

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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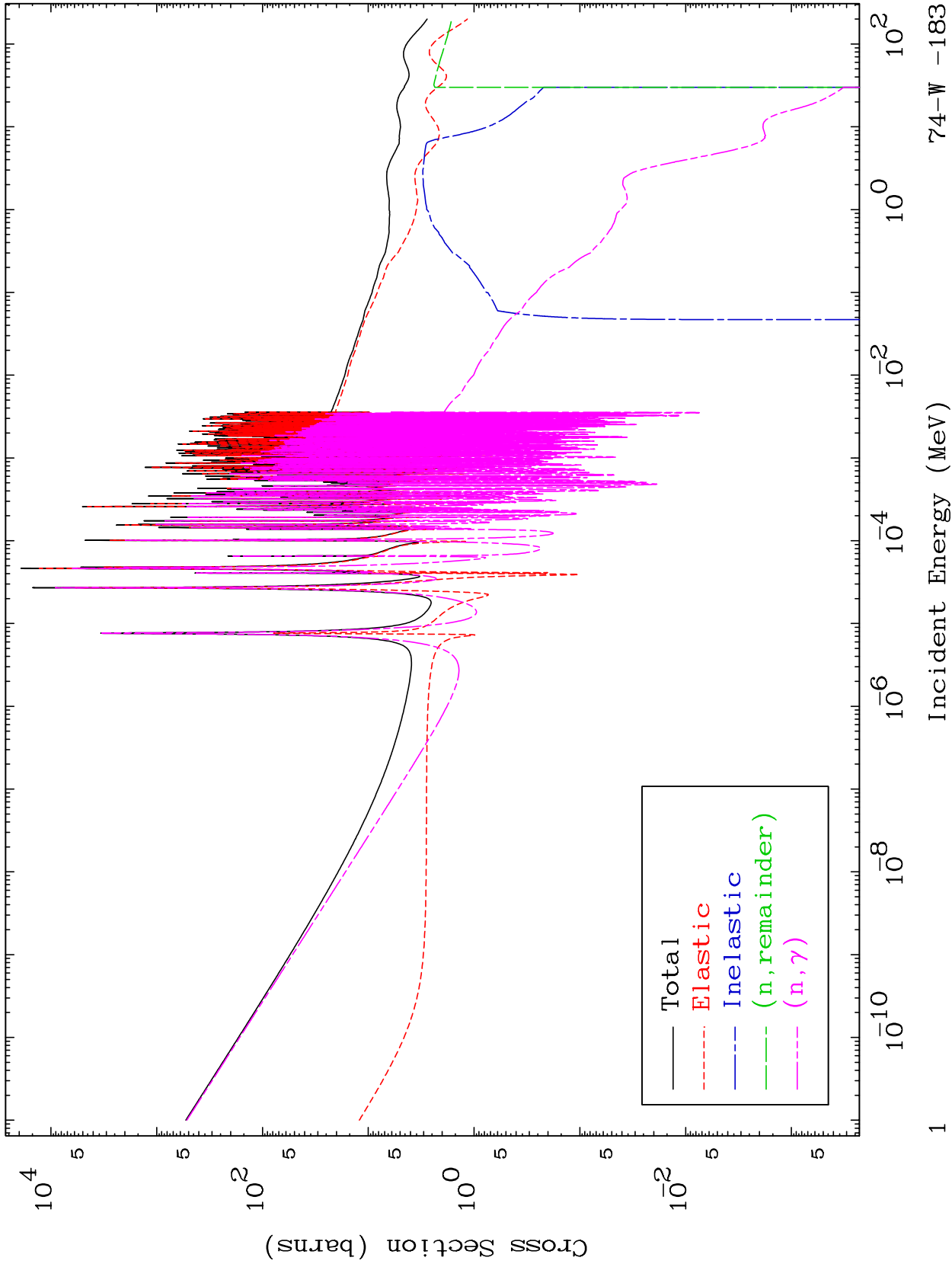
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7434

Major
293 Kelvin Cross Sections

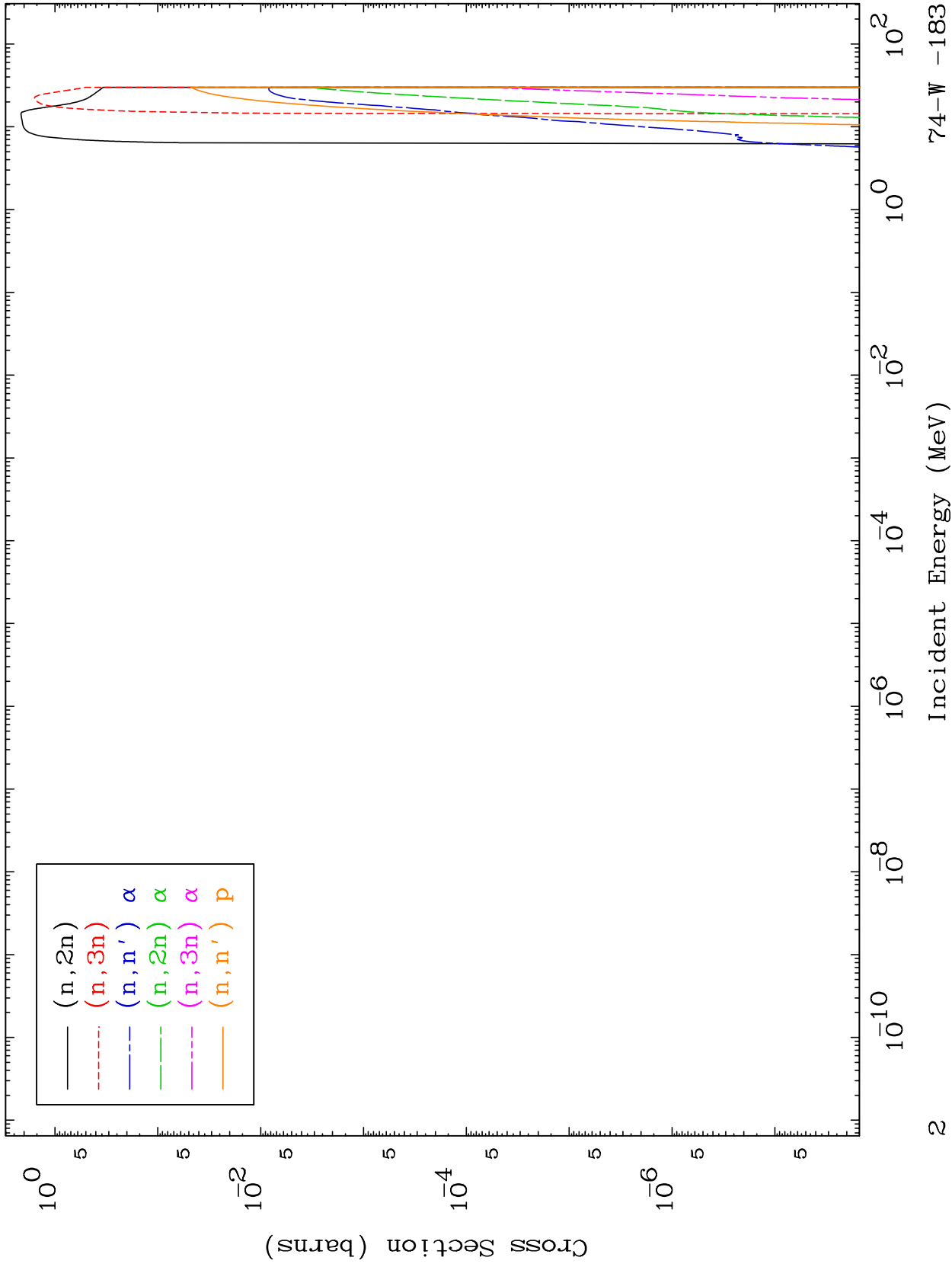
74-W -183

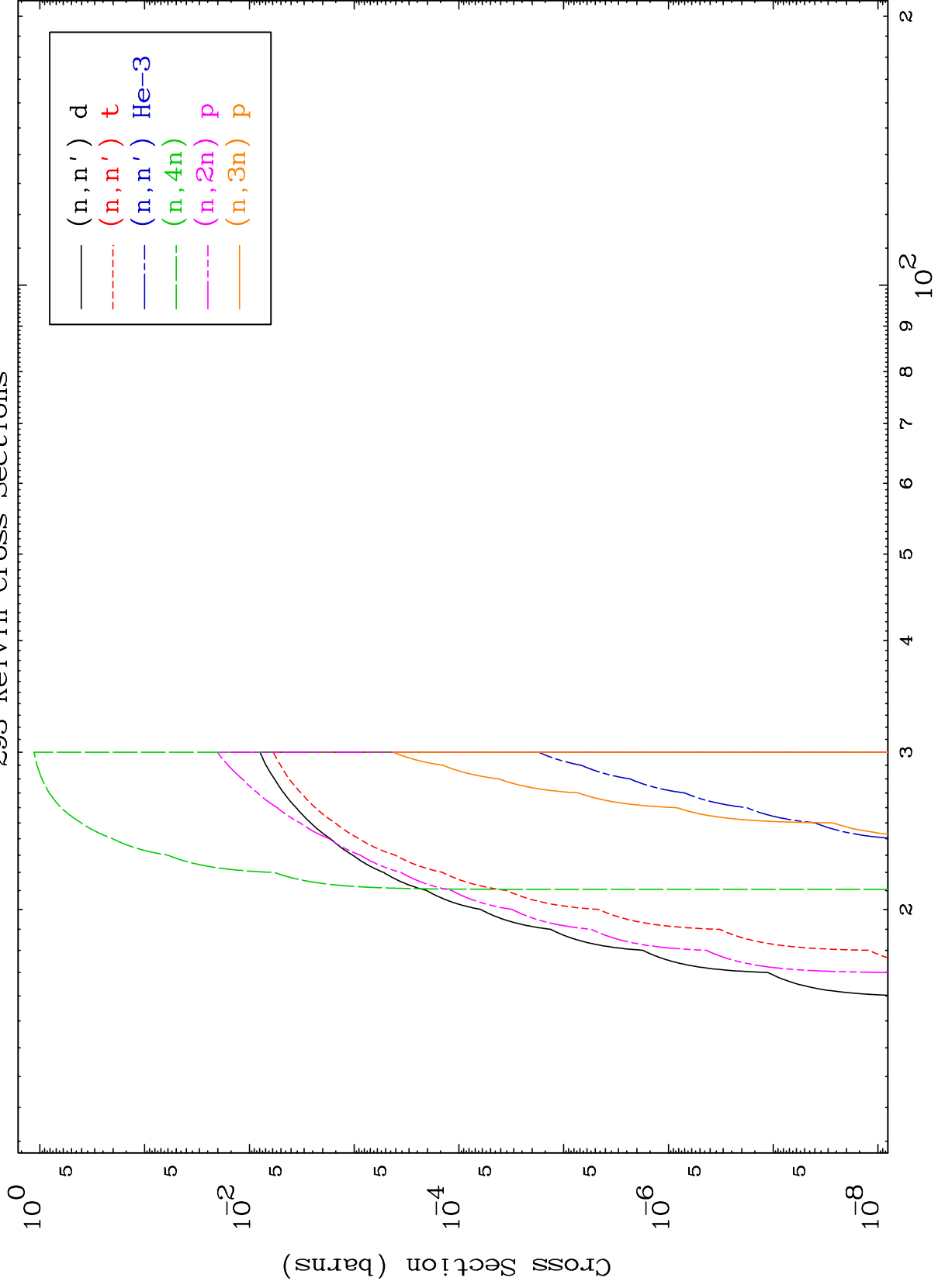


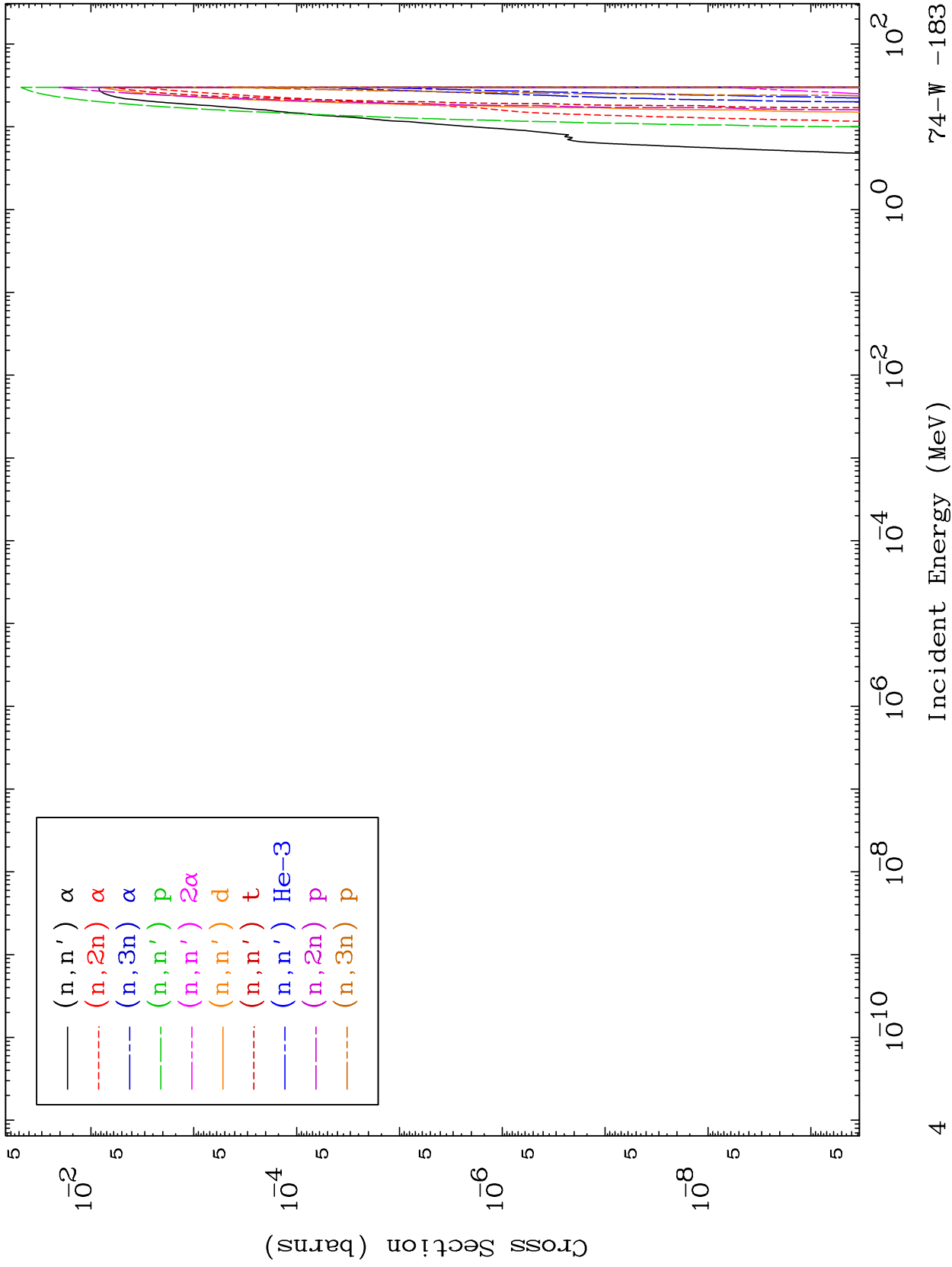
MAT 7434

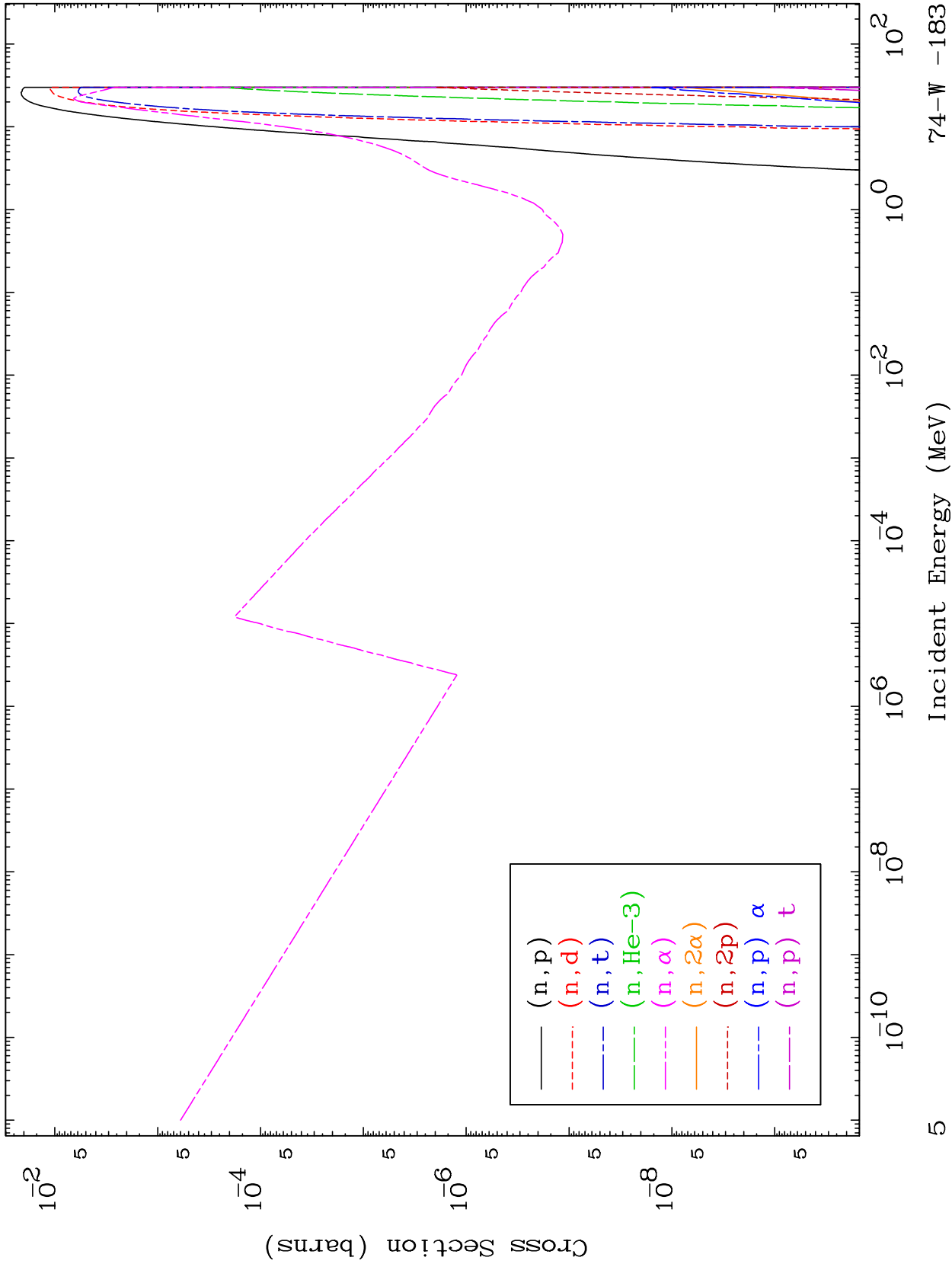
Neutron Production
293 Kelvin Cross Sections

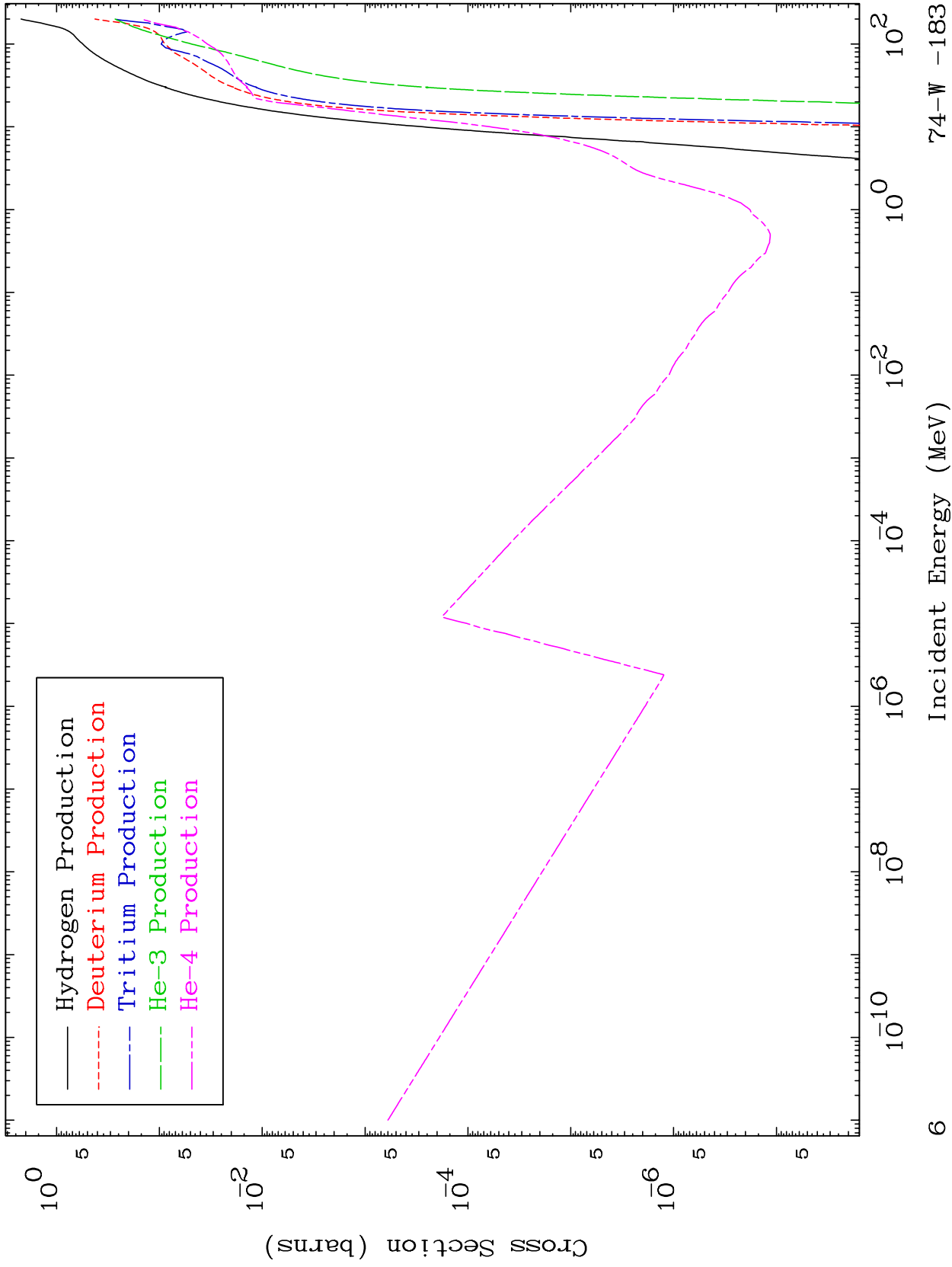
74-W -183

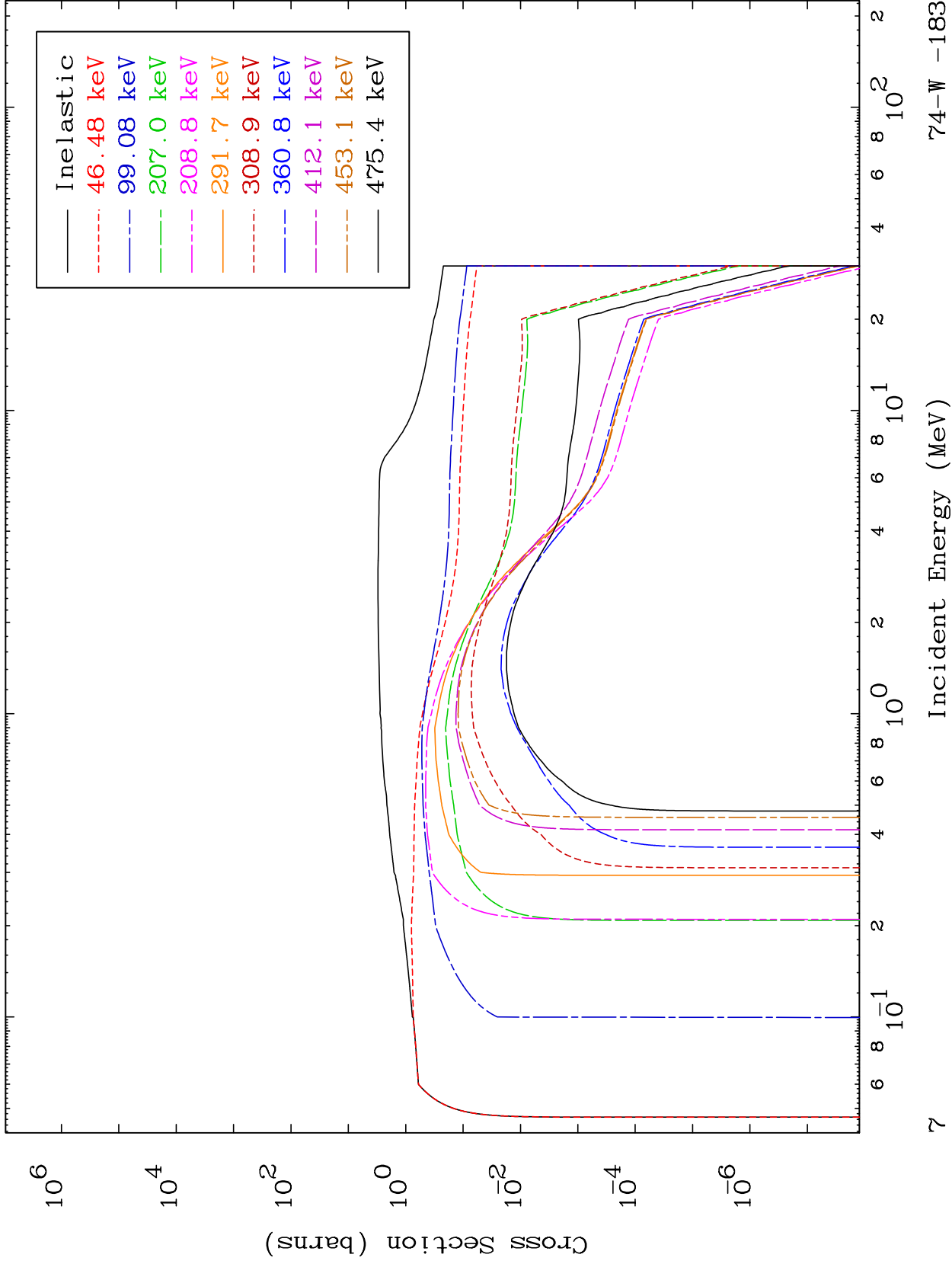


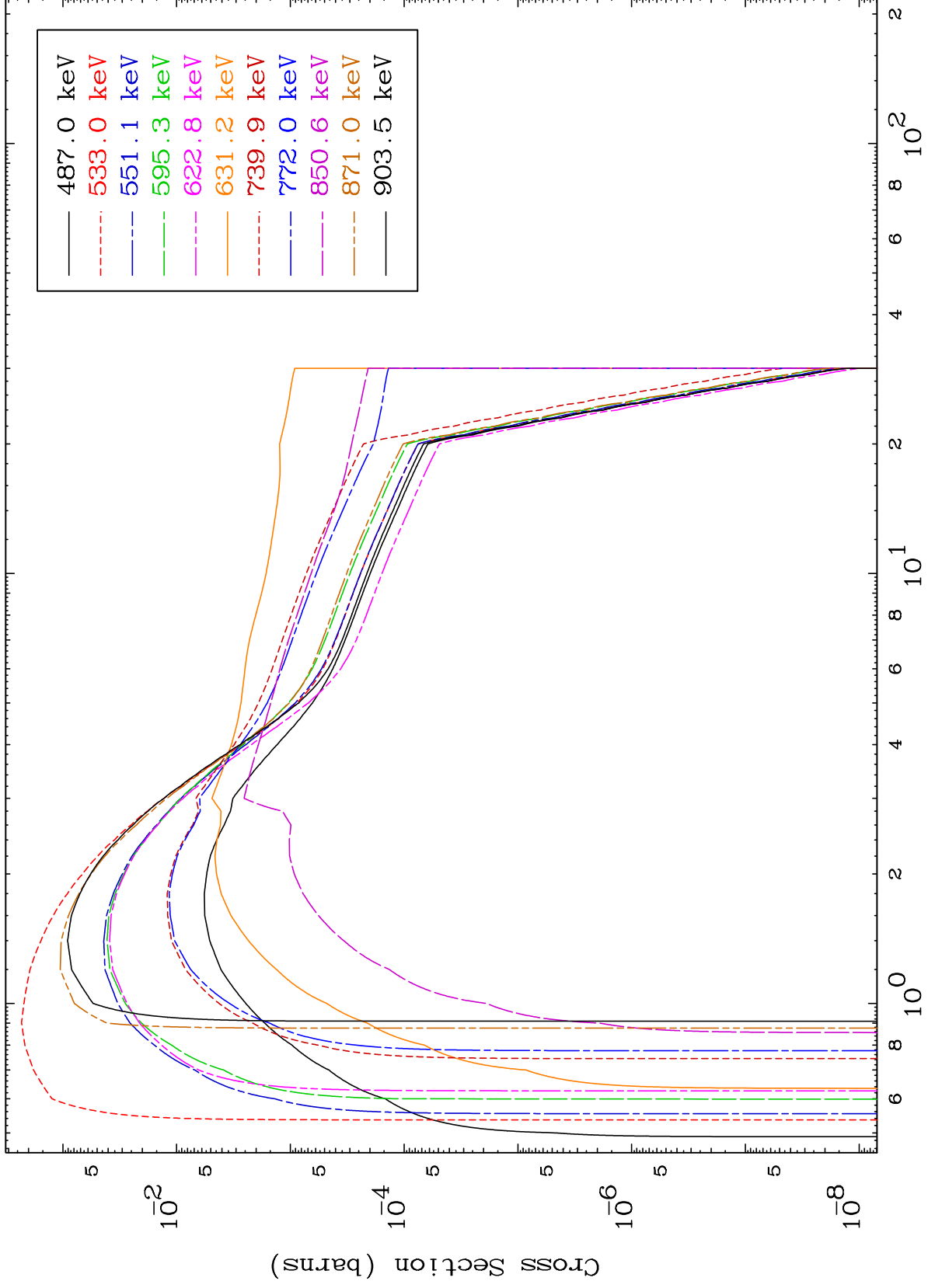




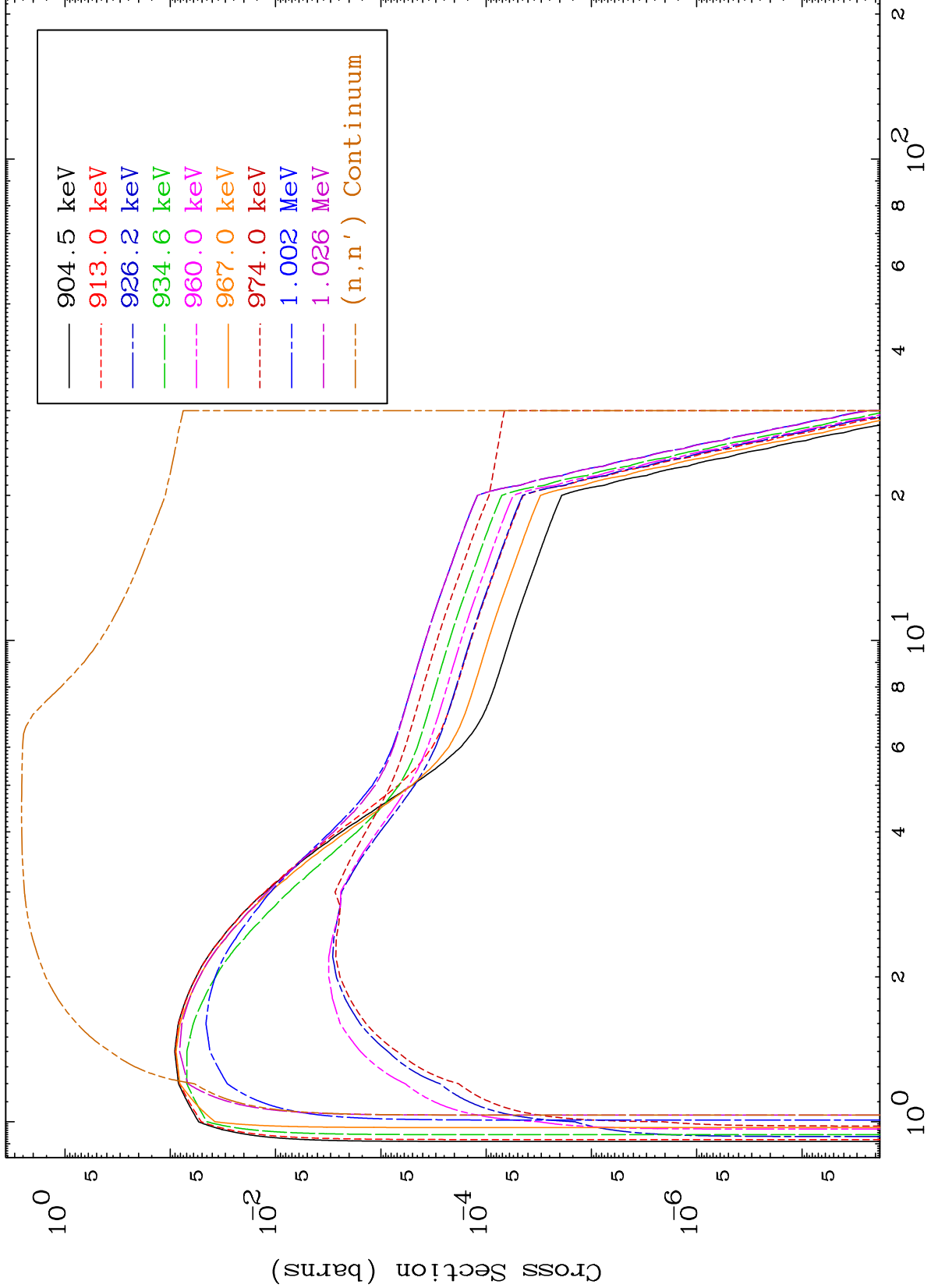








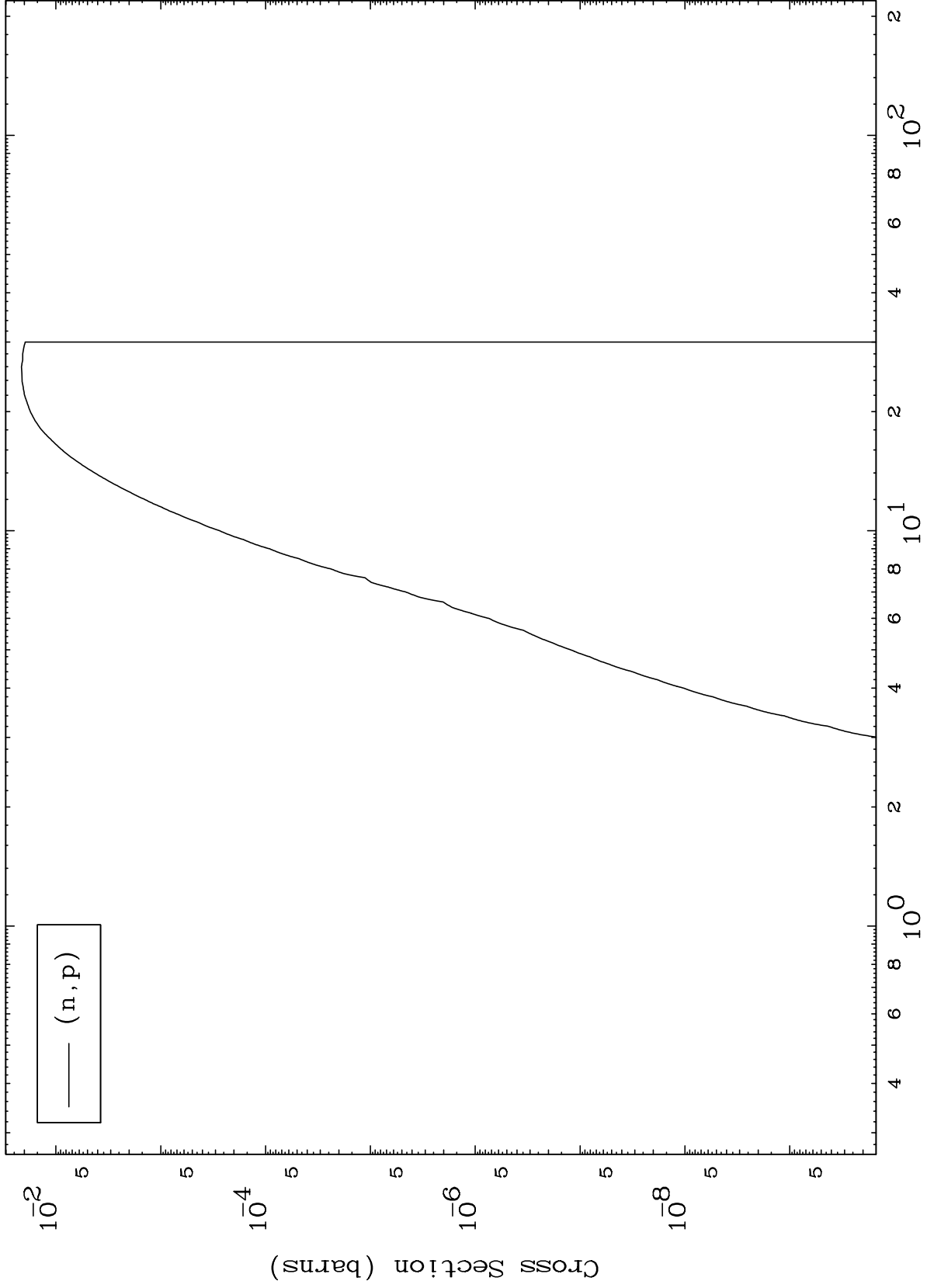
293 Kelvin Cross Sections



MAT 7434

(n,p) Levels
293 Kelvin Cross Sections

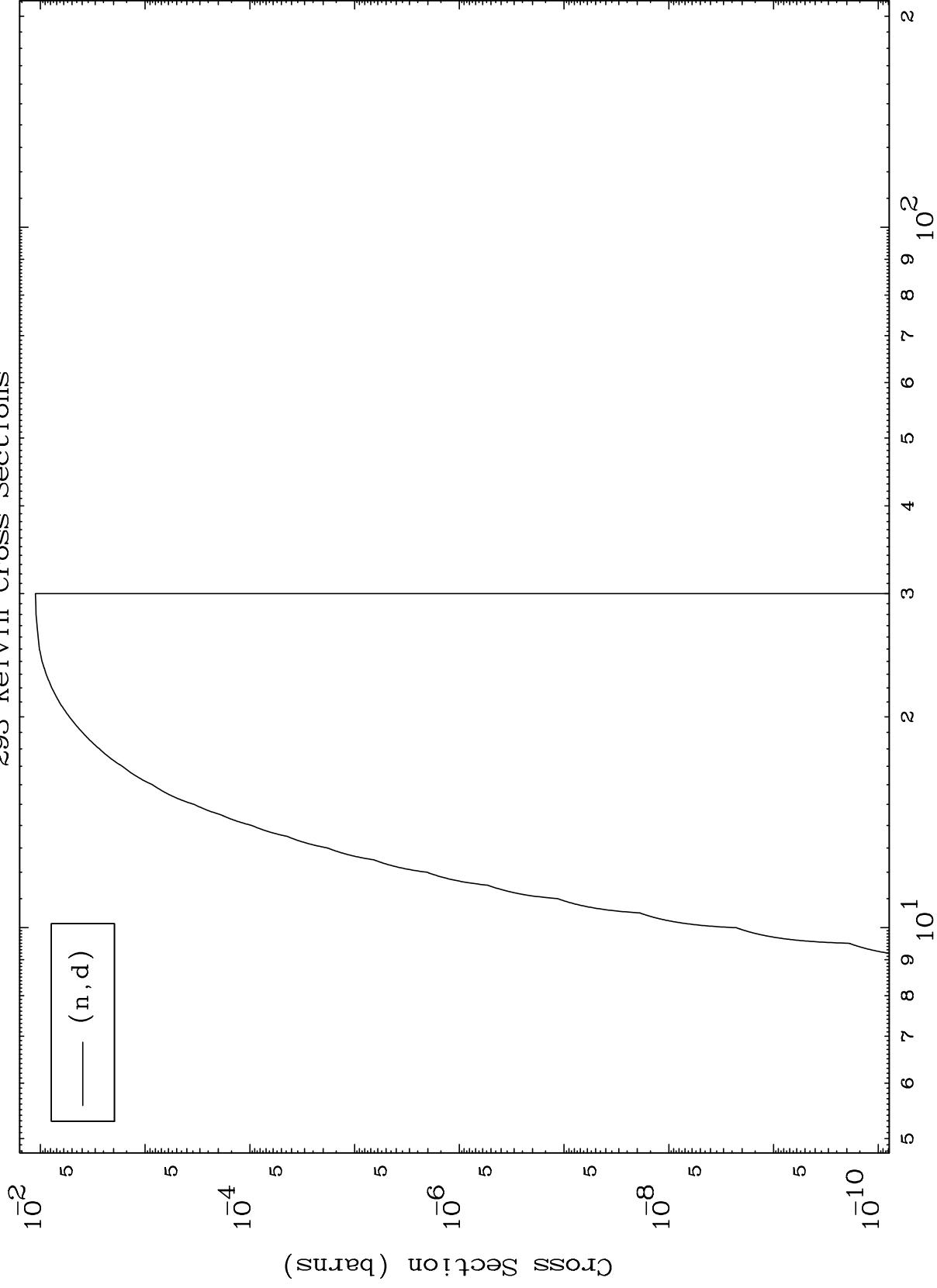
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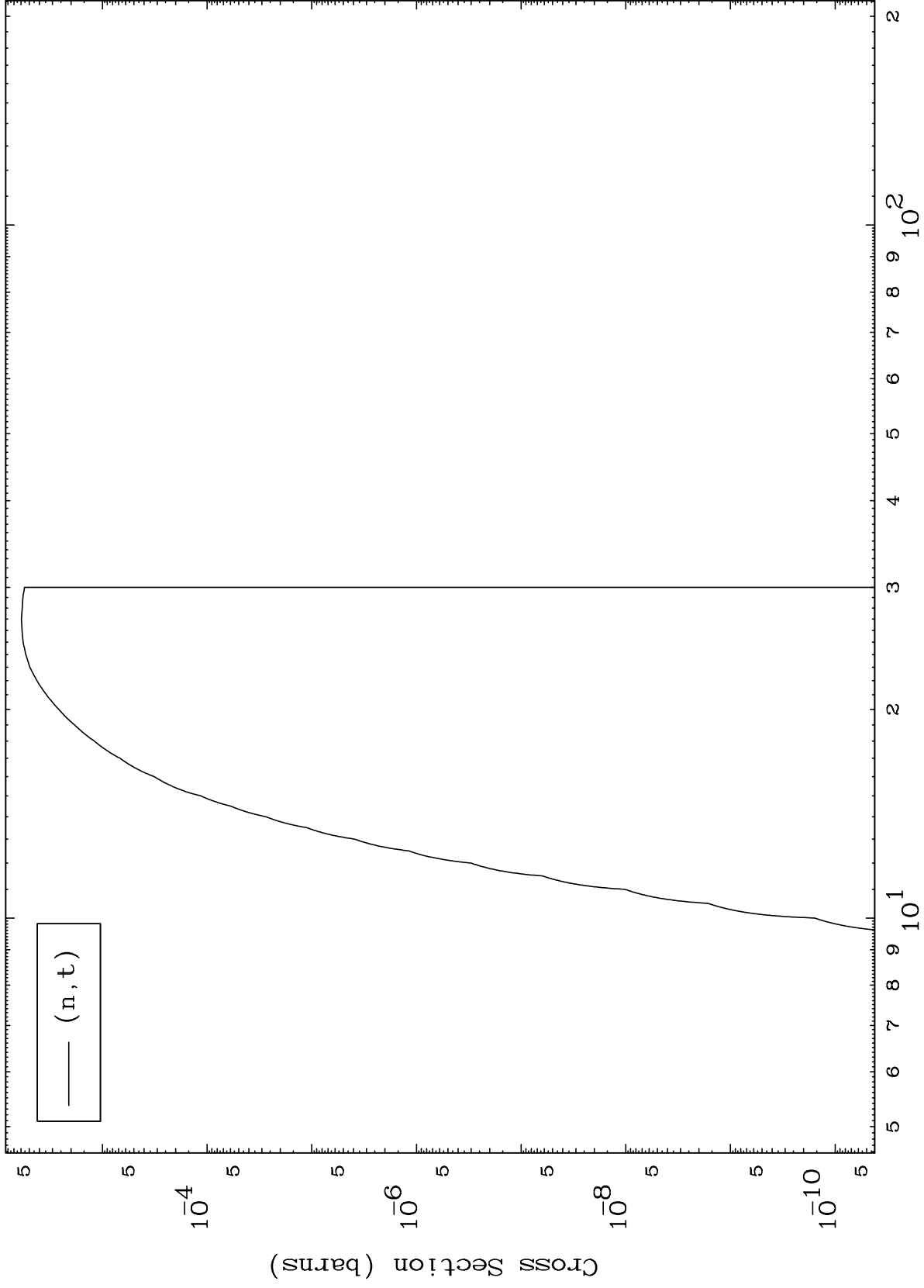


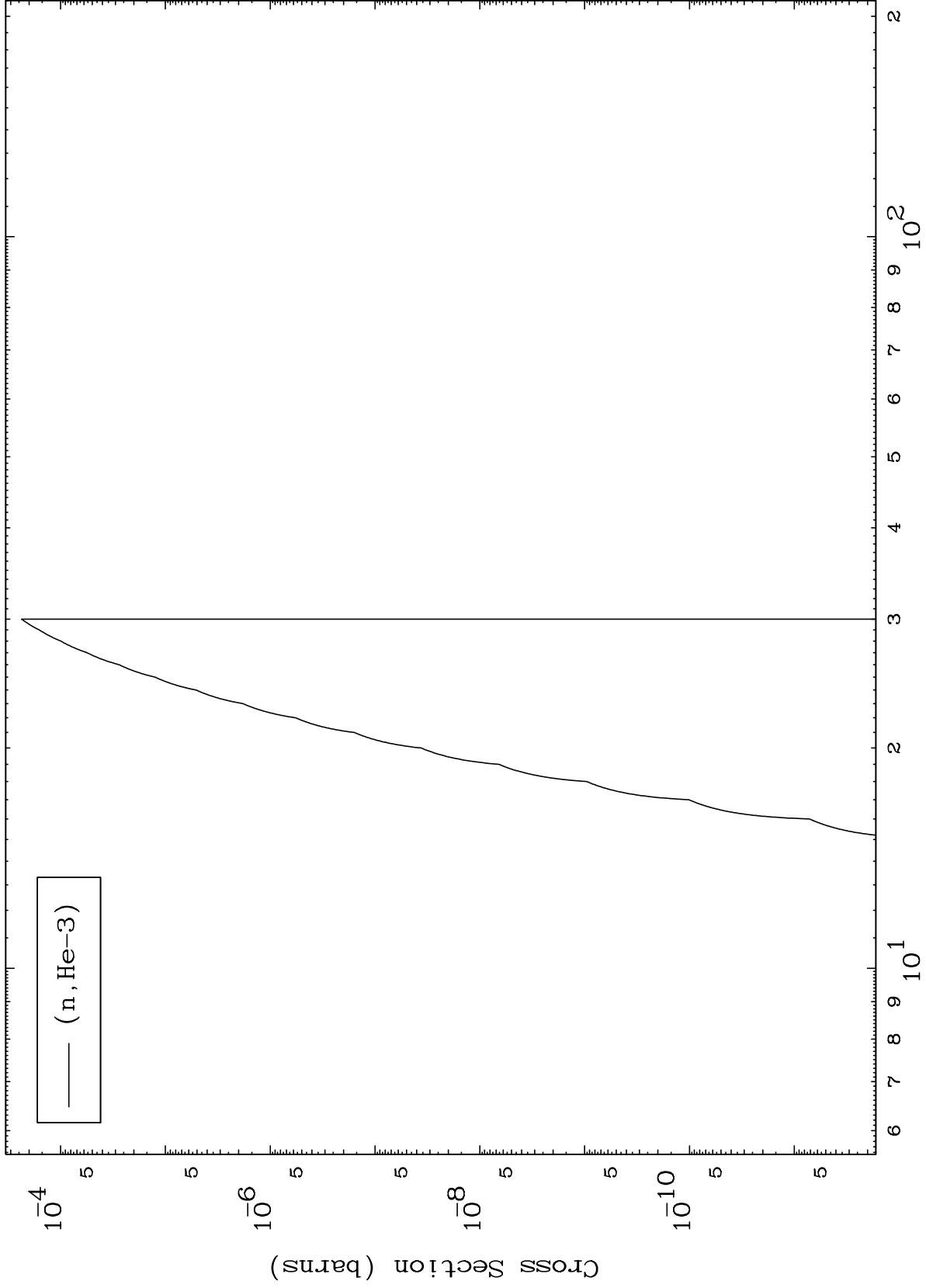
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Incident Energy (MeV)

74-W -183



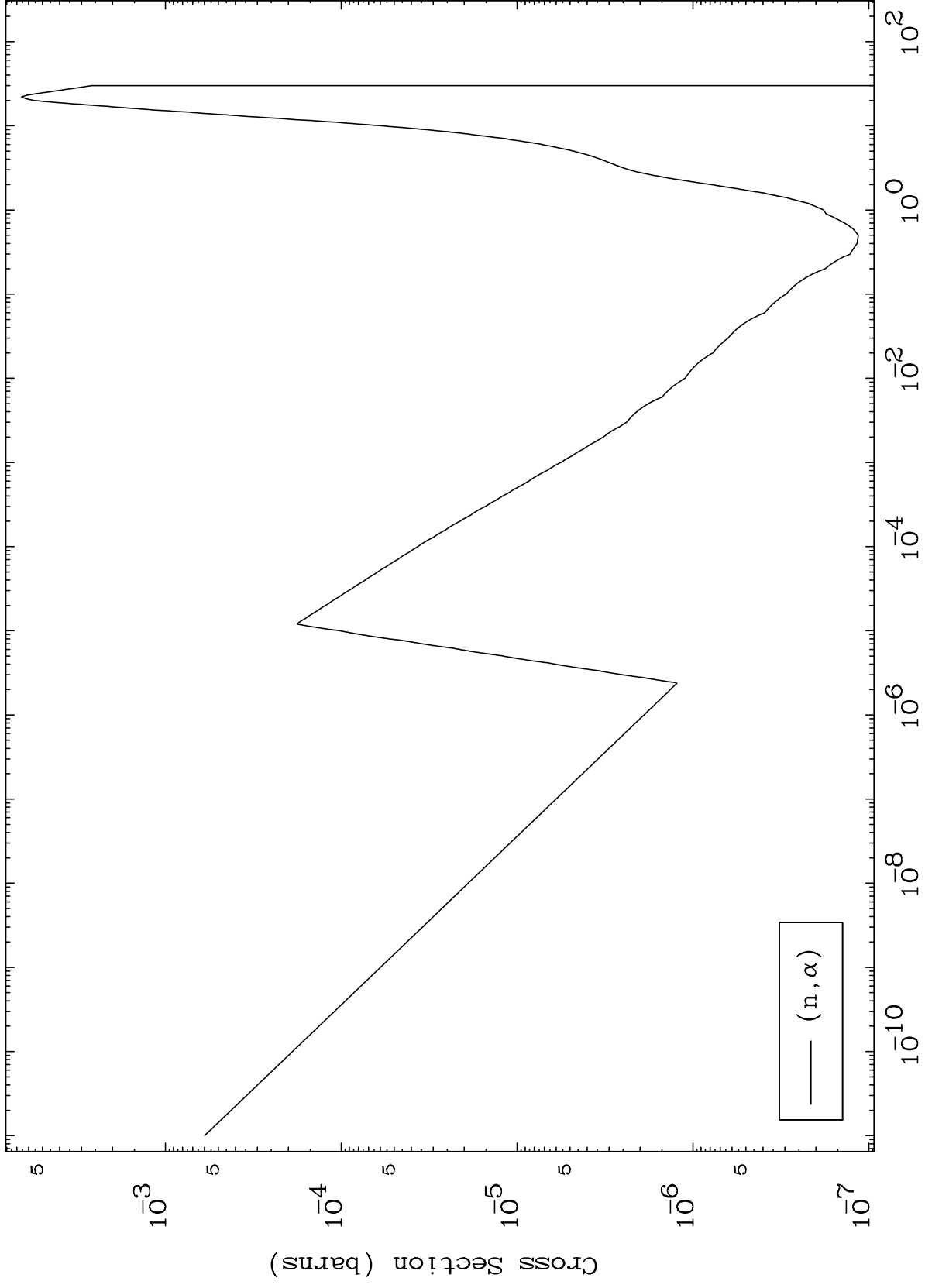




MAT 7434

(n,α) Levels
293 Kelvin Cross Sections

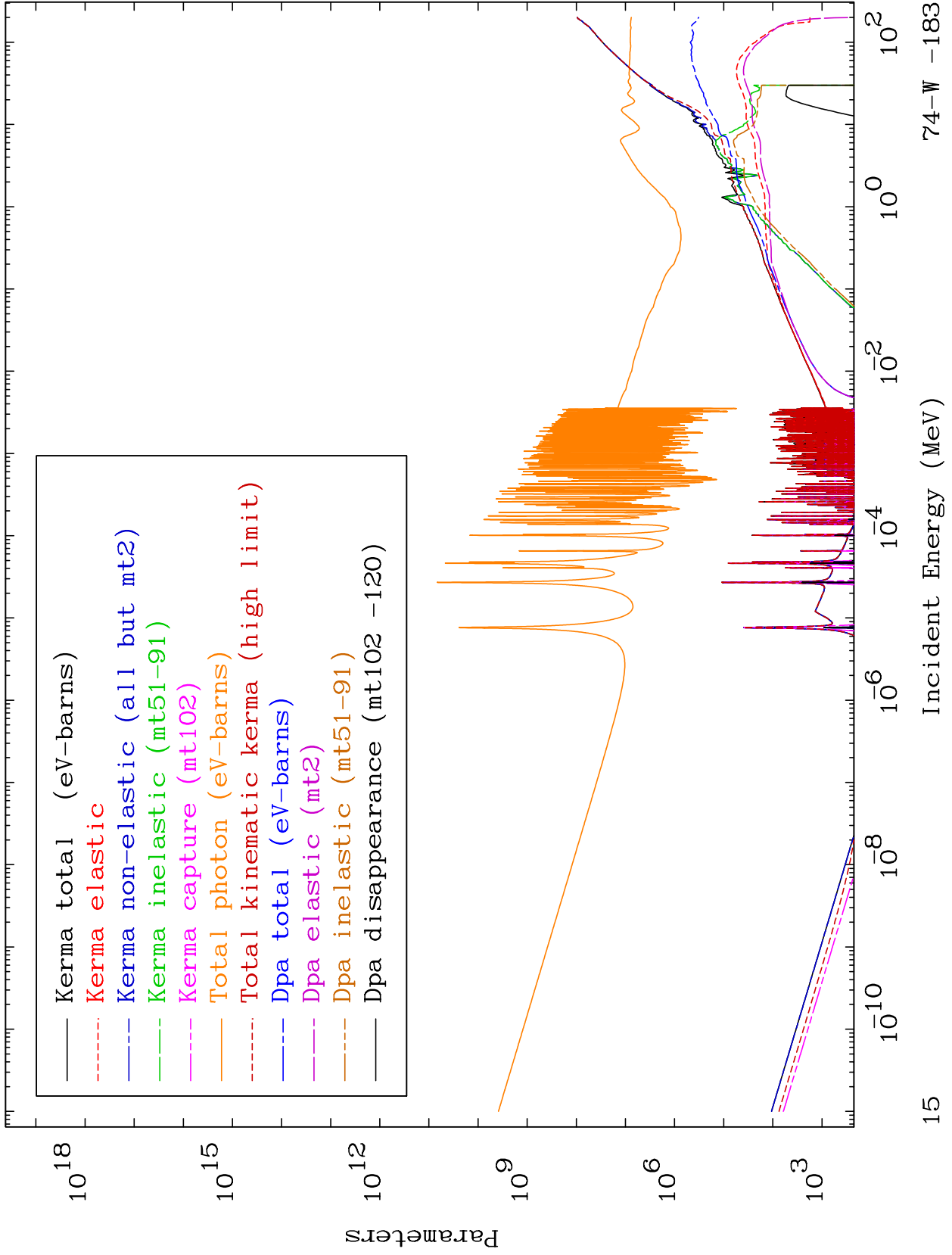
74-W -183



14

Incident Energy (MeV)

