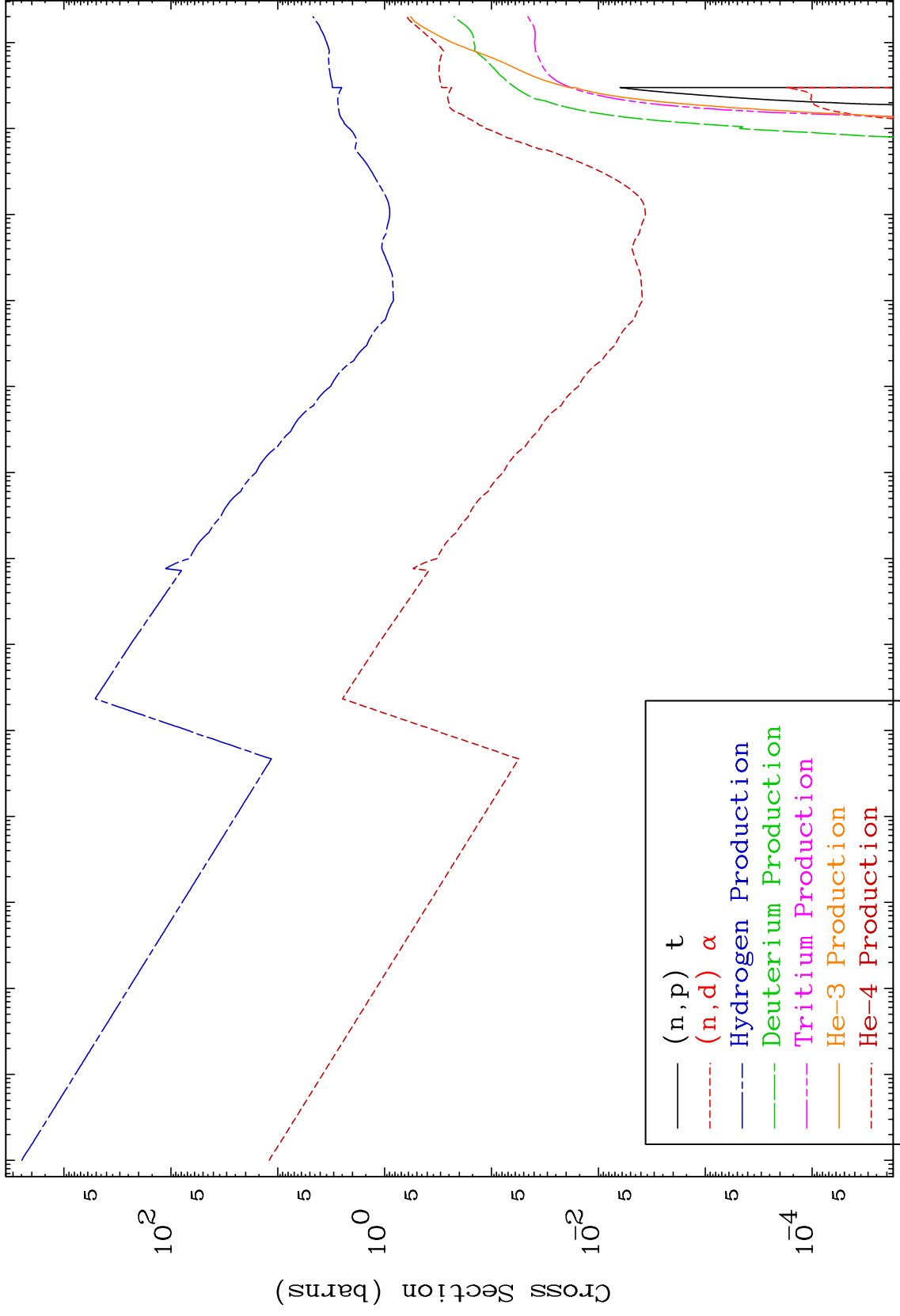
Neutron Absorption
293 Kelvin Cross Sections

