

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

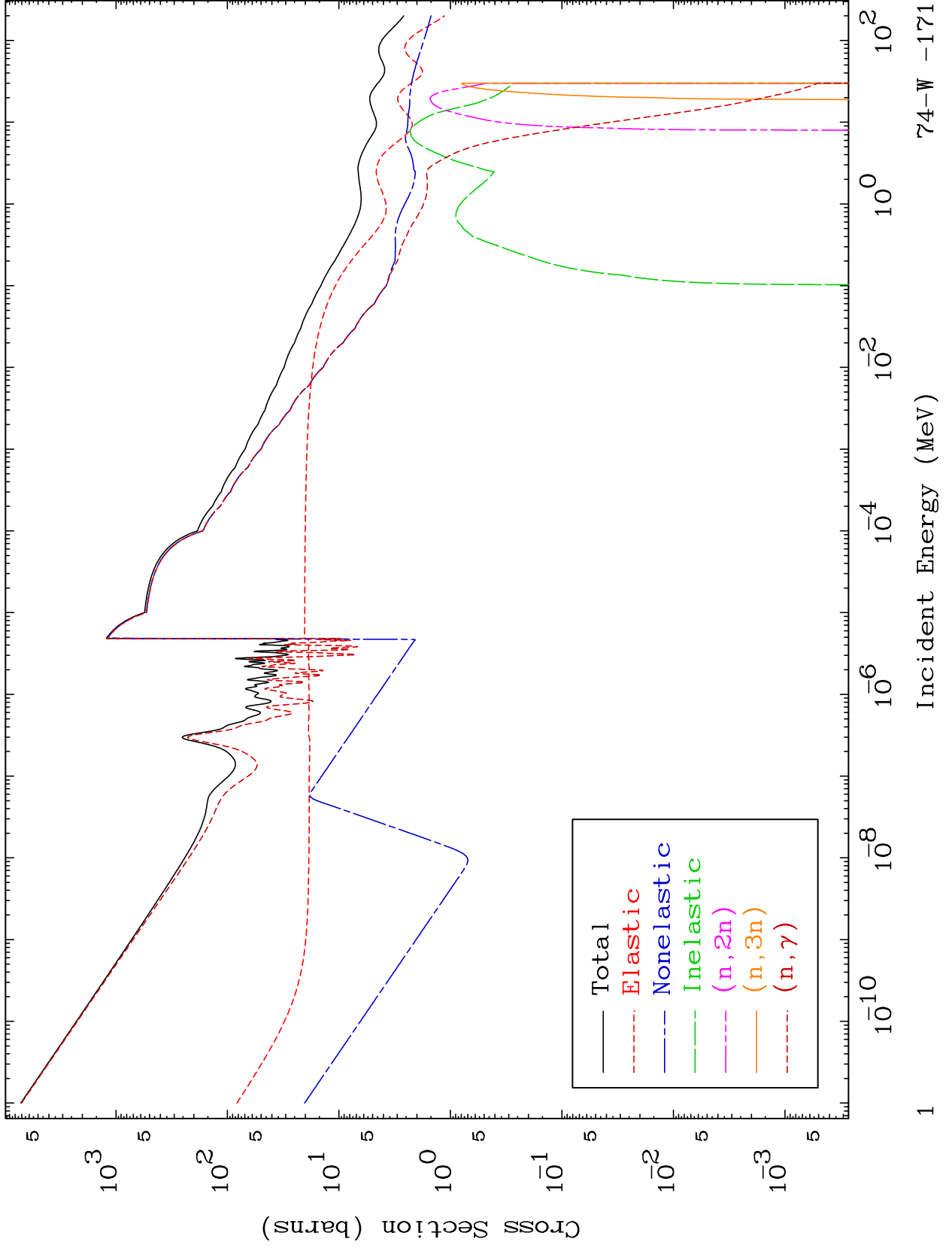
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

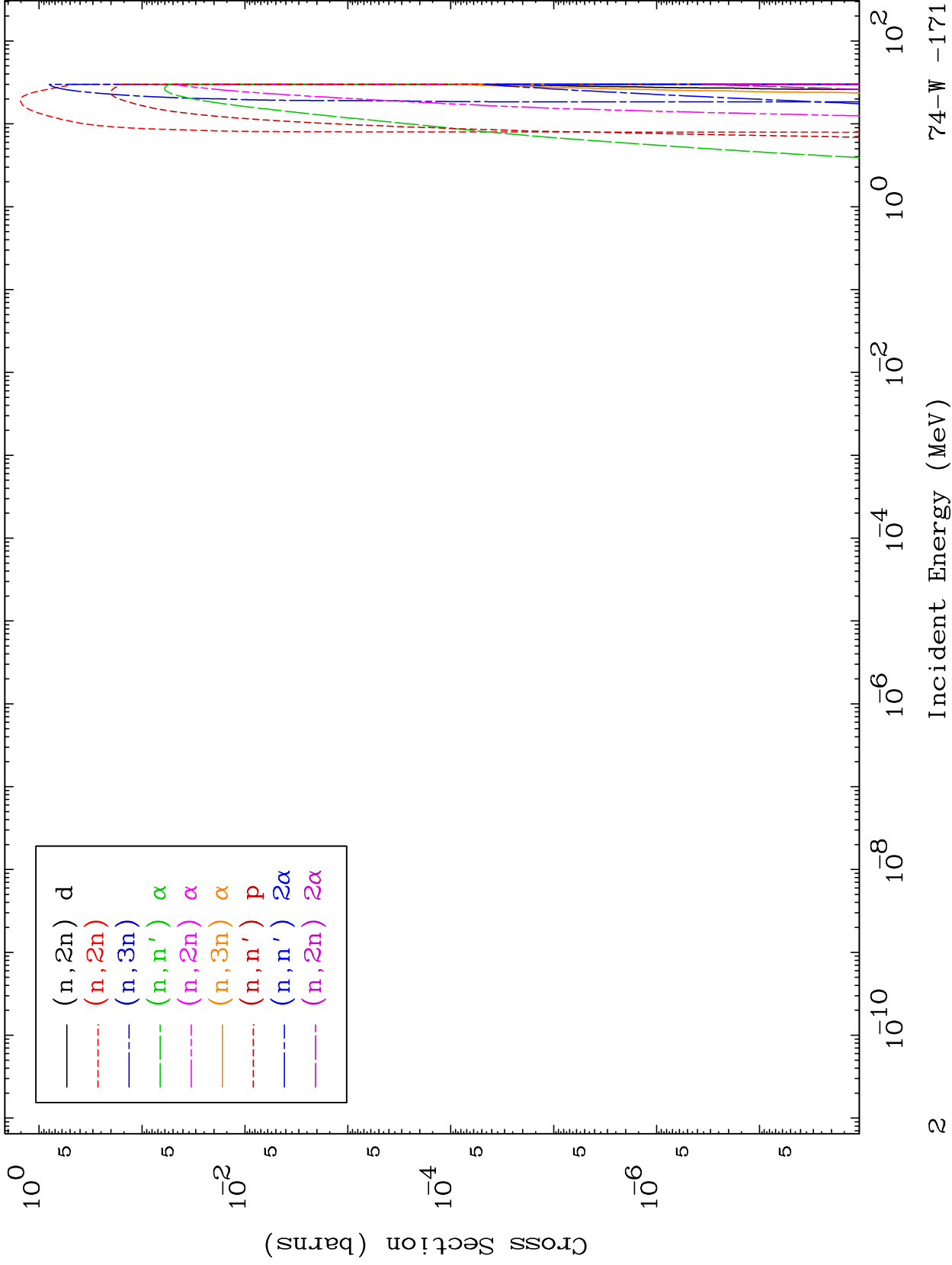
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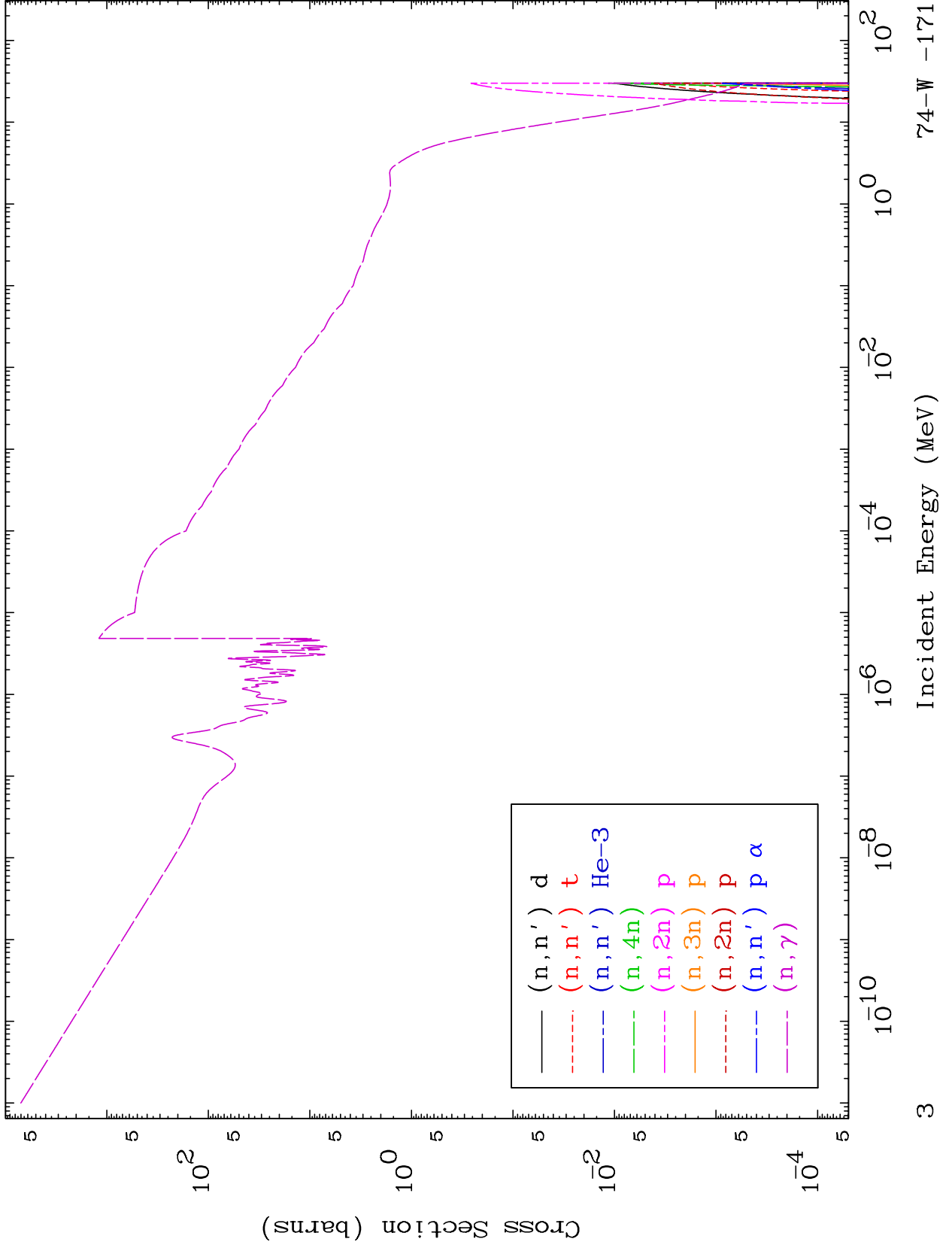
MAT 7398

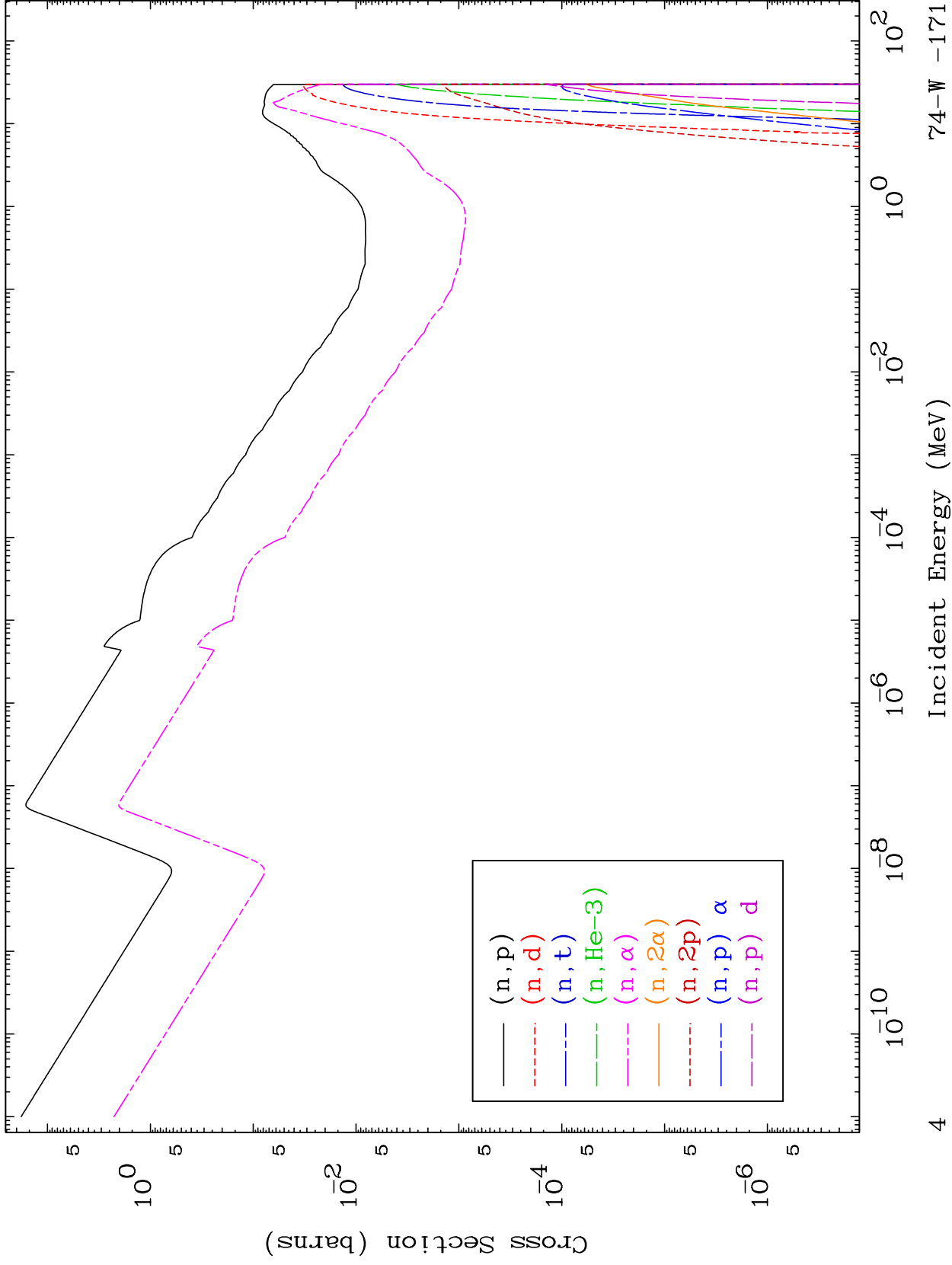
Neutron Absorption
293 Kelvin Cross Sections

