

Program EVALPLOT
(Version 2015-2)

by

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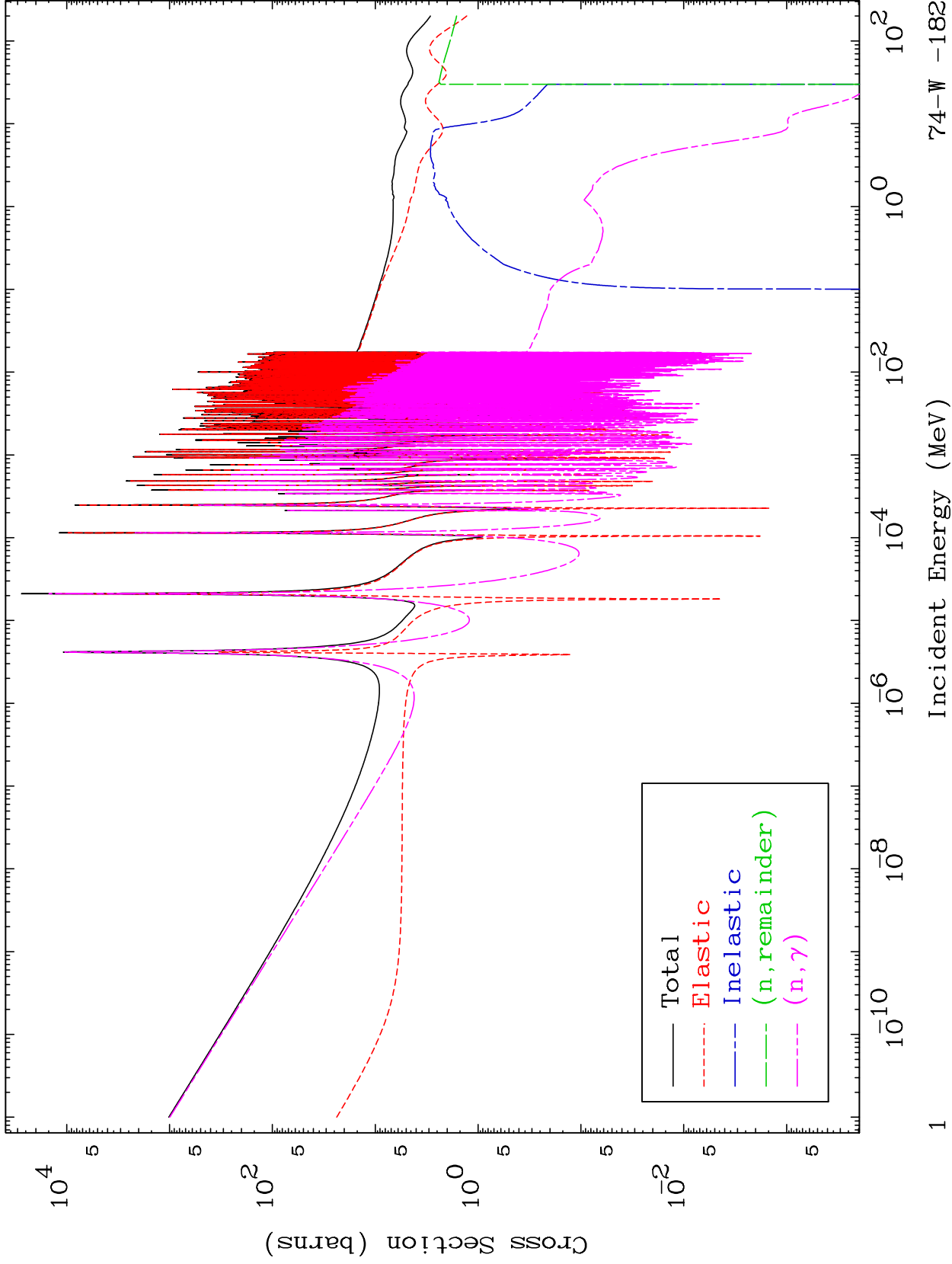
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7431