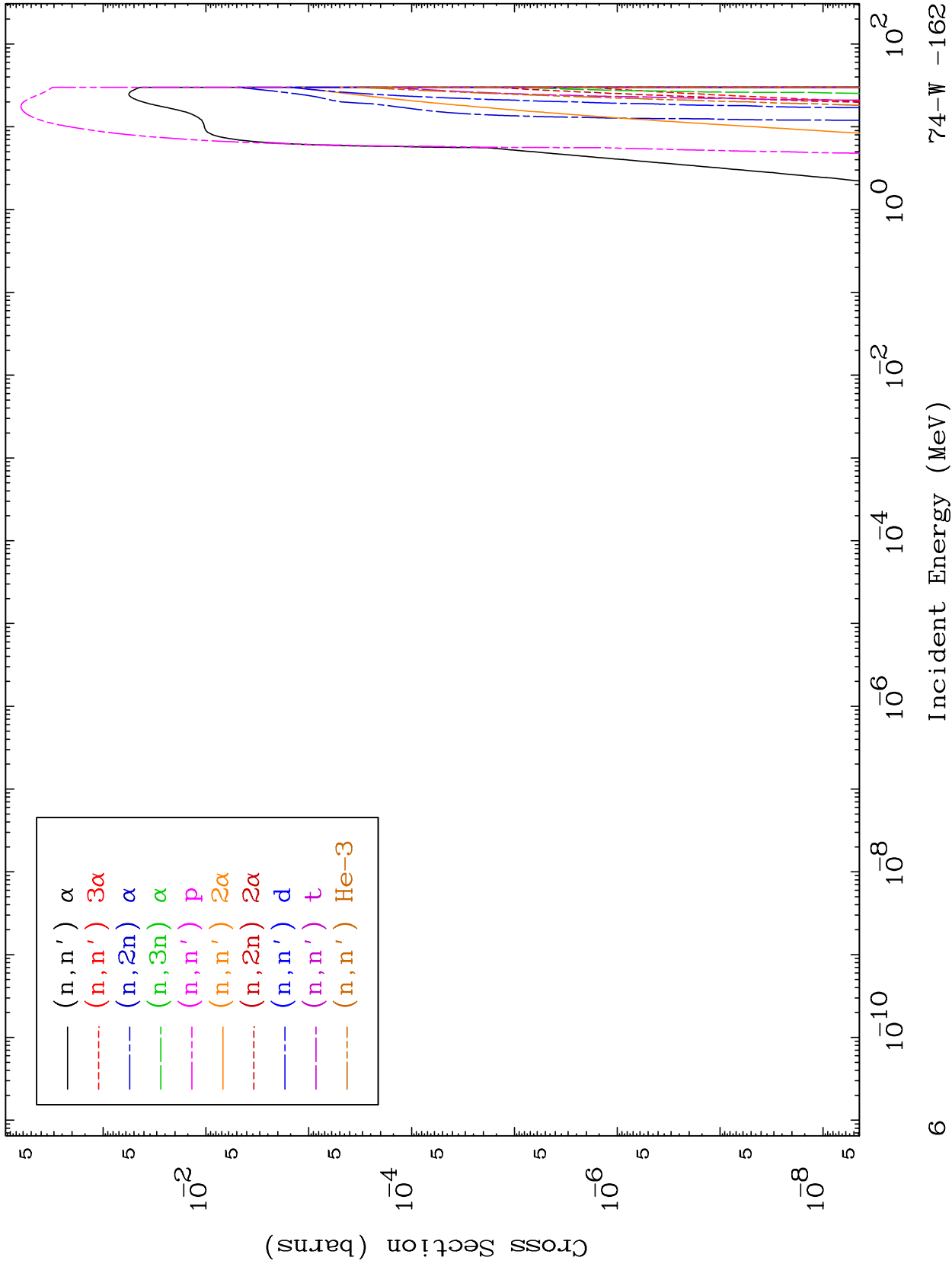
74-W -162

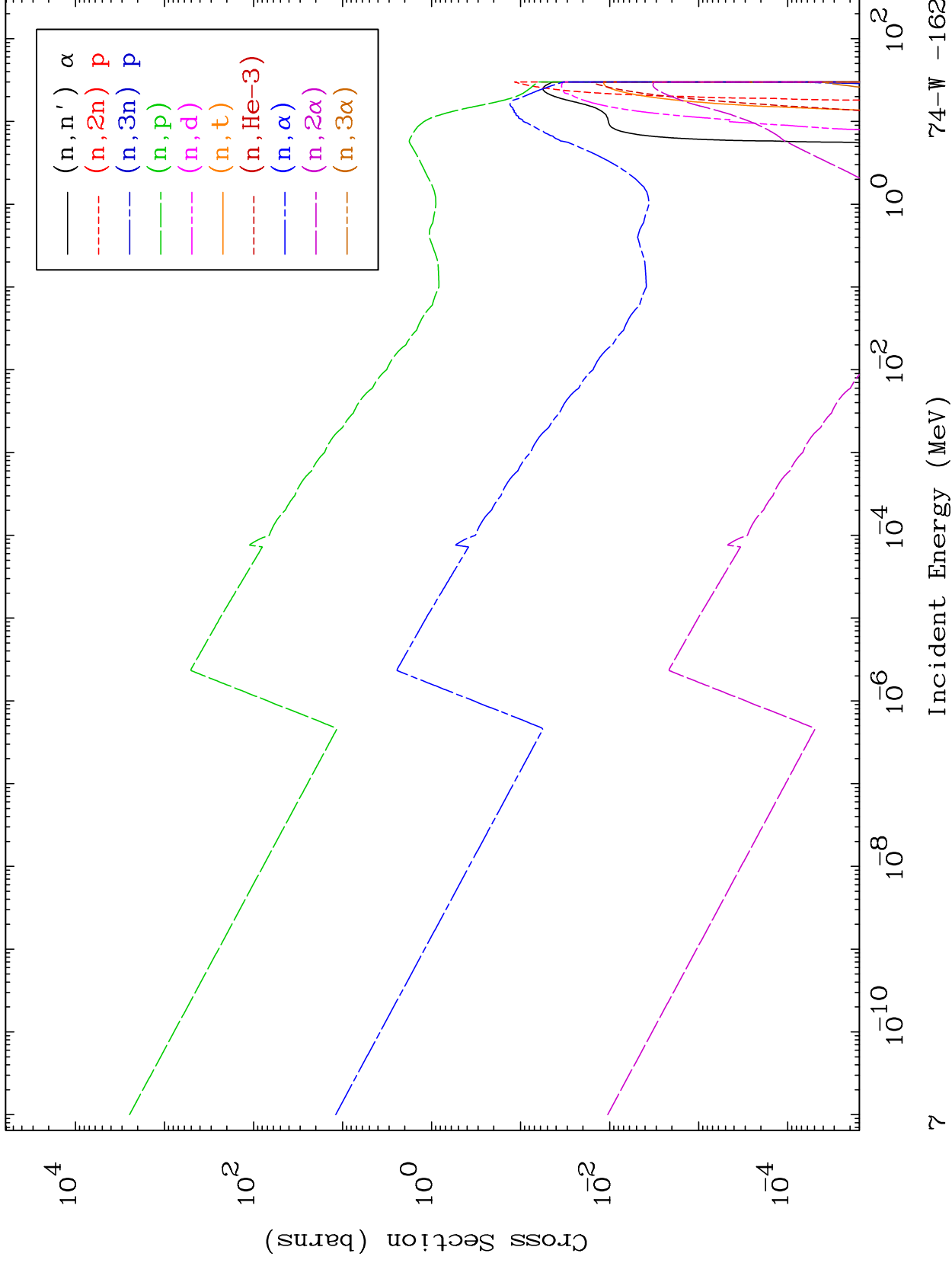








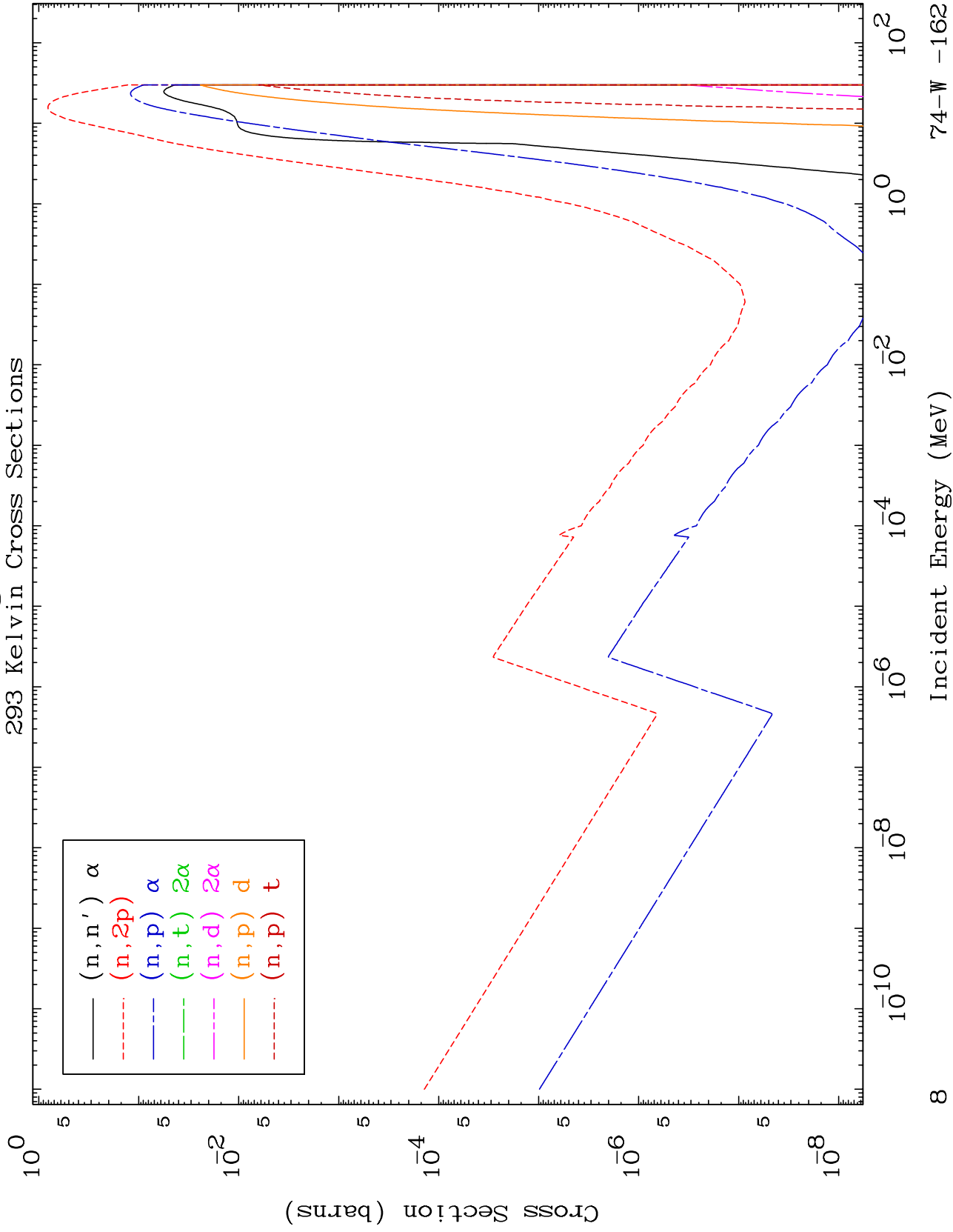


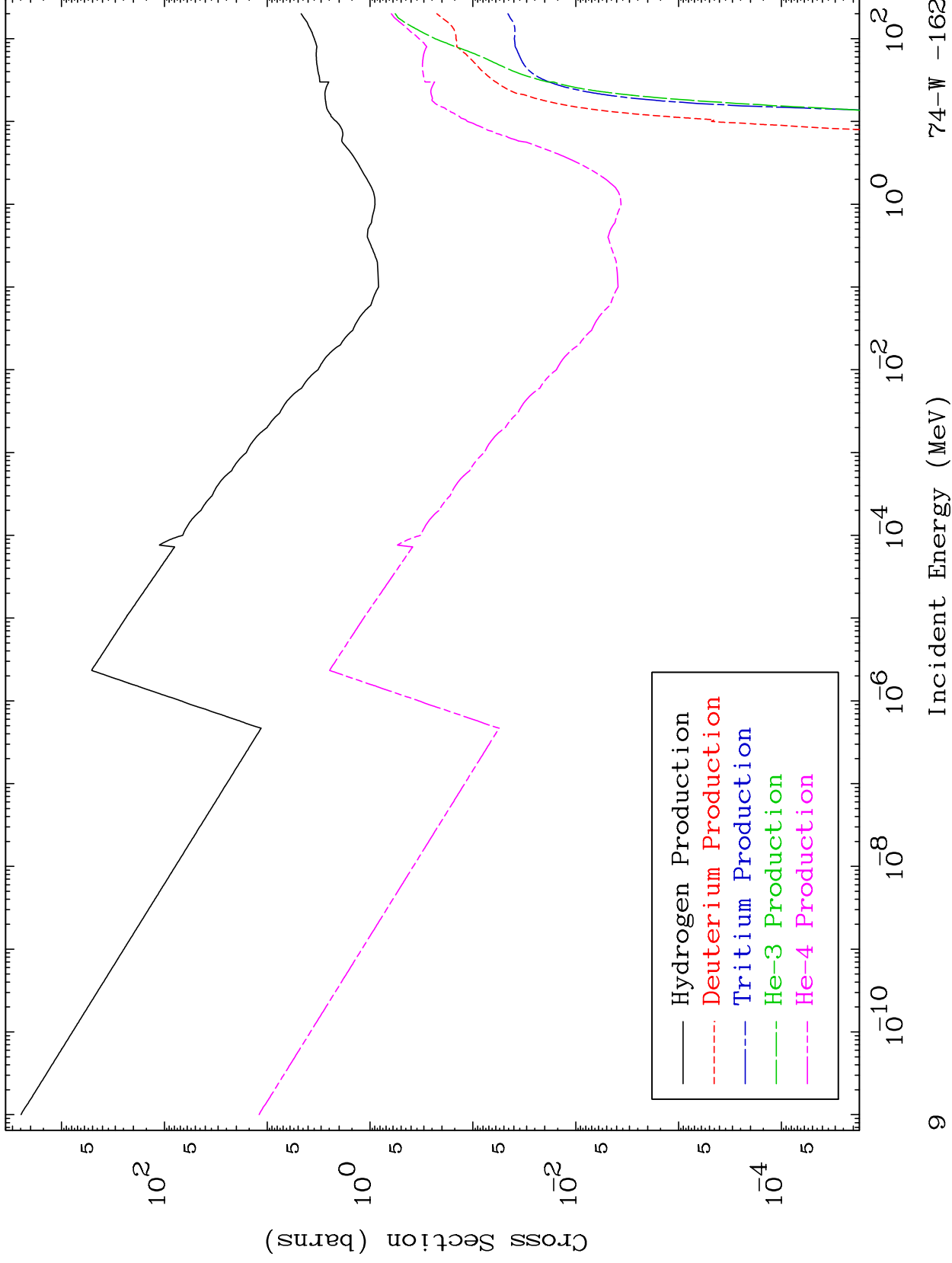


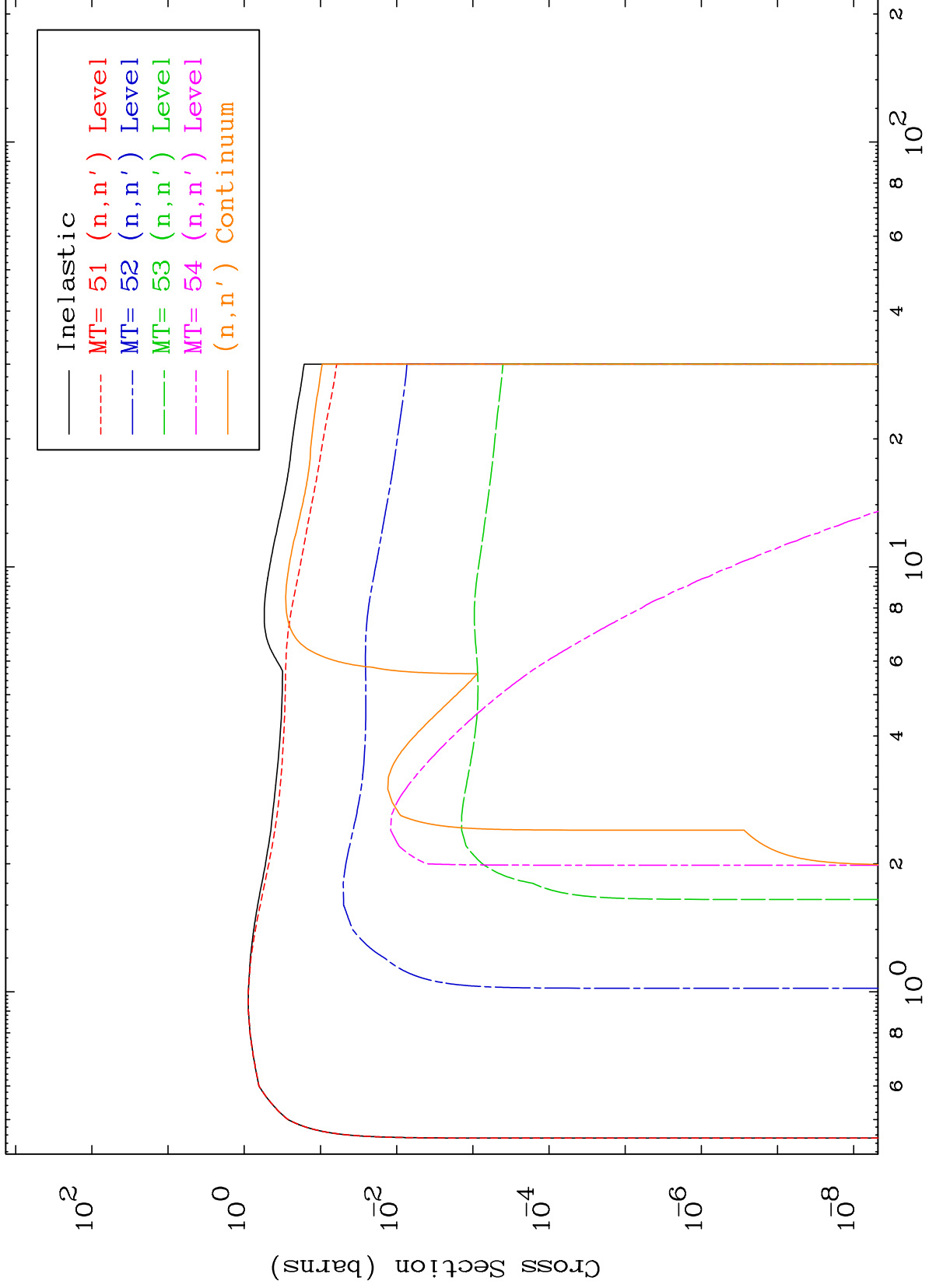
MAT 7371

Charged Particle
293 Kelvin Cross Sections

74-W -162



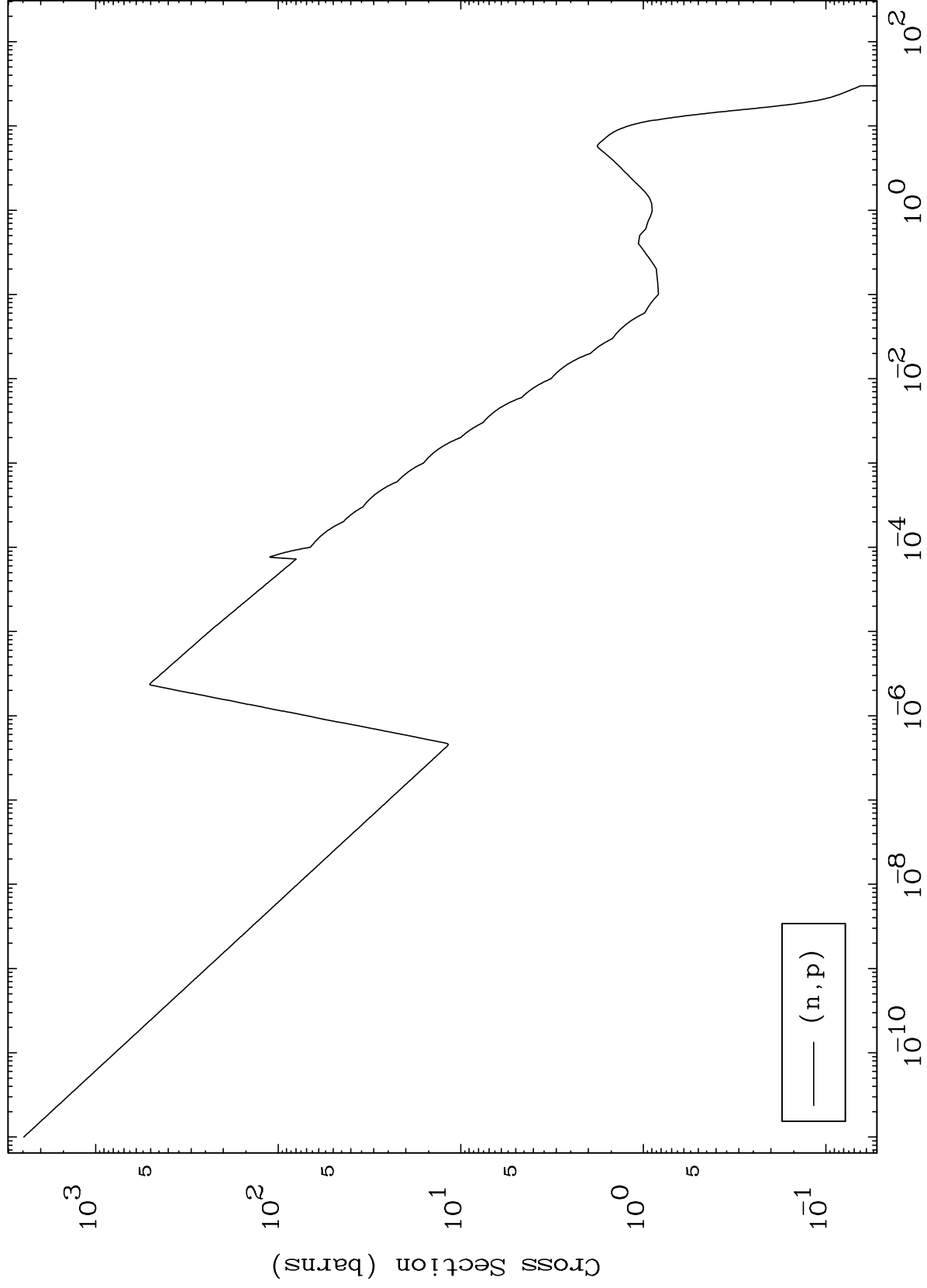




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(n,p) Levels
293 Kelvin Cross Sections

74-W -162



11

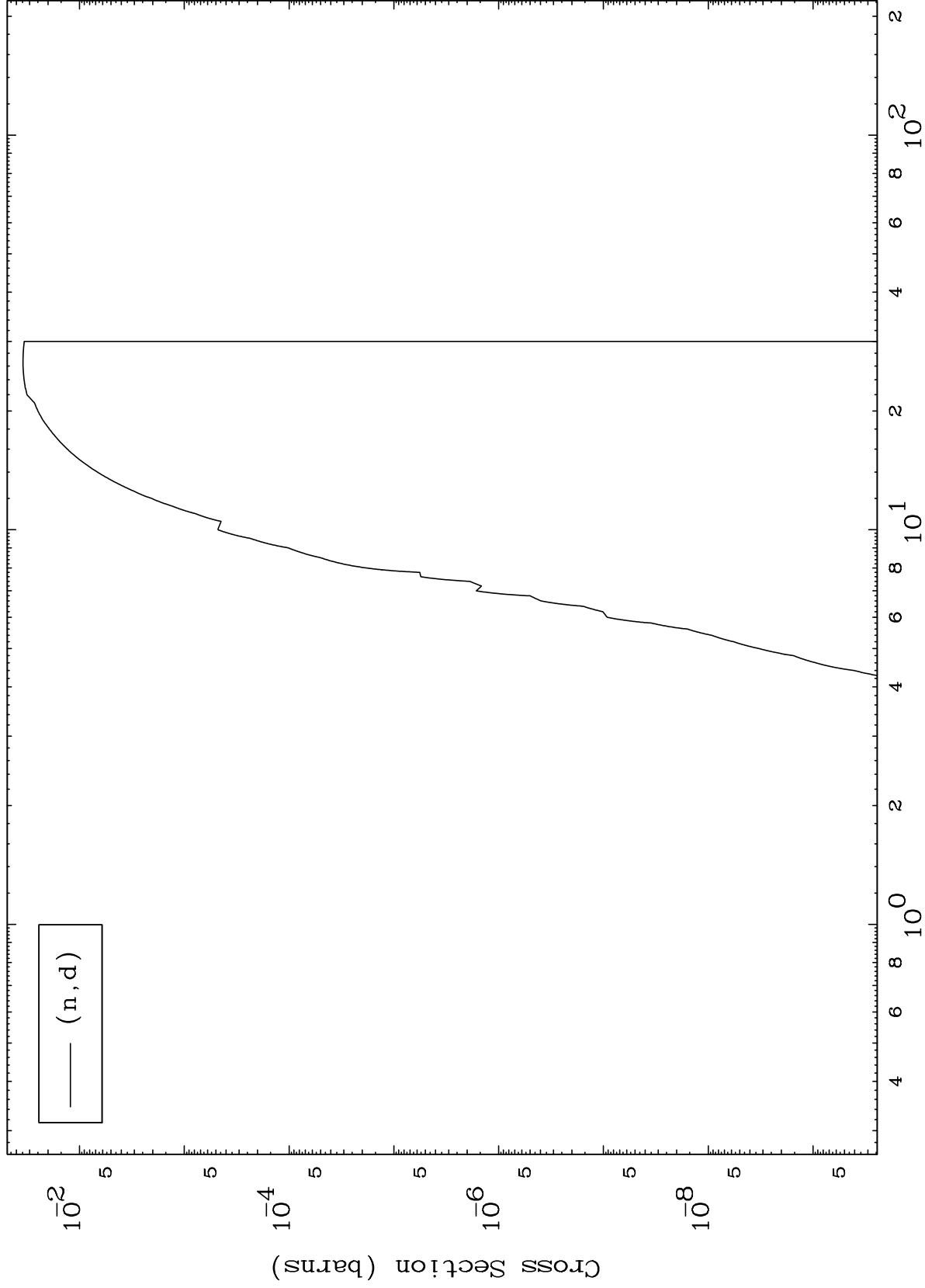
Incident Energy (MeV)

74-W -162

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(n,d) Levels
293 Kelvin Cross Sections

74-W -162



12

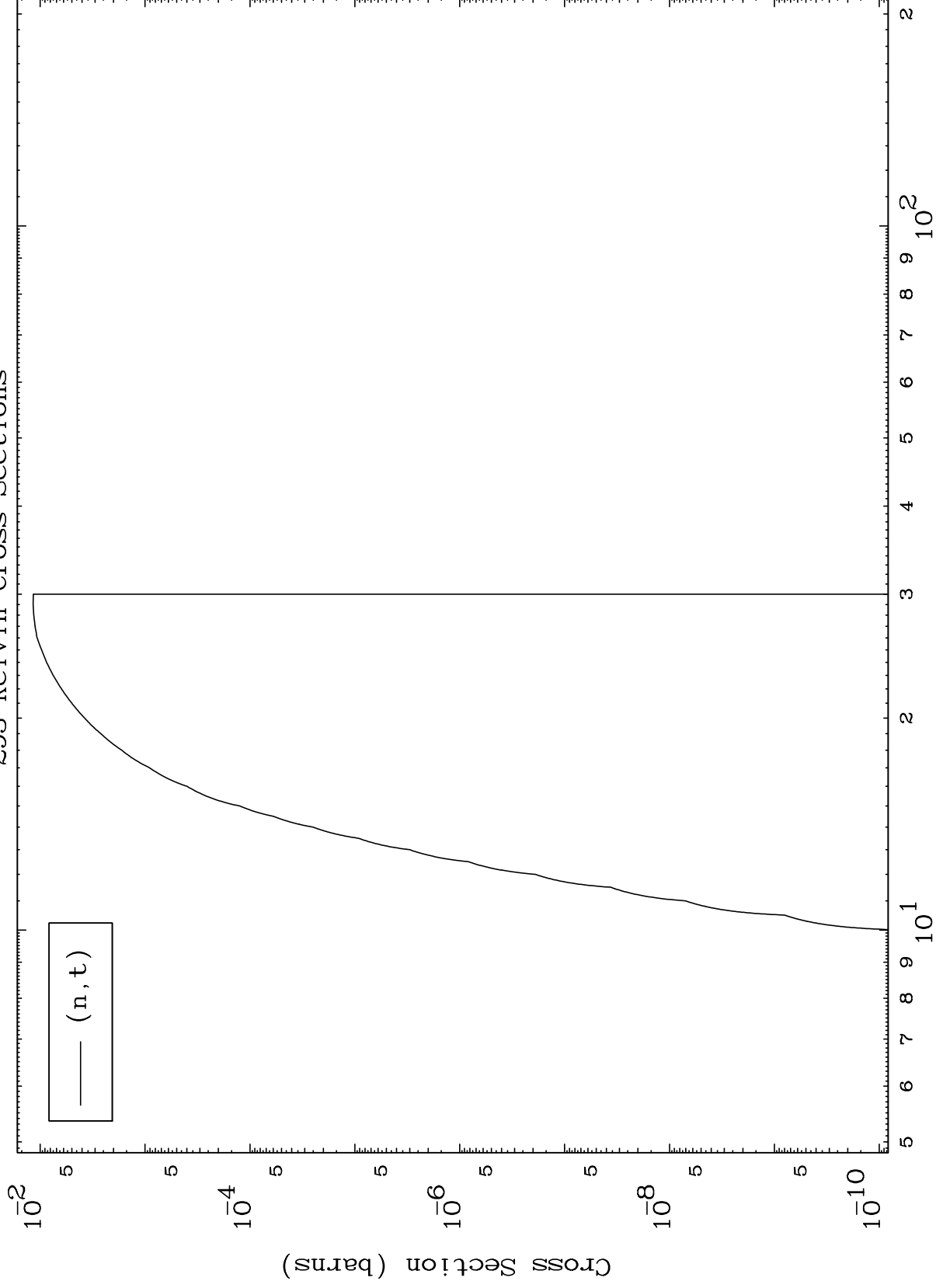
Incident Energy (MeV)

74-W -162

MAT 7371

(n,t) Levels
293 Kelvin Cross Sections

74-W -162



13

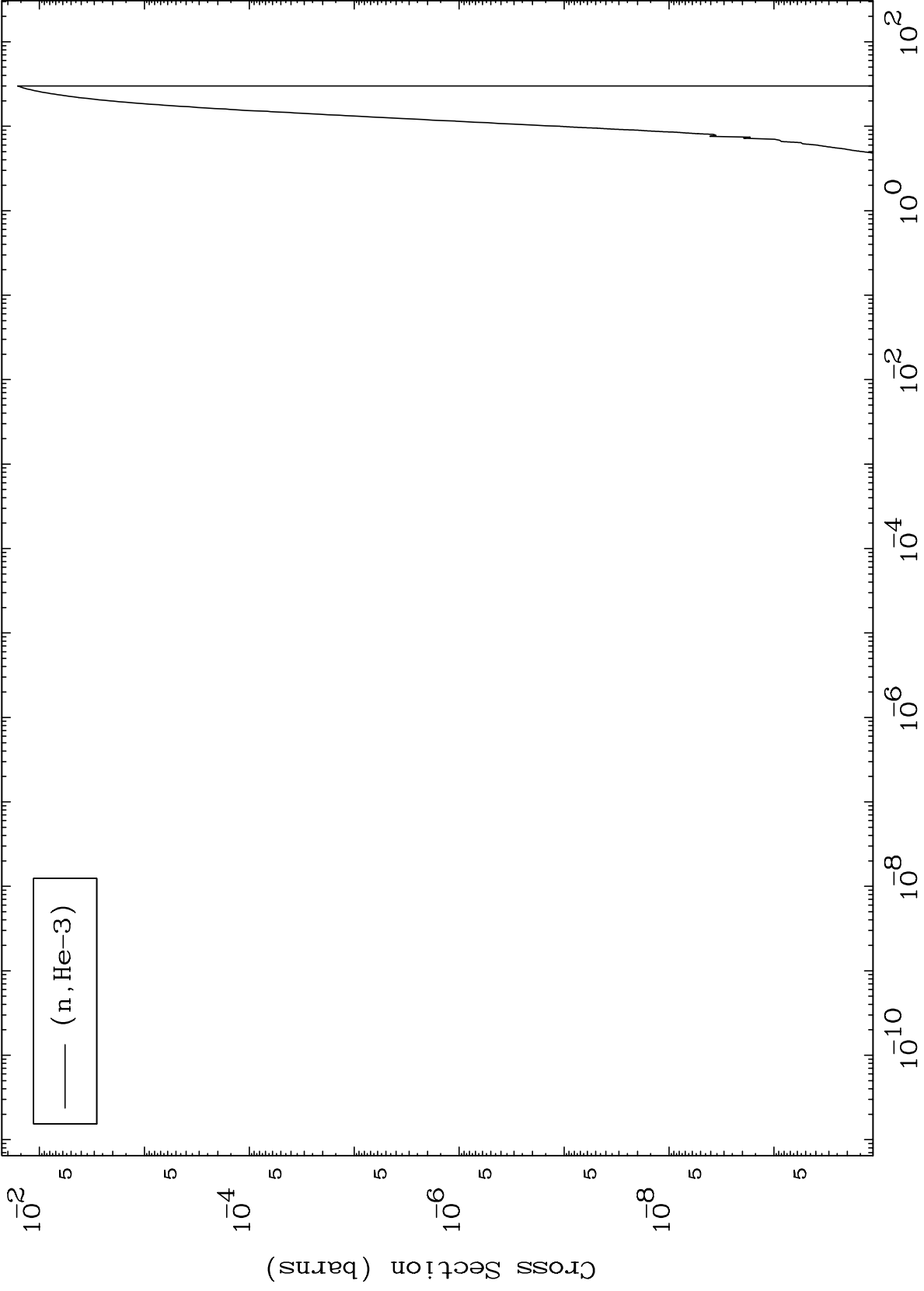
Incident Energy (MeV)