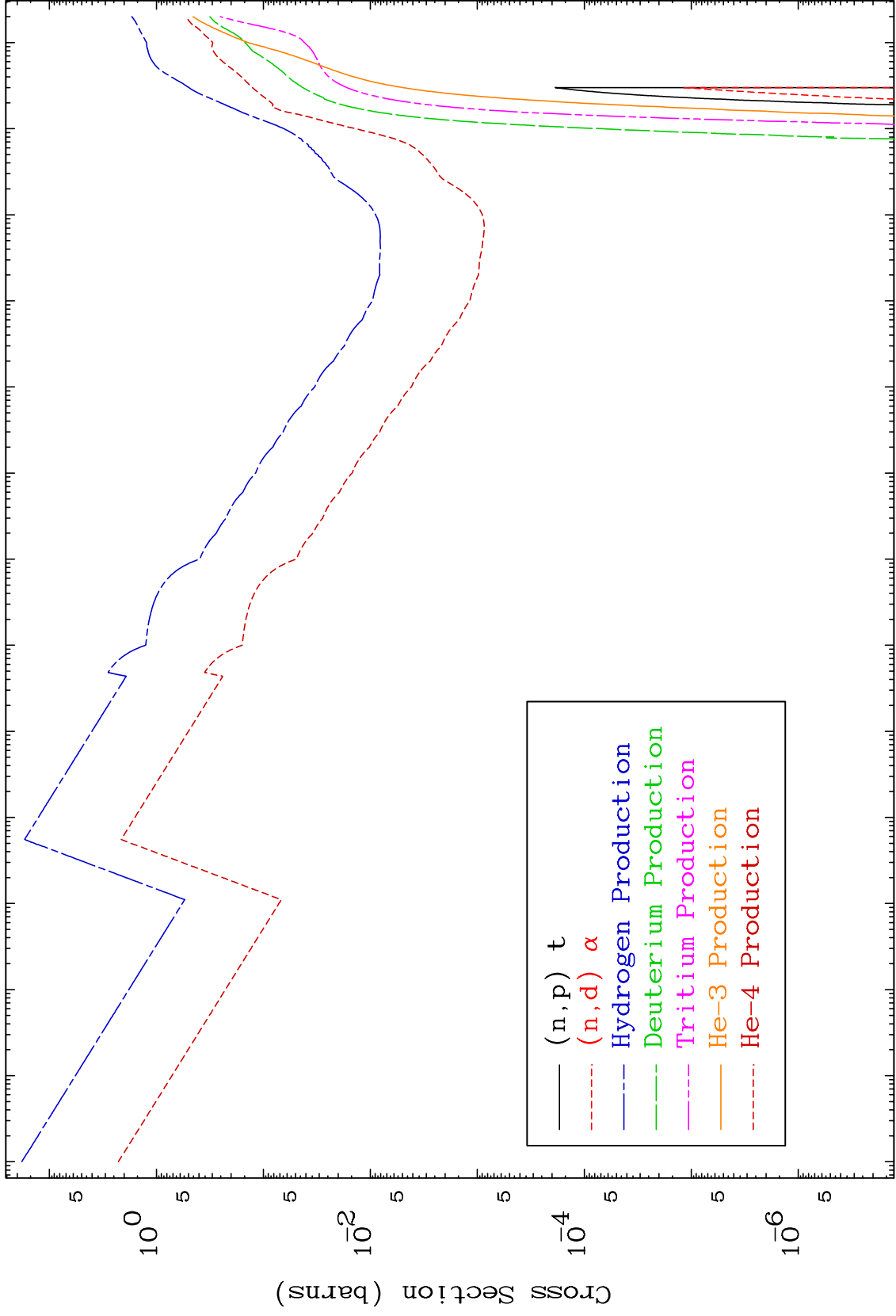
74-W -171

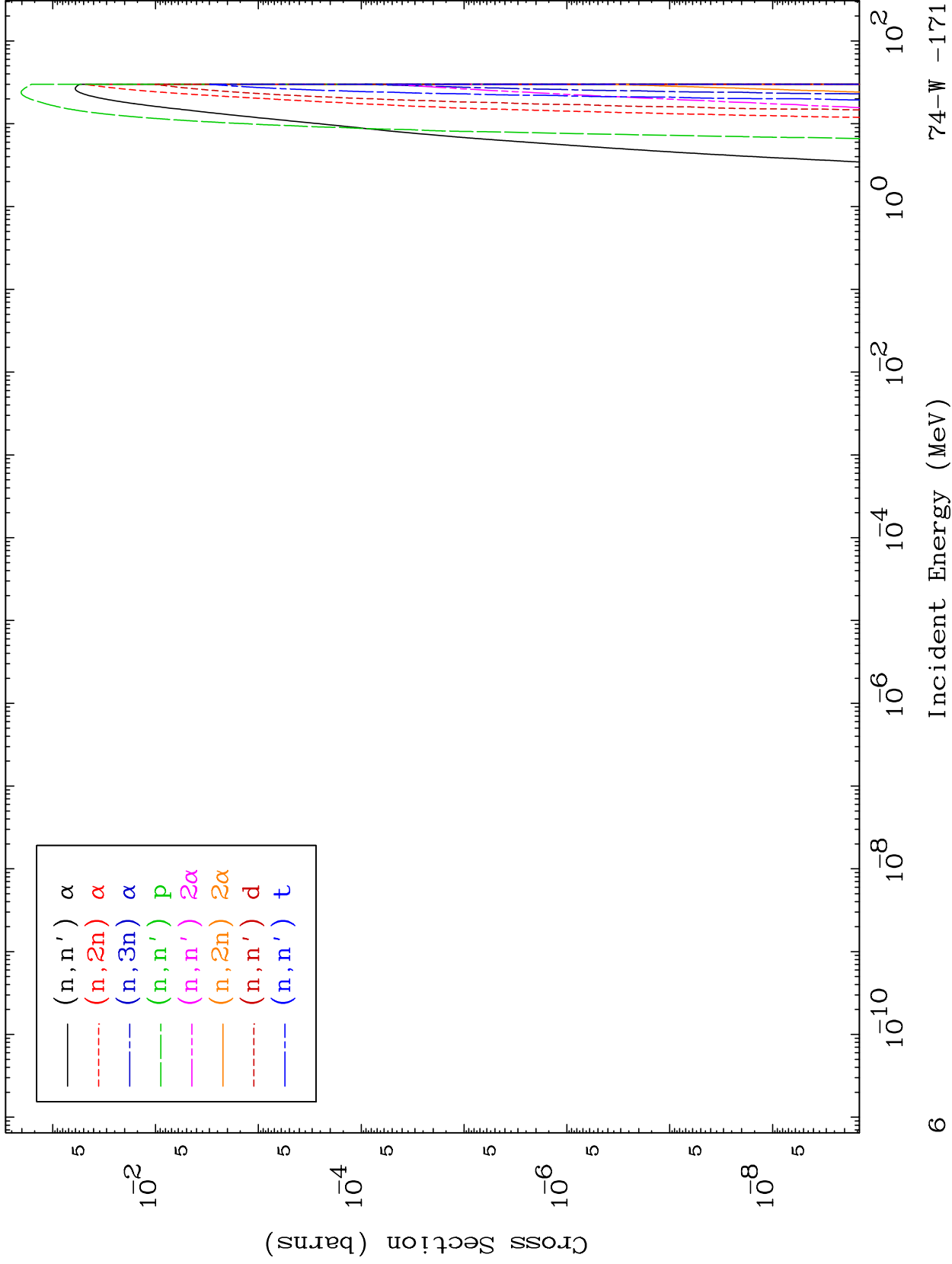


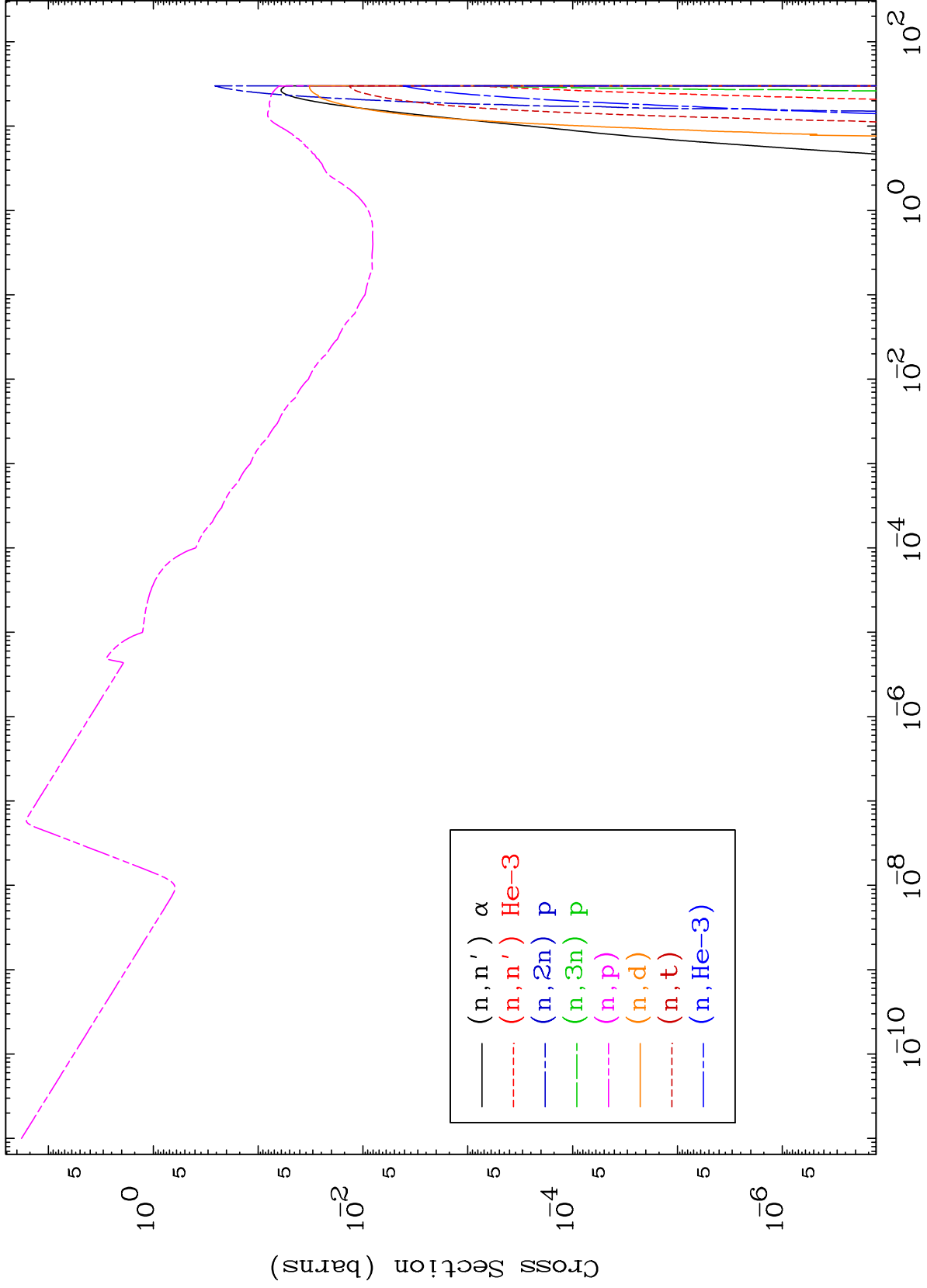
74-W -171

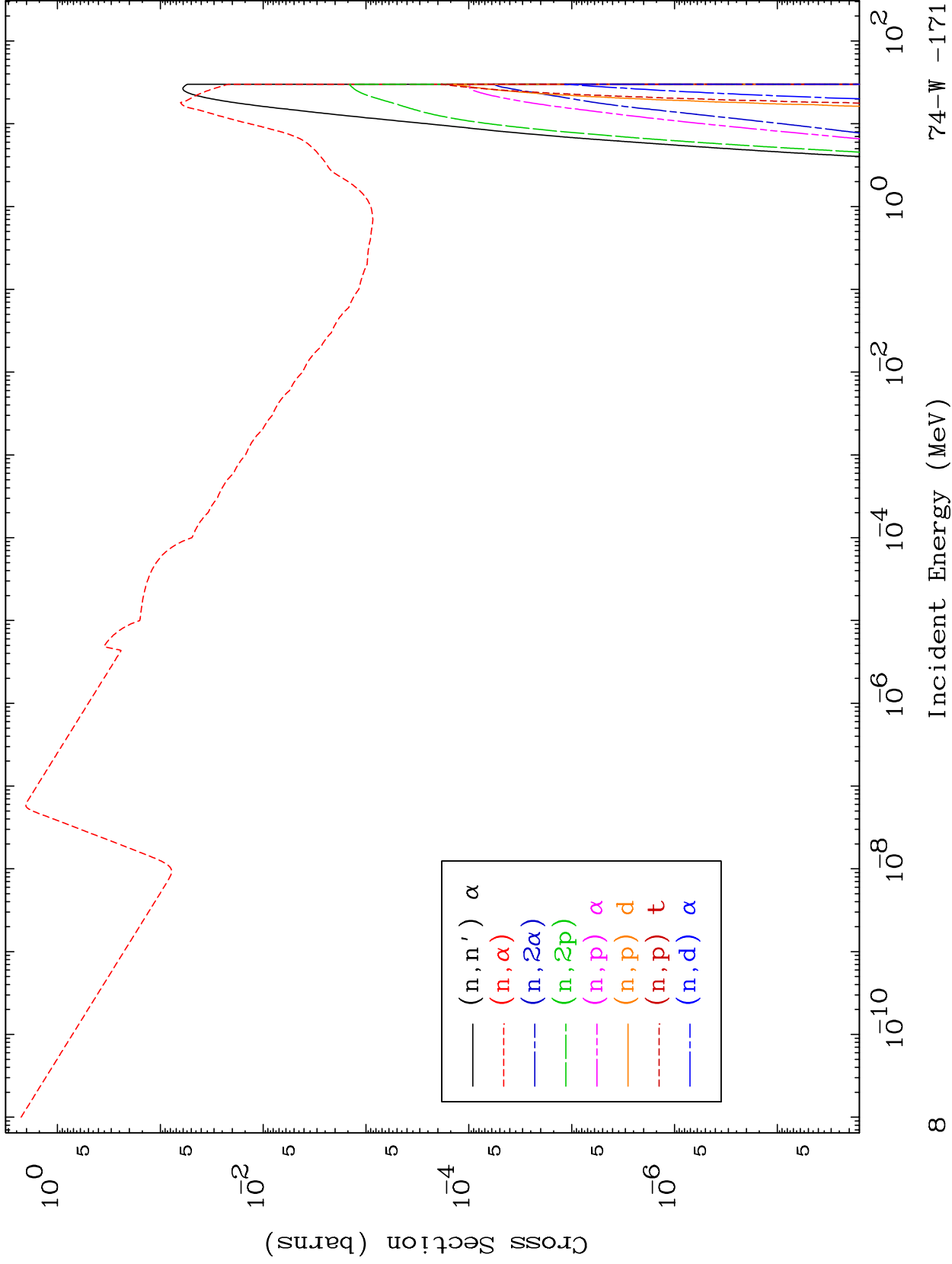


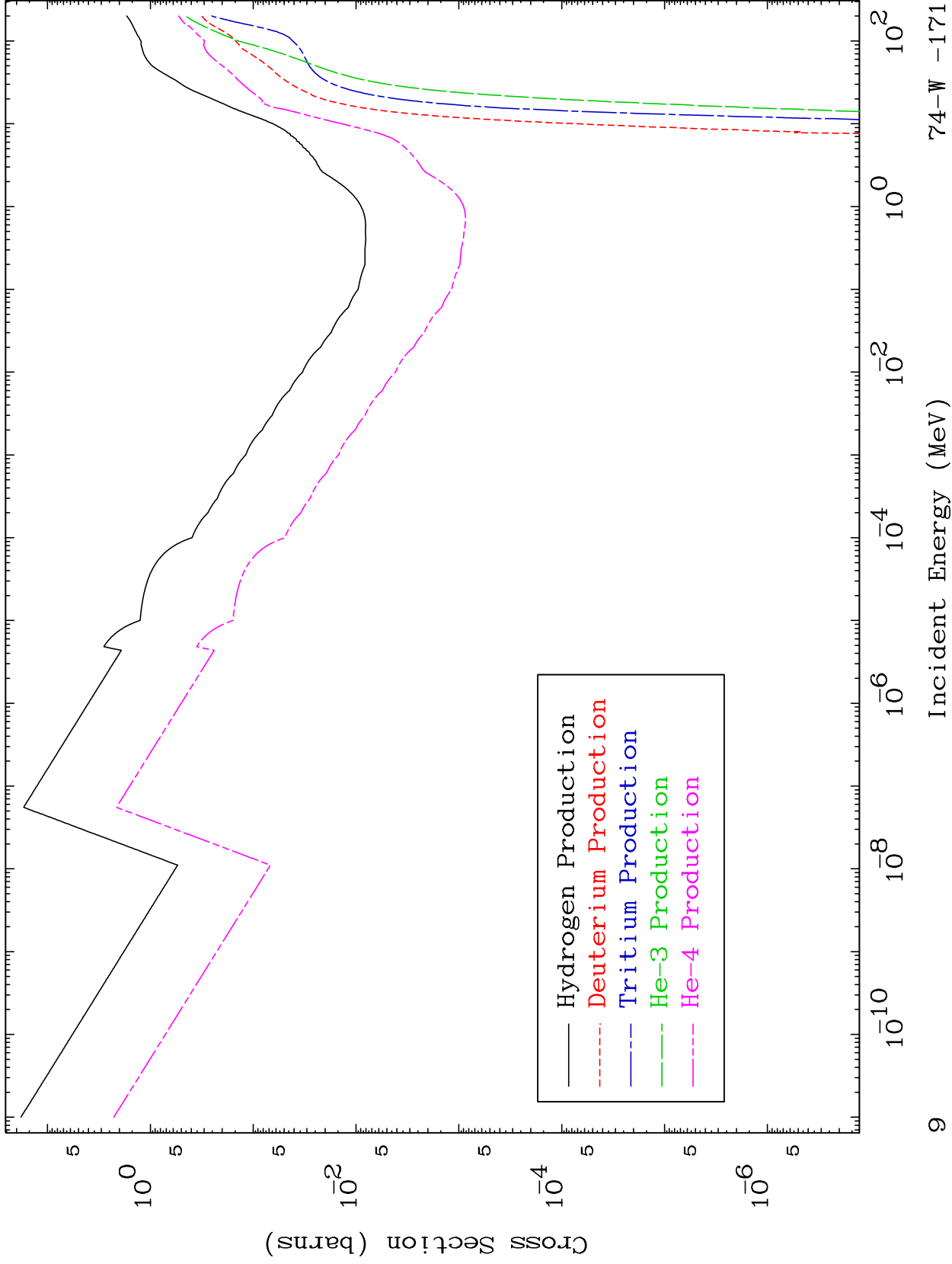


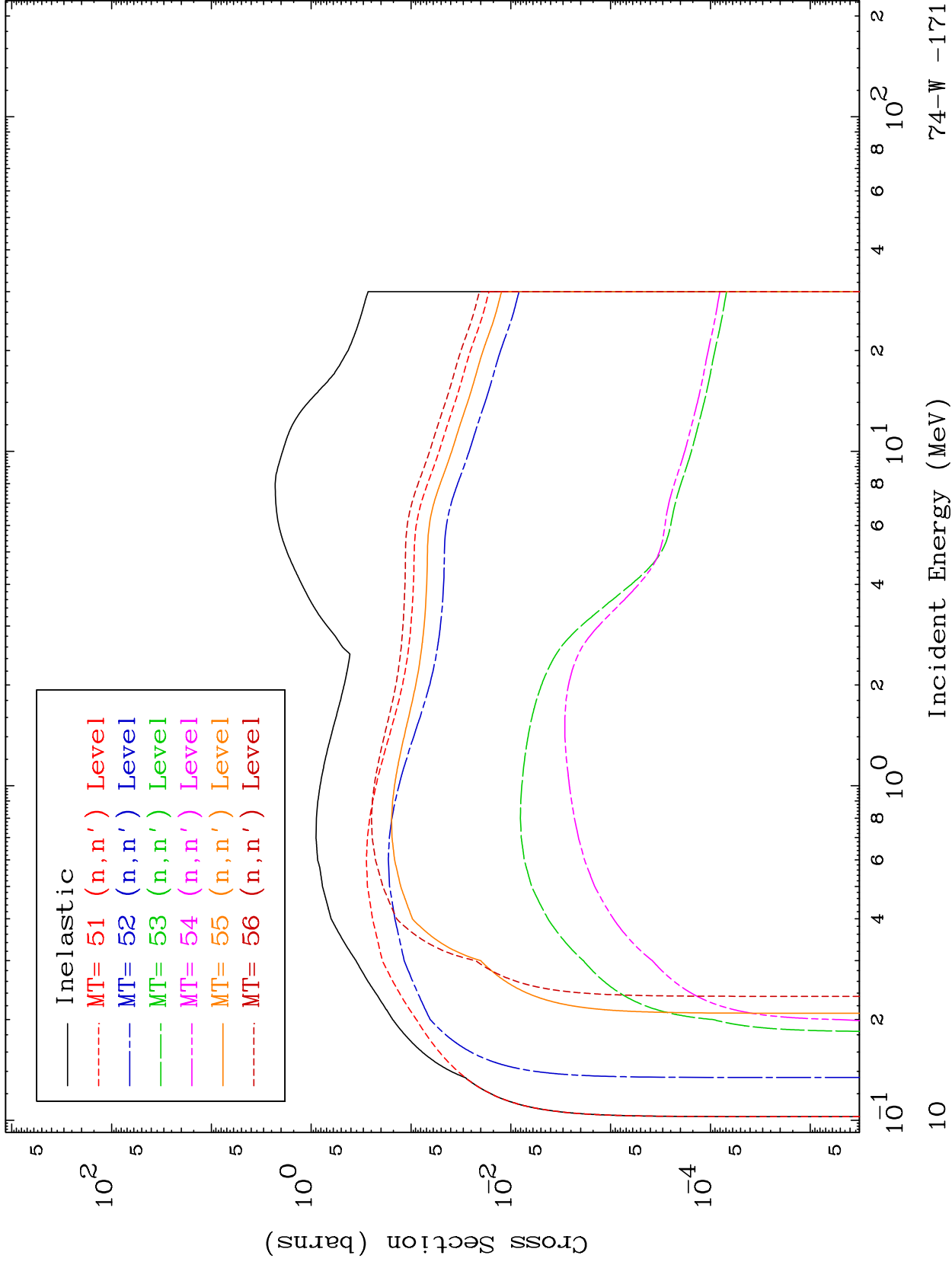


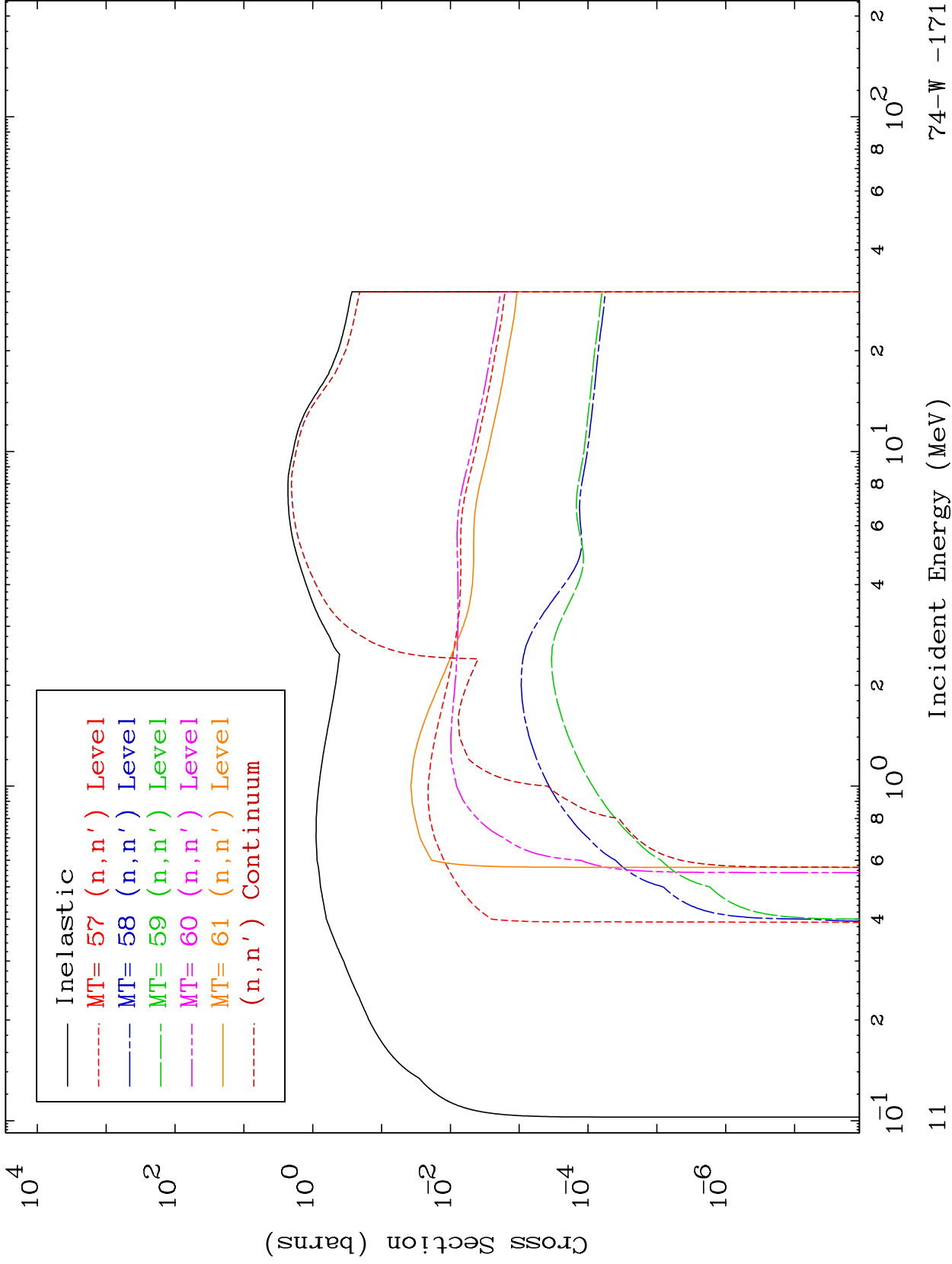


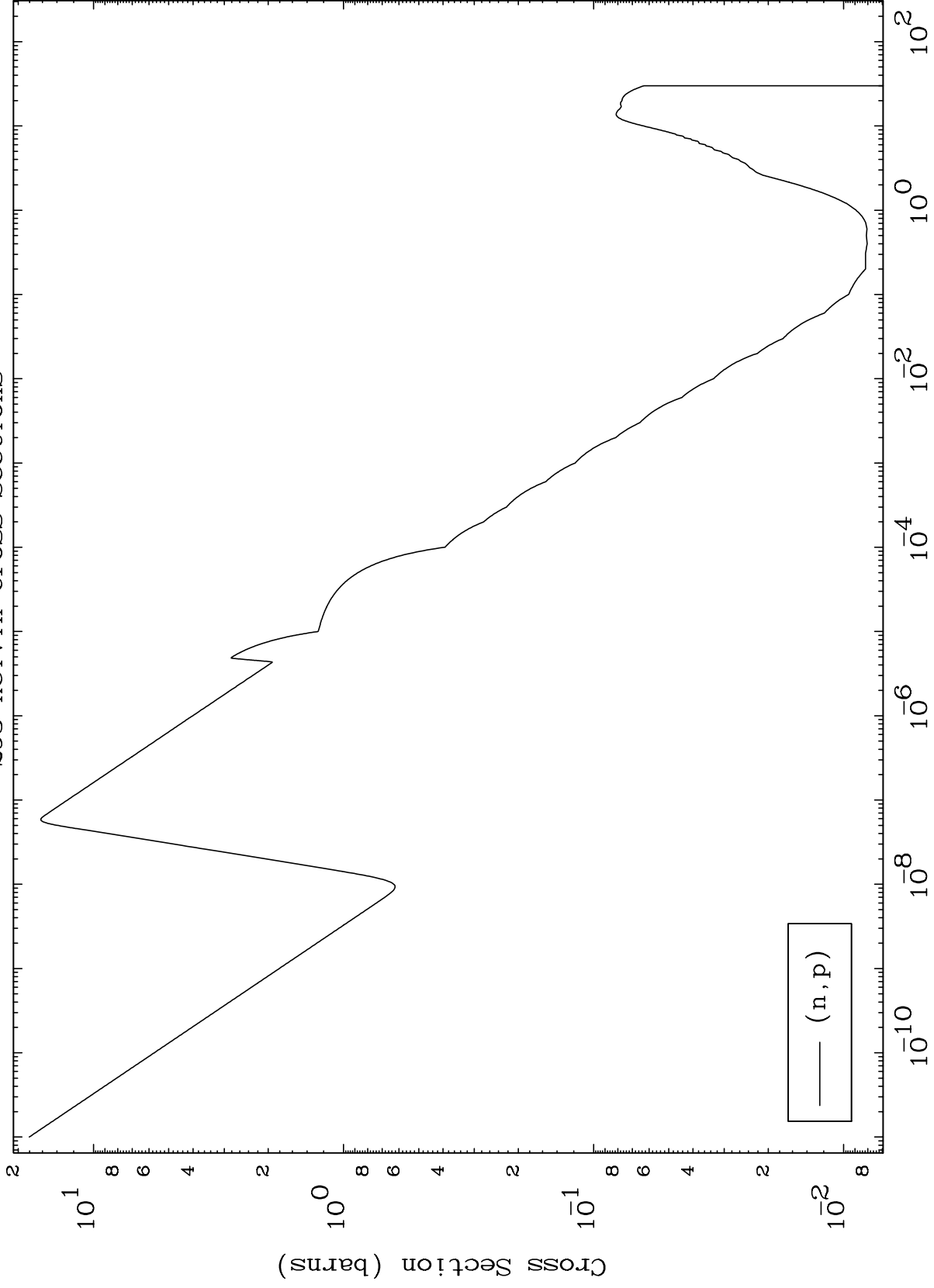


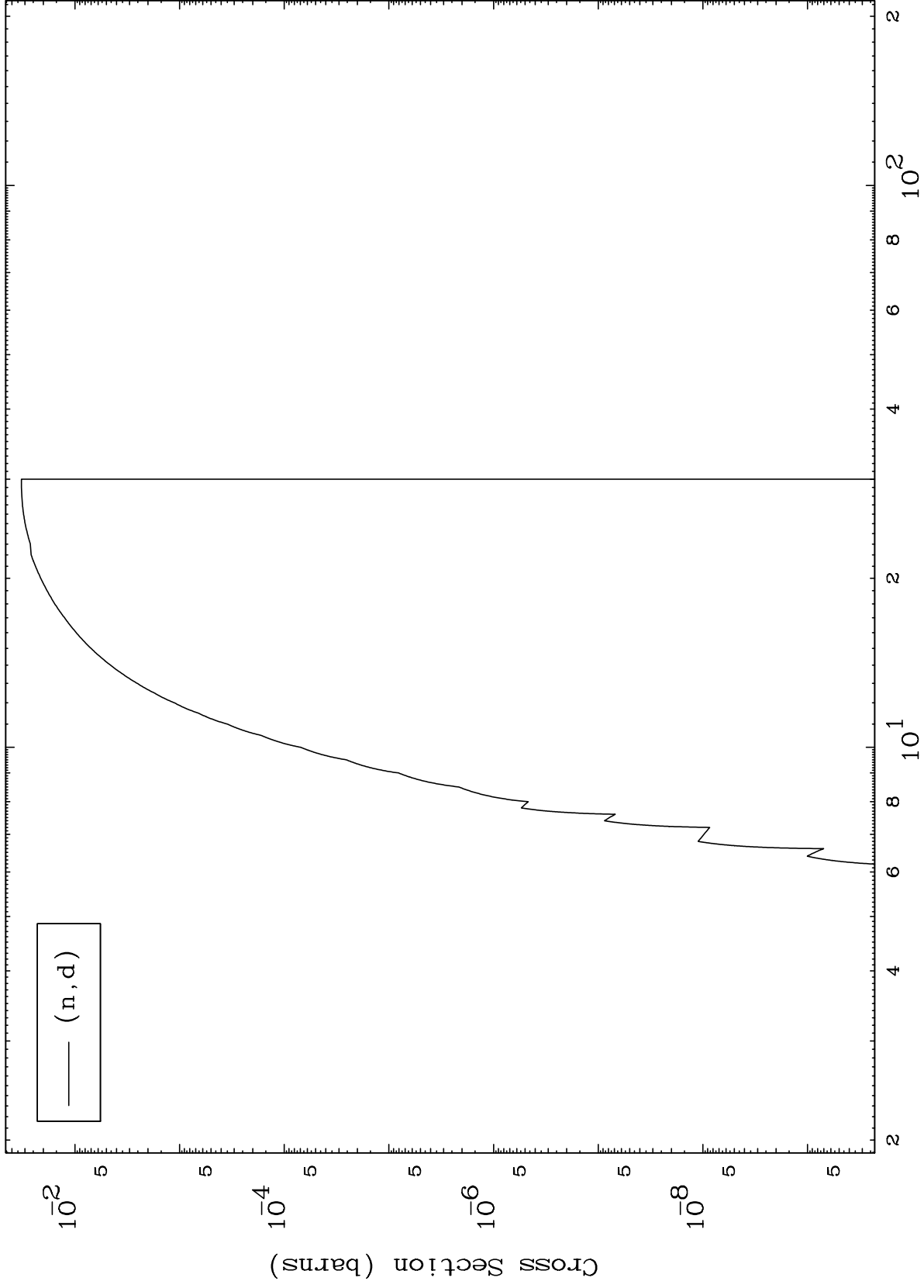








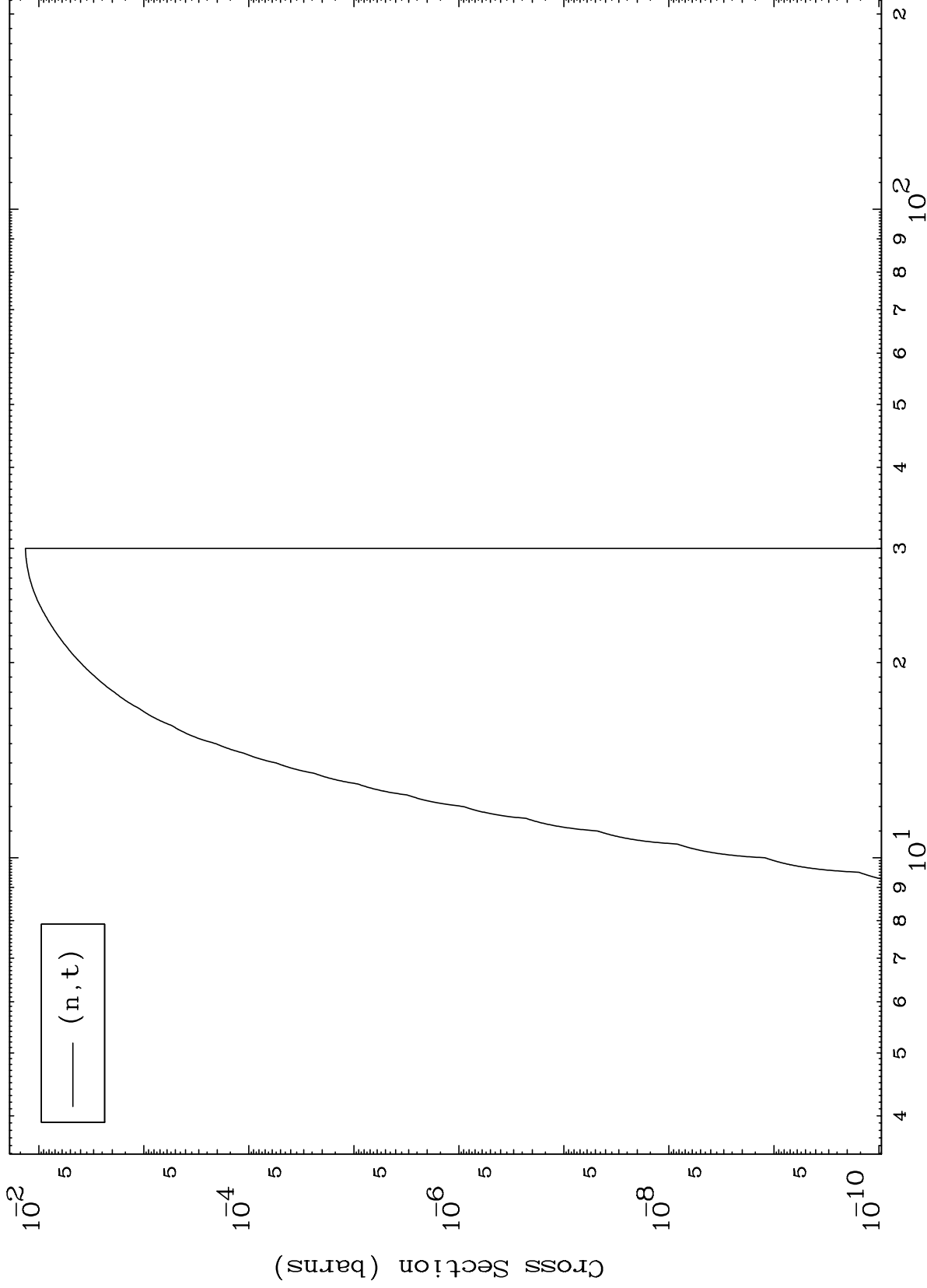




MAT 7398

(n,t) Levels
293 Kelvin Cross Sections

74-W -171



14

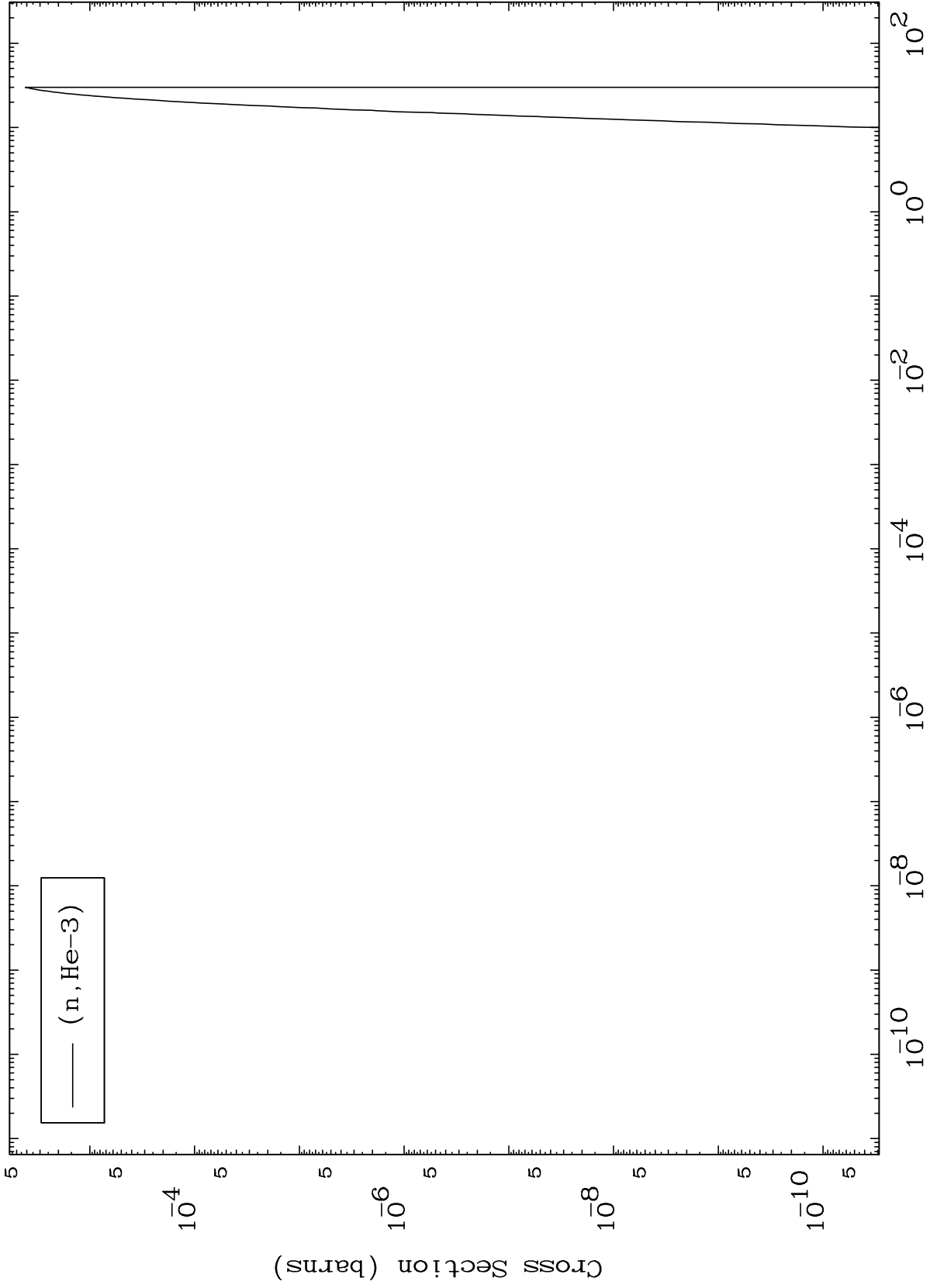
Incident Energy (MeV)

74-W -171

MAT 7398

(n,He3) Levels
293 Kelvin Cross Sections

74-W -171



15

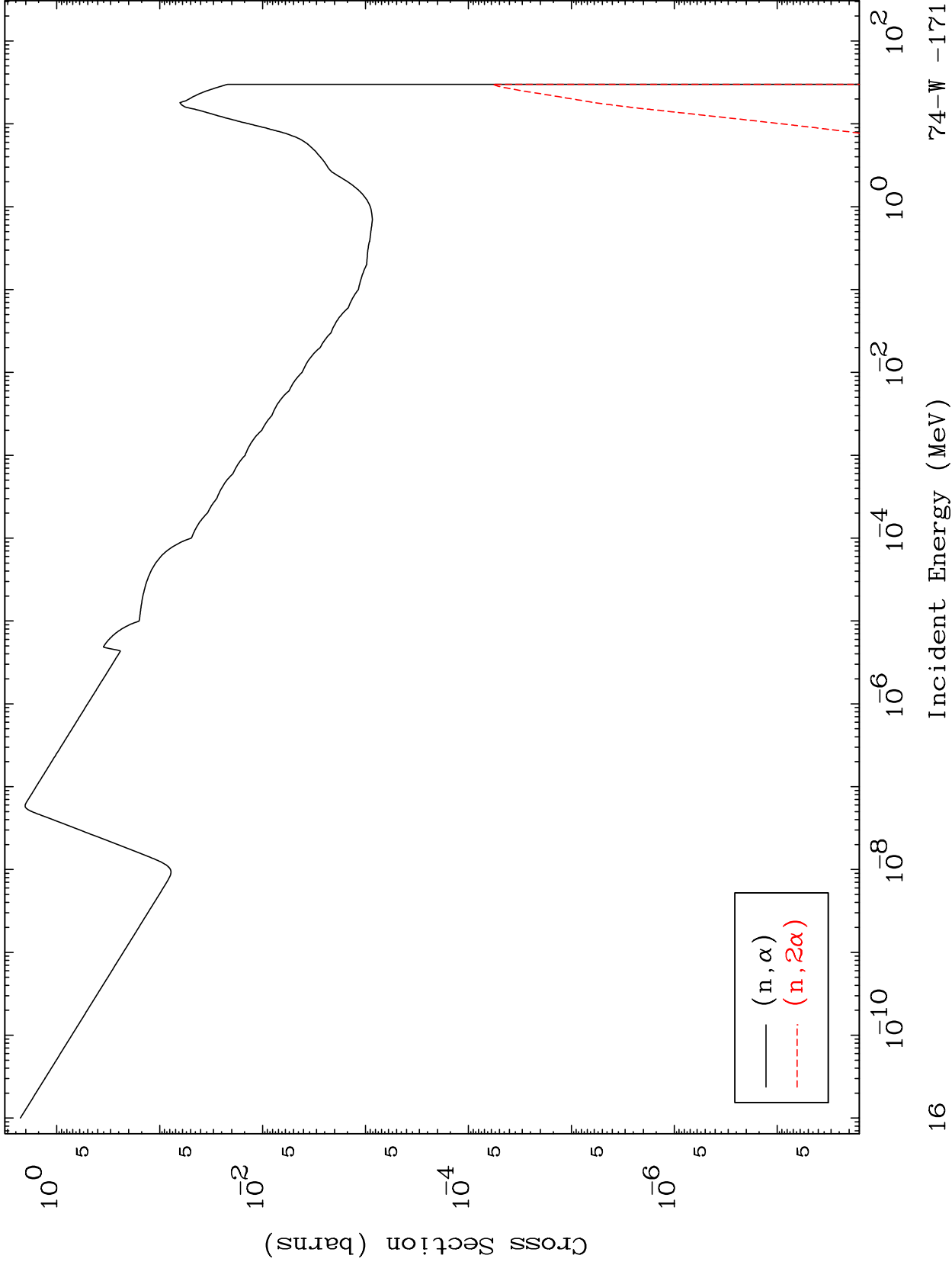
Incident Energy (MeV)

74-W -171

MAT 7398

293 Kelvin Cross Sections
(n, α) Levels

74-W -171



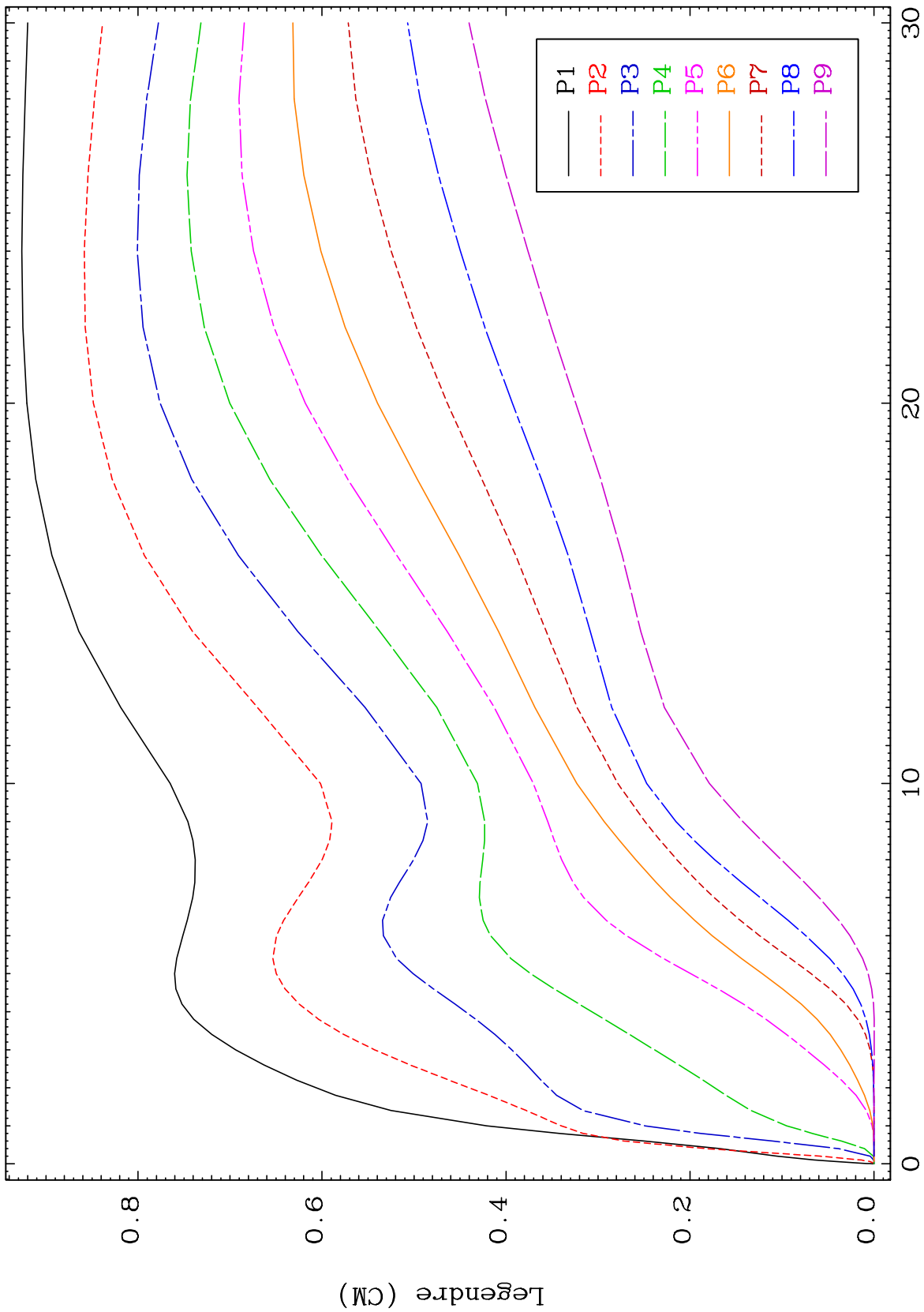
16

74-W -171

MAT 7398

74-W -171

Elastic Legendre Coefficients



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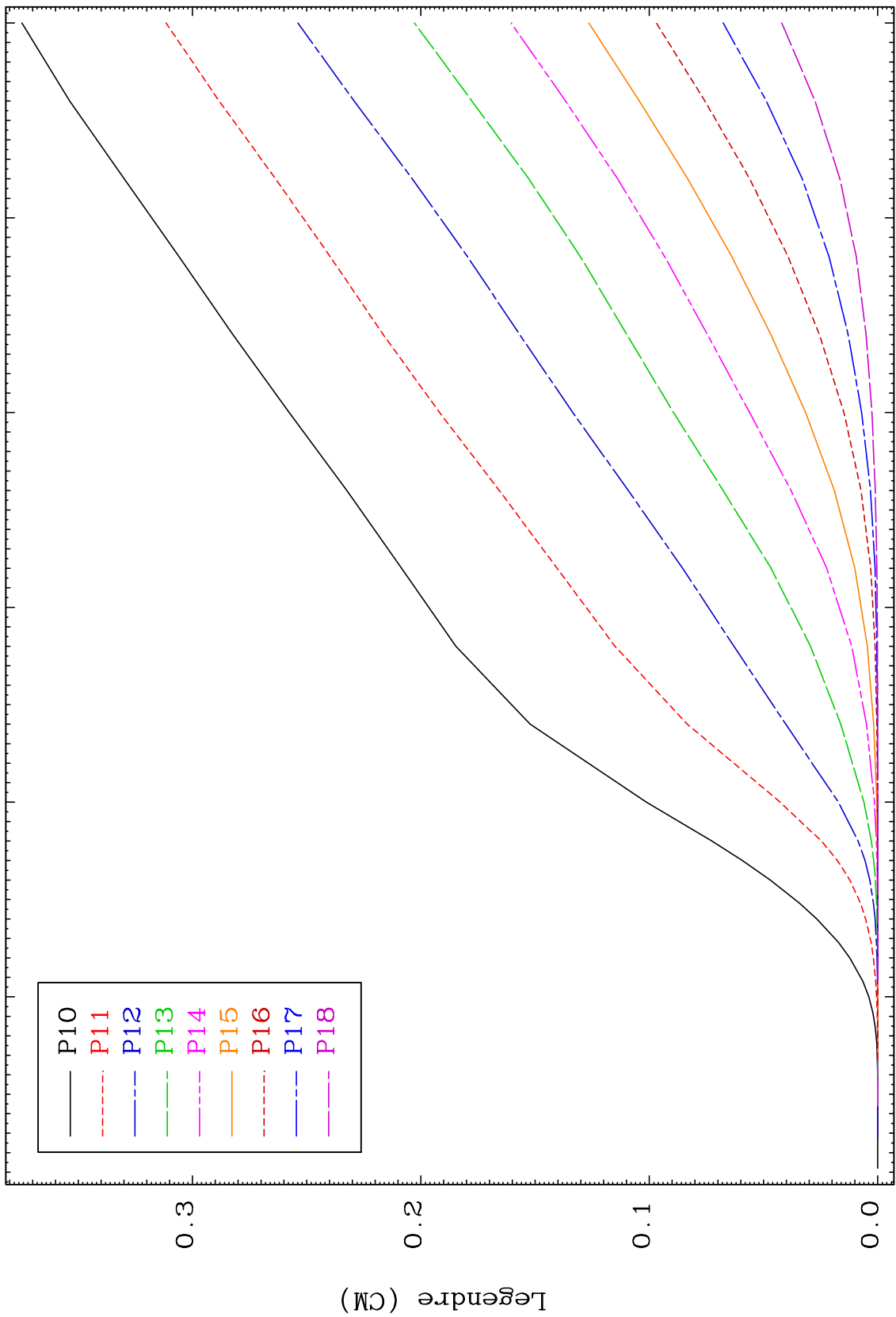
Incident Energy (MeV)