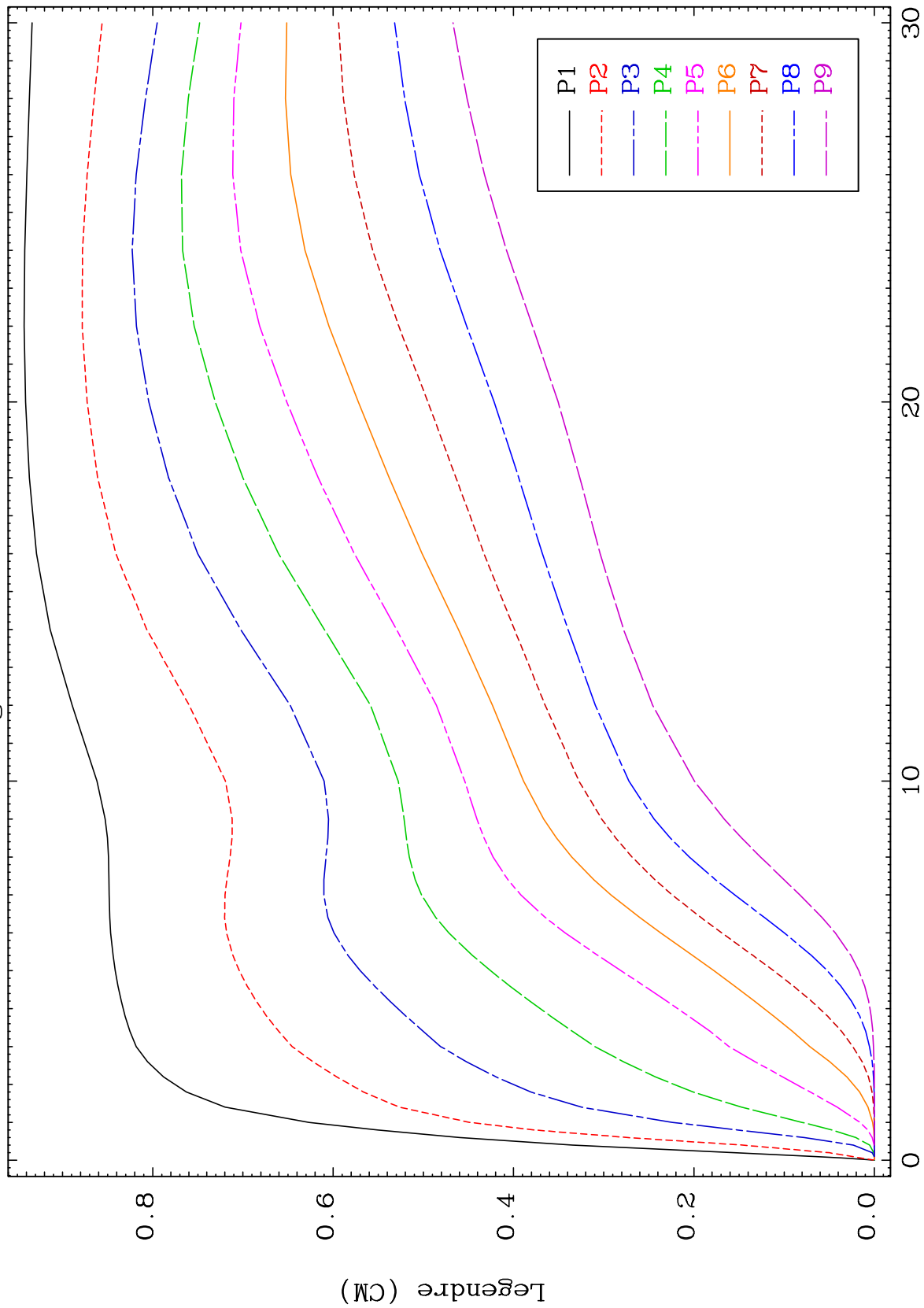
74-W -183



MAT 7434

Elastic Legendre Coefficients

74-W -183



16

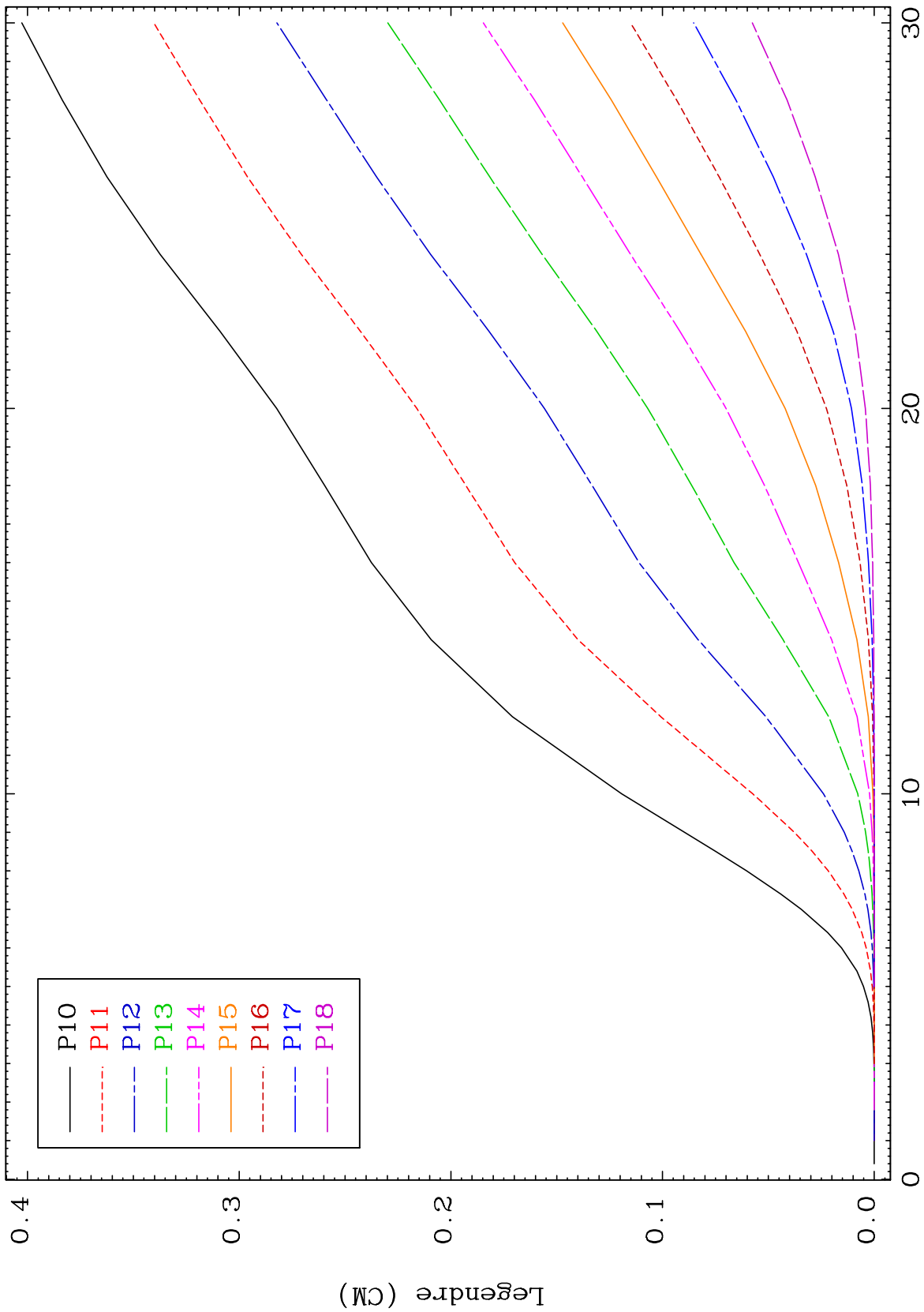
Incident Energy (MeV)

74-W -183

MAT 7434

Elastic Legendre Coefficients

74-W -183



17

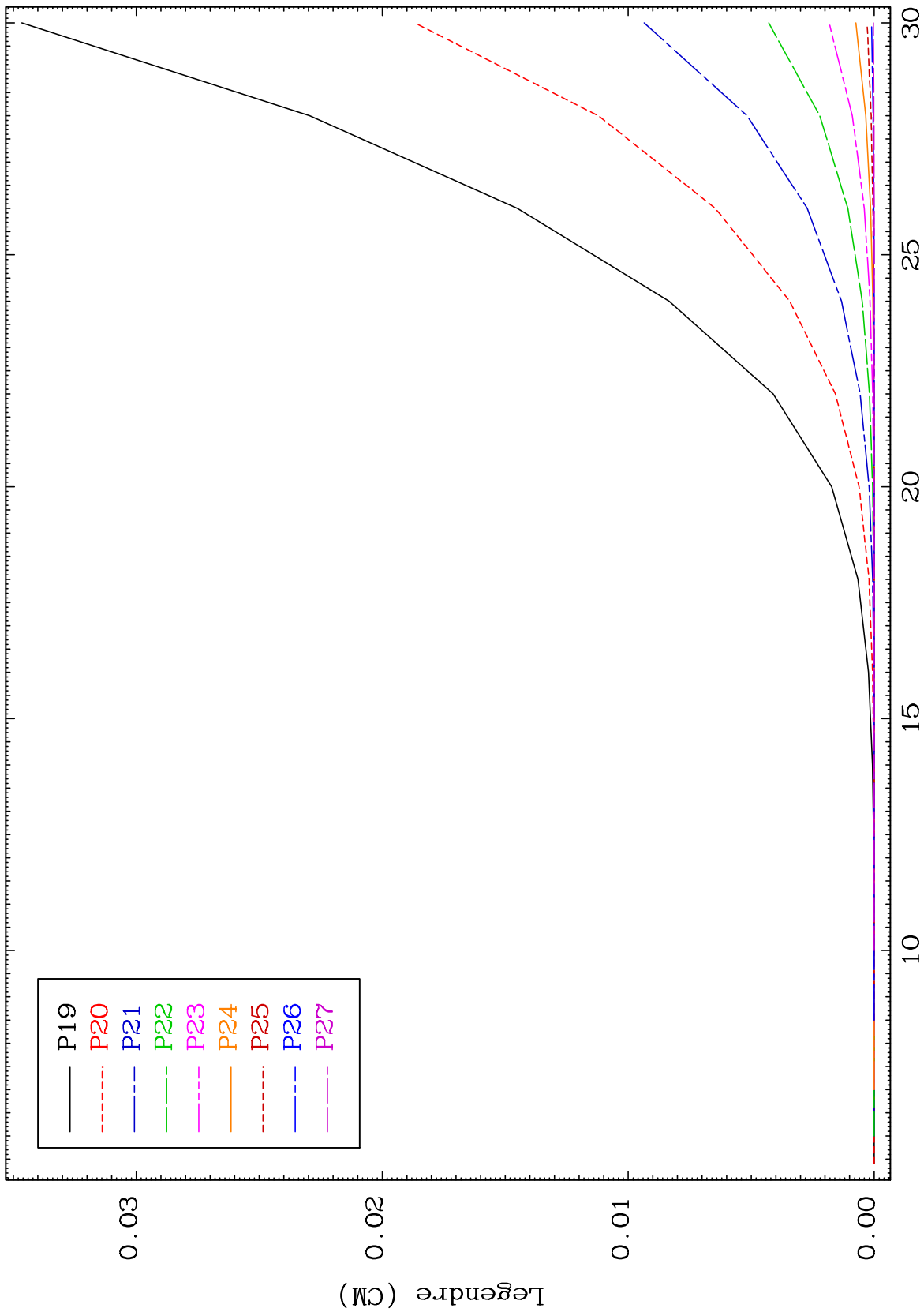
Incident Energy (MeV)

74-W -183

MAT 7434

Elastic Legendre Coefficients

74-W -183



18

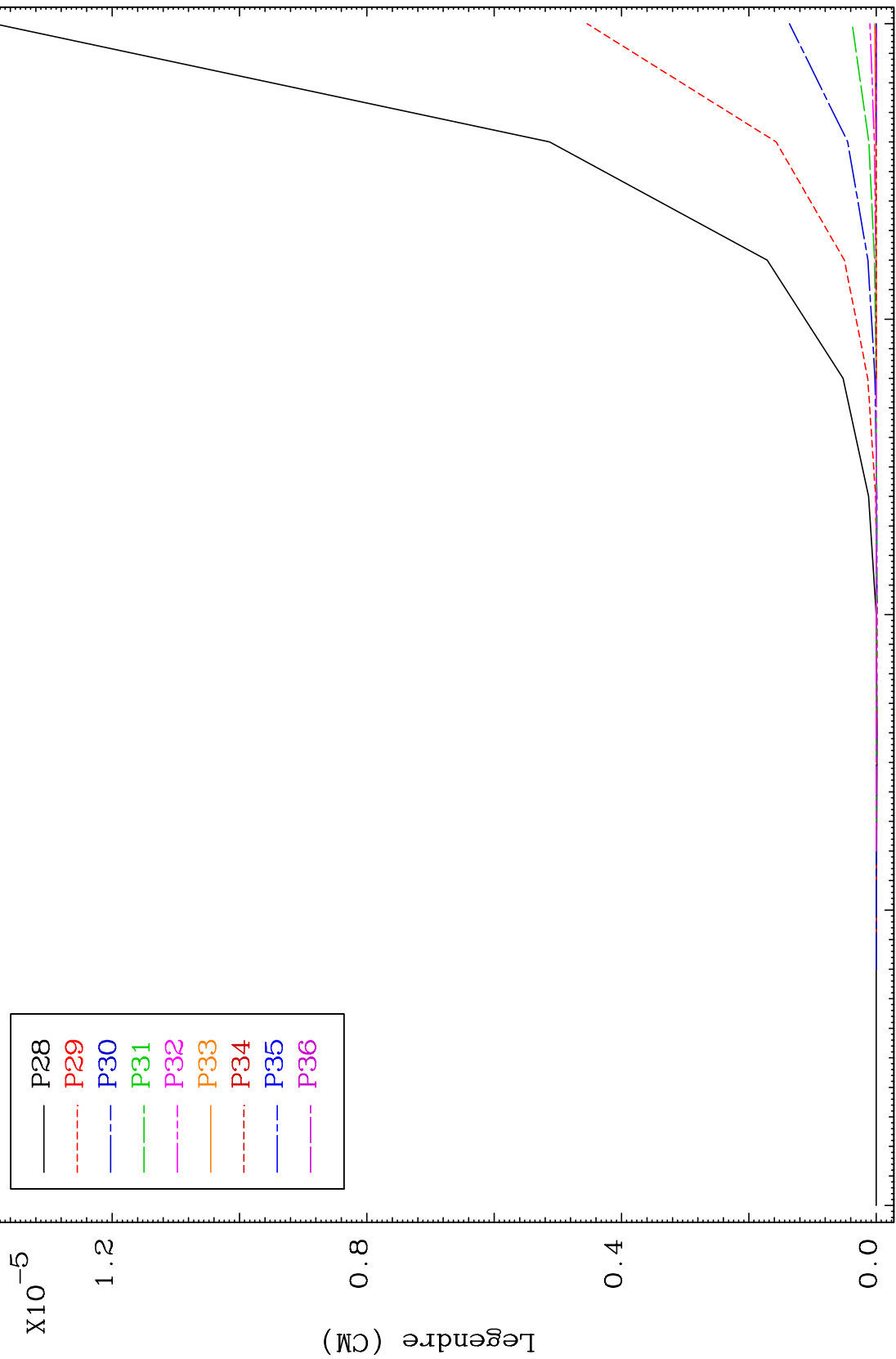
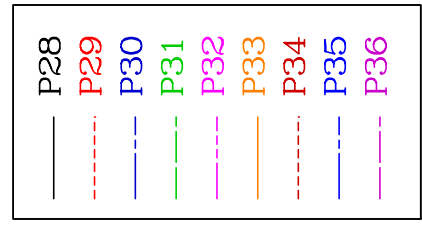
Incident Energy (MeV)

74-W -183

MAT 7434

Elastic Legendre Coefficients

74-W -183



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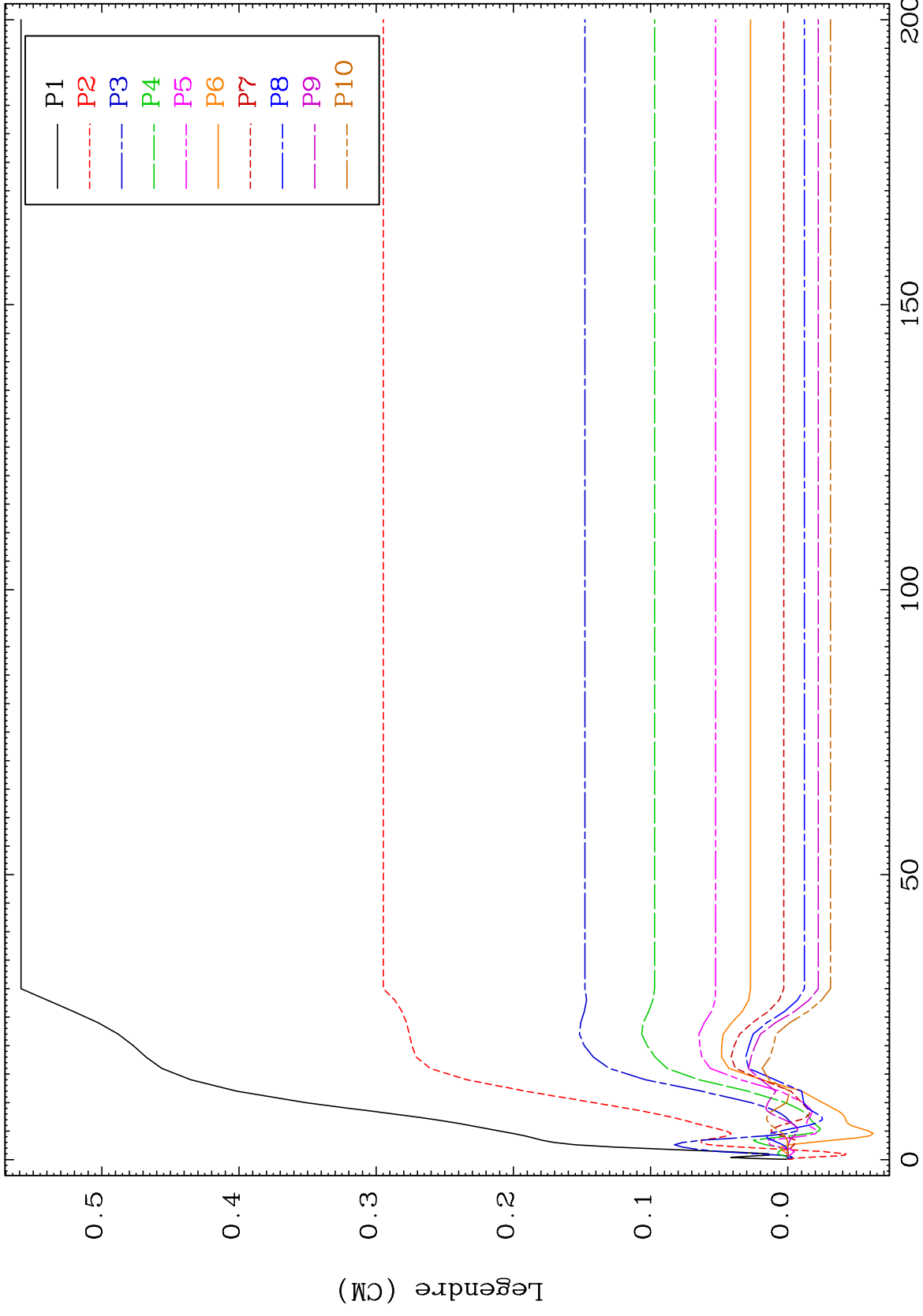
Incident Energy (MeV)

74-W -183

MAT 7434

46.48 keV (n,n') Level
Legendre Coefficients

74-W -183



0

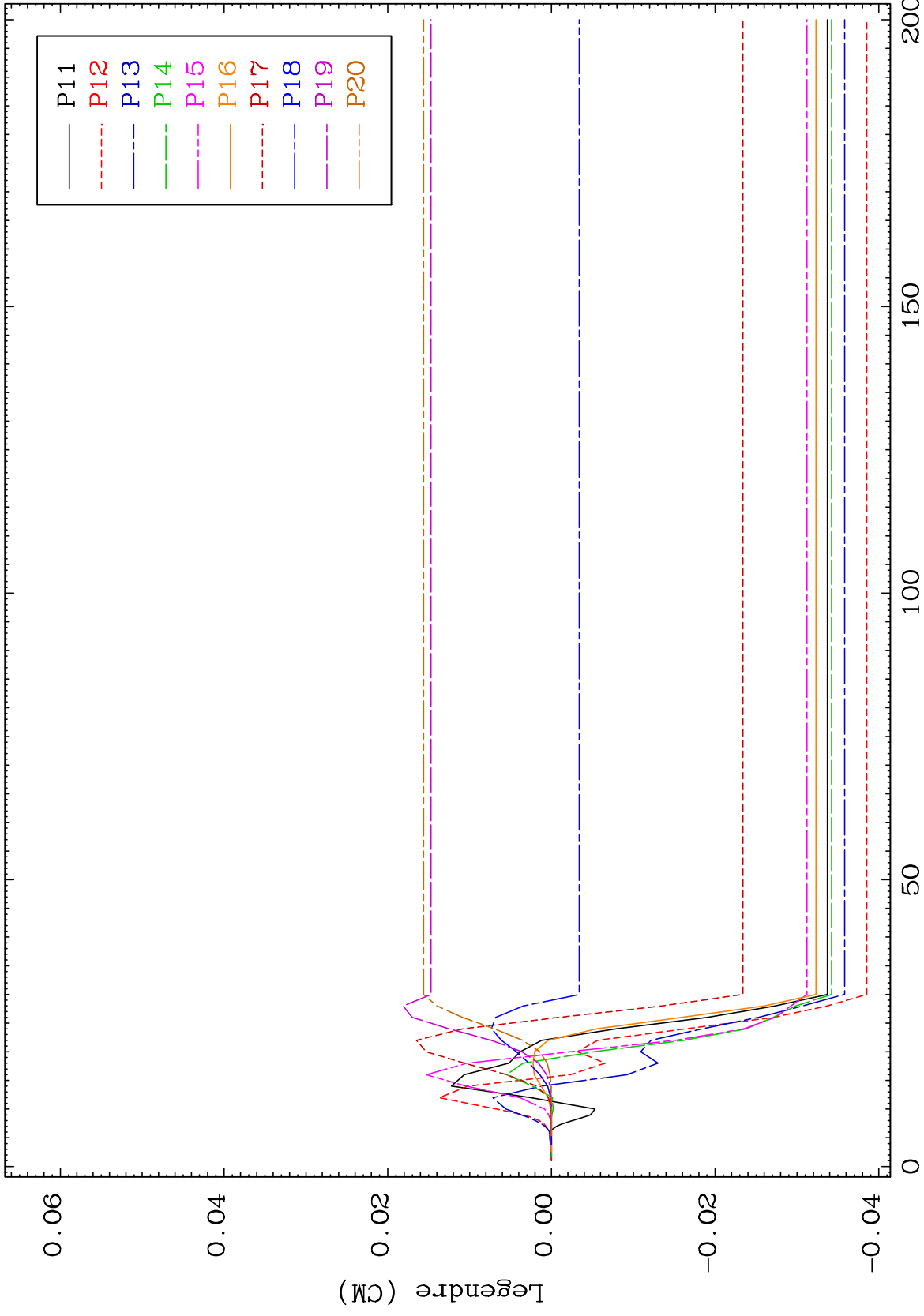
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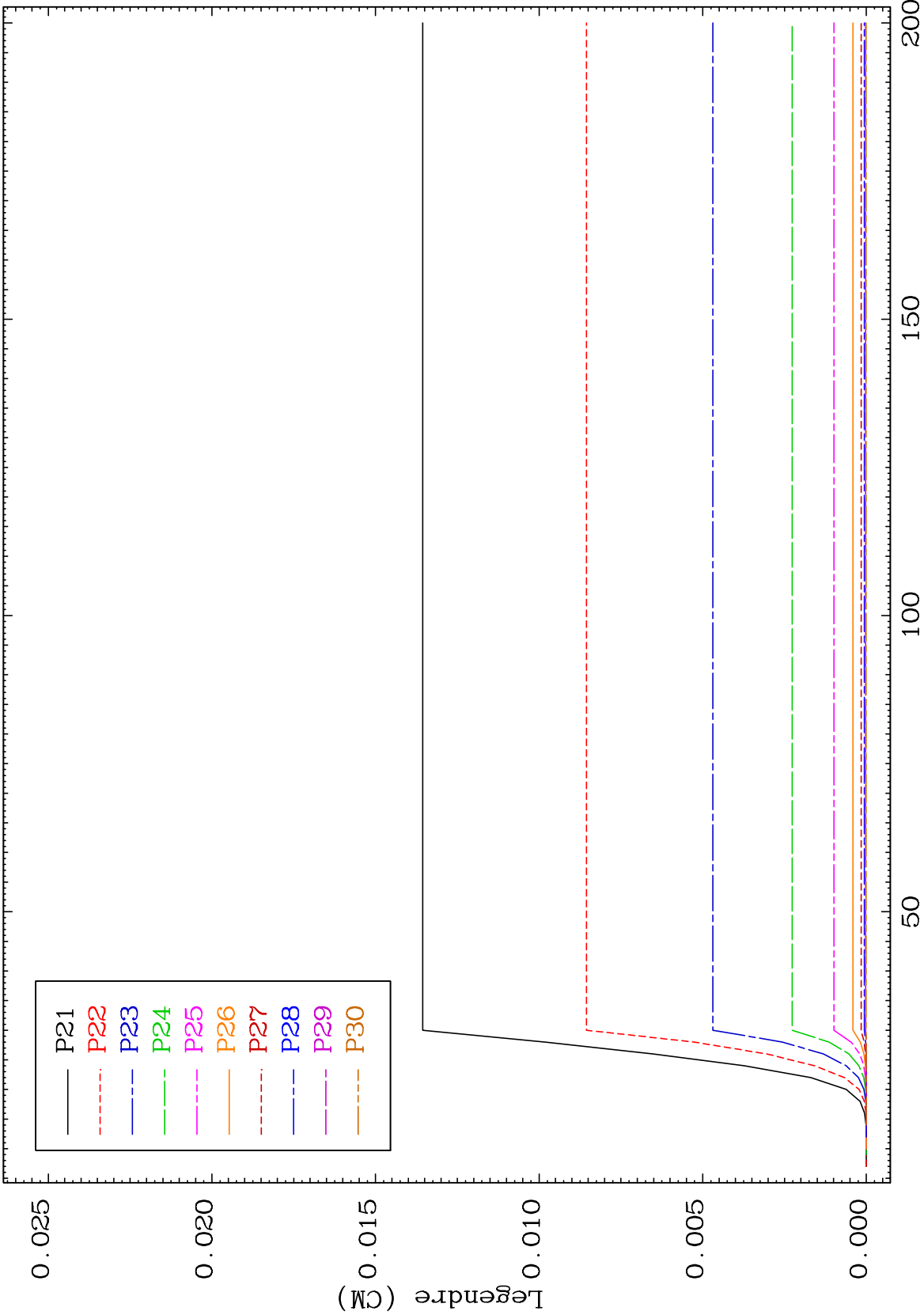
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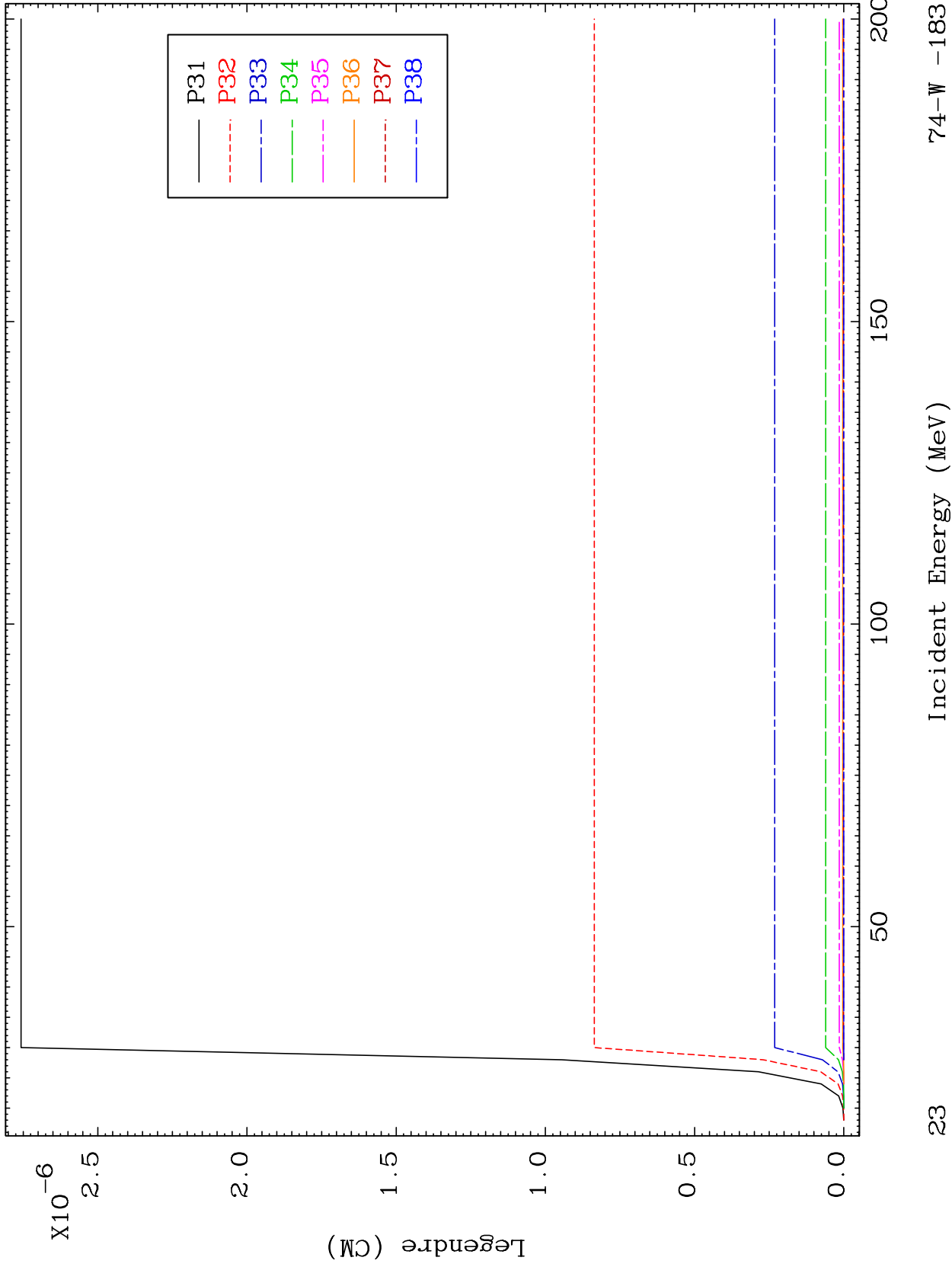
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74-W -183



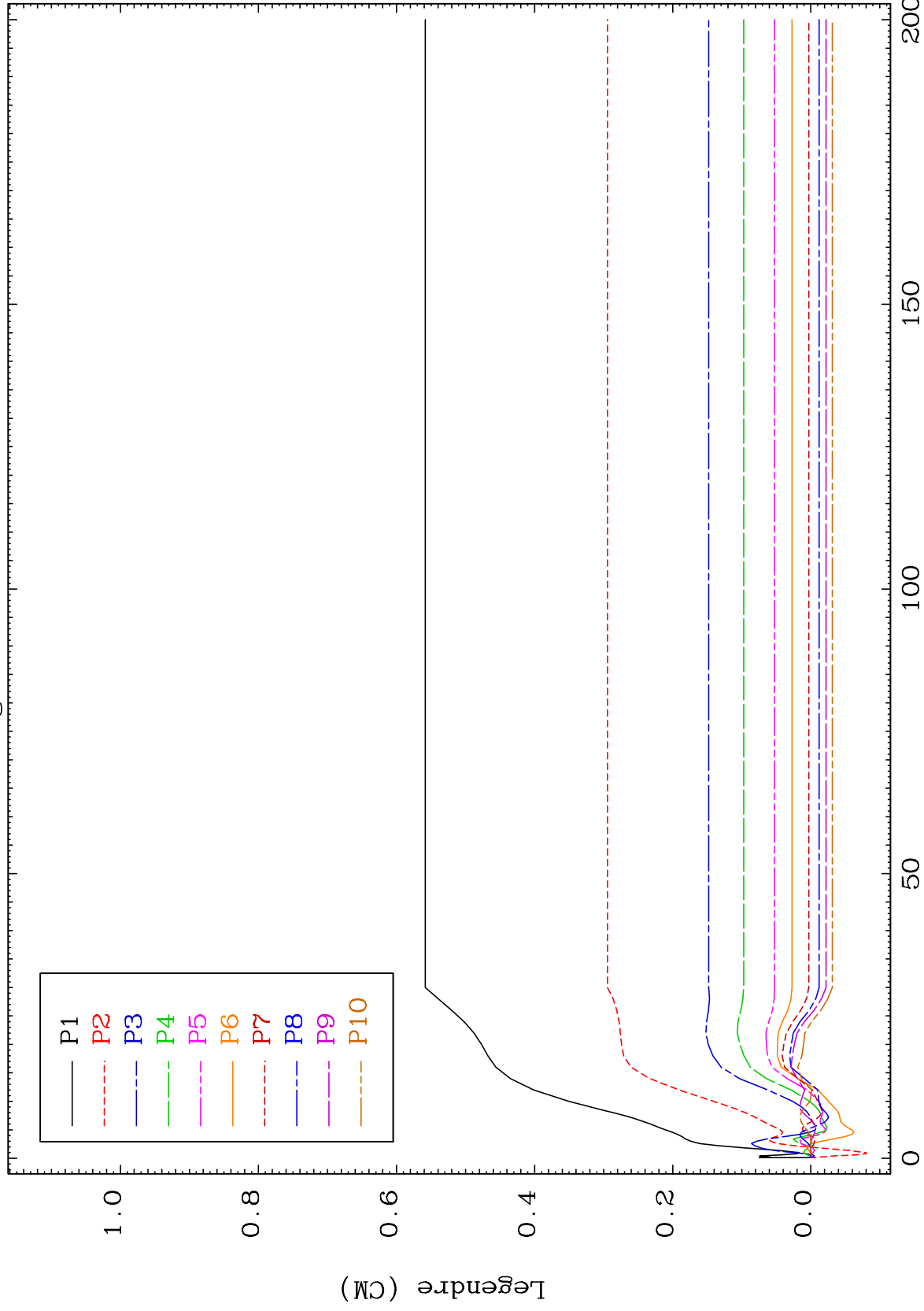




MAT 7434

99.08 keV (n, n') Level
Legendre Coefficients

74-W -183



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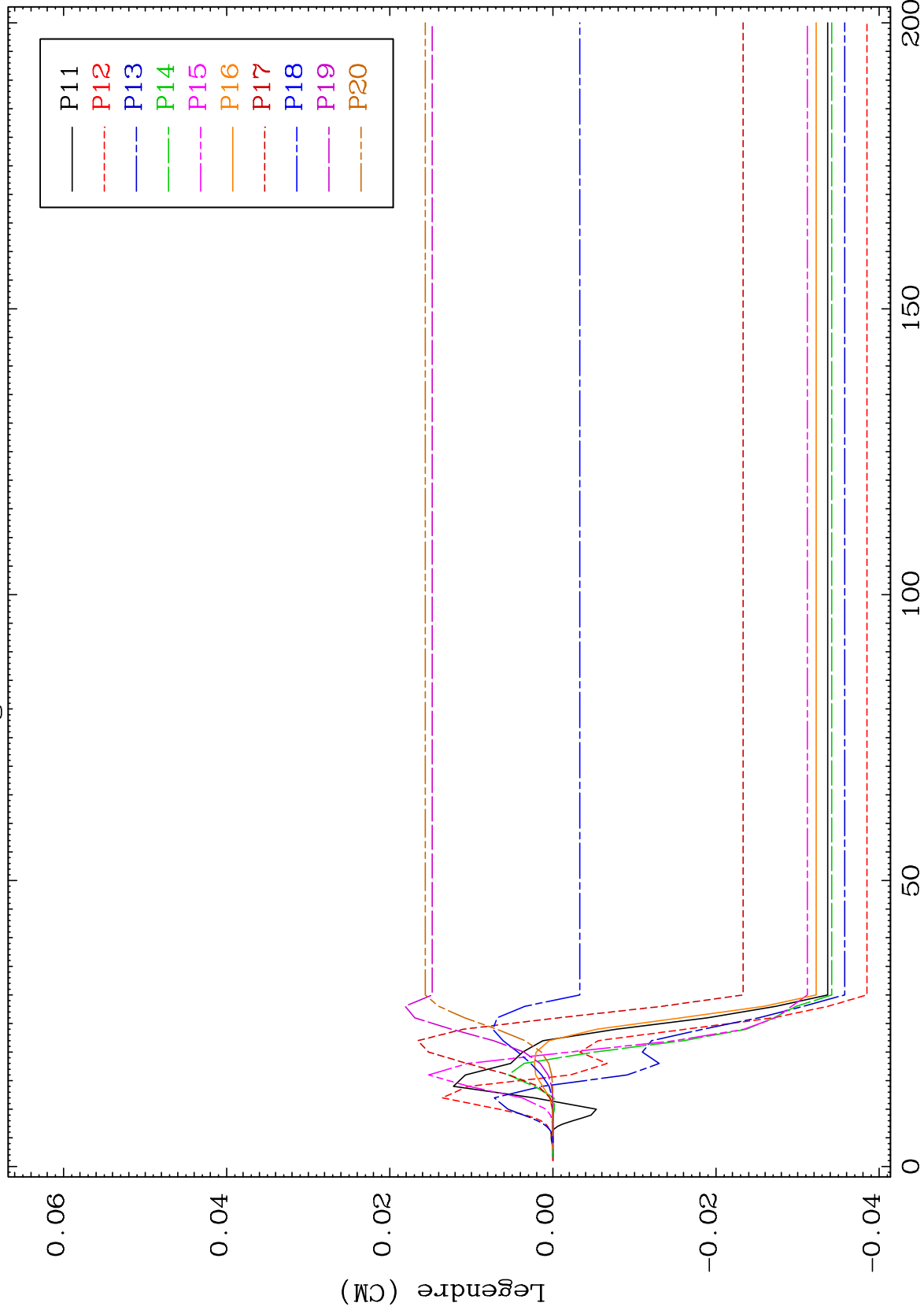
Incident Energy (MeV)

74-W -183

MAT 7434

99.08 keV (n,n') Level
Legendre Coefficients

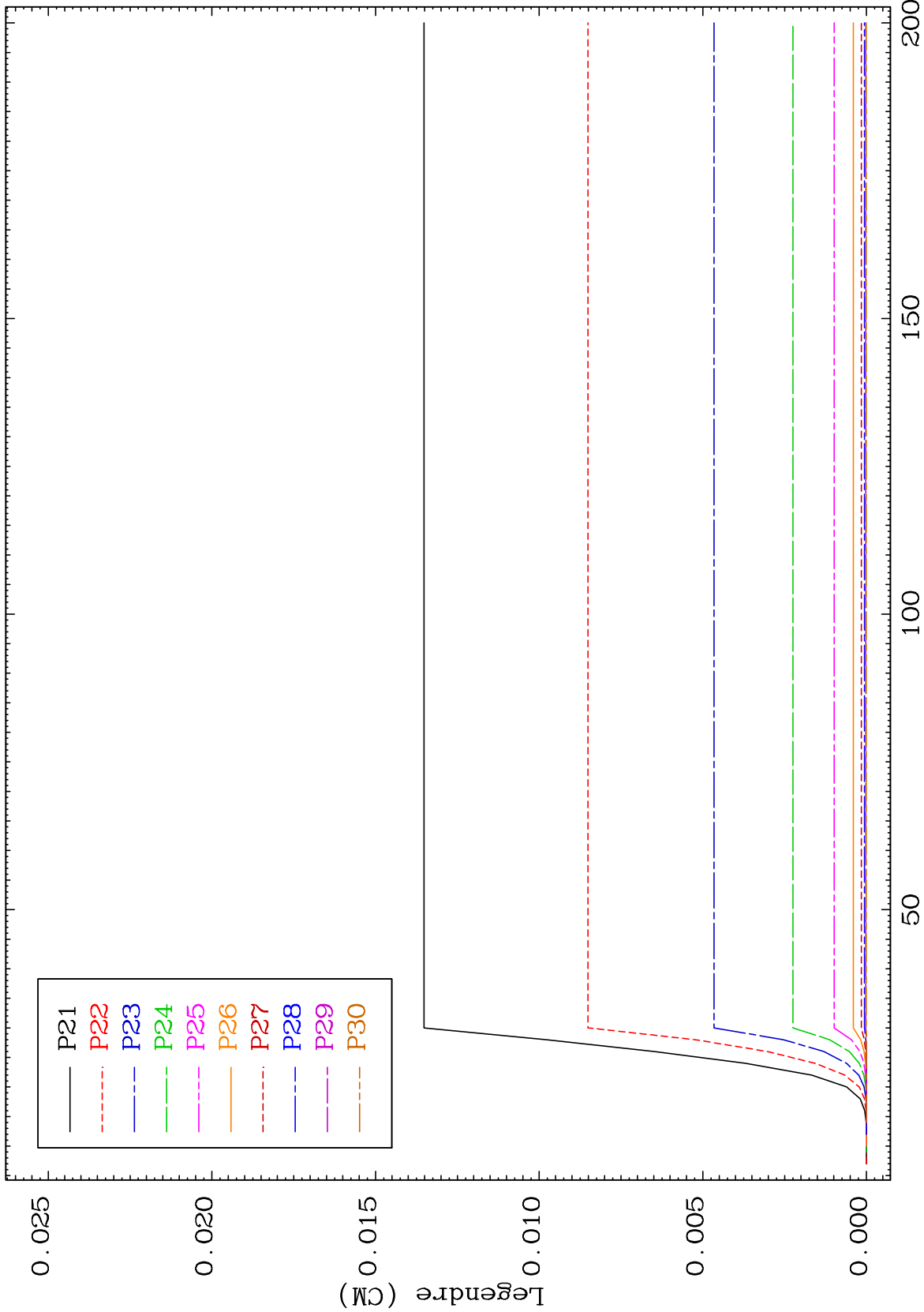
74-W -183

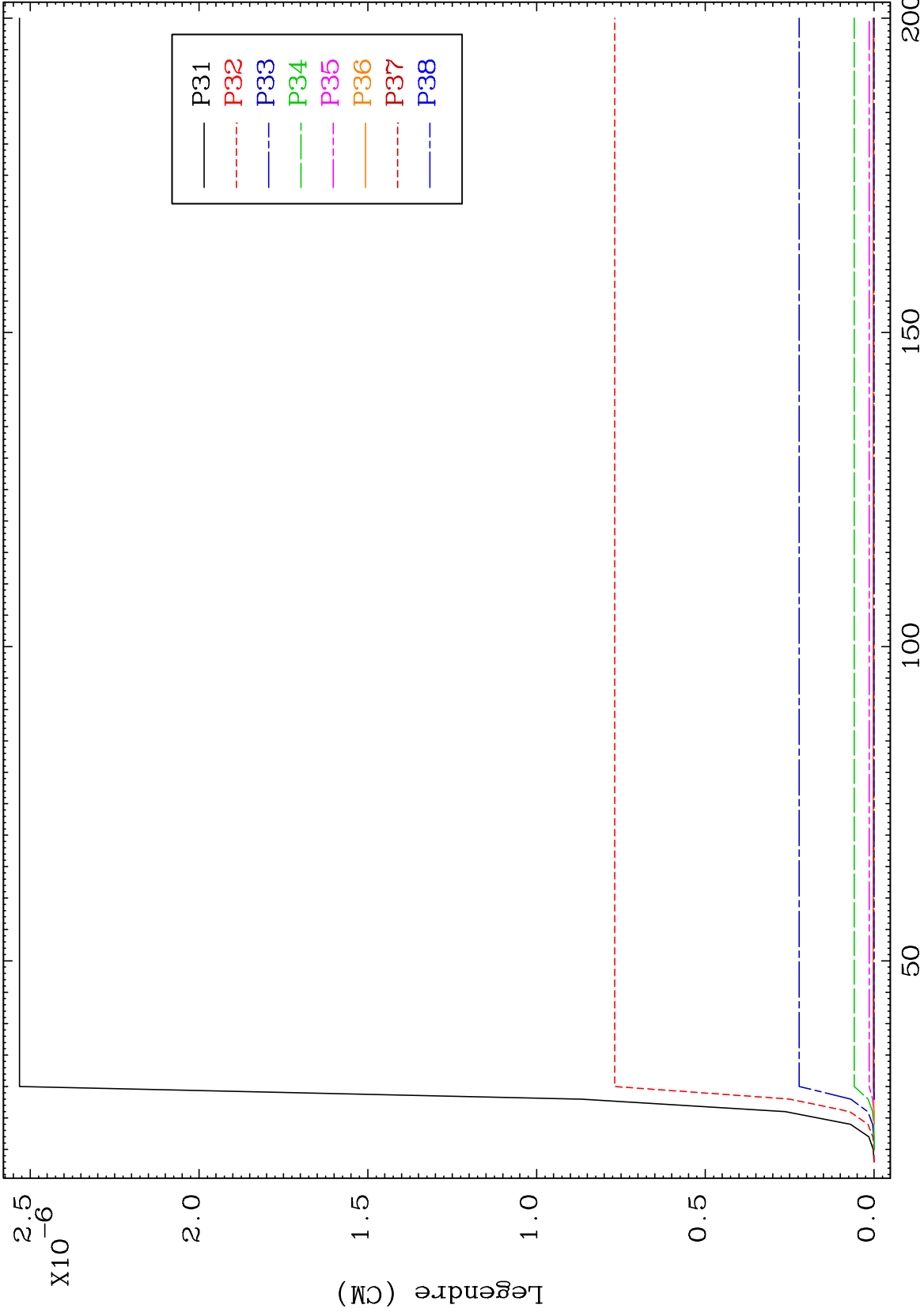


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Incident Energy (MeV)

74-W -183

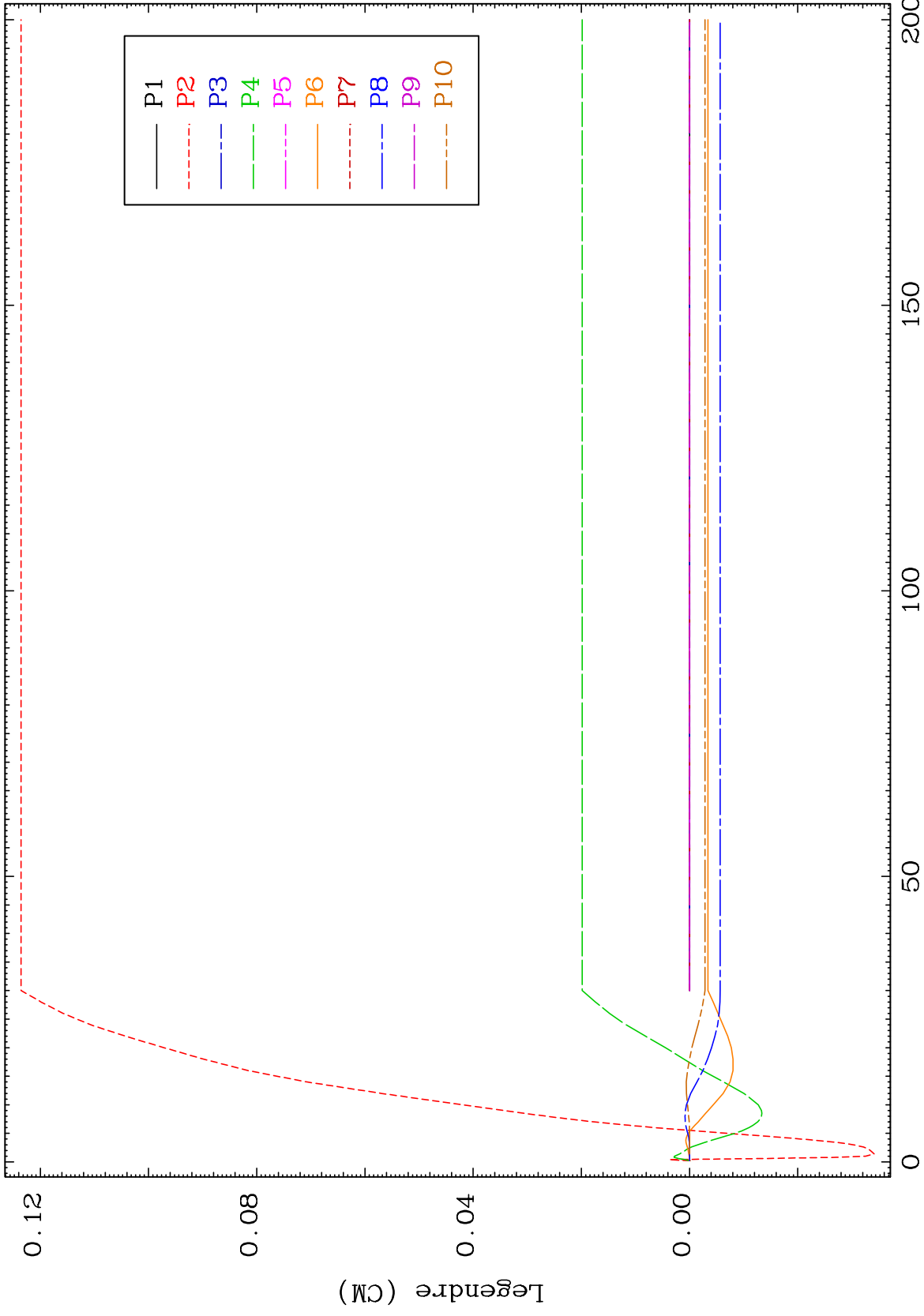




MAT 7434

207.0 keV (n,n') Level
Legendre Coefficients

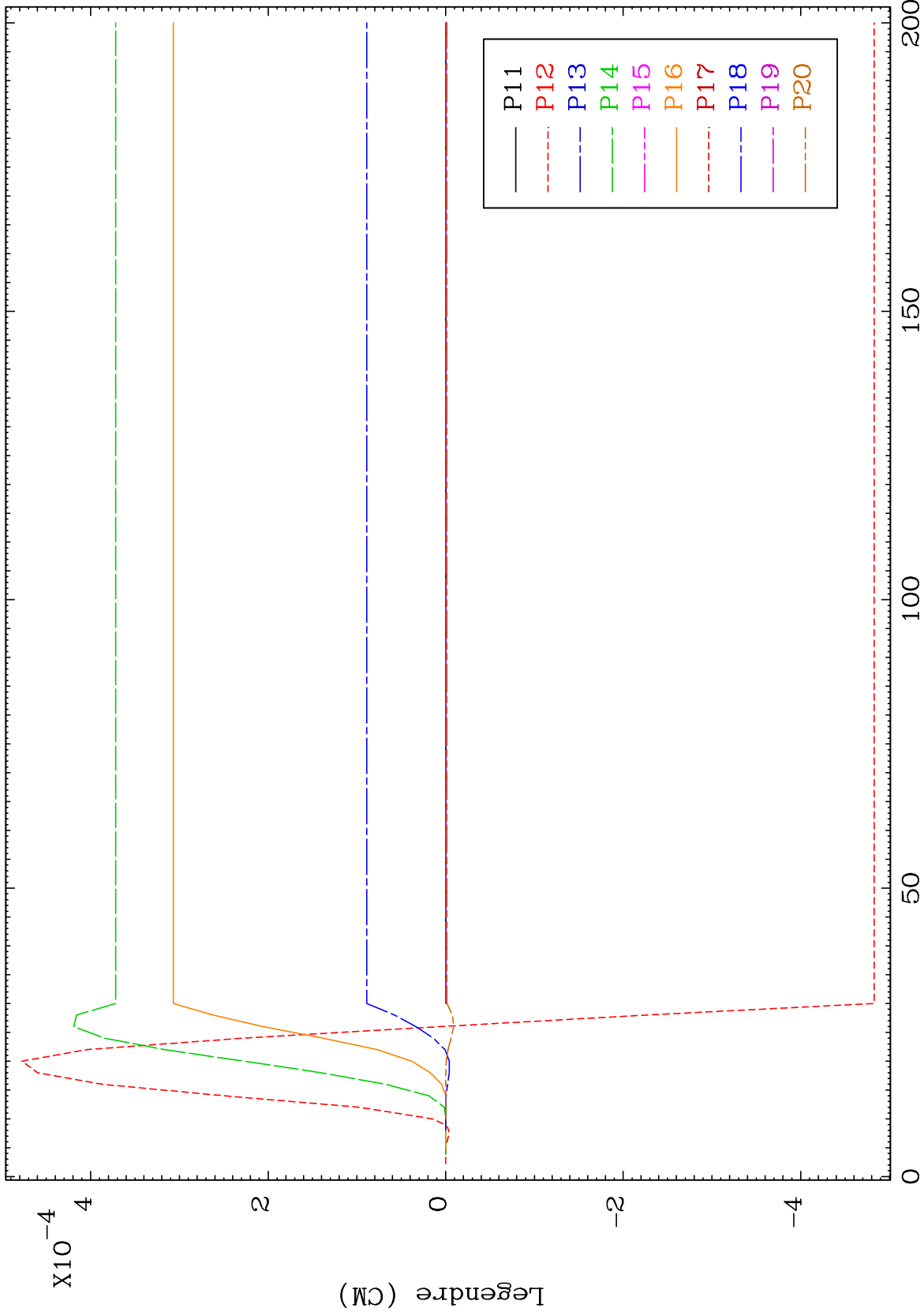
74-W -183

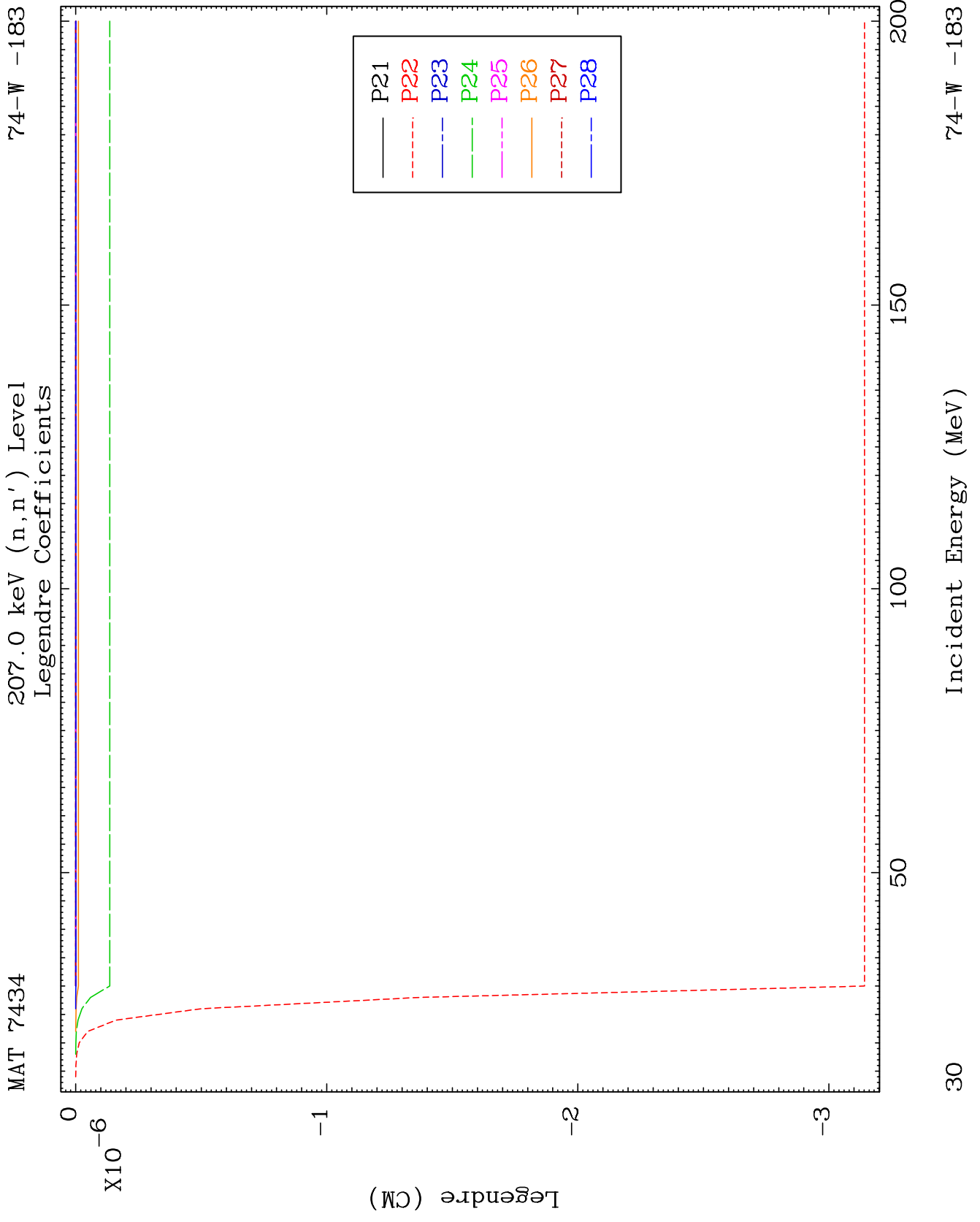


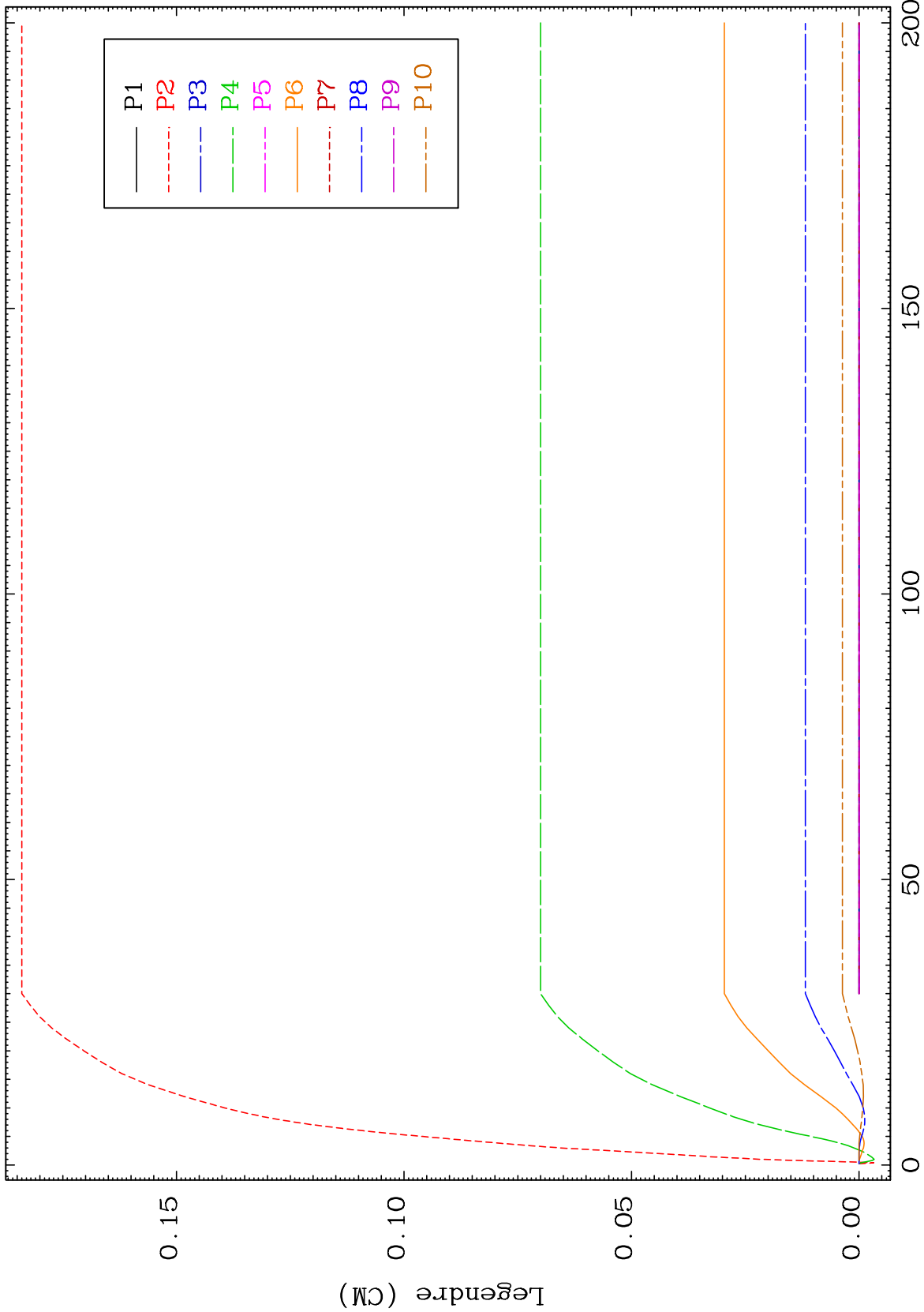
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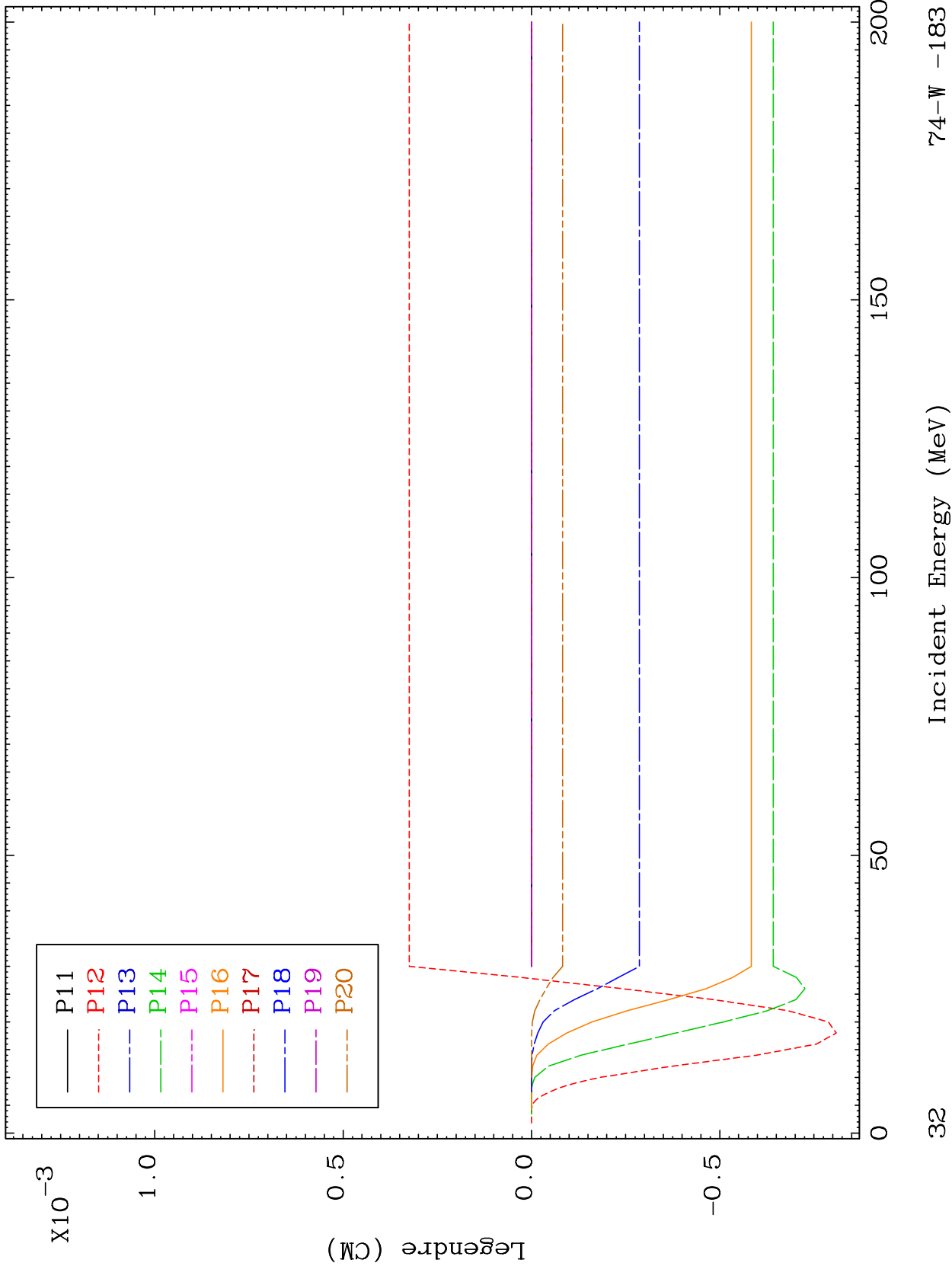
Incident Energy (MeV)