74-W -162

MAT 7371

(n,He3) Levels
293 Kelvin Cross Sections

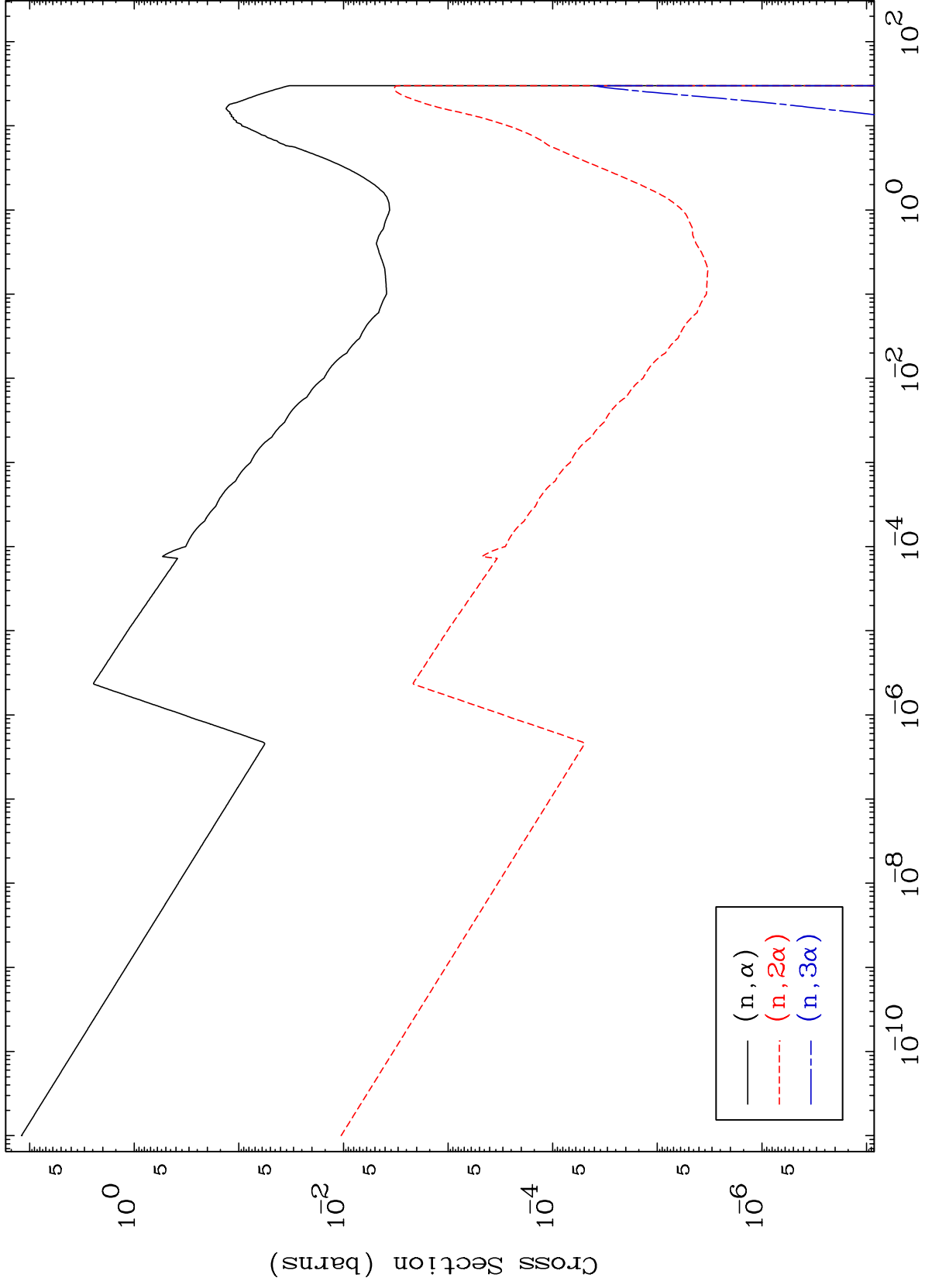
74-W -162



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(n,α) Levels
293 Kelvin Cross Sections

74-W -162



15

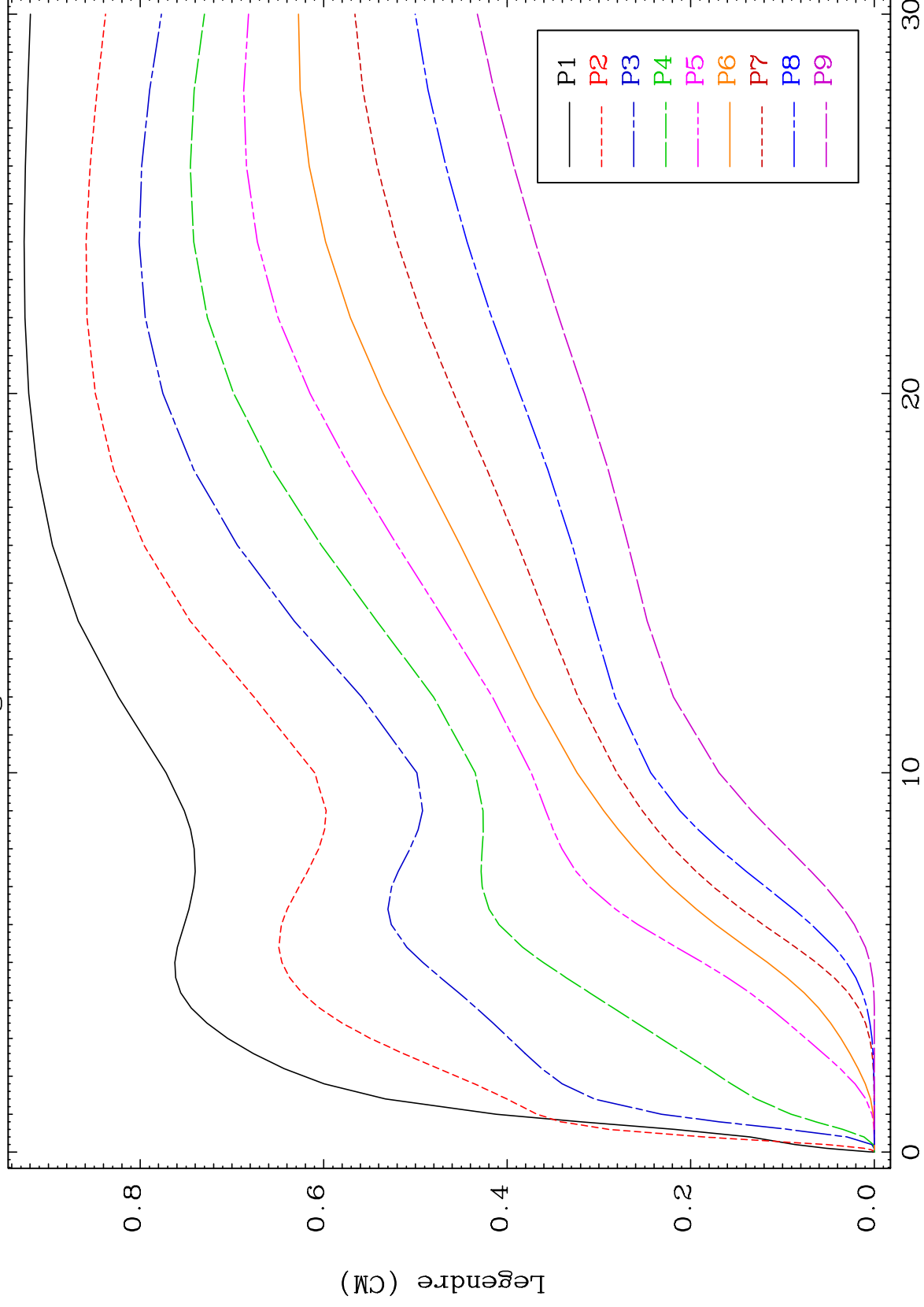
Incident Energy (MeV)

74-W -162

MAT 7371

Elastic Legendre Coefficients

74-W -162



16

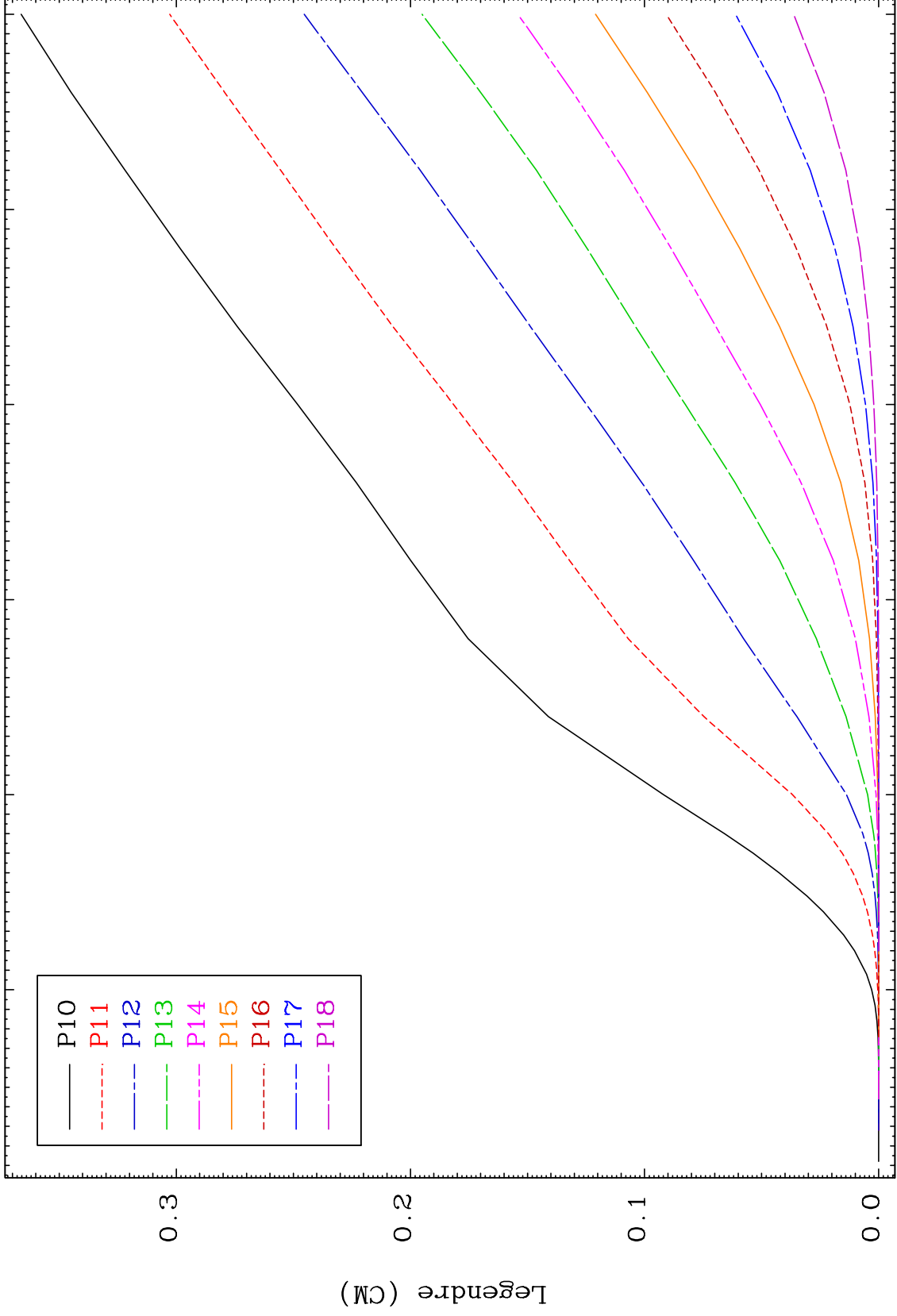
Incident Energy (MeV)

74-W -162

MAT 7371

Elastic Legendre Coefficients

74-W -162



17

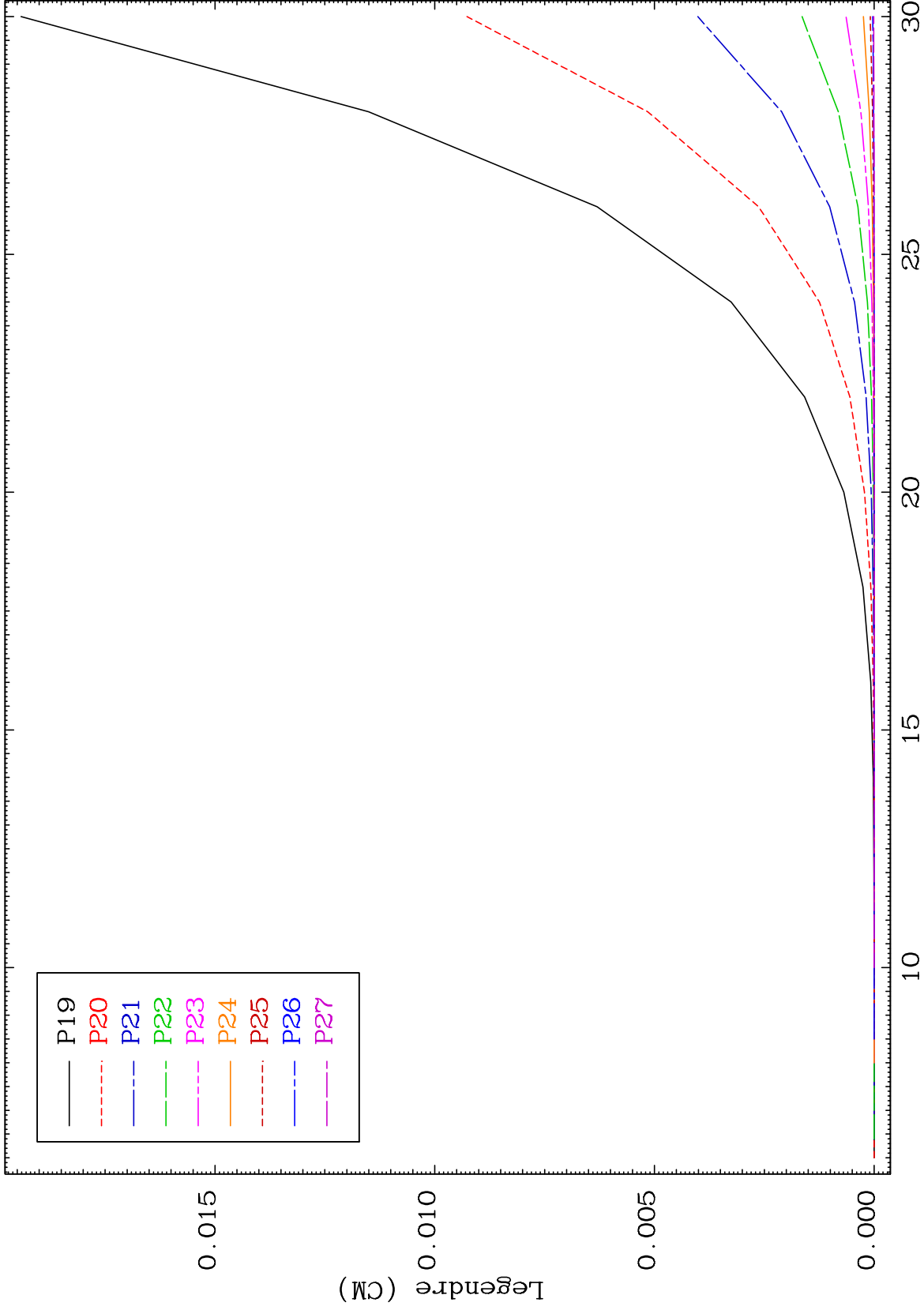
Incident Energy (MeV)

74-W -162

MAT 7371

Elastic Legendre Coefficients

74-W -162



18

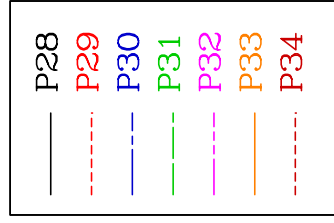
Incident Energy (MeV)