74-W -171

MAT 7398

Elastic Legendre Coefficients

74-W -171

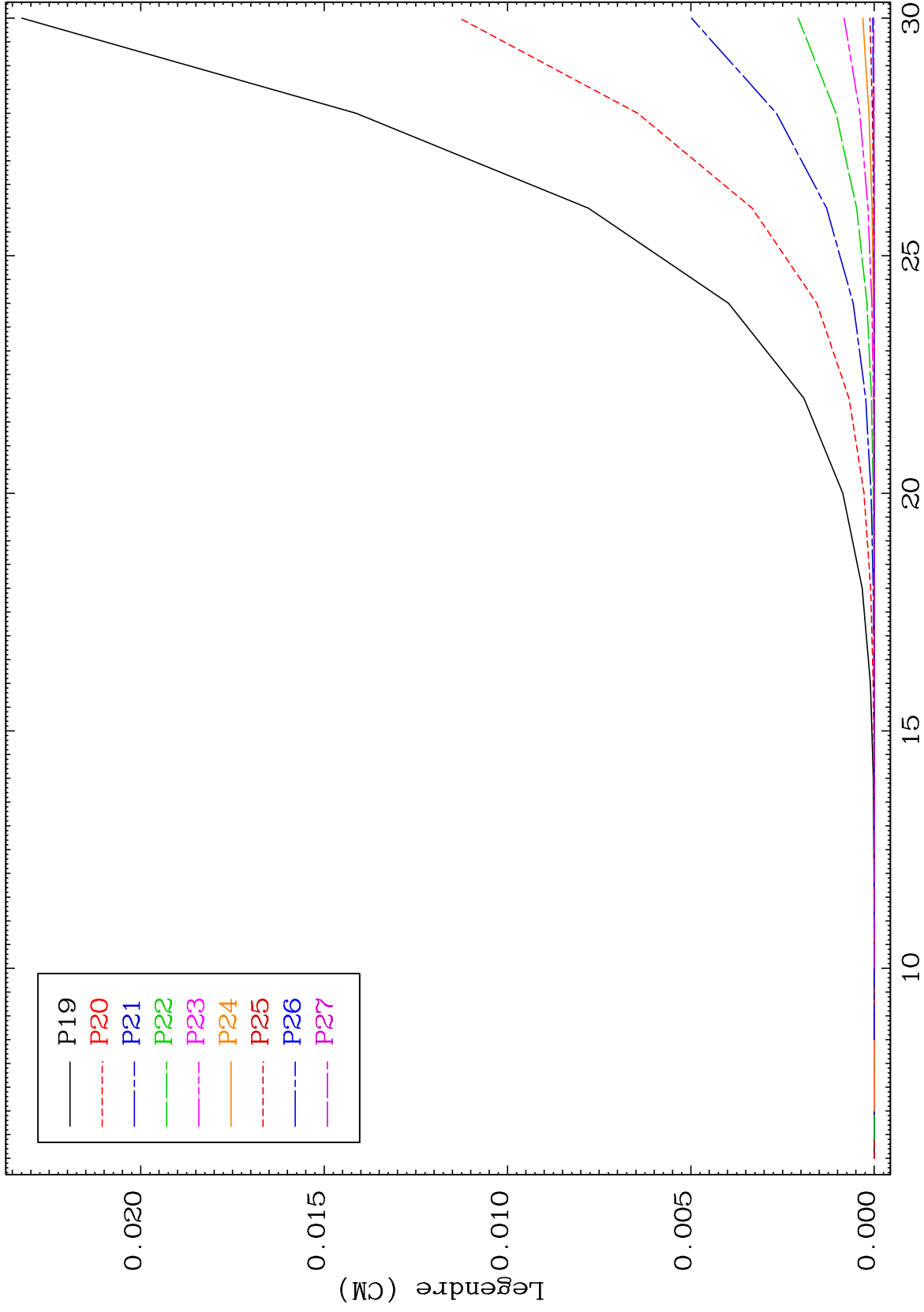


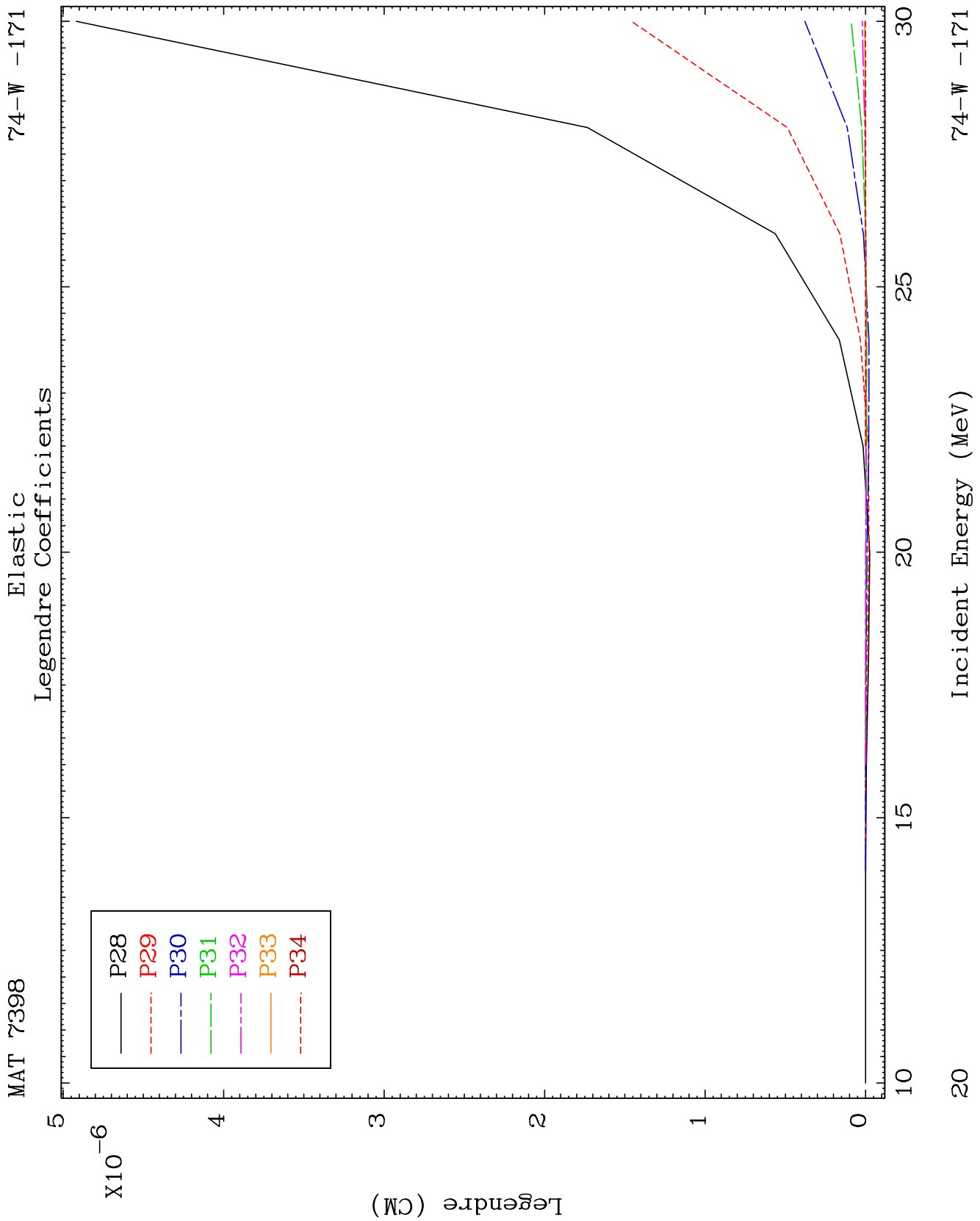
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Incident Energy (MeV)

74-W -171

Elastic Legendre Coefficients

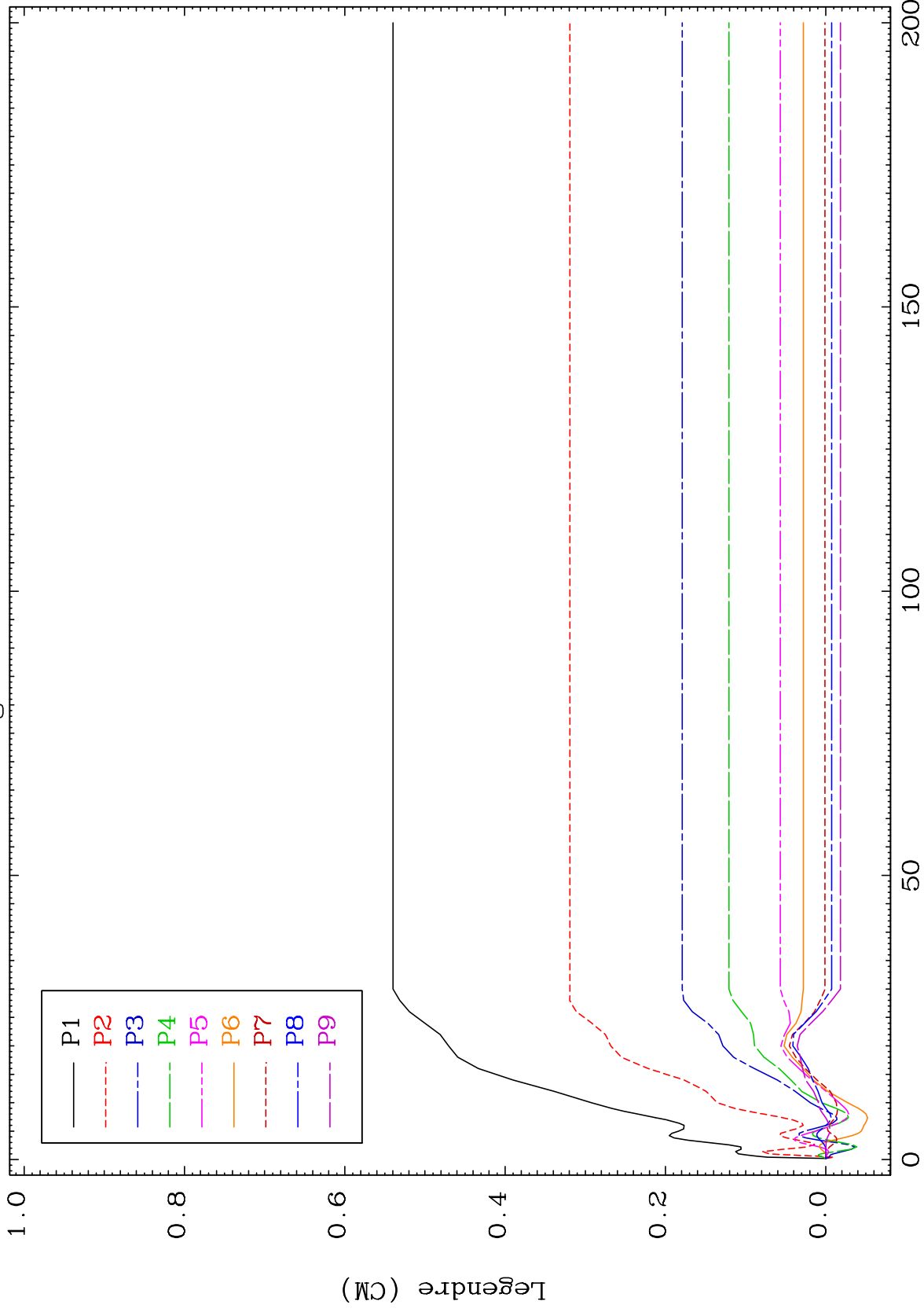




MAT 7398

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

74-W -171



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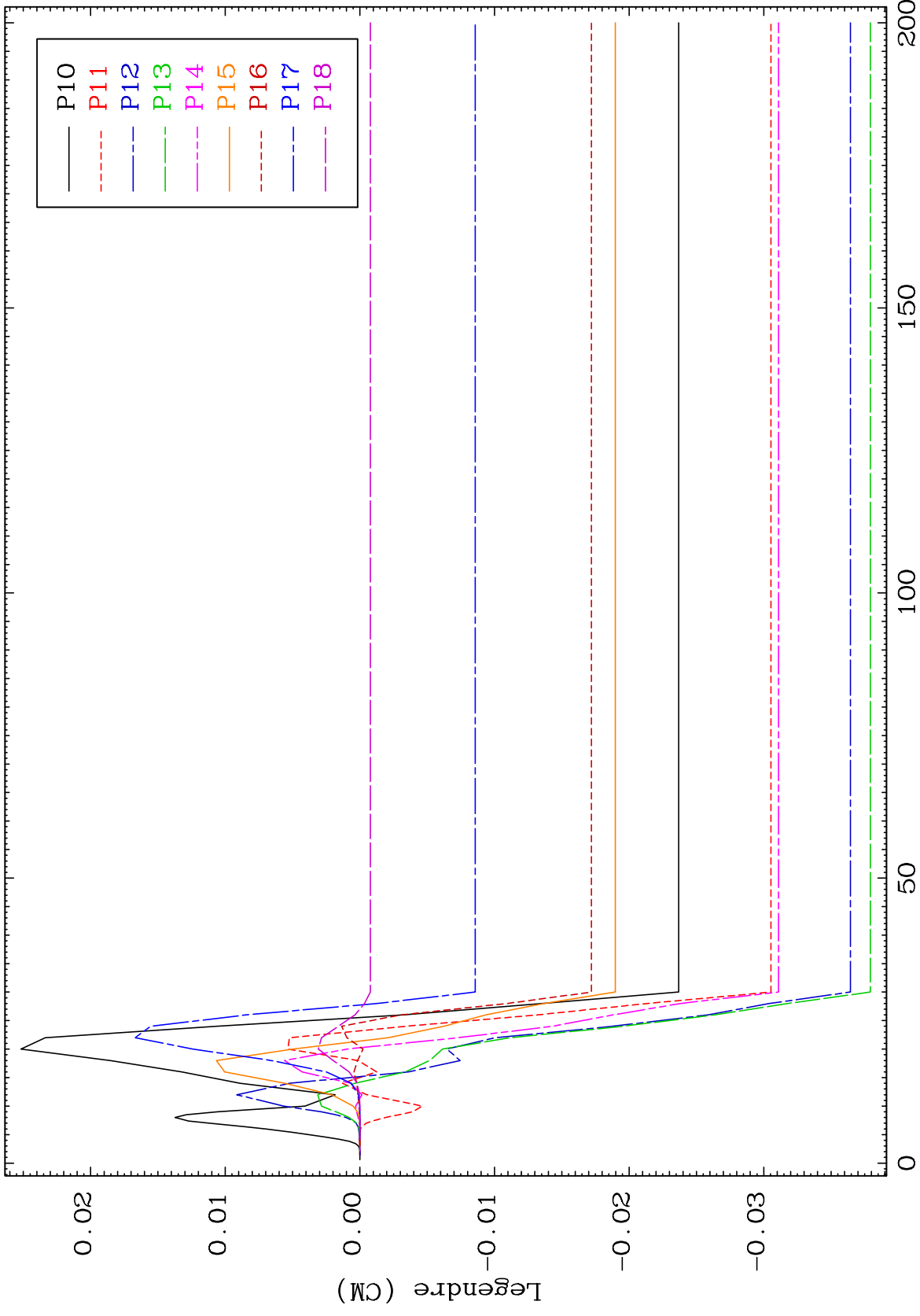
Incident Energy (MeV)

74-W -171

MAT 7398

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

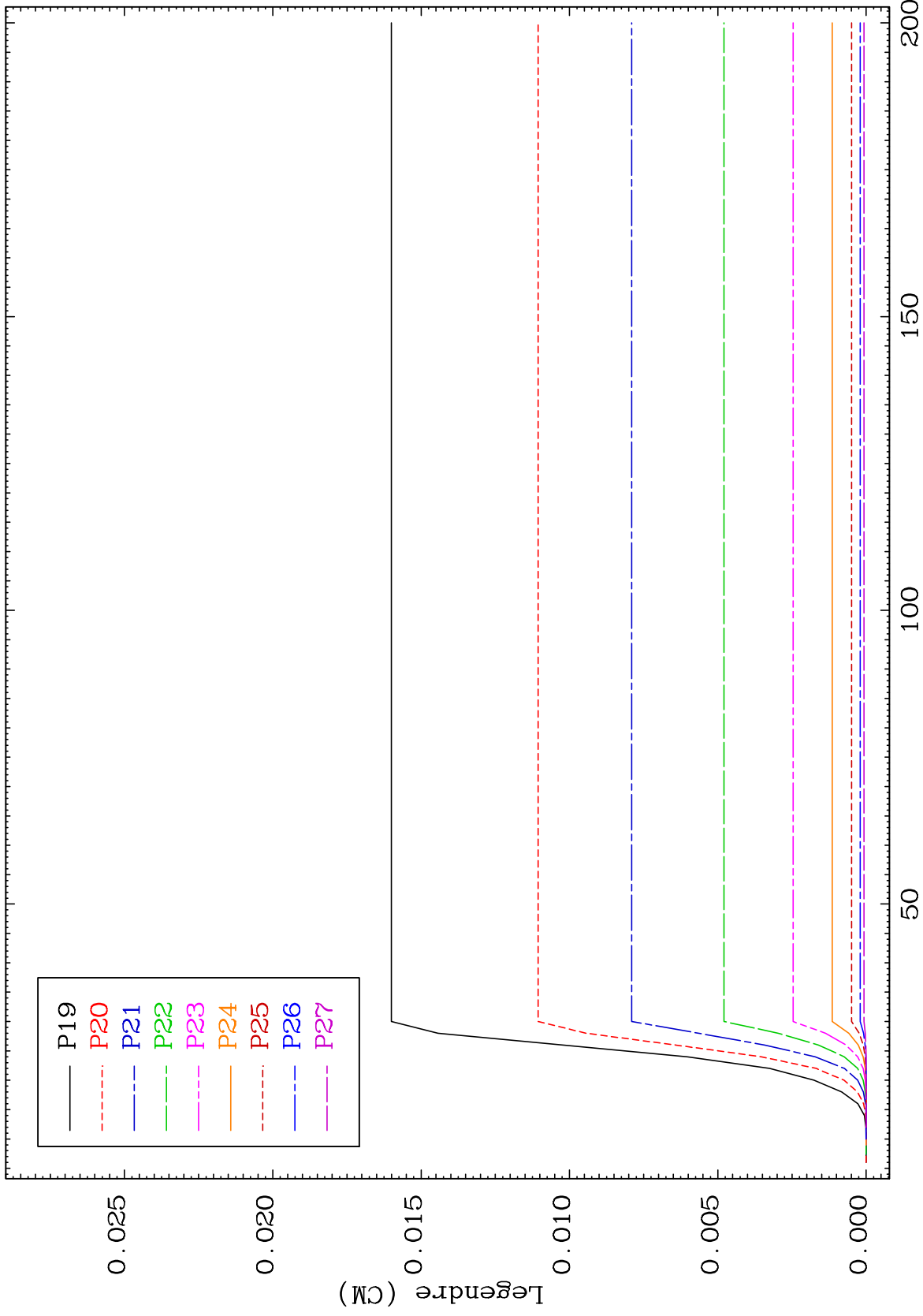
74-W -171

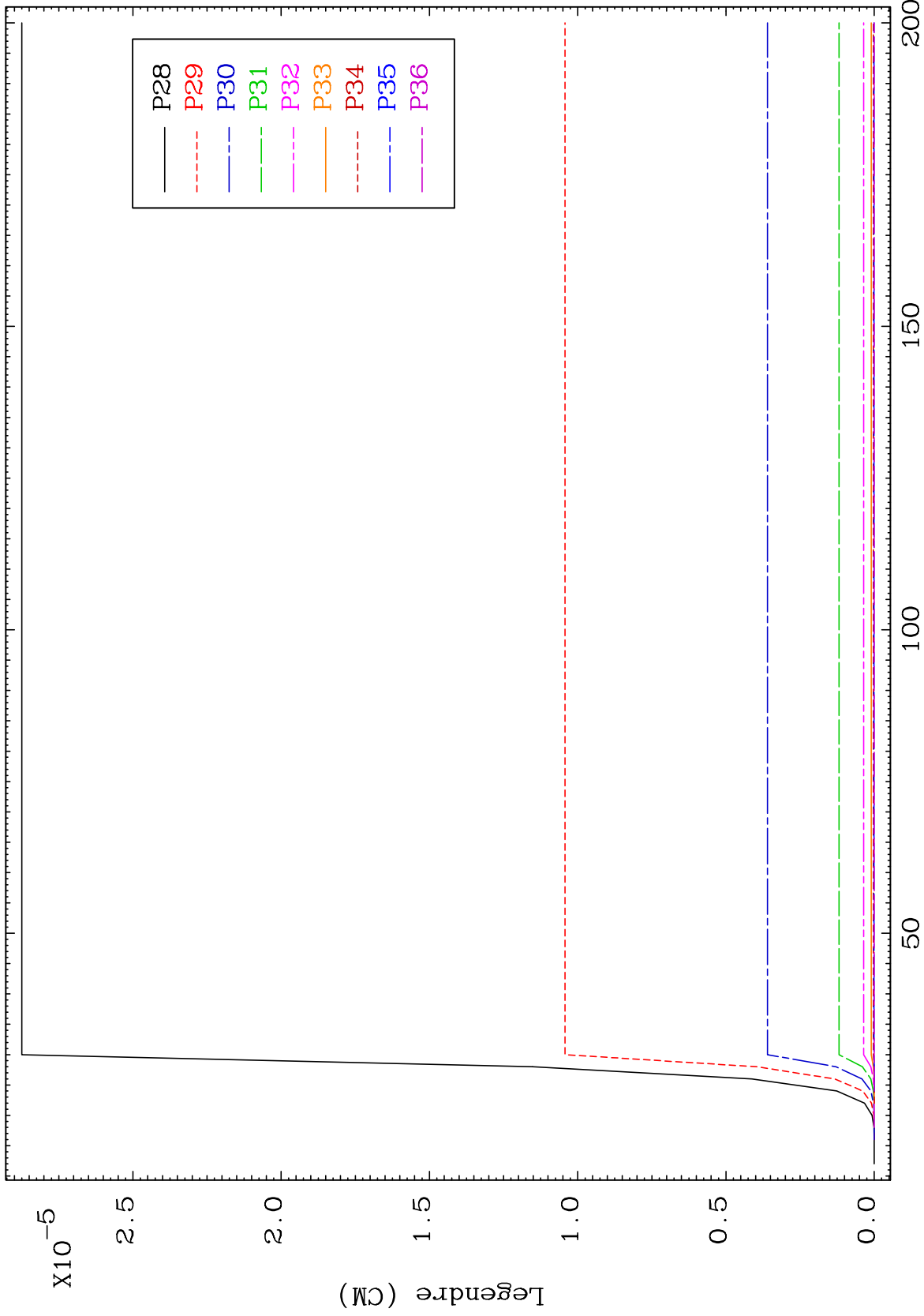


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Incident Energy (MeV)

74-W -171

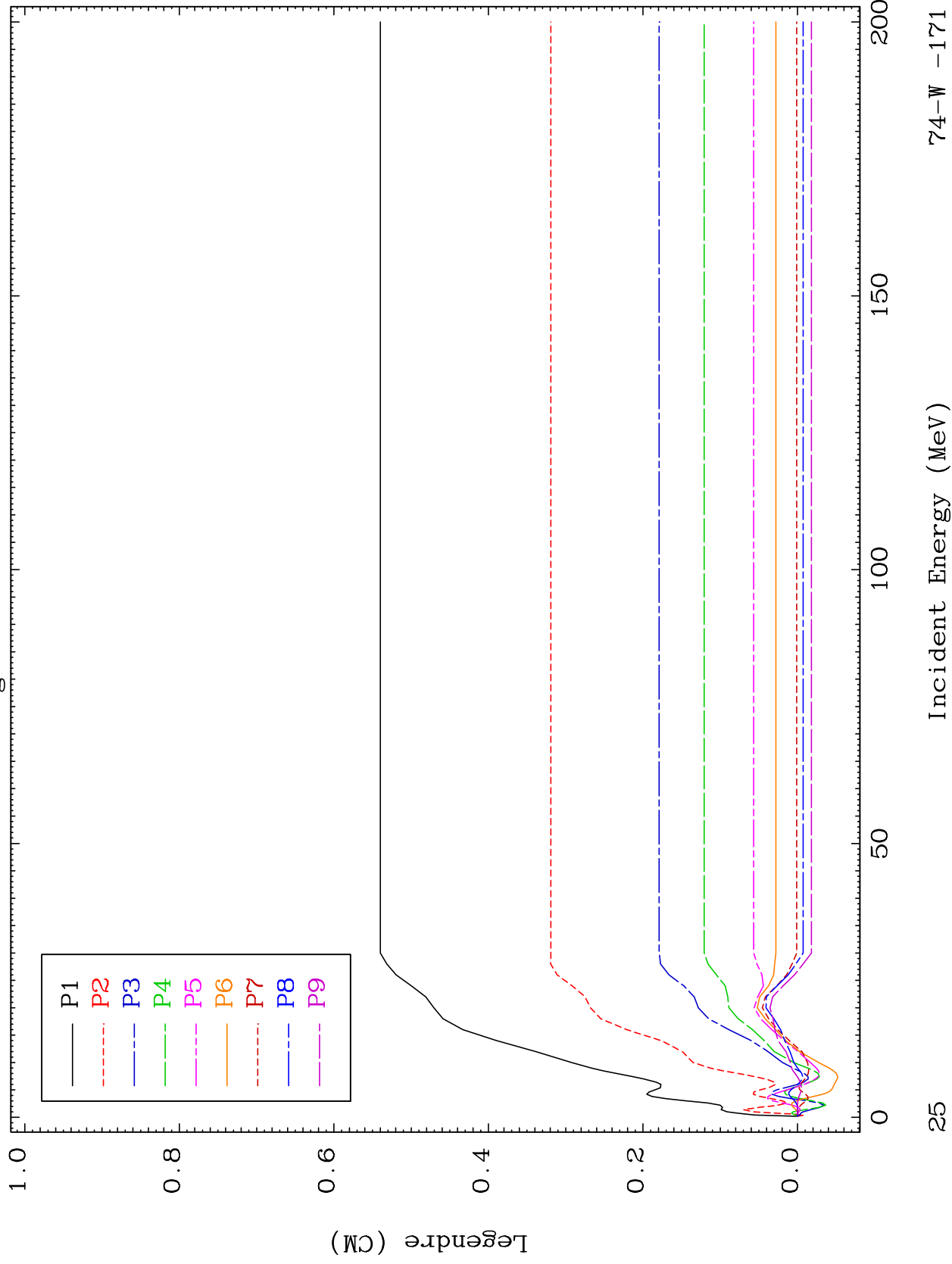




MAT 7398

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

74-W -171



74-W -171

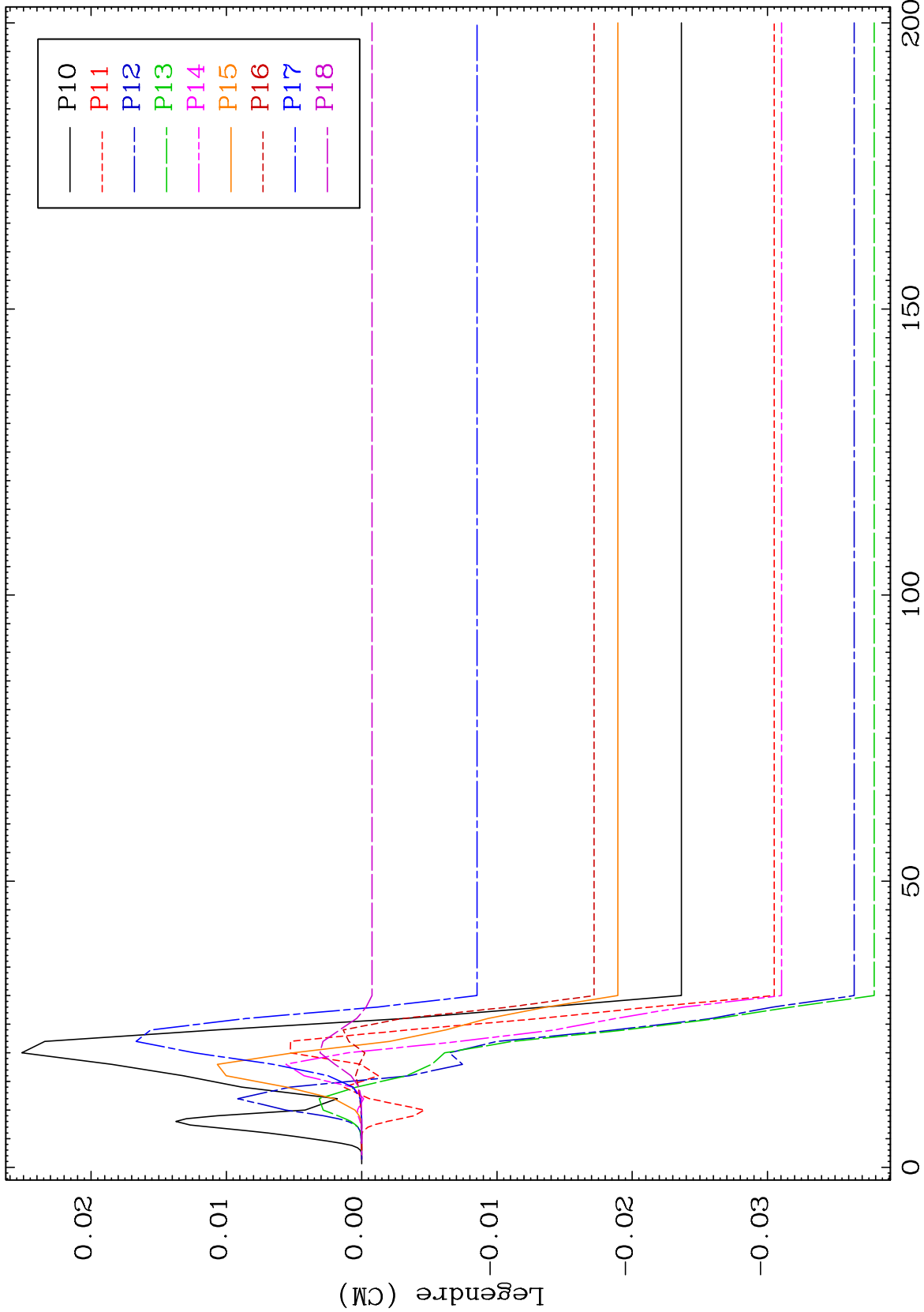
Incident Energy (MeV)