Major
293 Kelvin Cross Sections

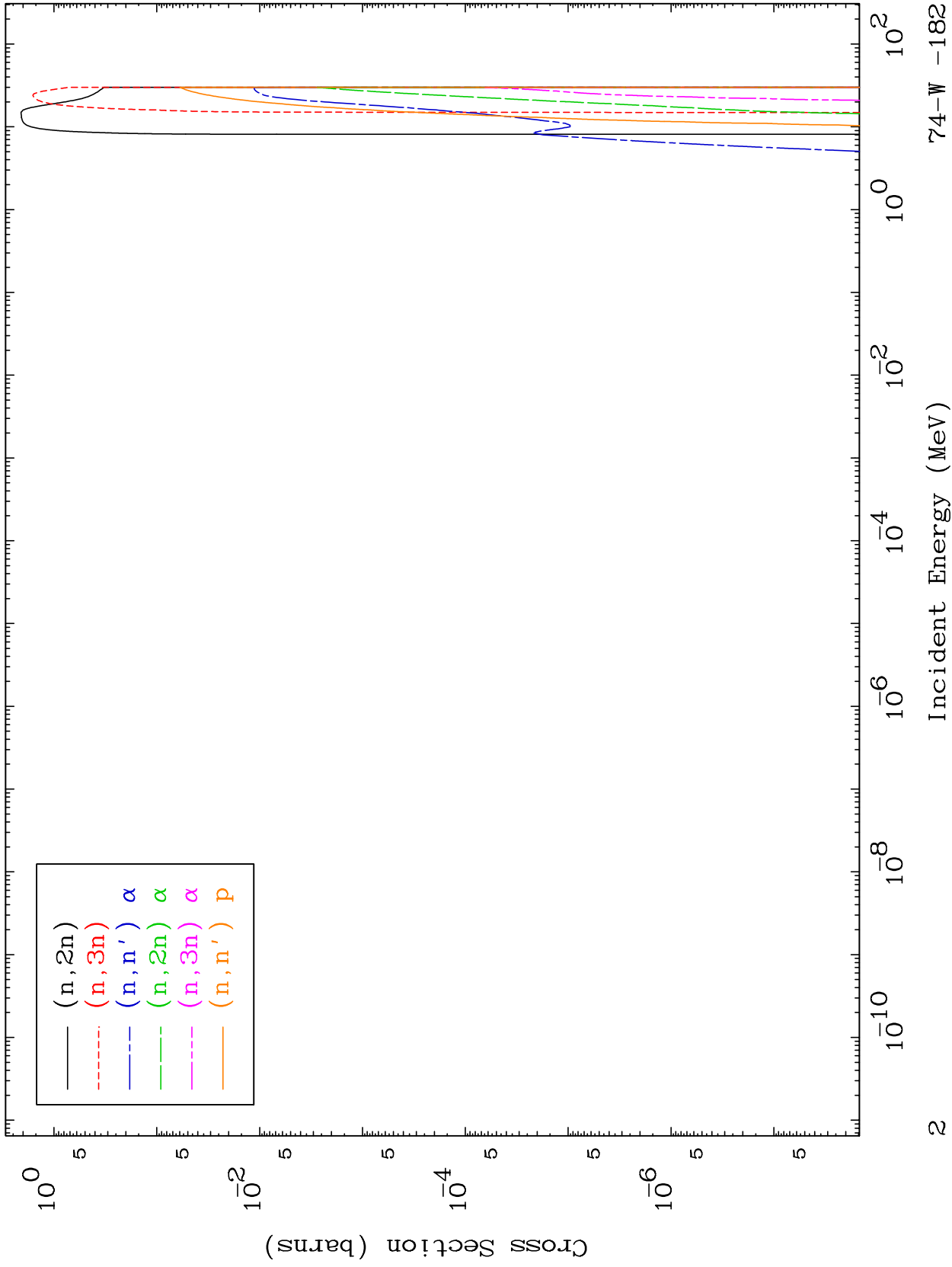