74-W -162

MAT 7371

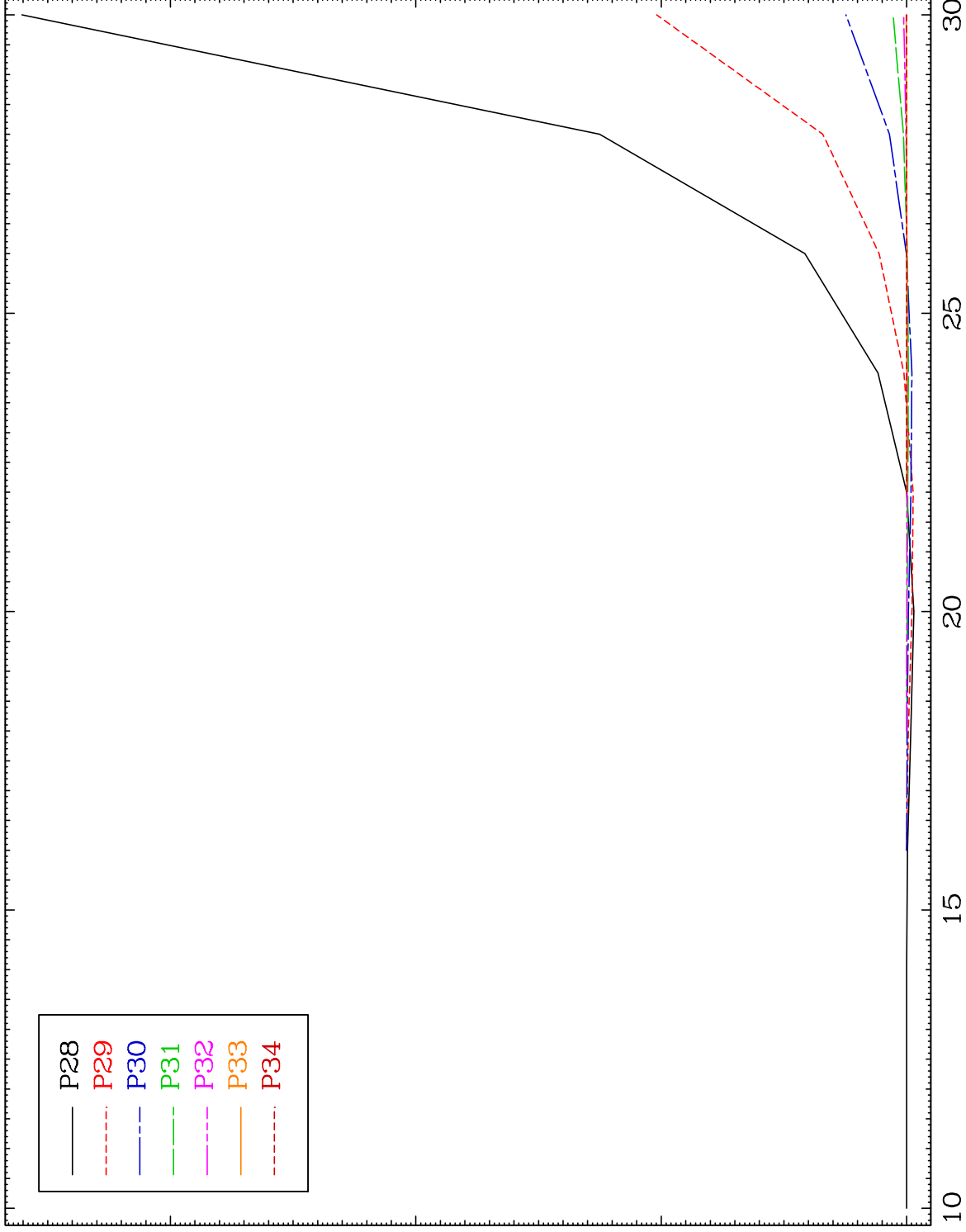
Elastic
Legendre Coefficients

74-W -162



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

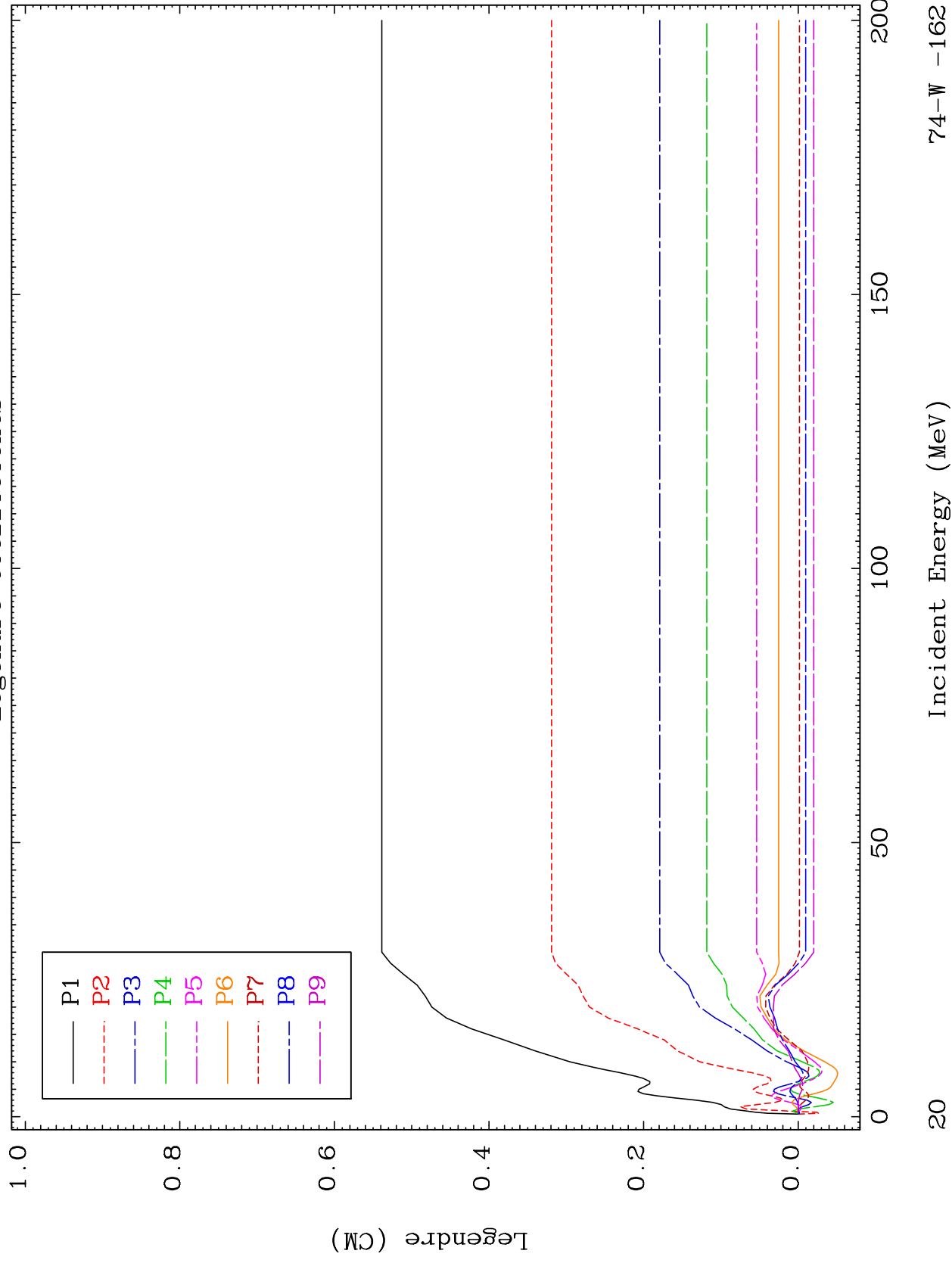
Incident Energy (MeV)

74-W -162

MAT 7371

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

74-W -162



74-W -162

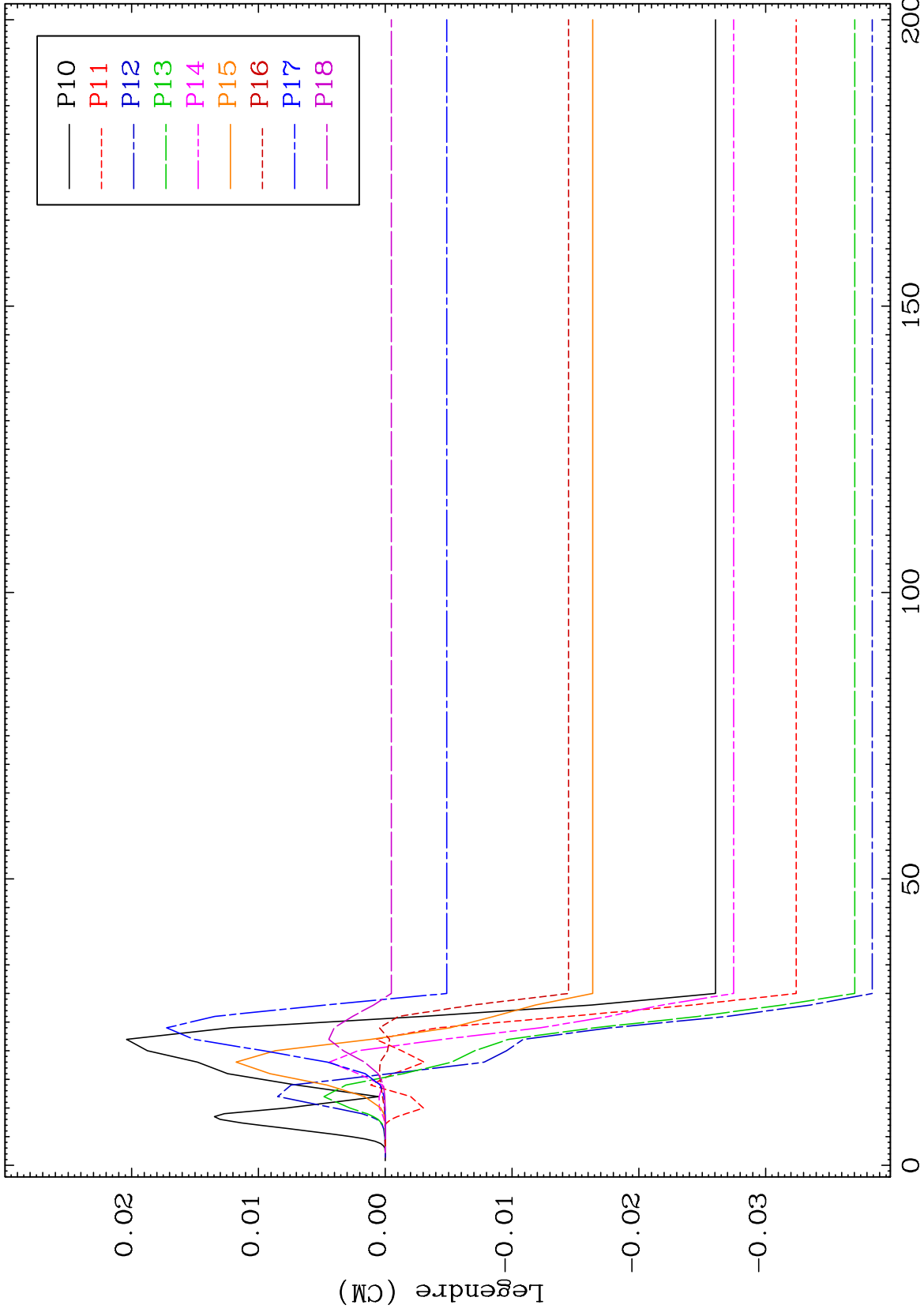
Incident Energy (MeV)

0

MAT 7371

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

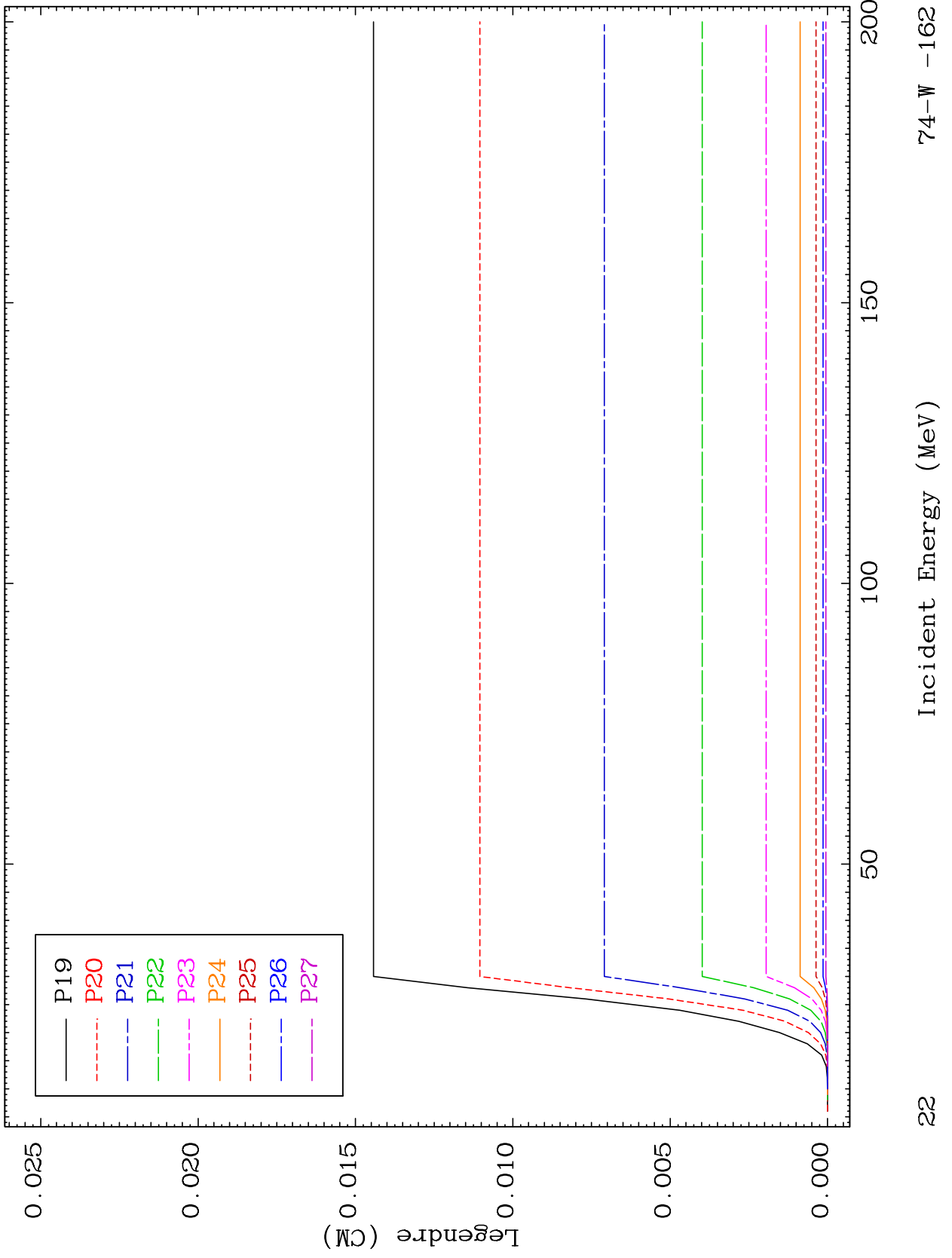
74-W -162

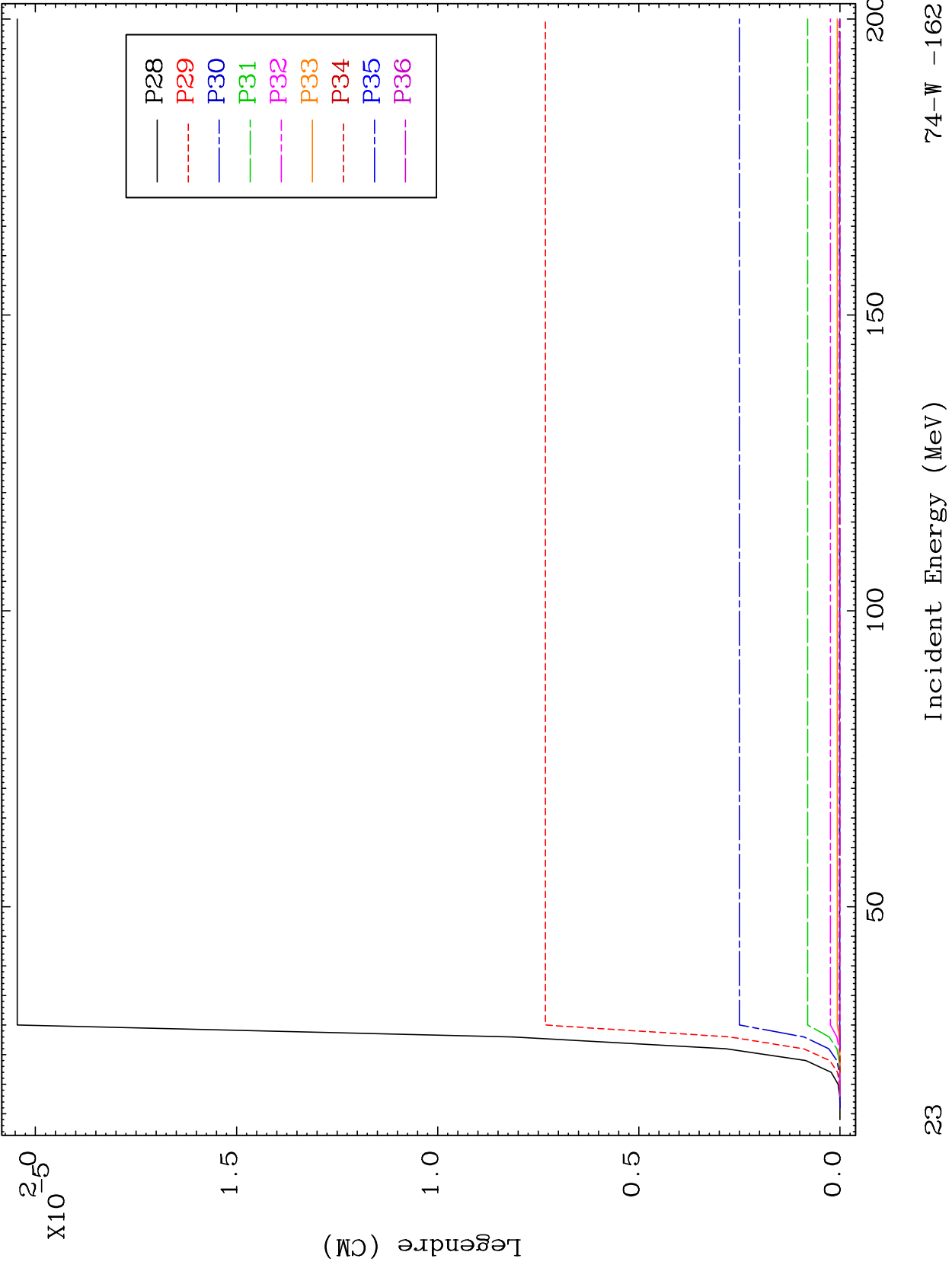


21

Incident Energy (MeV)

74-W -162

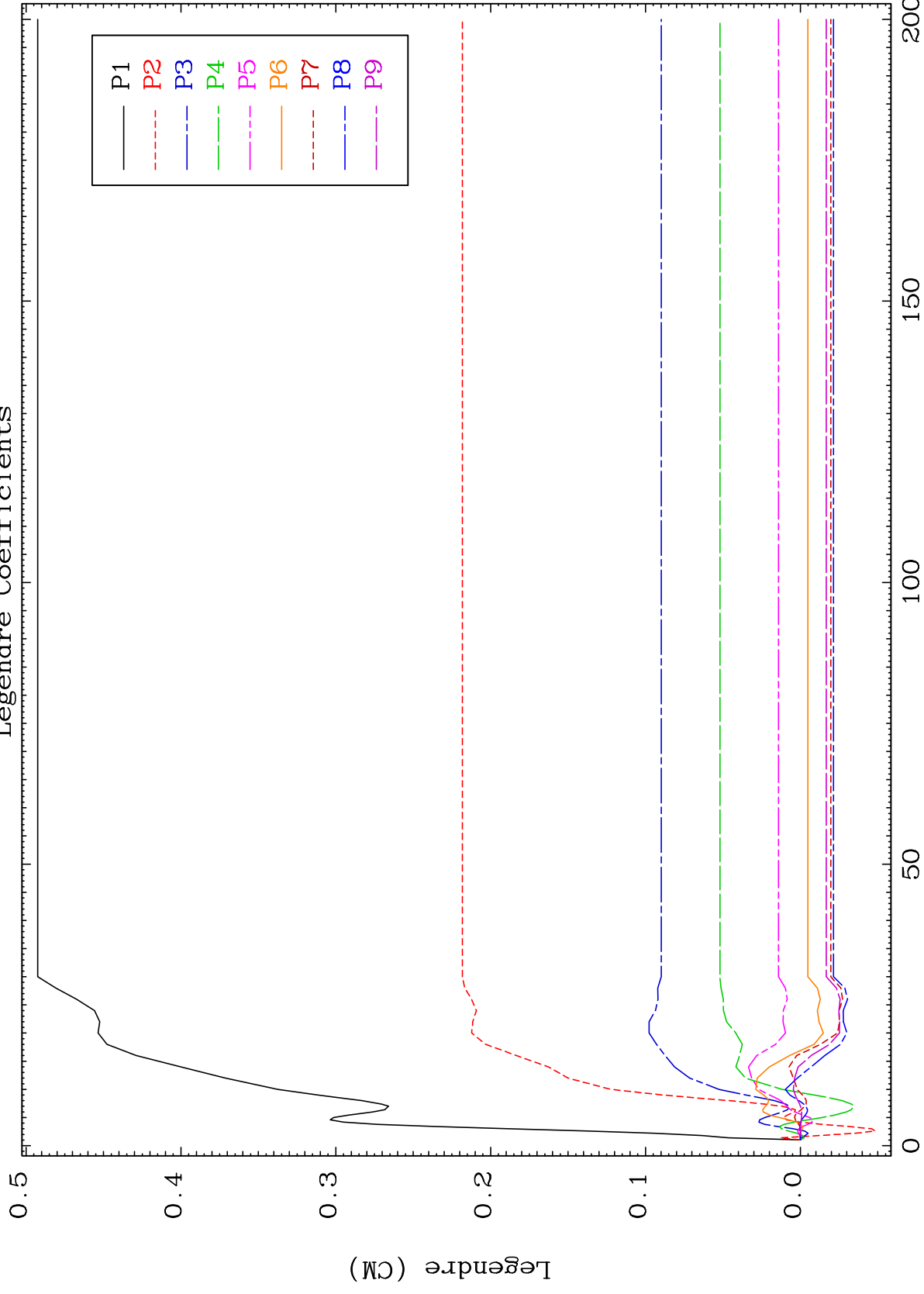




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MT= 52 (n,n') Level
Legendre Coefficients