25

MAT 7398

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

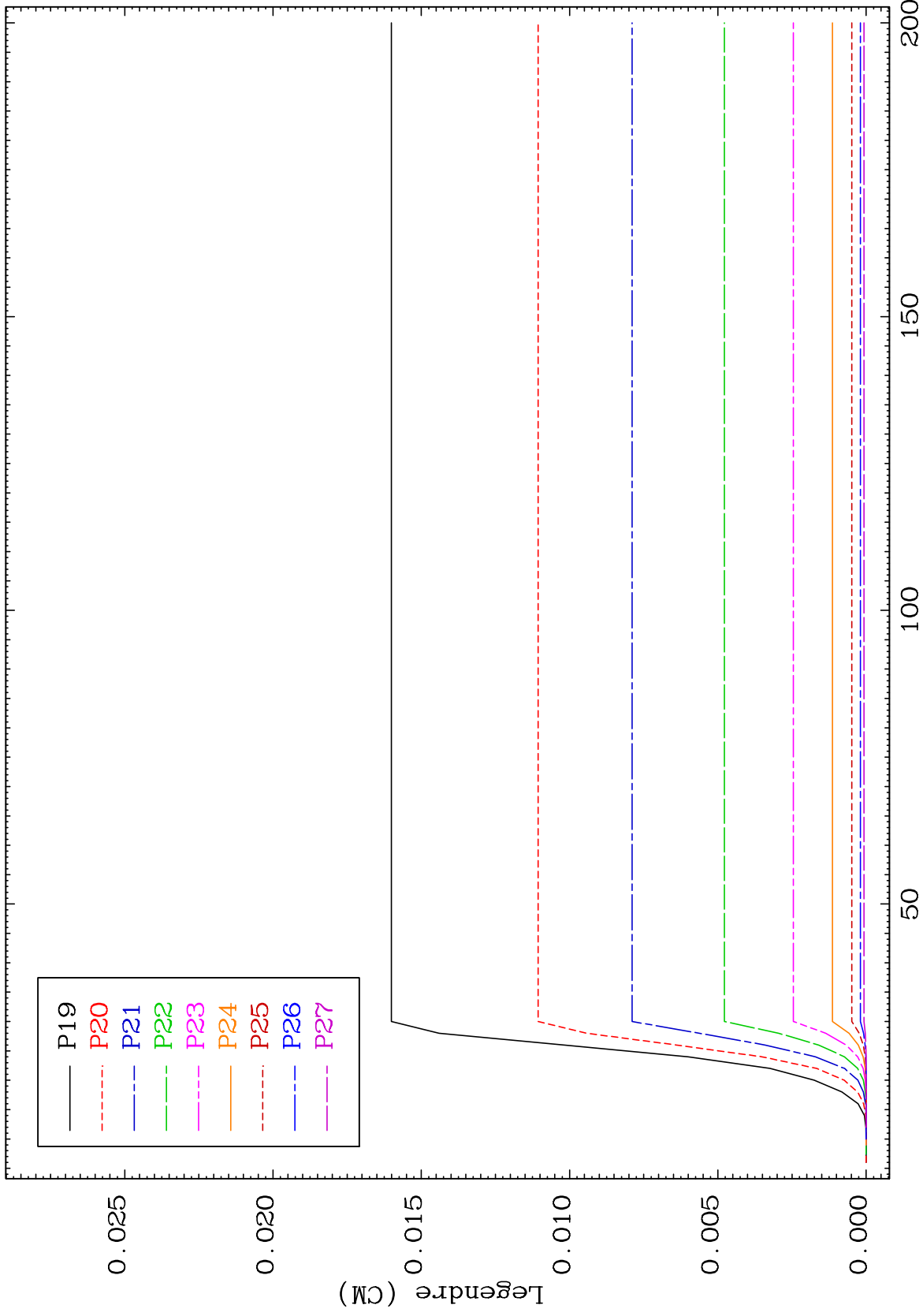
74-W -171

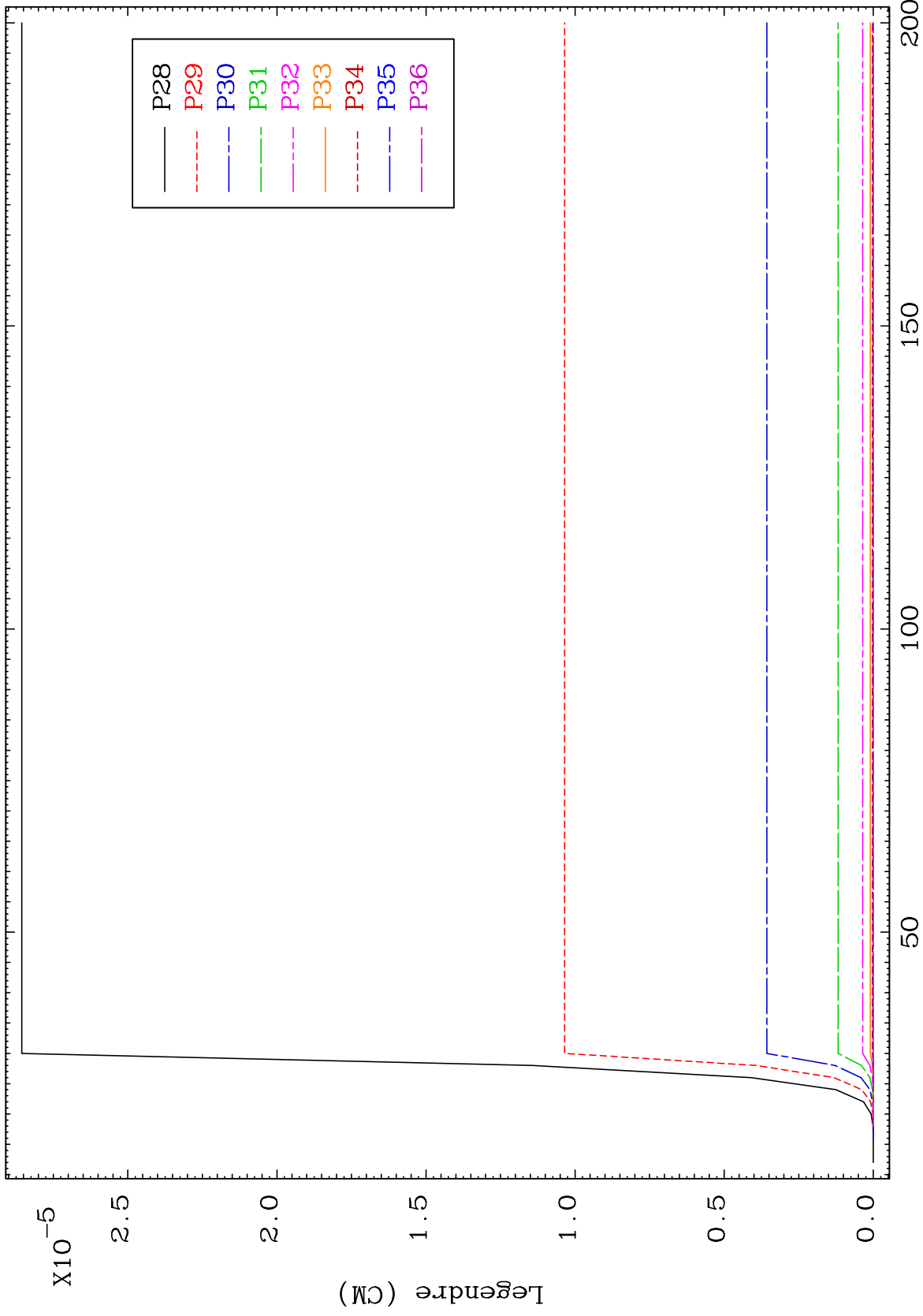


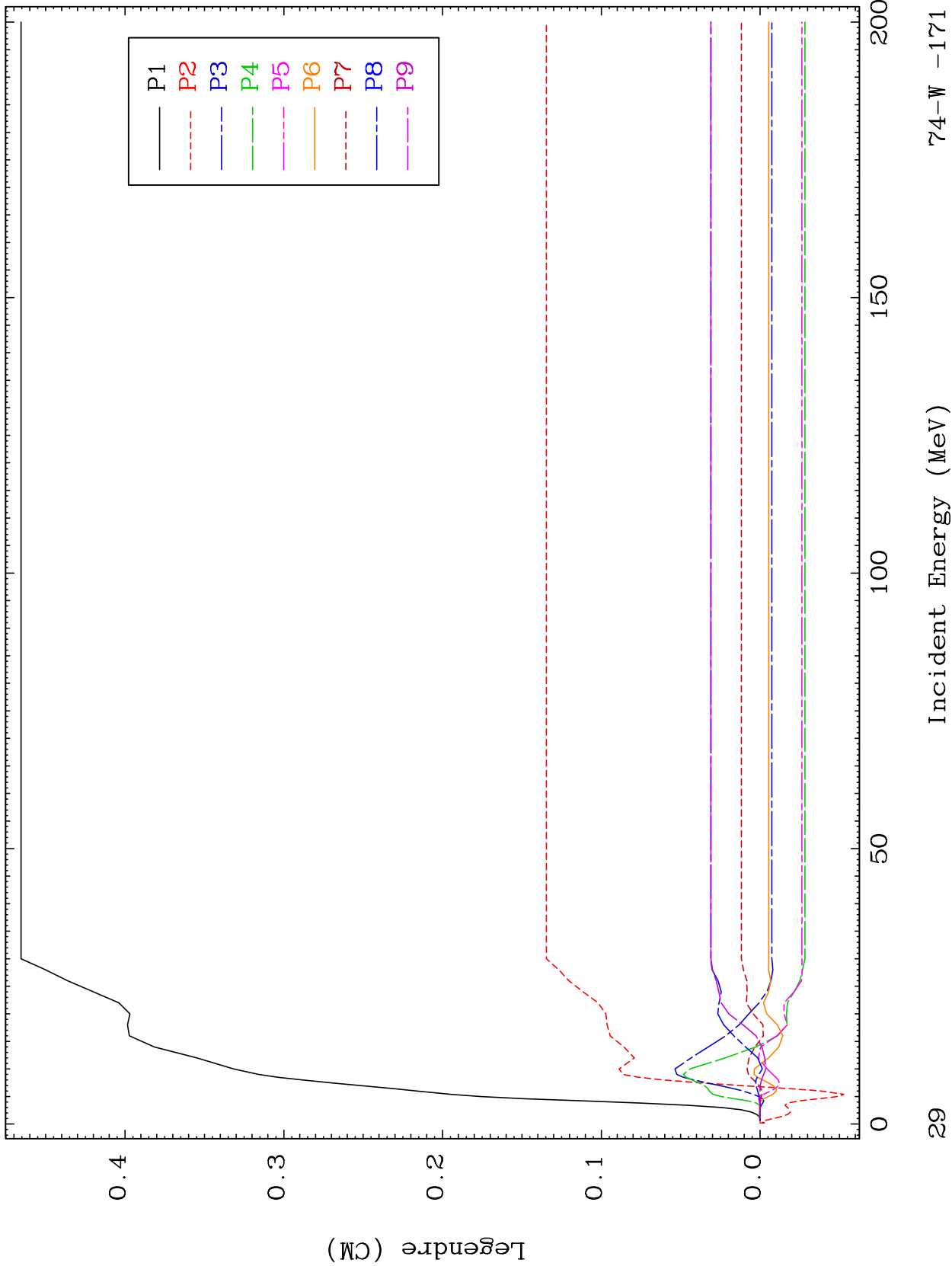
26

Incident Energy (MeV)

74-W -171



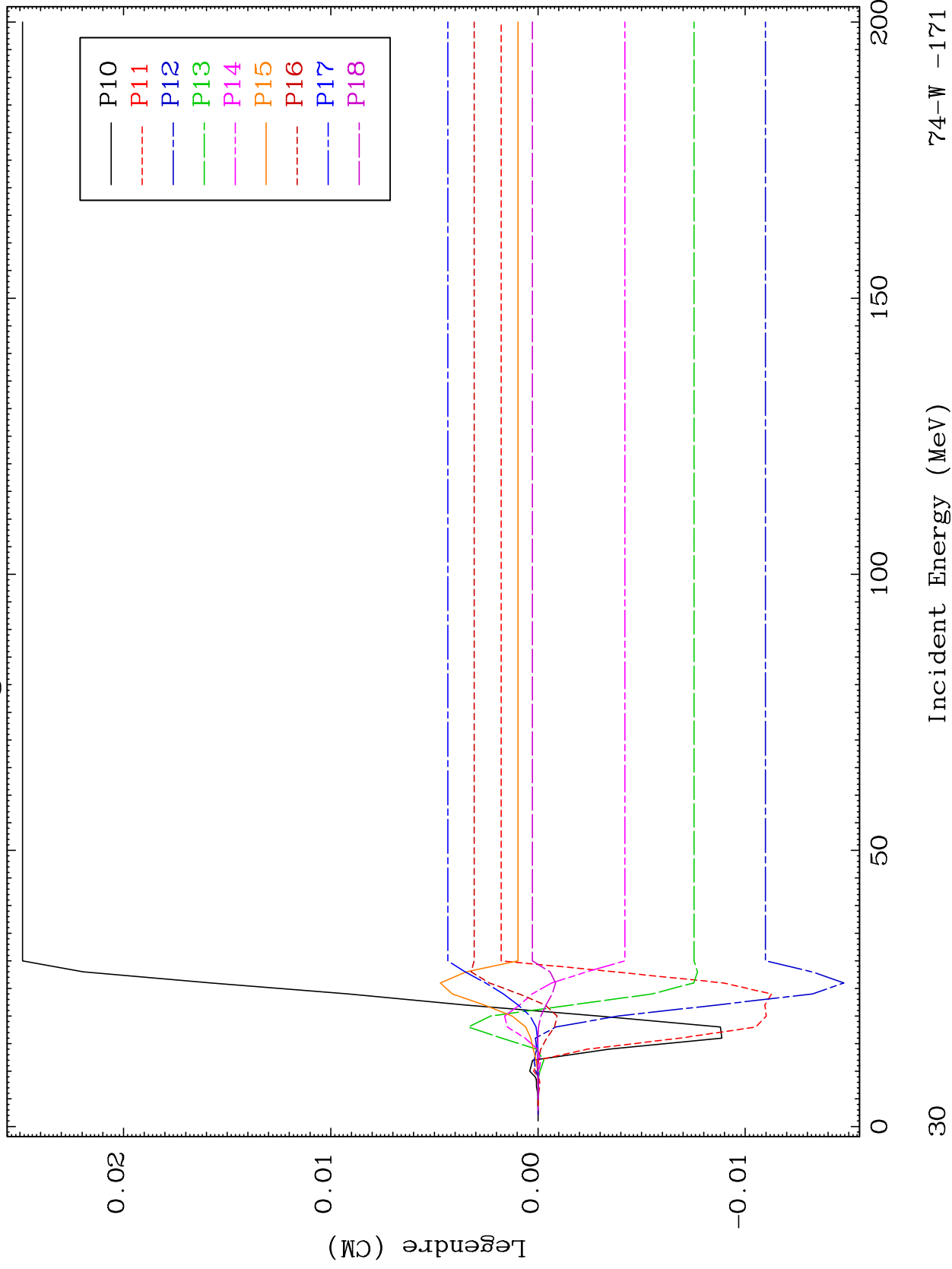




MAT 7398

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

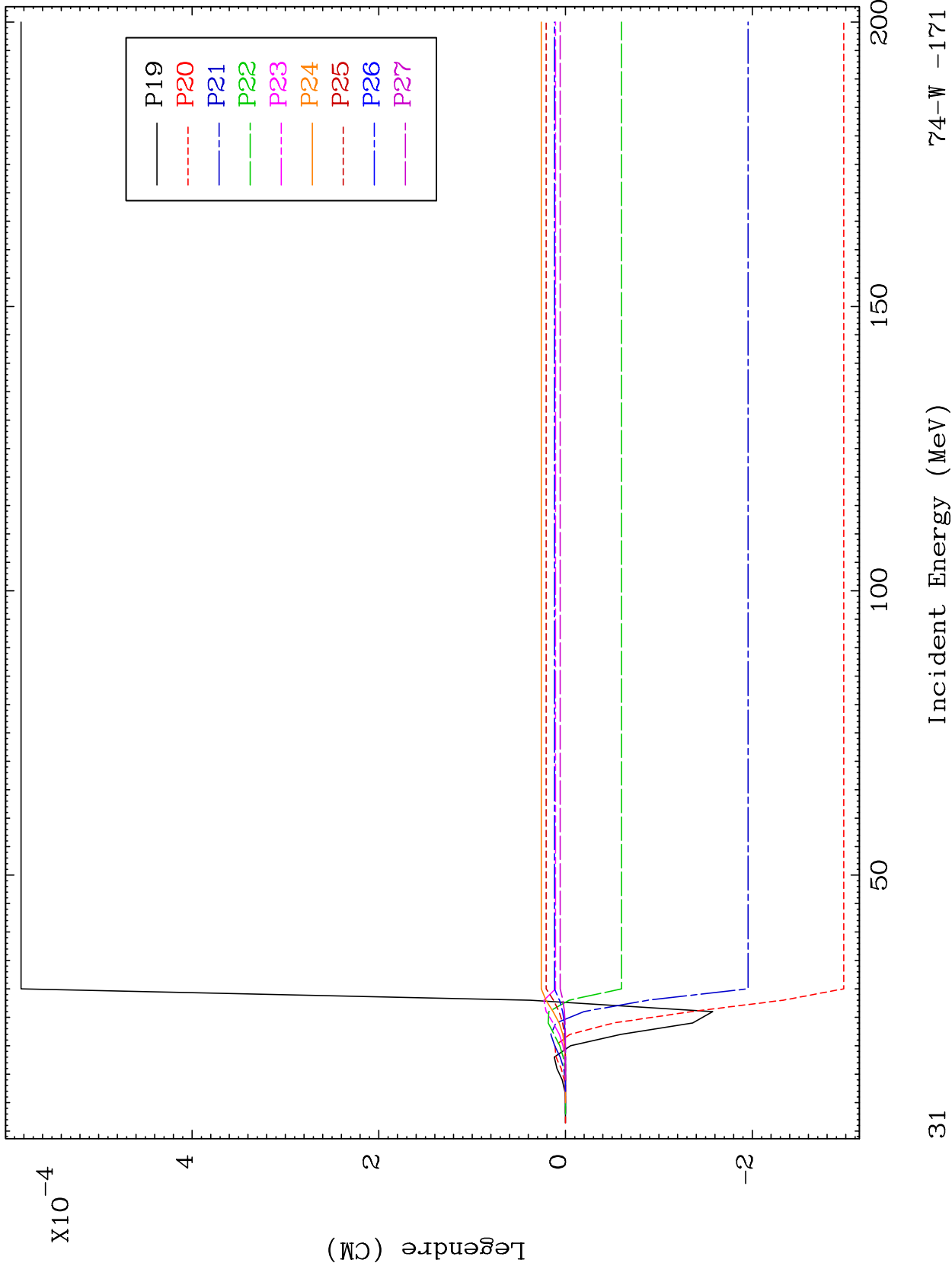
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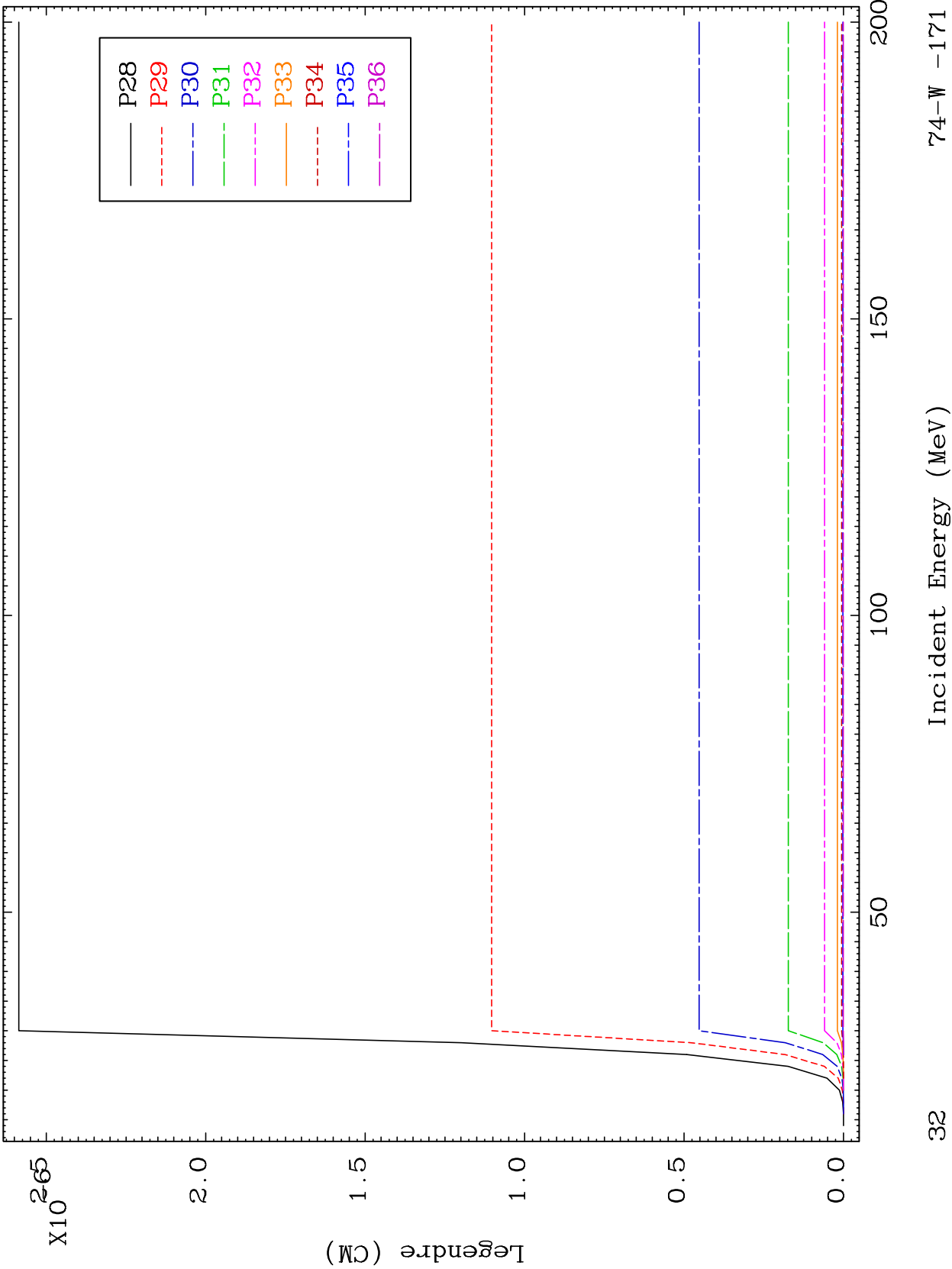


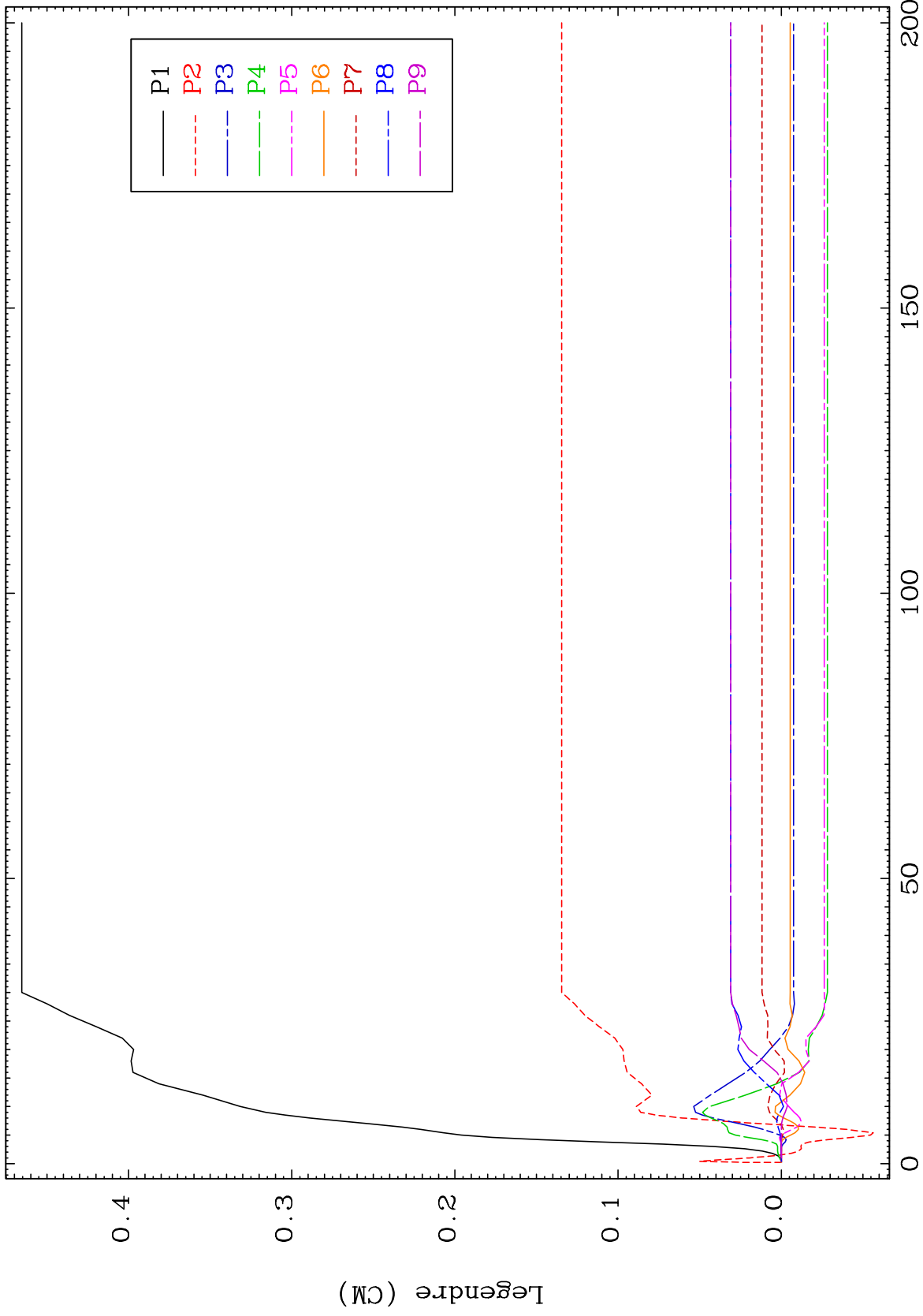
74-W -171

Incident Energy (MeV)

30



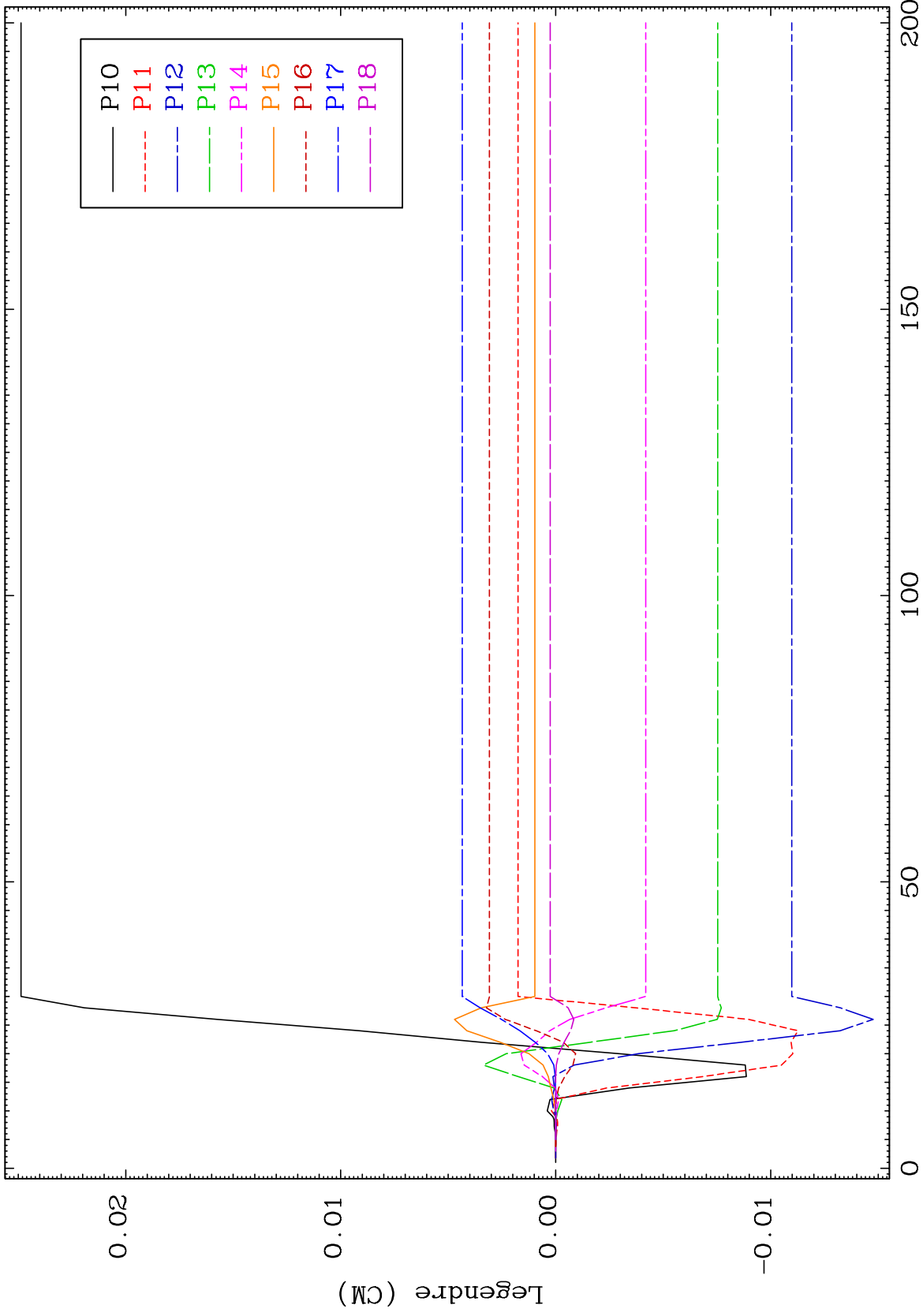




MAT 7398

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

74-W -171



34

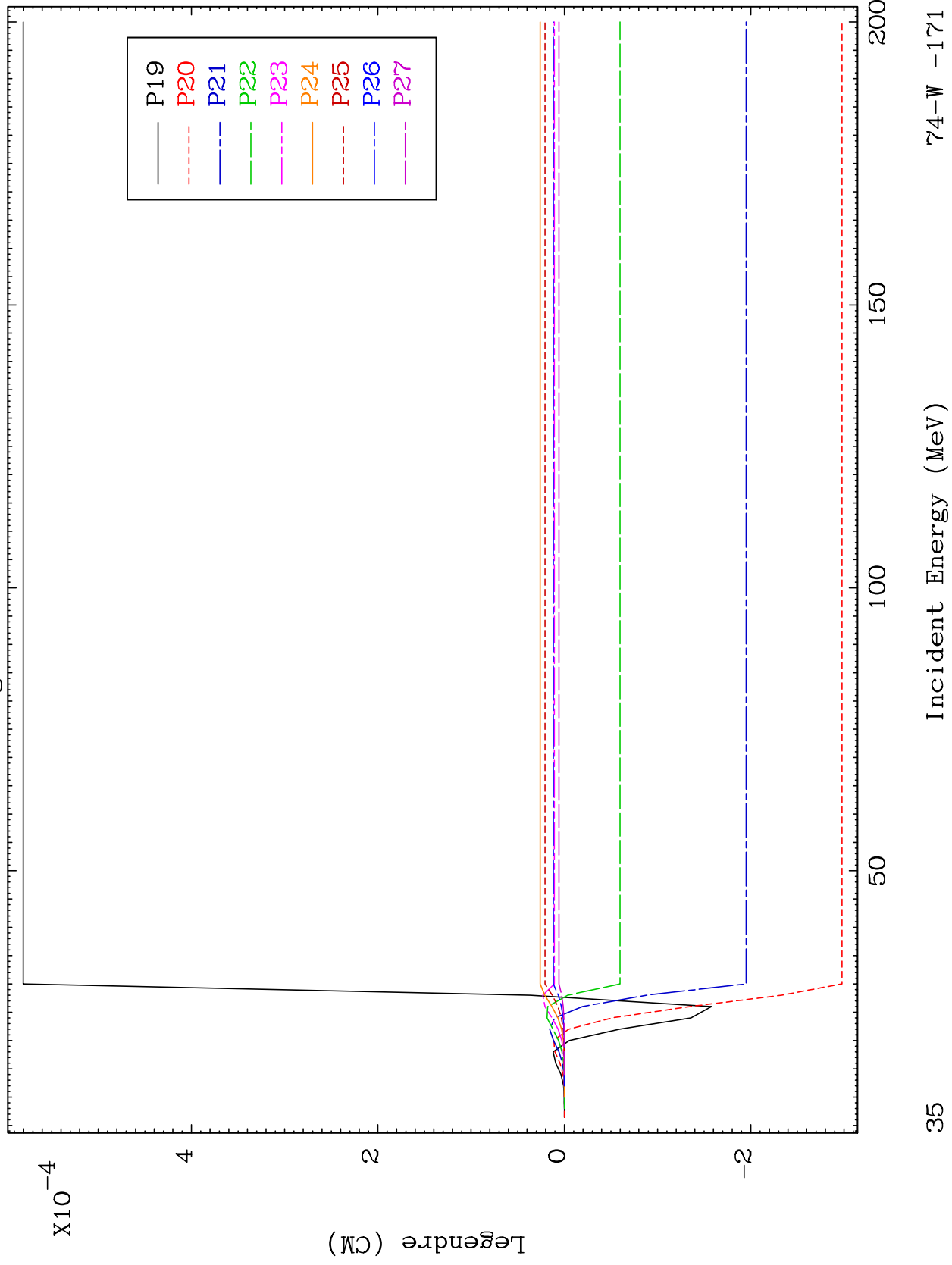
Incident Energy (MeV)