74-W -182

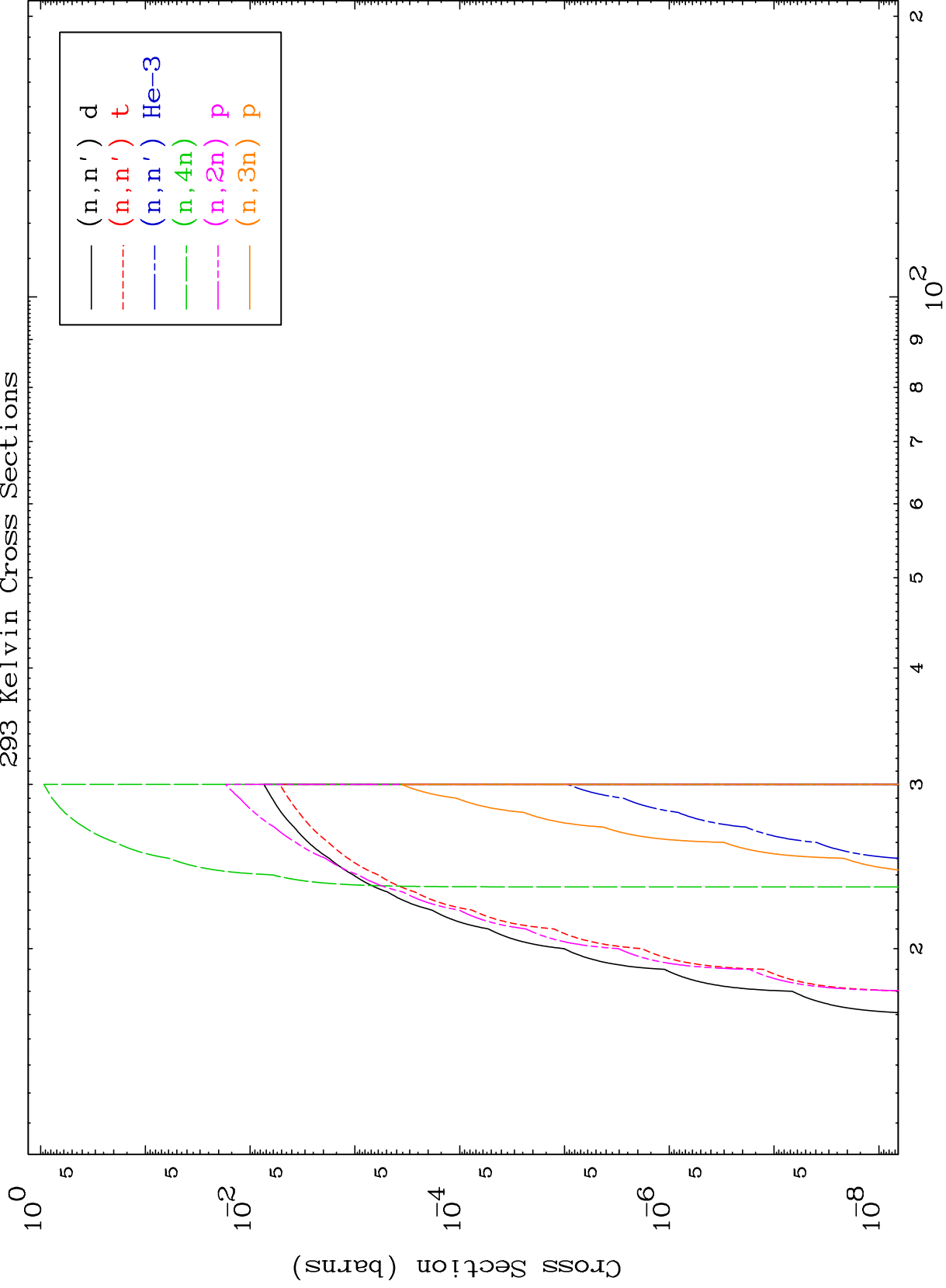