74-W -162



24

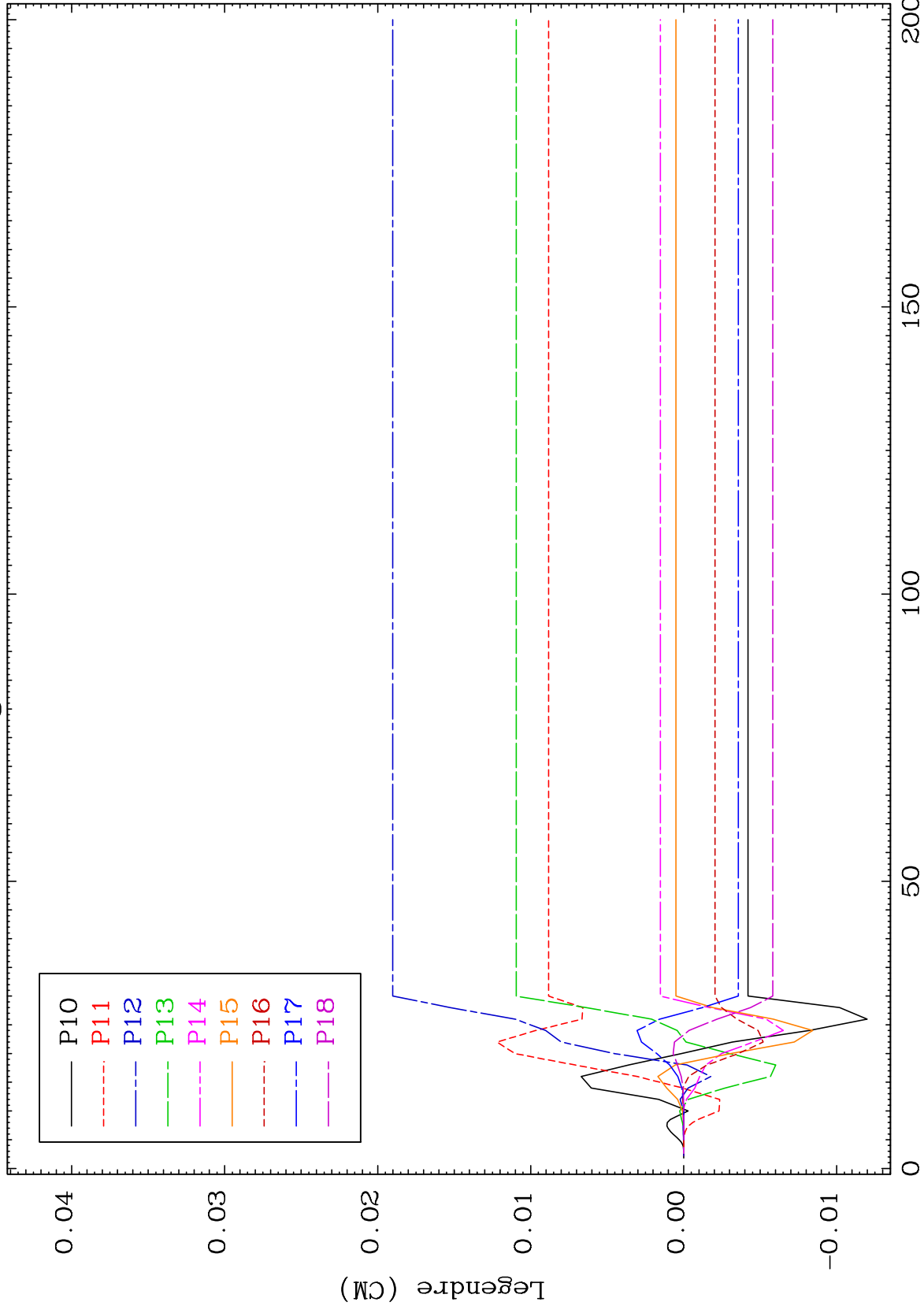
Incident Energy (MeV)

74-W -162

MAT 7371

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

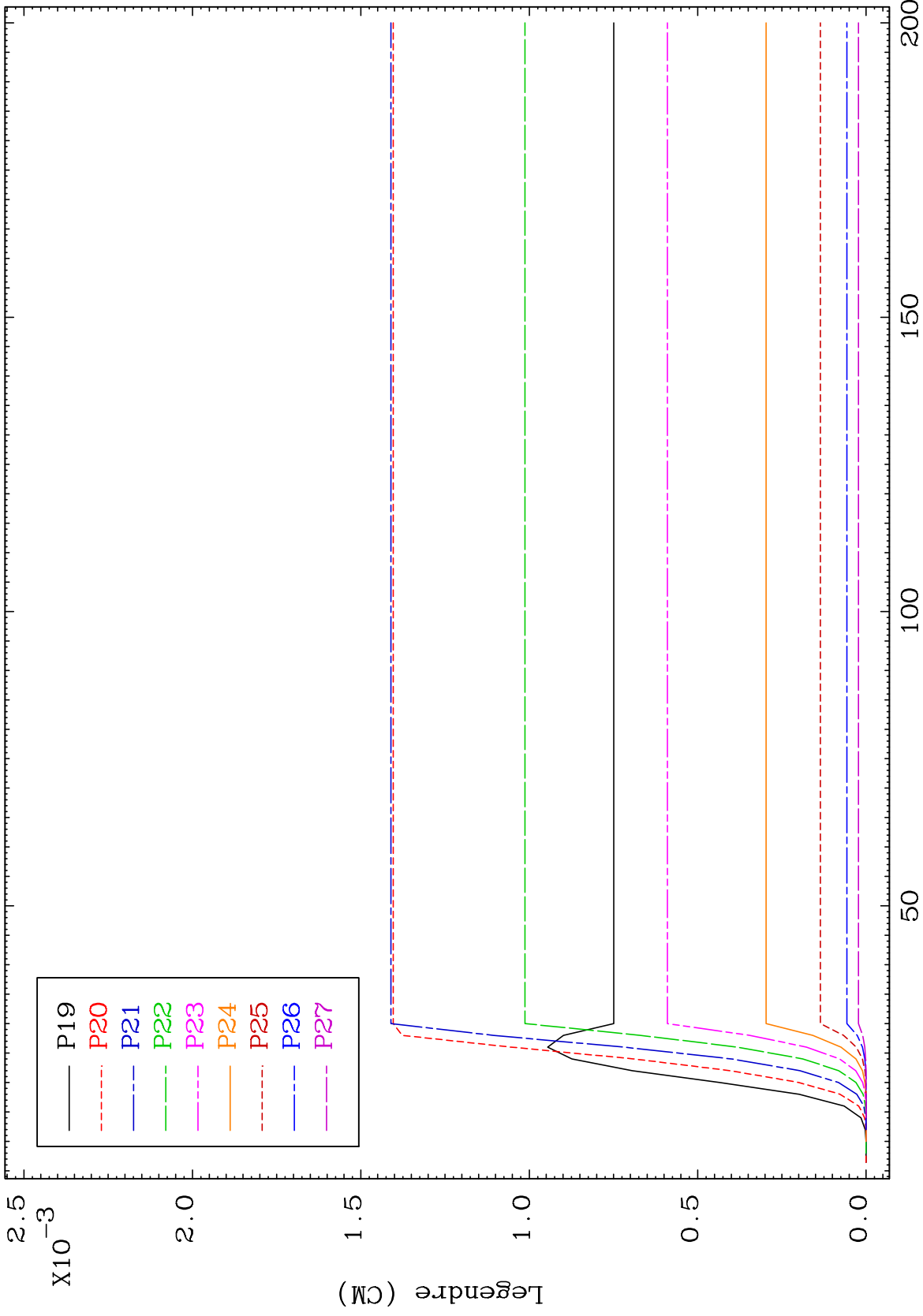
74-W -162



Incident Energy (MeV)

74-W -162

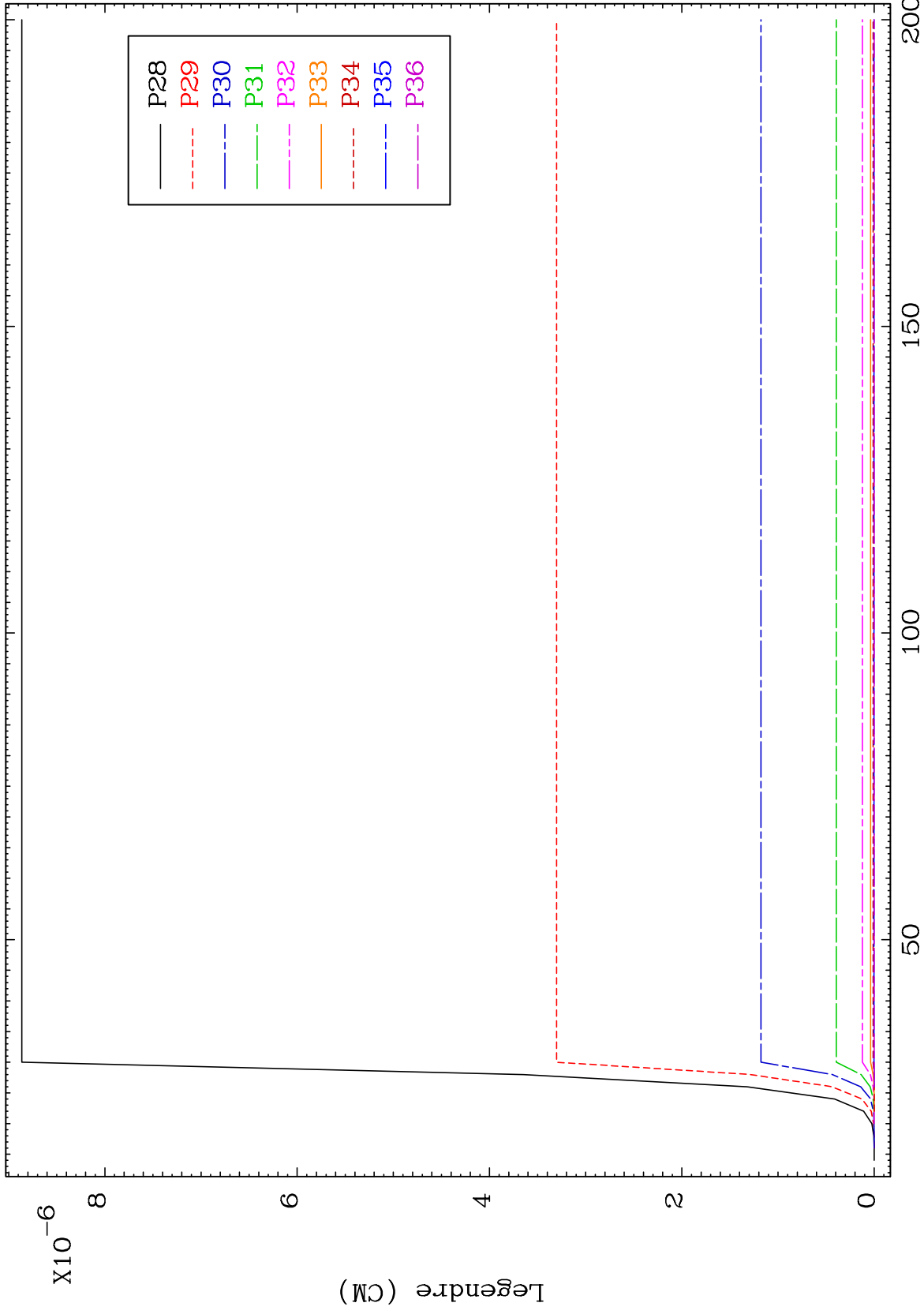
25



MAT 7371

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

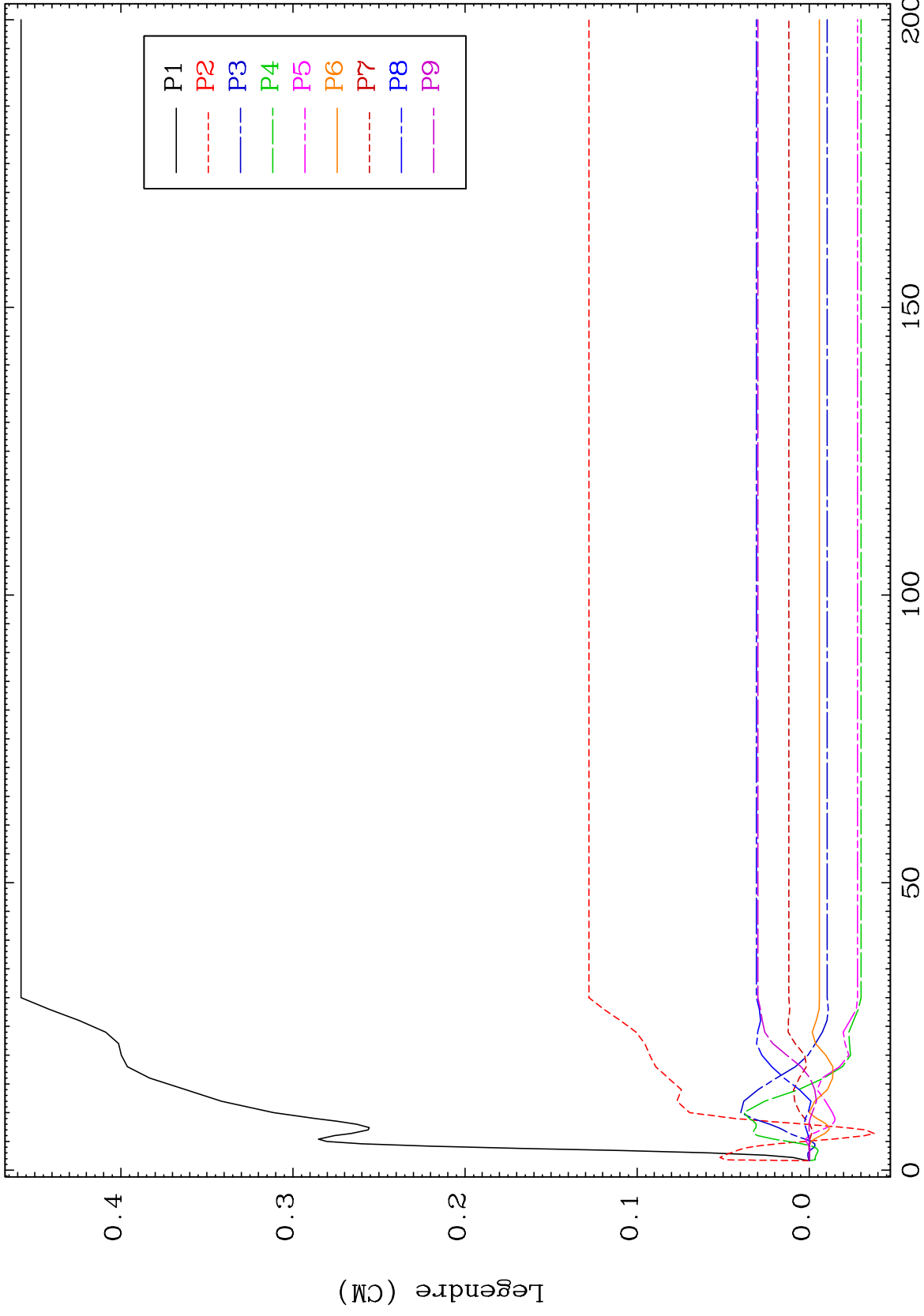
74-W -162



27

Incident Energy (MeV)