74-W -171

MAT 7398

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

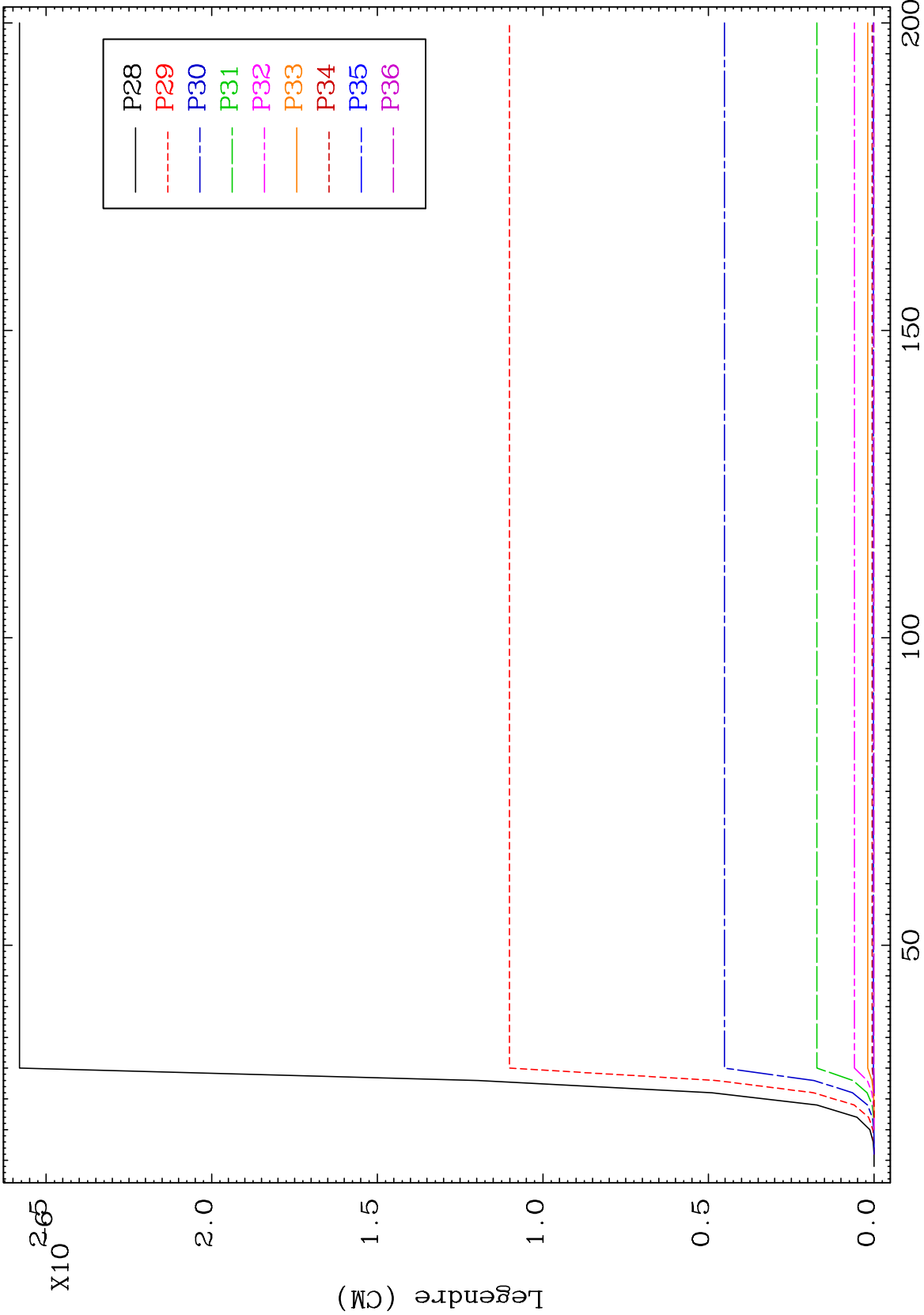
74-W -171



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Incident Energy (MeV)

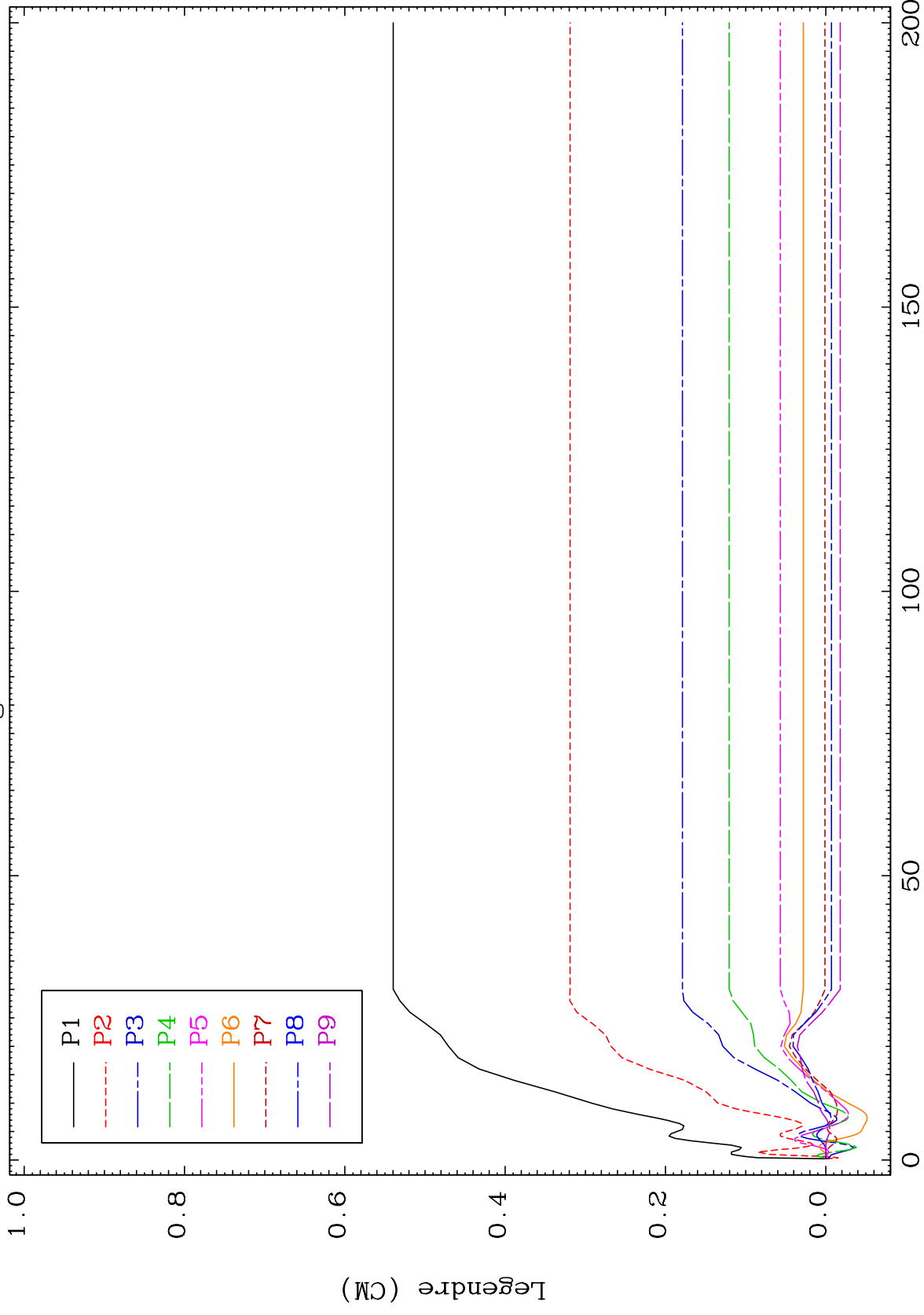
74-W -171



MAT 7398

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

74-W -171



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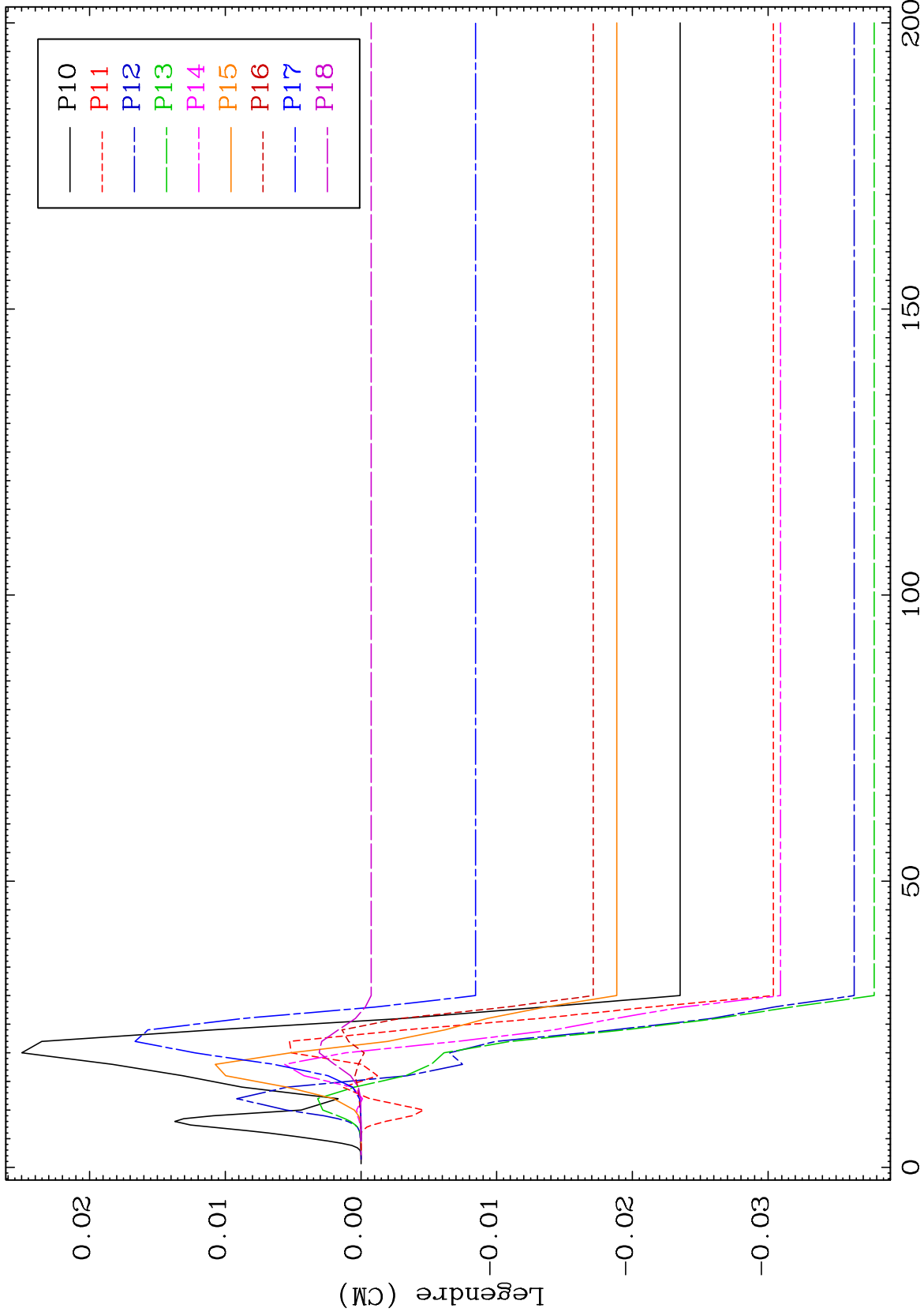
Incident Energy (MeV)

74-W -171

MAT 7398

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

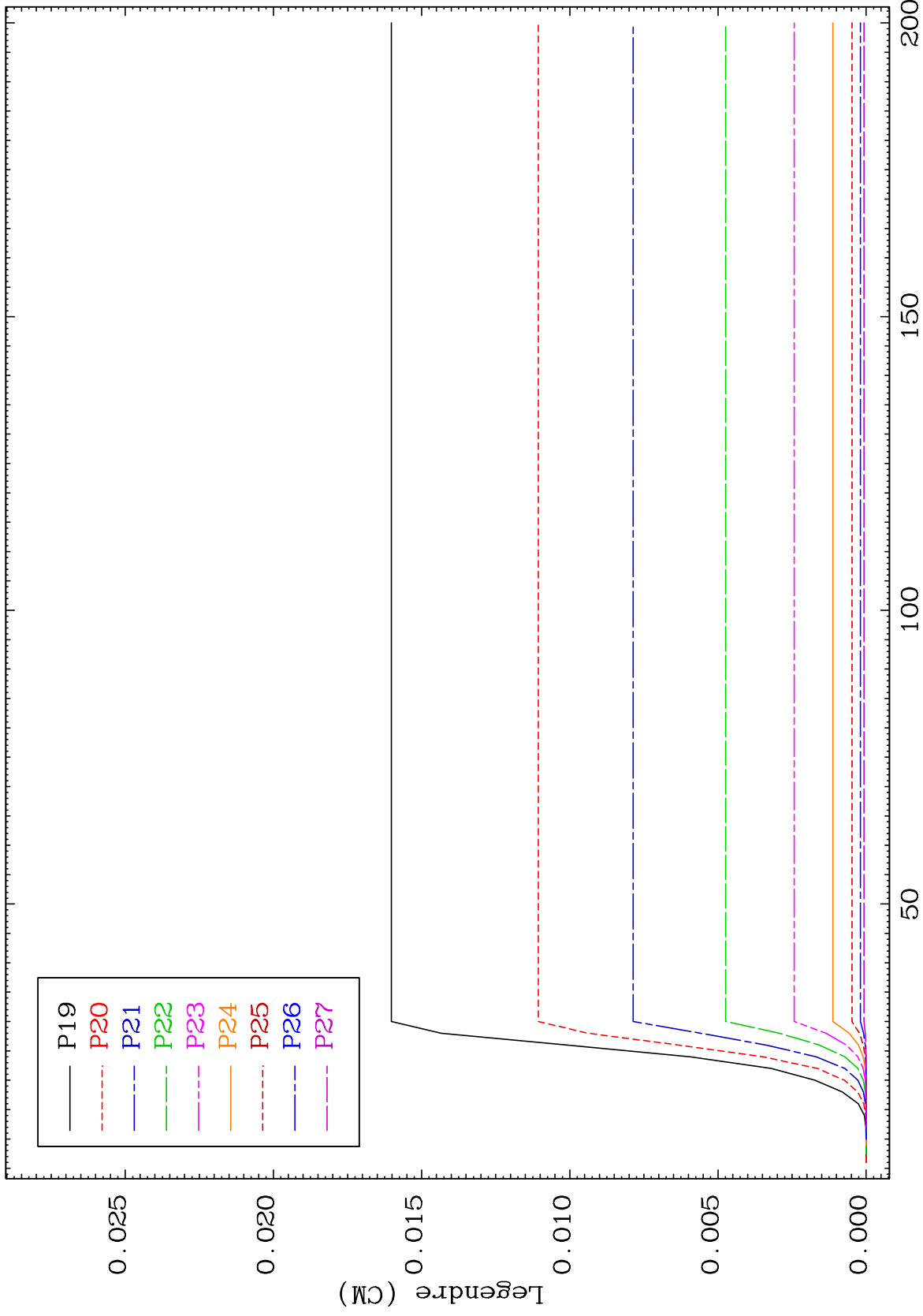
74-W -171



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Incident Energy (MeV)

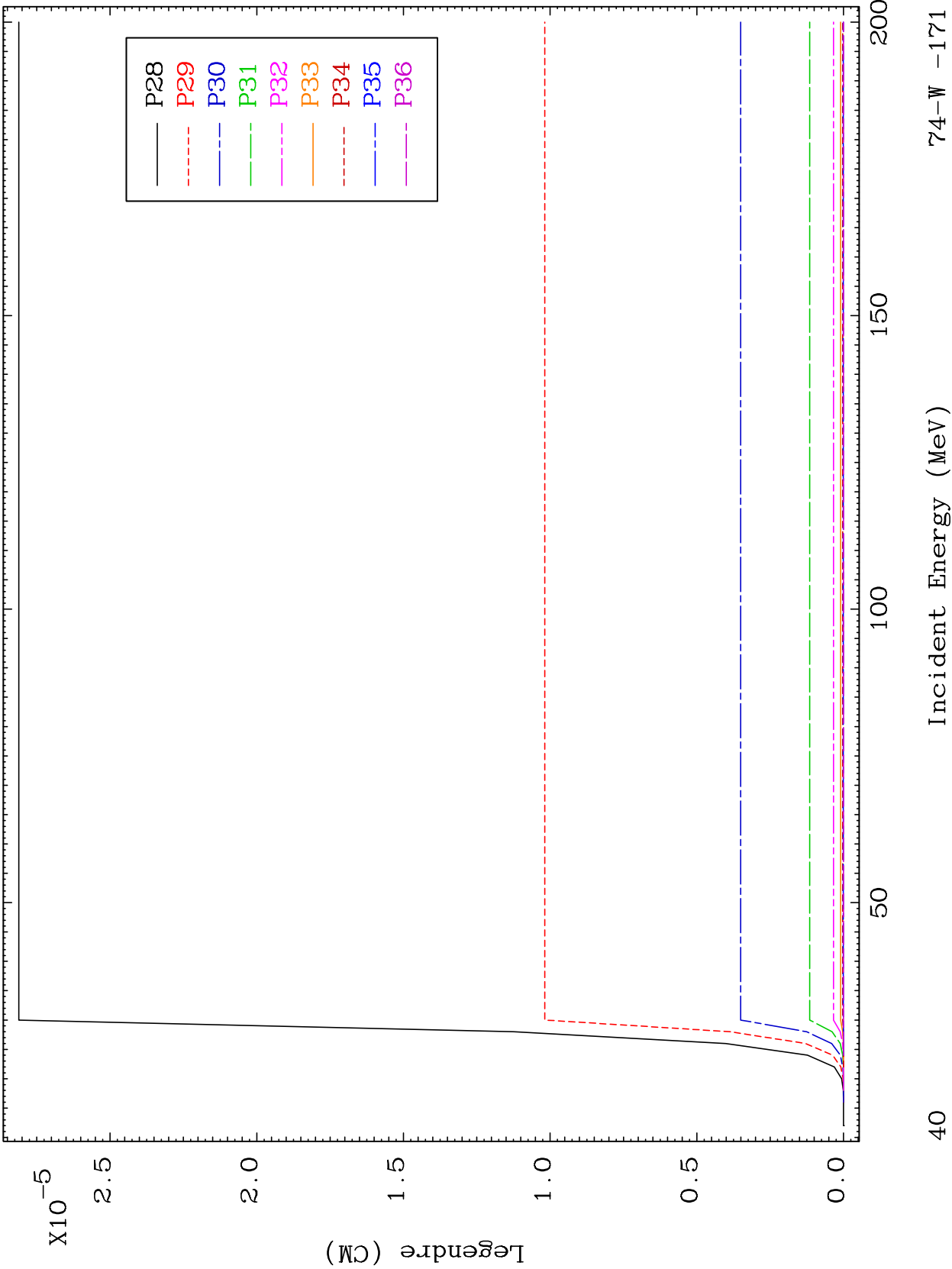
74-W -171



MAT 7398

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

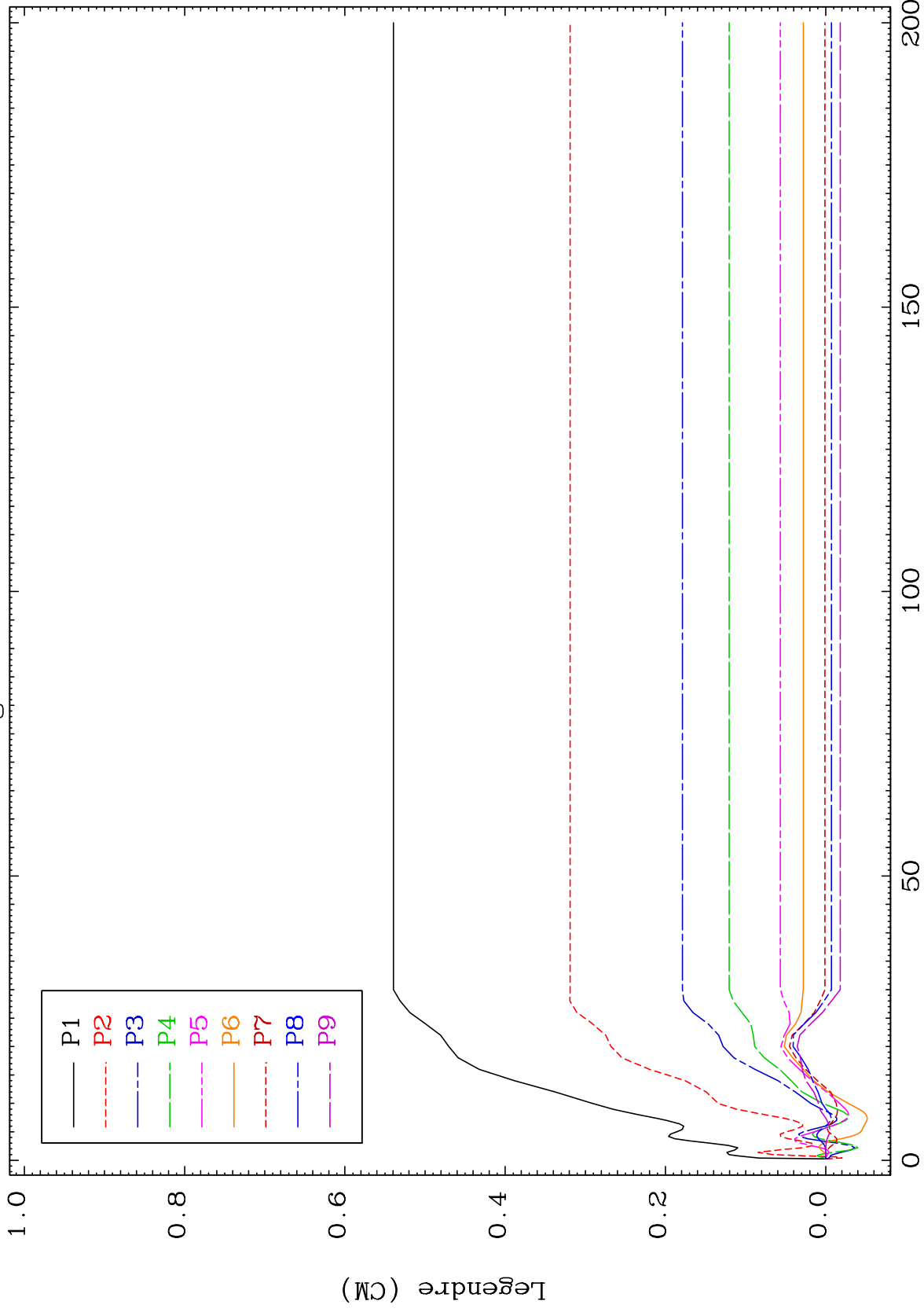
74-W -171



74-W -171

Incident Energy (MeV)