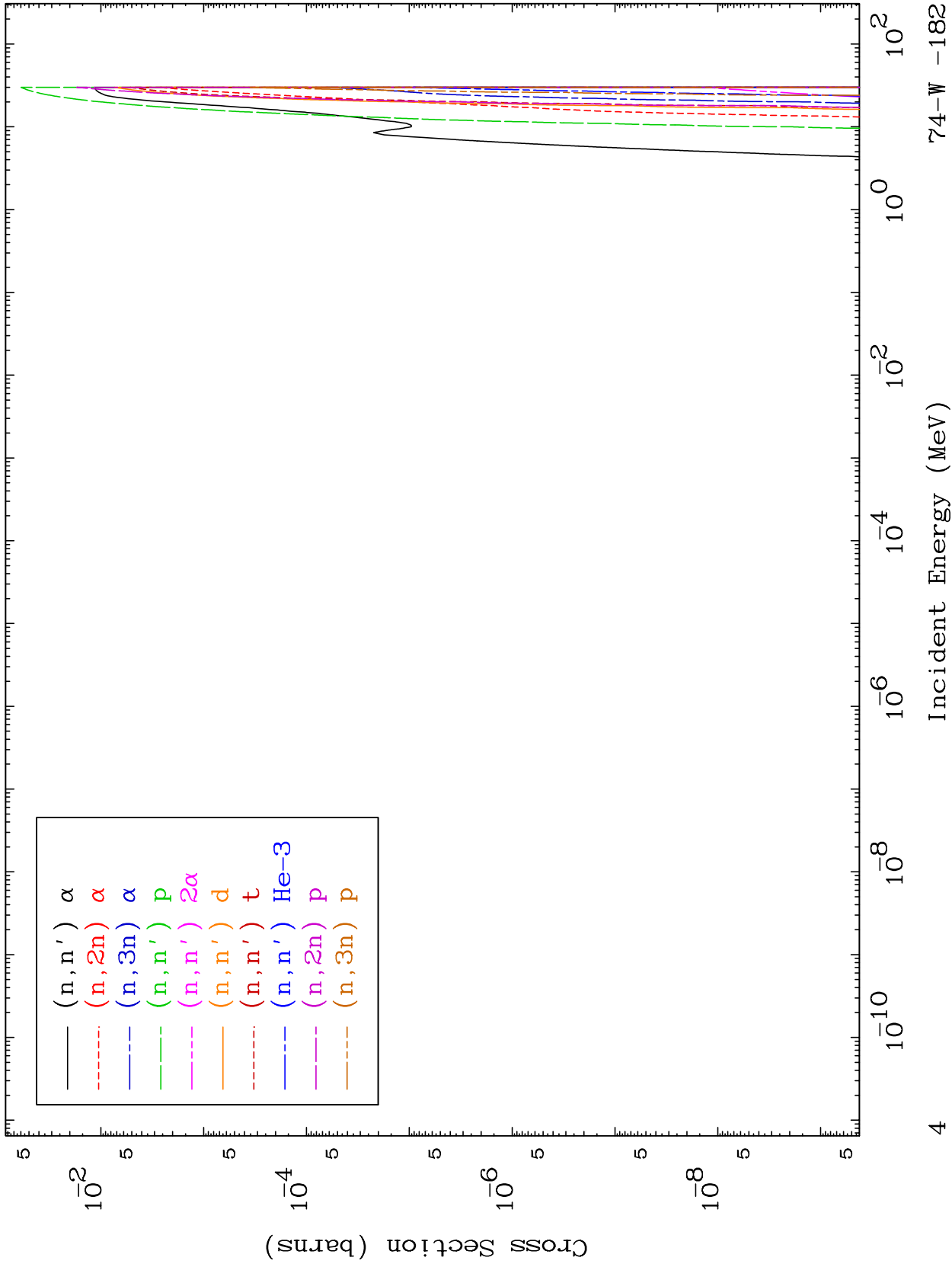
MAT 7431

Neutron Production
293 Kelvin