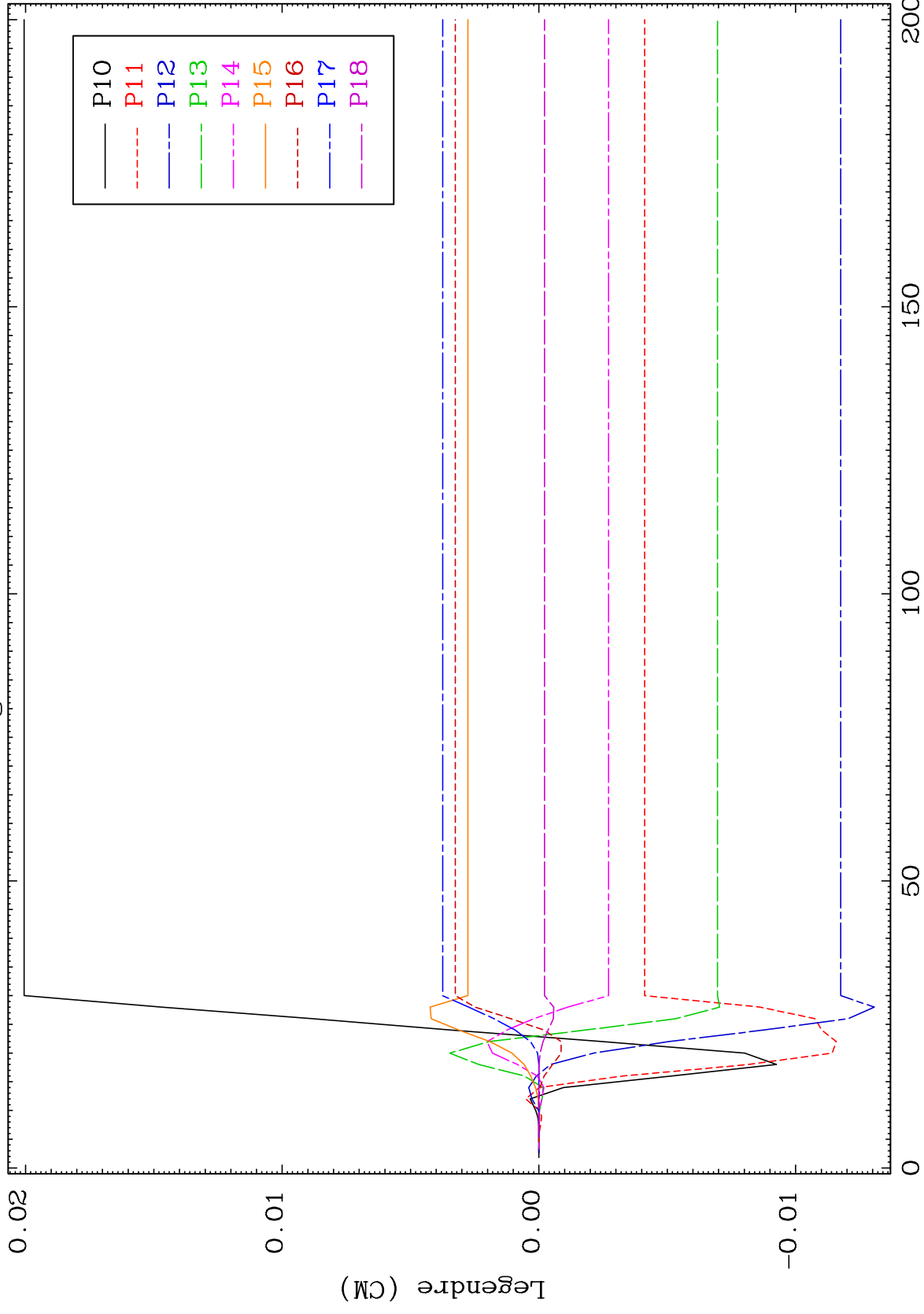
74-W -162



MAT 7371

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

74-W -162



29

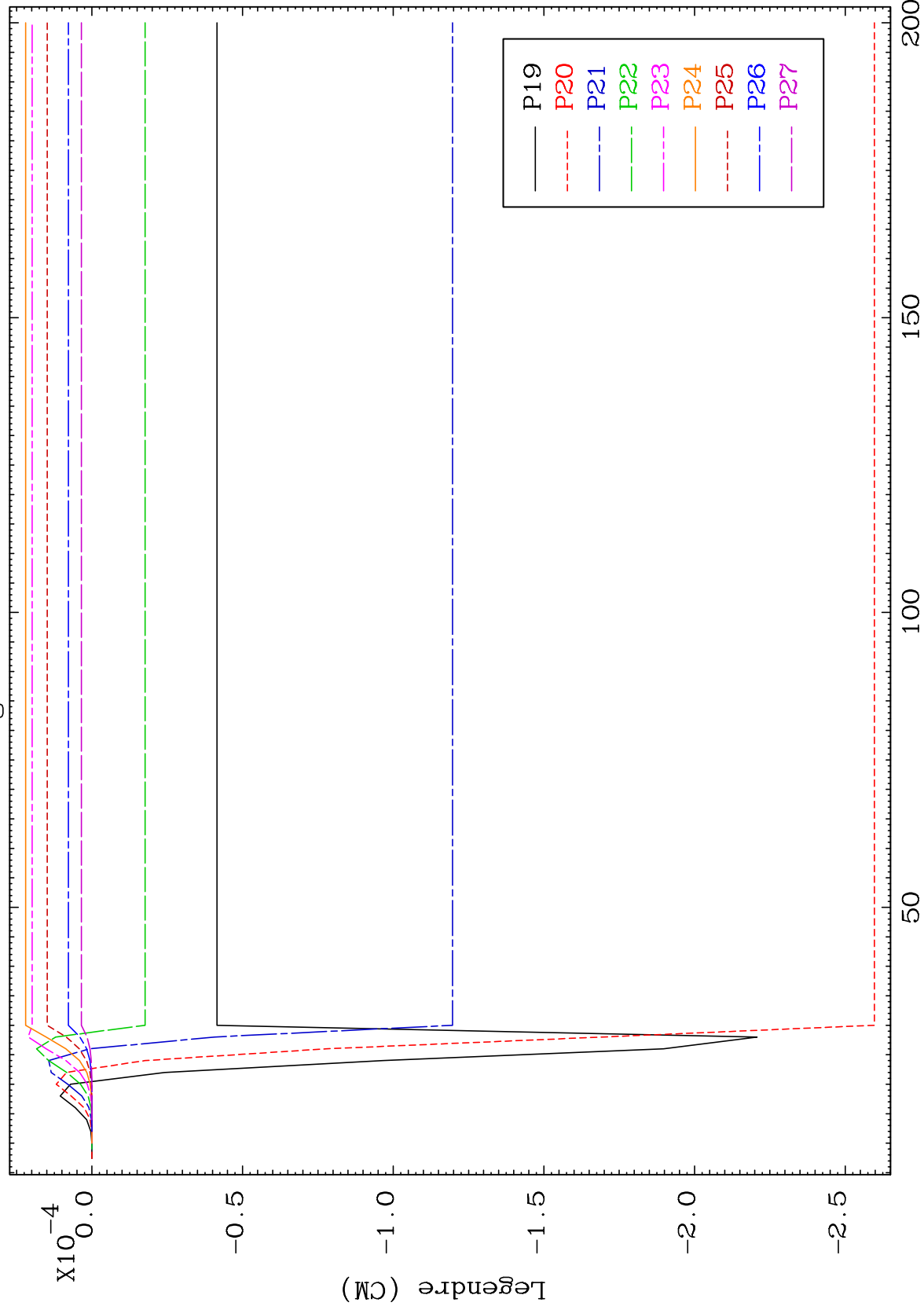
Incident Energy (MeV)

74-W -162

MAT 7371

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

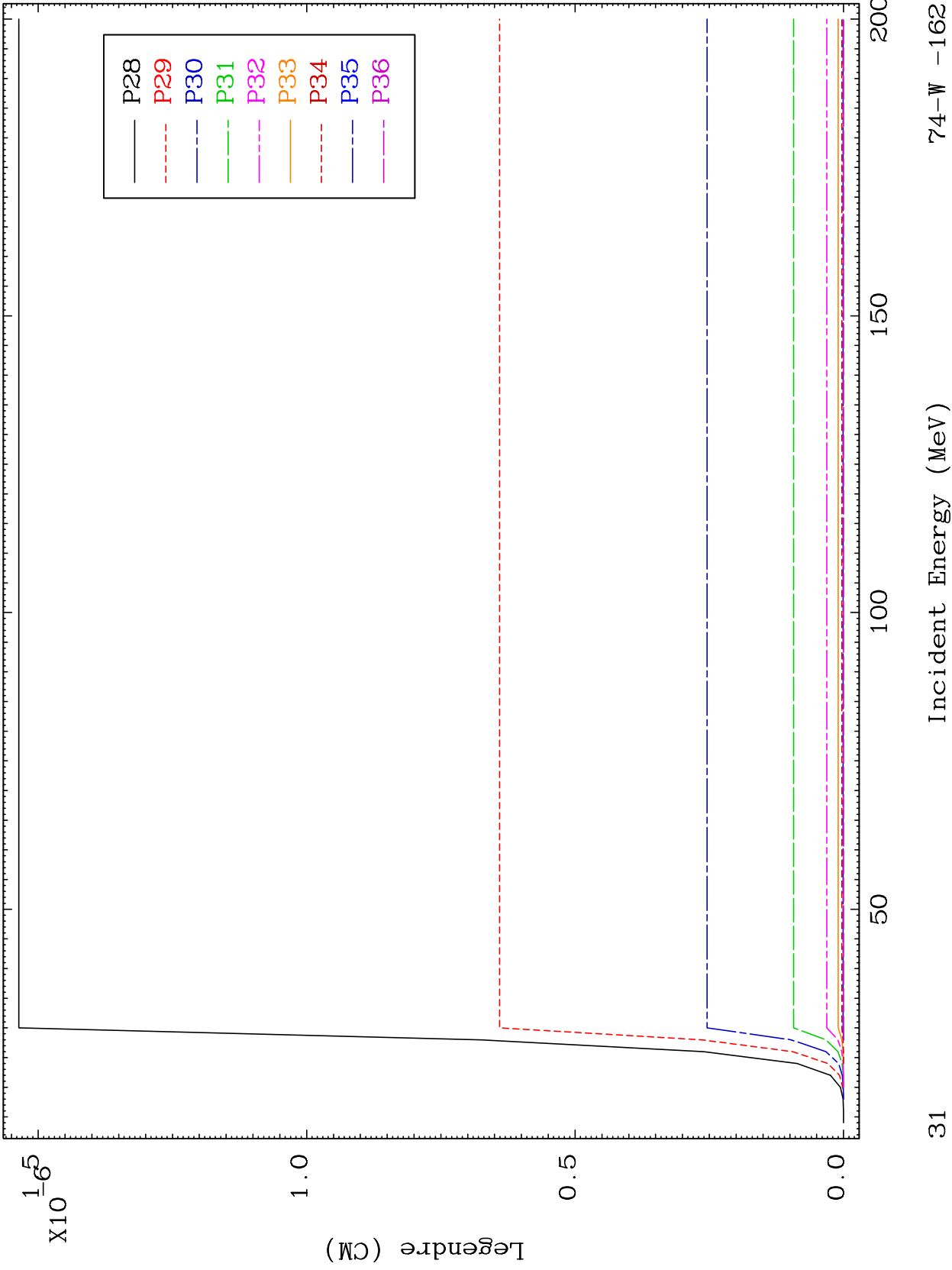
74-W -162



74-W -162

Incident Energy (MeV)

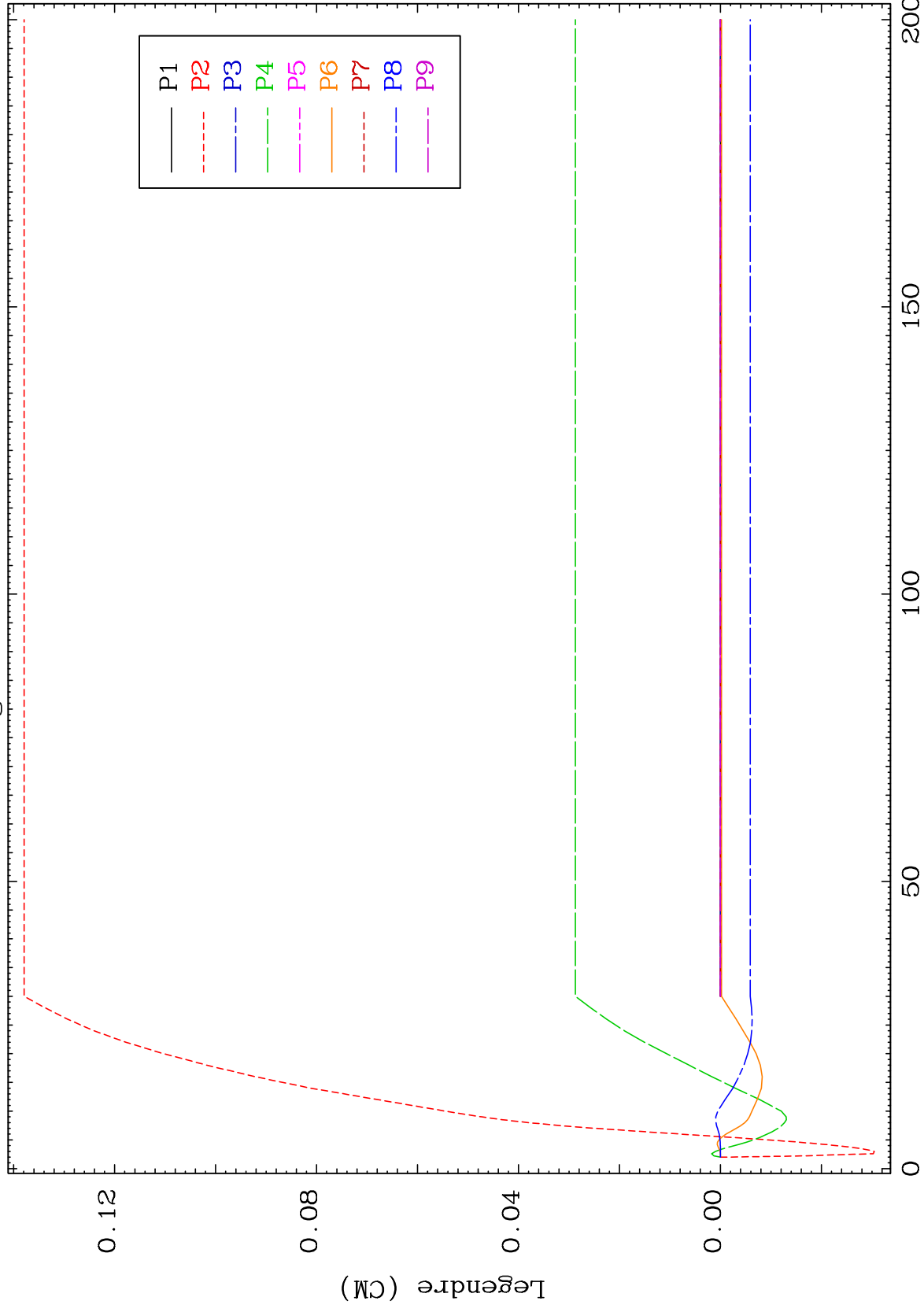
30



MAT 7371

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

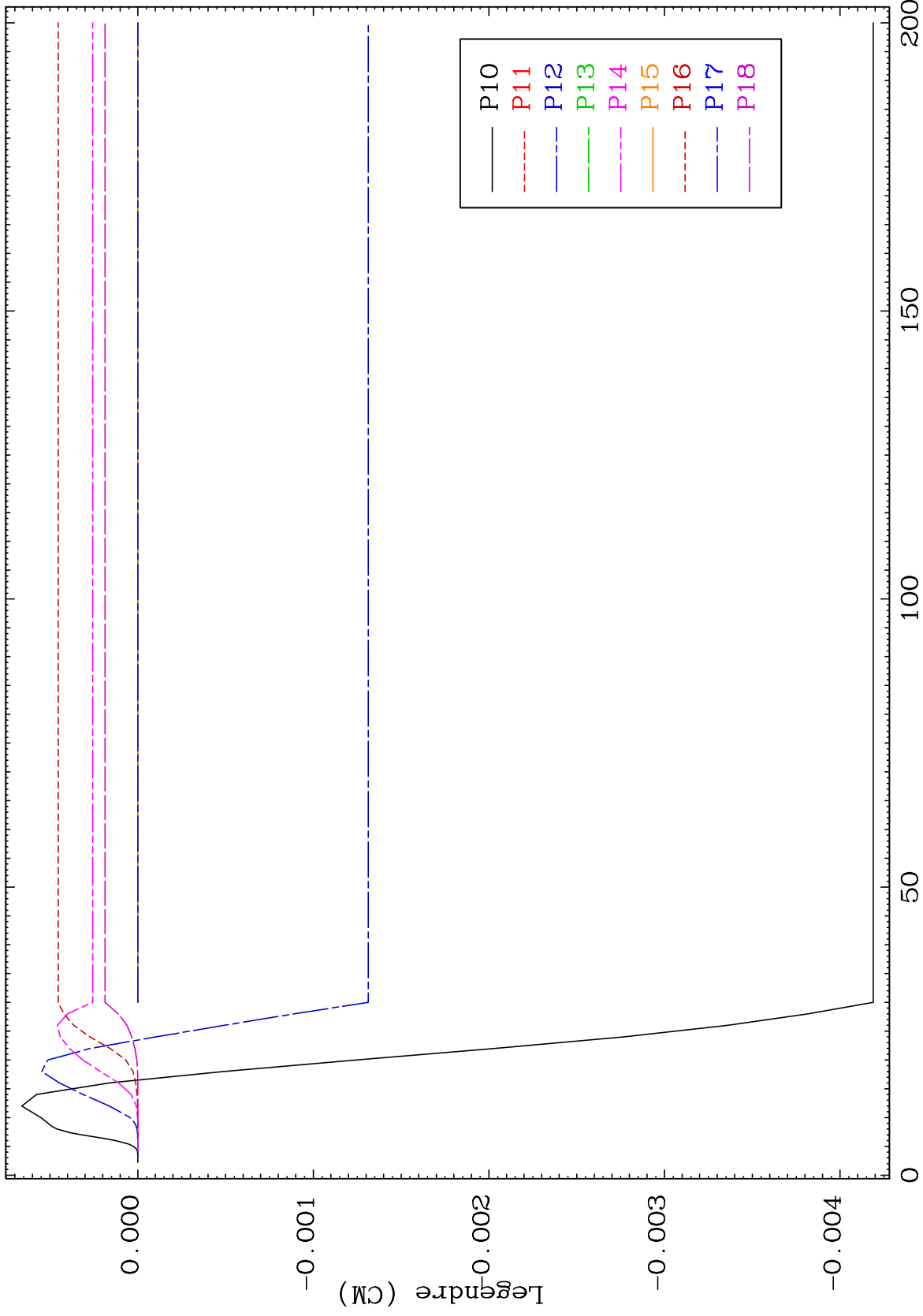
74-W -162



74-W -162

Incident Energy (MeV)