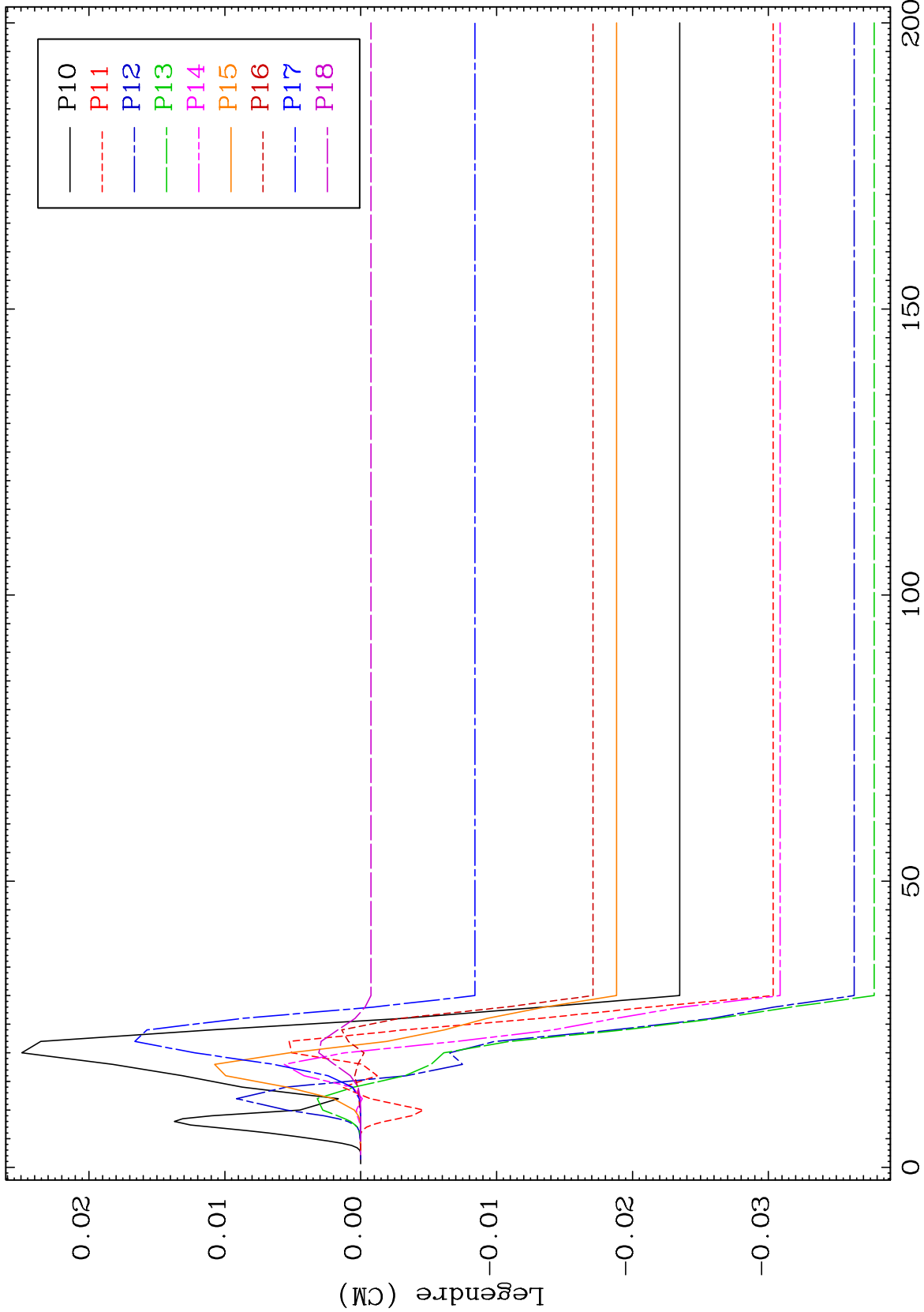
40



MAT 7398

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

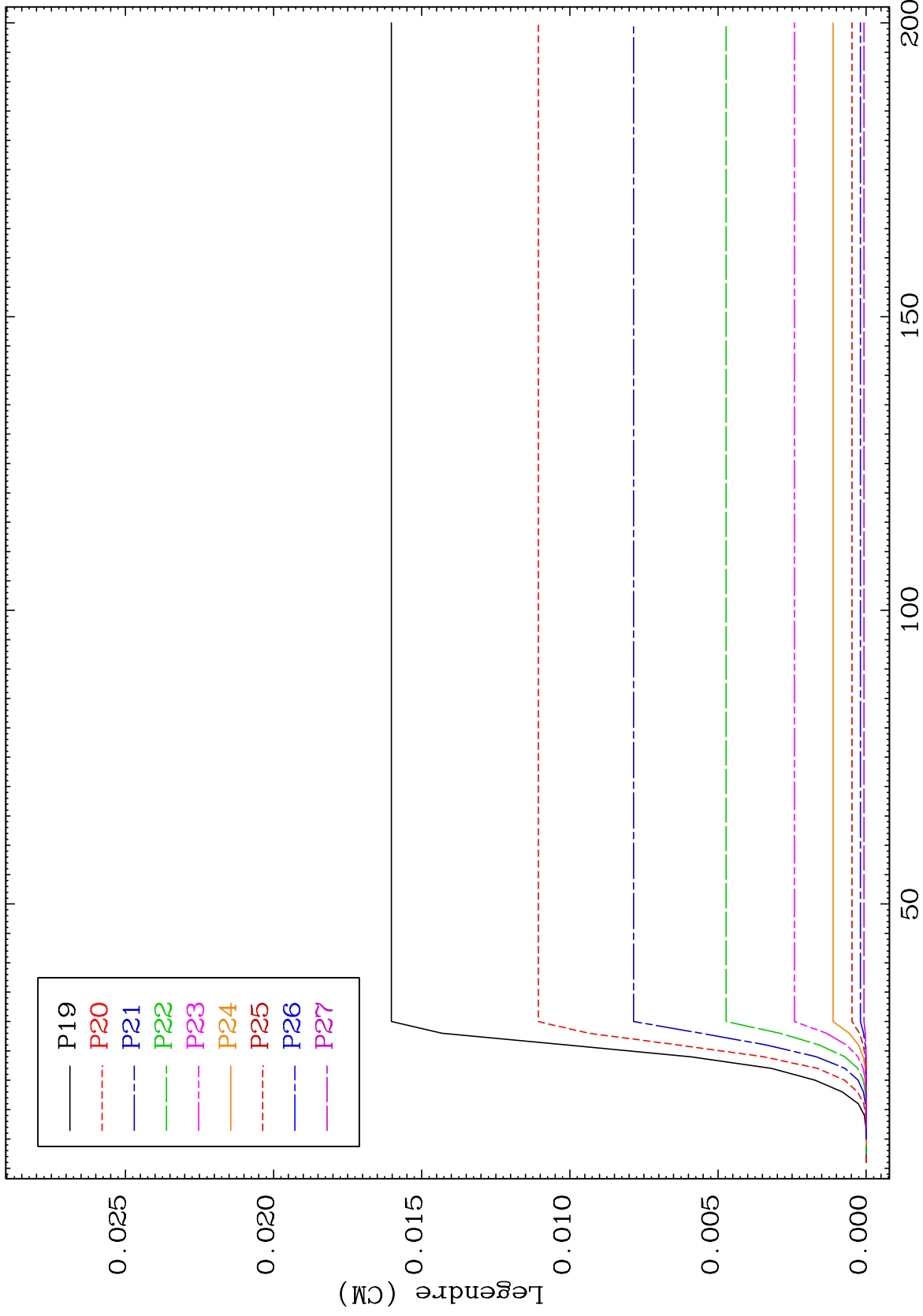
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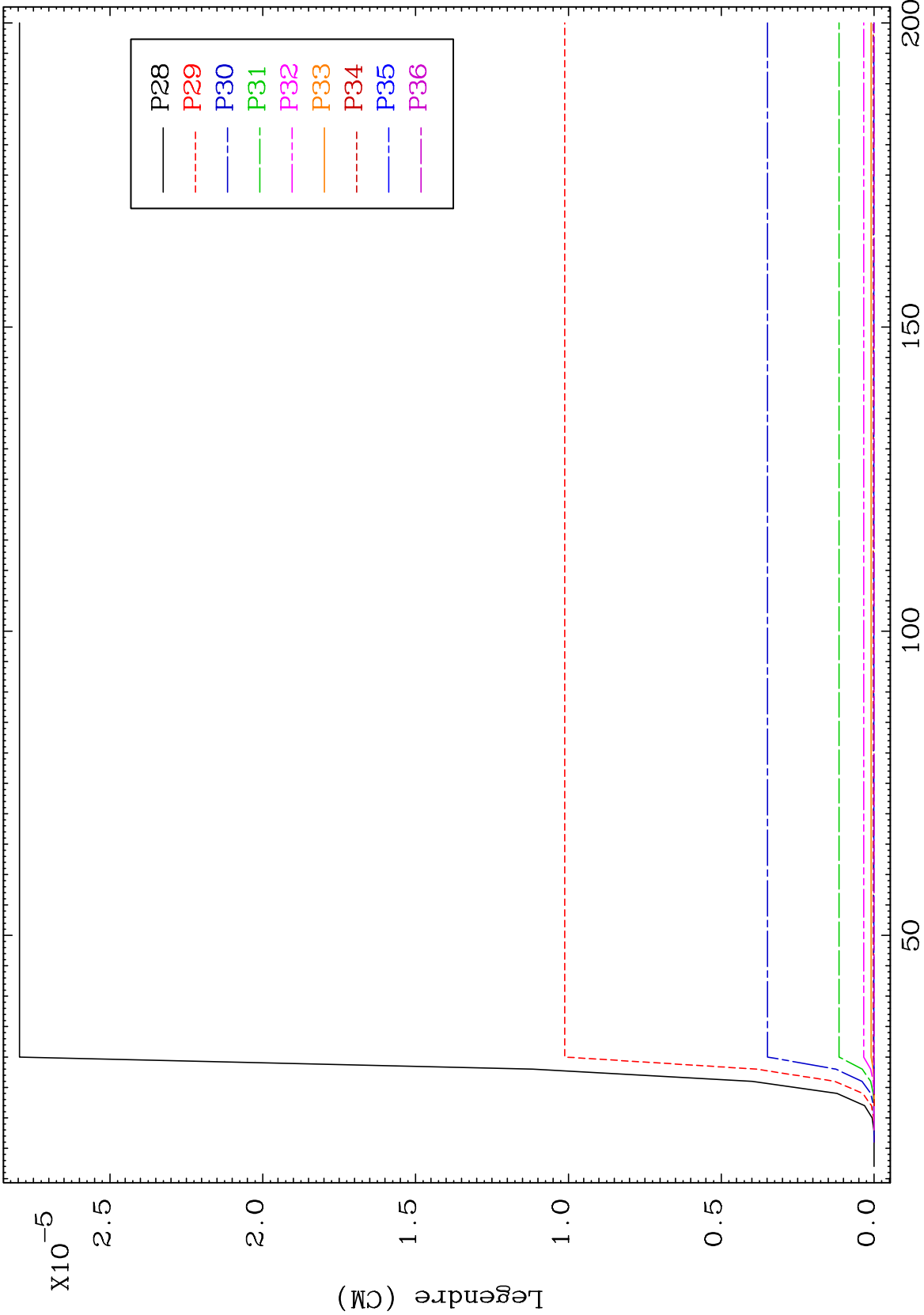


42

Incident Energy (MeV)

74-W -171

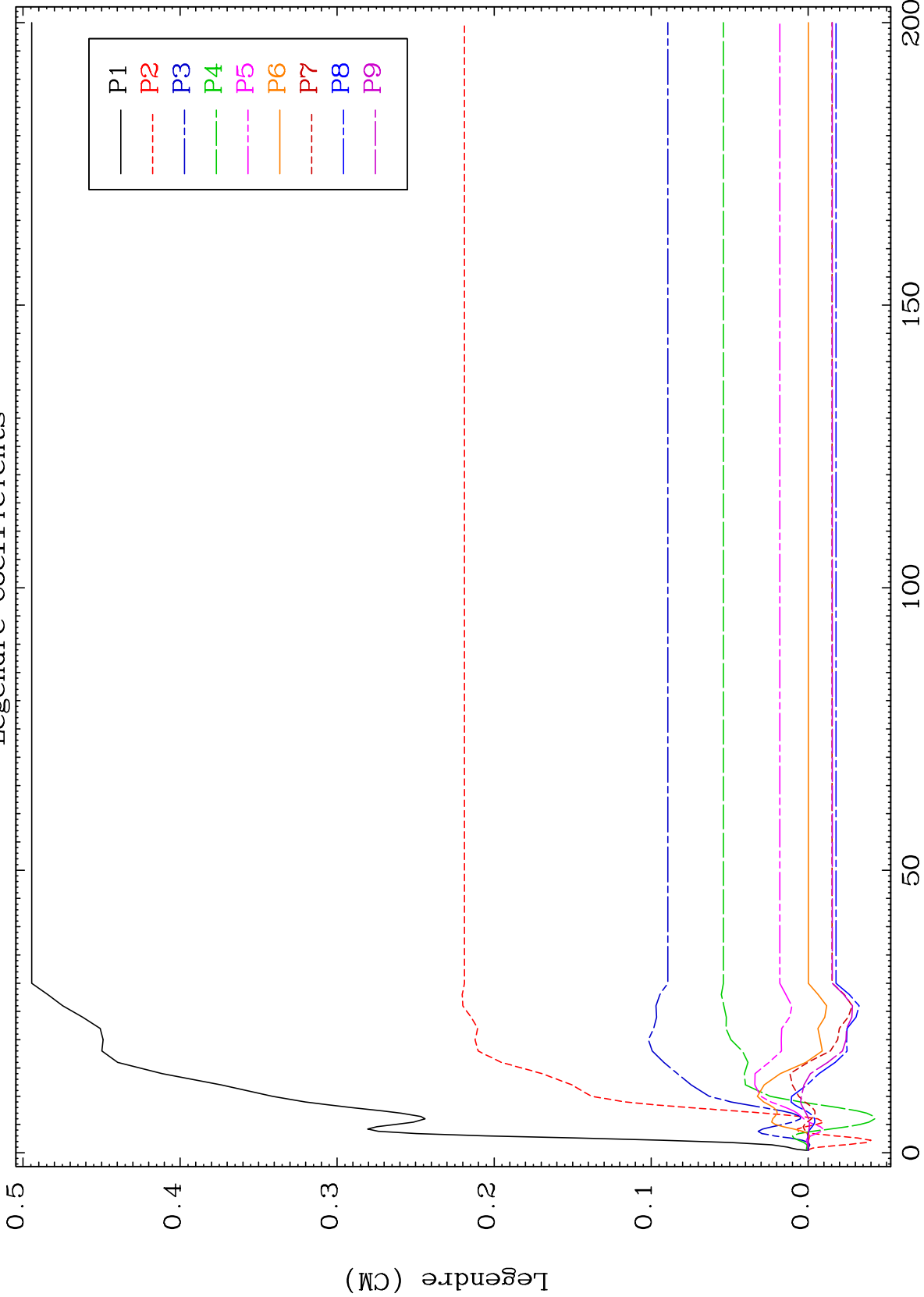




MAT 7398

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

74-W -171



74-W -171

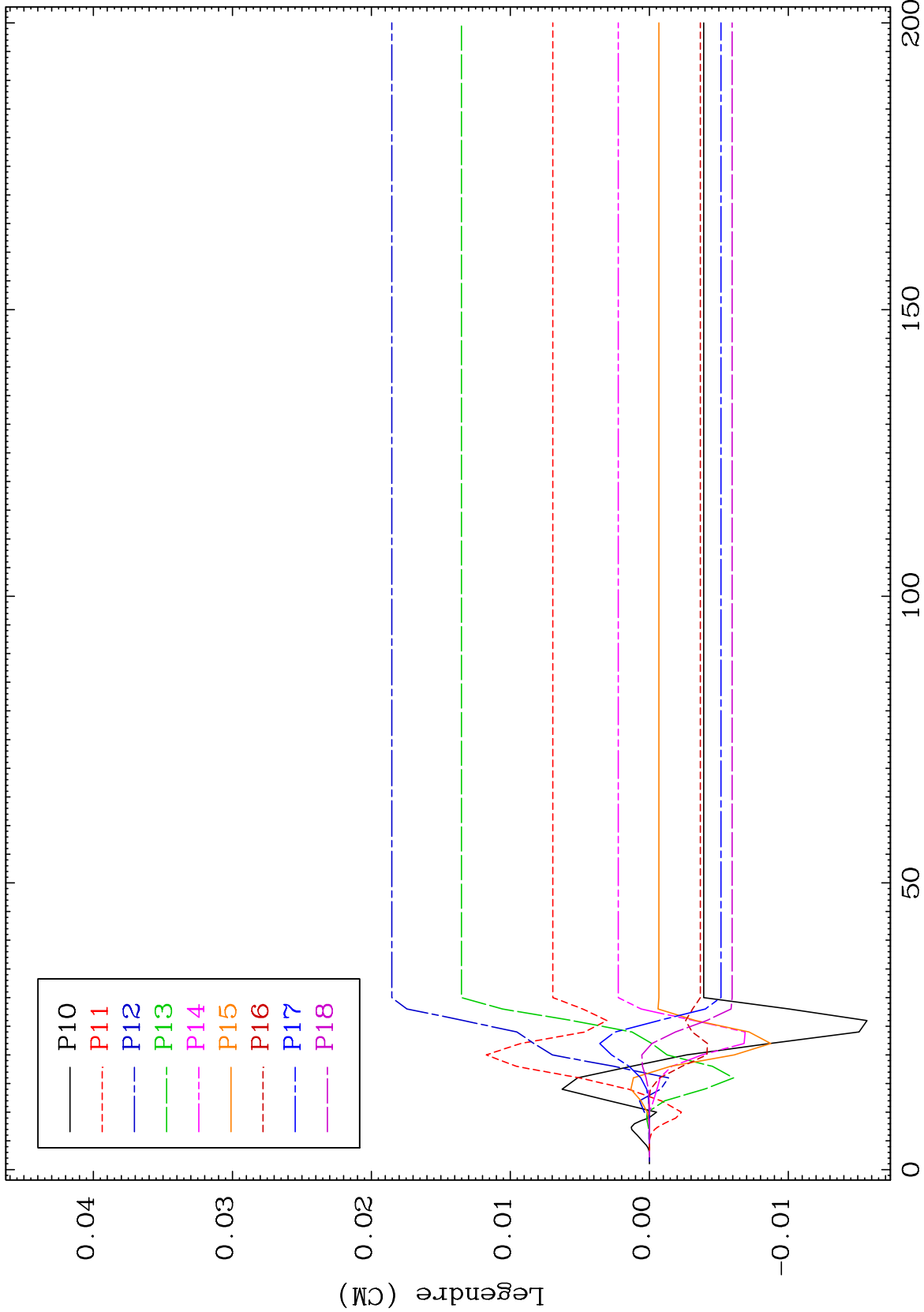
Incident Energy (MeV)

45

MAT 7398

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

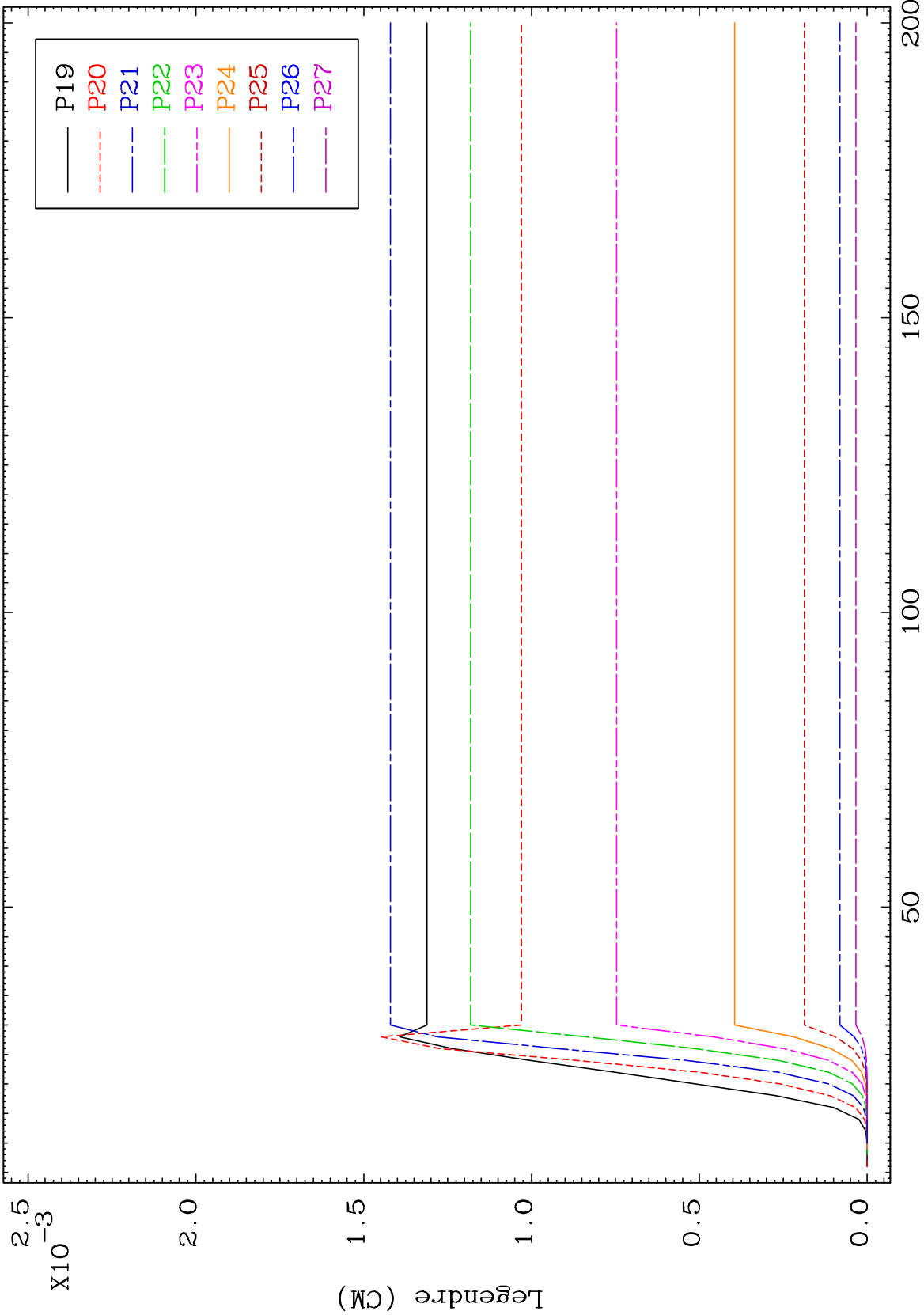
74-W -171



46

Incident Energy (MeV)

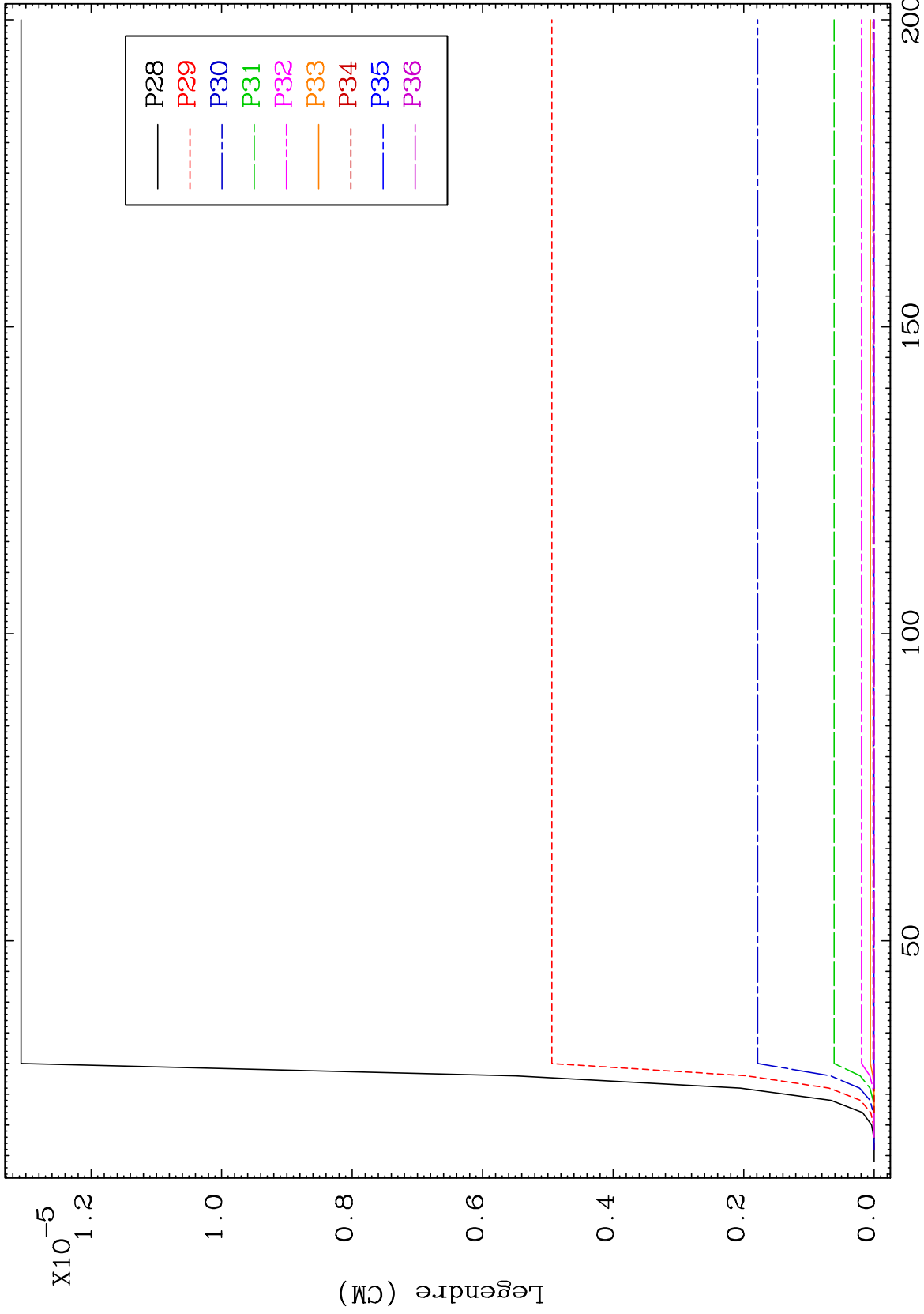
74-W -171



MAT 7398

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

74-W -171



48

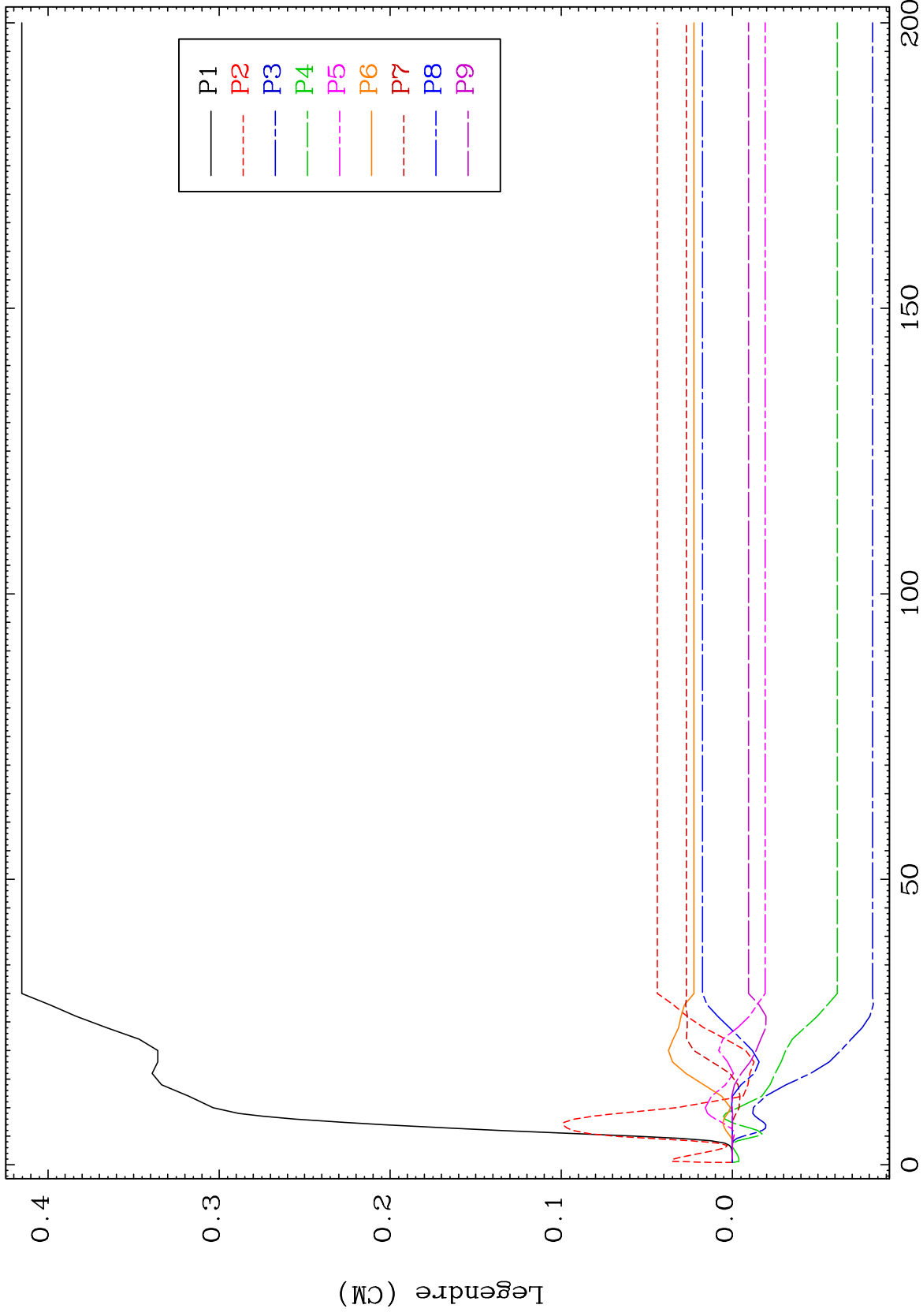
Incident Energy (MeV)

74-W -171

MAT 7398

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

74-W -171



49

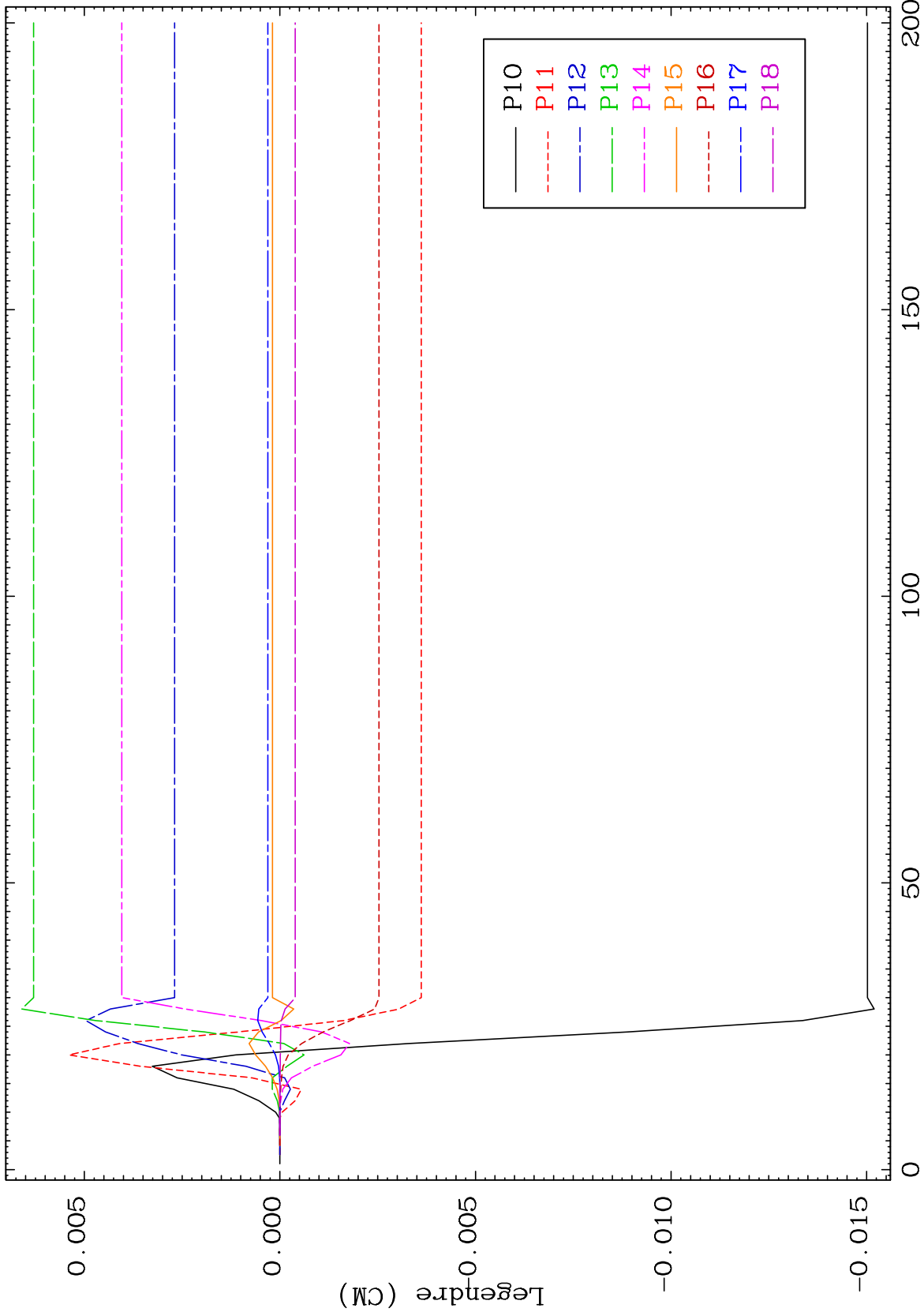
Incident Energy (MeV)

74-W -171

MAT 7398

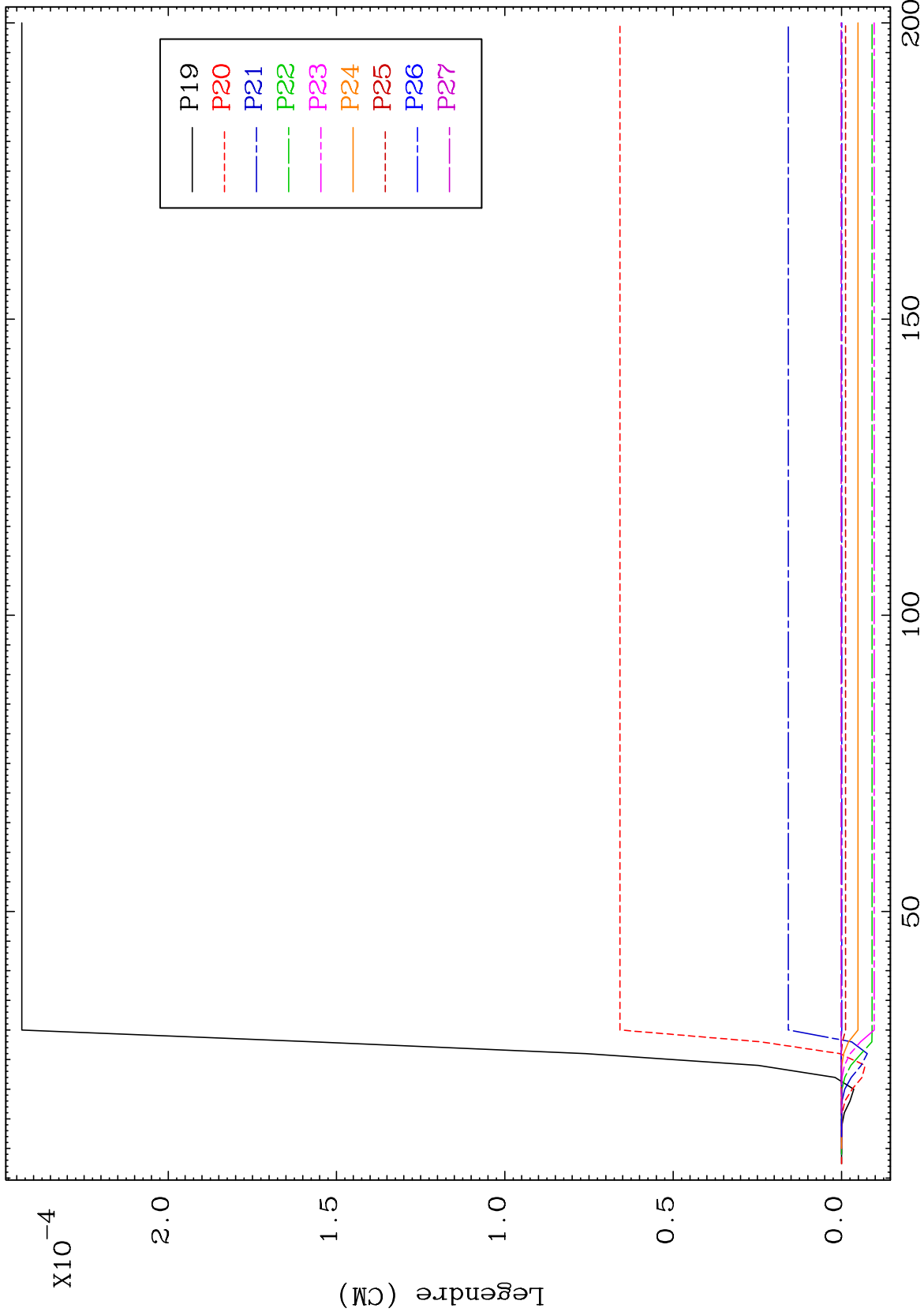
MT= 58 (n,n') Level
Legendre Coefficients