74-W -183





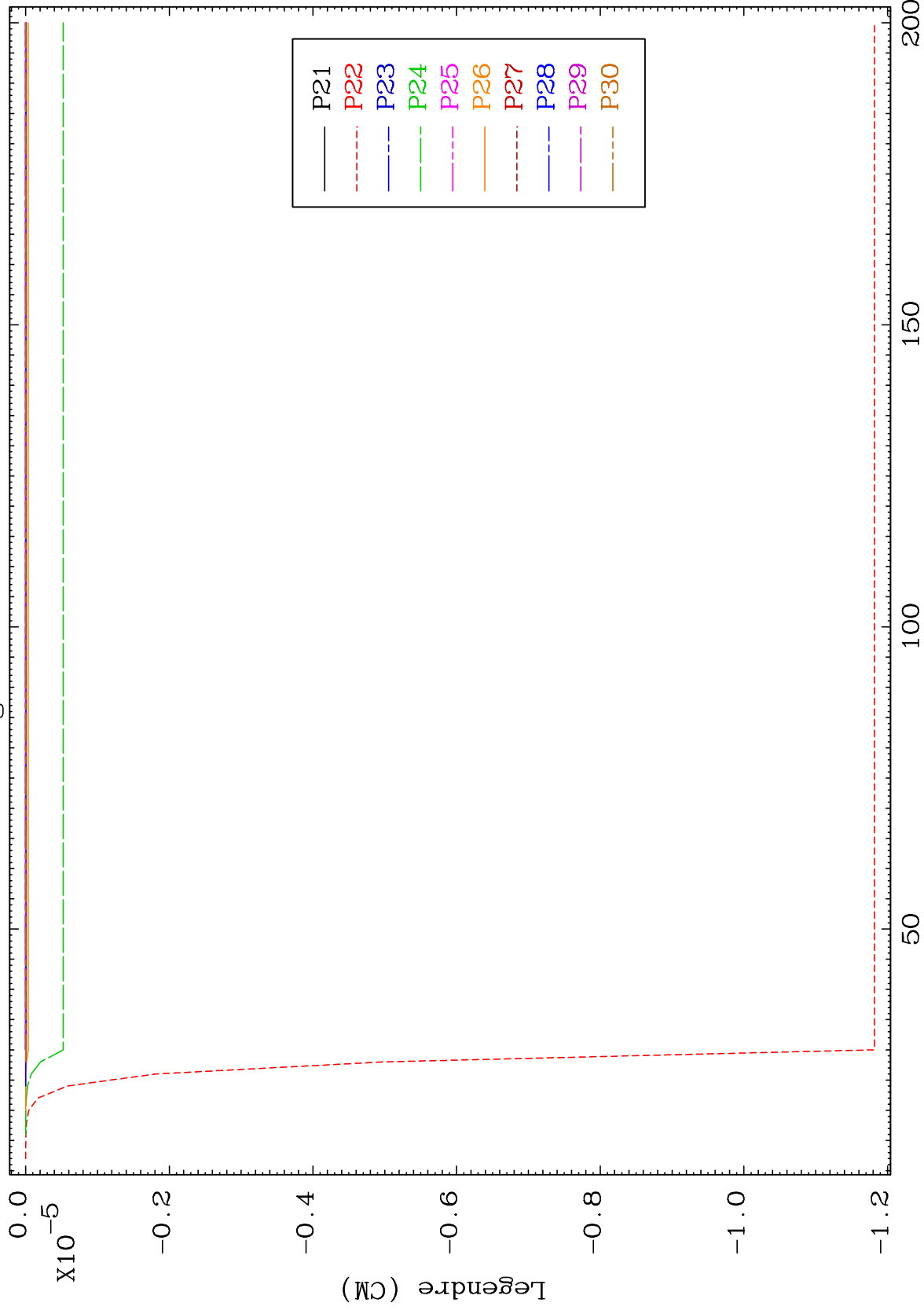




MAT 7434

208.8 keV (n,n') Level
Legendre Coefficients

74-W - 183



33

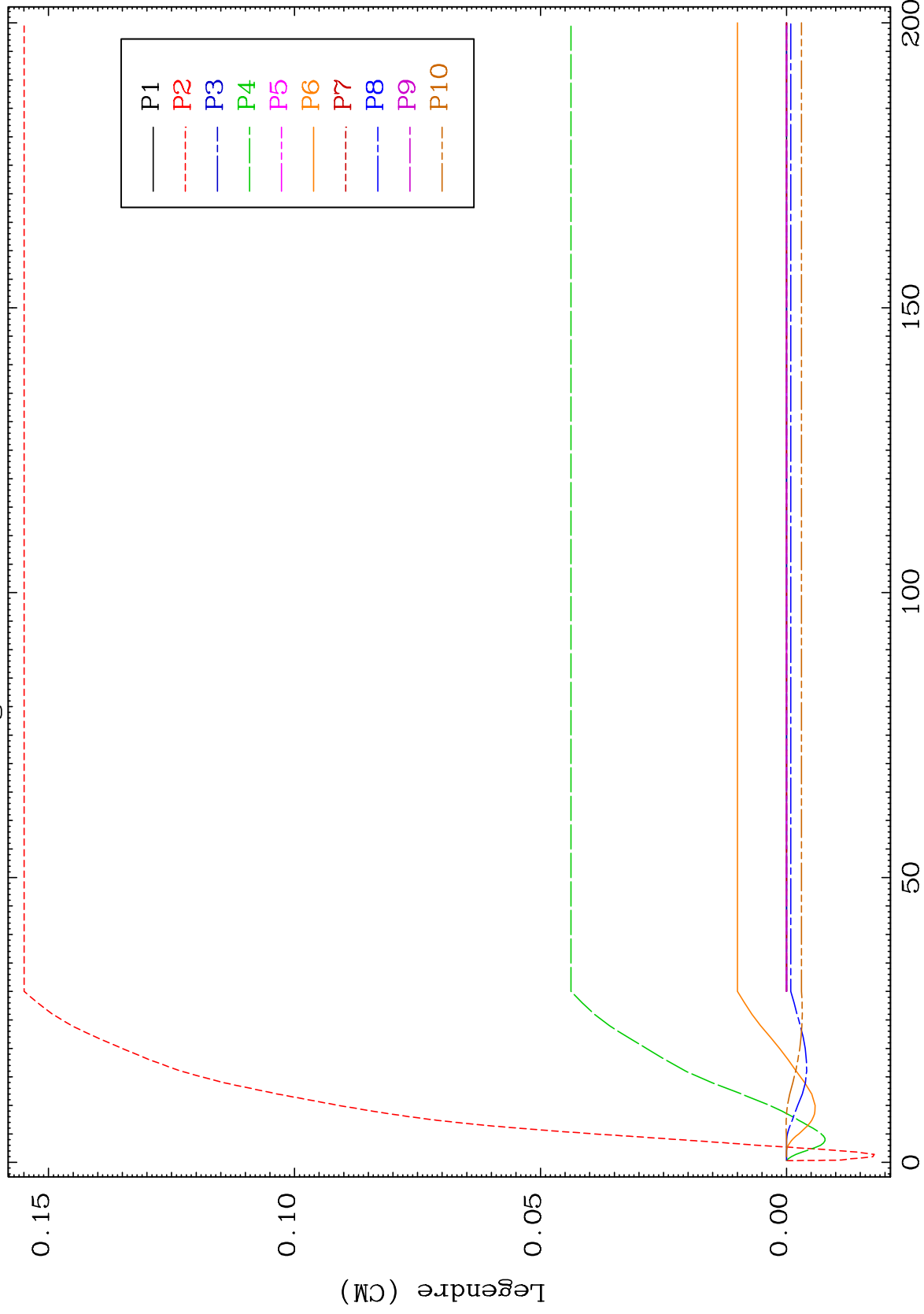
Incident Energy (MeV)

74-W - 183

MAT 7434

291.7 keV (n,n') Level
Legendre Coefficients

74-W -183



34

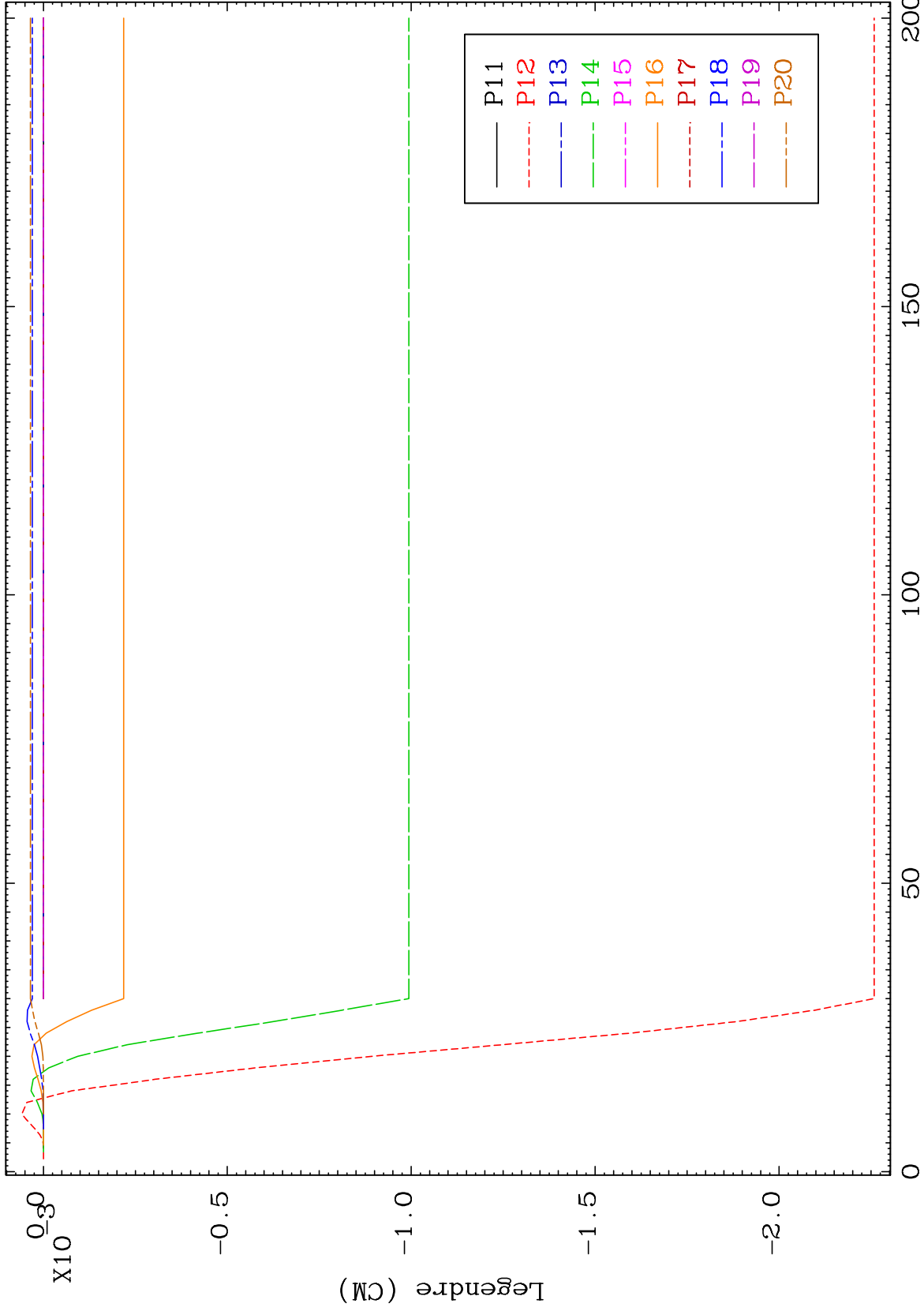
Incident Energy (MeV)

74-W -183

MAT 7434

291.7 keV (n,n') Level
Legendre Coefficients

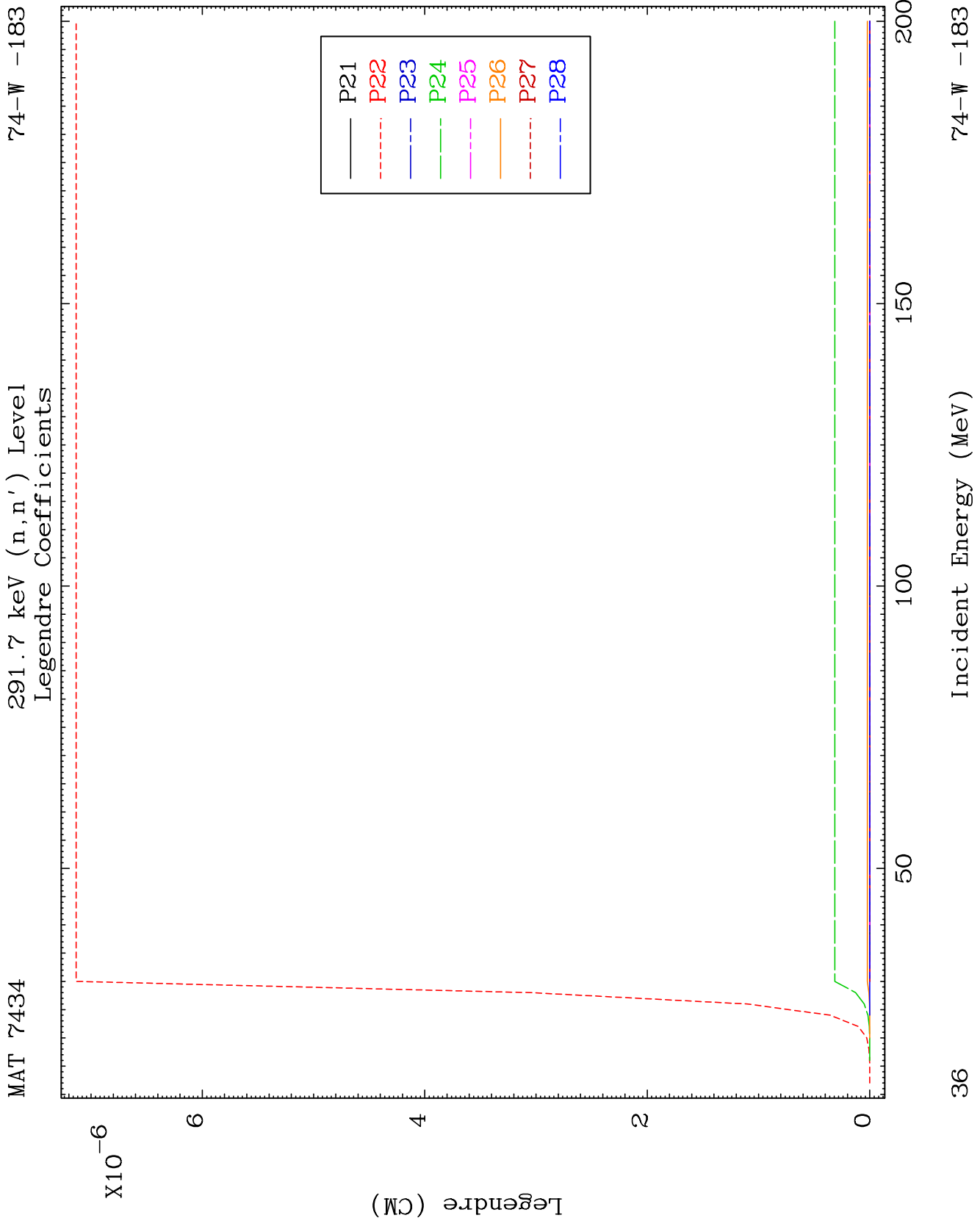
74-W -183



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Incident Energy (MeV)

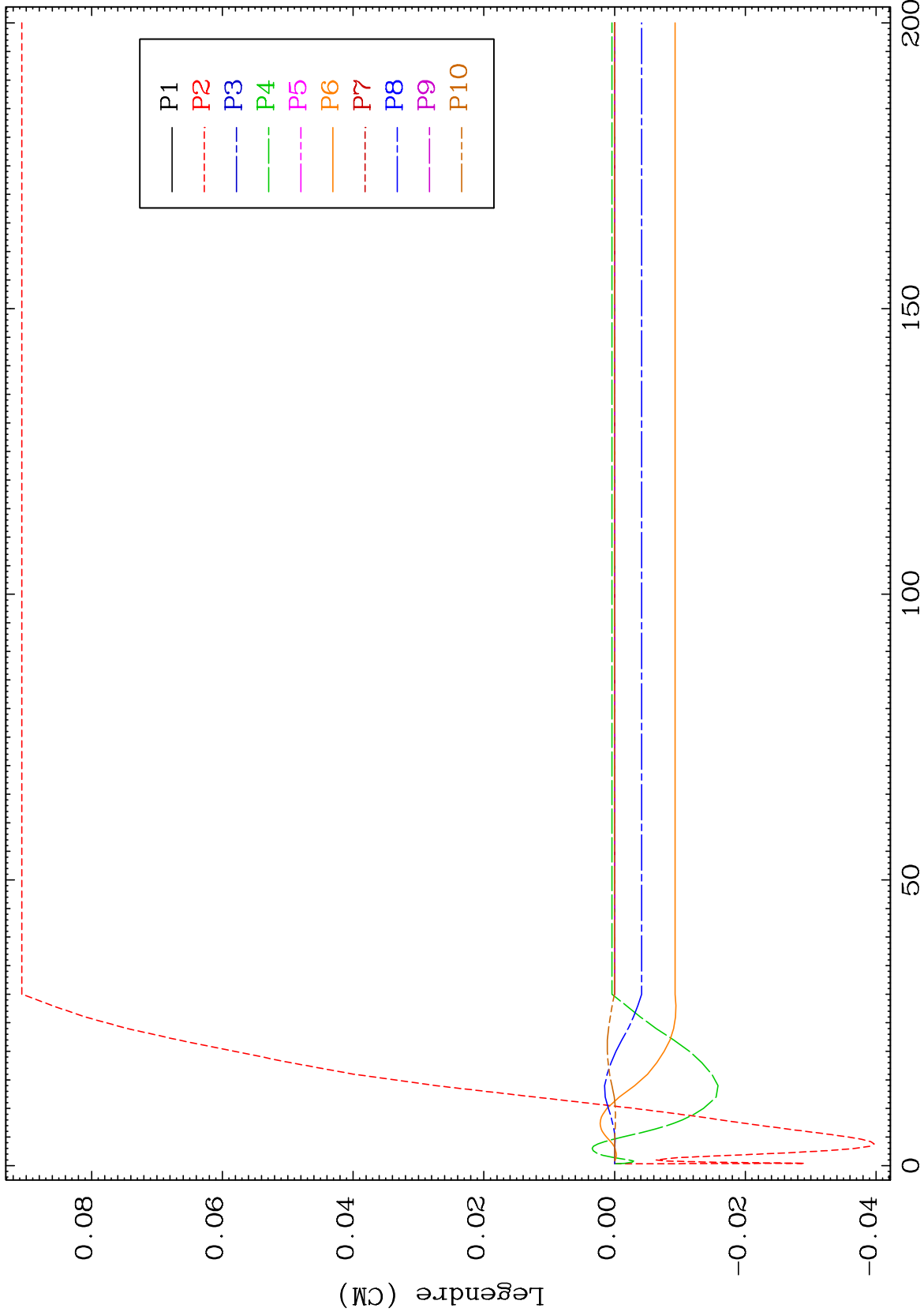
74-W -183



MAT 7434

308.9 keV (n,n') Level
Legendre Coefficients

74-W -183



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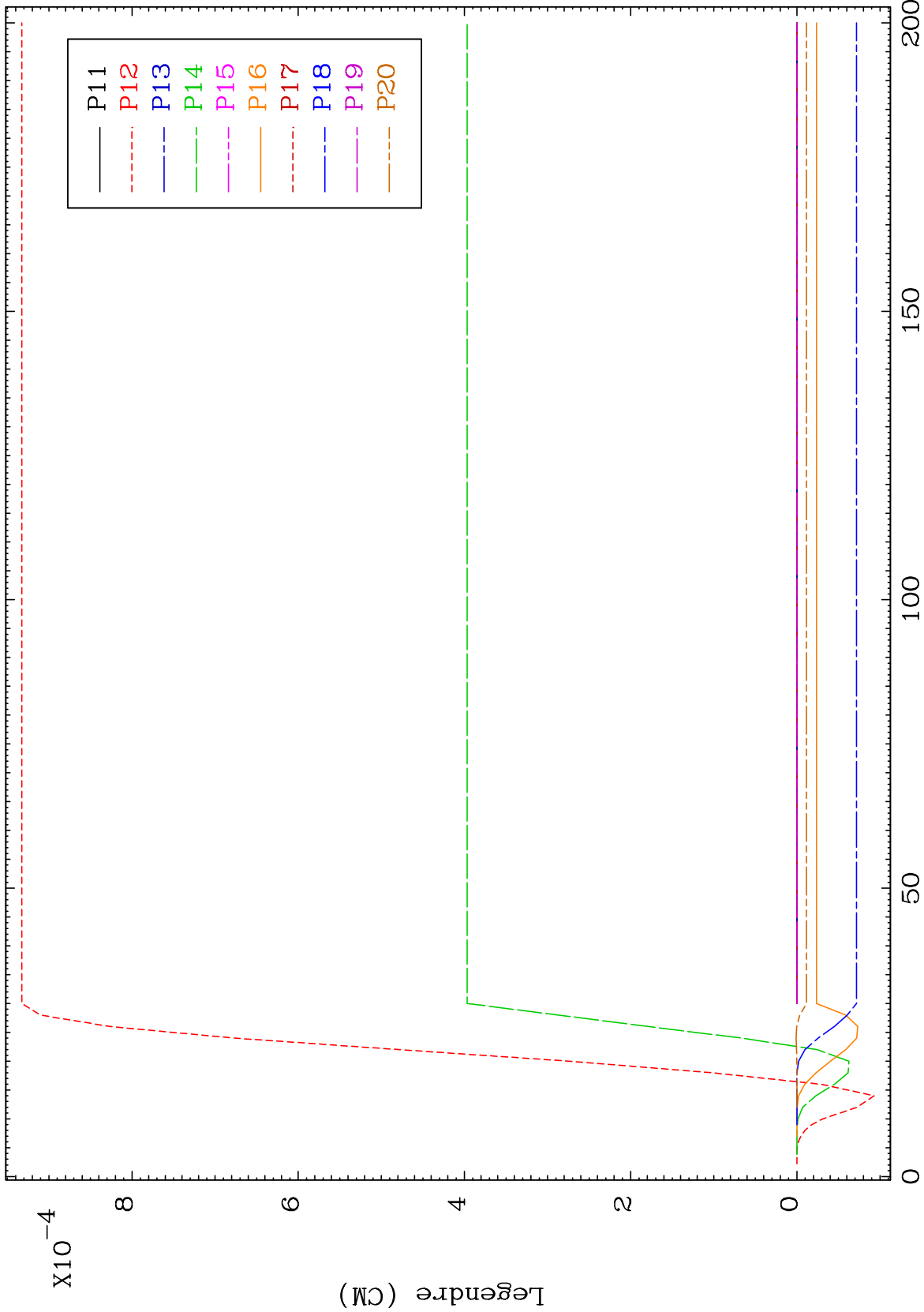
Incident Energy (MeV)

74-W -183

MAT 7434

308.9 keV (n,n') Level
Legendre Coefficients

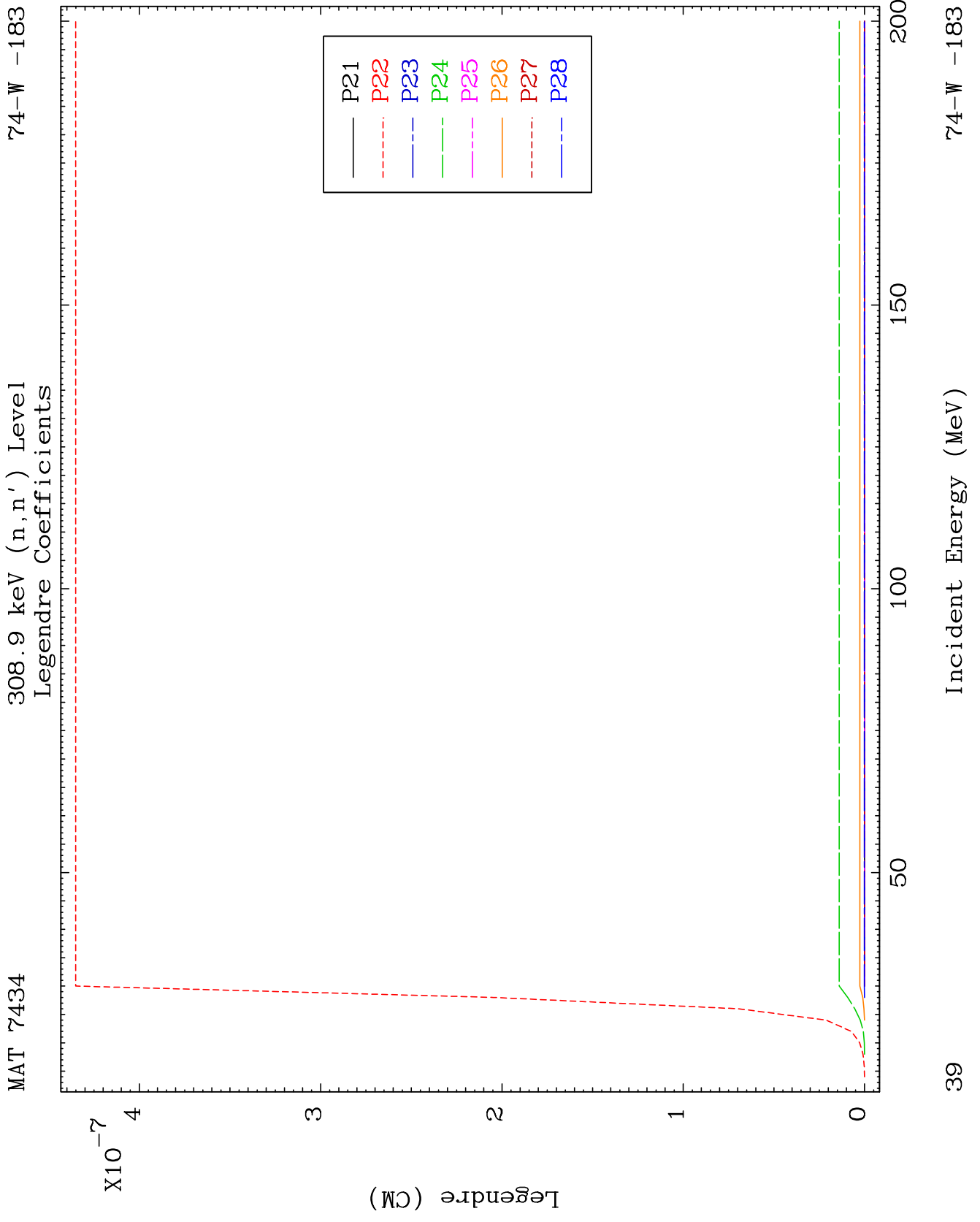
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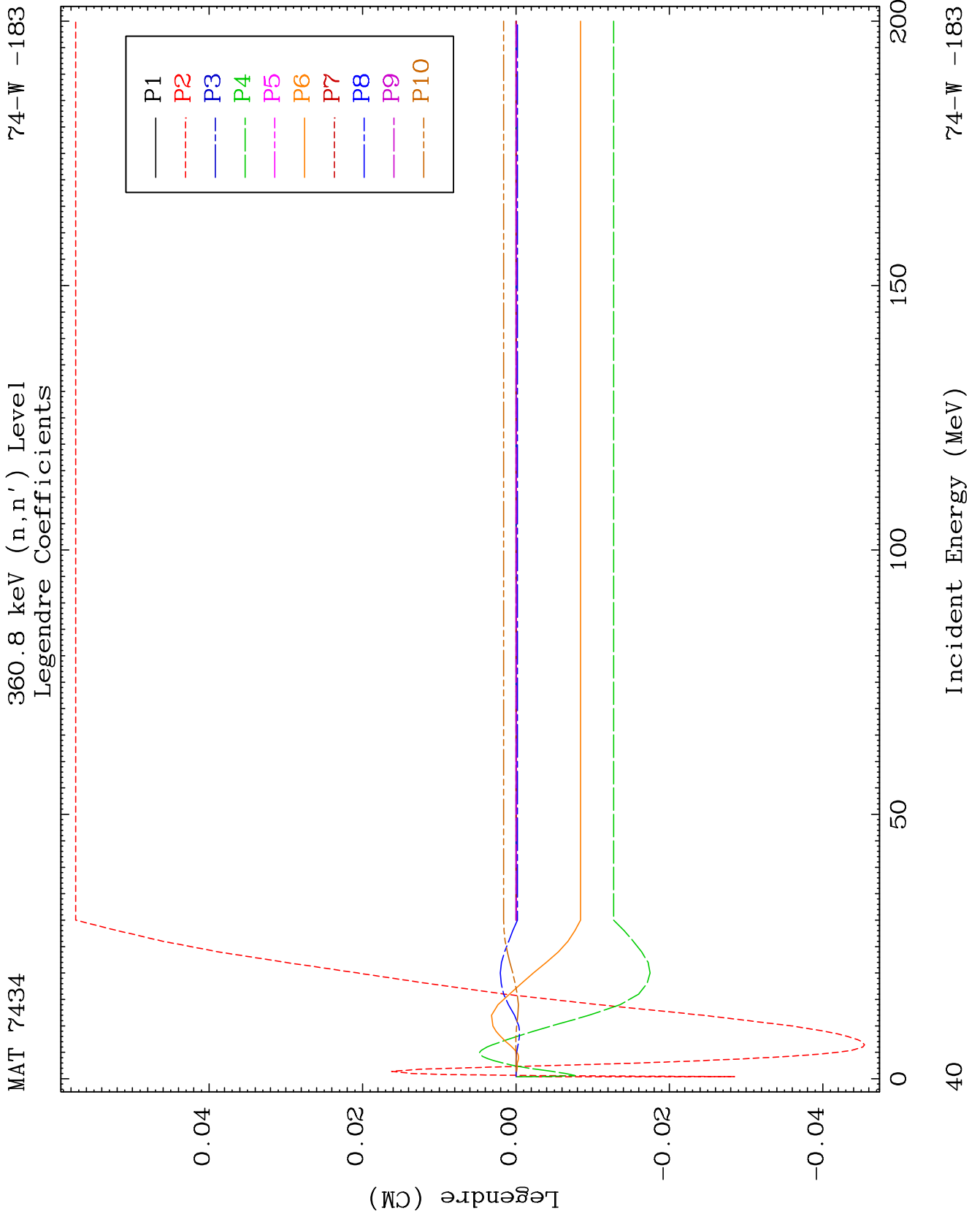


38

Incident Energy (MeV)

74-W -183

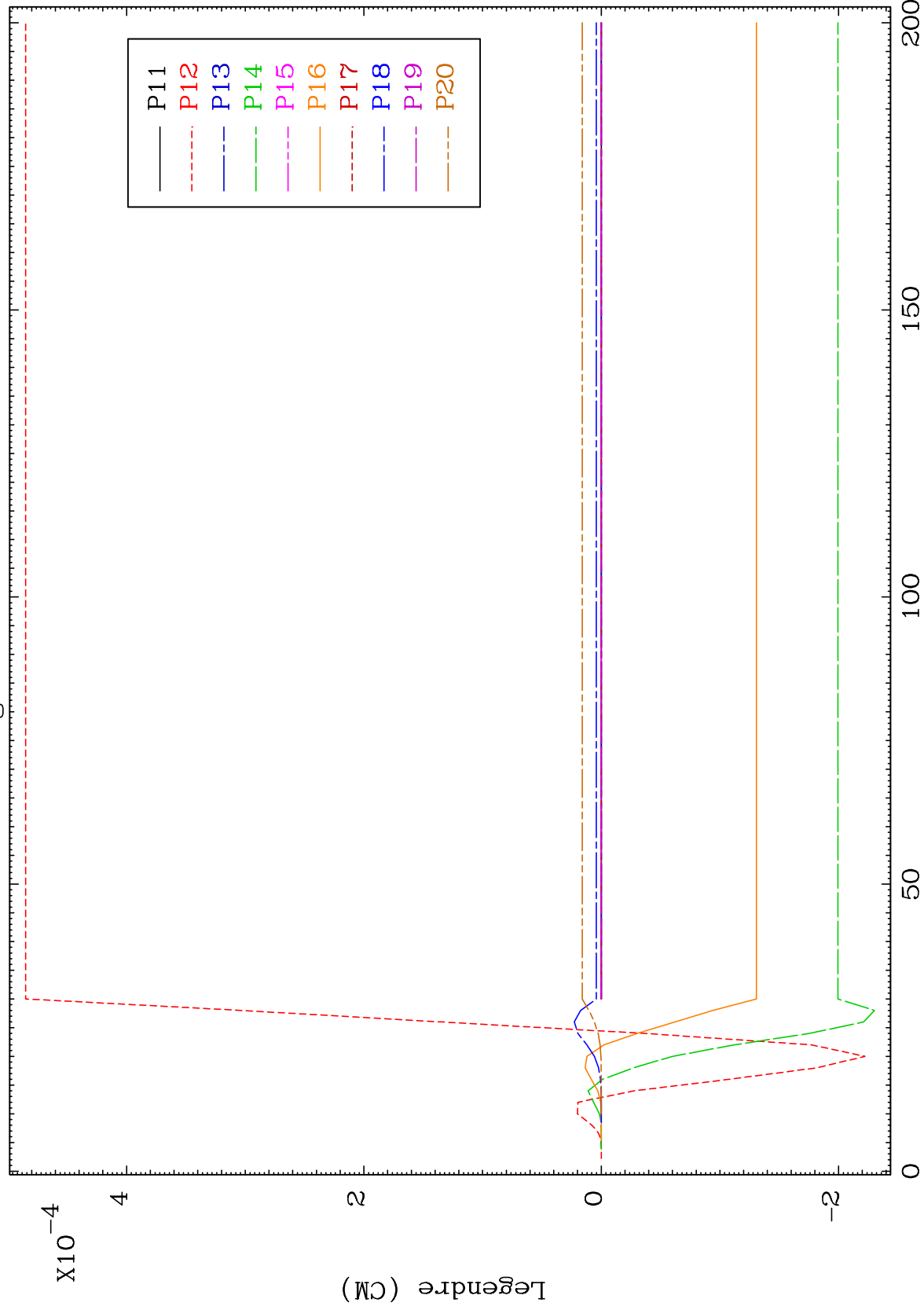




MAT 7434

360.8 keV (n,n') Level
Legendre Coefficients

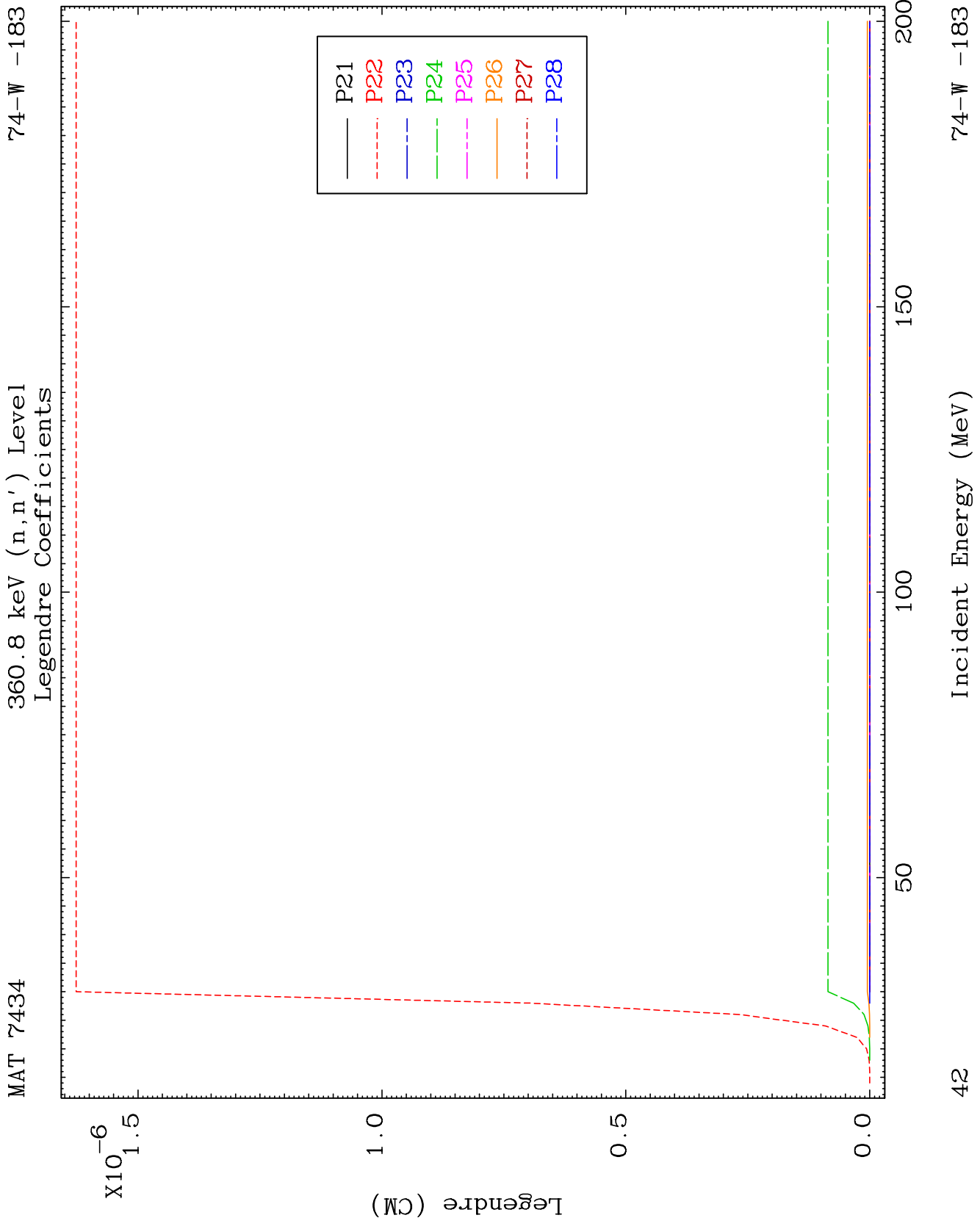
74-W -183



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Incident Energy (MeV)

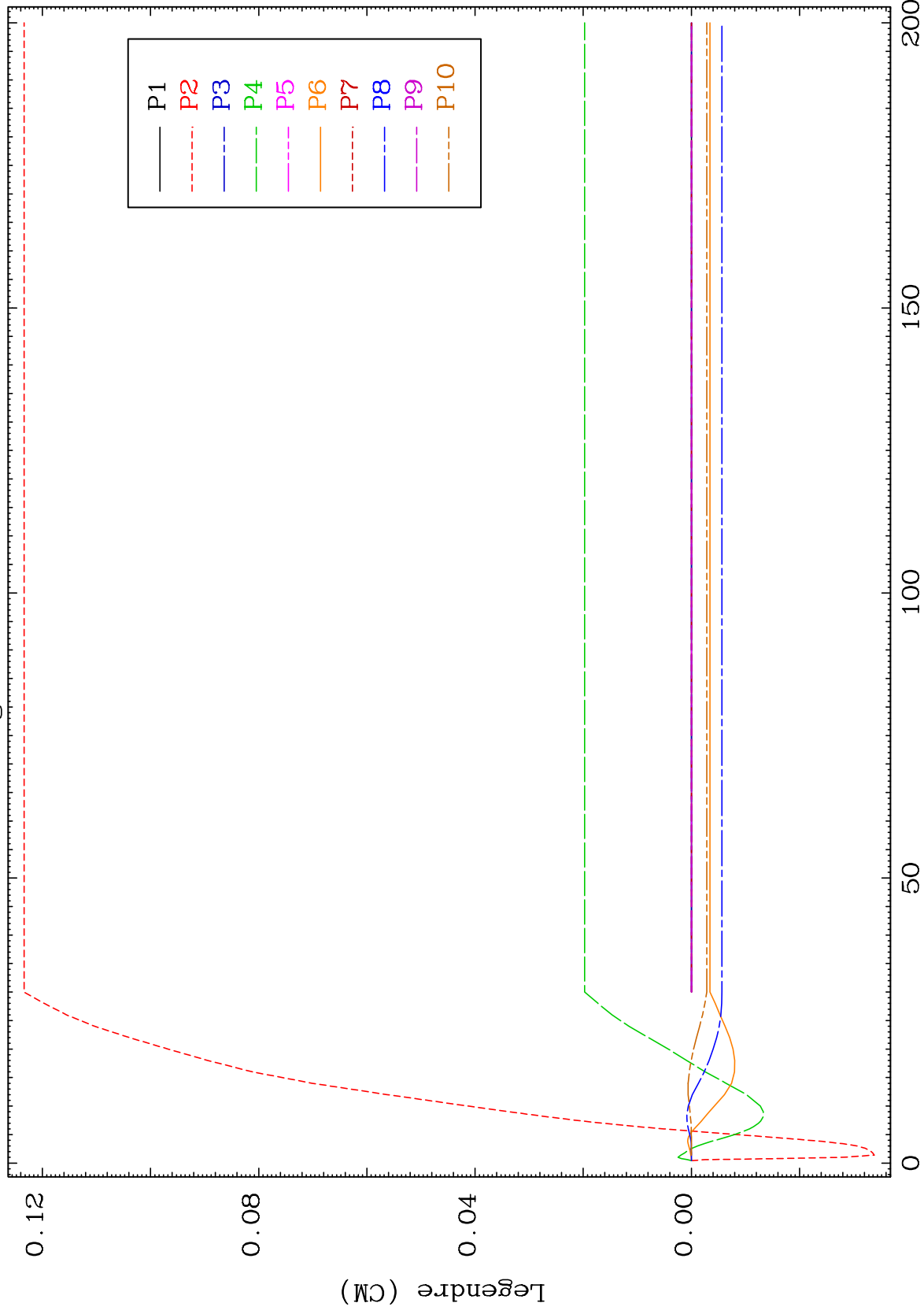
74-W -183



MAT 7434

412.1 keV (n,n') Level
Legendre Coefficients

74-W -183



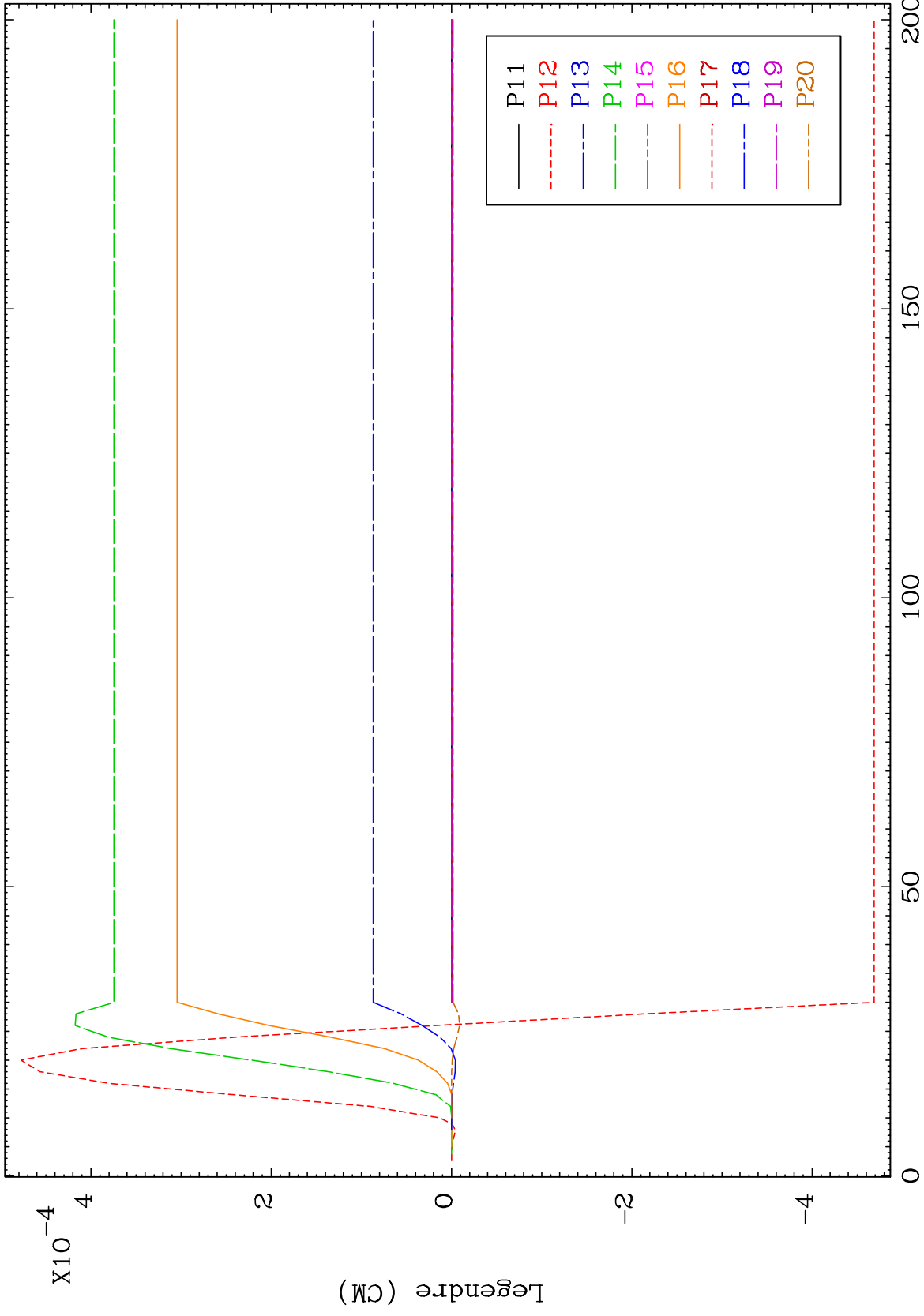
43

74-W -183

MAT 7434

412.1 keV (n,n') Level
Legendre Coefficients

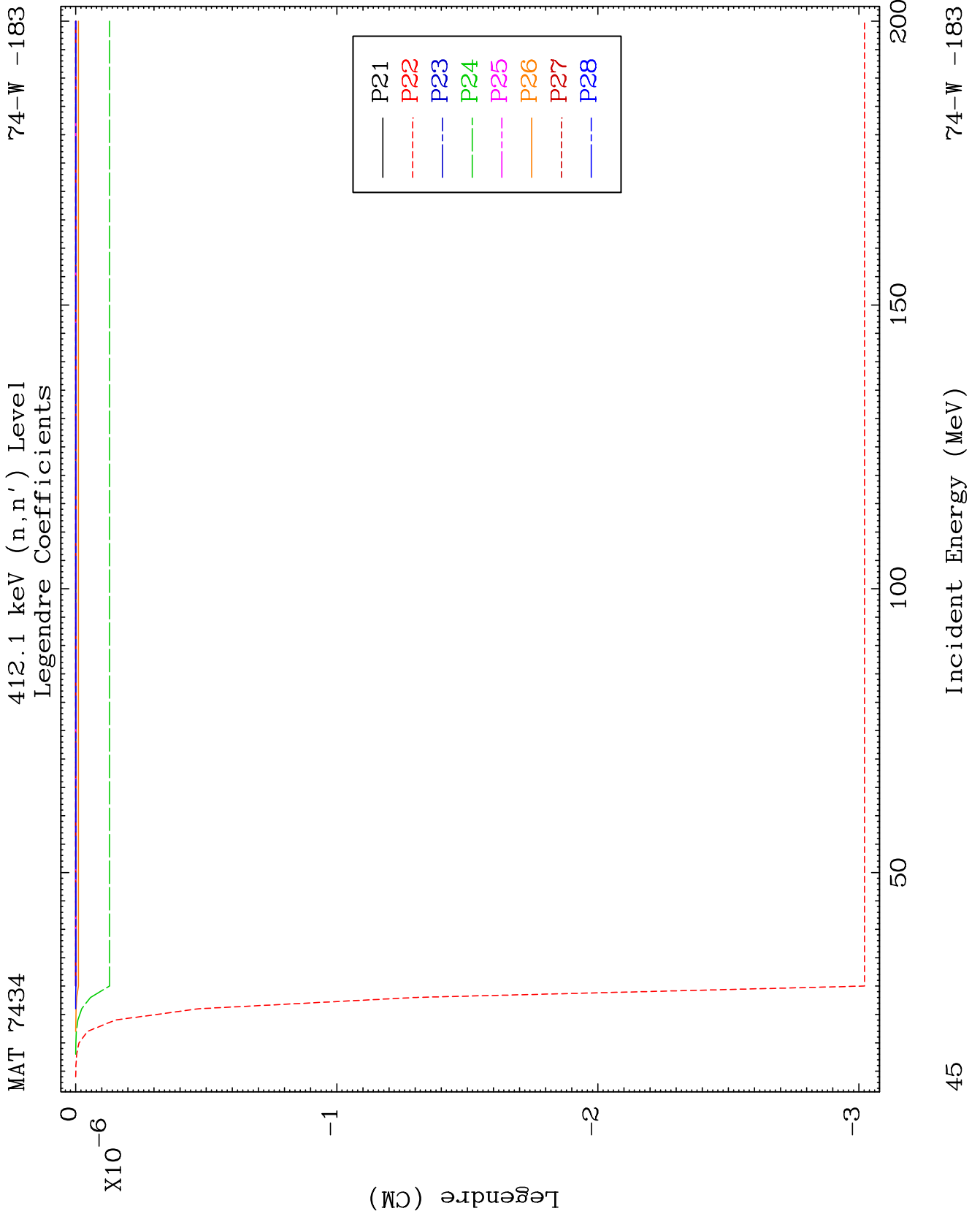
74-W -183



44

Incident Energy (MeV)