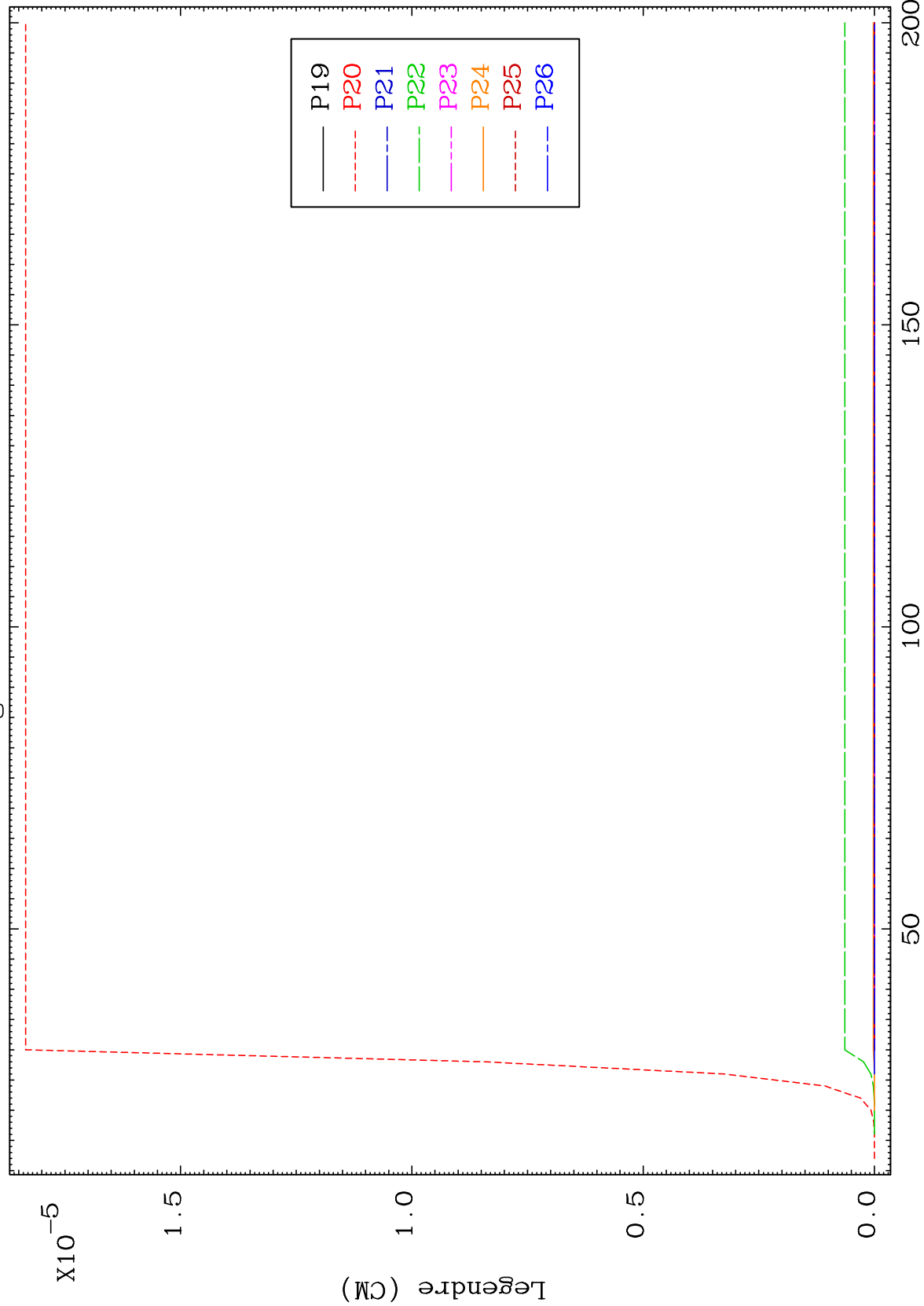
32



MAT 7371

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

74-W -162

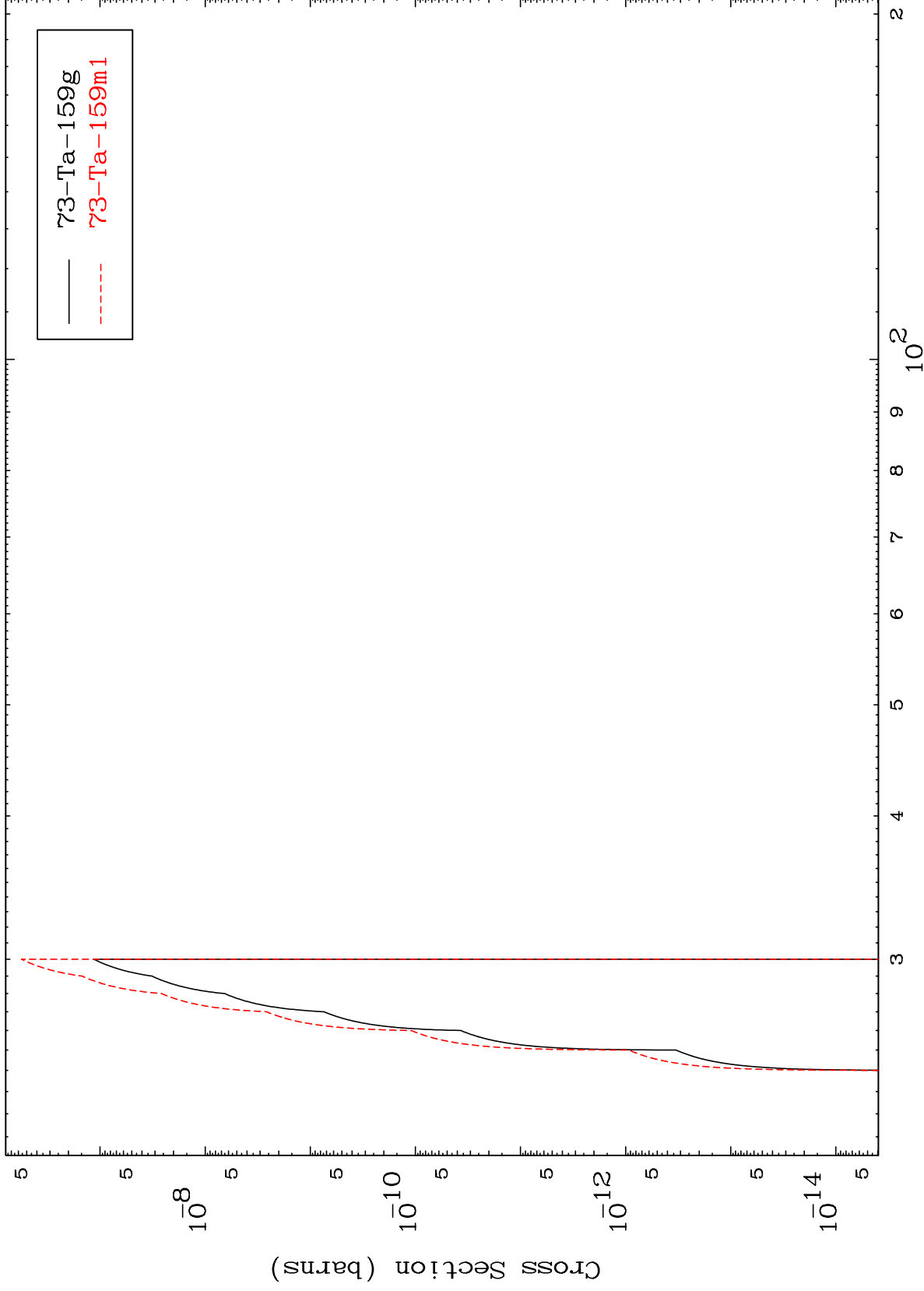


74-W -162

Incident Energy (MeV)

34

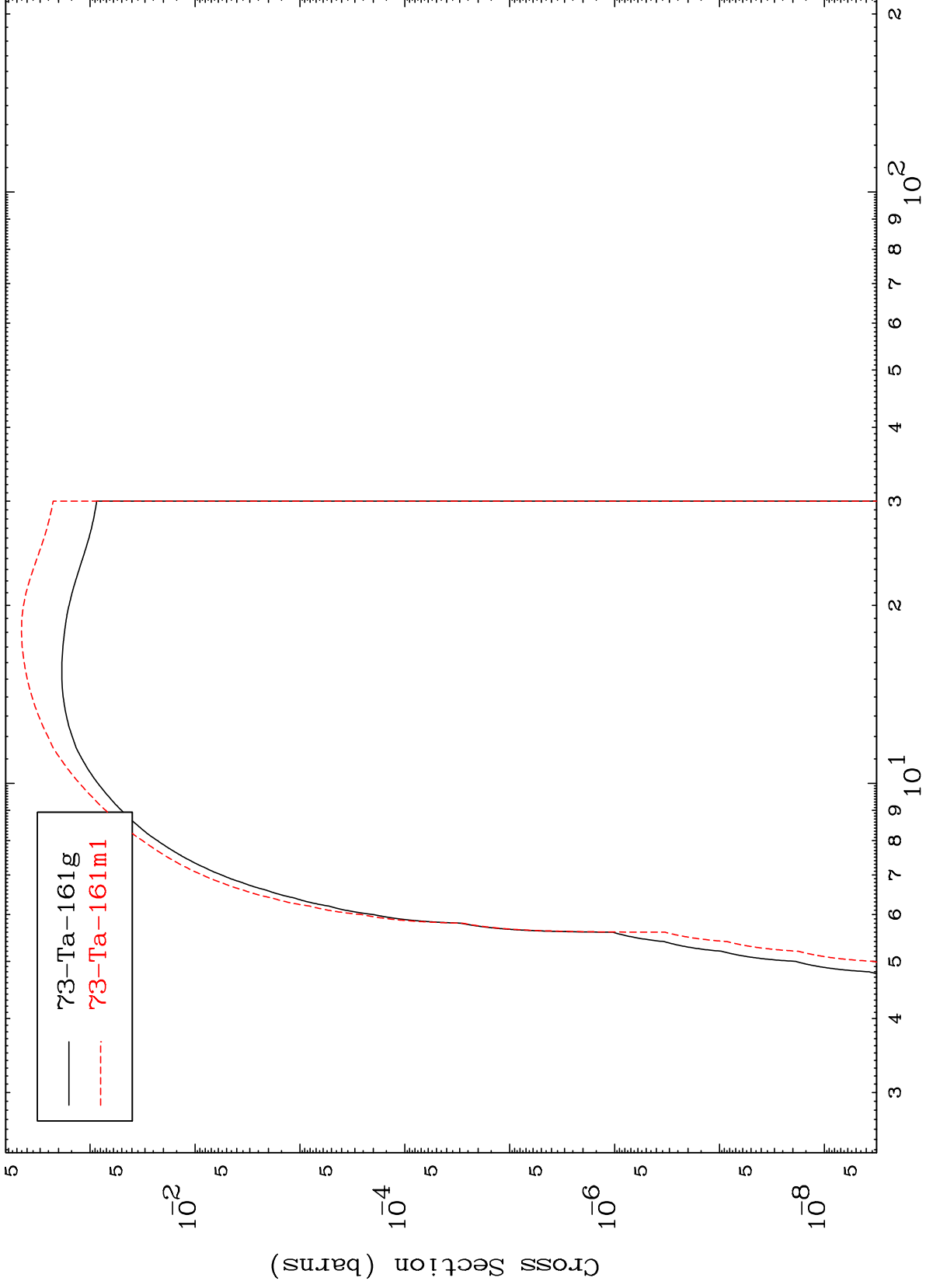
Radionuclide Production Cross Section



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74-W -162

Radionuclide Production Cross Section

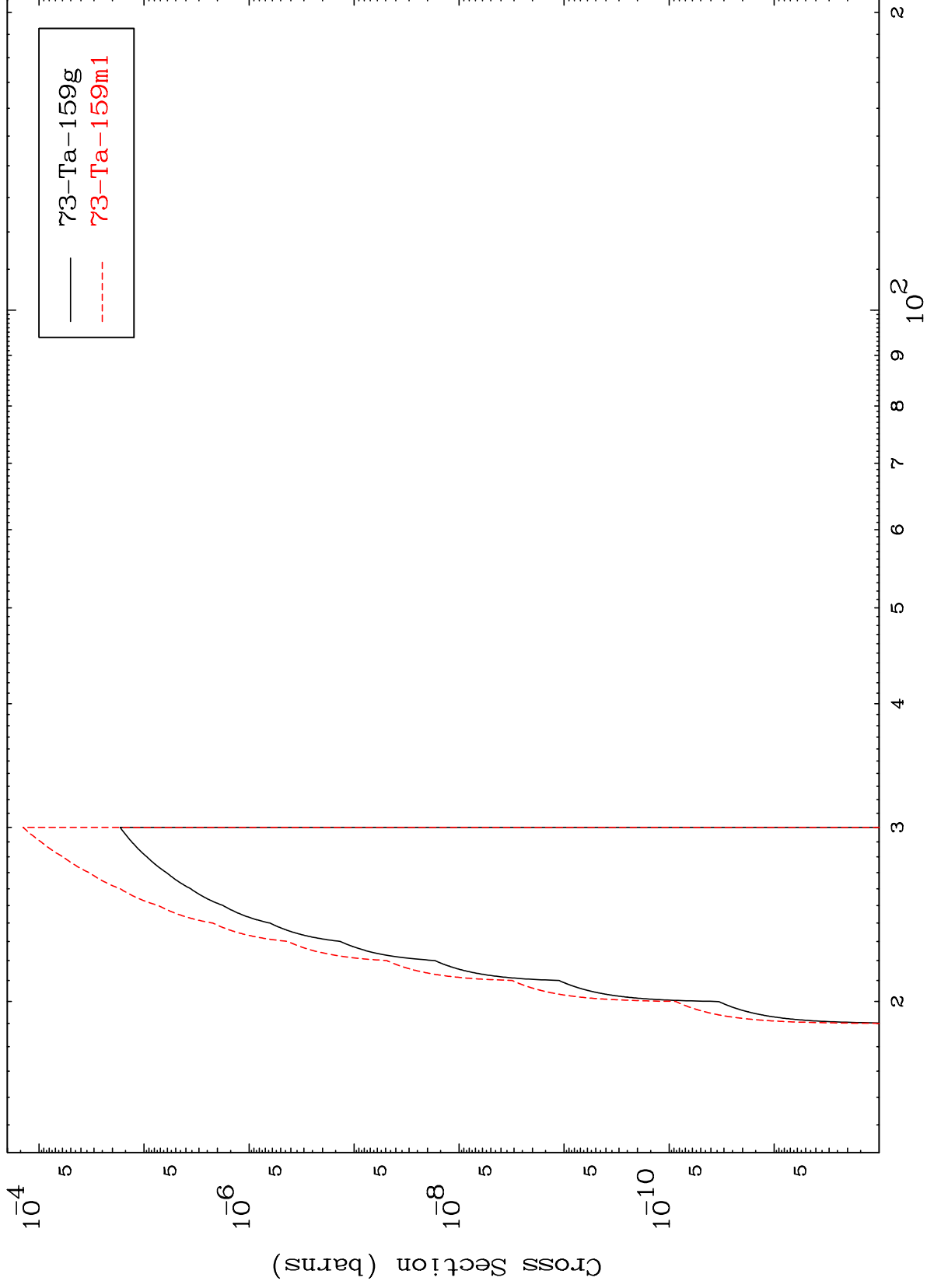


Incident Energy (MeV)

74-W -162

36

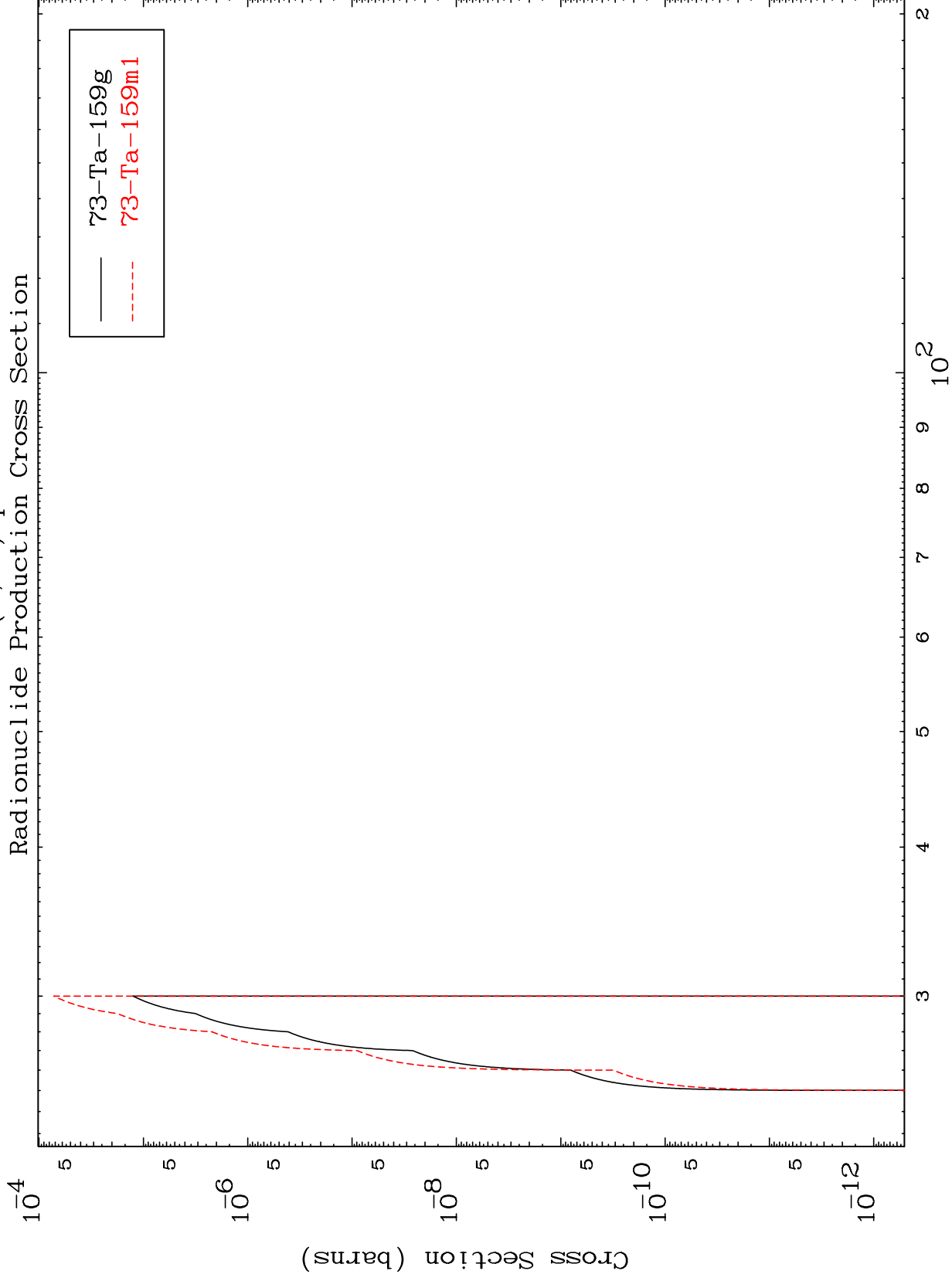
Radionuclide Production Cross Section



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(n,3n) p
Radionuclide Production Cross Section



74-W -162

Incident Energy (MeV)