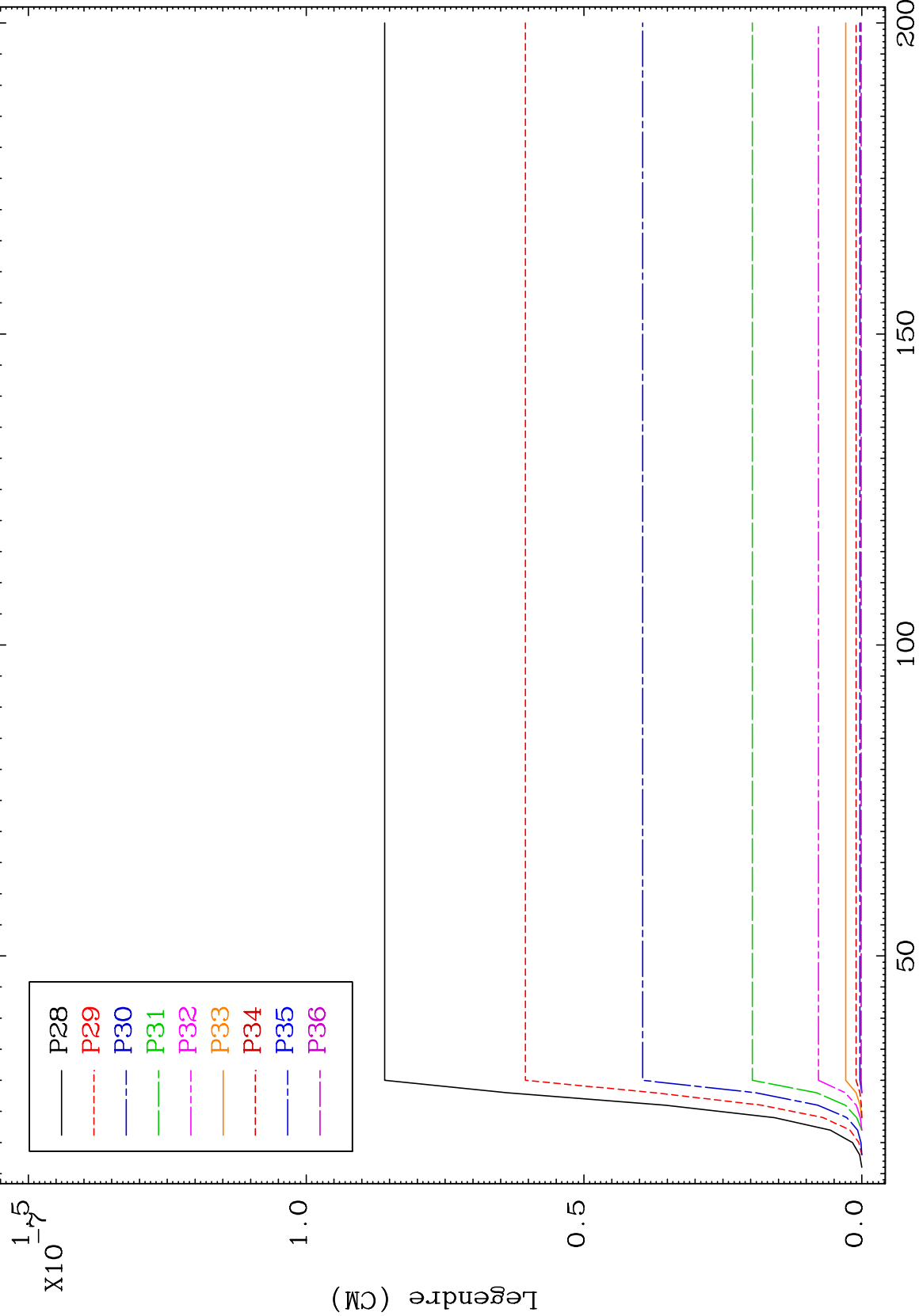
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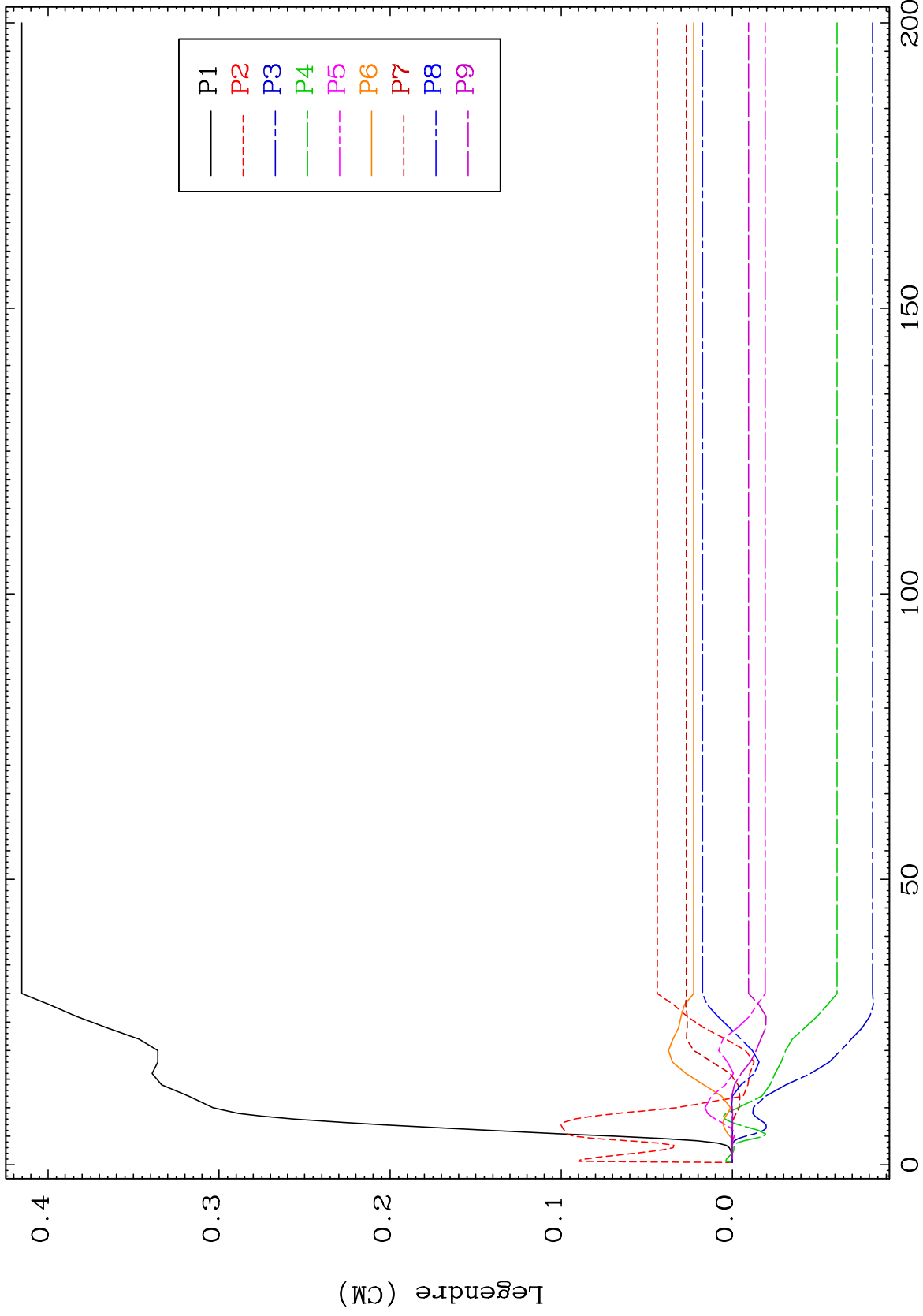


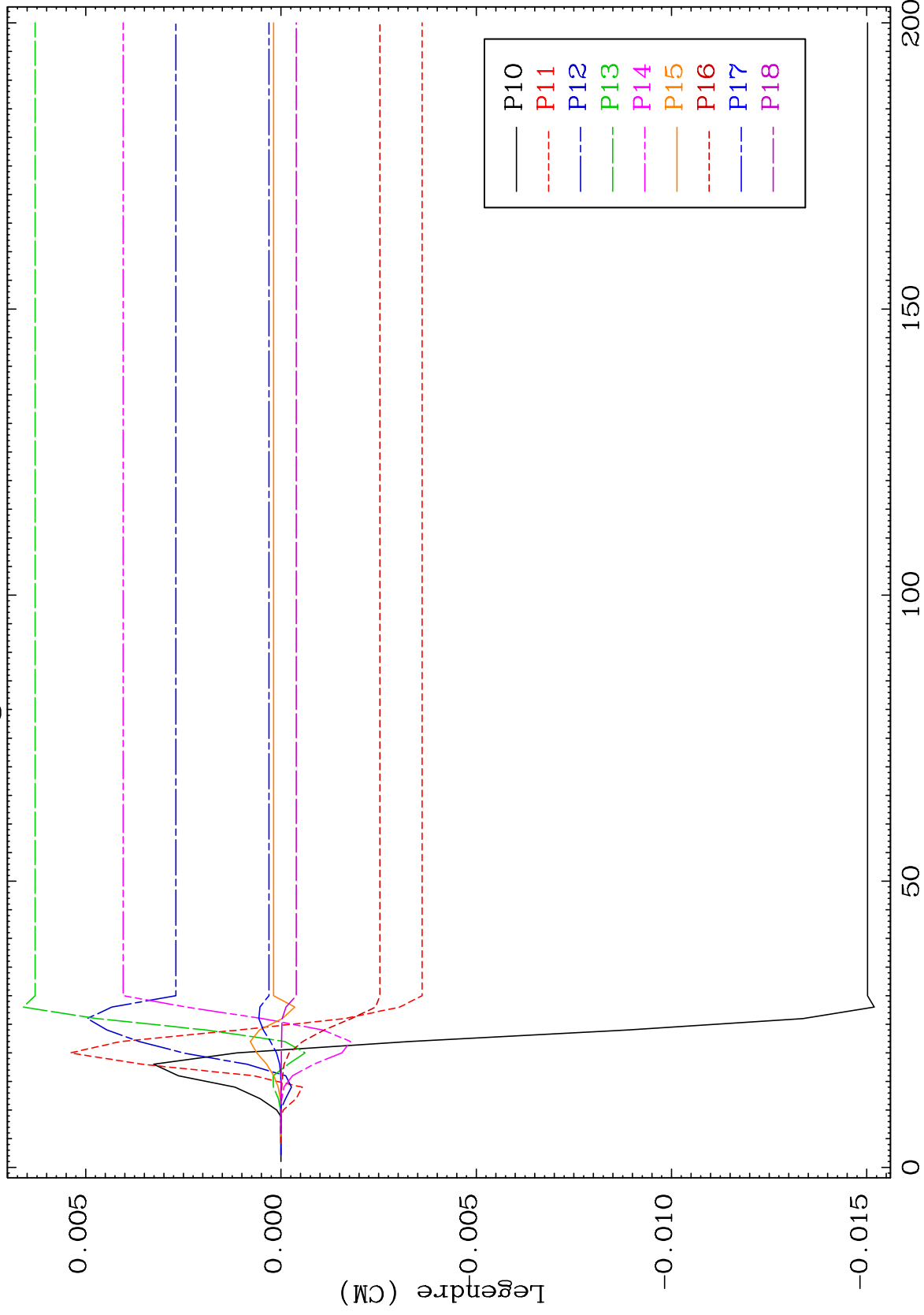
Incident Energy (MeV)

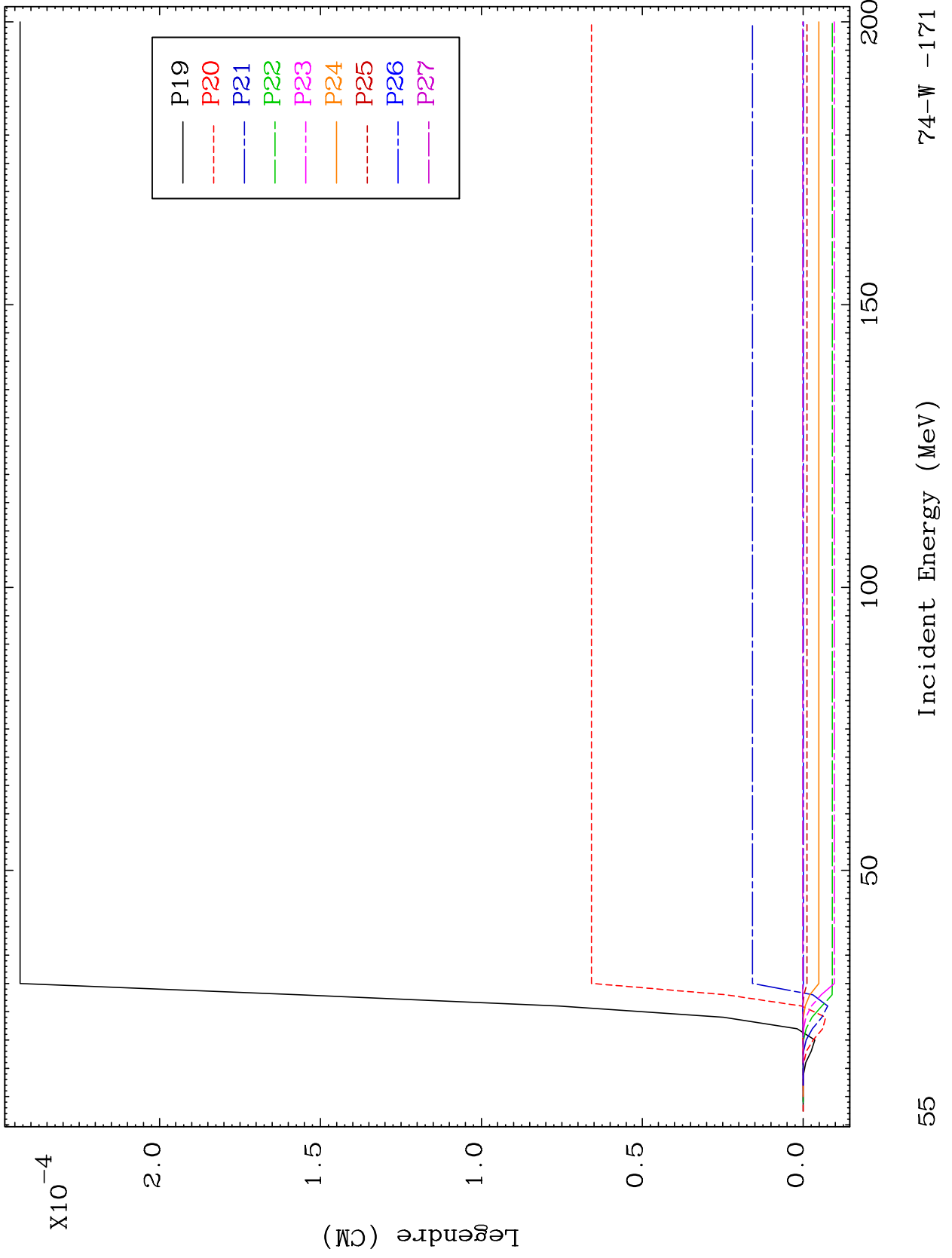
74-W -171

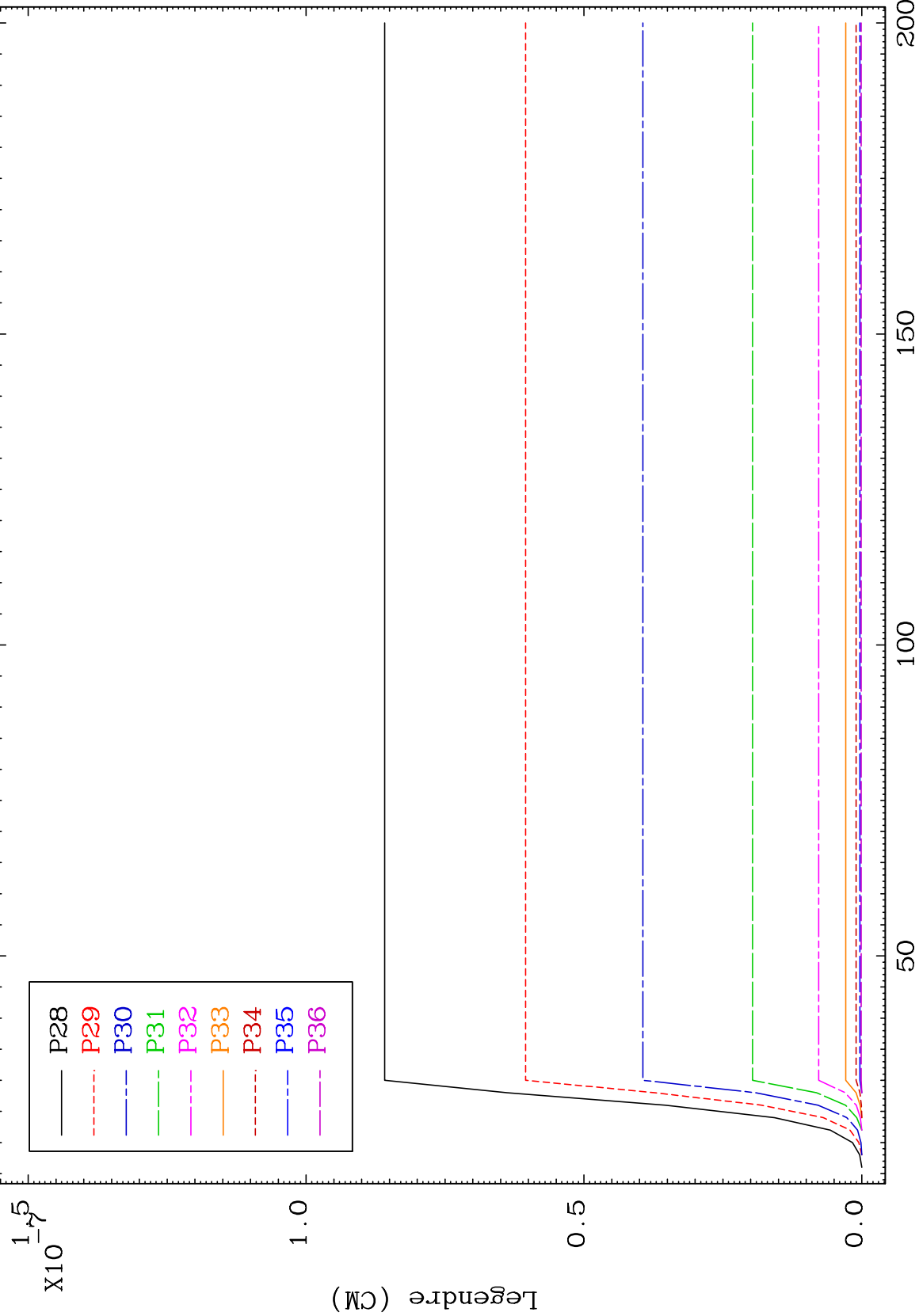








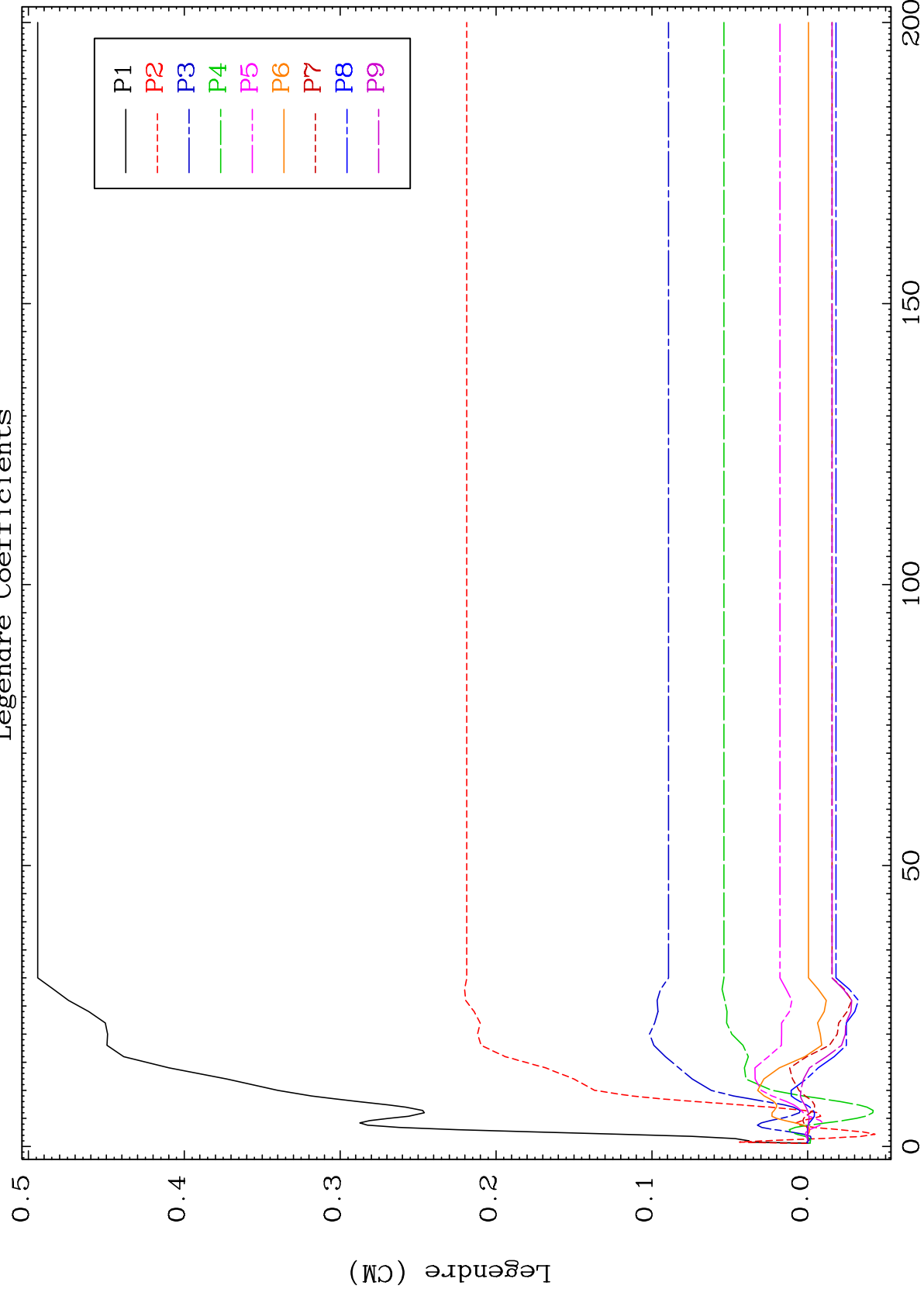




MAT 7398

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

74-W -171



57

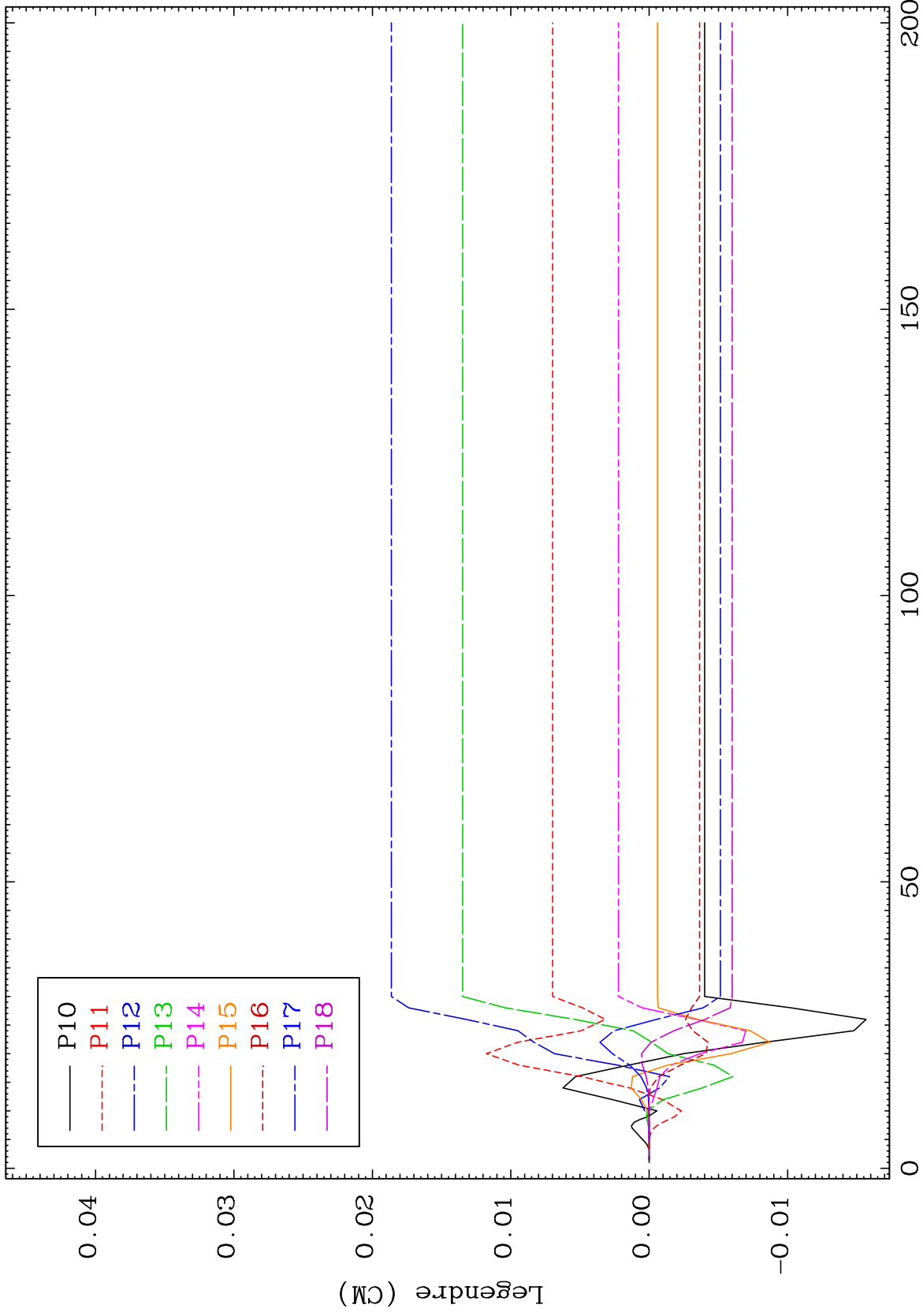
Incident Energy (MeV)

74-W -171

MAT 7398

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

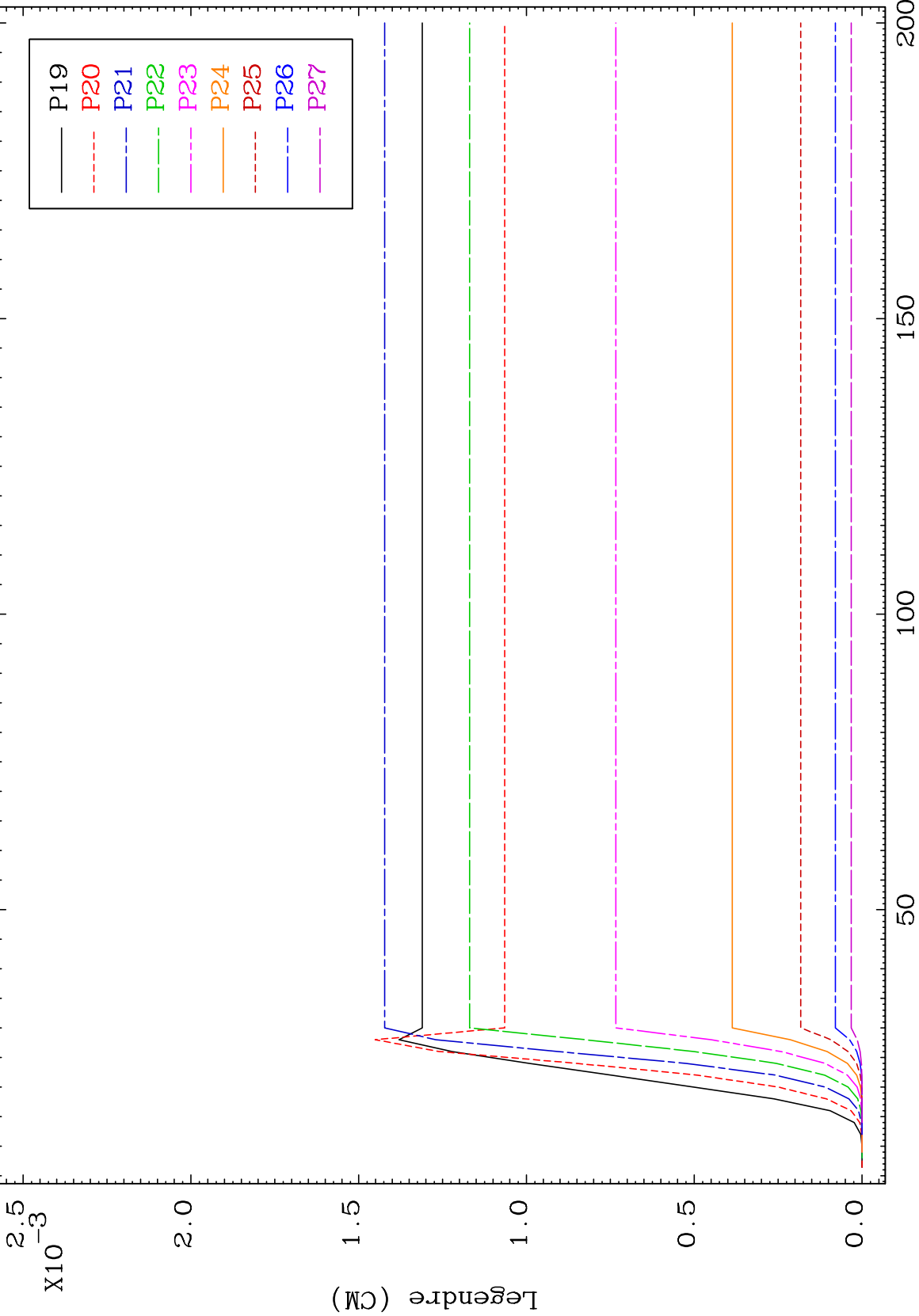
74-W -171



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Incident Energy (MeV)