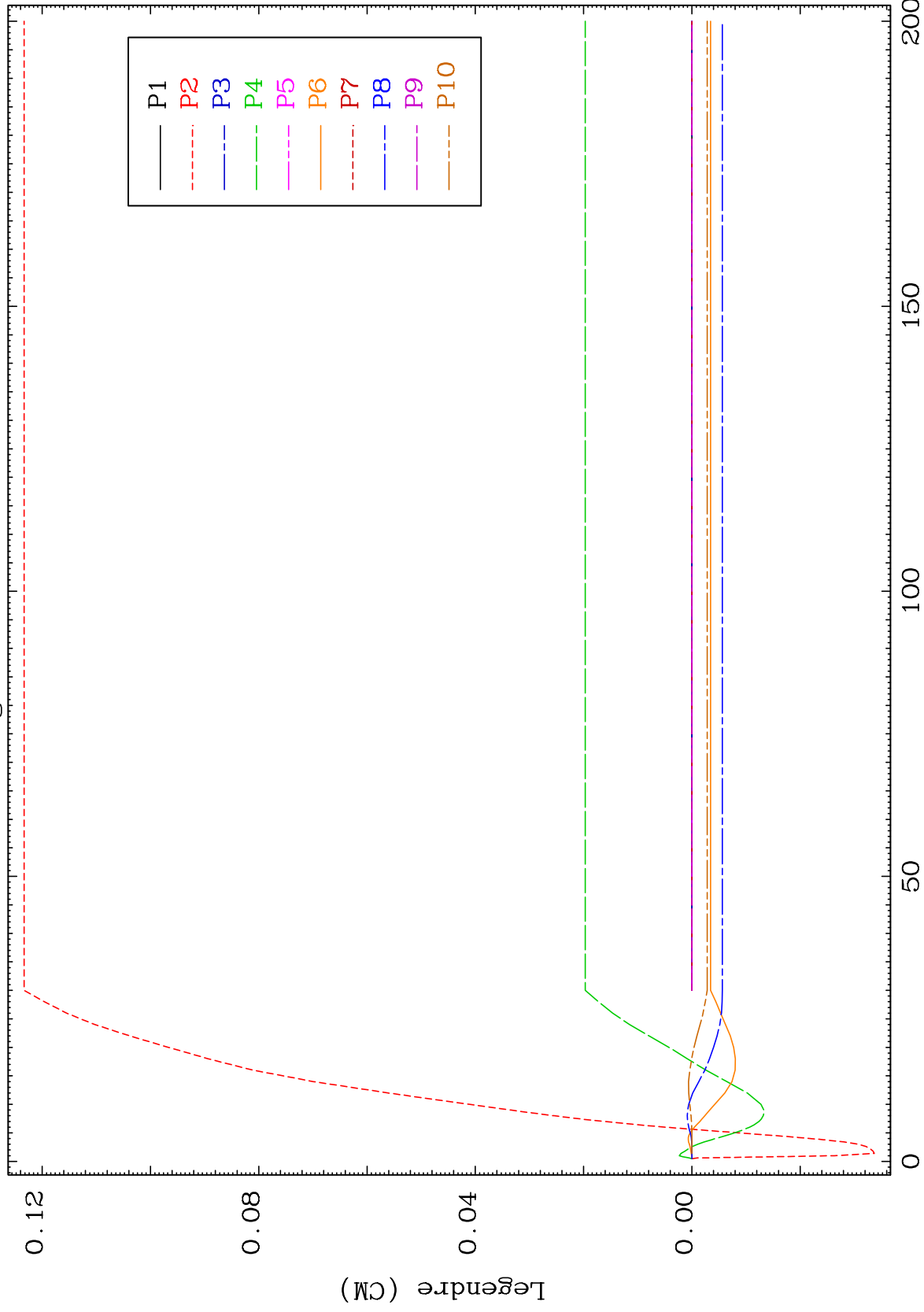
74-W -183



MAT 7434

453.1 keV (n,n') Level
Legendre Coefficients

74-W -183



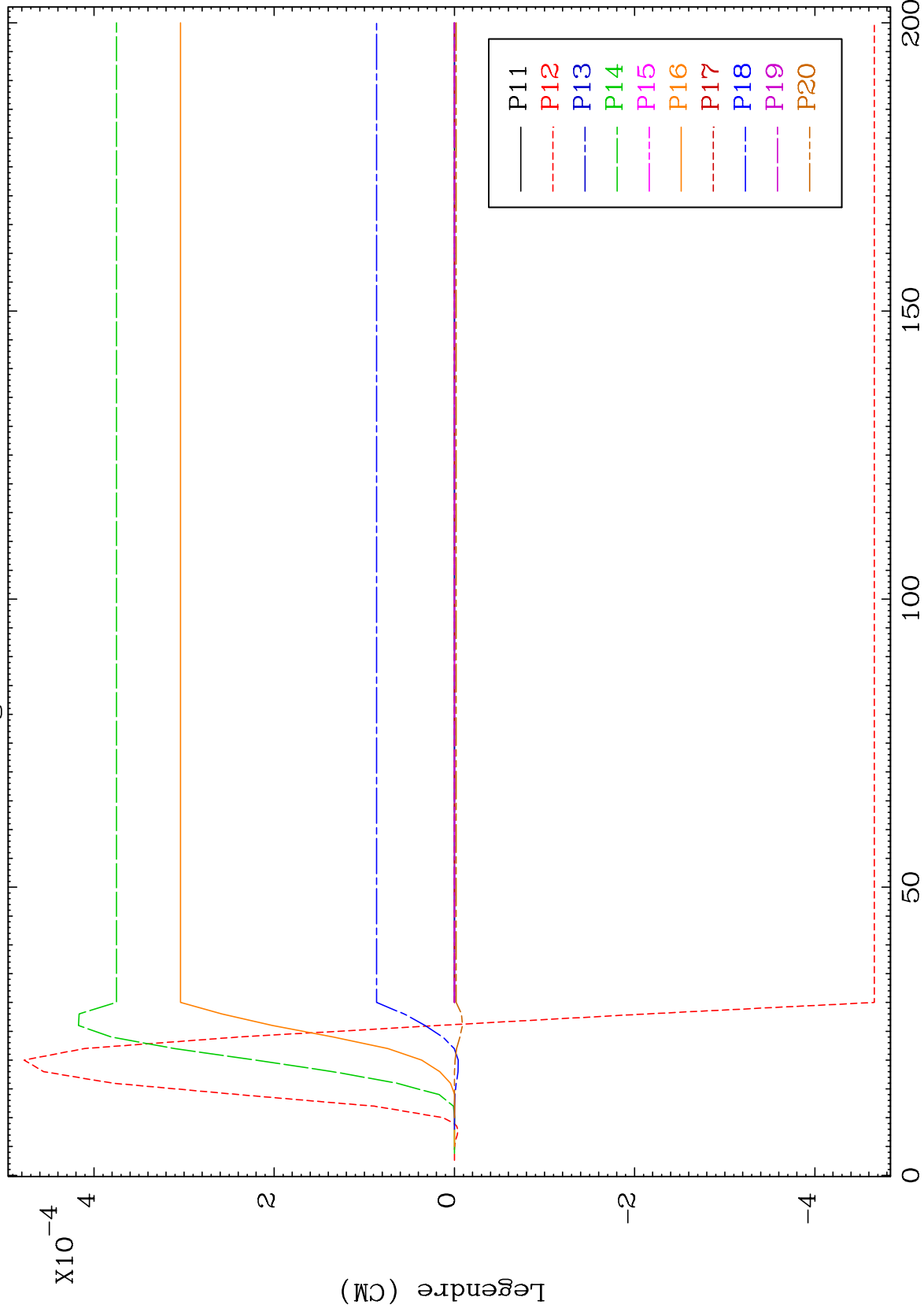
46

74-W -183

MAT 7434

453.1 keV (n,n') Level
Legendre Coefficients

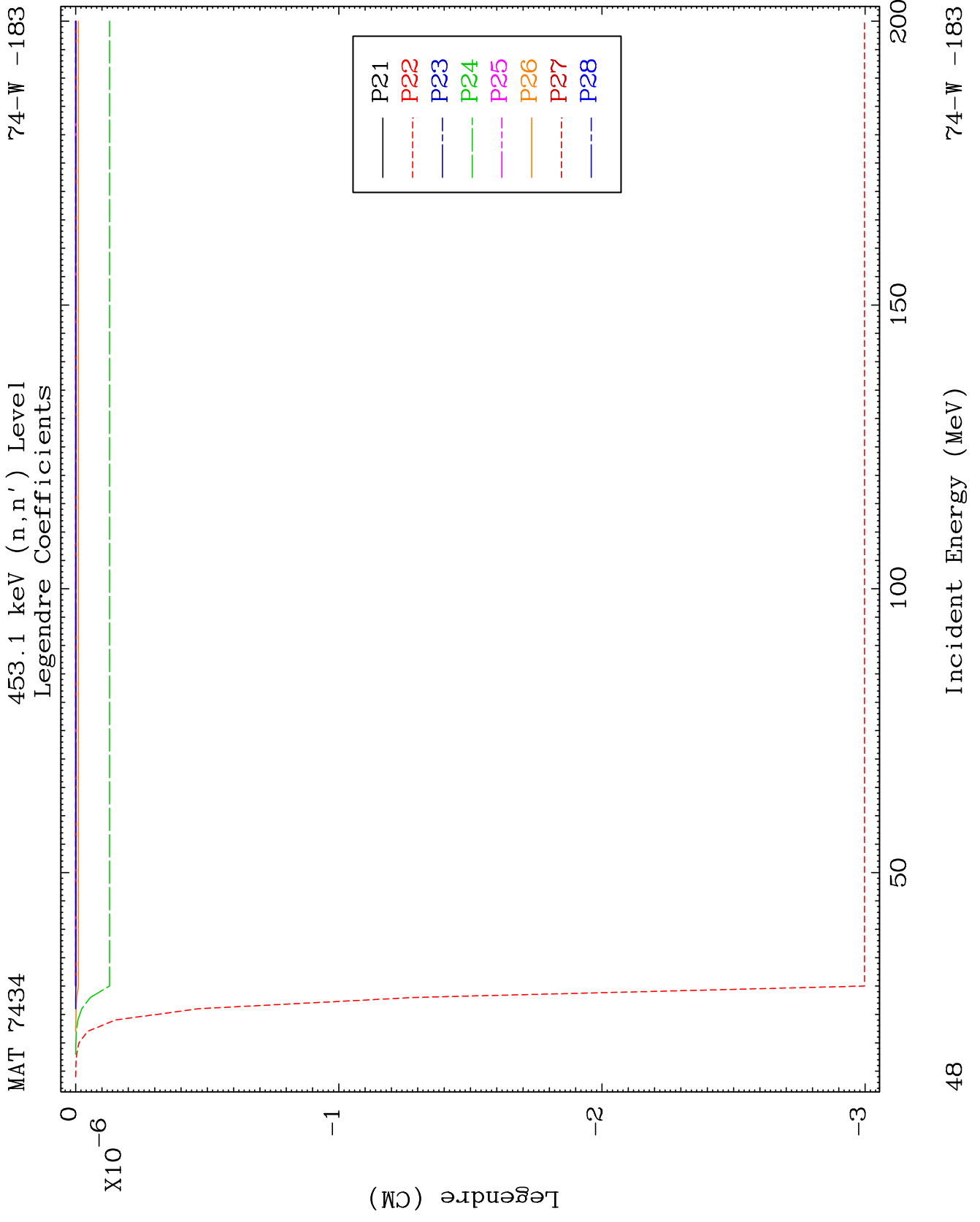
74-W -183



47

Incident Energy (MeV)

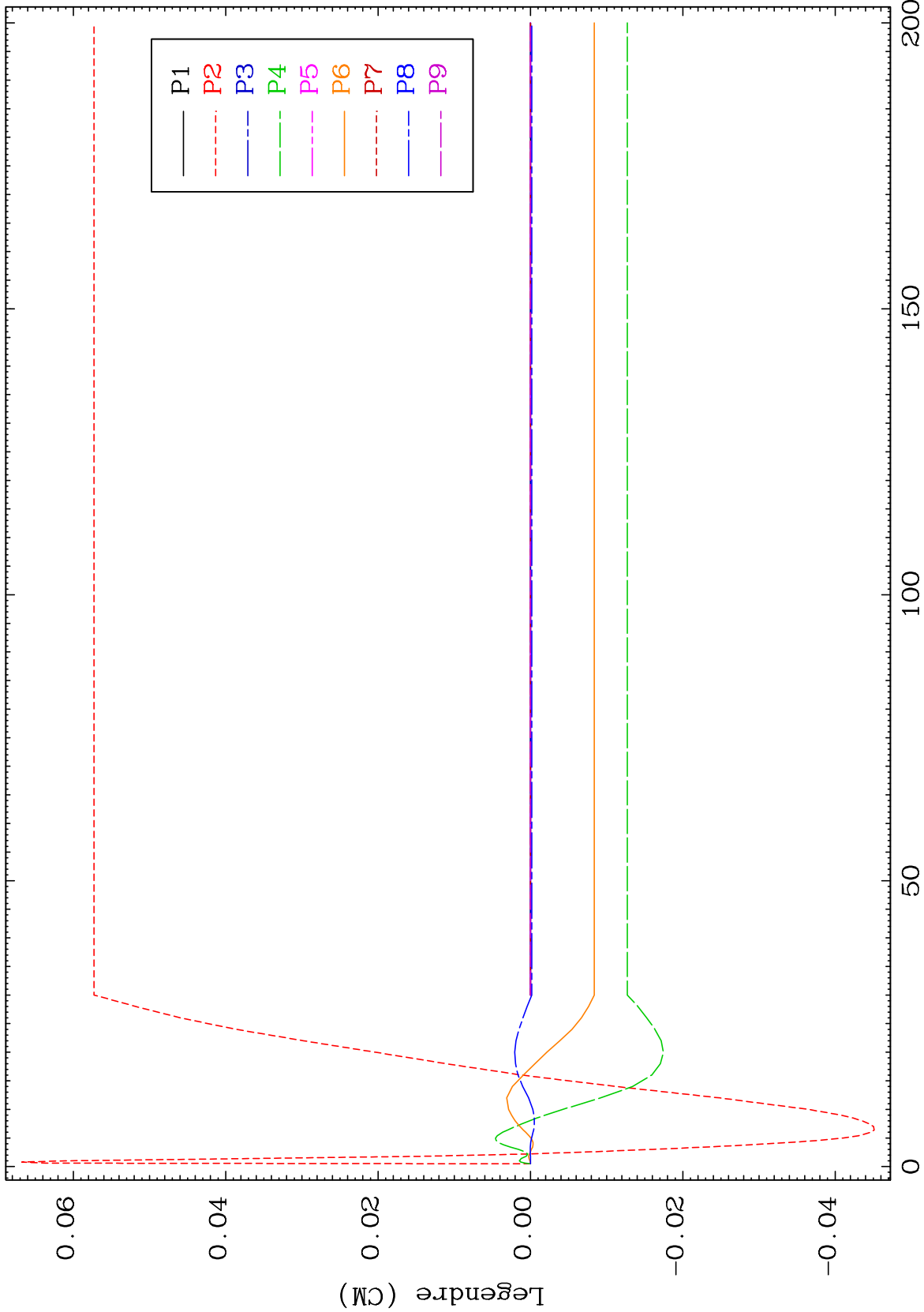
74-W -183



MAT 7434

475.4 keV (n,n') Level
Legendre Coefficients

74-W -183



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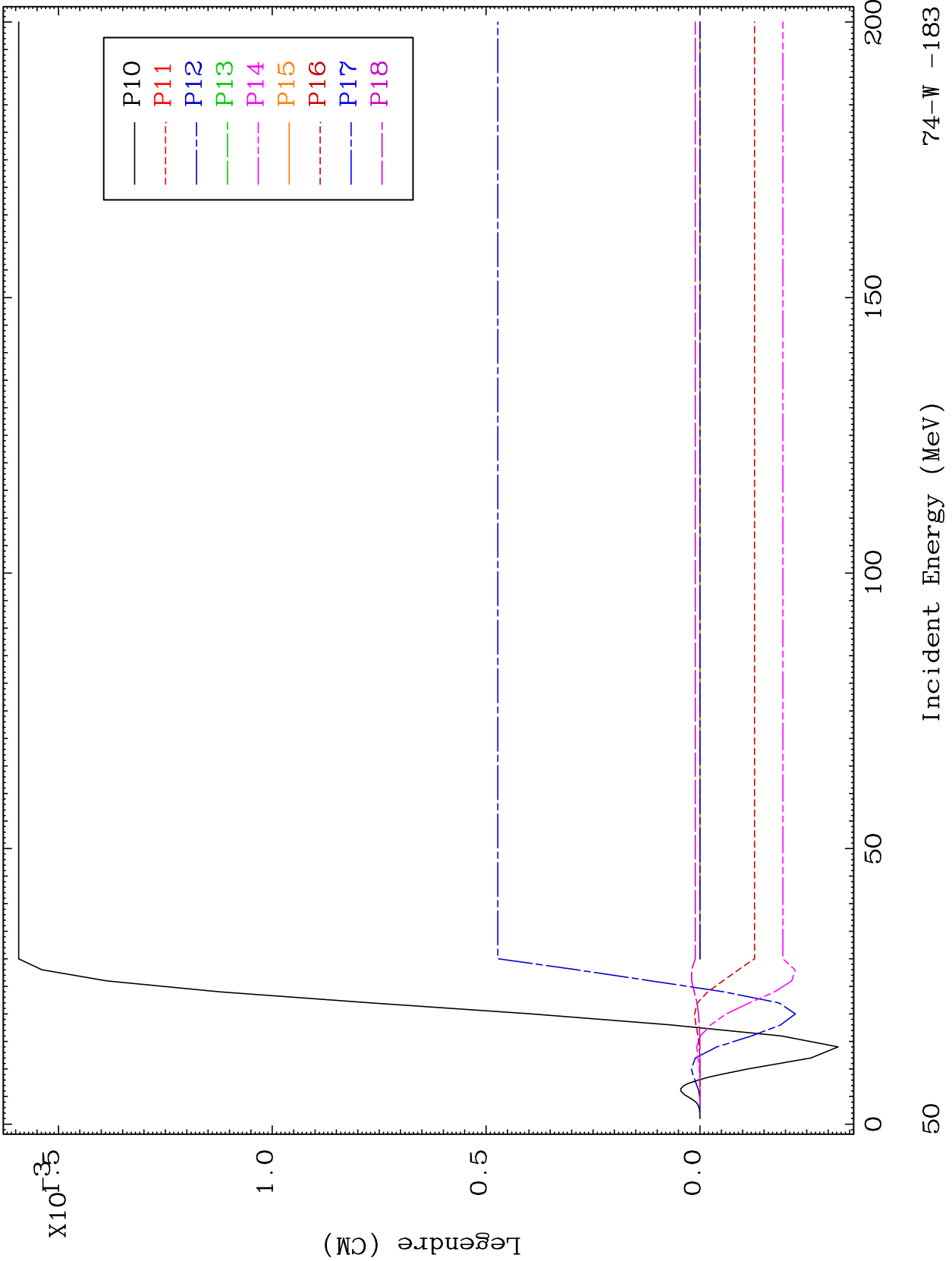
Incident Energy (MeV)

74-W -183

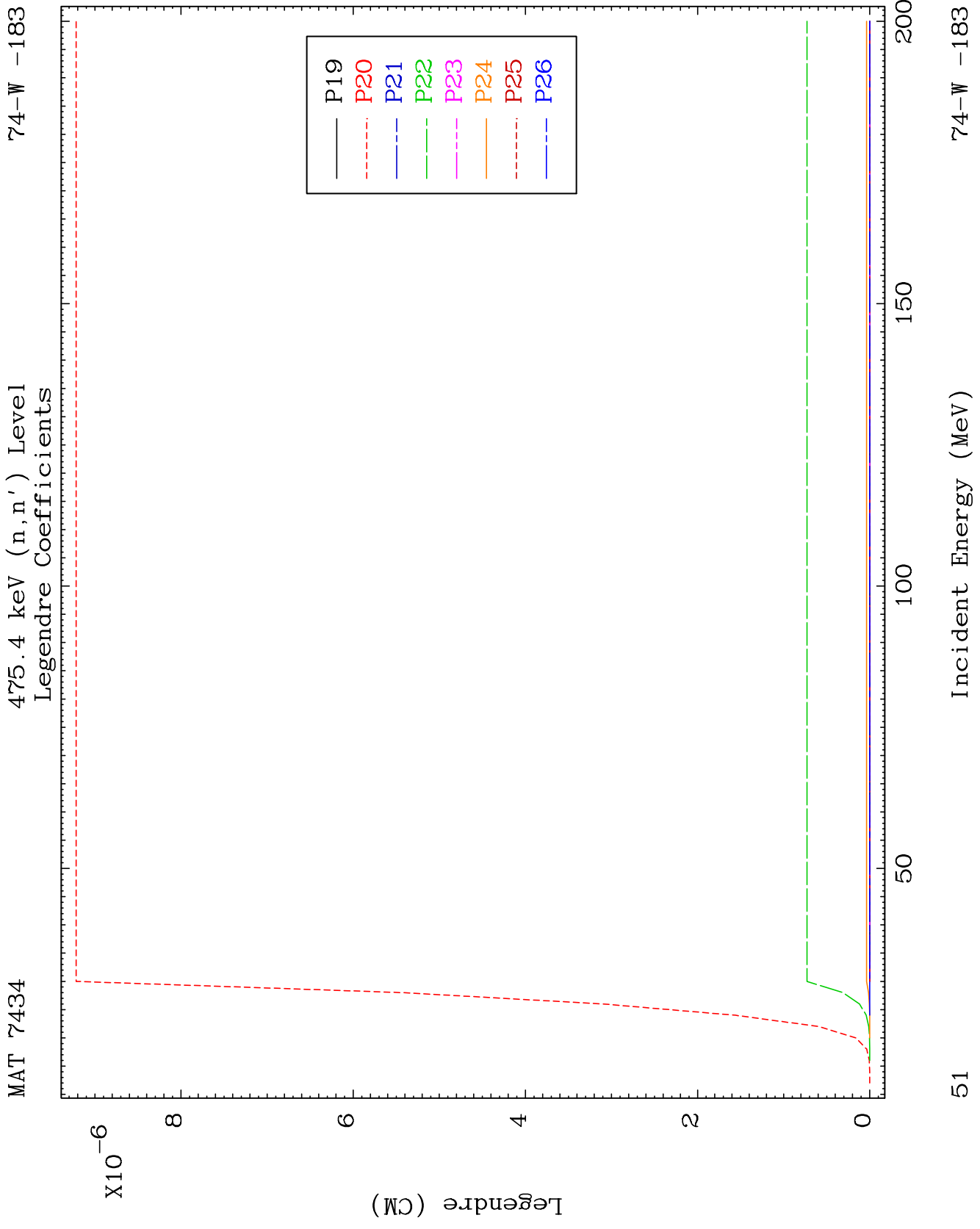
MAT 7434

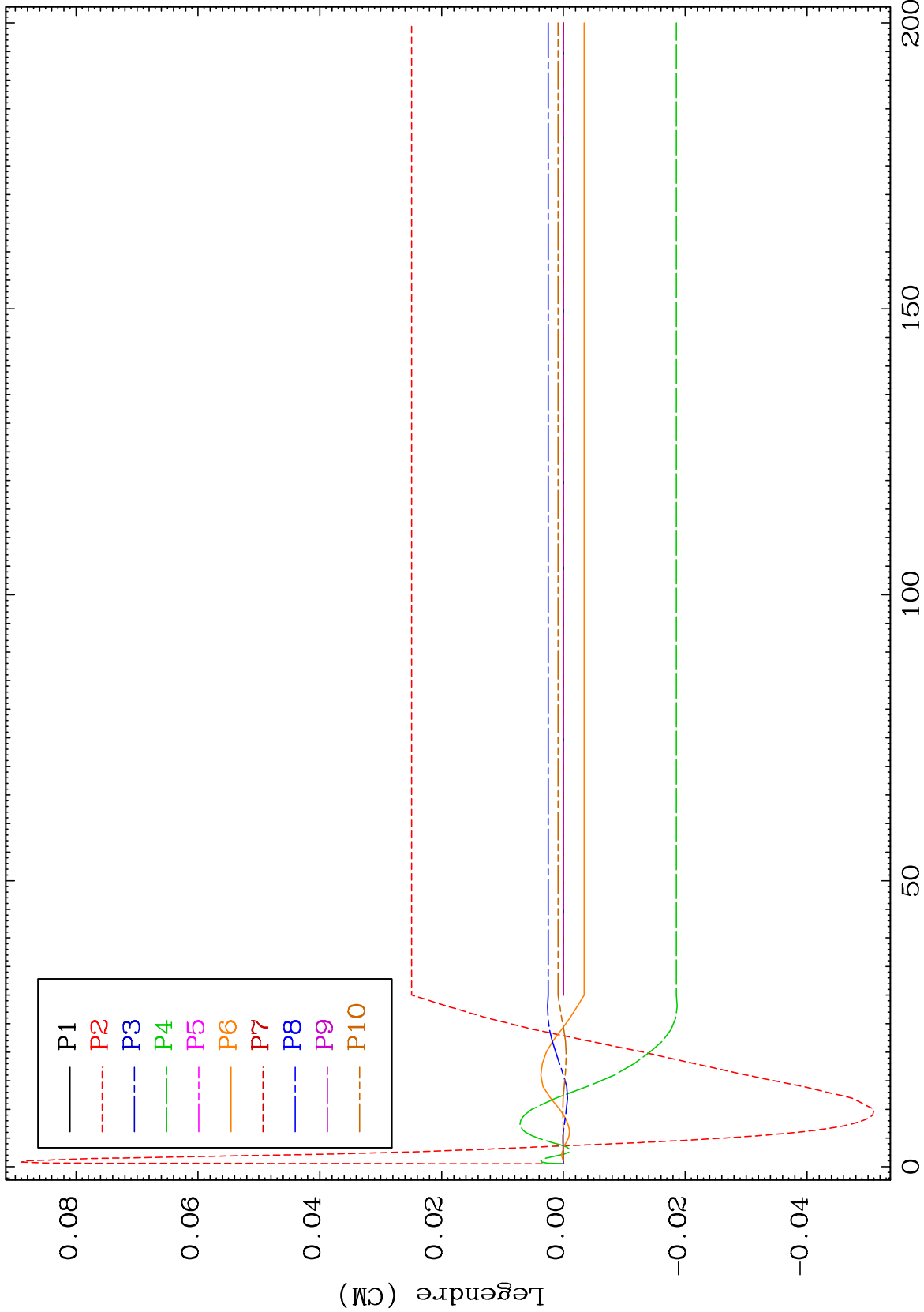
475.4 keV (n,n') Level
Legendre Coefficients

74-W -183



74-W -183

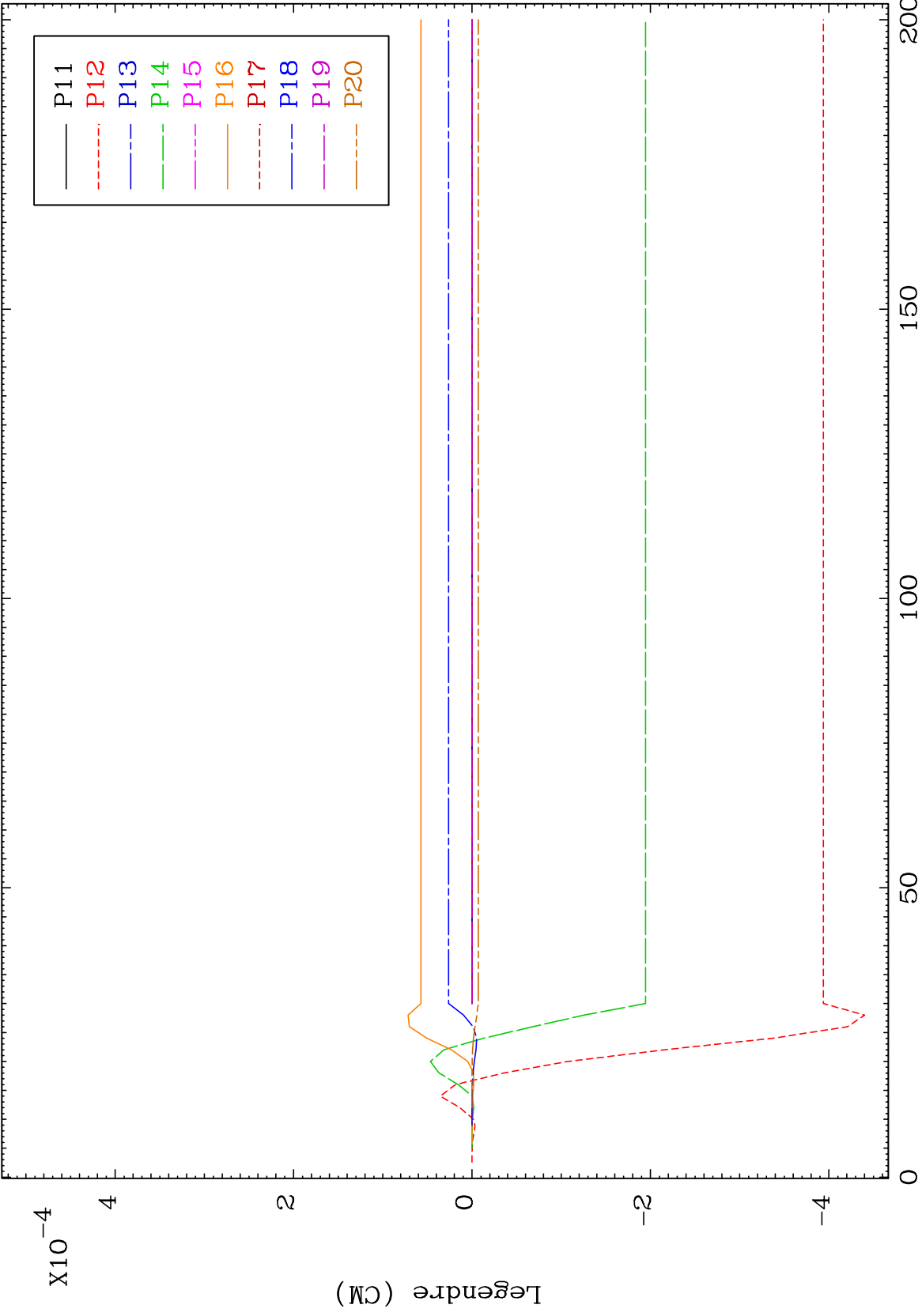




MAT 7434

487.0 keV (n,n') Level
Legendre Coefficients

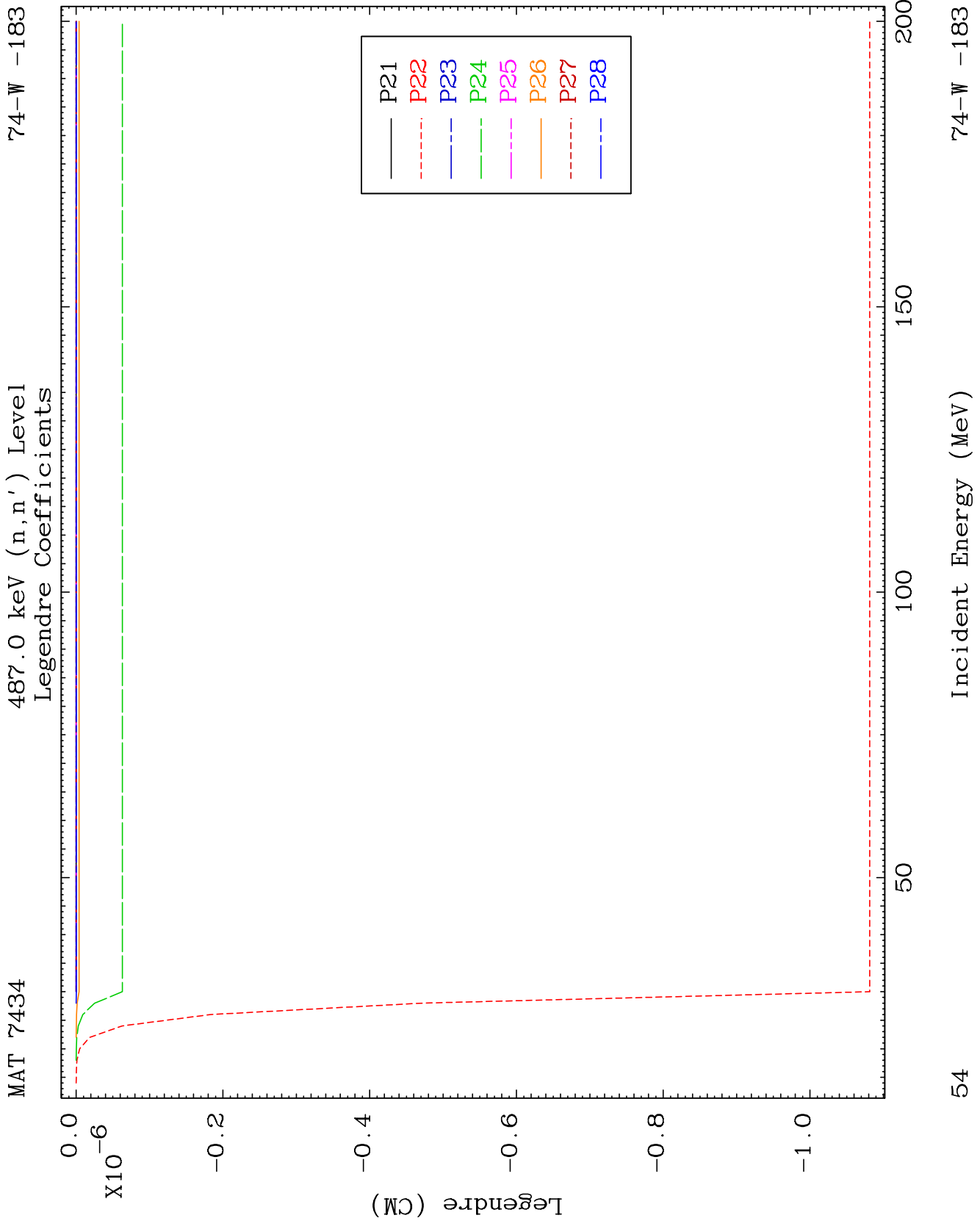
74-W -183



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Incident Energy (MeV)

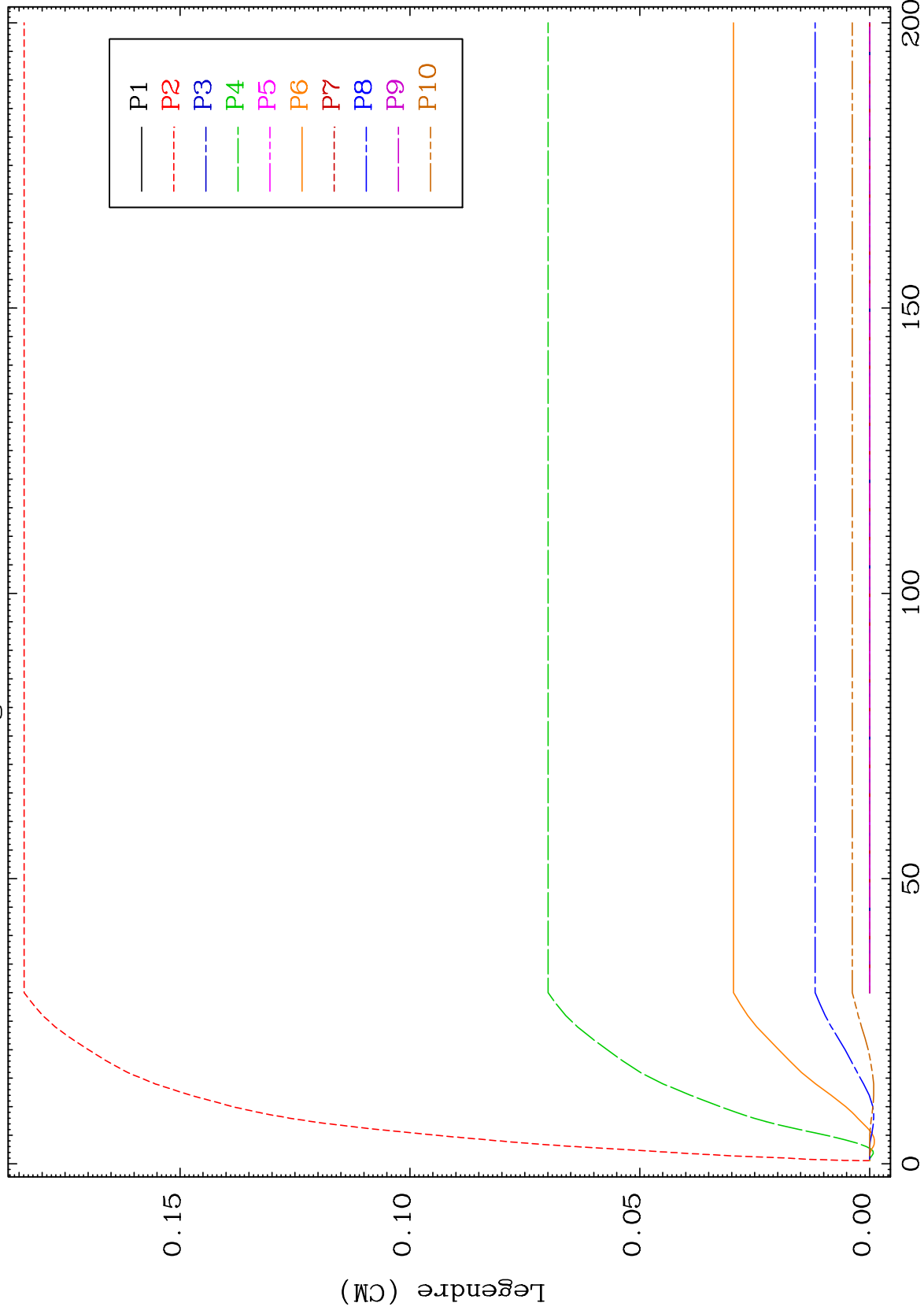
74-W -183



MAT 7434

533.0 keV (n,n') Level
Legendre Coefficients

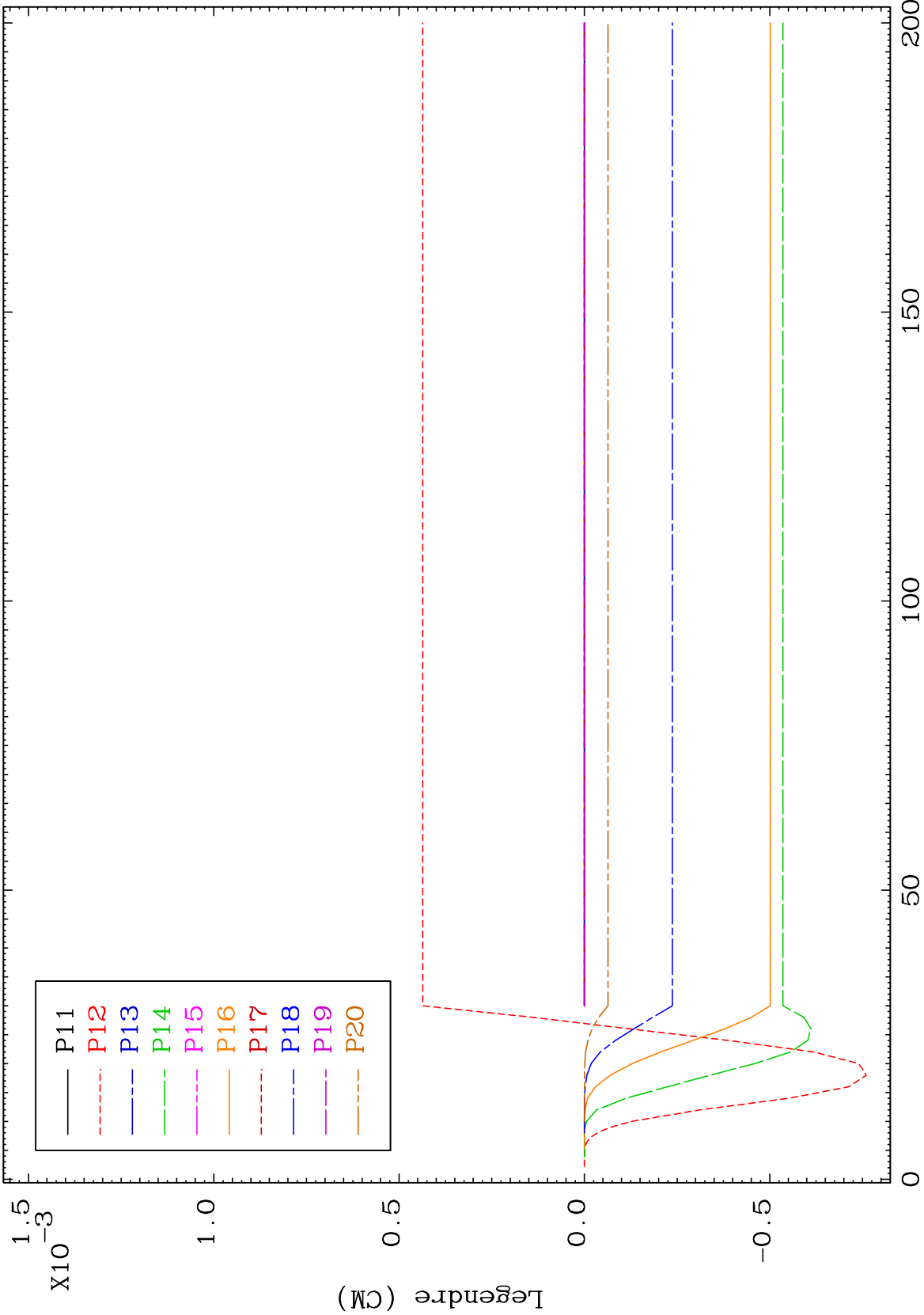
74-W -183



55

Incident Energy (MeV)

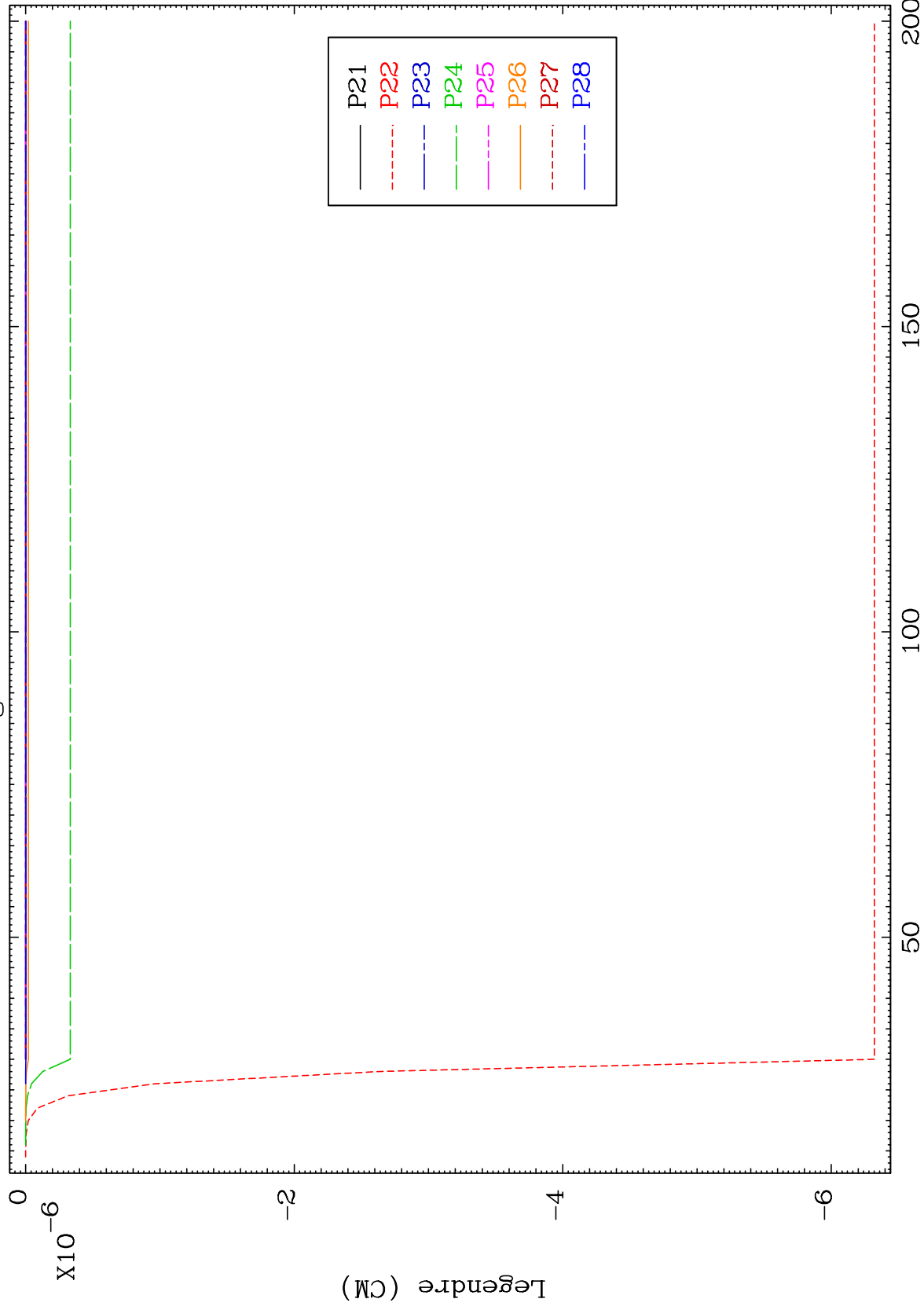
74-W -183



MAT 7434

533.0 keV (n,n') Level
Legendre Coefficients

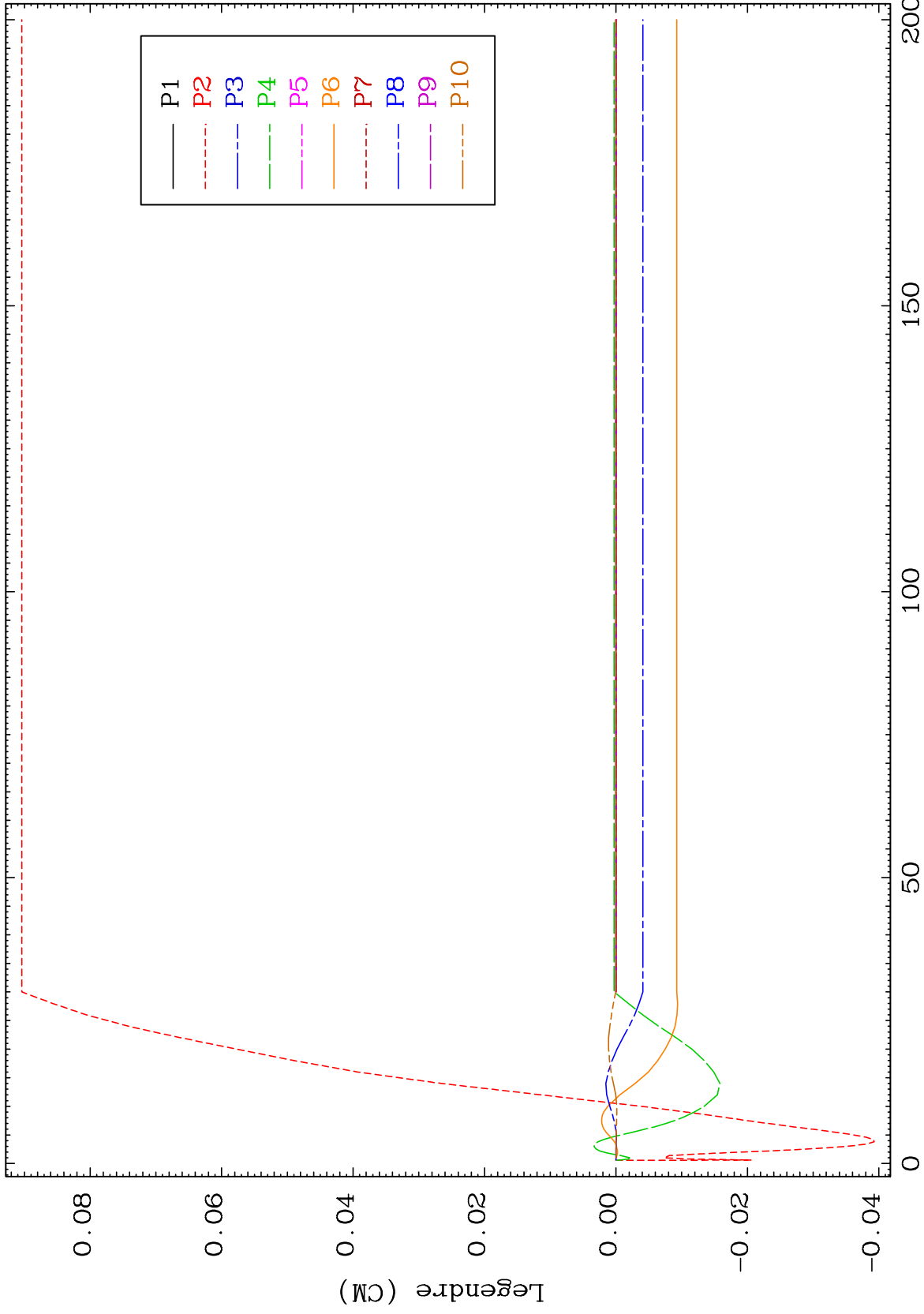
74-W - 183



57

Incident Energy (MeV)

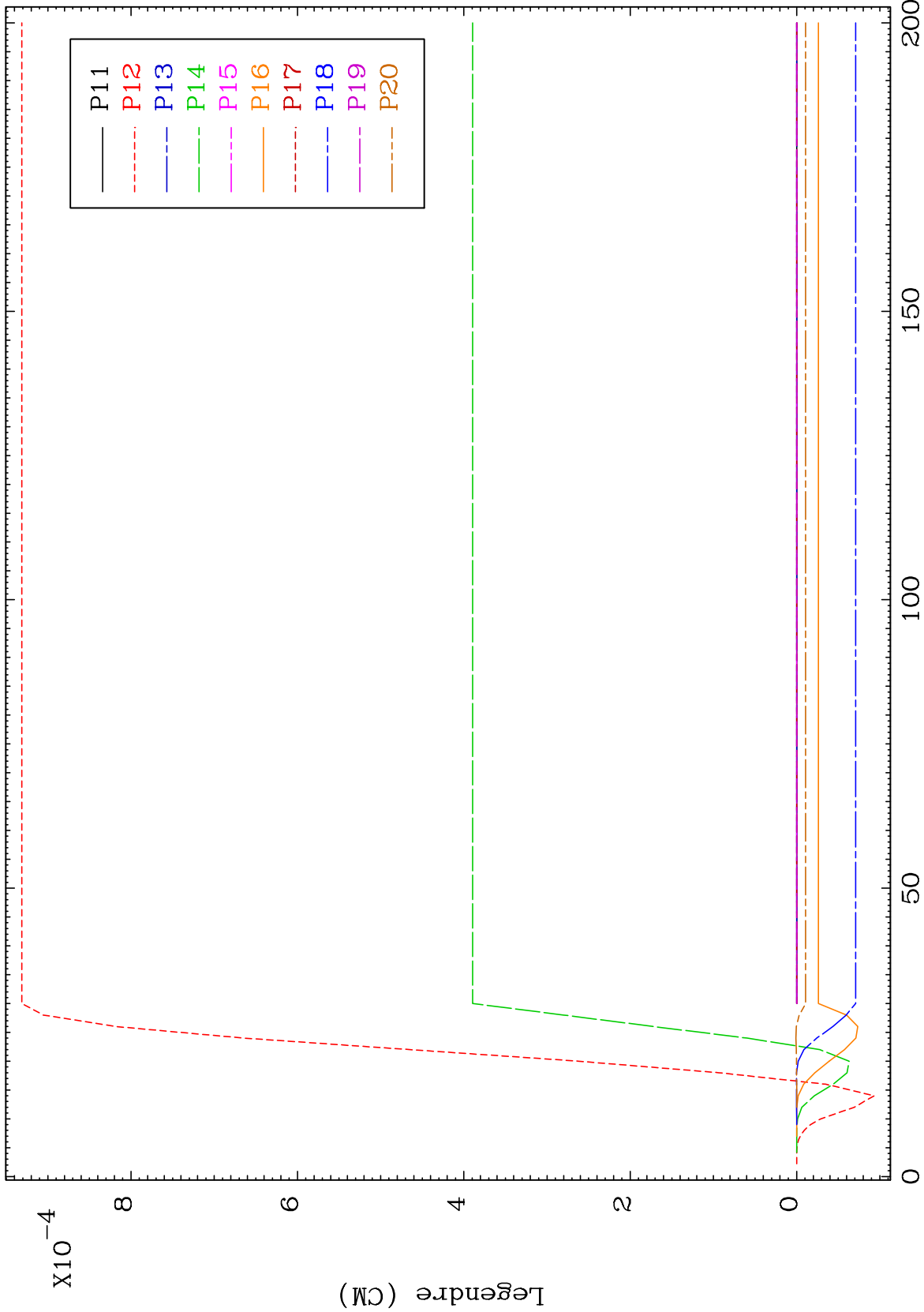
74-W - 183



MAT 7434

551.1 keV (n,n') Level
Legendre Coefficients

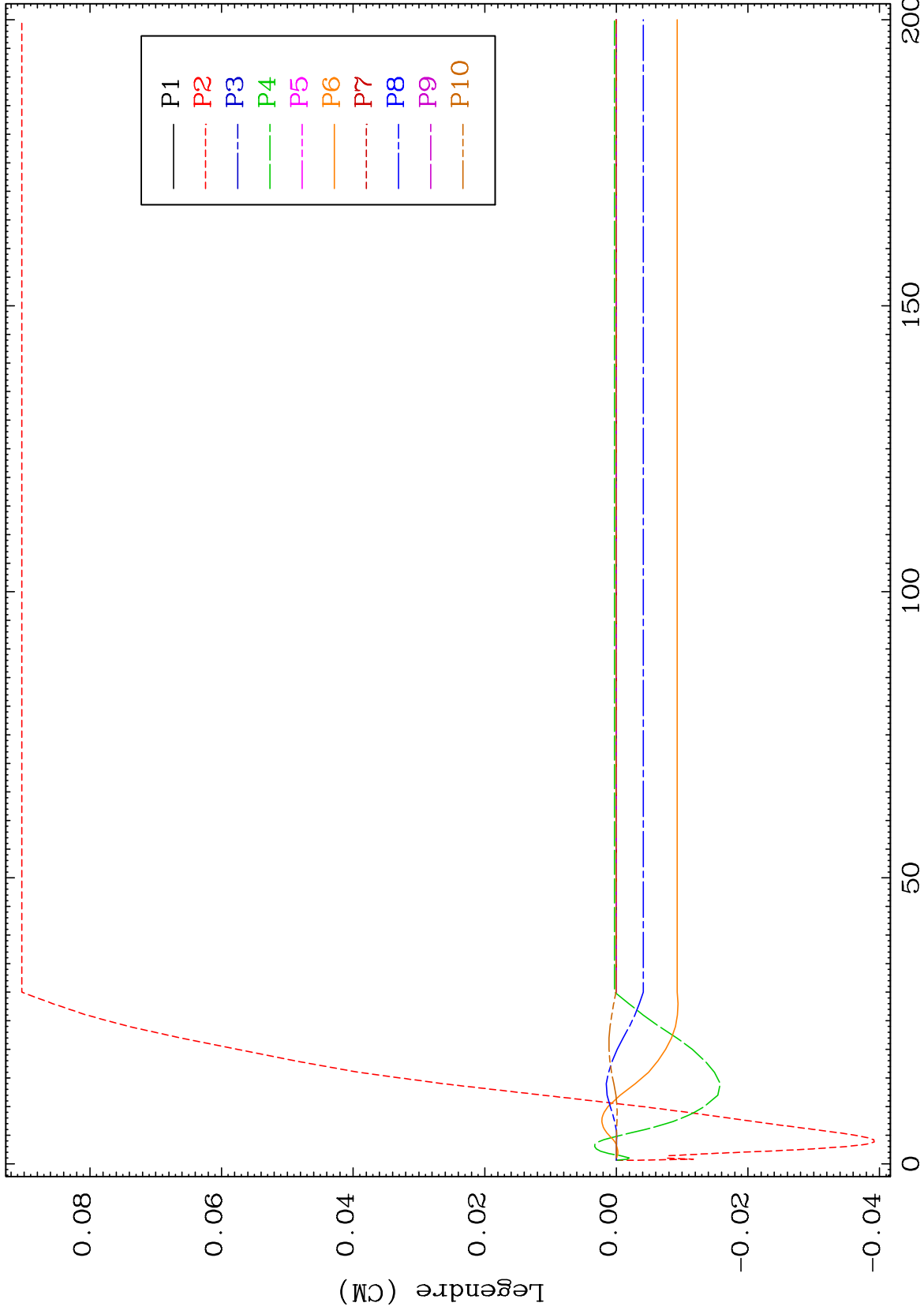
74-W -183



59

Incident Energy (MeV)

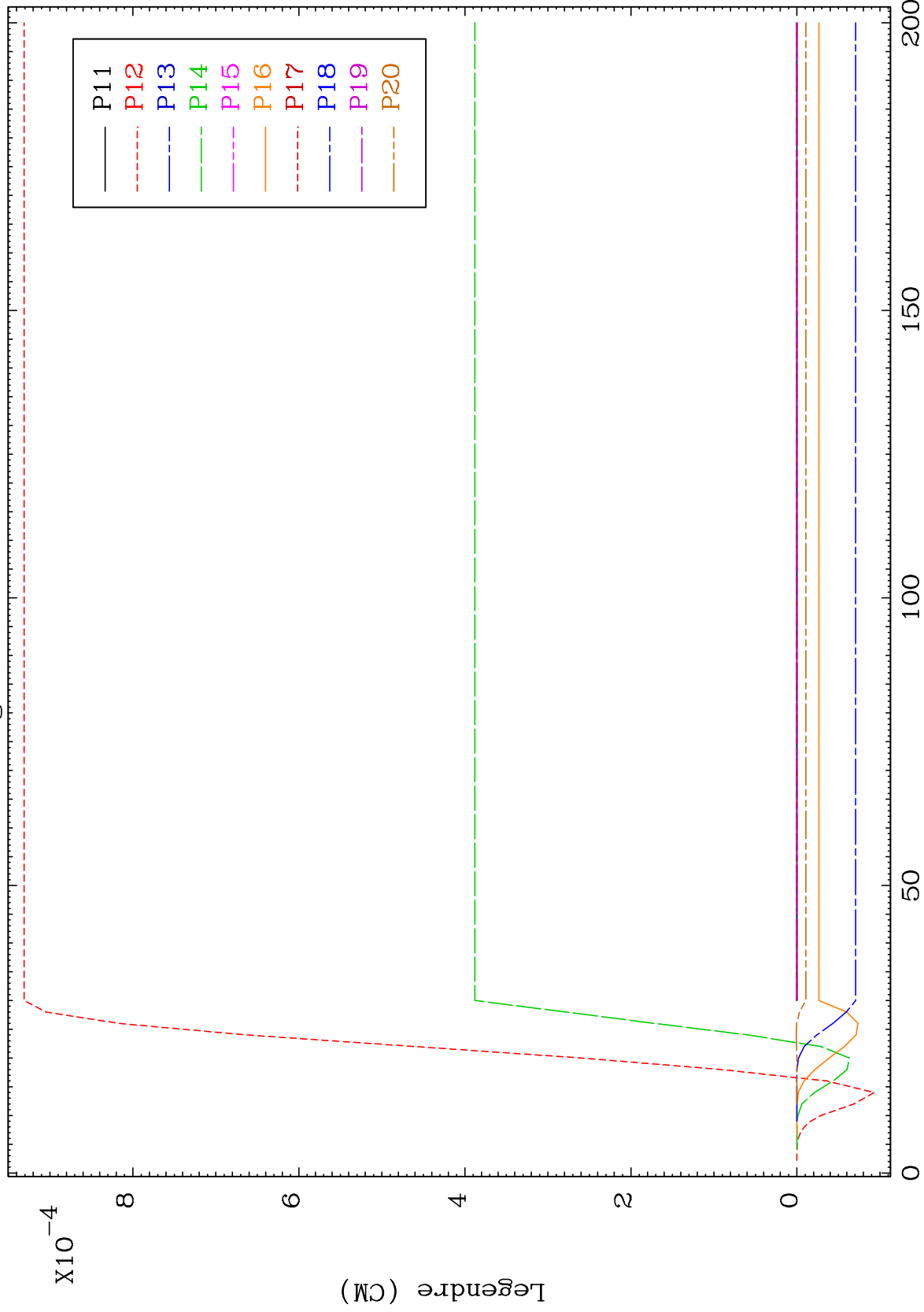
74-W -183



MAT 7434

595.3 keV (n,n') Level
Legendre Coefficients

74-W -183



62

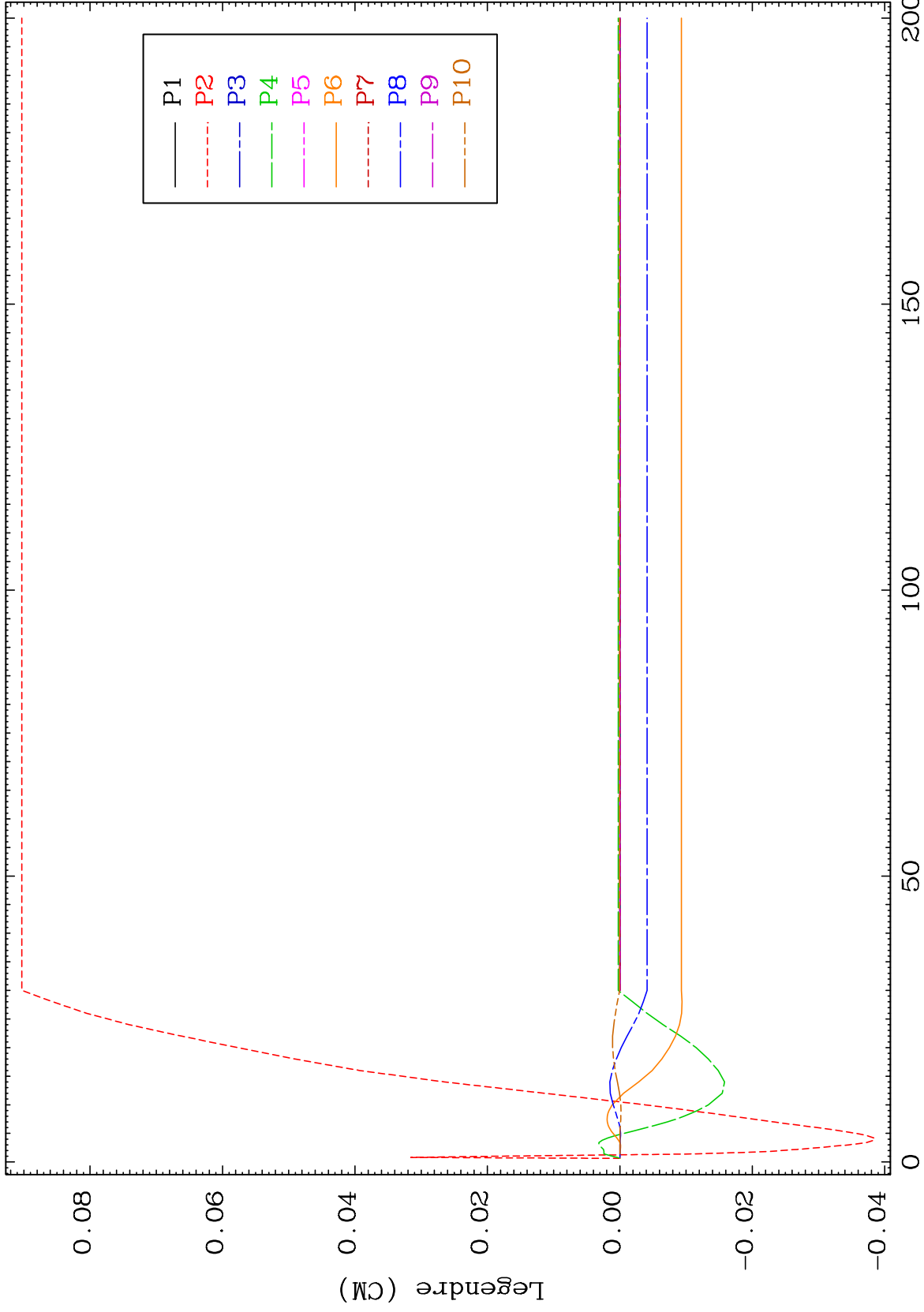
Incident Energy (MeV)