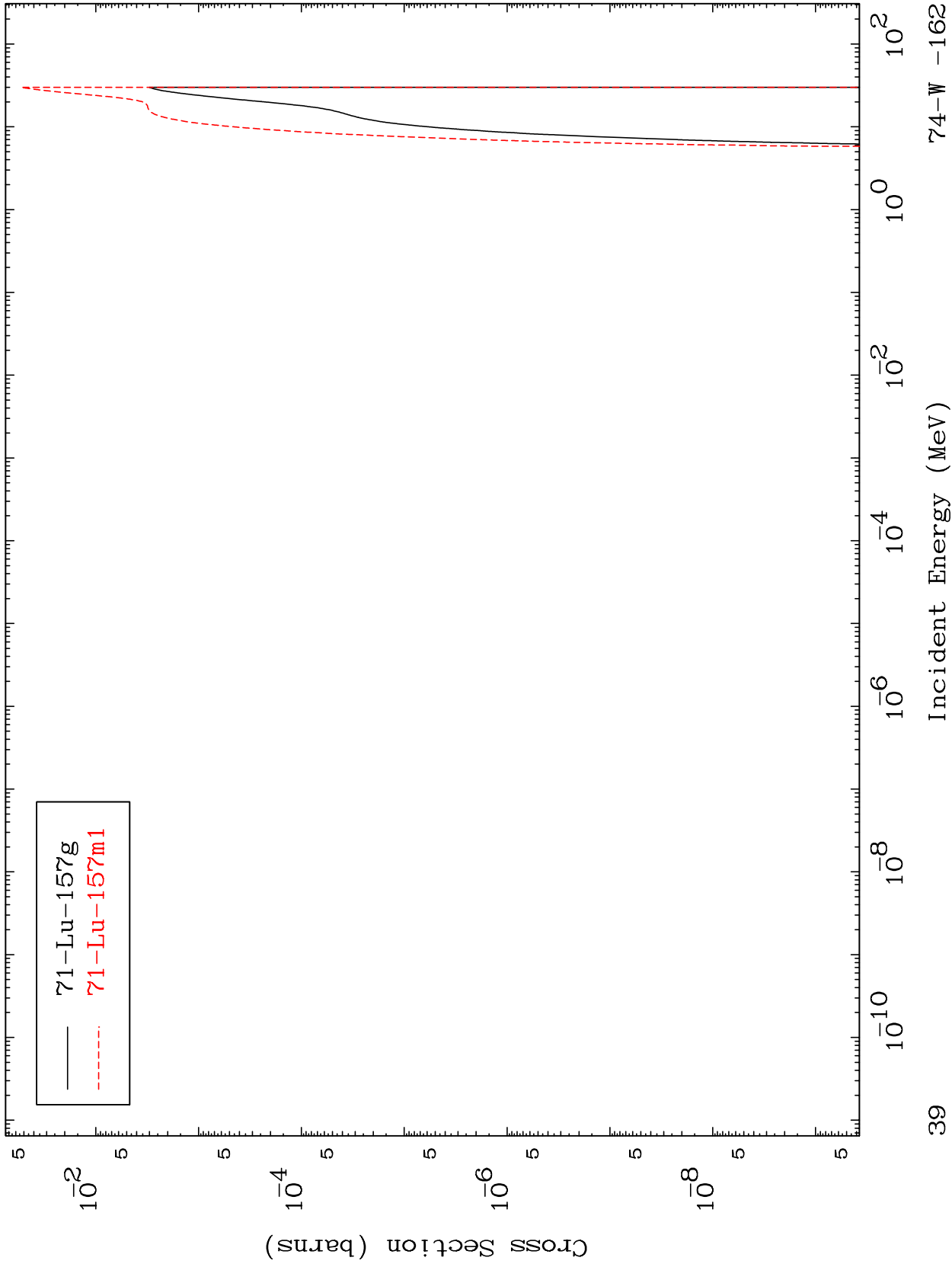
38

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(n,n') p α

74-W -162

Radionuclide Production Cross Section

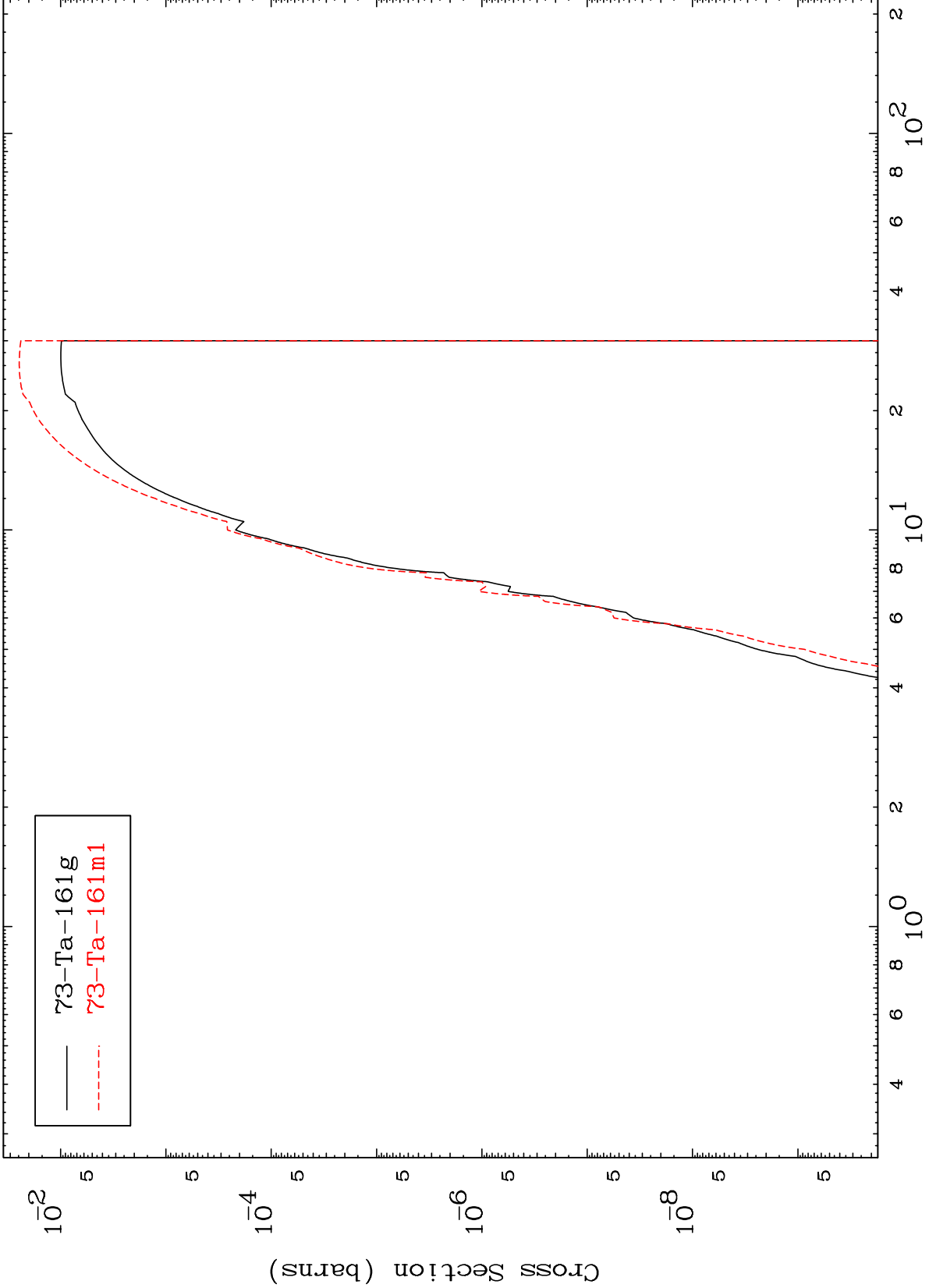
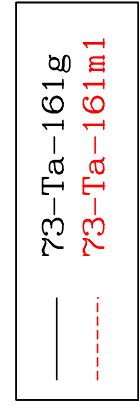


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(n,d)

74-W -162

Radionuclide Production Cross Section



40

Incident Energy (MeV)

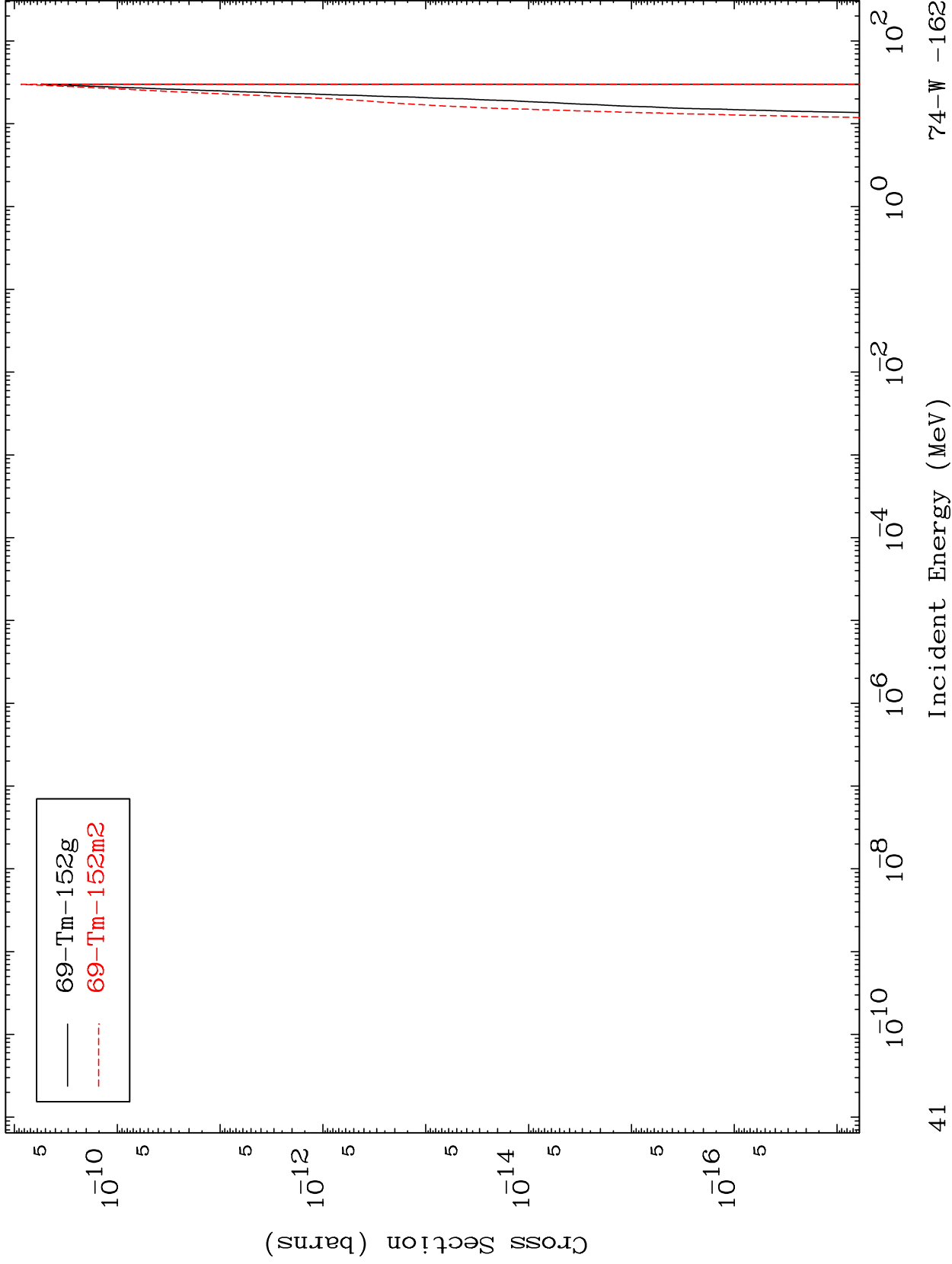
74-W -162

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(n,t) 2 α

74-W -162

Radionuclide Production Cross Section

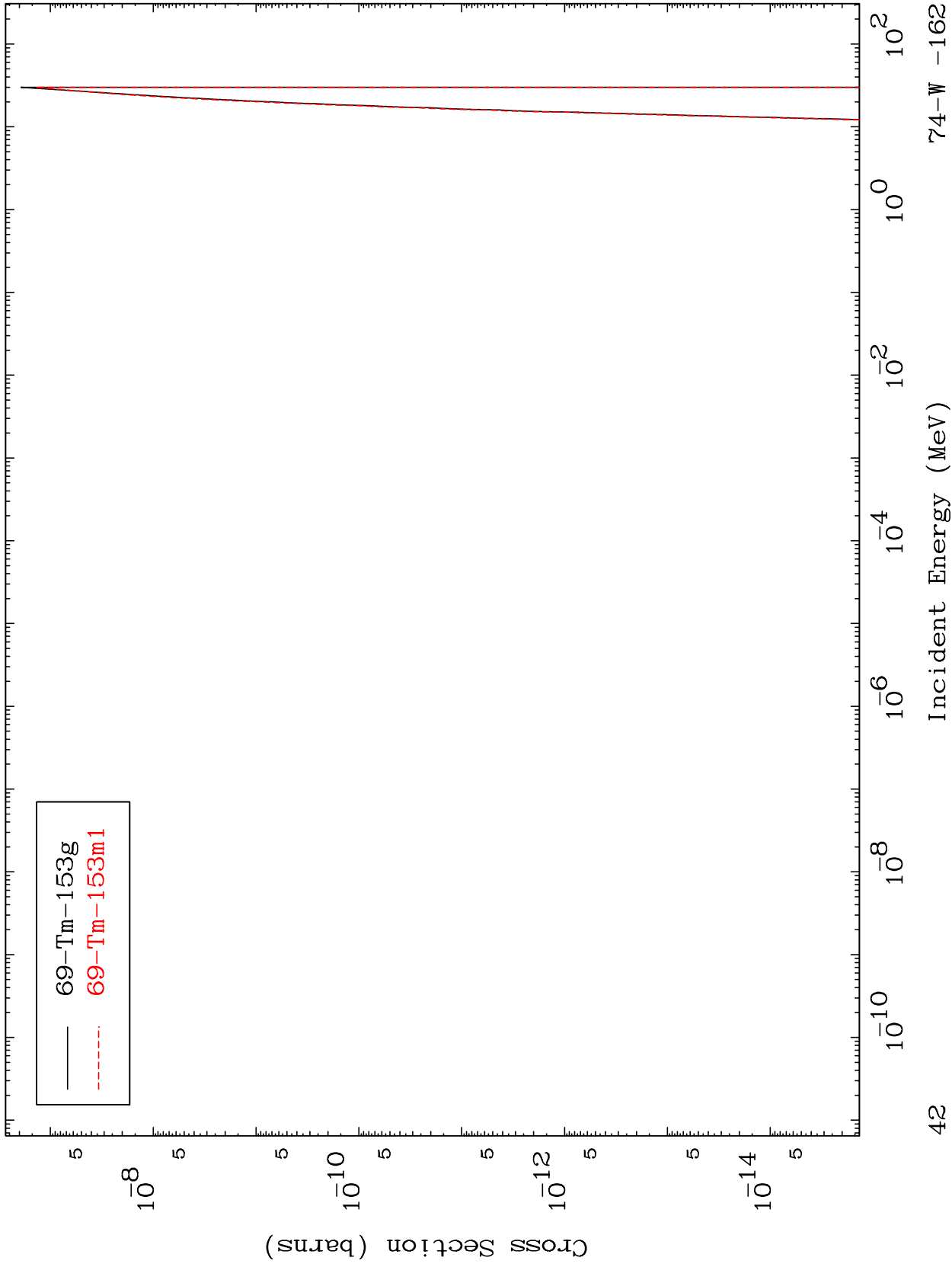


MAT 7371

(n,d) 2 α

74-W -162

Radionuclide Production Cross Section

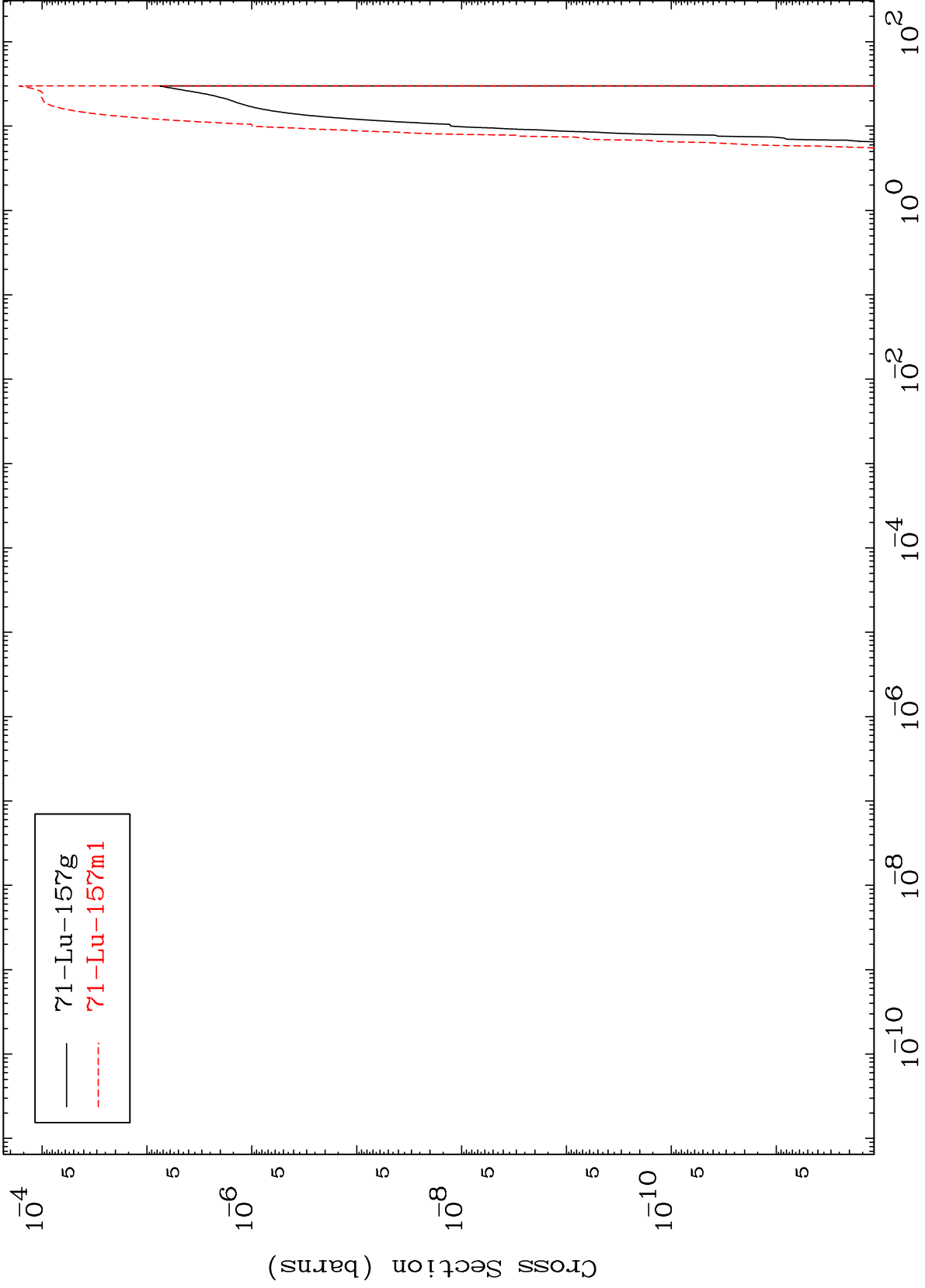


MAT 7371

(n,d) α

74-W -162

Radionuclide Production Cross Section



— $^{71}\text{Lu-157g}$
- - - $^{71}\text{Lu-157m1}$