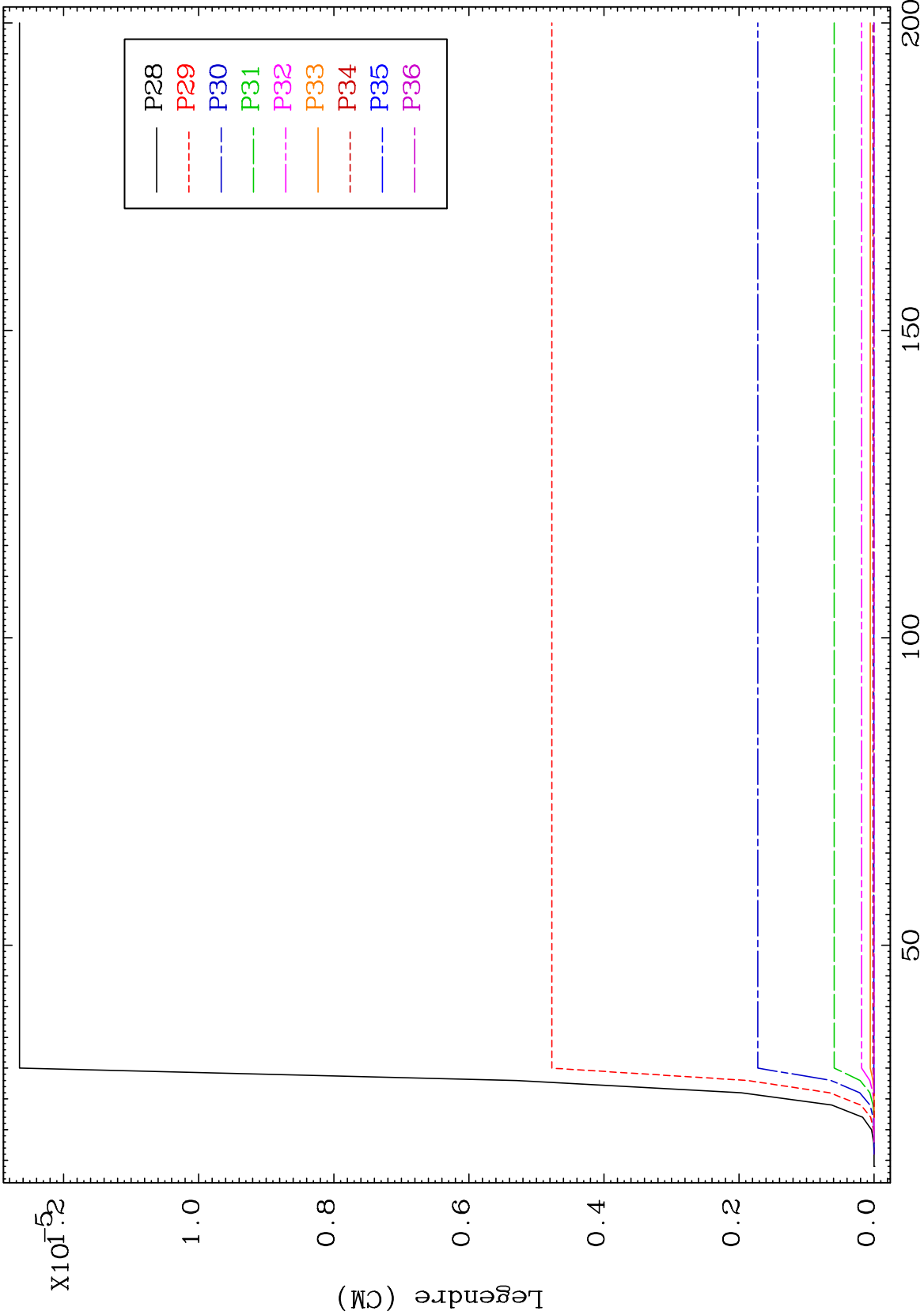
74-W -171



MAT 7398

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

74-W -171



60

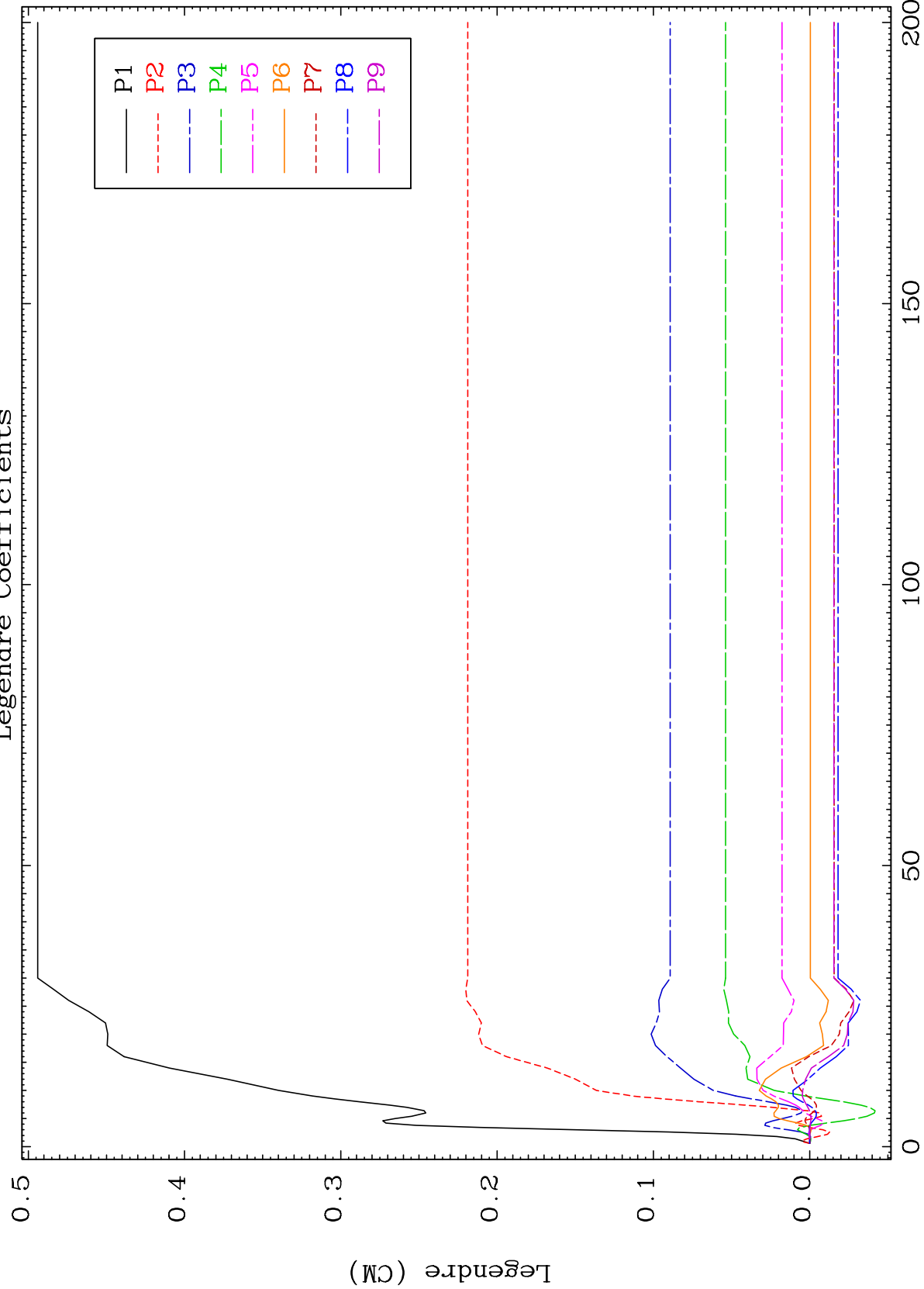
Incident Energy (MeV)

74-W -171

MAT 7398

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

74-W -171



61

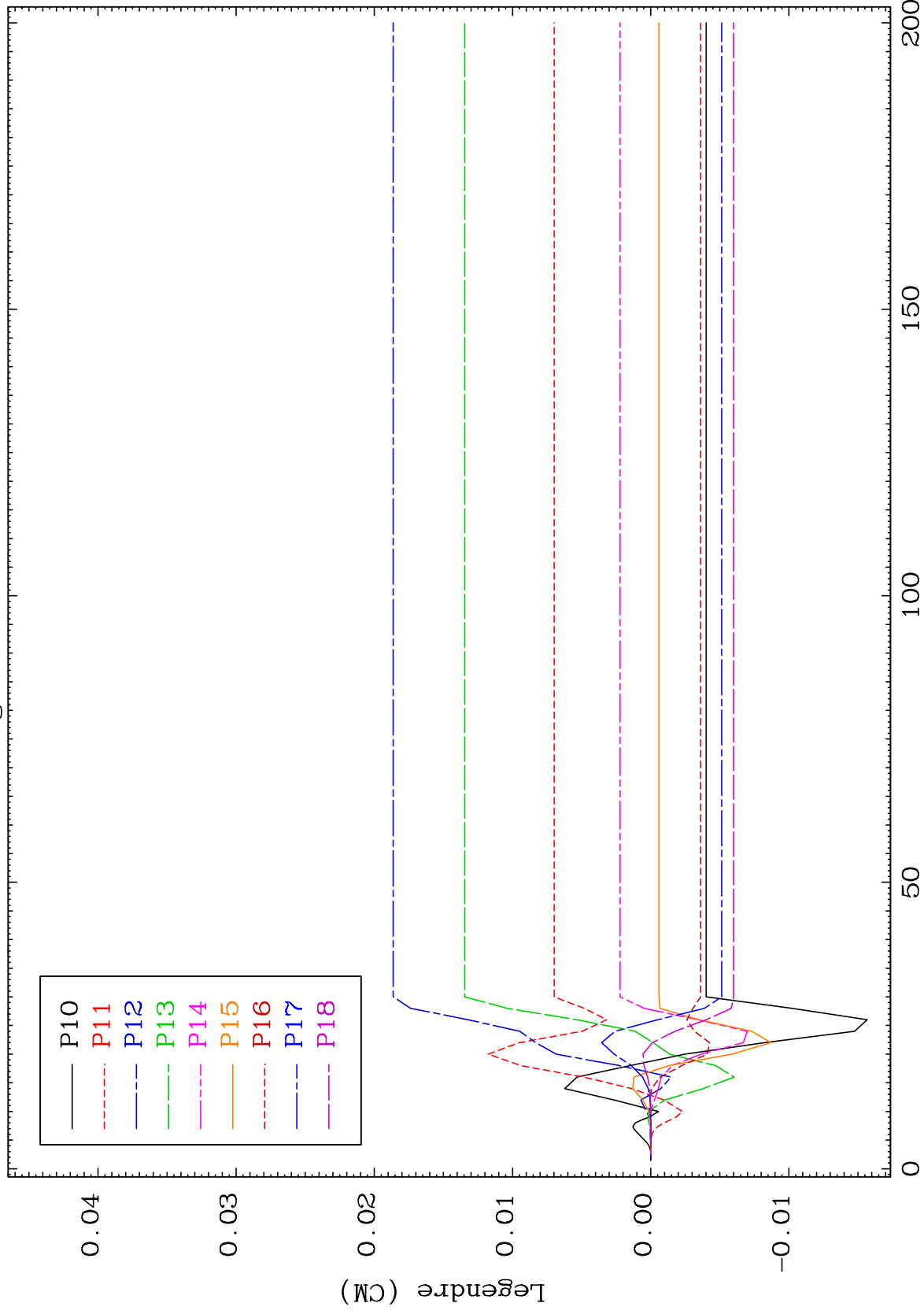
Incident Energy (MeV)

74-W -171

MAT 7398

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

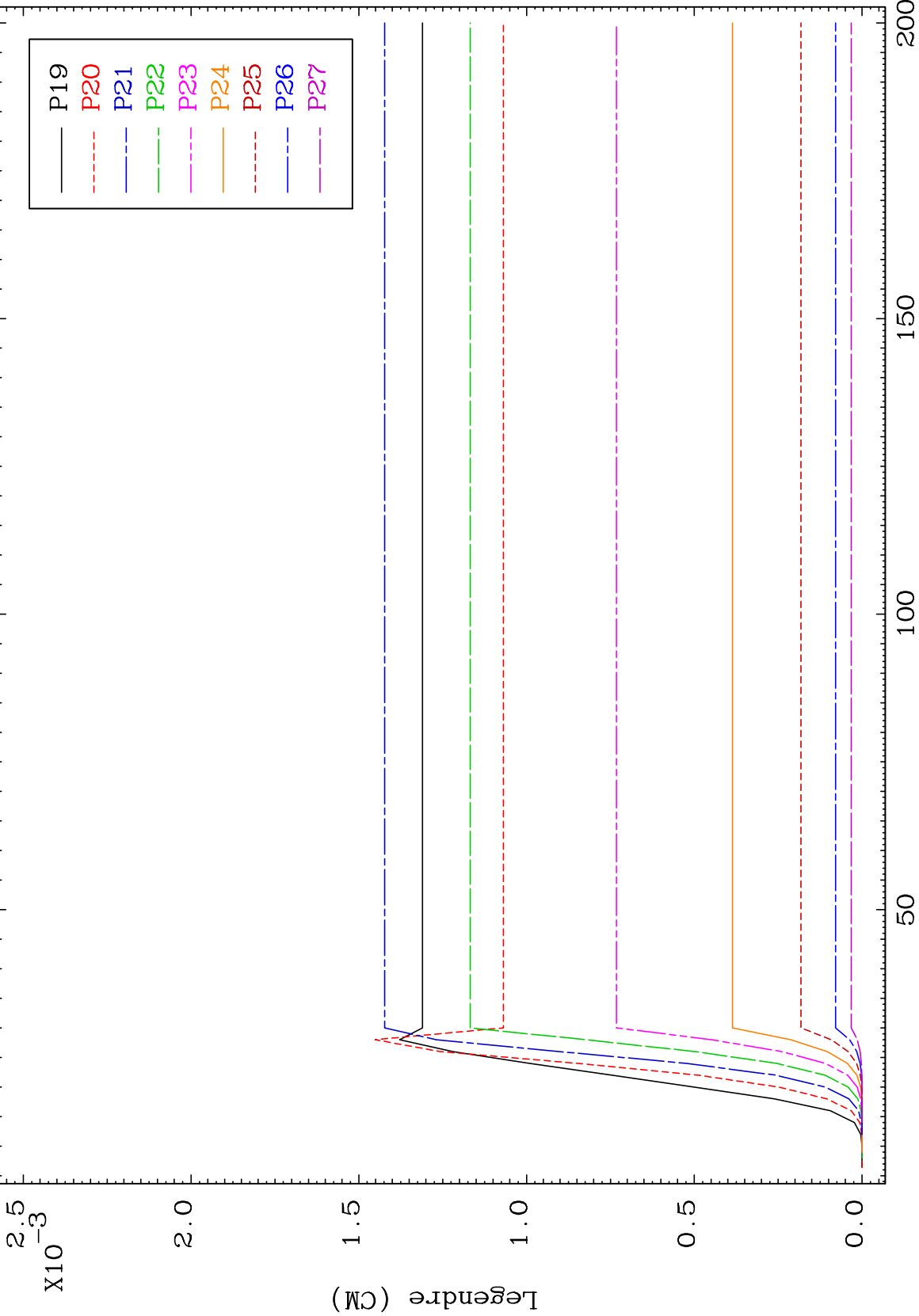
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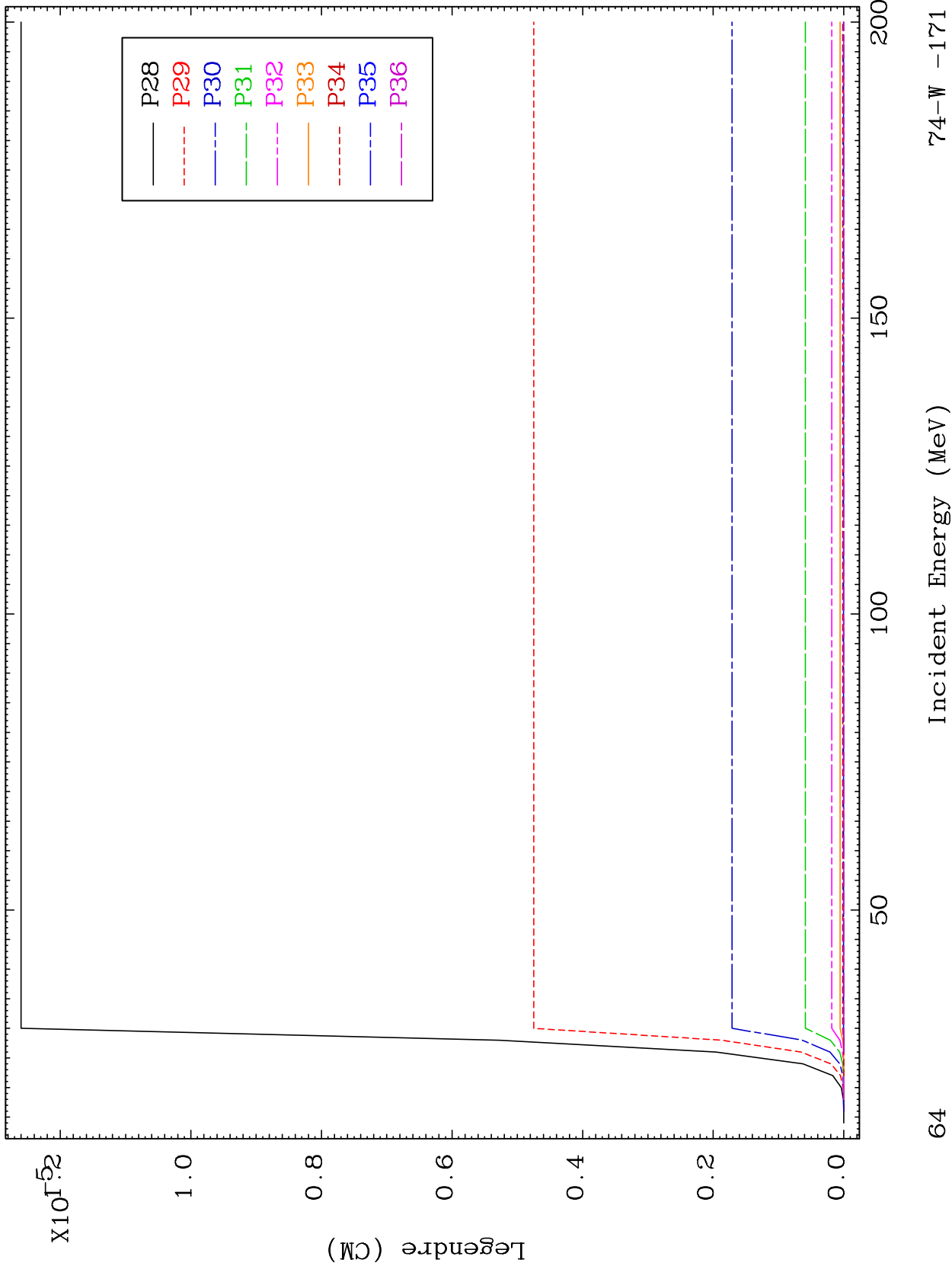


62

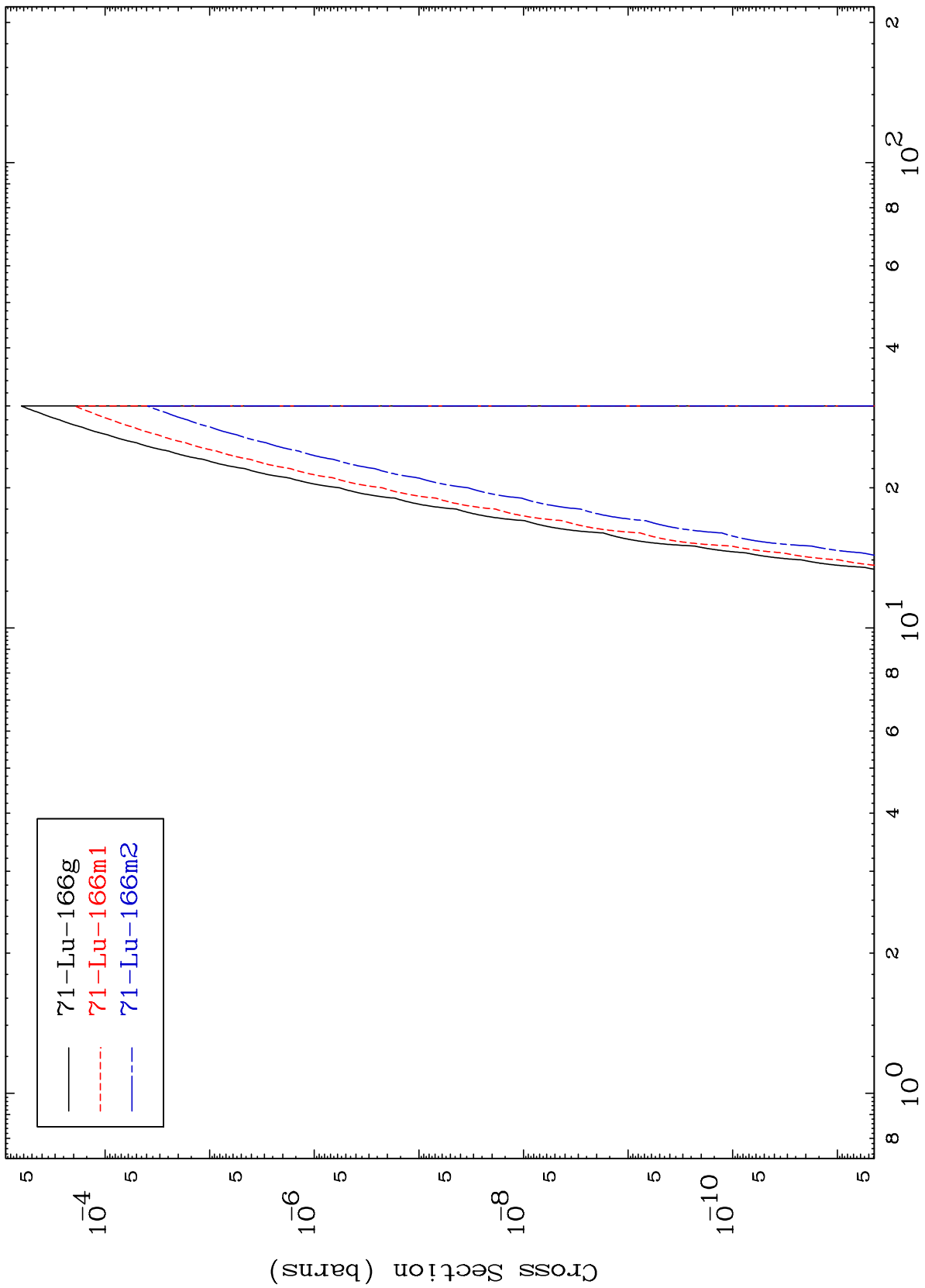
Incident Energy (MeV)

74-W -171

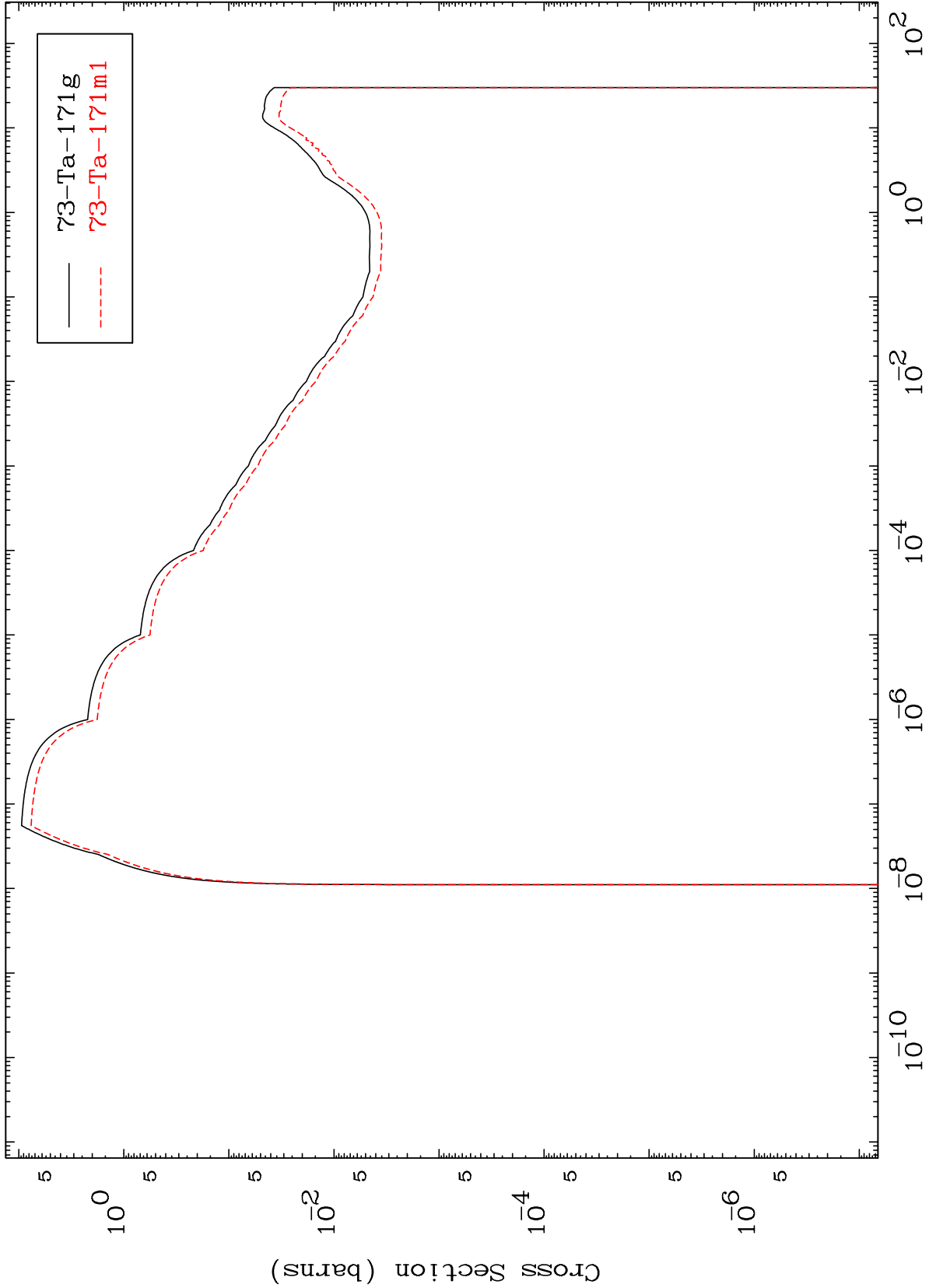




Radionuclide Production Cross Section



(n,p)
Radionuclide Production Cross Section



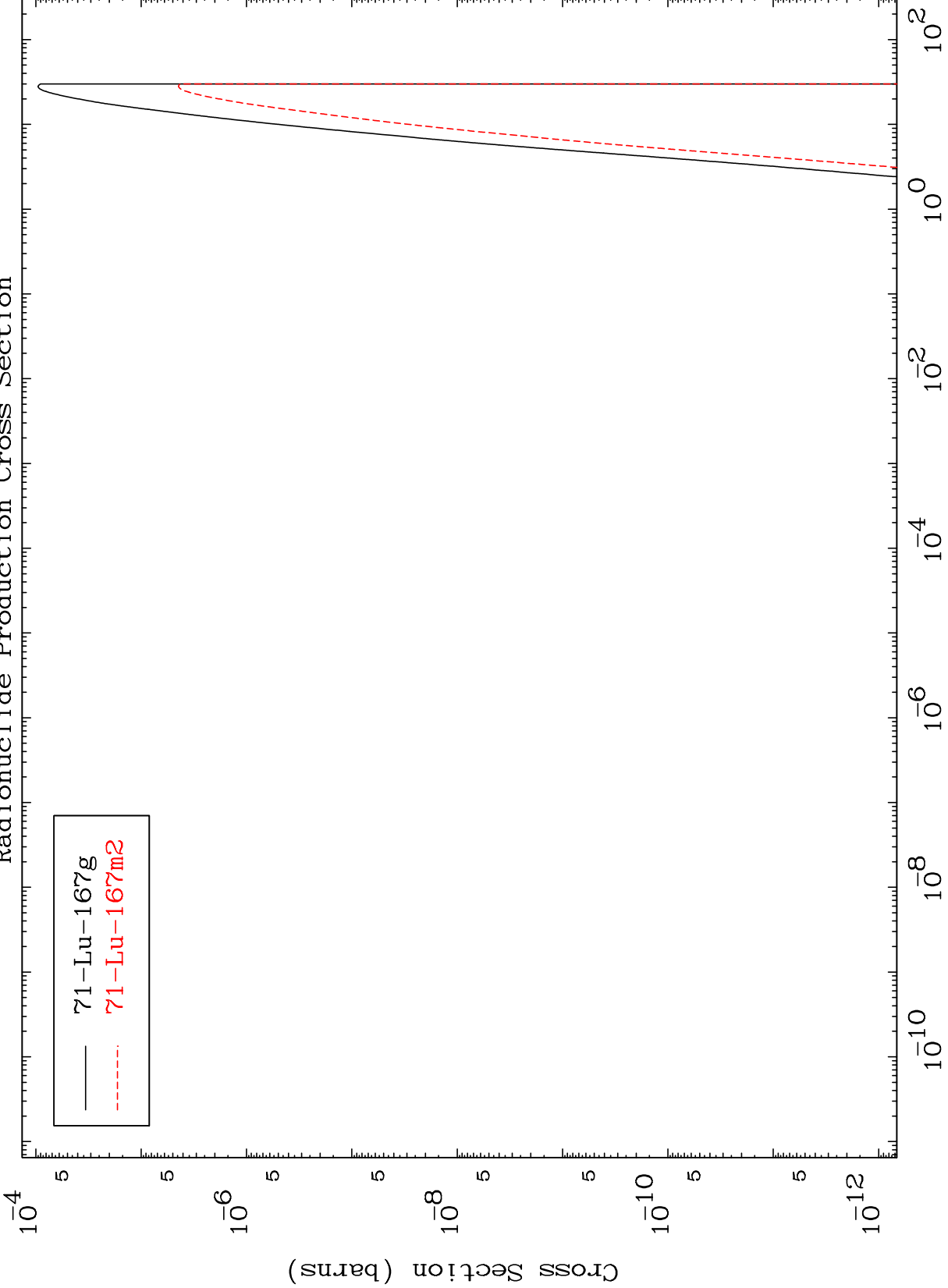
— 73-Ta-171g
- - - 73-Ta-171m1

MAT 7398

(n,p) α

74-W -171

Radionuclide Production Cross Section



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Incident Energy (MeV)

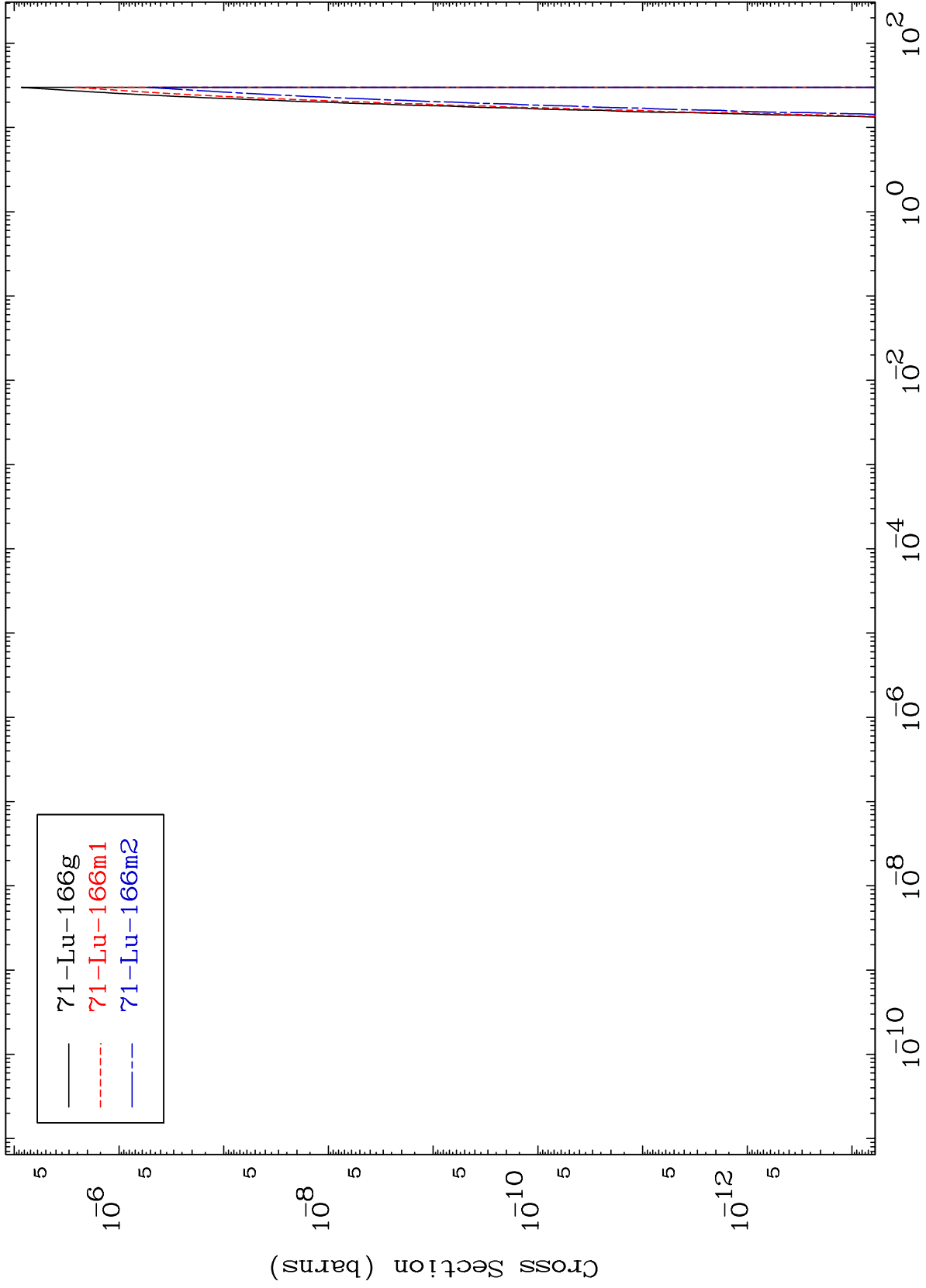
74-W -171

MAT 7398

(n,d) α

74-W -171

Radionuclide Production Cross Section



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Incident Energy (MeV)

74-W -171