74-W -183

MAT 7434

622.8 keV (n,n') Level
Legendre Coefficients

74-W -183



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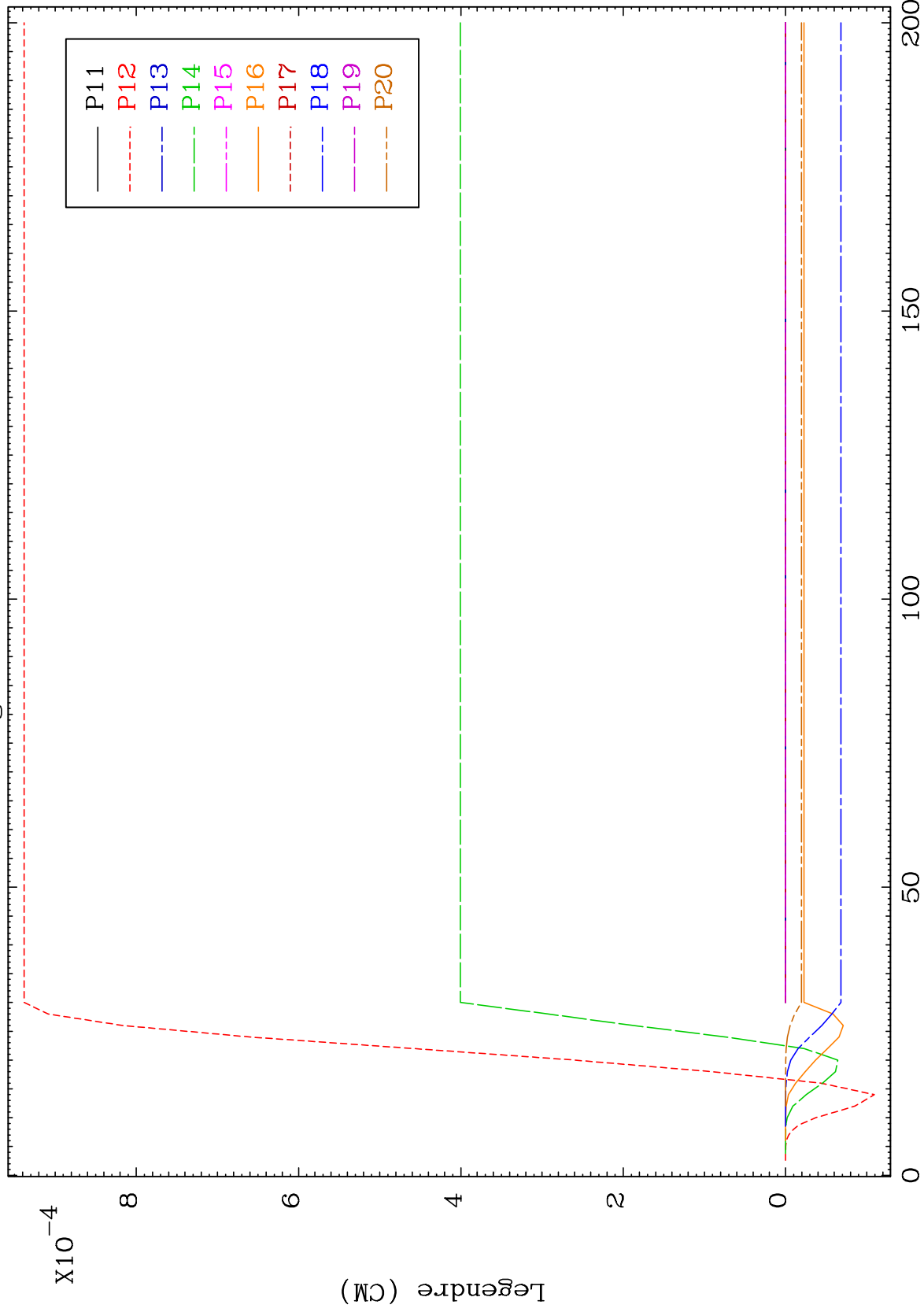
Incident Energy (MeV)

74-W -183

MAT 7434

622.8 keV (n,n') Level
Legendre Coefficients

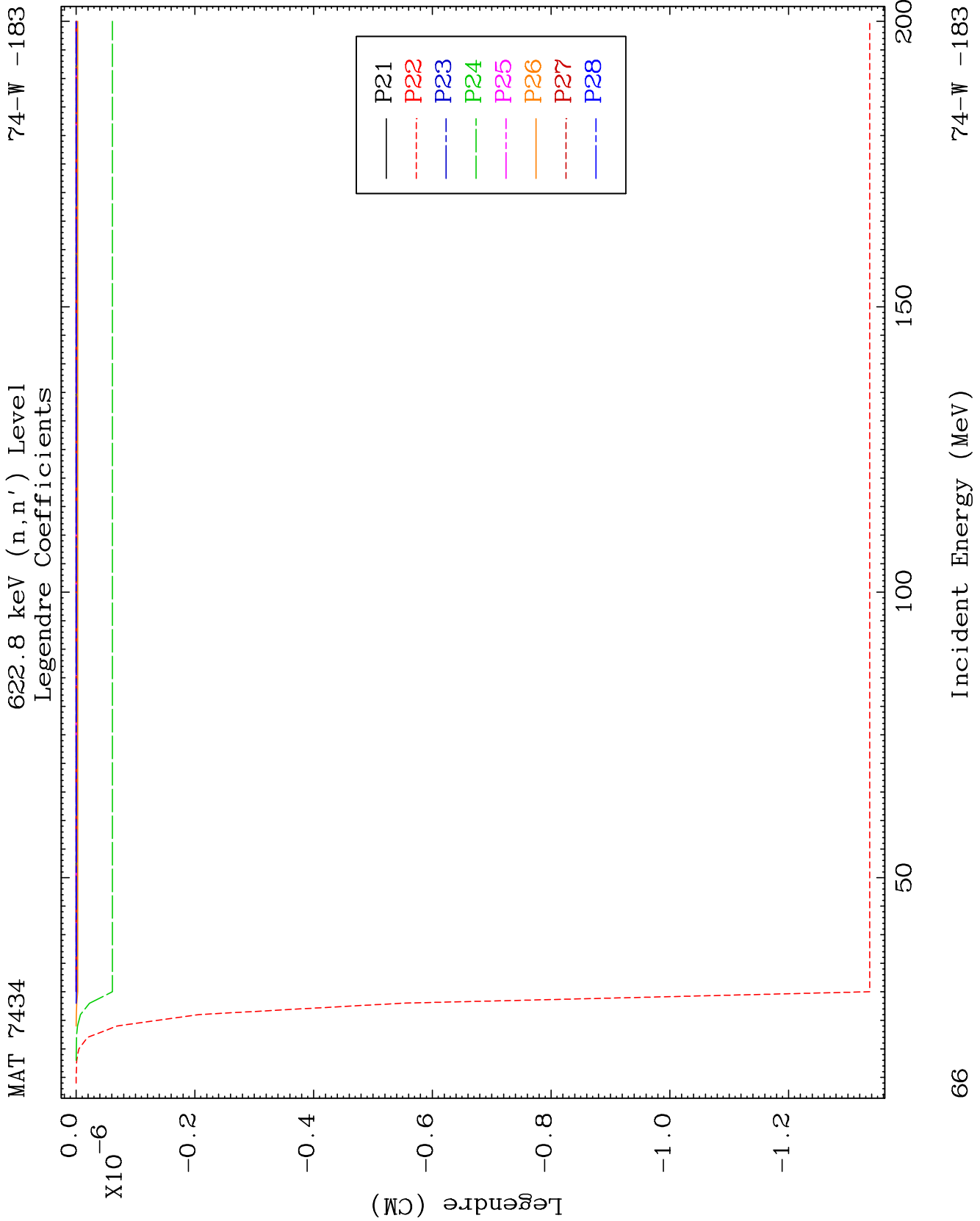
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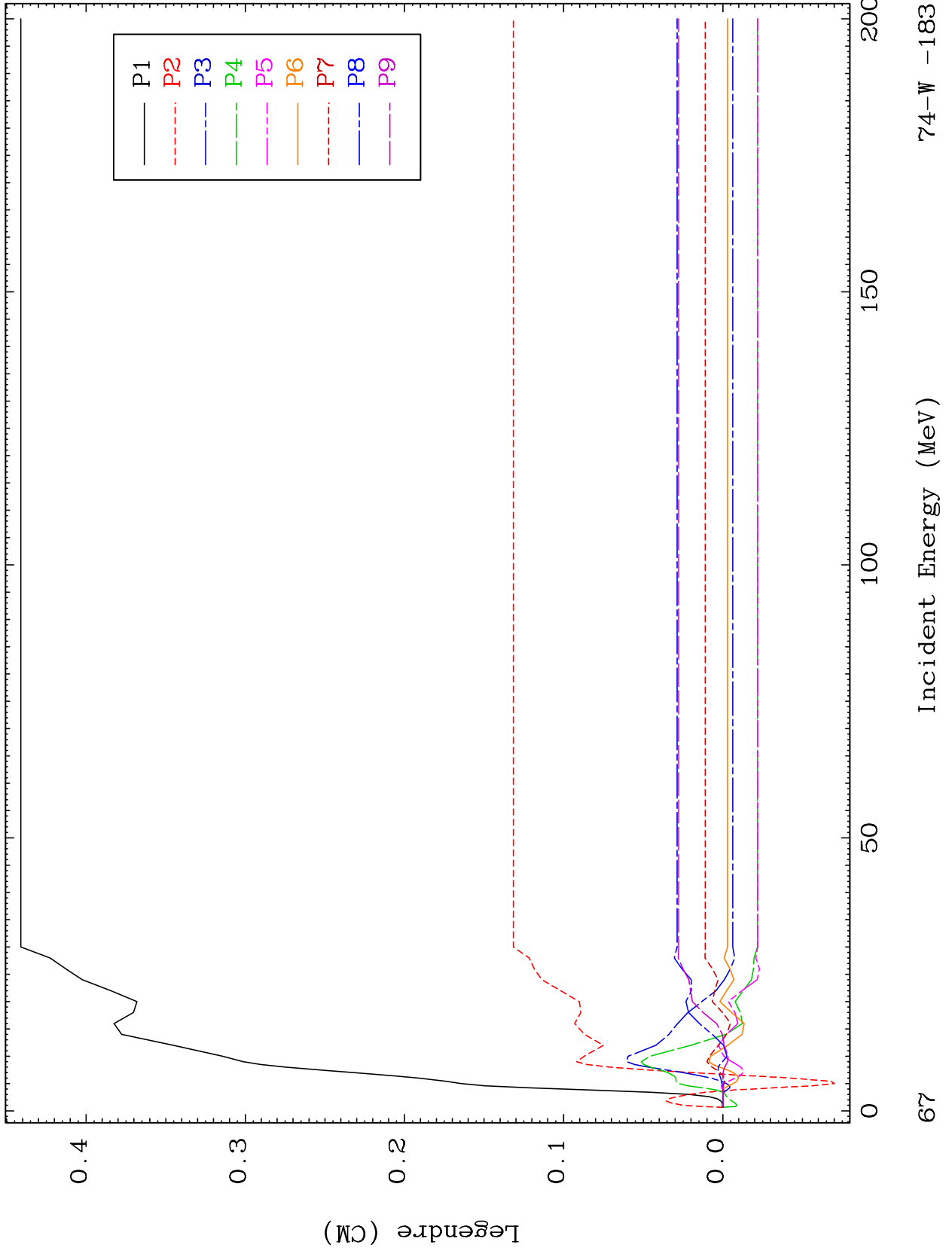


65

Incident Energy (MeV)

74-W - 183

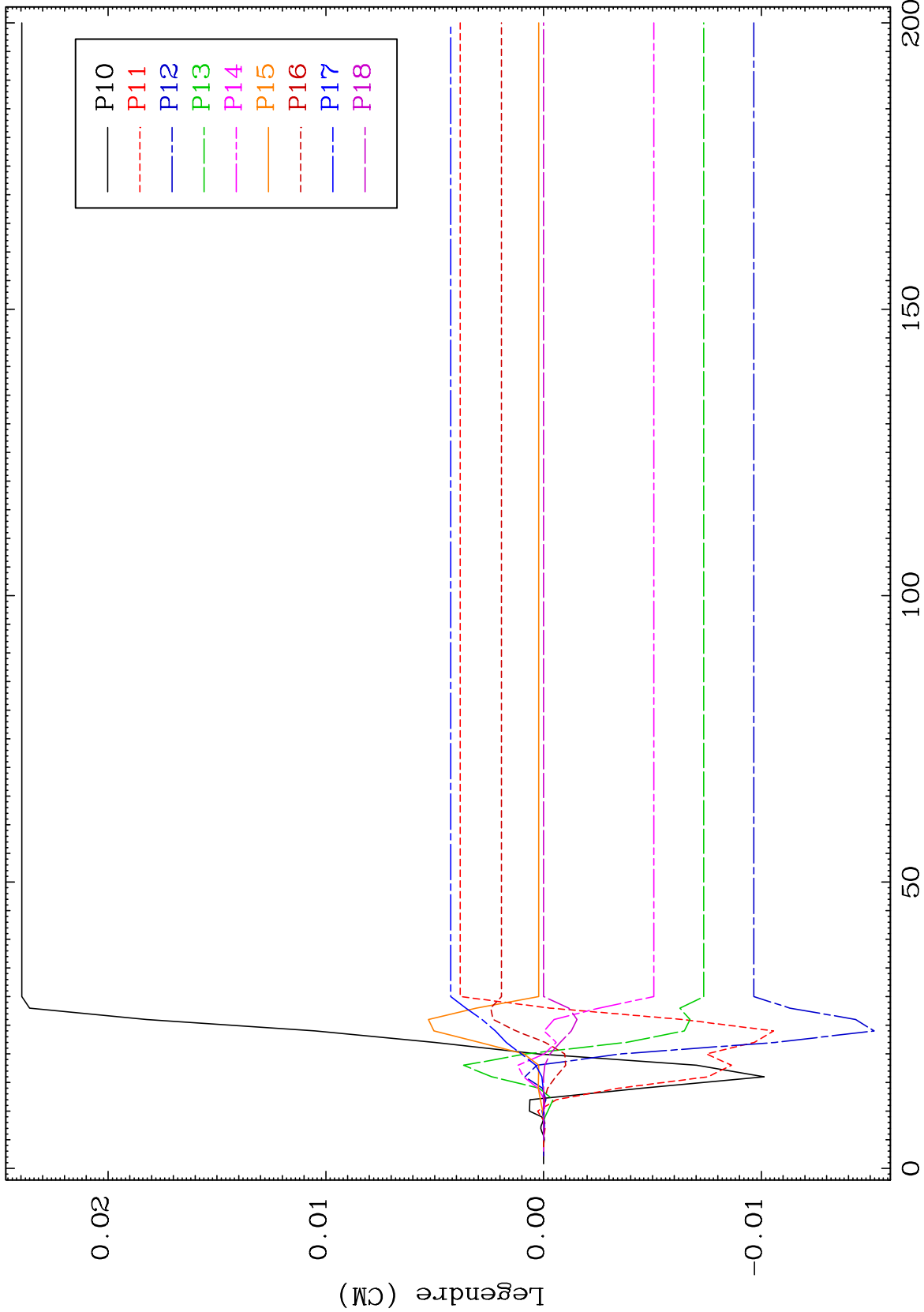




MAT 7434

631.2 keV (n,n') Level
Legendre Coefficients

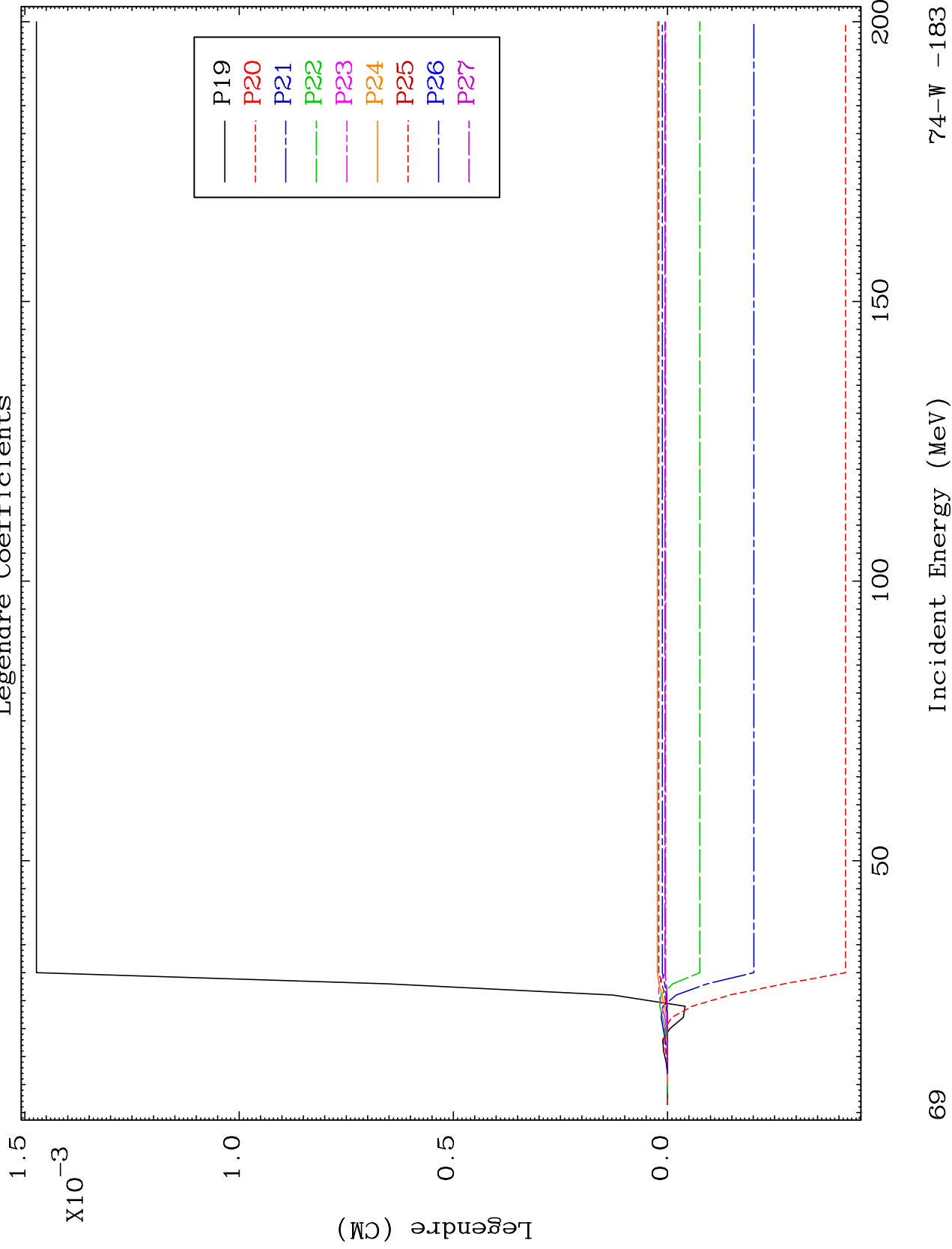
74-W -183



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Incident Energy (MeV)

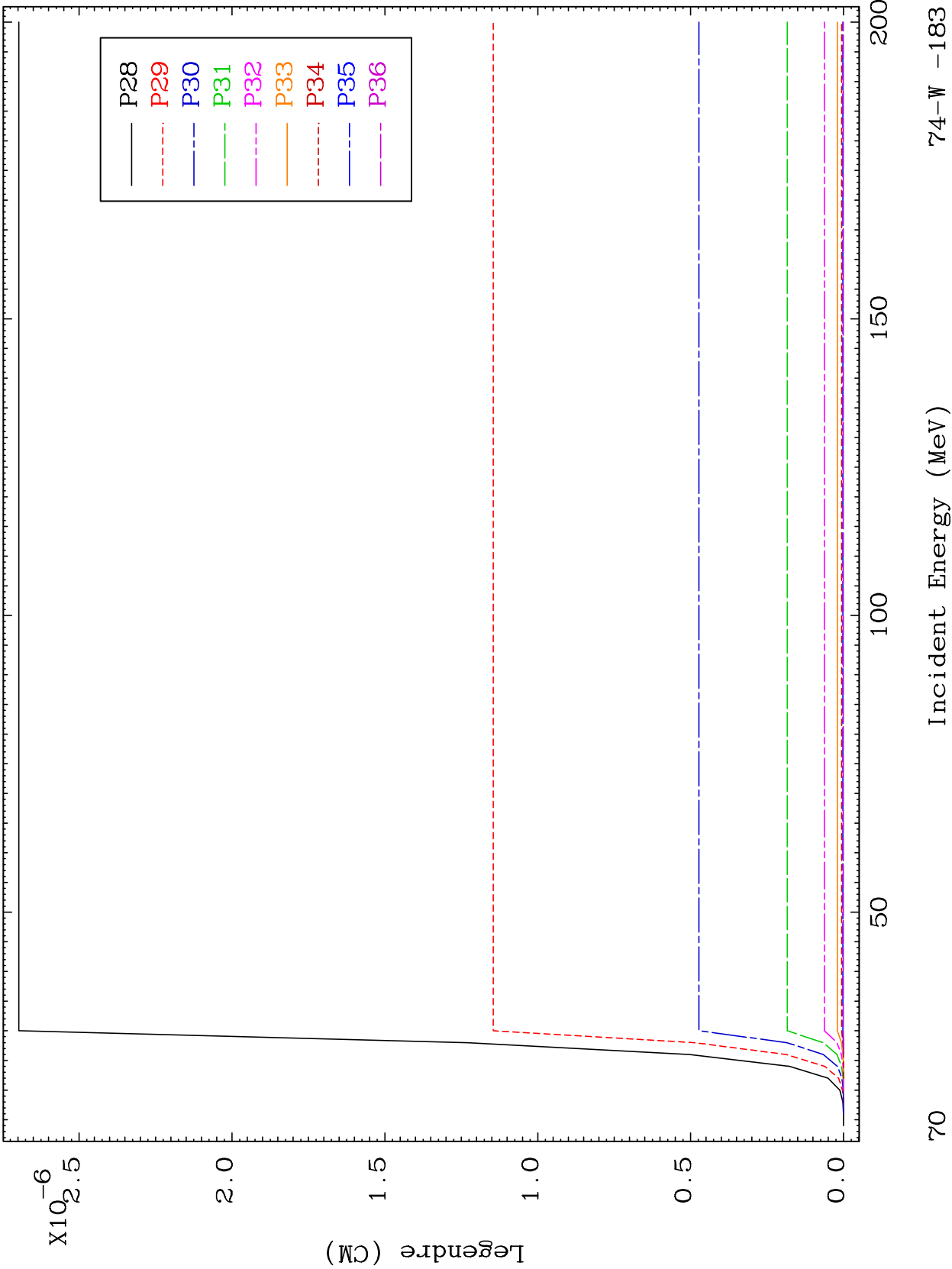
74-W -183



MAT 7434

631.2 keV (n,n') Level
Legendre Coefficients

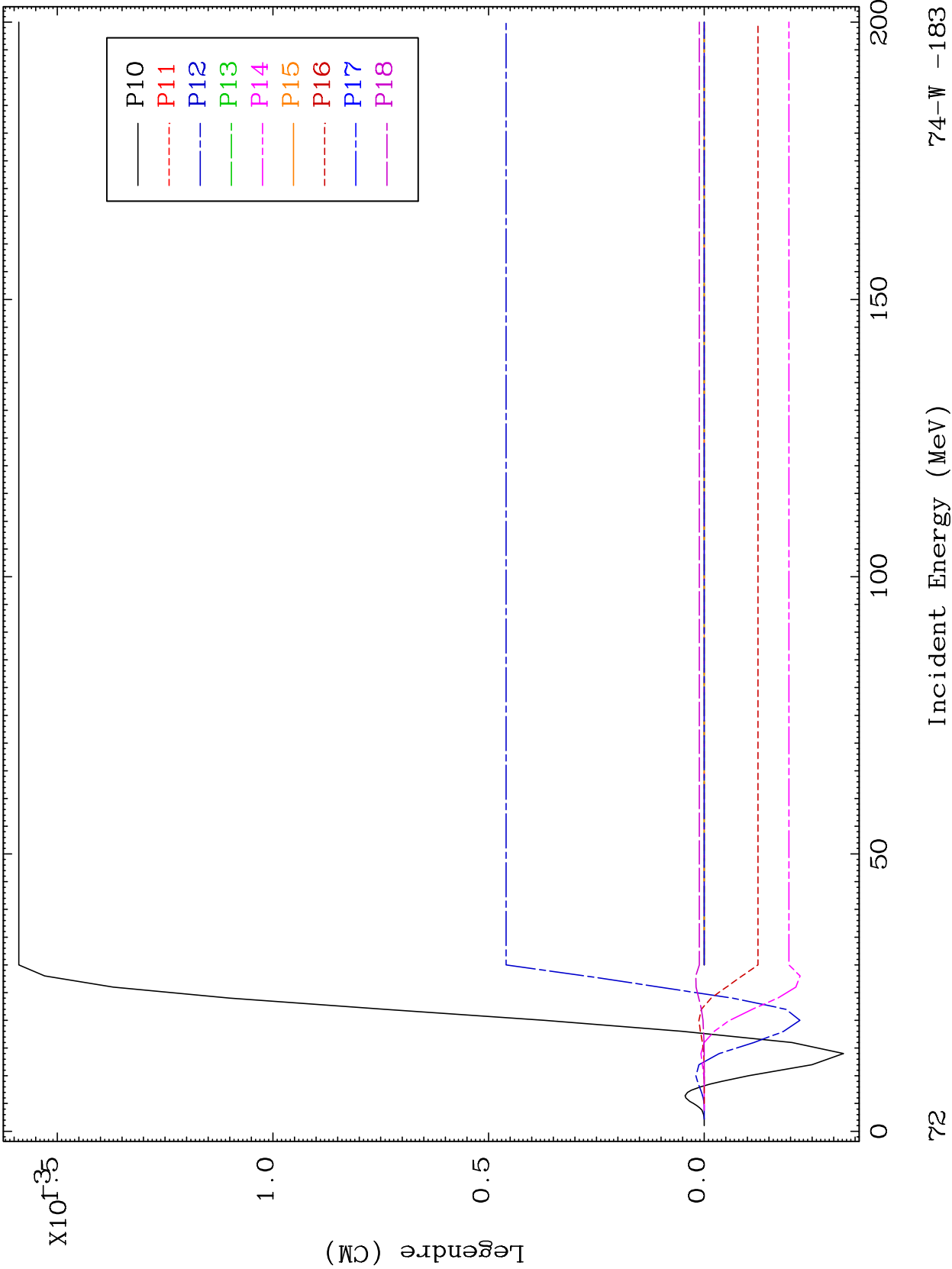
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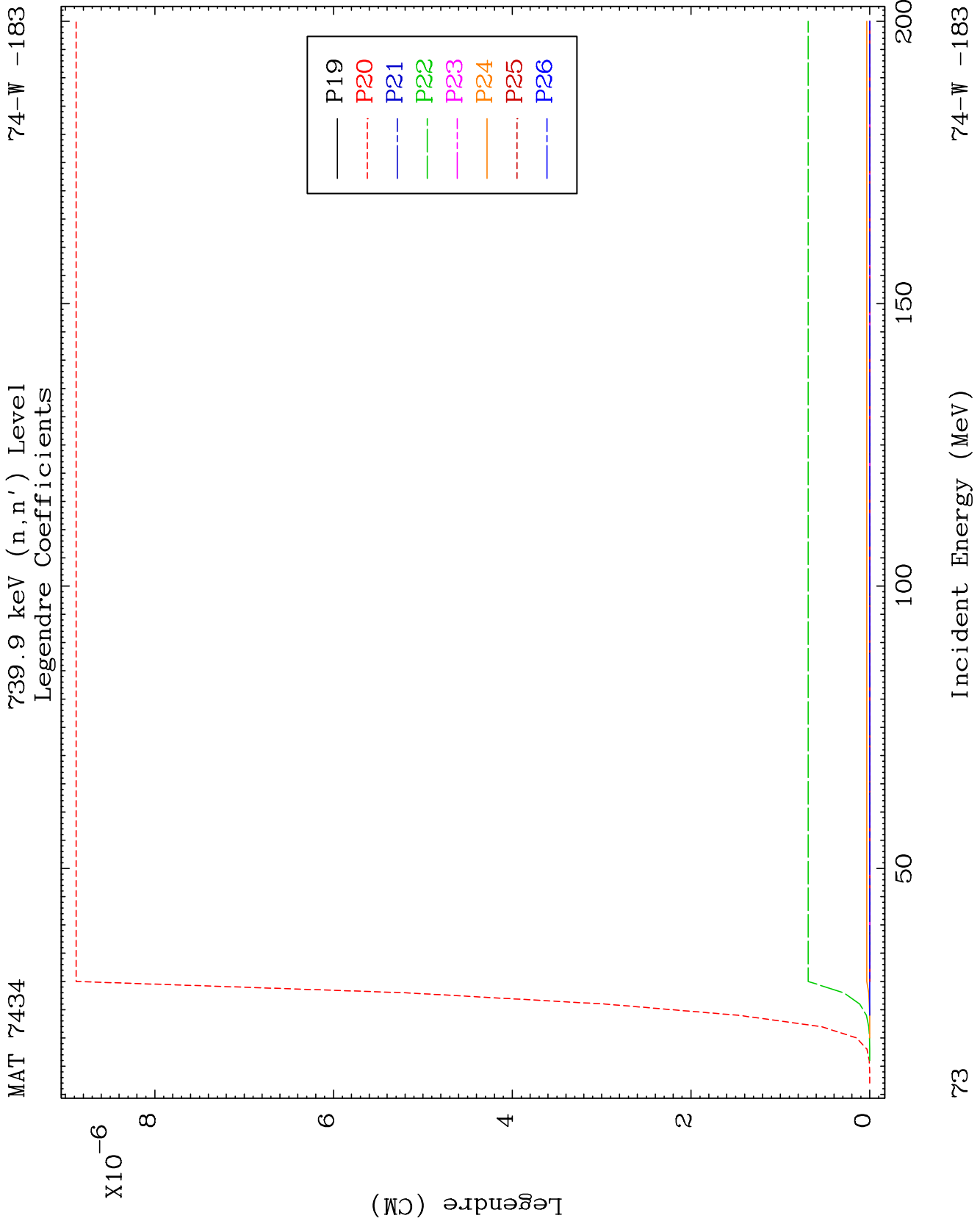


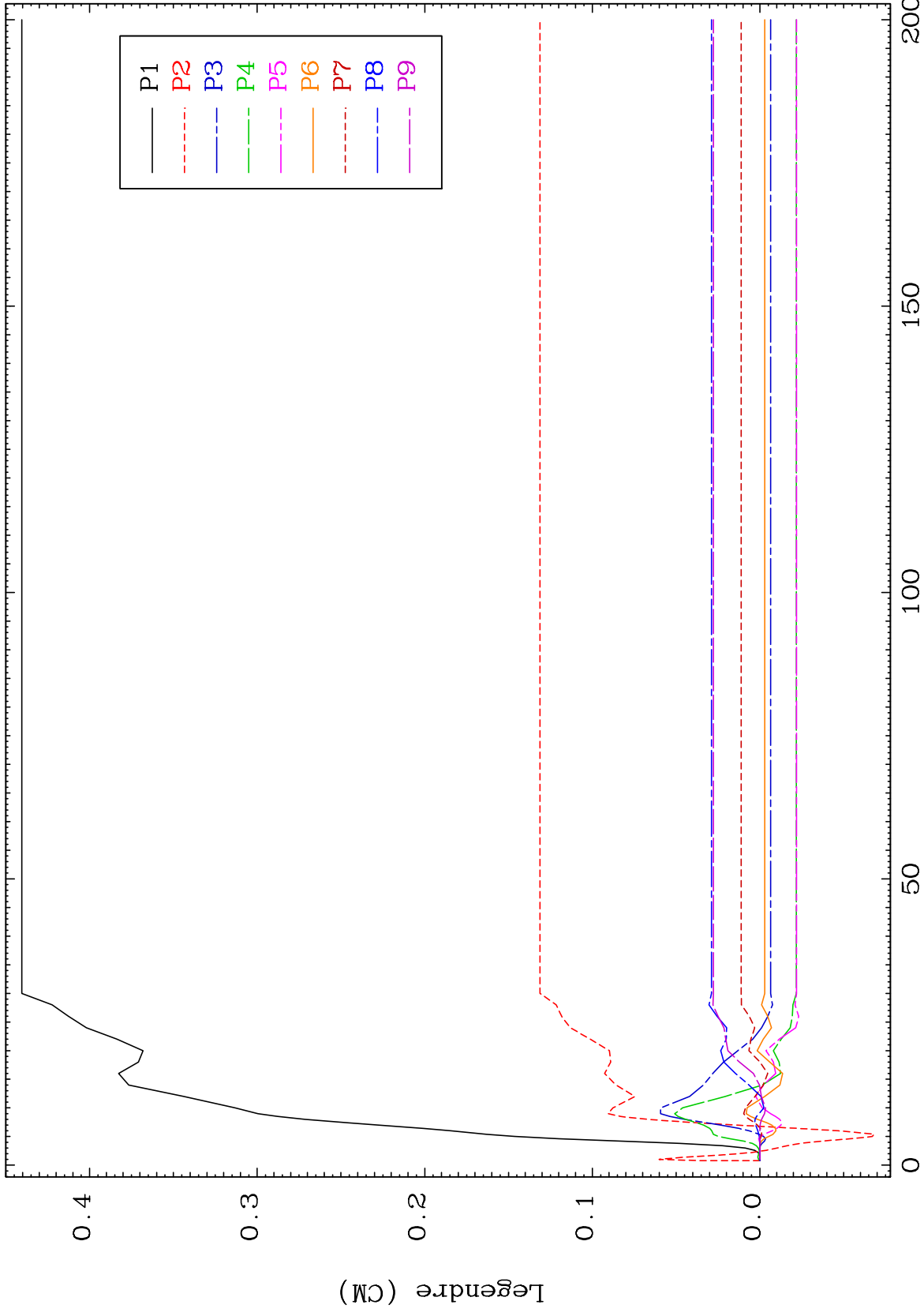
74-W -183

Incident Energy (MeV)

70



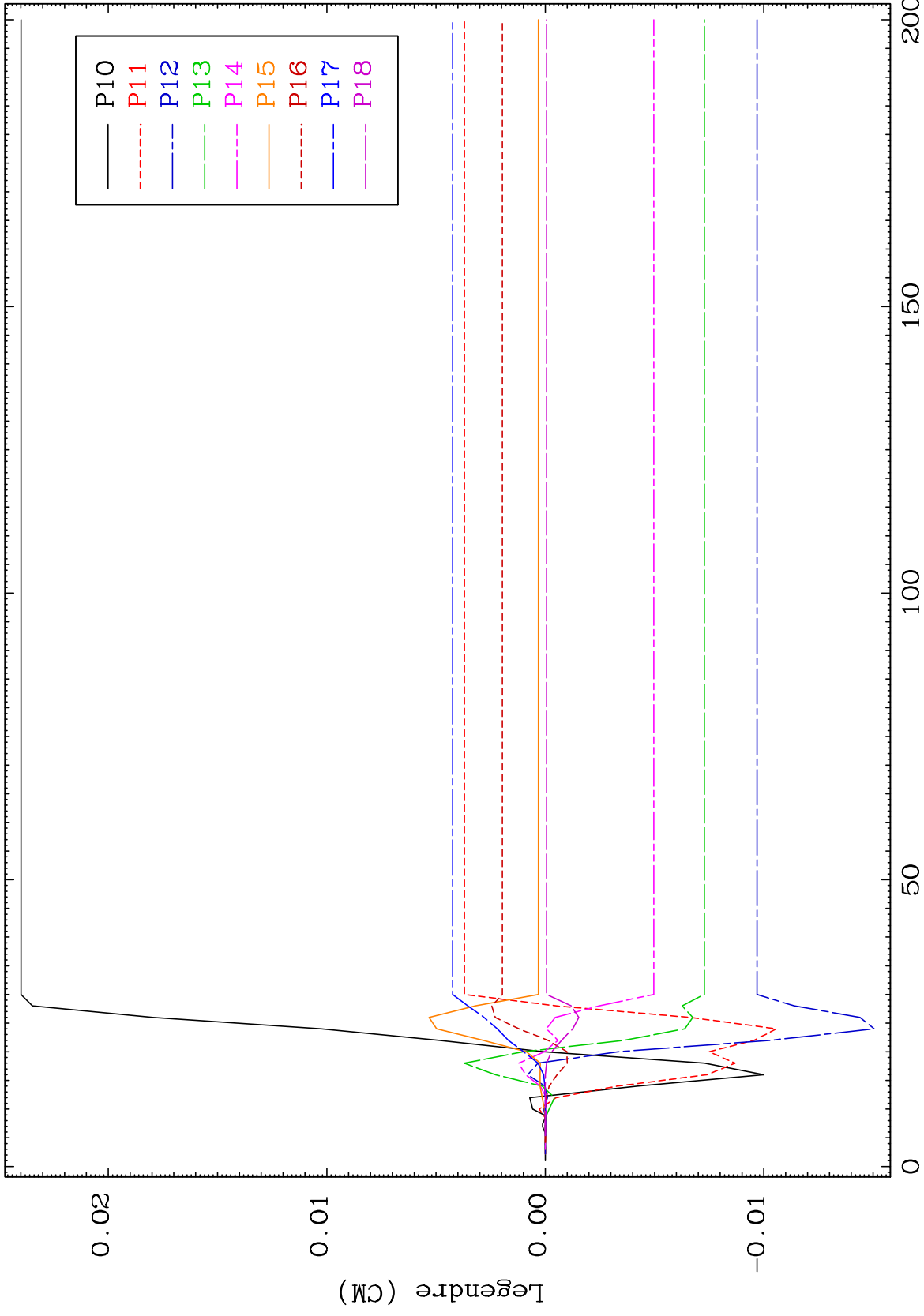




MAT 7434

772.0 keV (n,n') Level
Legendre Coefficients

74-W -183



75

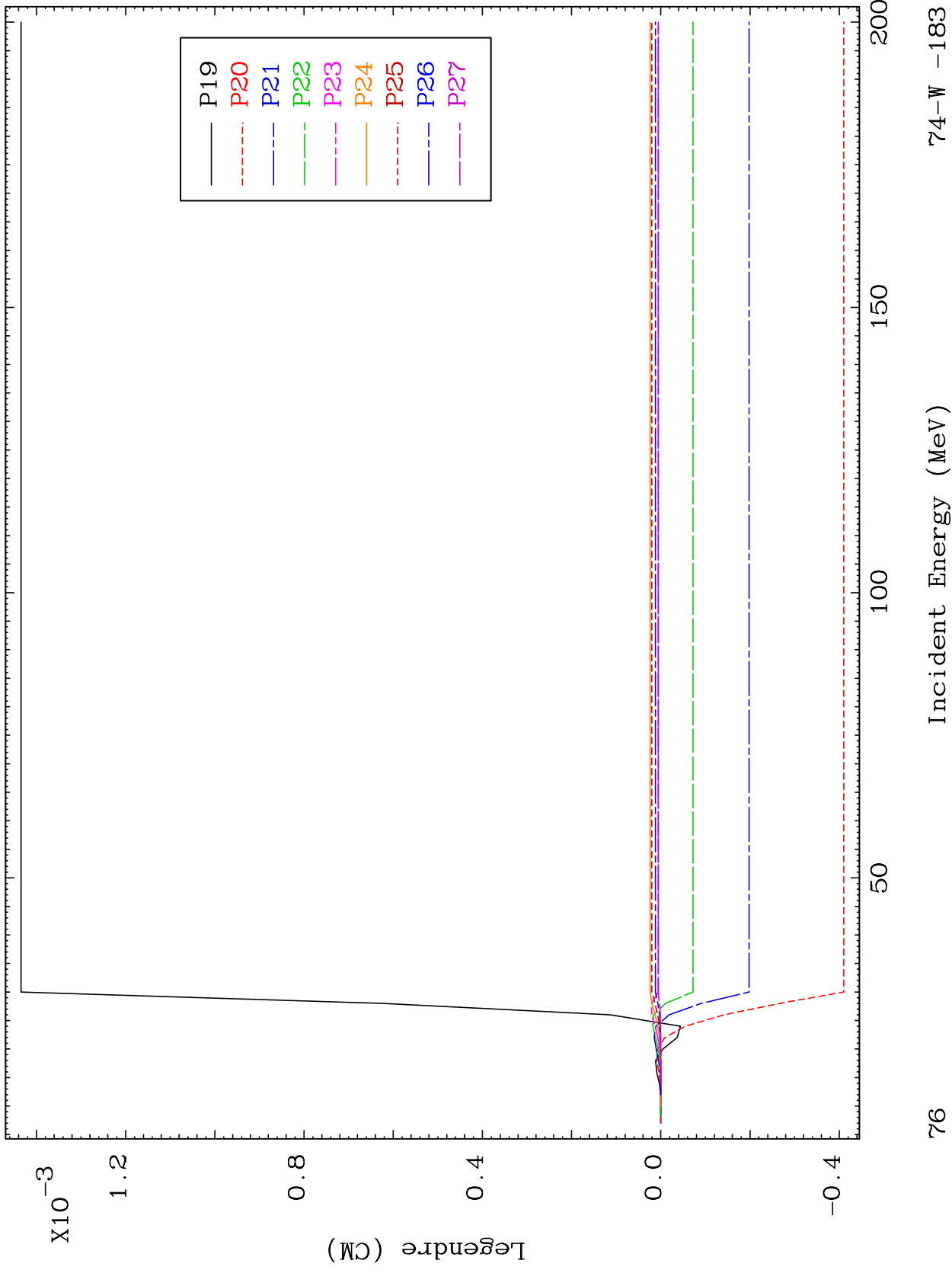
Incident Energy (MeV)

74-W -183

MAT 7434

772.0 keV (n,n') Level
Legendre Coefficients

74-W -183



76

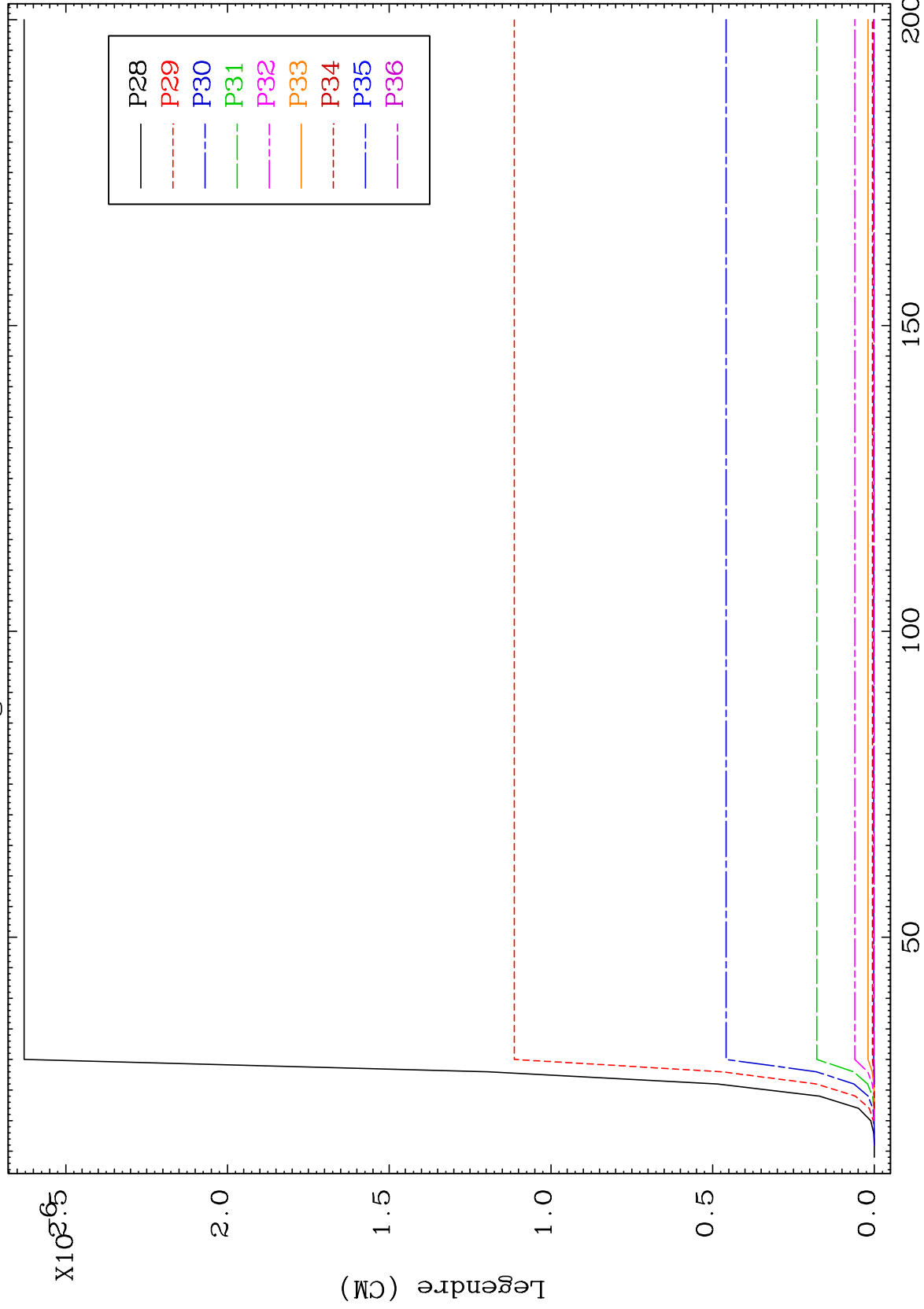
Incident Energy (MeV)

74-W -183

MAT 7434

772.0 keV (n,n') Level
Legendre Coefficients

74-W -183



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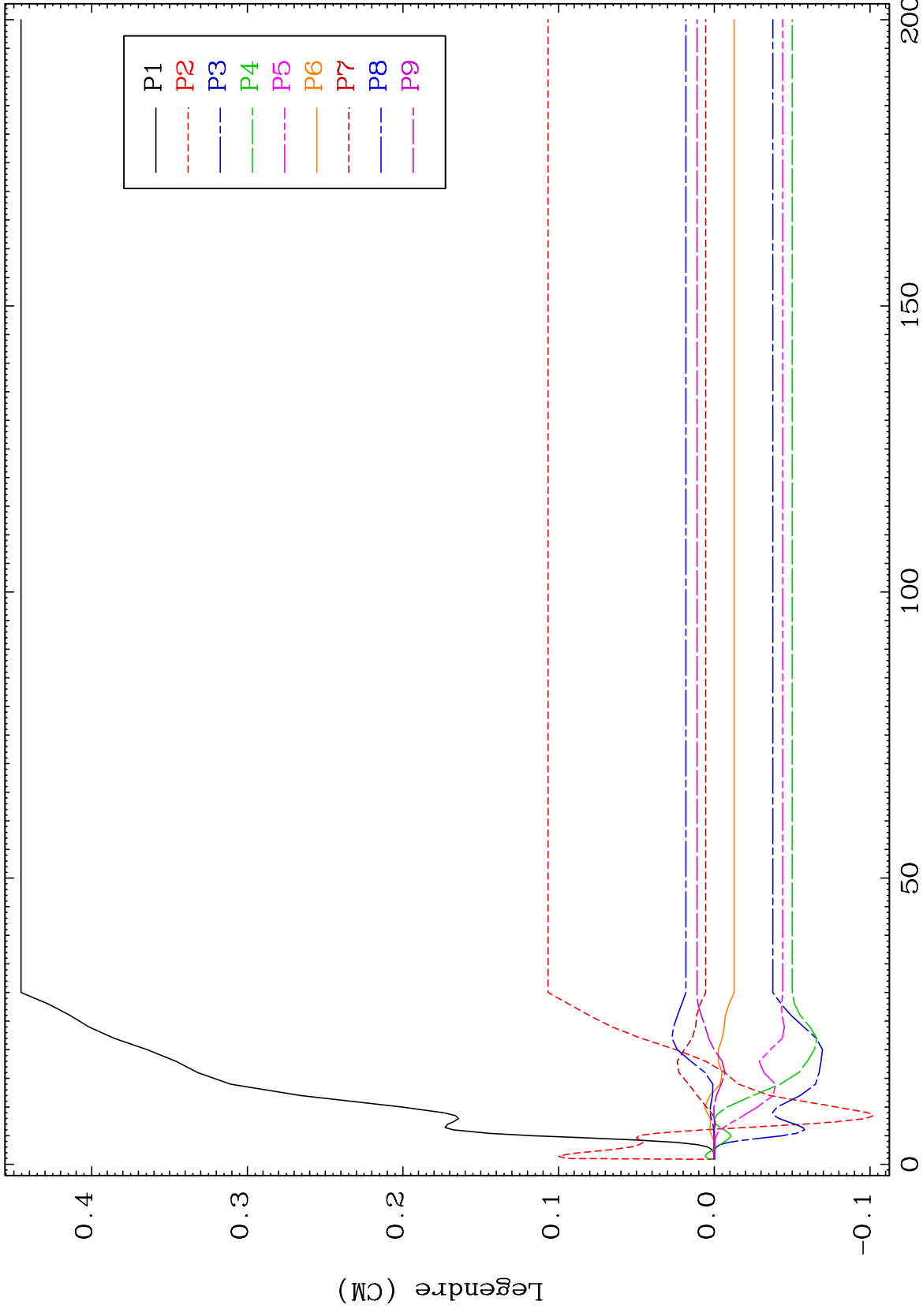
Incident Energy (MeV)

74-W -183

MAT 7434

850.6 keV (n,n') Level
Legendre Coefficients

74-W -183



78

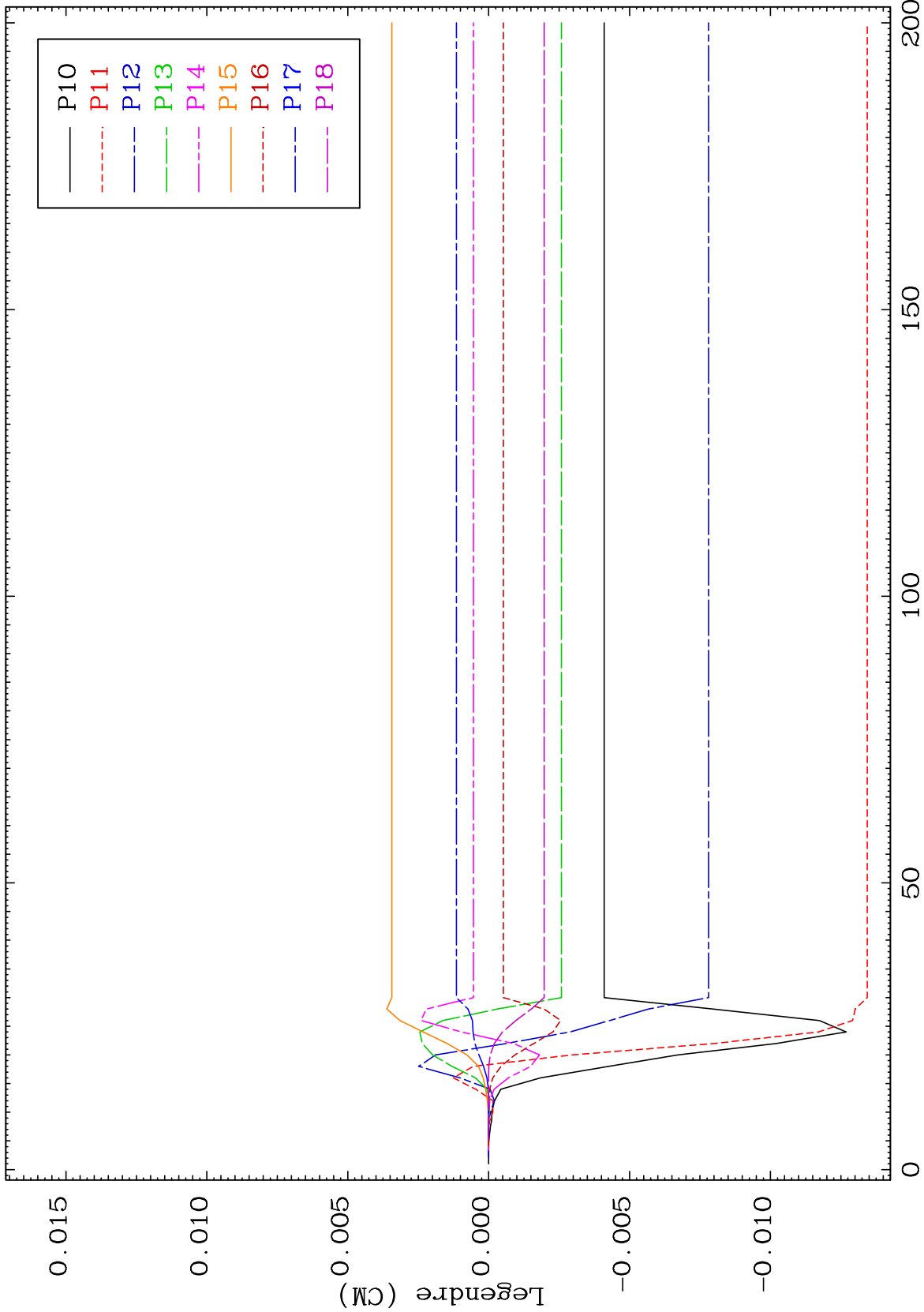
Incident Energy (MeV)

74-W -183

MAT 7434

850.6 keV (n,n') Level
Legendre Coefficients

74-W -183



79

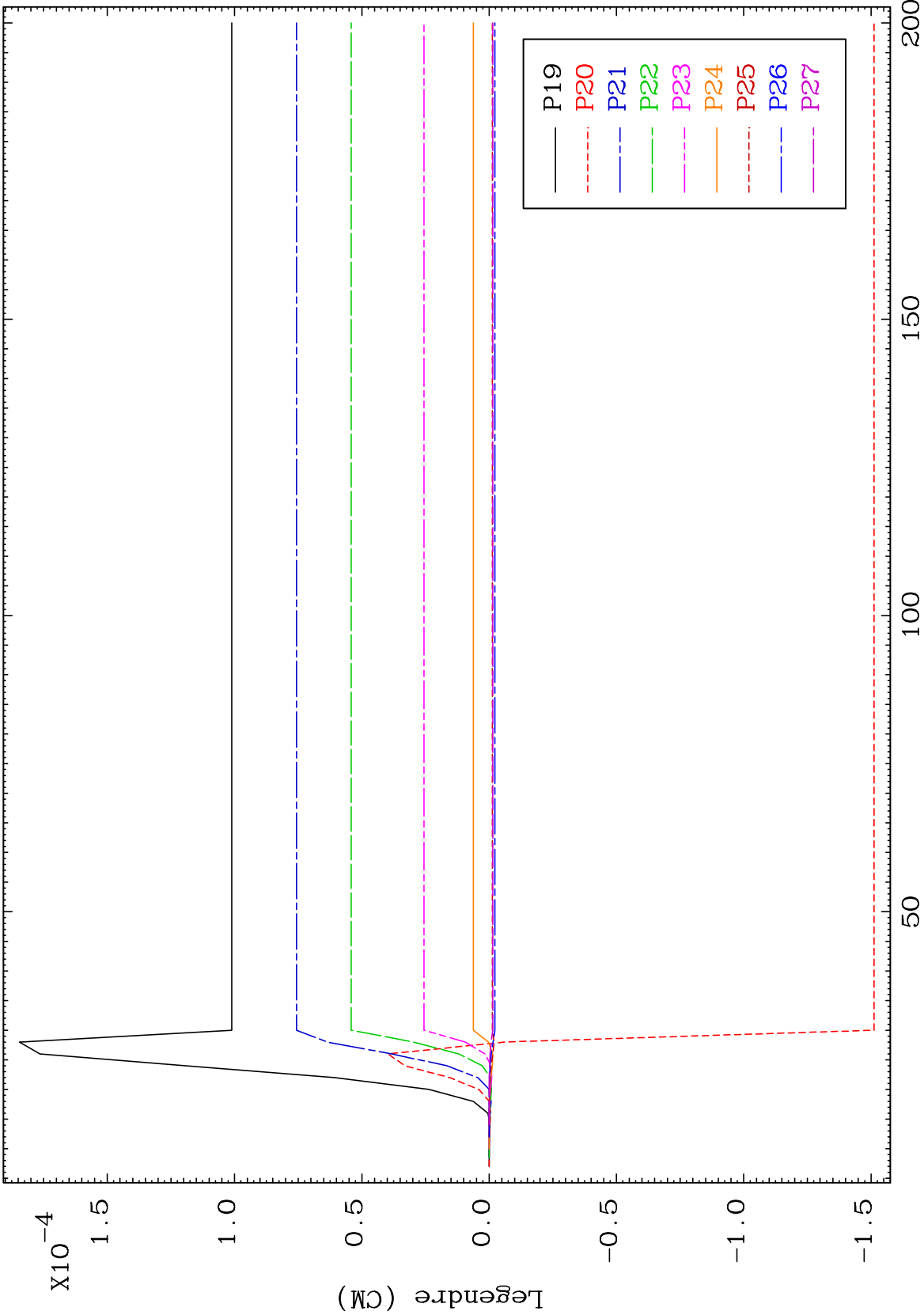
Incident Energy (MeV)

74-W -183

MAT 7434

850.6 keV (n,n') Level
Legendre Coefficients

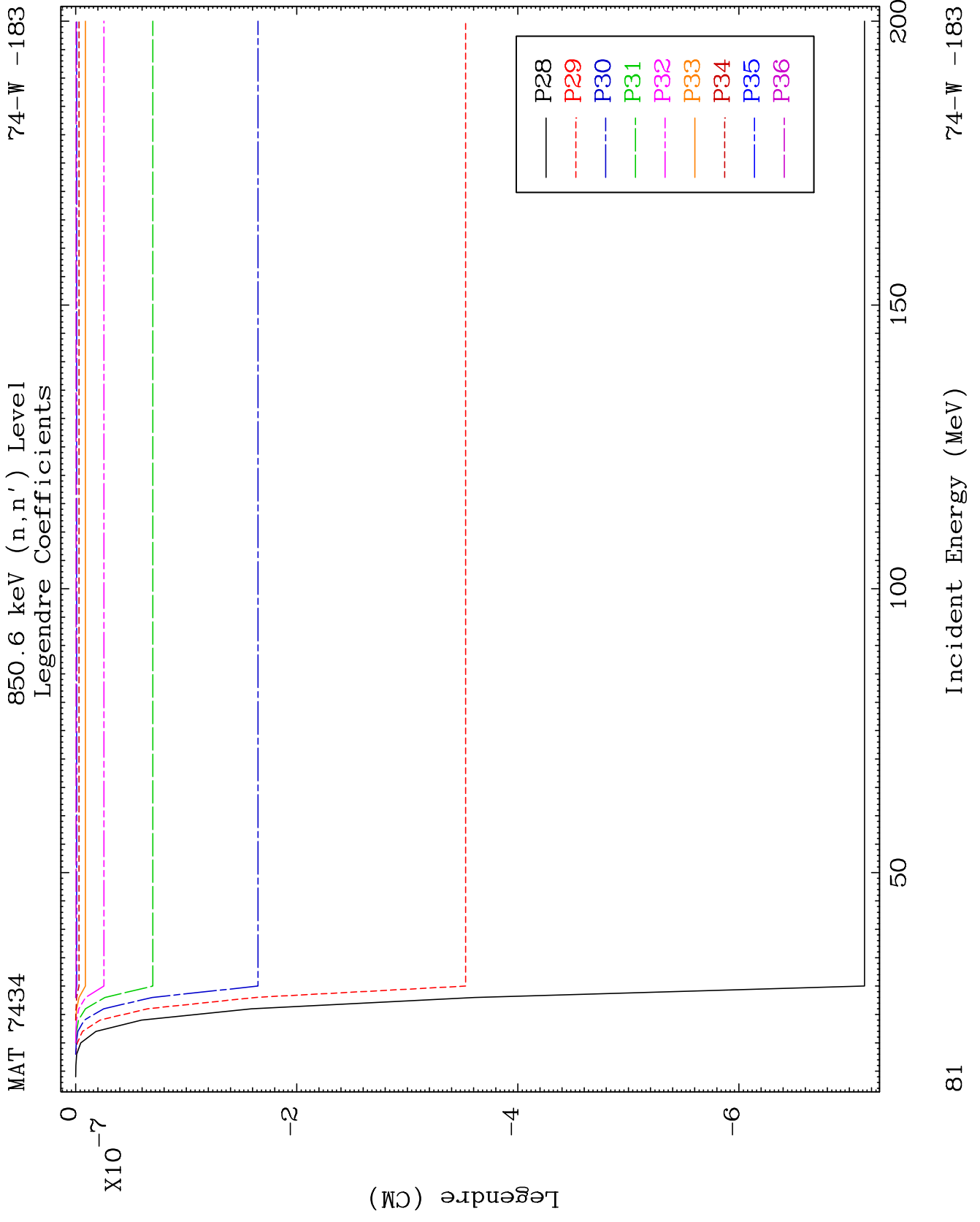
74-W -183



80

Incident Energy (MeV)

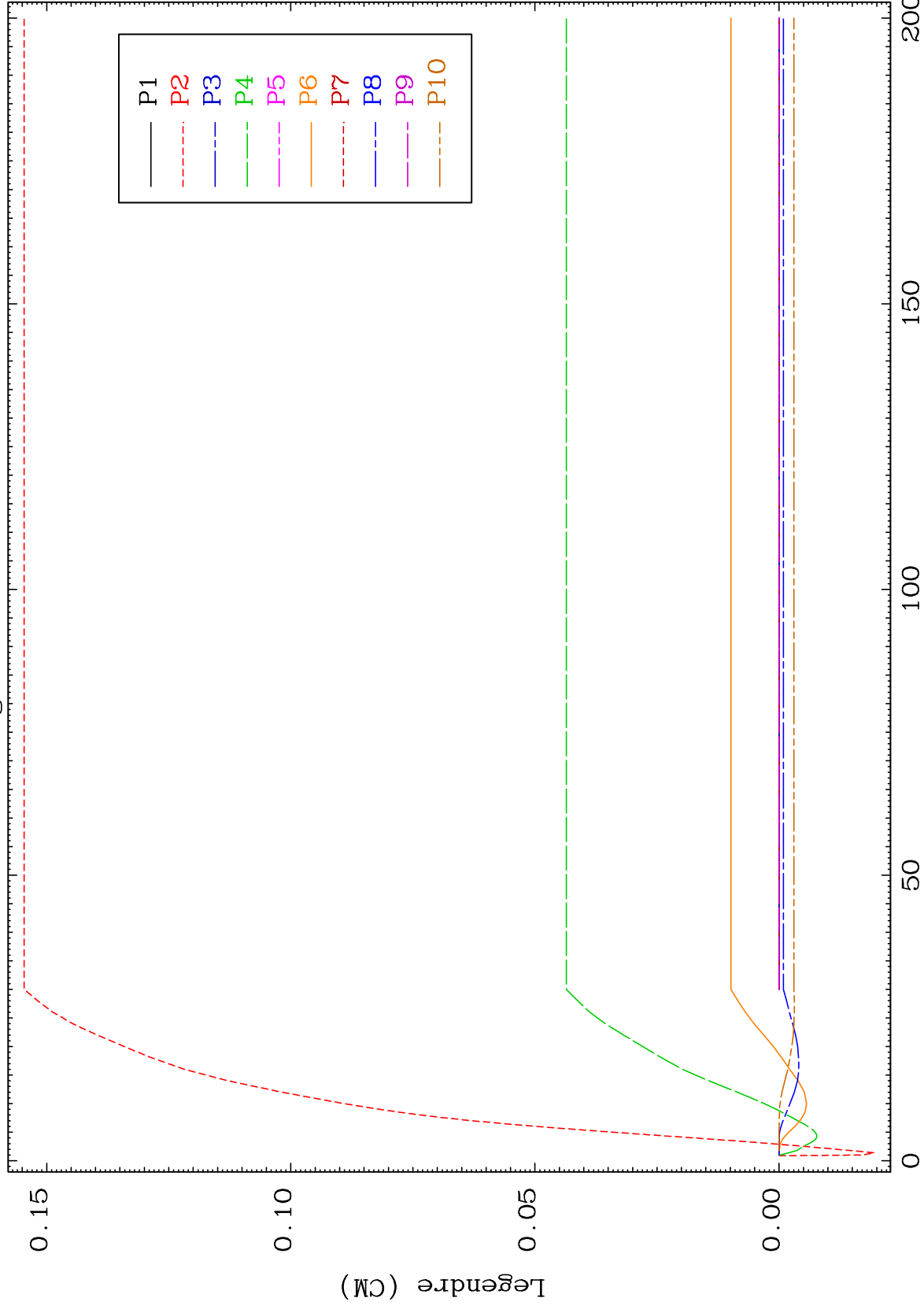
74-W -183



MAT 7434

871.0 keV (n,n') Level
Legendre Coefficients

74-W -183



82

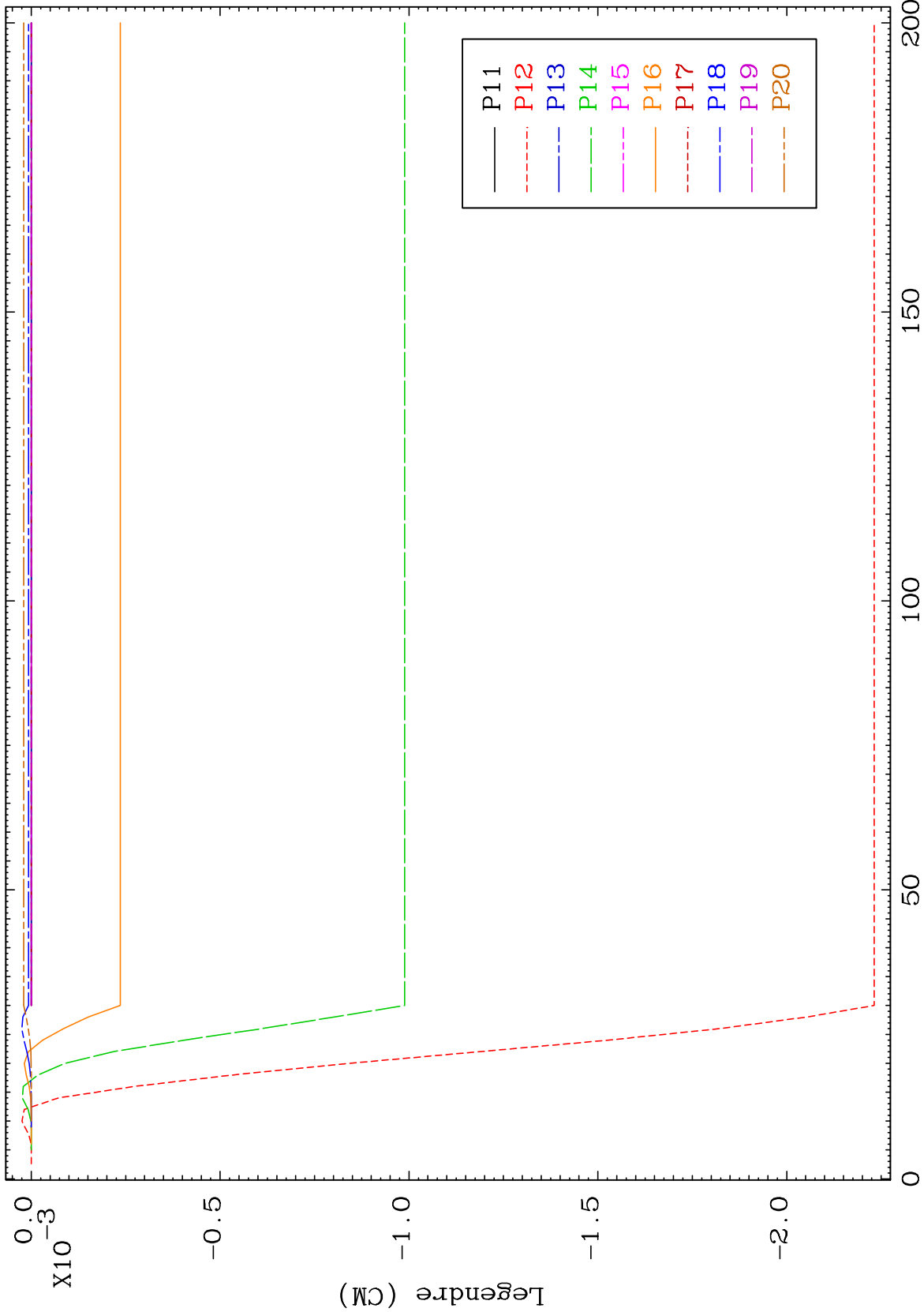
Incident Energy (MeV)

74-W -183

MAT 7434

871.0 keV (n,n') Level
Legendre Coefficients

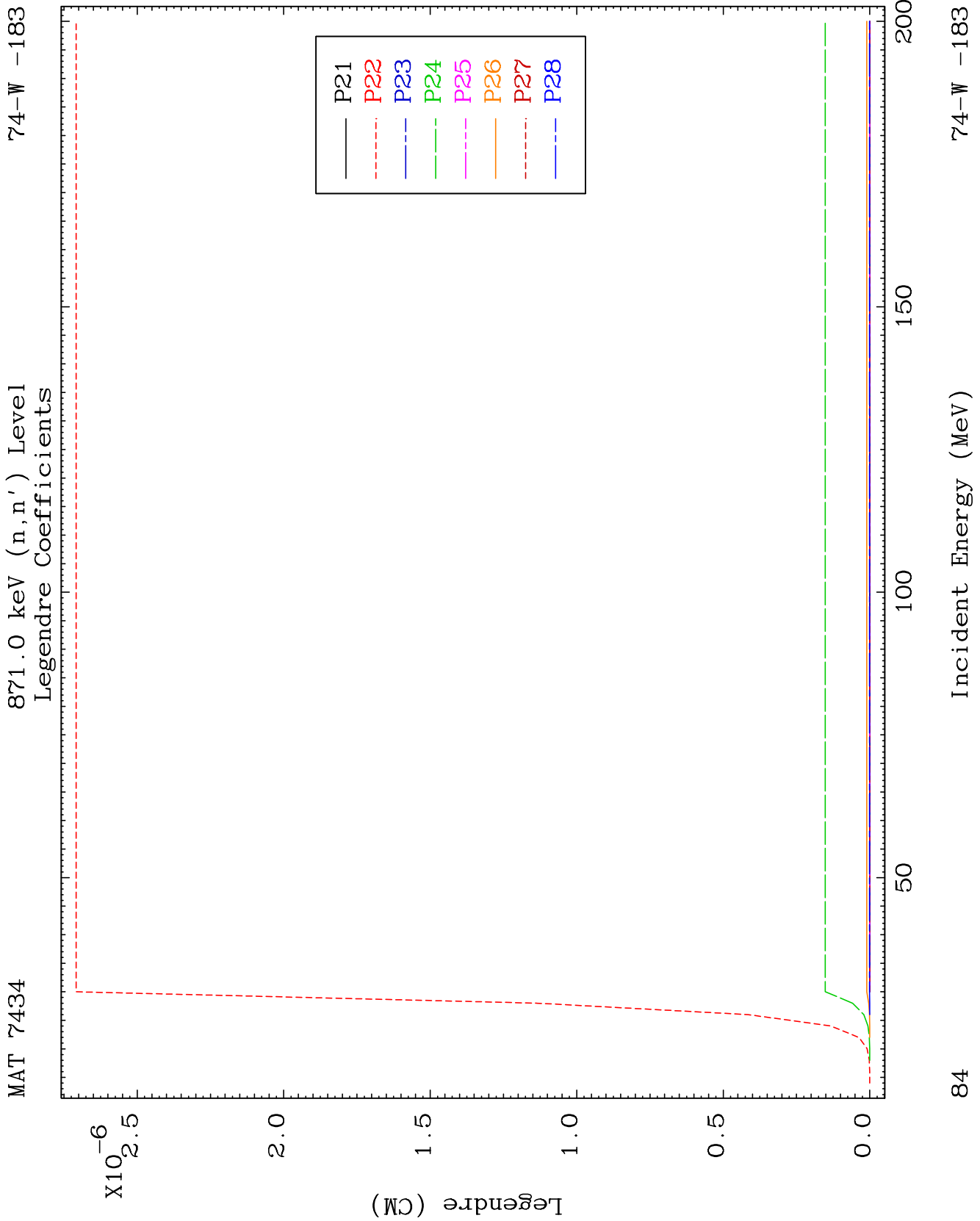
74-W -183



83

Incident Energy (MeV)

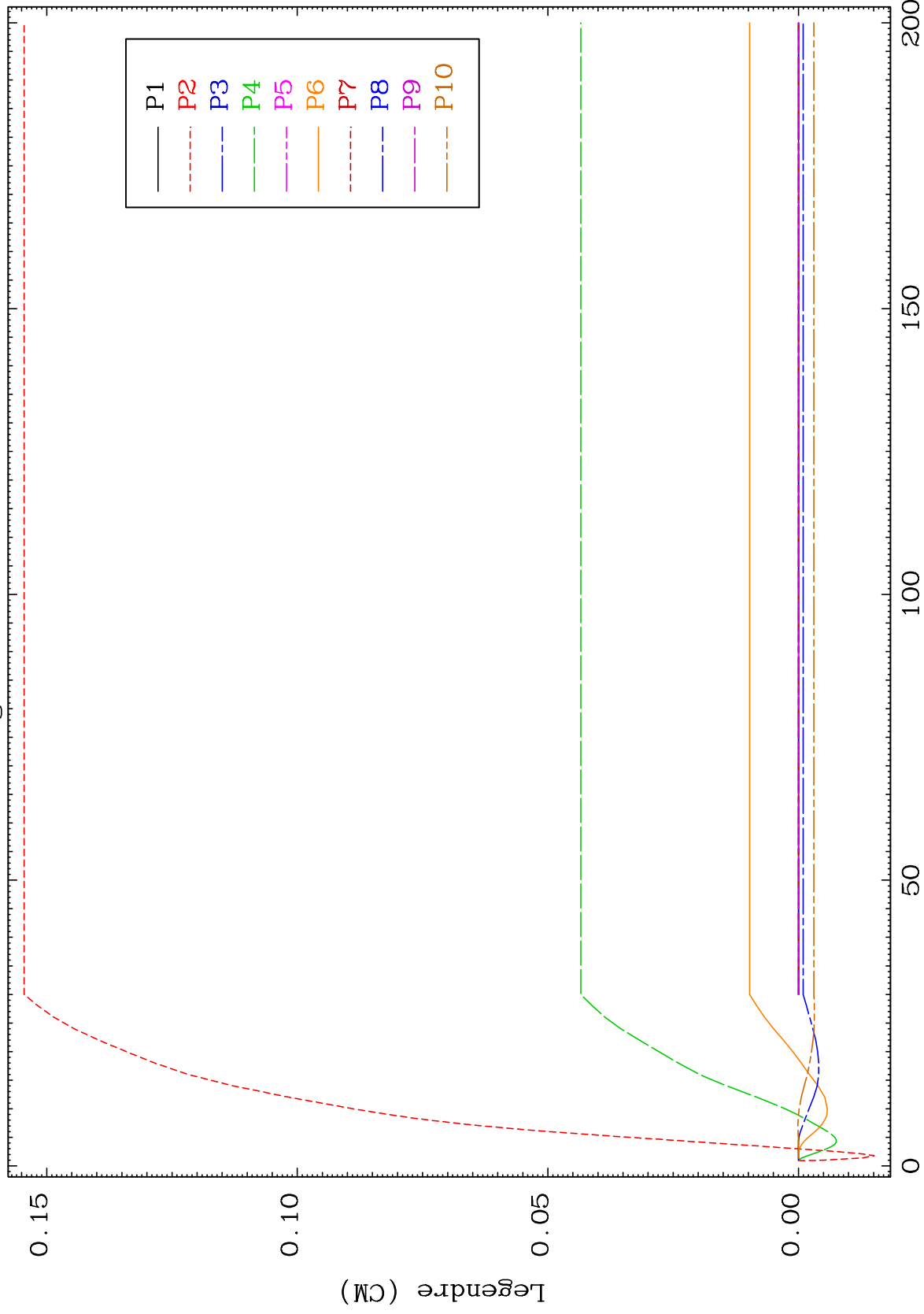
74-W -183



MAT 7434

903.5 keV (n,n') Level
Legendre Coefficients

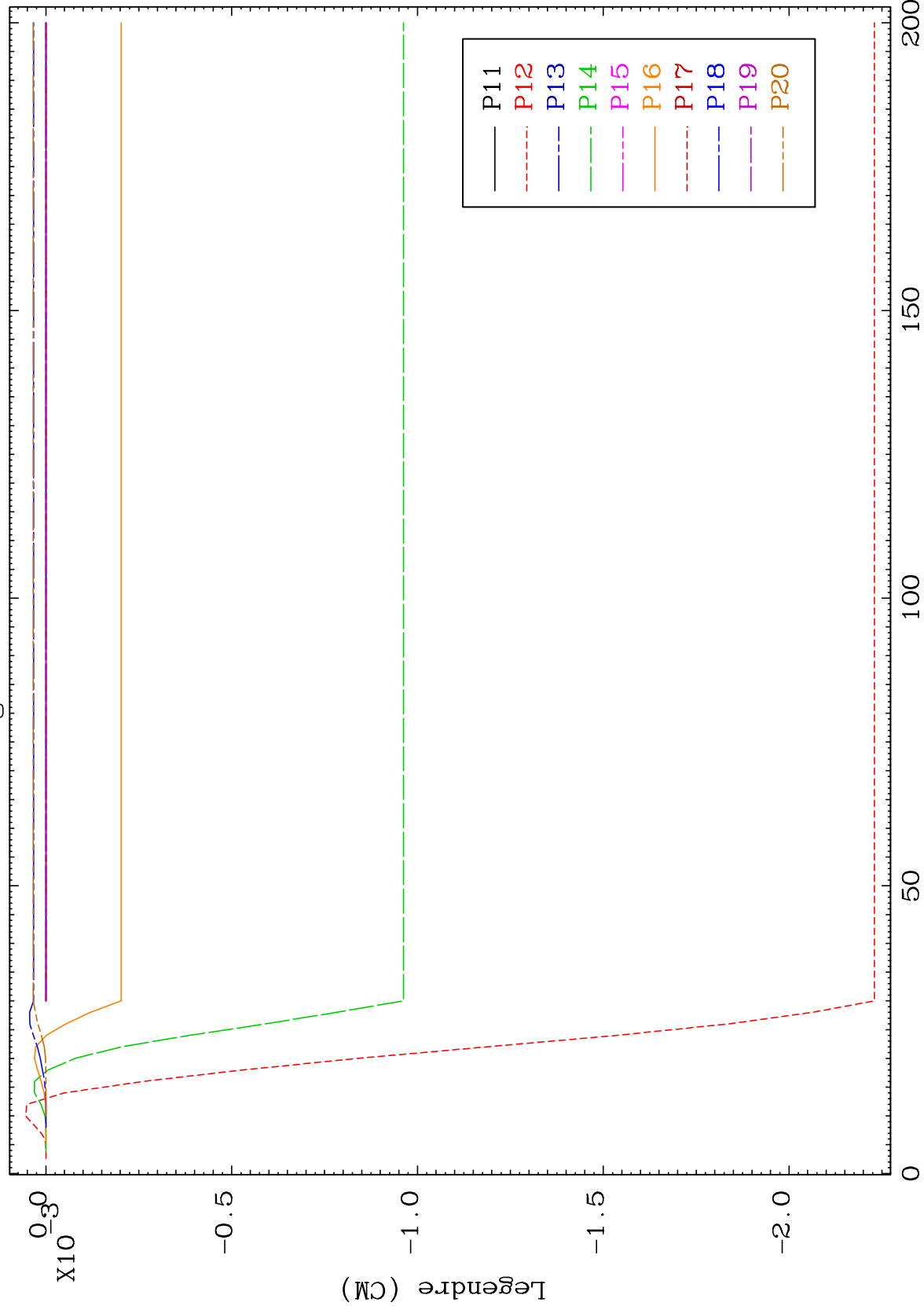
74-W -183

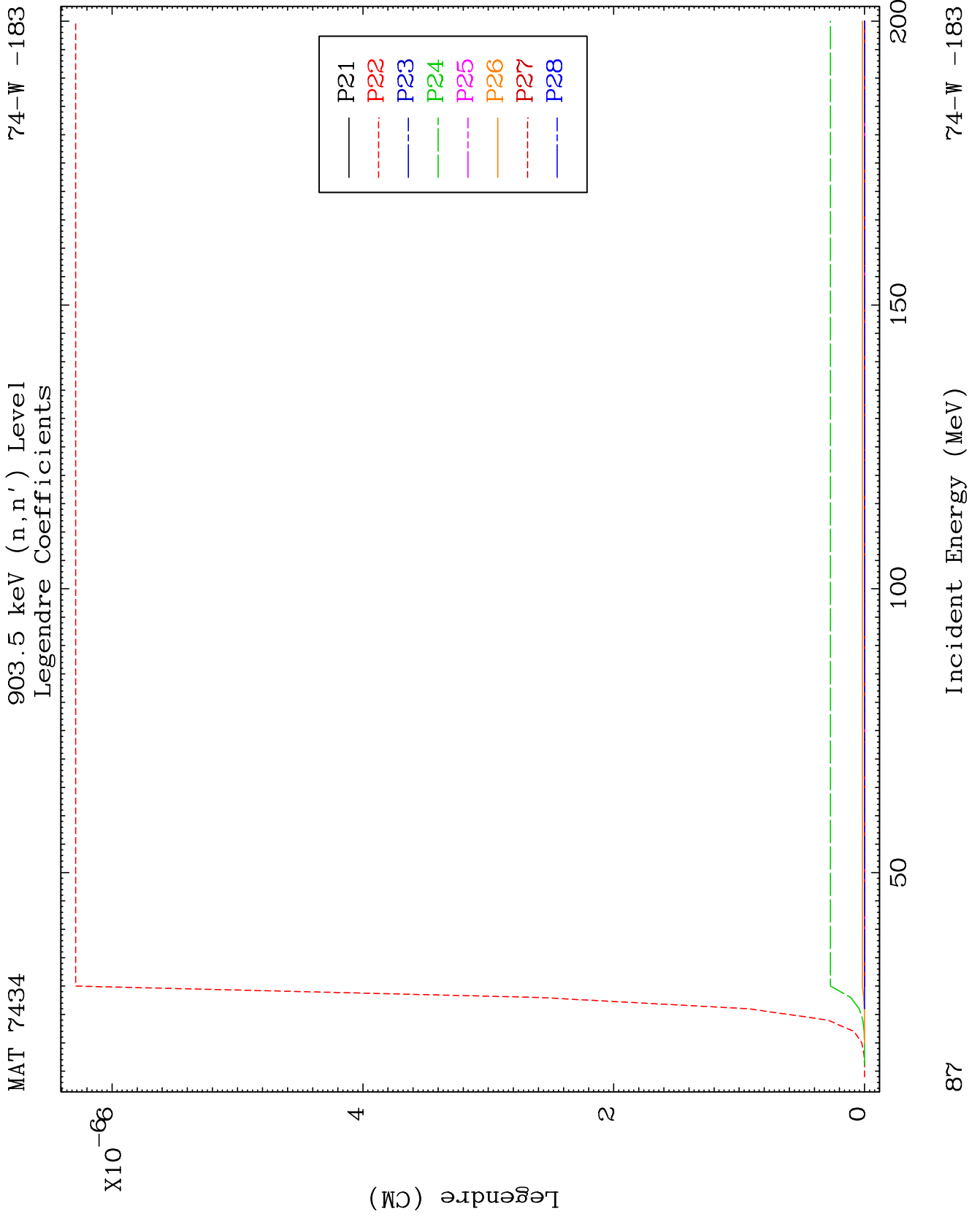


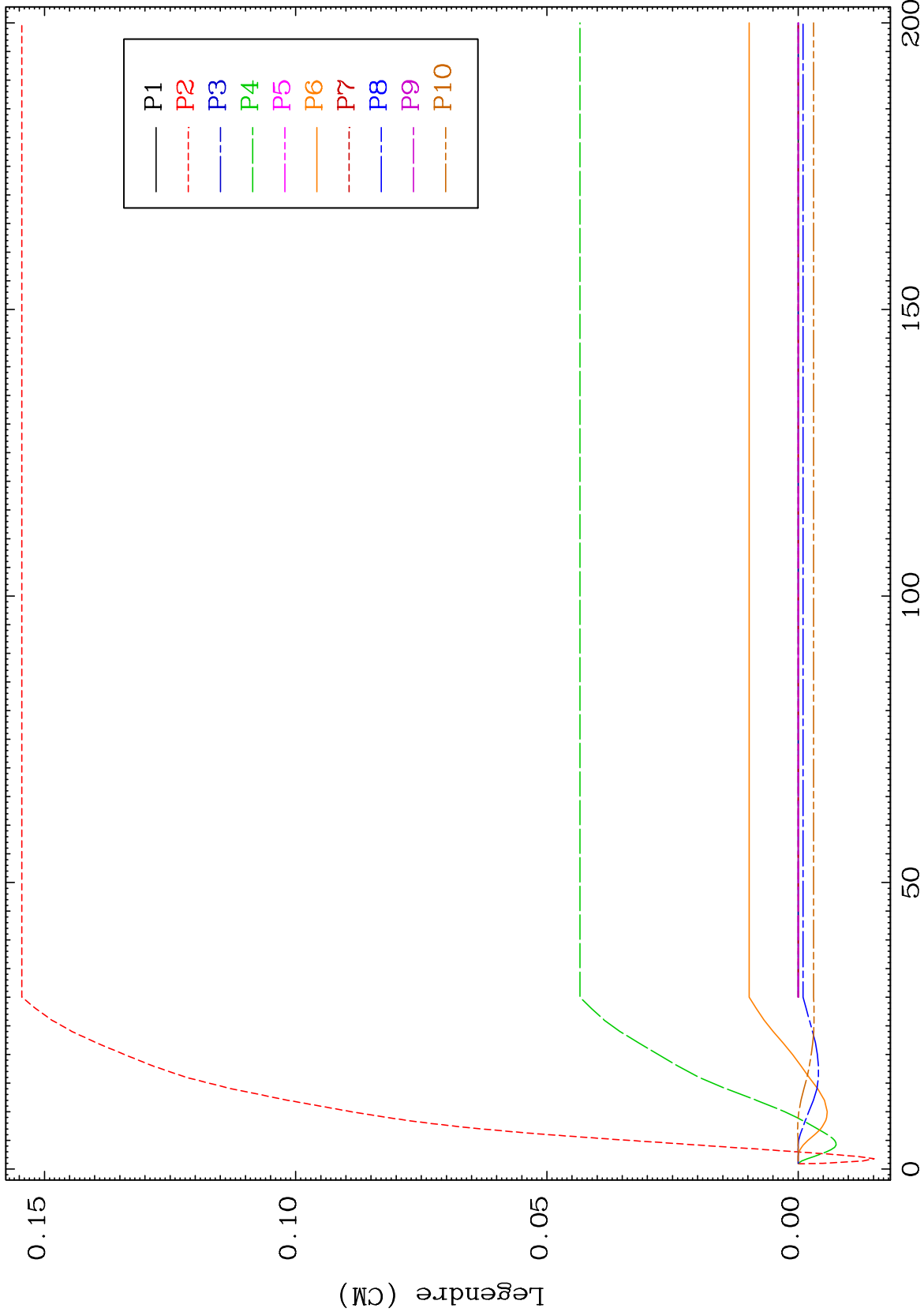
85

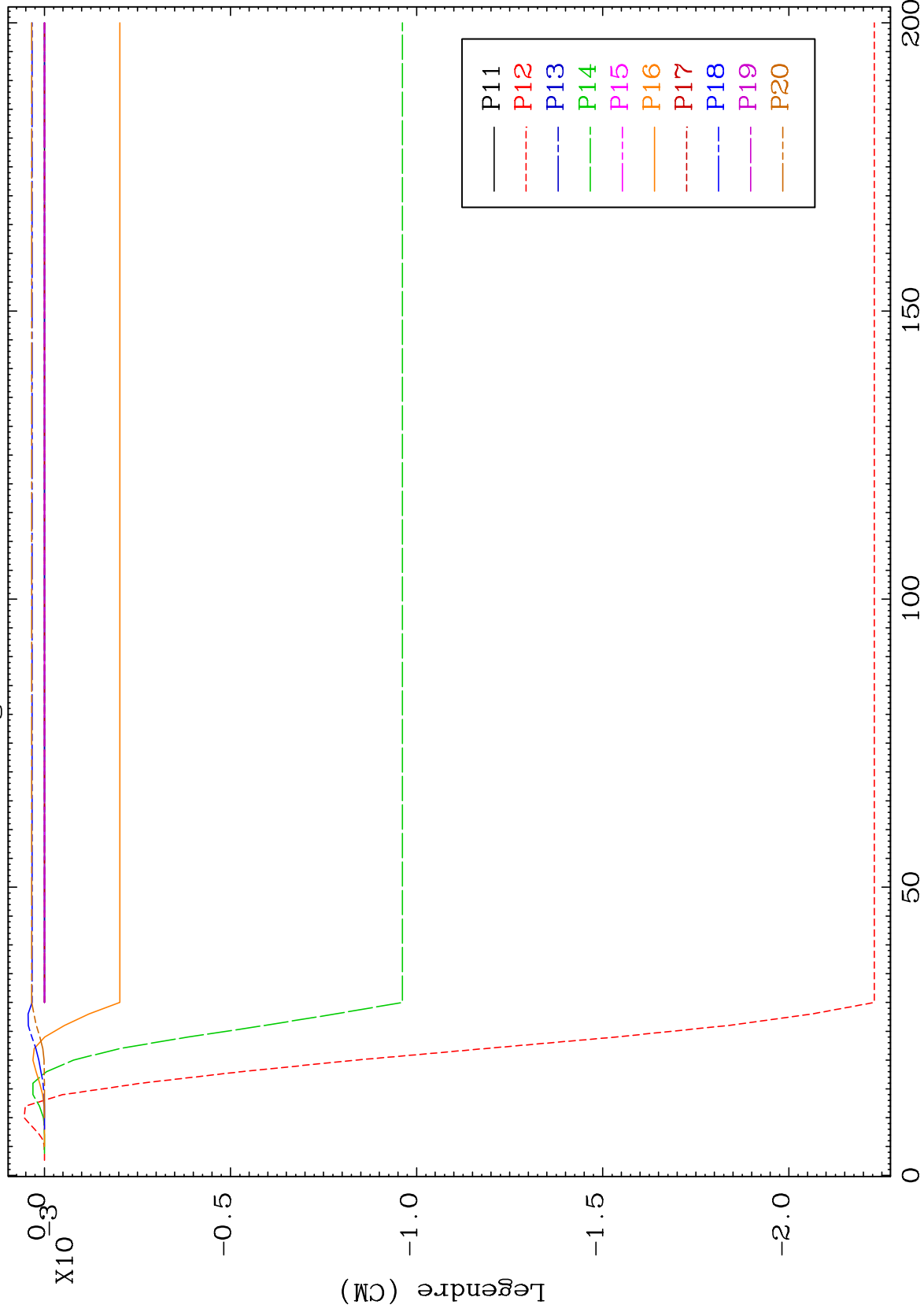
Incident Energy (MeV)

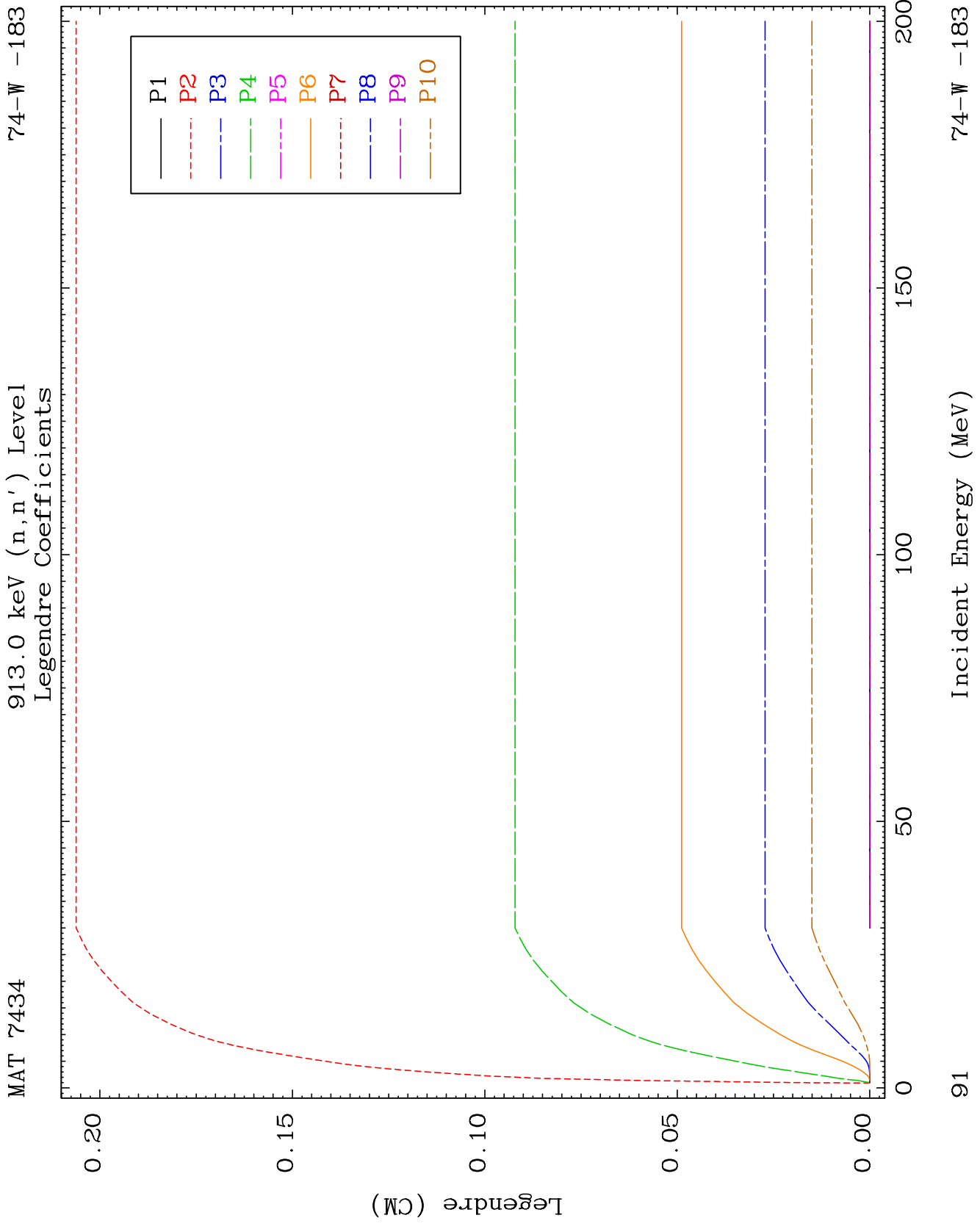
74-W -183

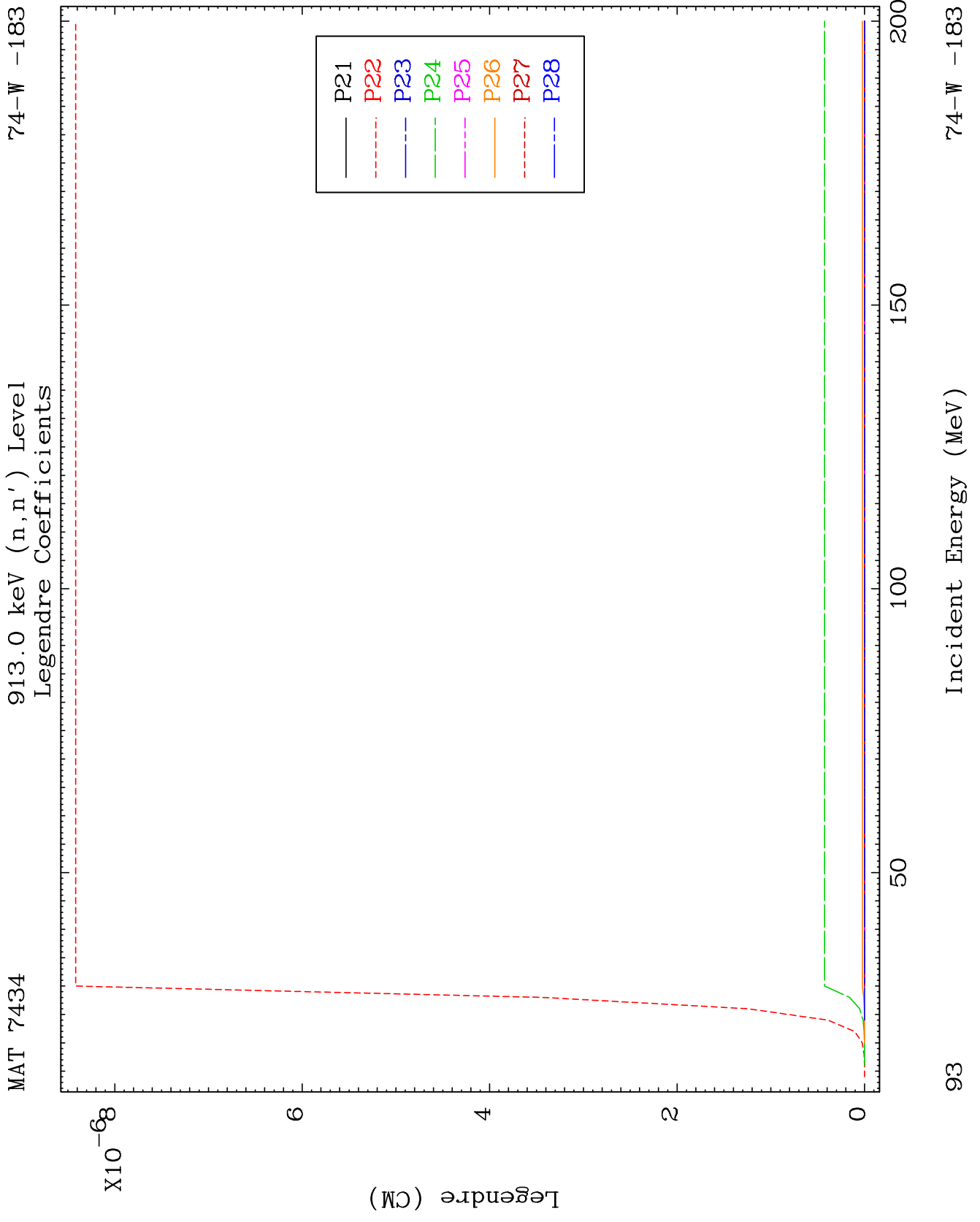








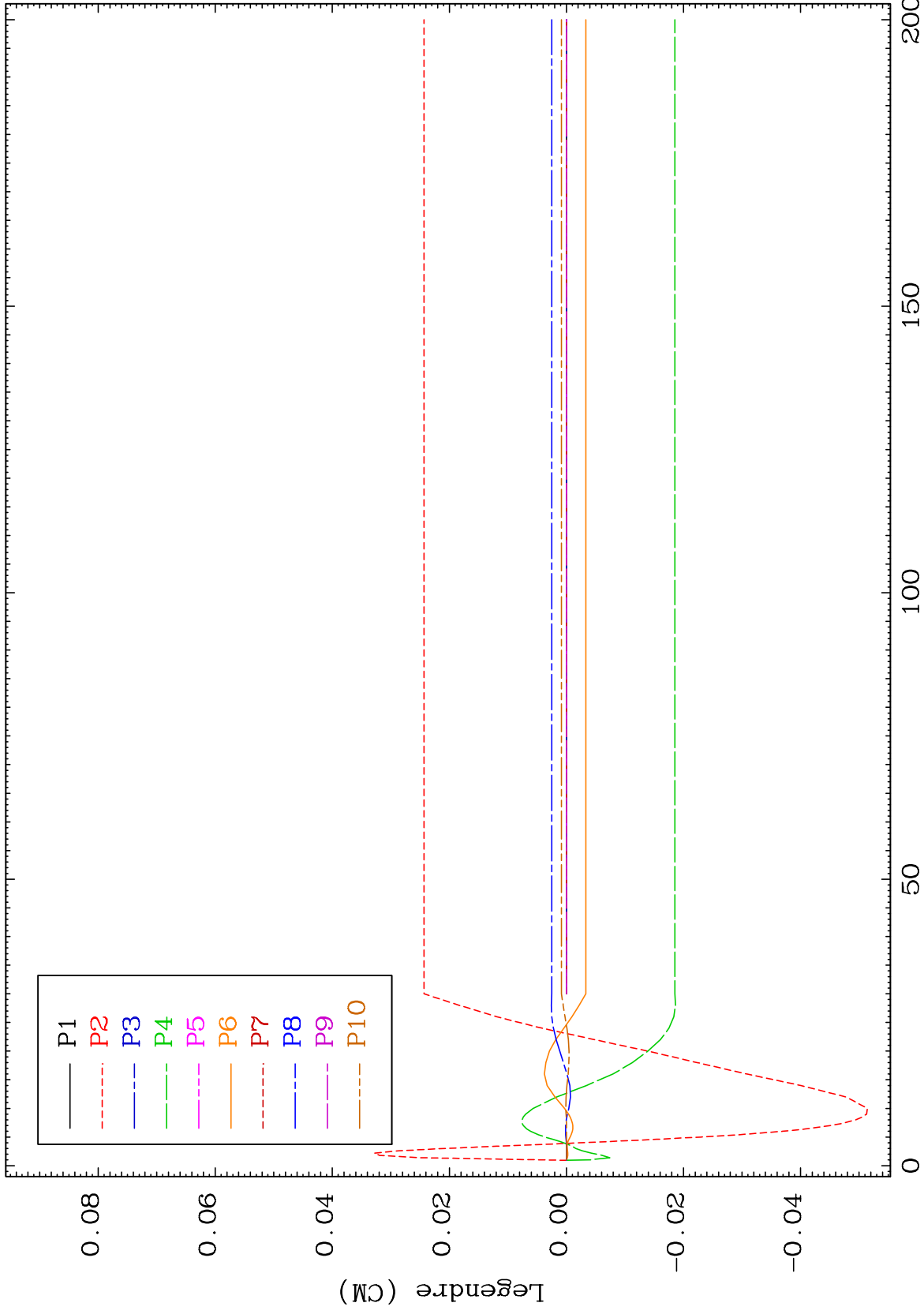




MAT 7434

926.2 keV (n,n') Level
Legendre Coefficients

74-W -183



94

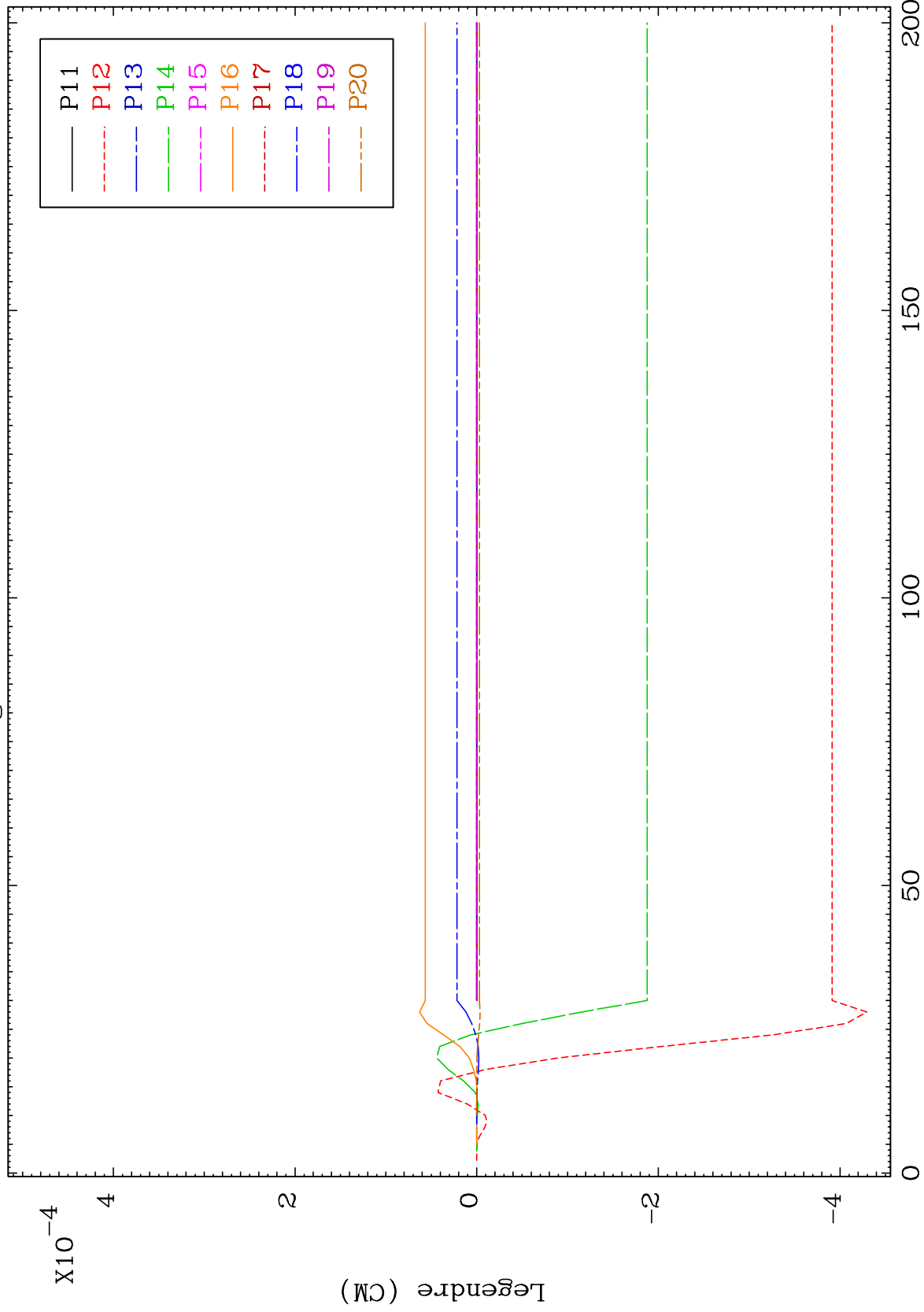
Incident Energy (MeV)

74-W -183

MAT 7434

926.2 keV (n,n') Level
Legendre Coefficients

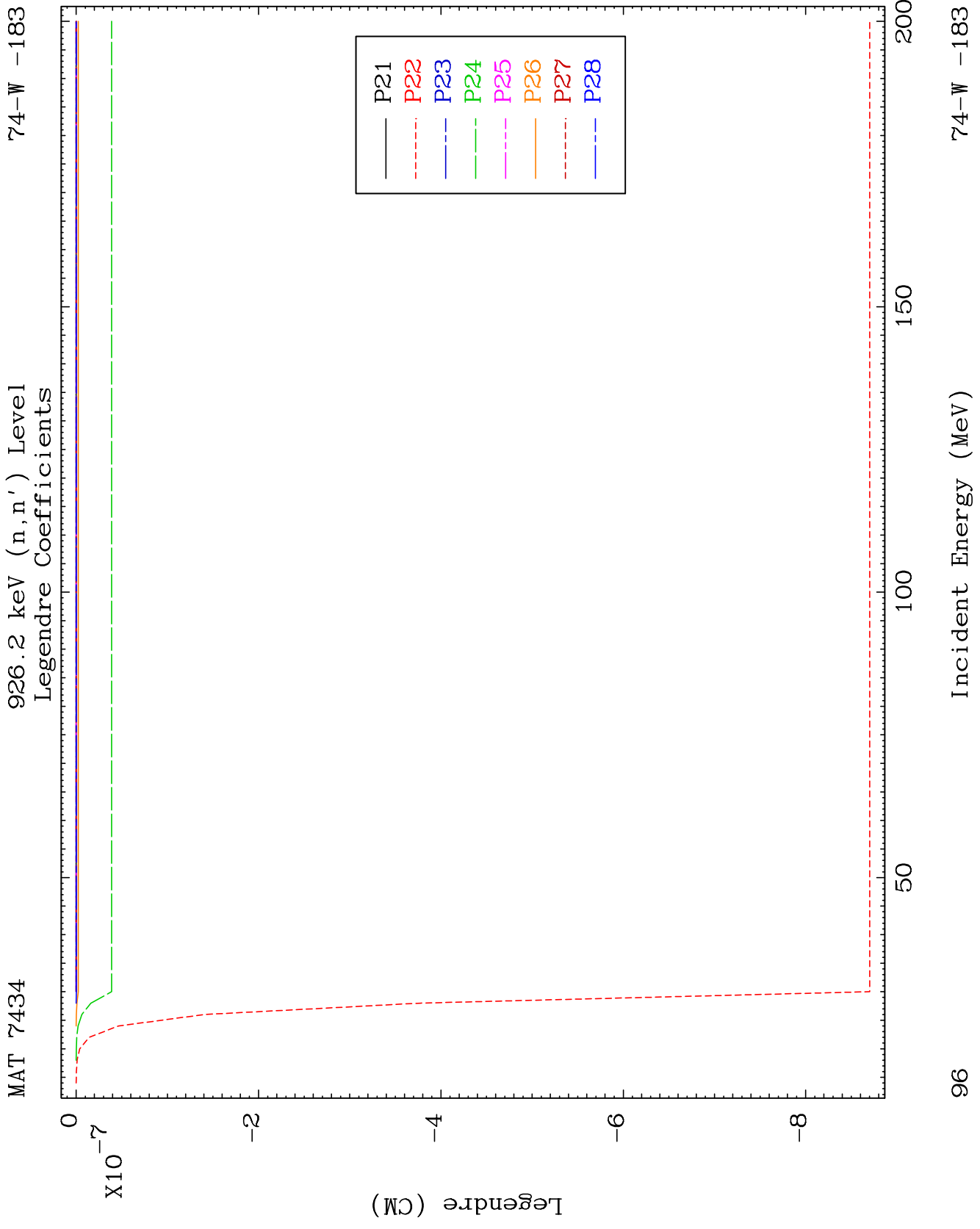
74-W -183

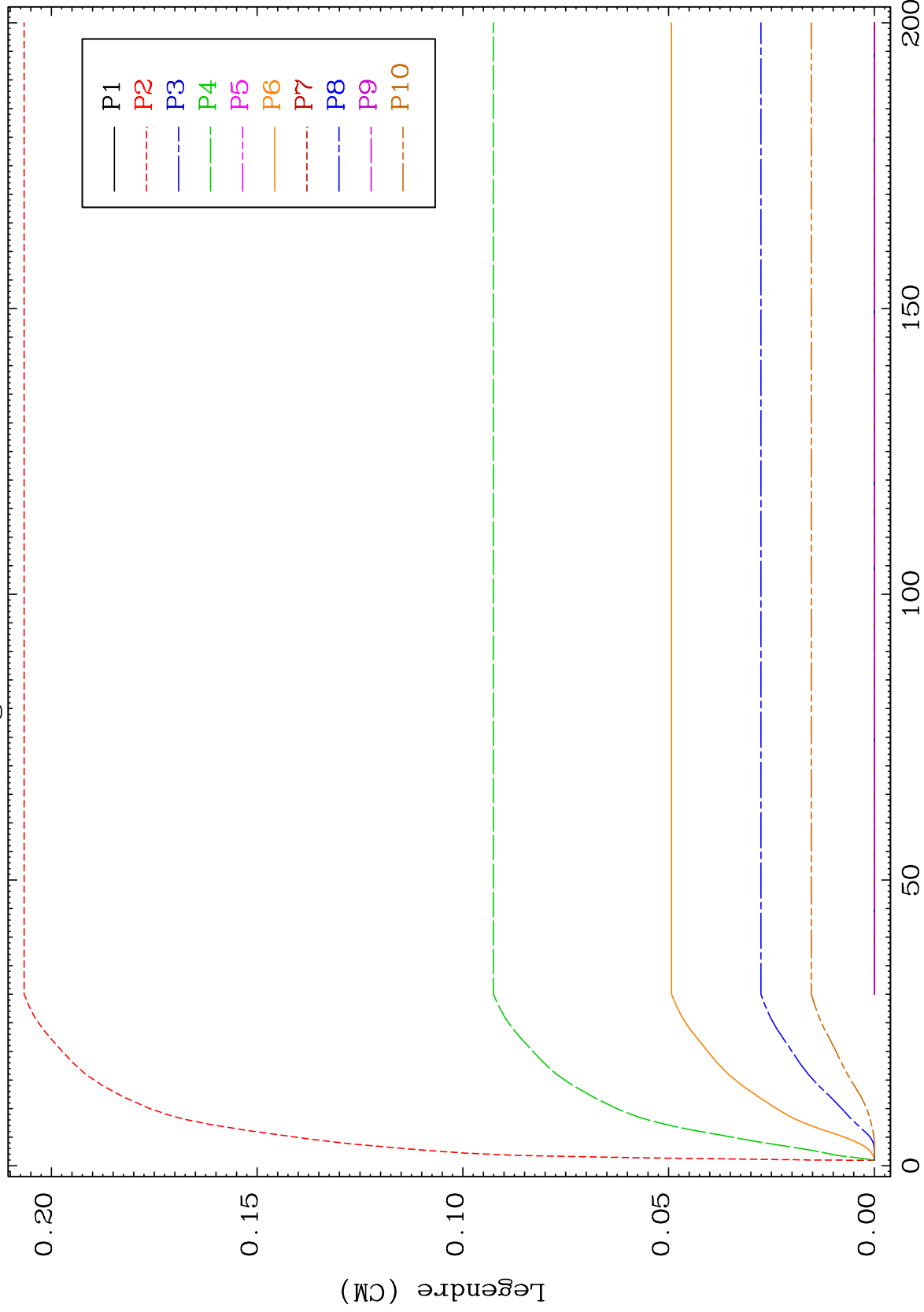


95

Incident Energy (MeV)

74-W -183

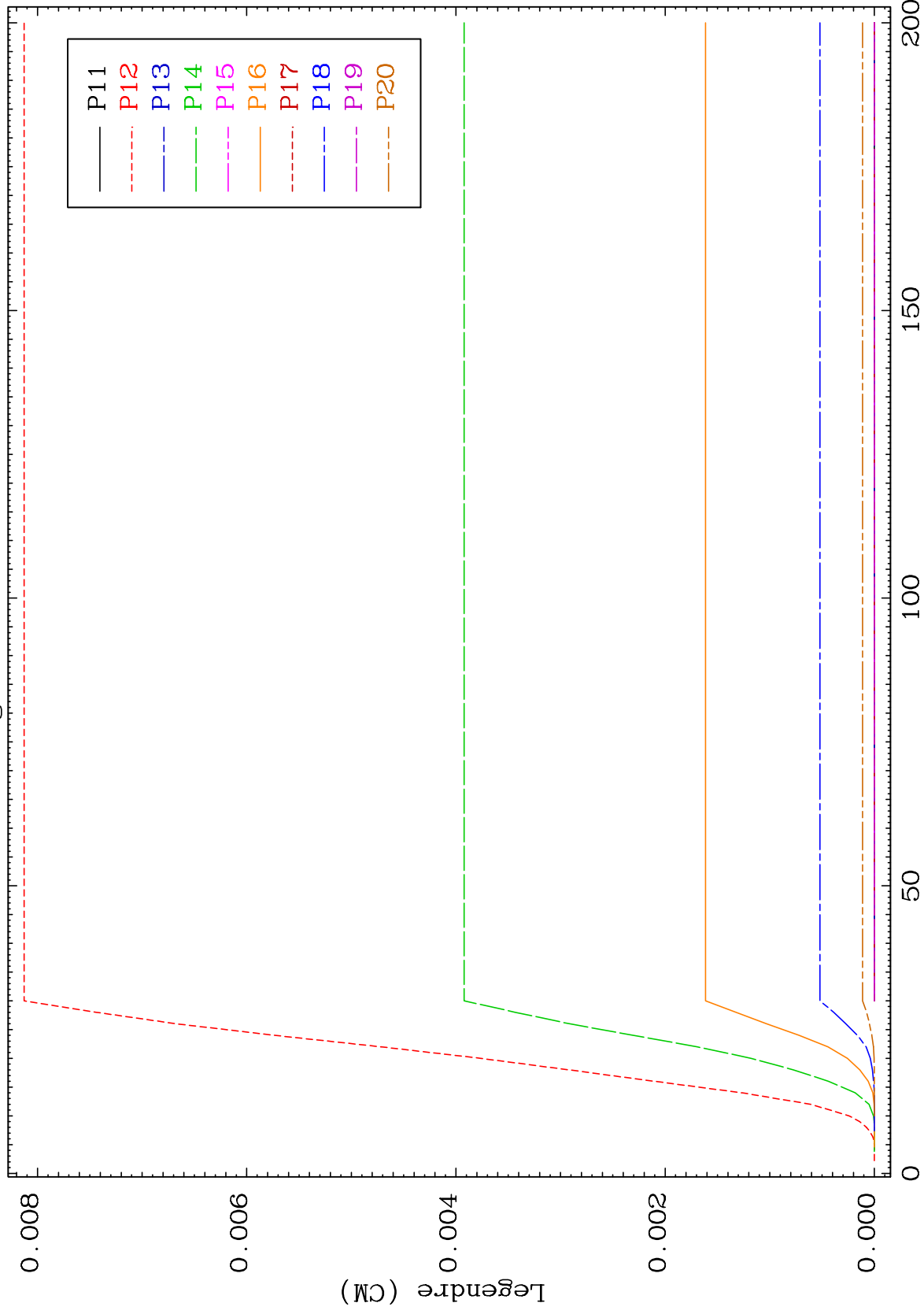




MAT 7434

934.6 keV (n,n') Level
Legendre Coefficients

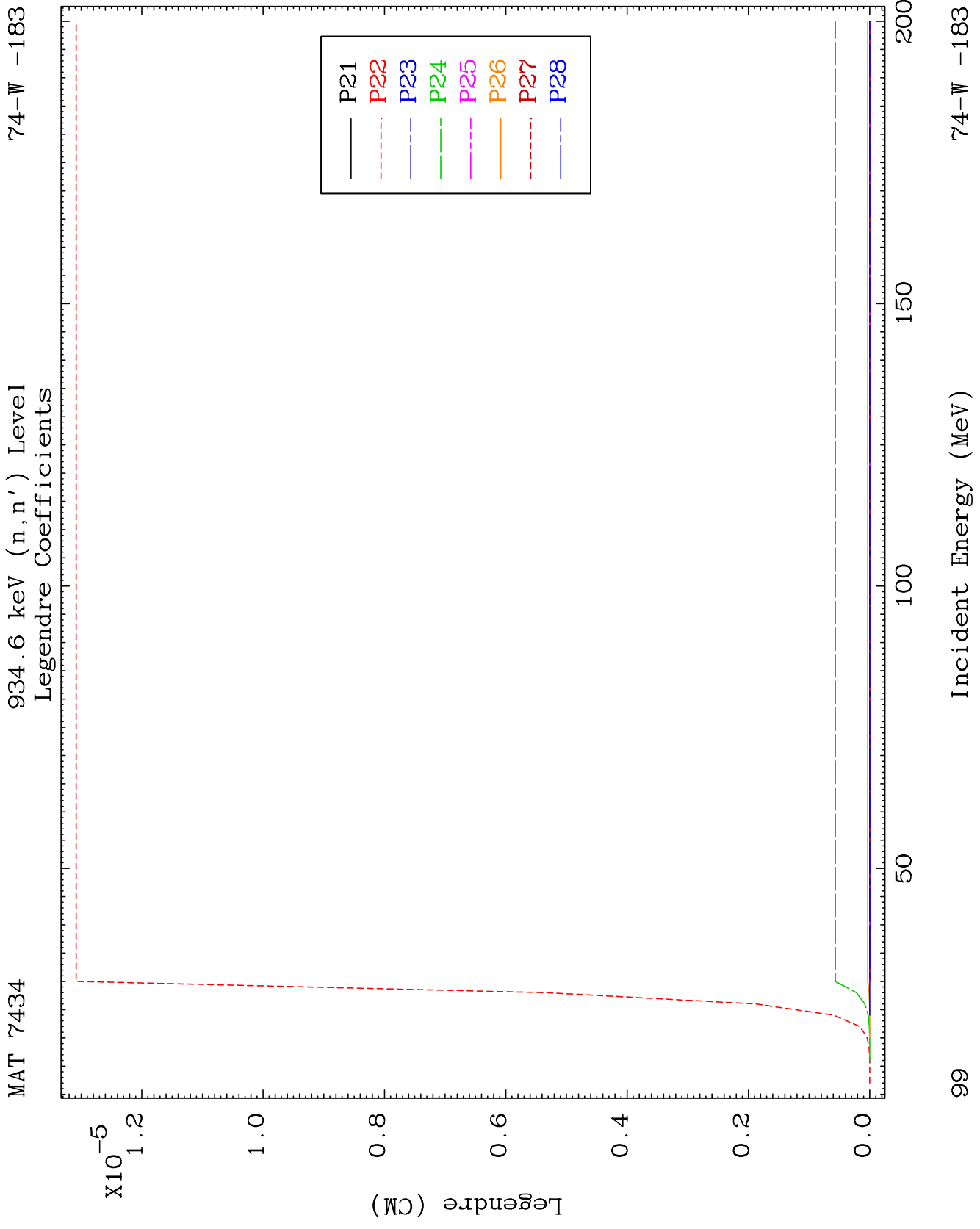
74-W -183



98

Incident Energy (MeV)

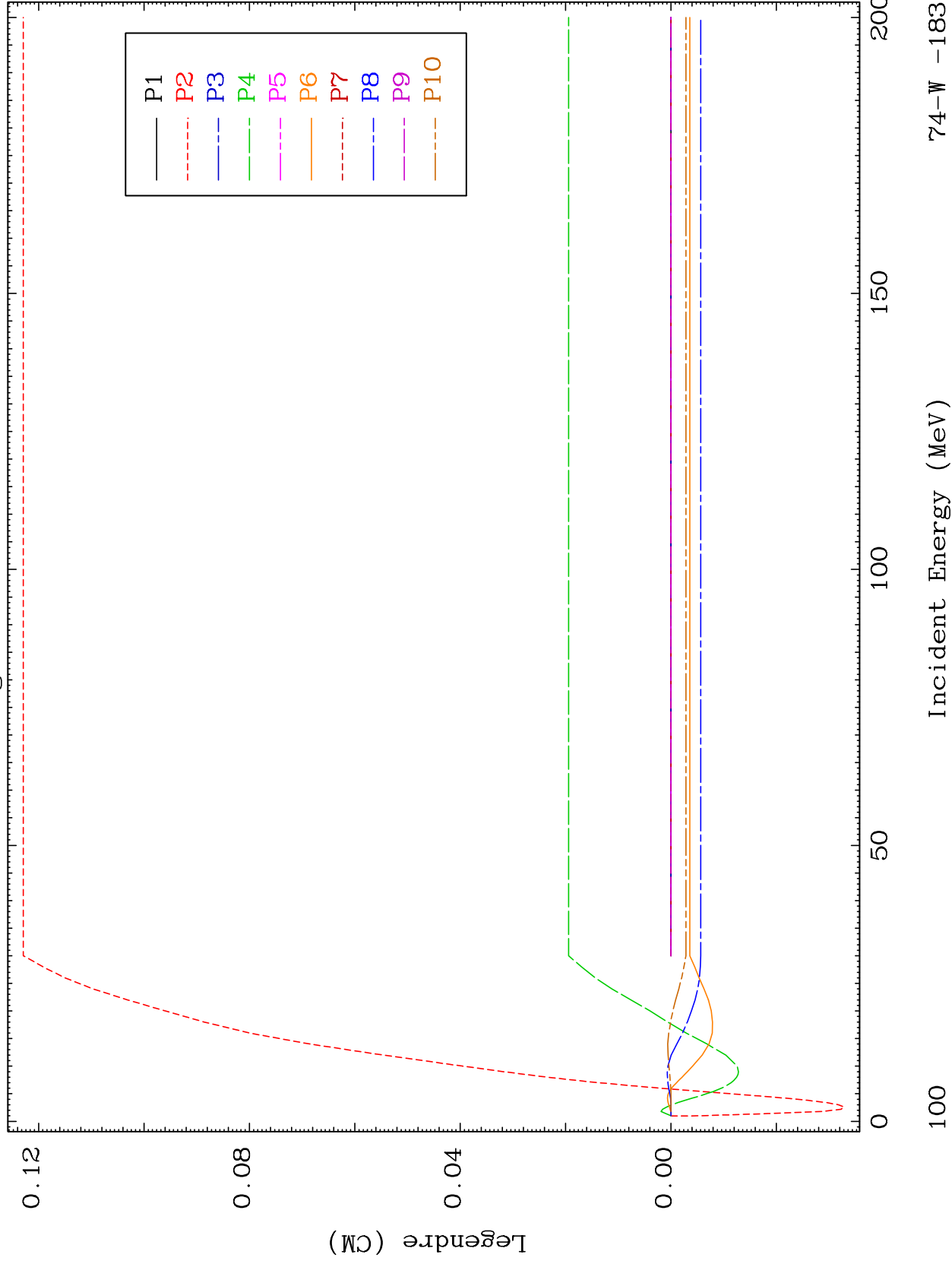
74-W -183



MAT 7434

960.0 keV (n,n') Level
Legendre Coefficients

74-W -183

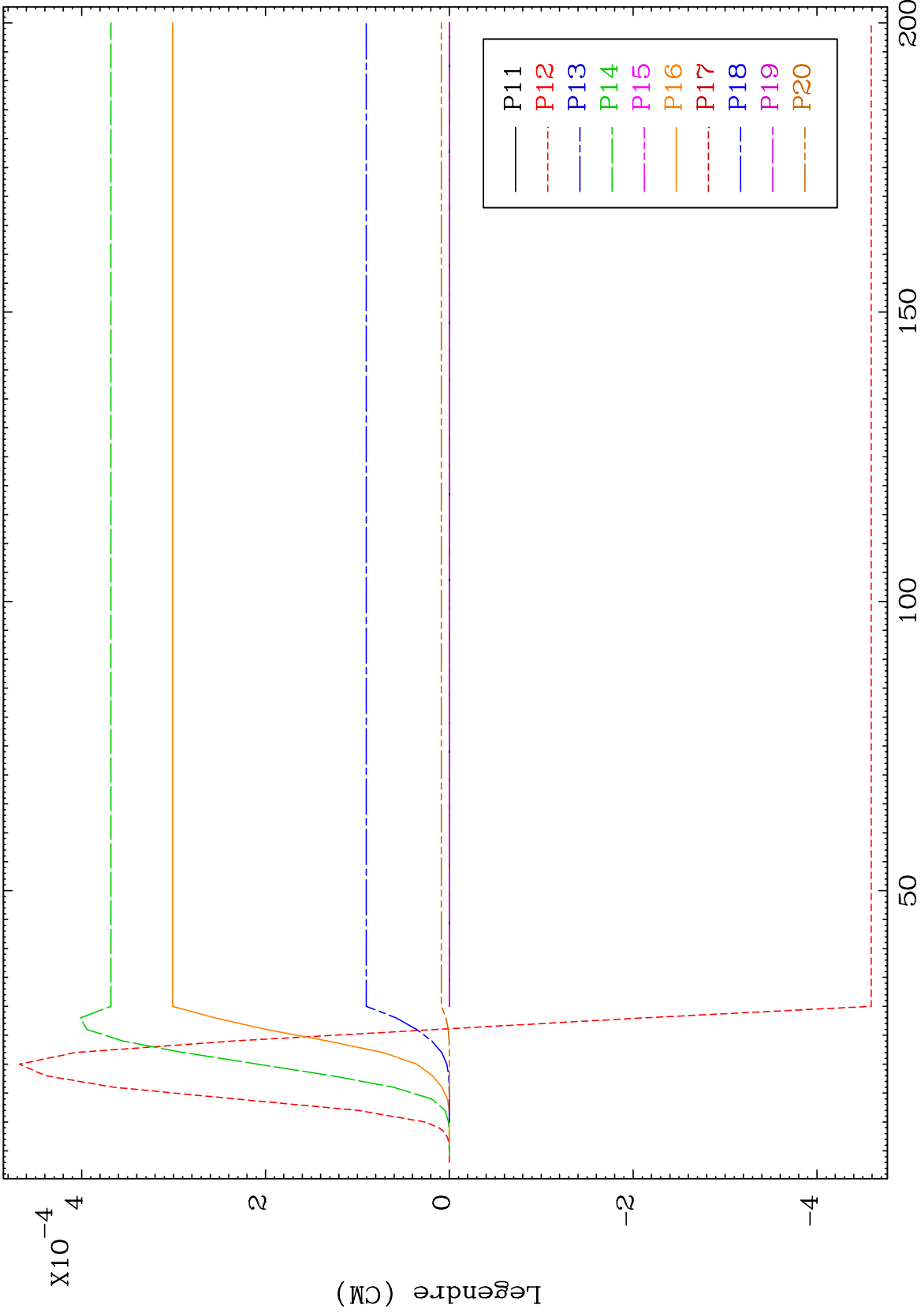


74-W -183

MAT 7434

960.0 keV (n,n') Level
Legendre Coefficients

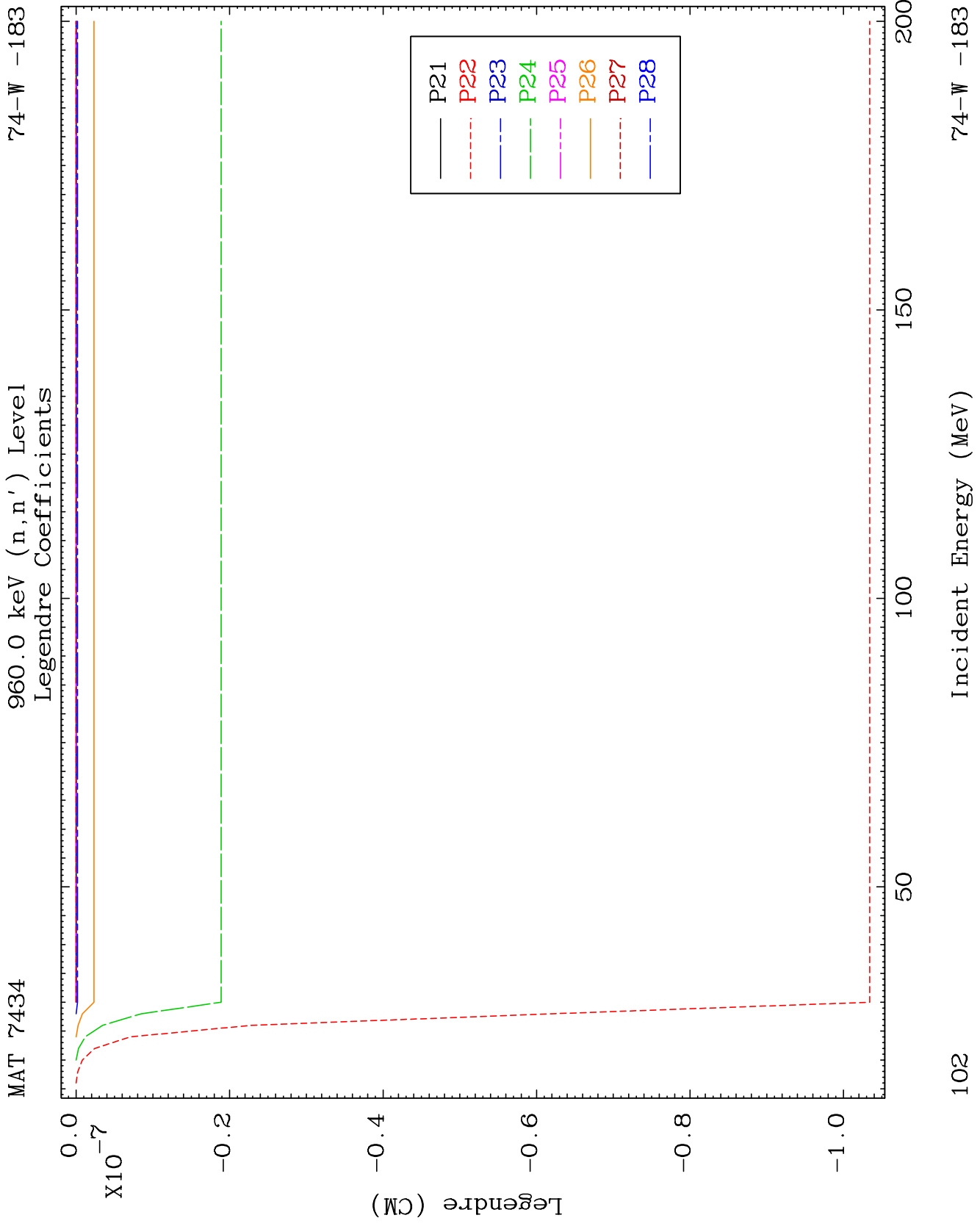
74-W -183



101

Incident Energy (MeV)

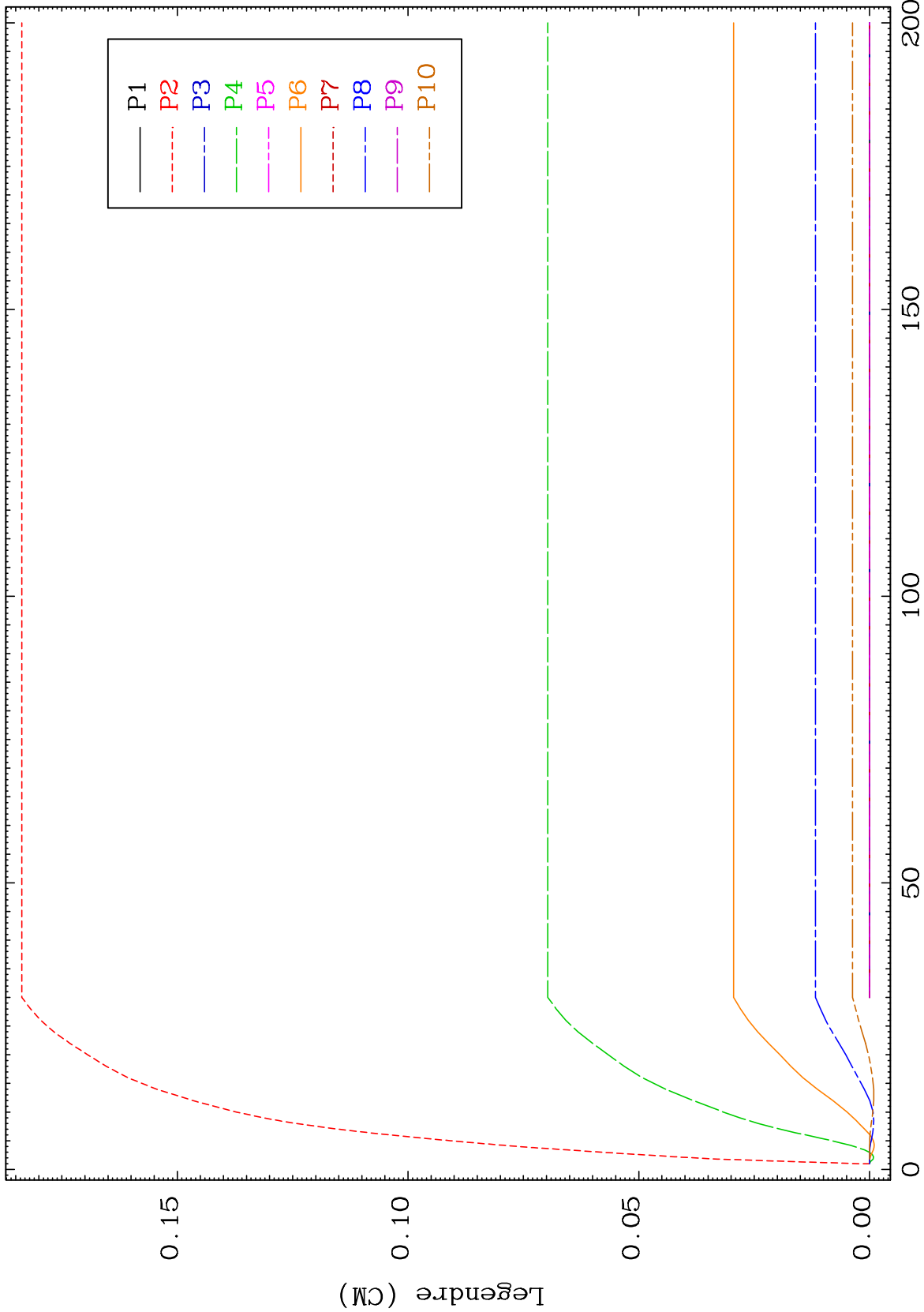
74-W -183



MAT 7434

967.0 keV (n,n') Level
Legendre Coefficients

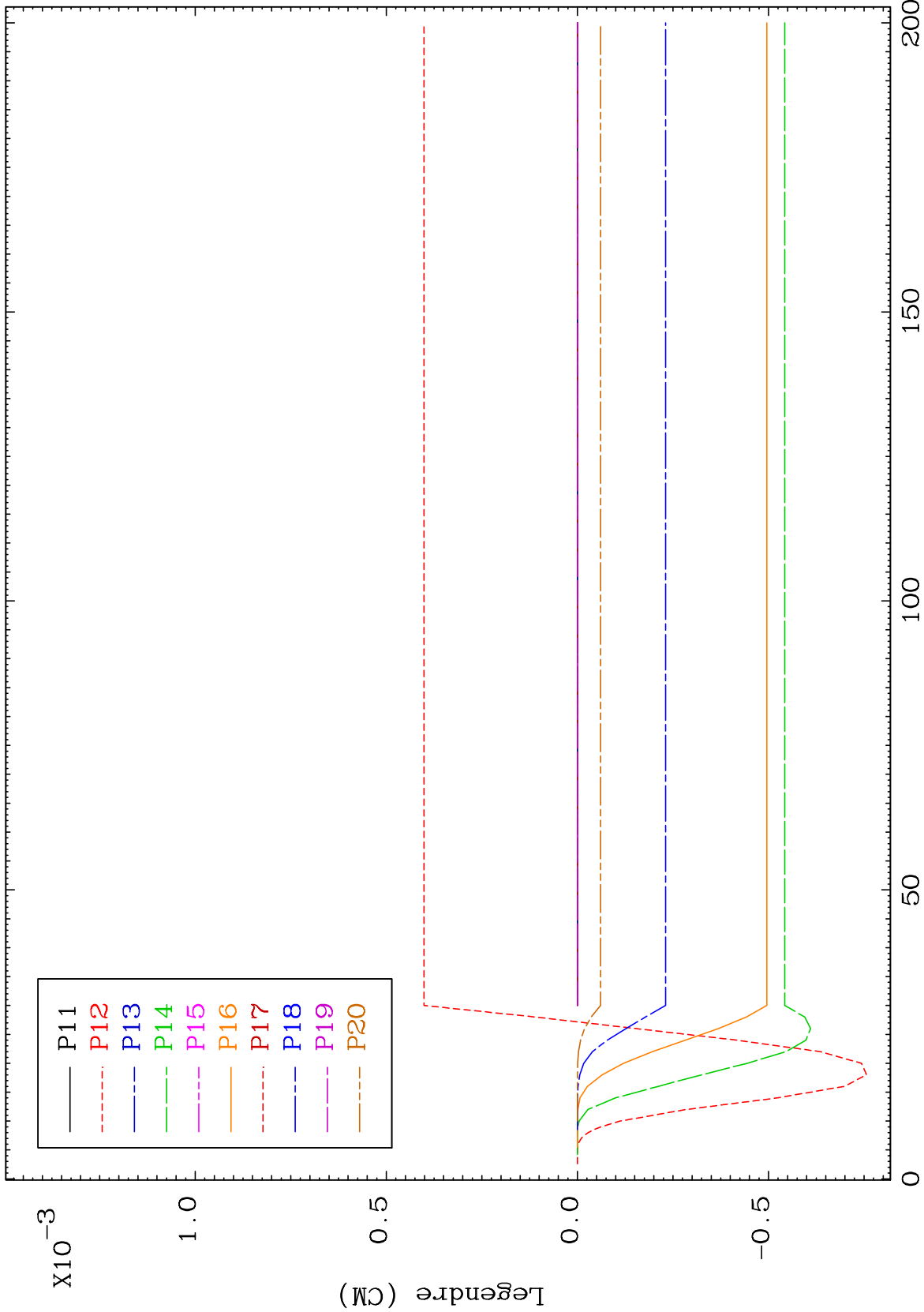
74-W -183

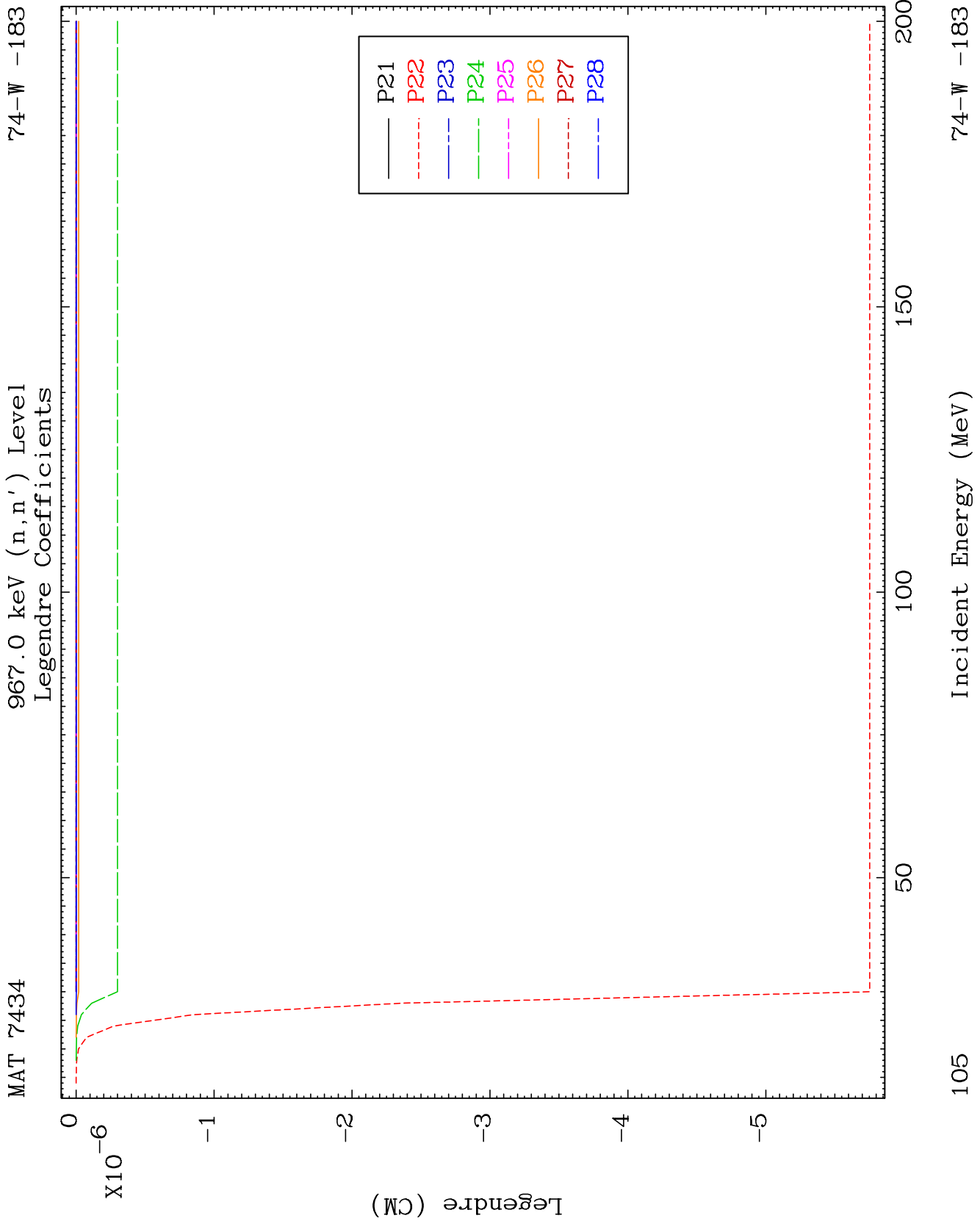


103

Incident Energy (MeV)

74-W -183

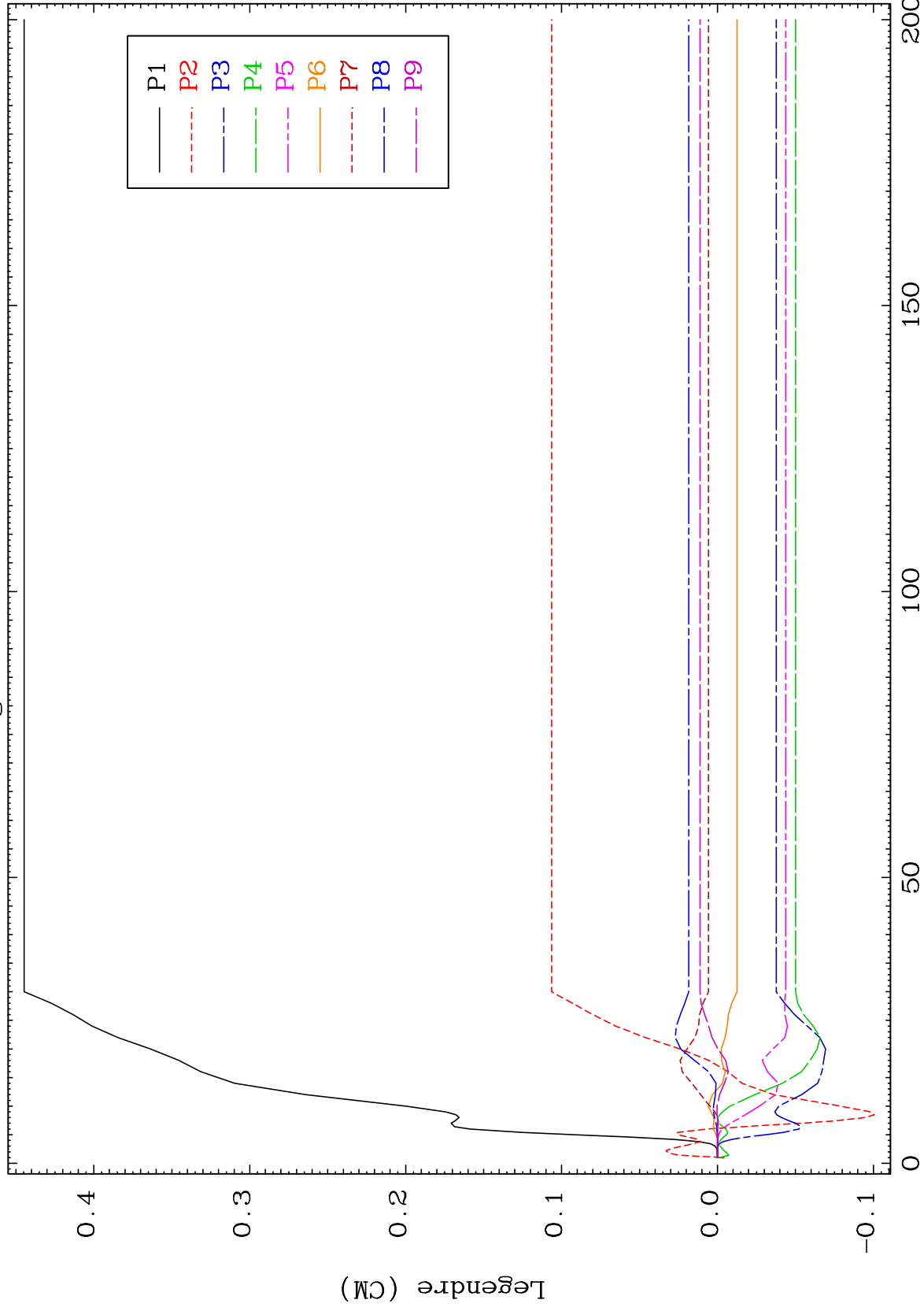




MAT 7434

974.0 keV (n,n') Level
Legendre Coefficients

74-W -183



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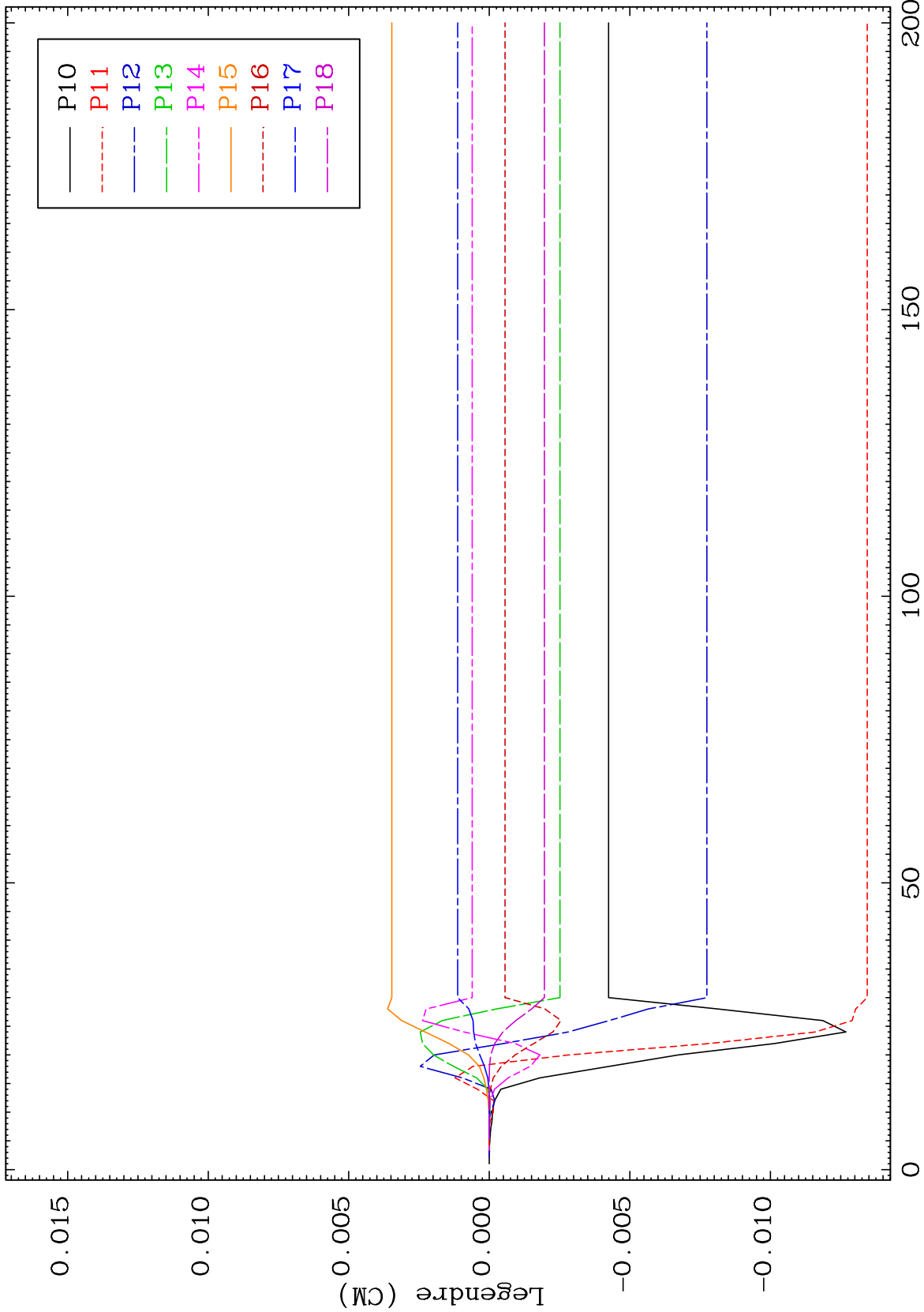
Incident Energy (MeV)

74-W -183

MAT 7434

974.0 keV (n,n') Level
Legendre Coefficients

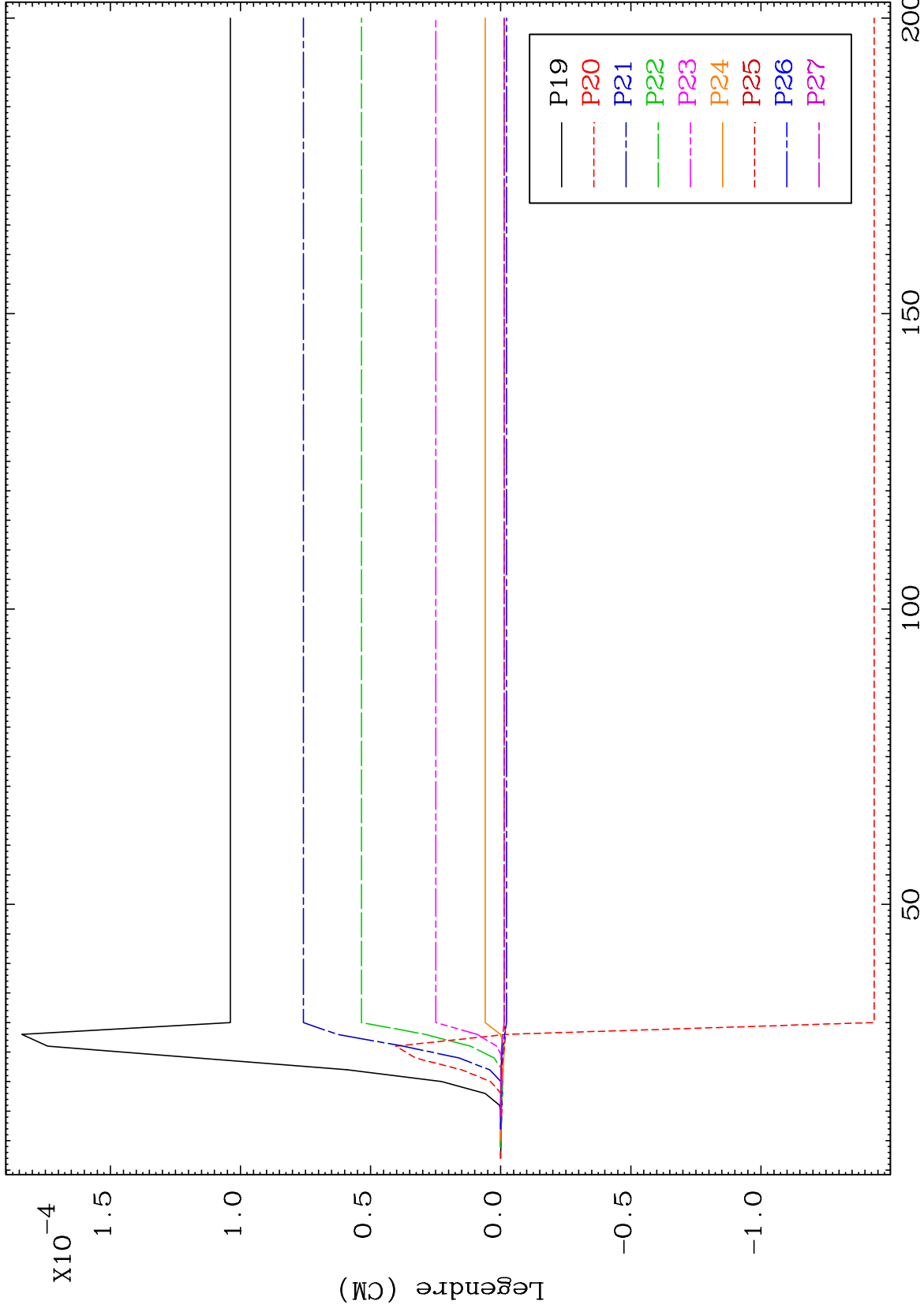
74-W -183

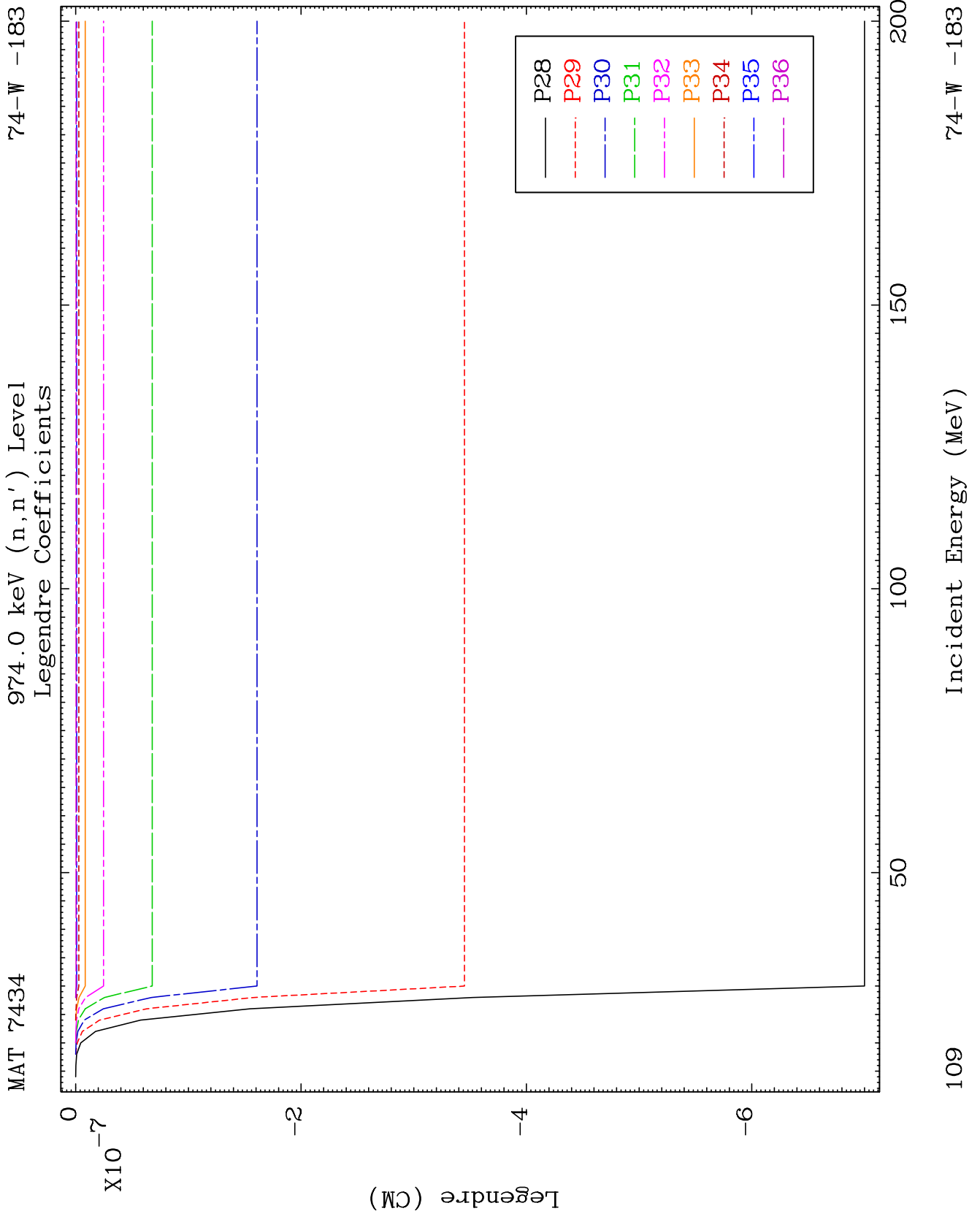


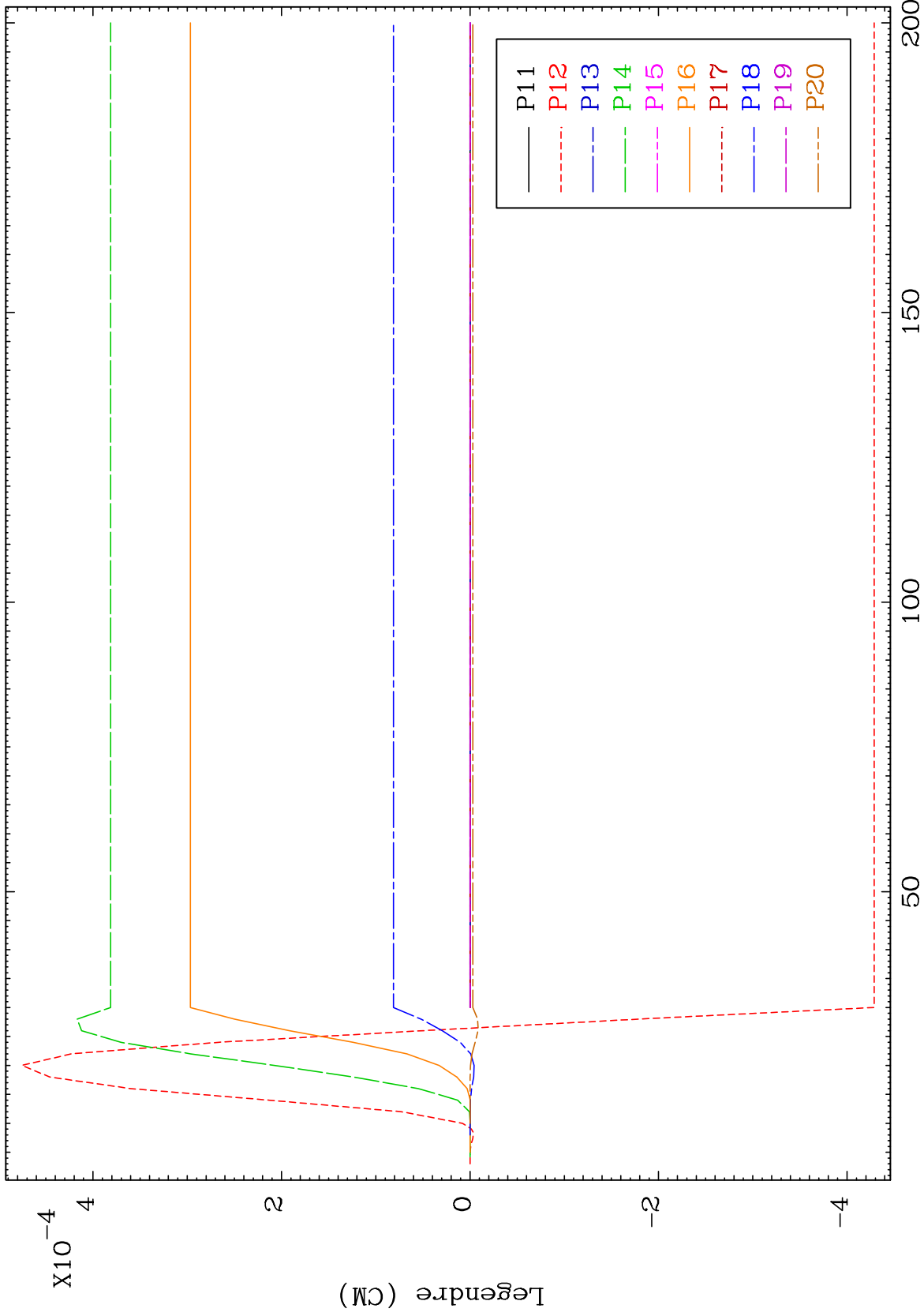
107

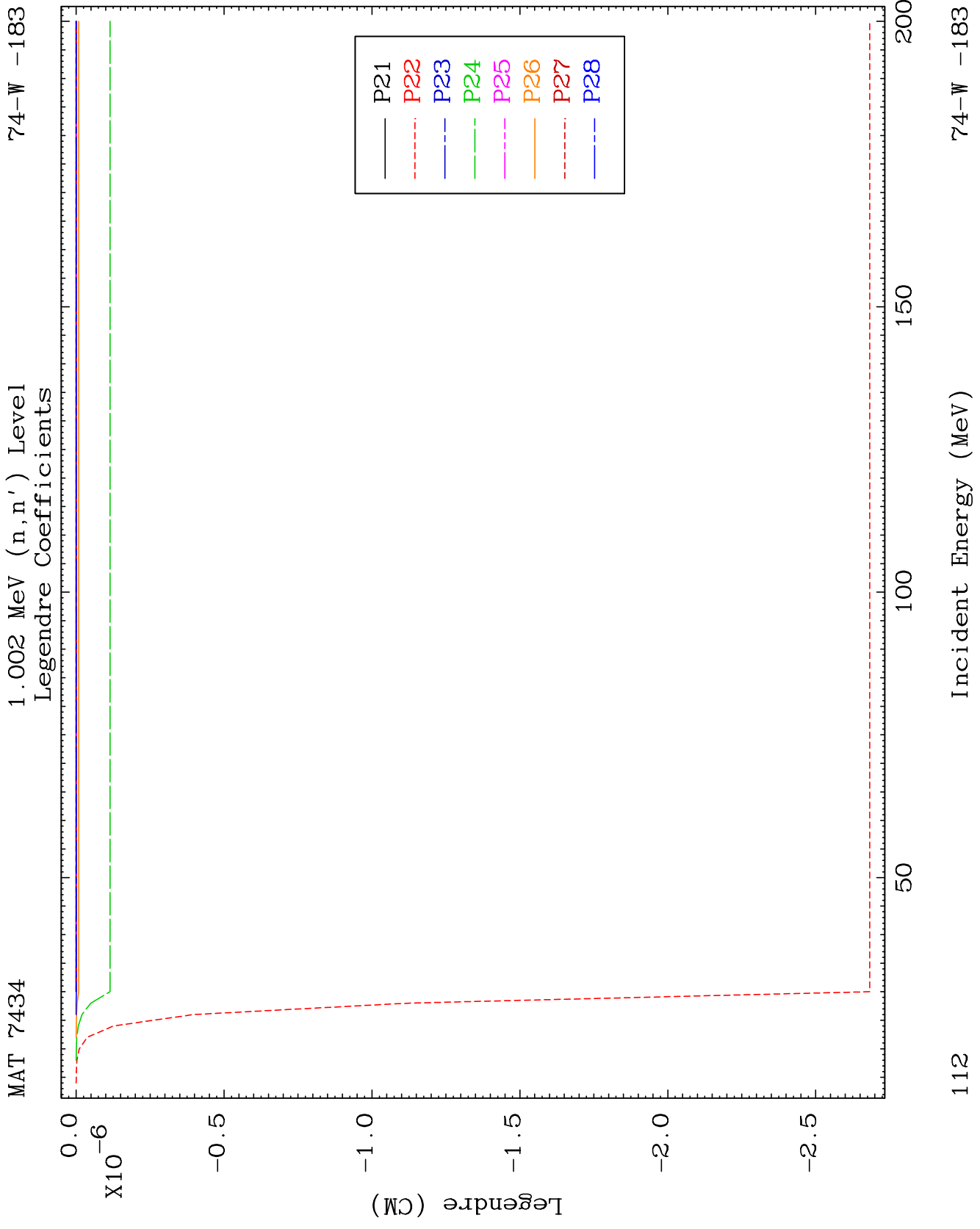
Incident Energy (MeV)

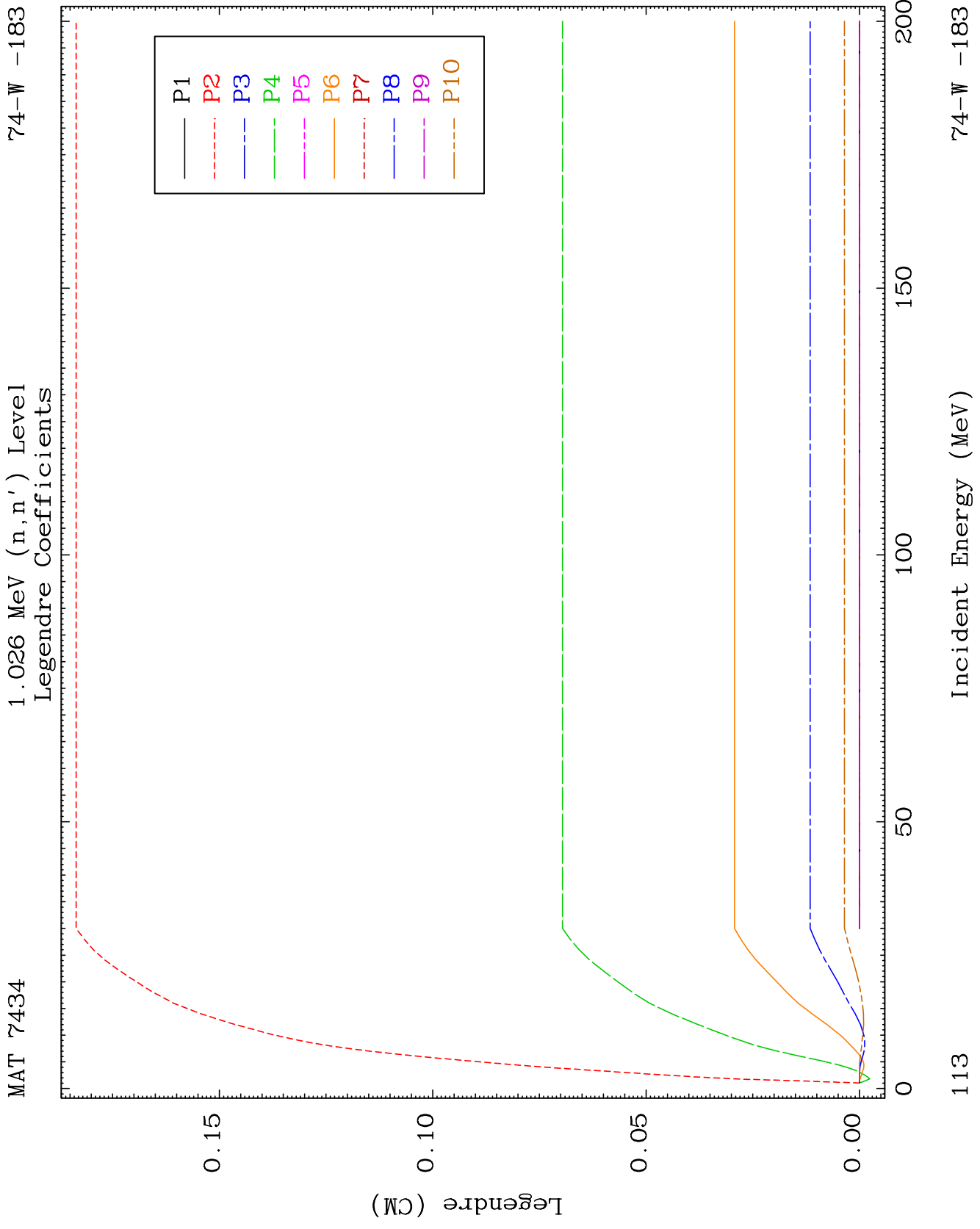
74-W -183

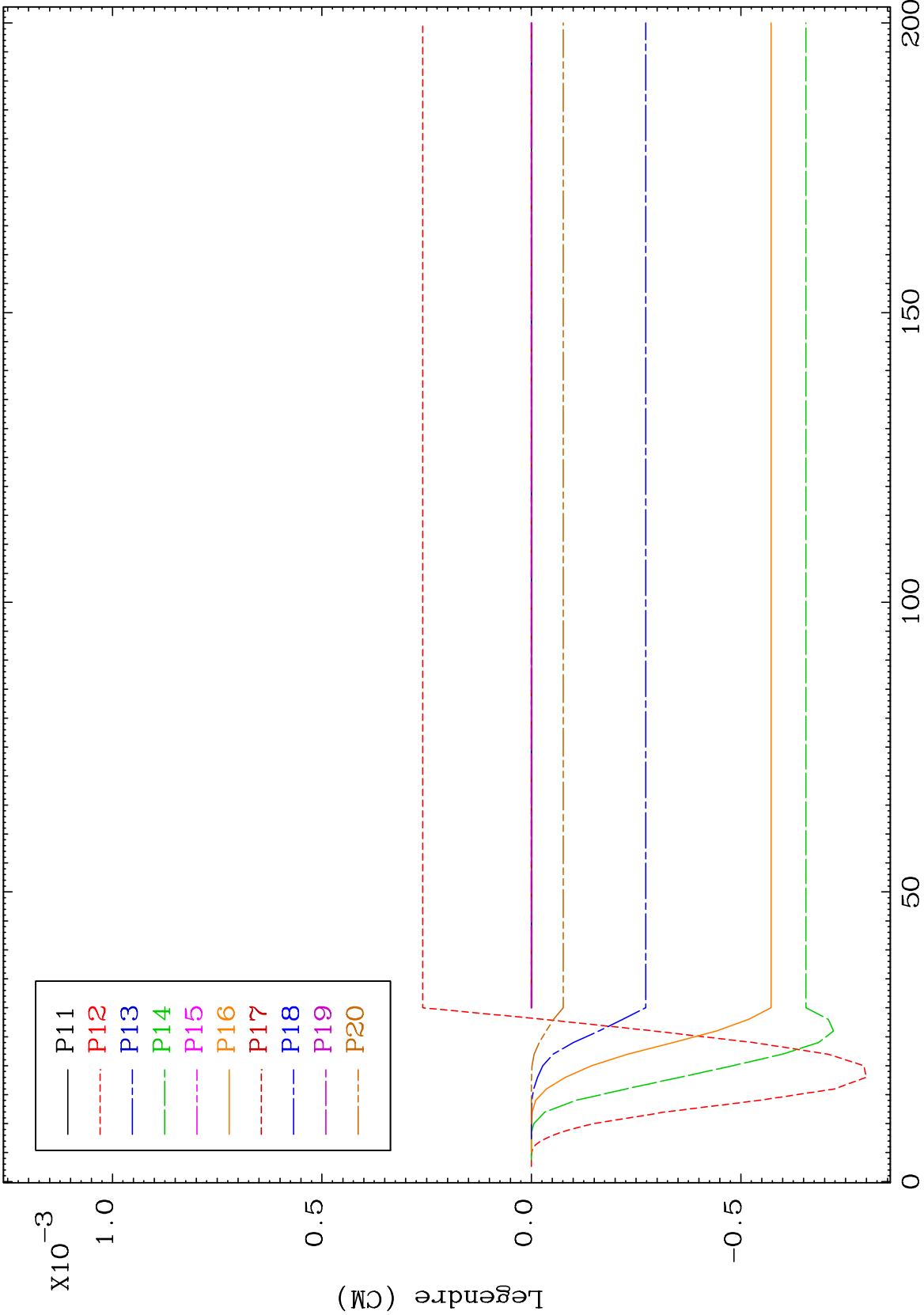


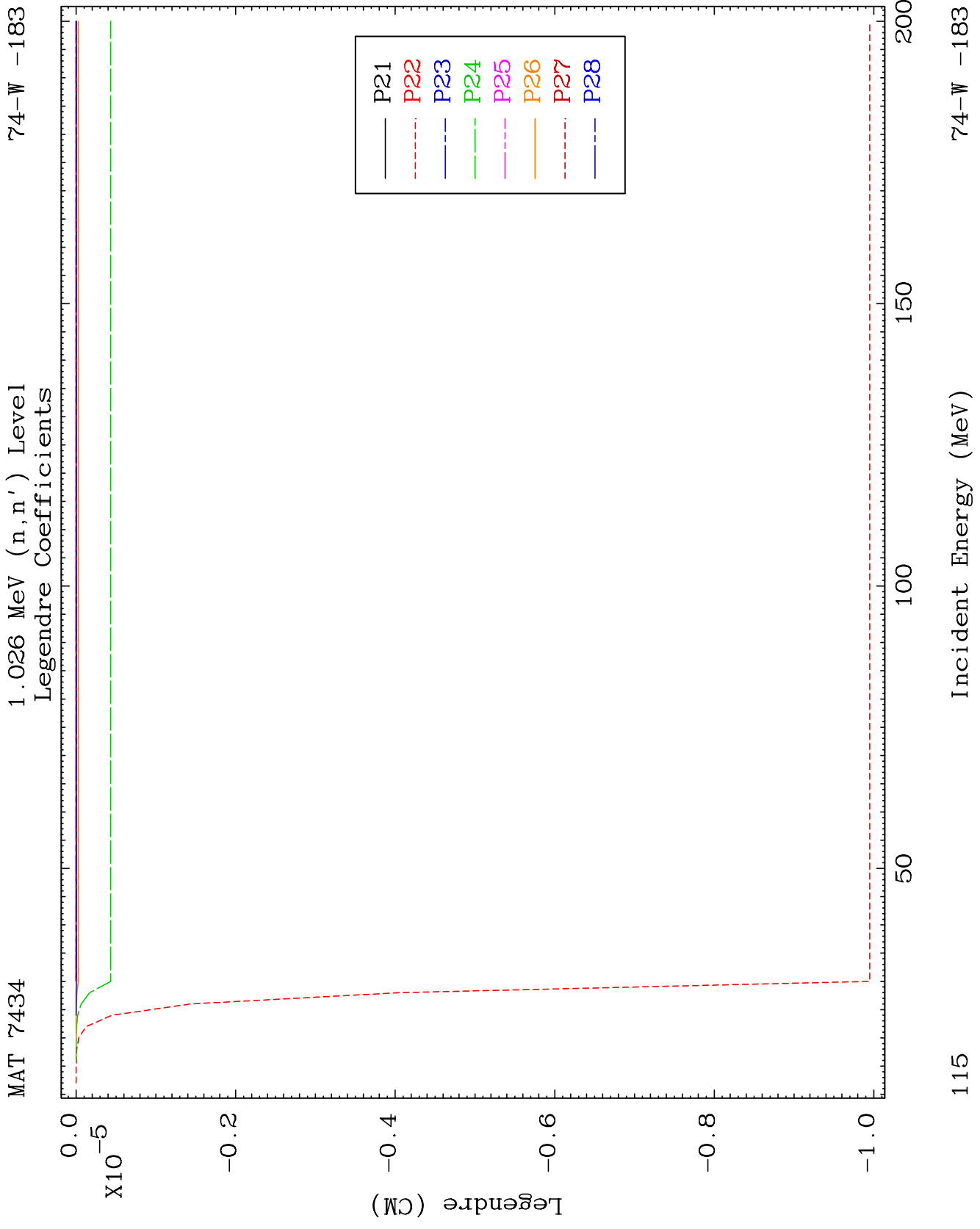




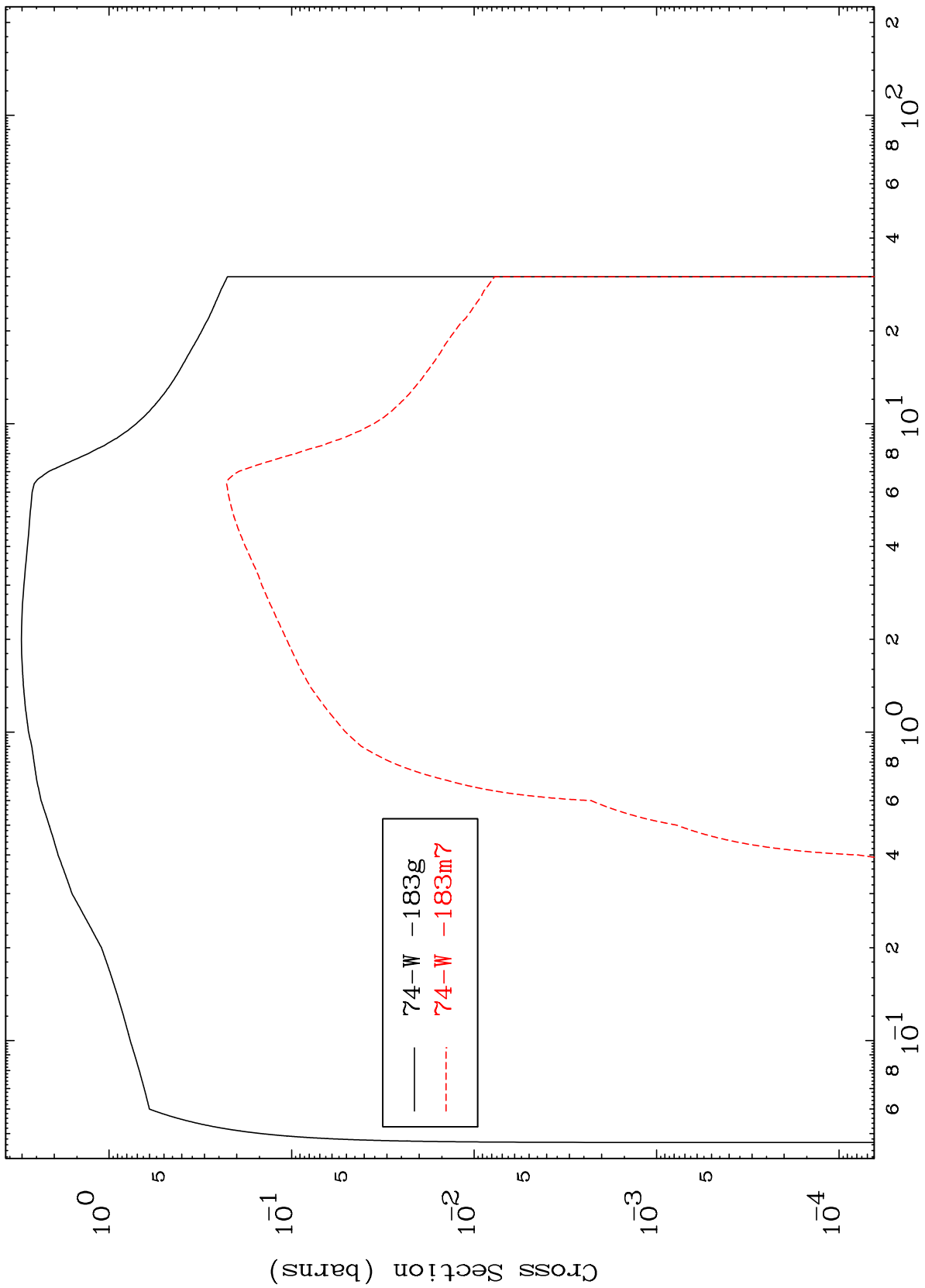




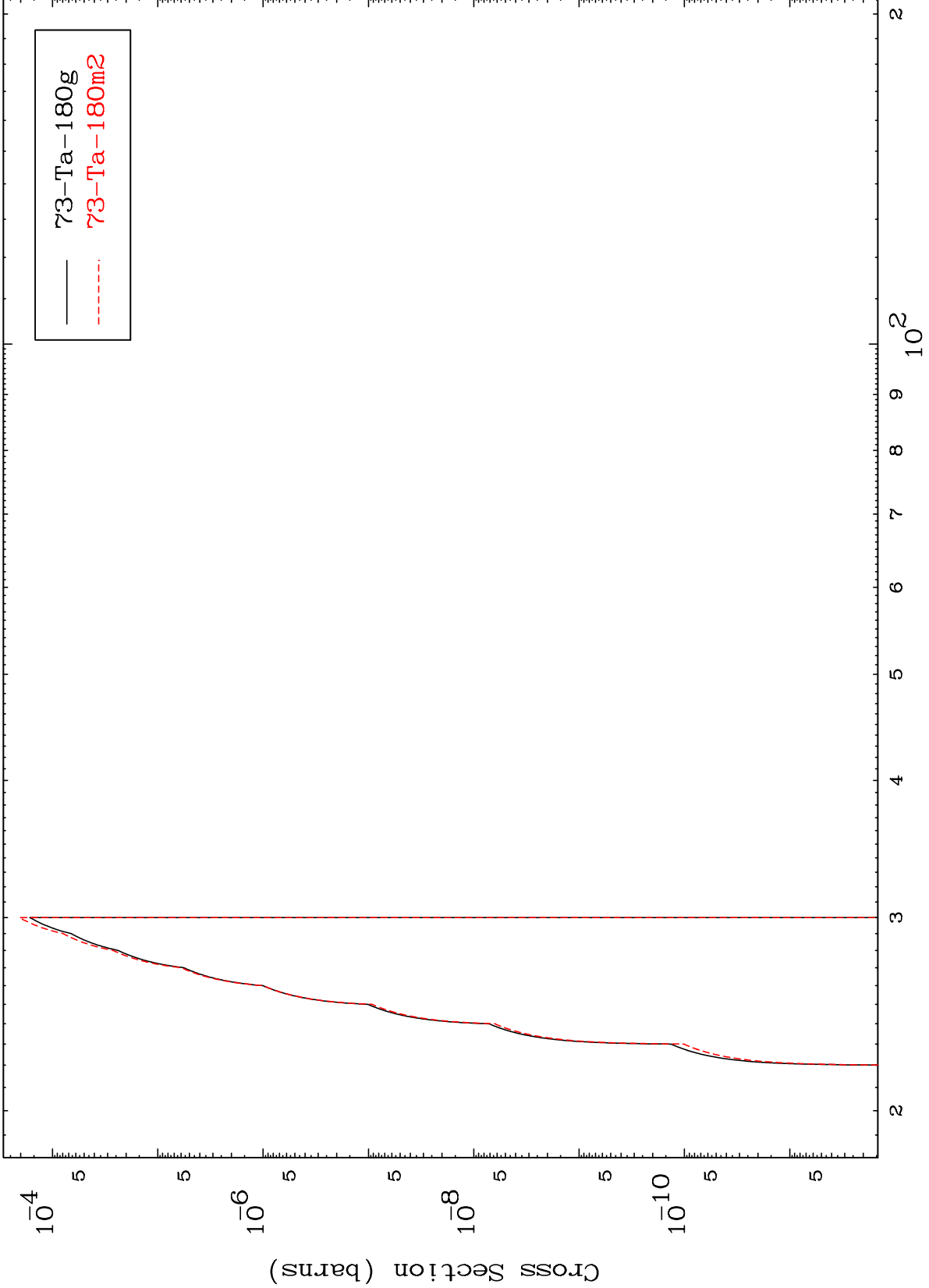




Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

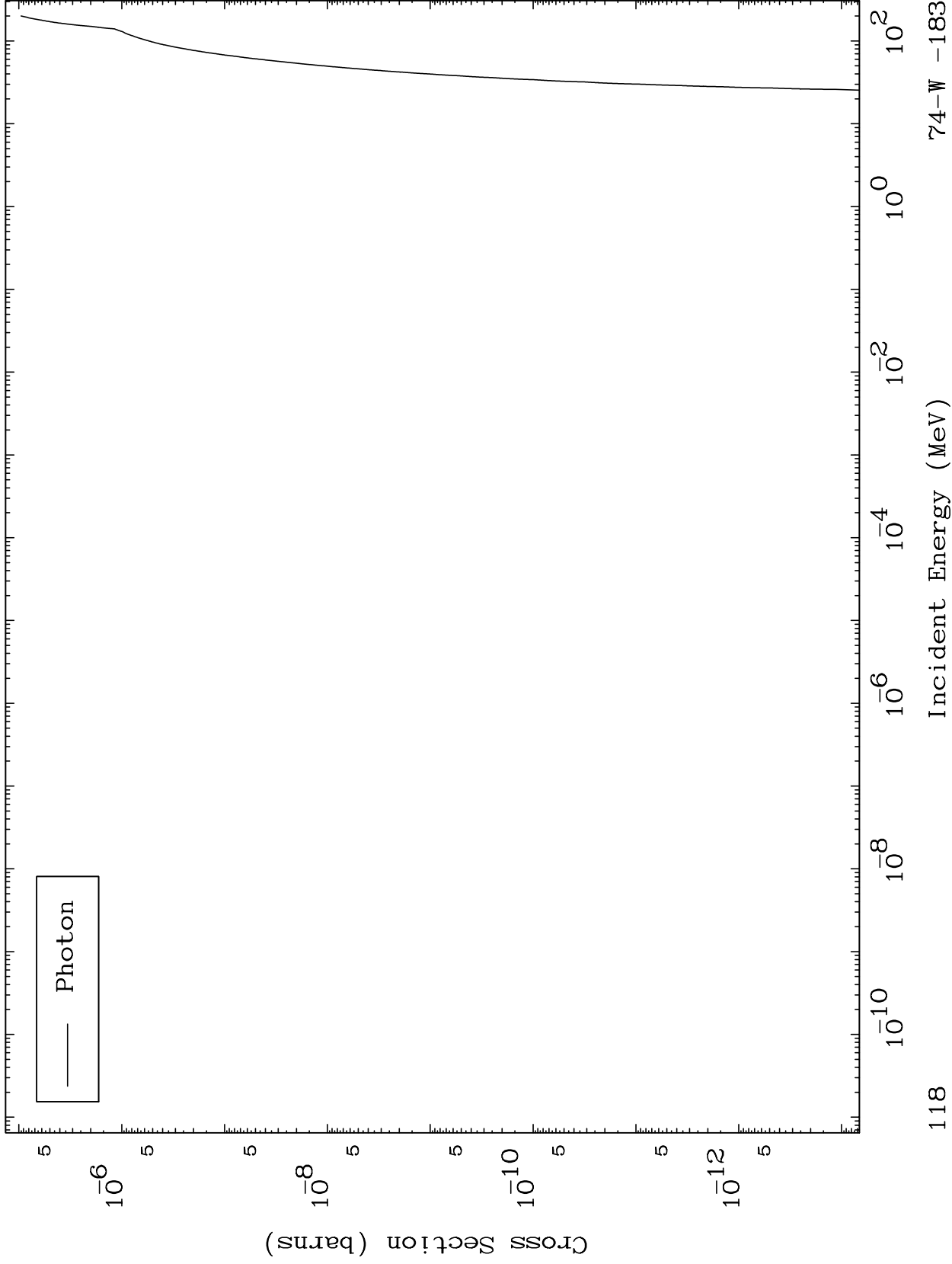


MAT 7434

Fission

74-W -183

Radionuclide Production Cross Section



118

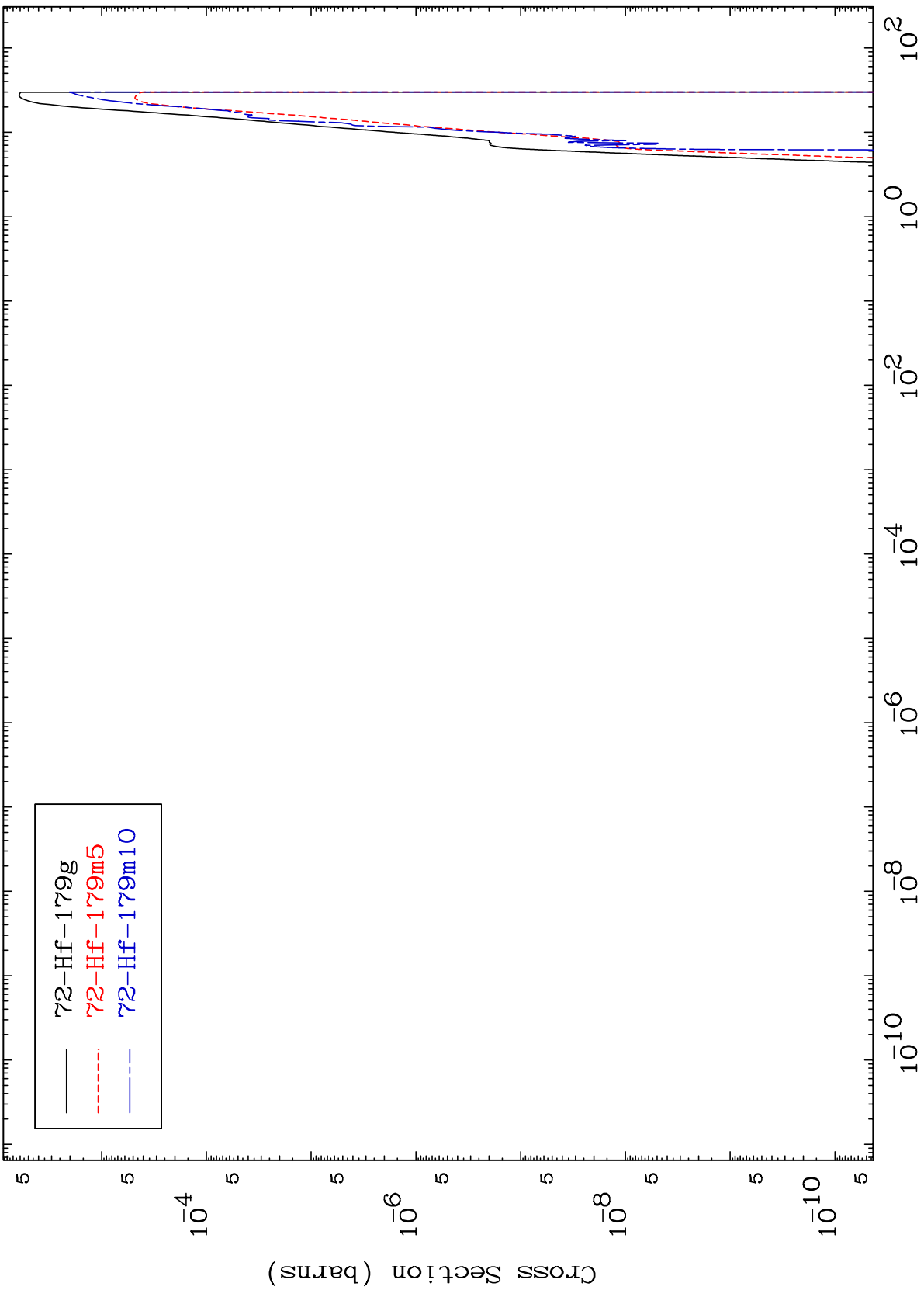
74-W -183

MAT 7434

(n,n') α

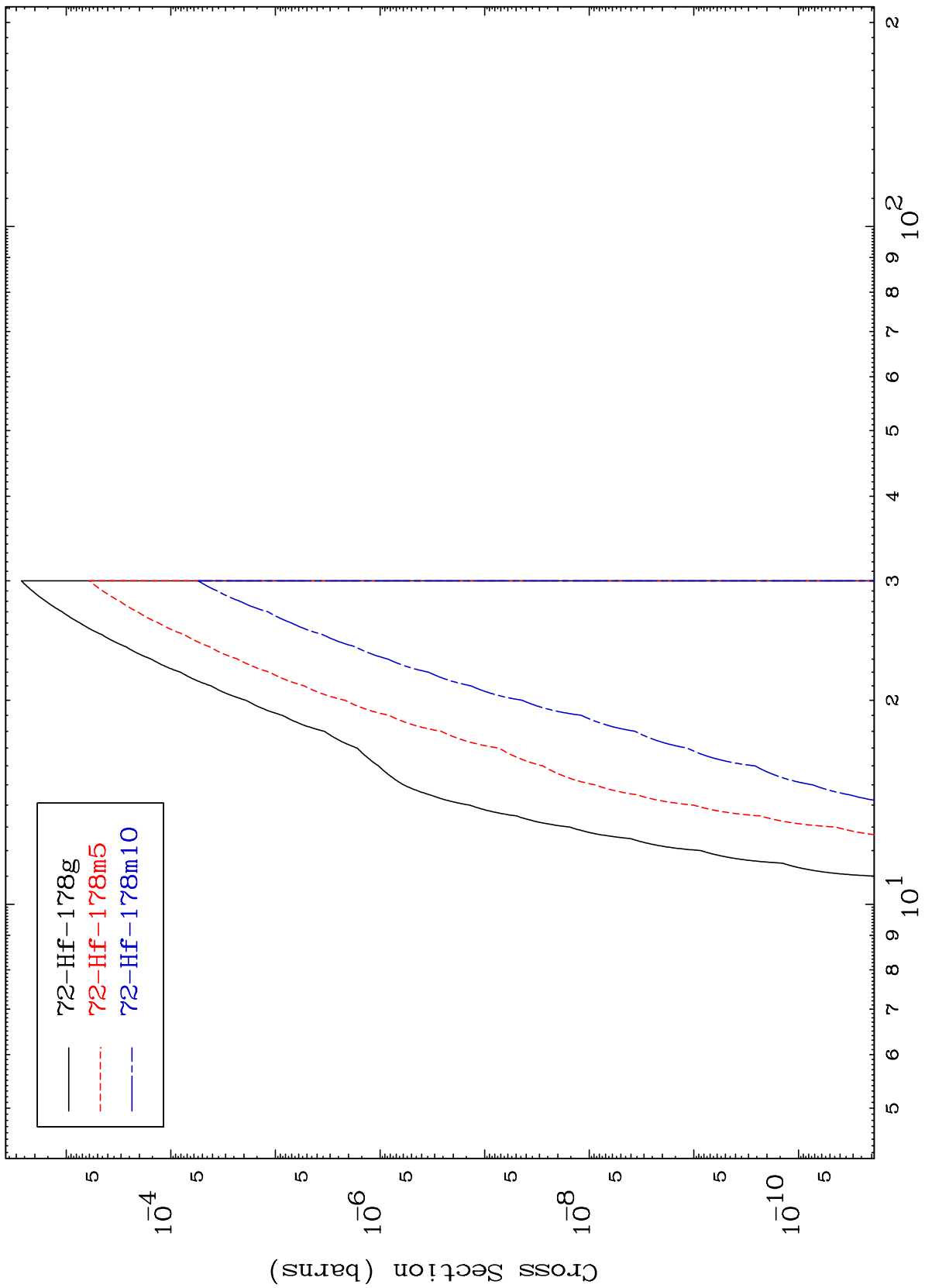
74-W -183

Radionuclide Production Cross Section



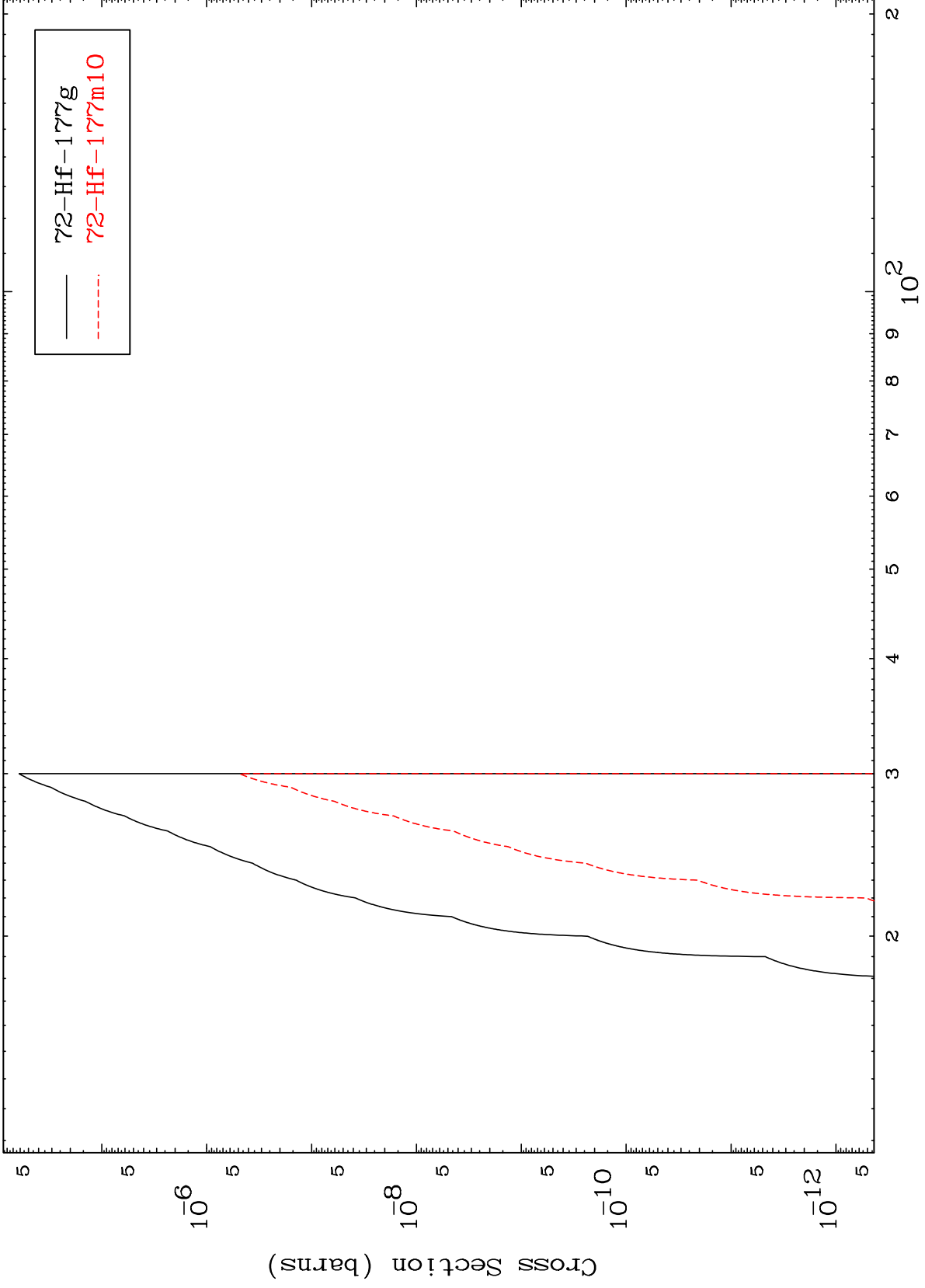
— 72-Hf-179g
- - - 72-Hf-179m5
- · - 72-Hf-179m10

Radionuclide Production Cross Section

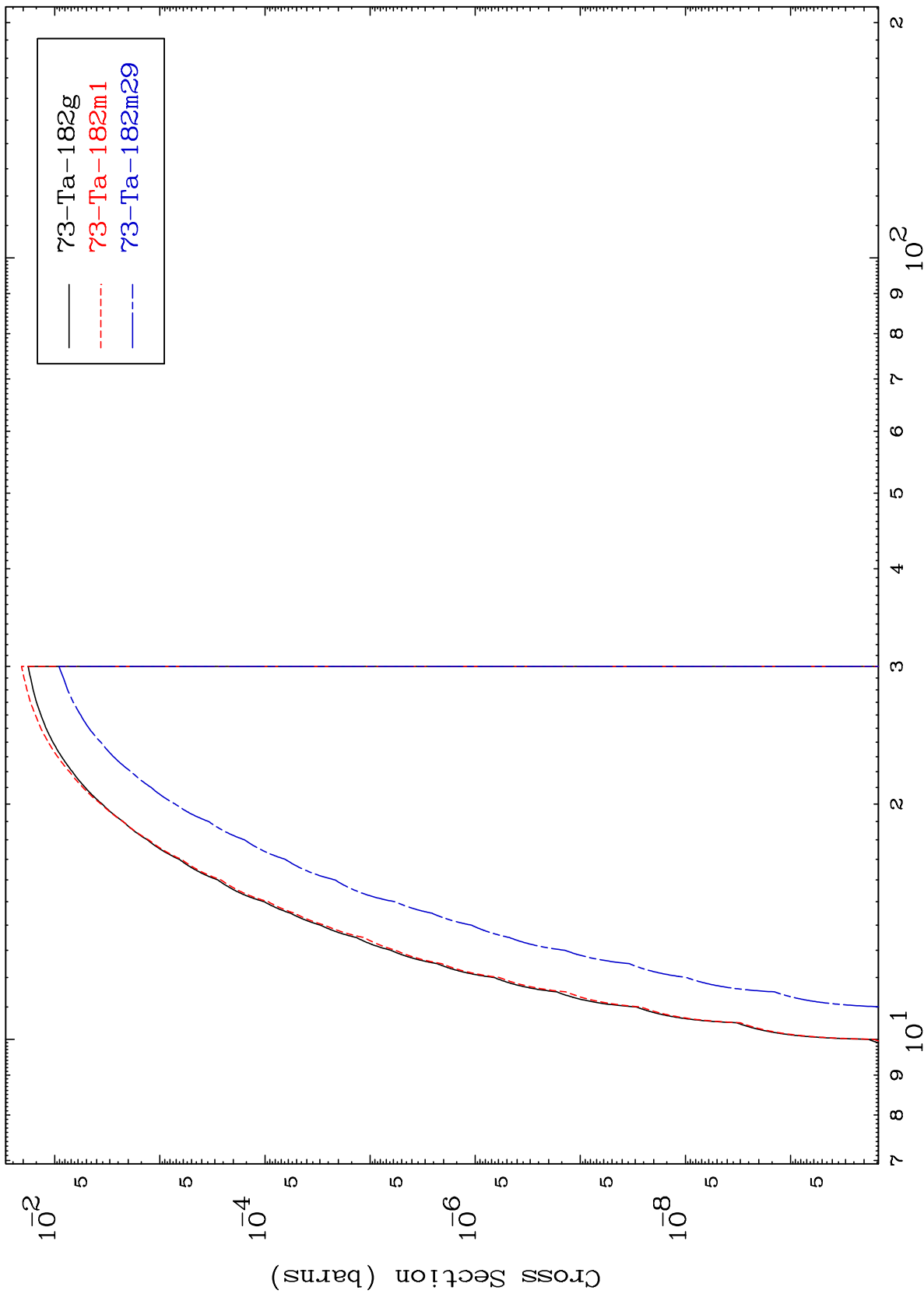


72-Hf-178g
72-Hf-178m5
72-Hf-178m10

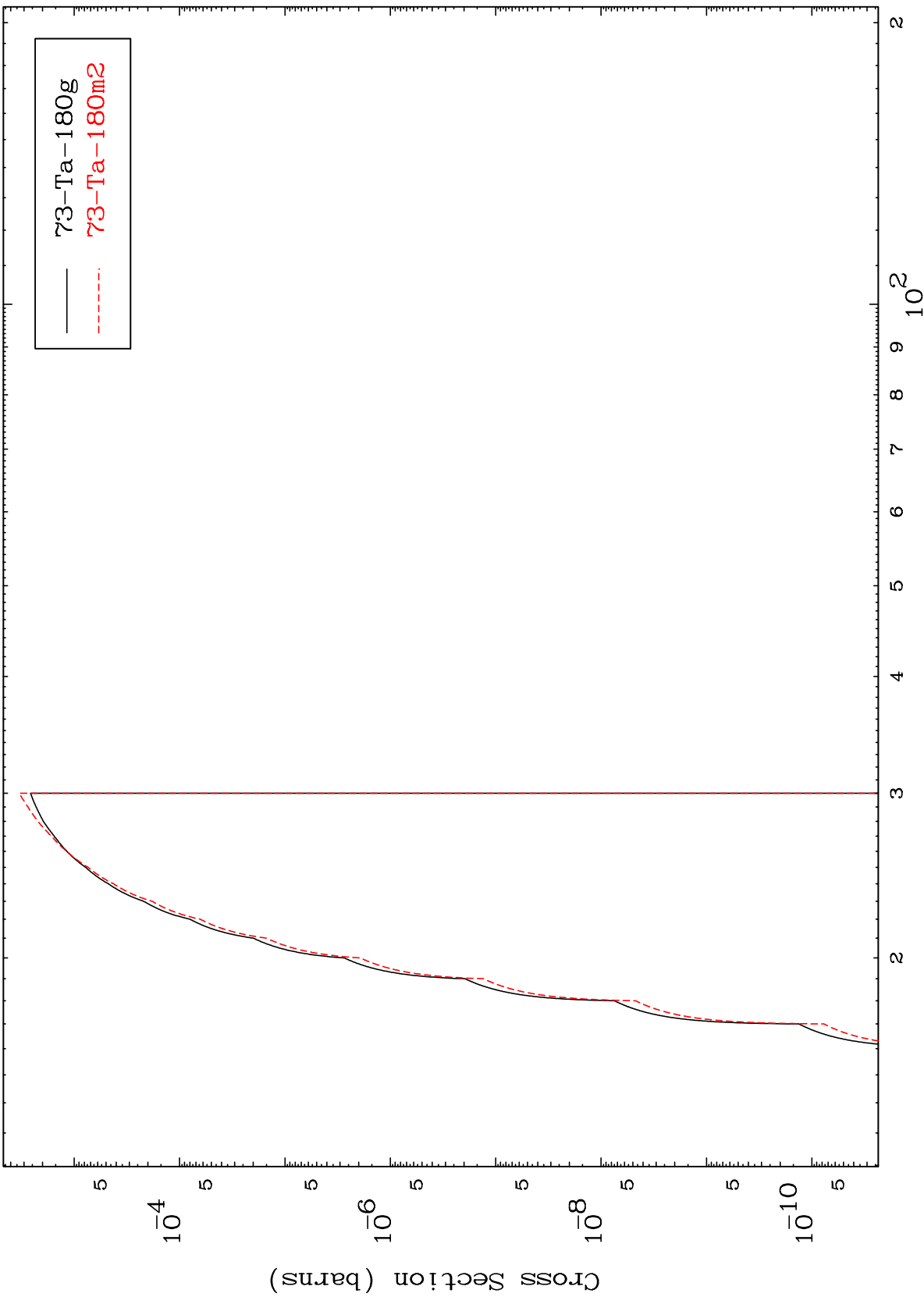
Radionuclide Production Cross Section



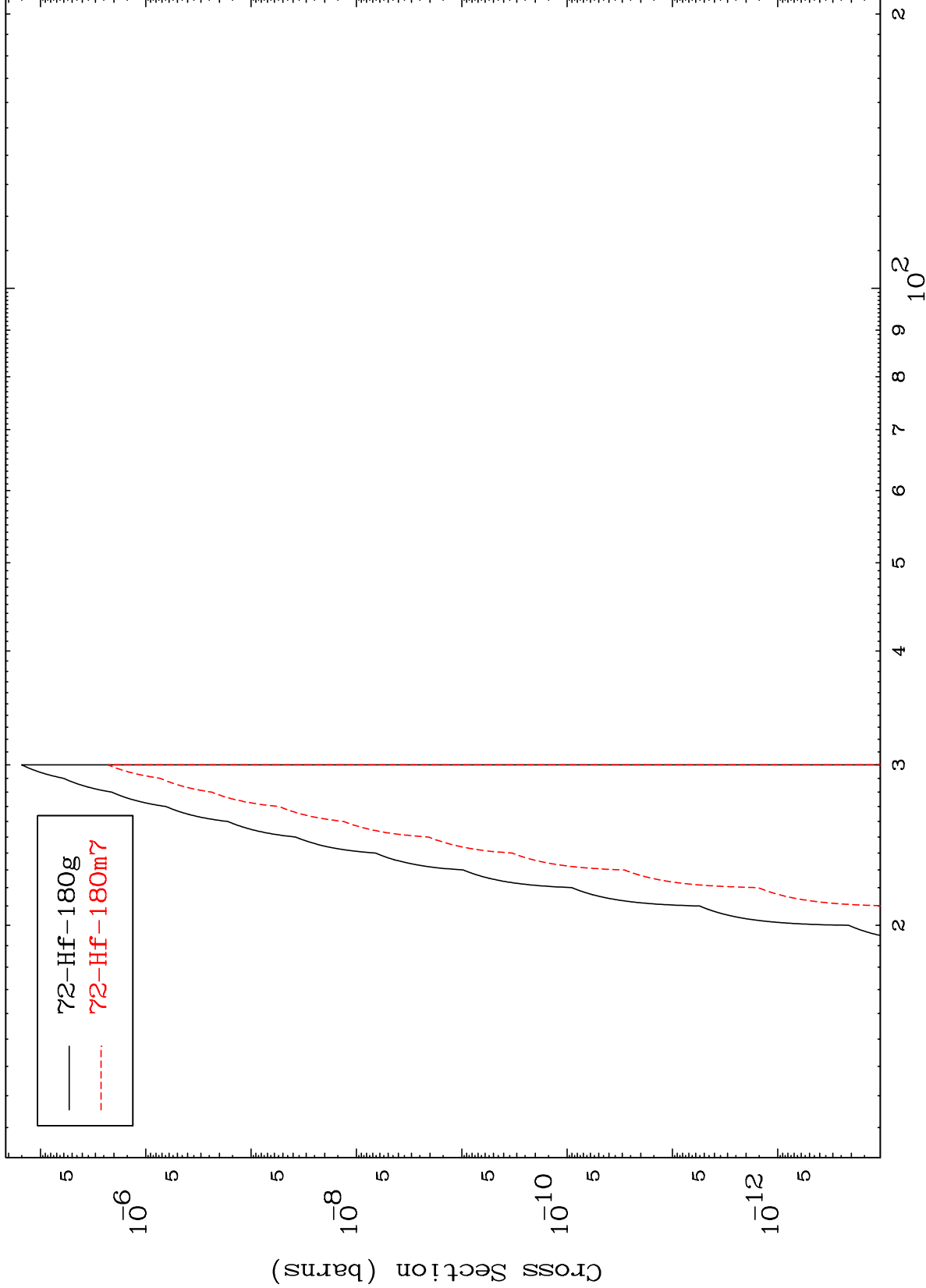
(n,n') p
Radionuclide Production Cross Section



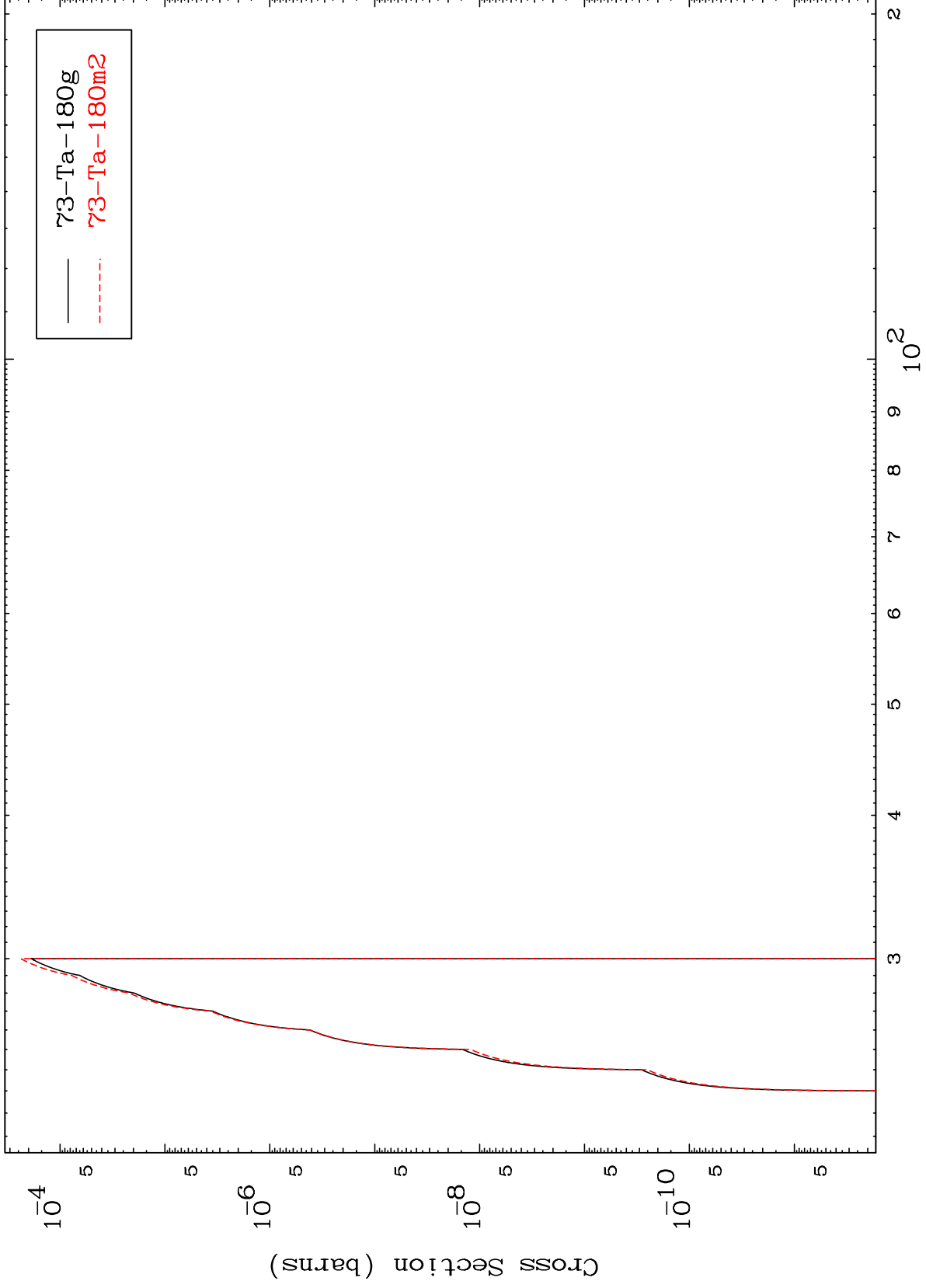
Radionuclide Production Cross Section



Radionuclide Production Cross Section



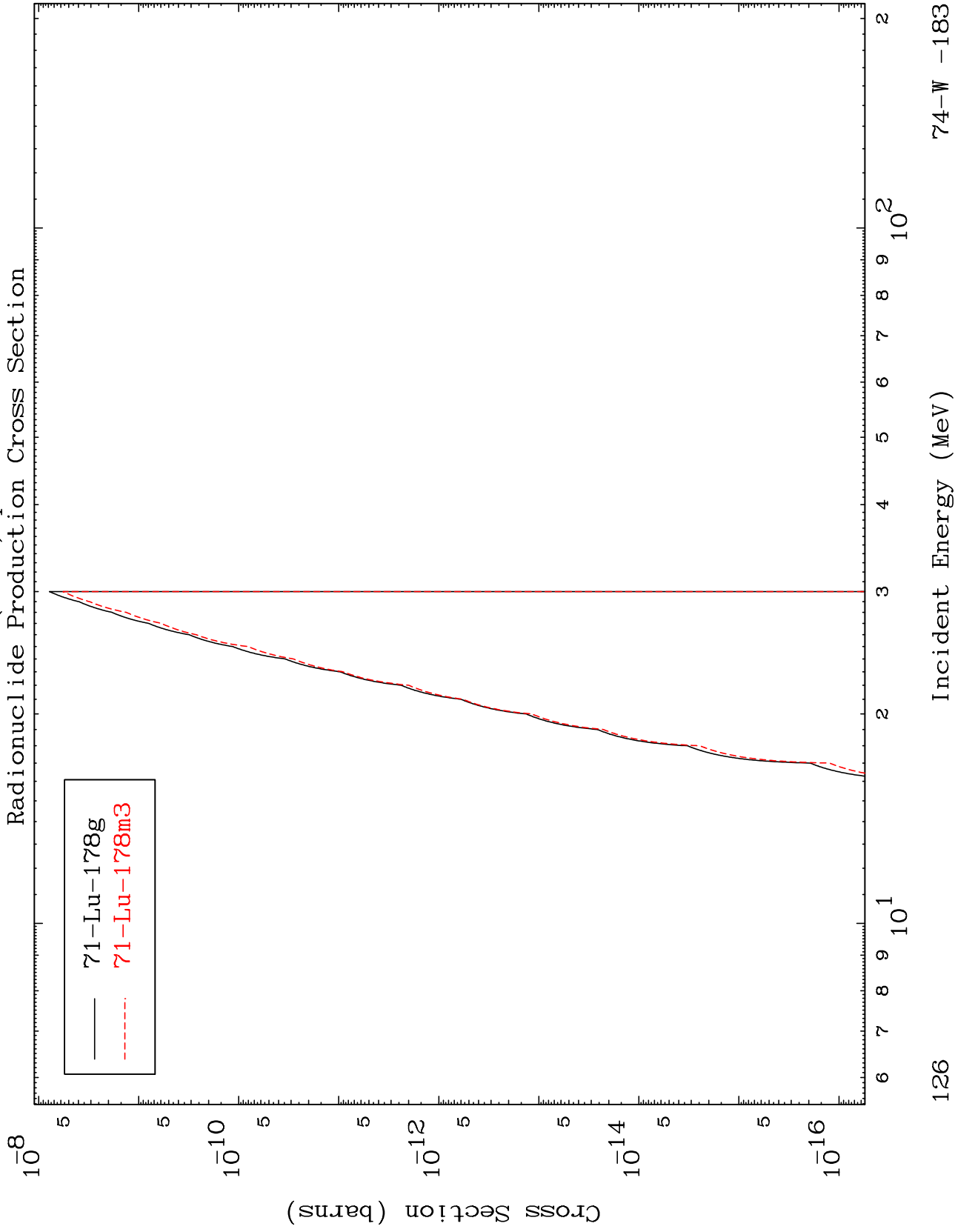
Radionuclide Production Cross Section



MAT 7434

(n,n') p α

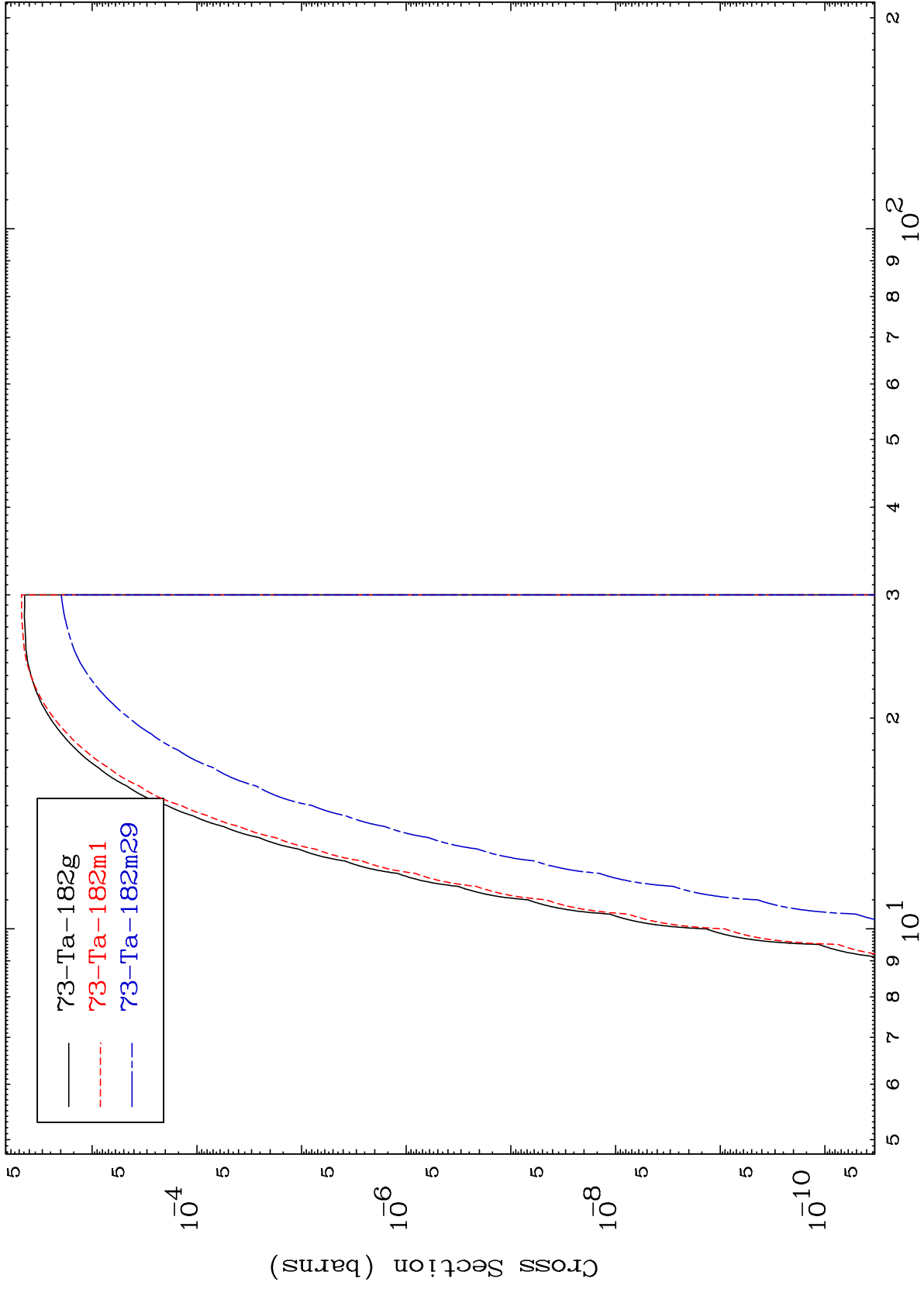
74-W -183



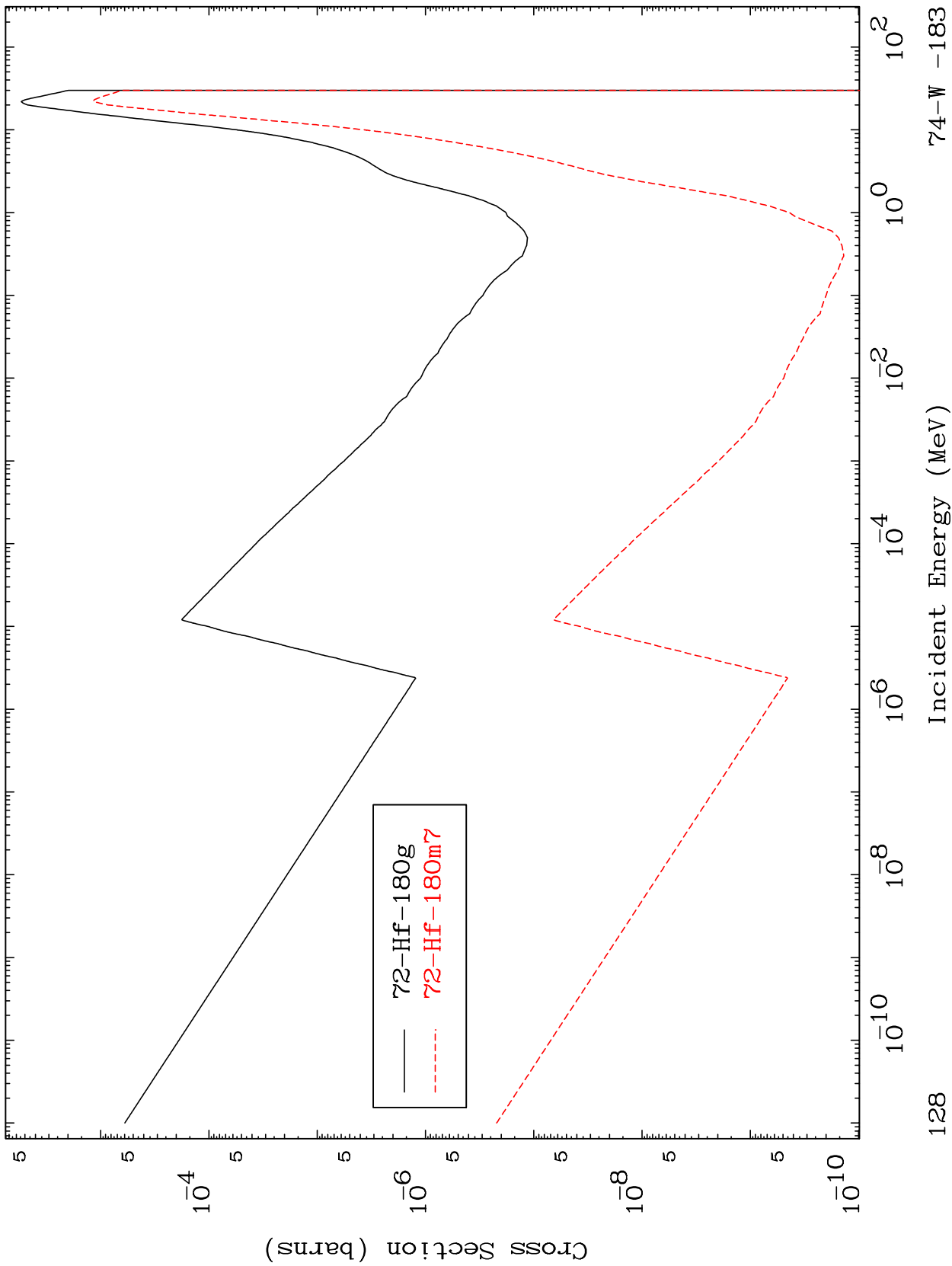
126

74-W -183

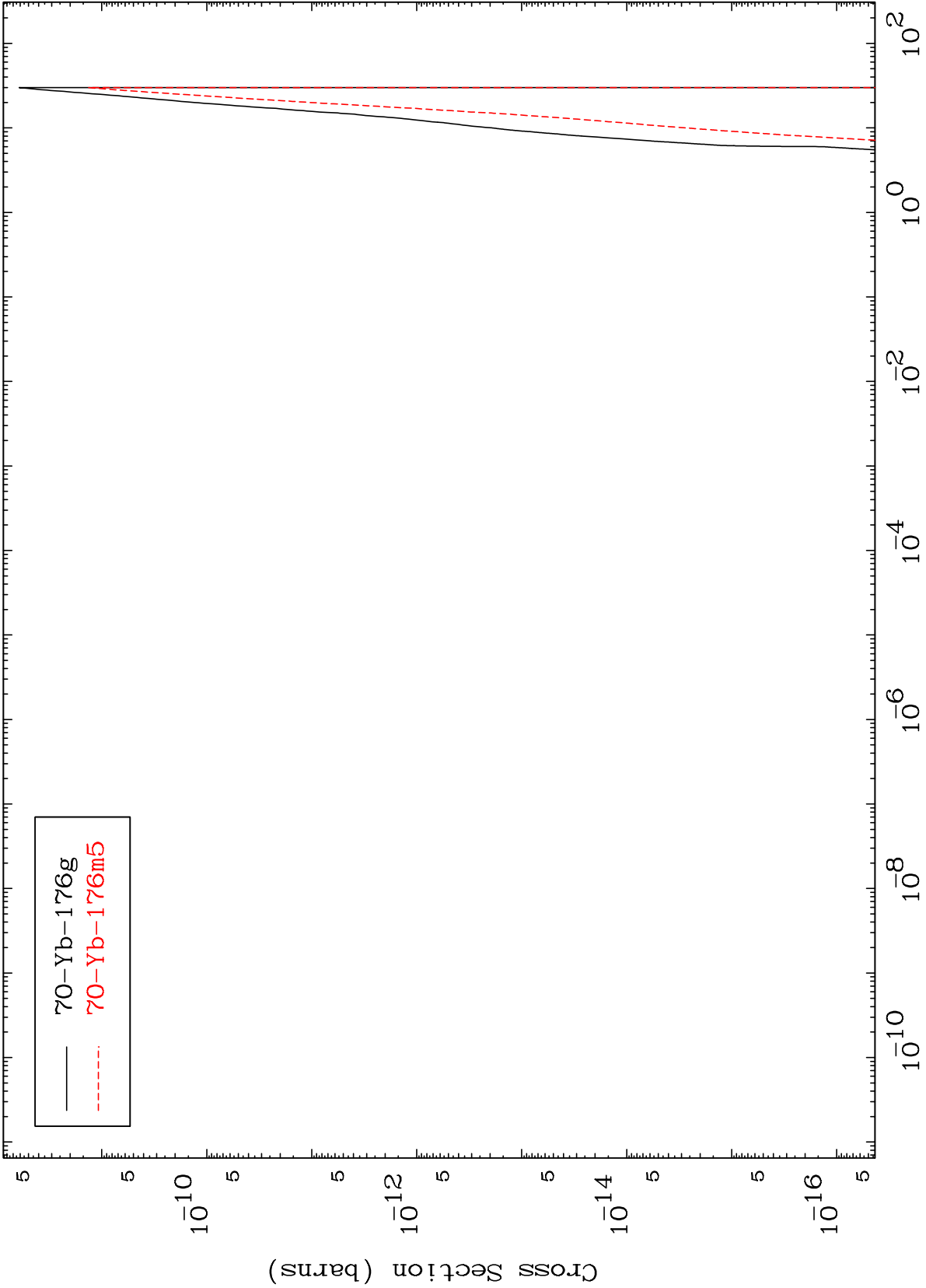
(n,d)
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n, α)



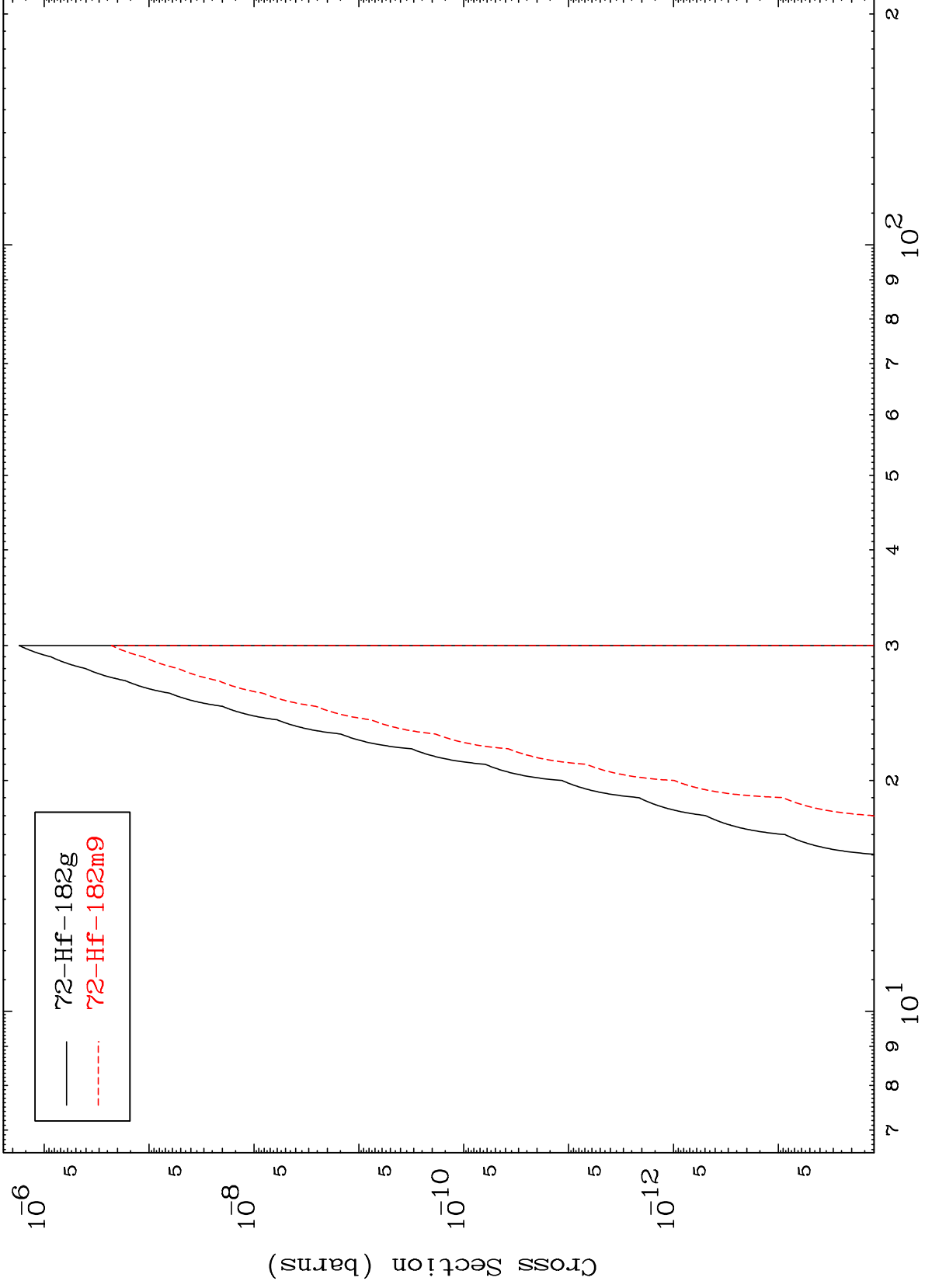
Radionuclide Production Cross Section



MAT 7434

74-W -183

(n,2p)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

74-W -183

Radionuclide Production Cross Section