Cross Sections

74-W -182



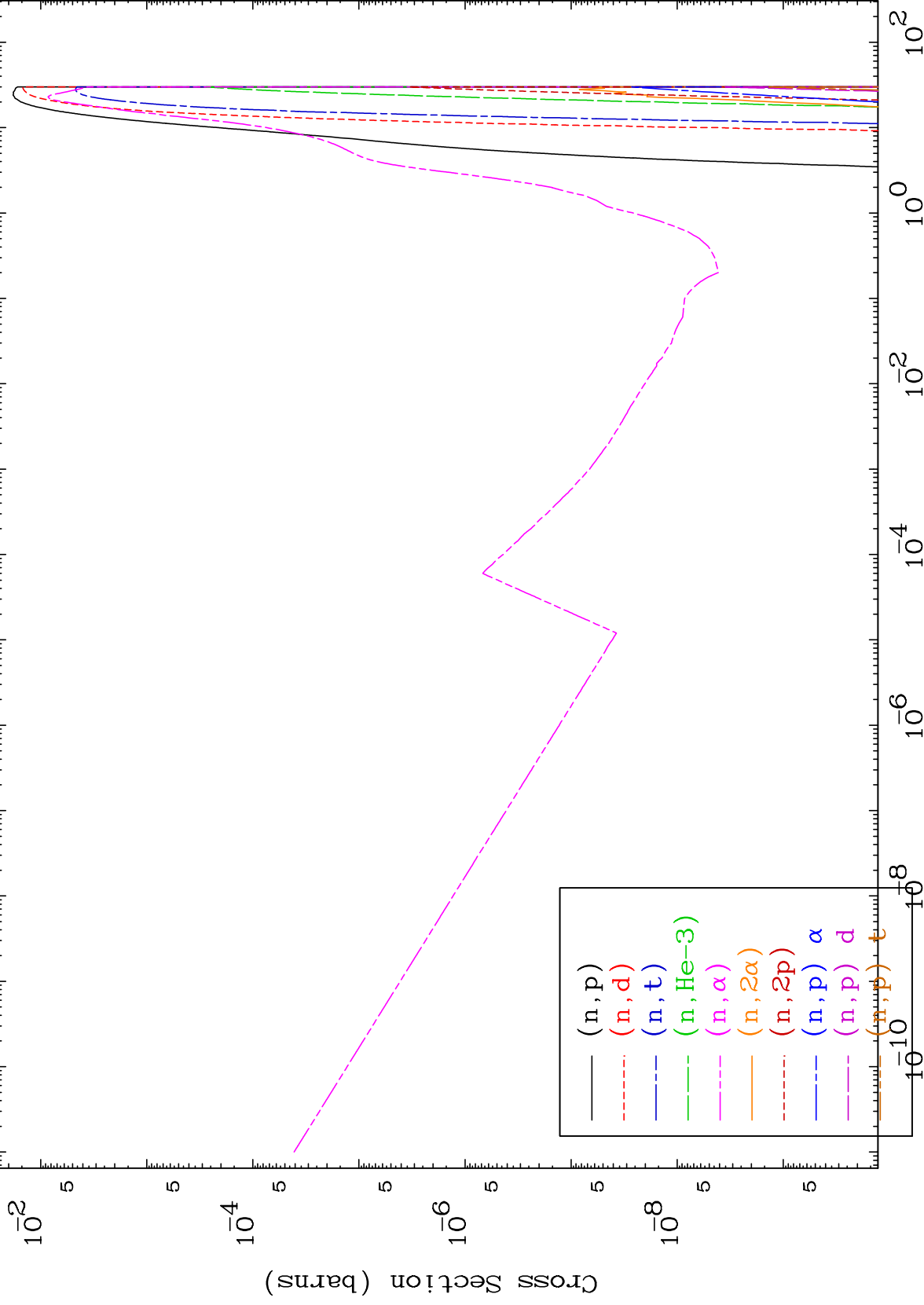


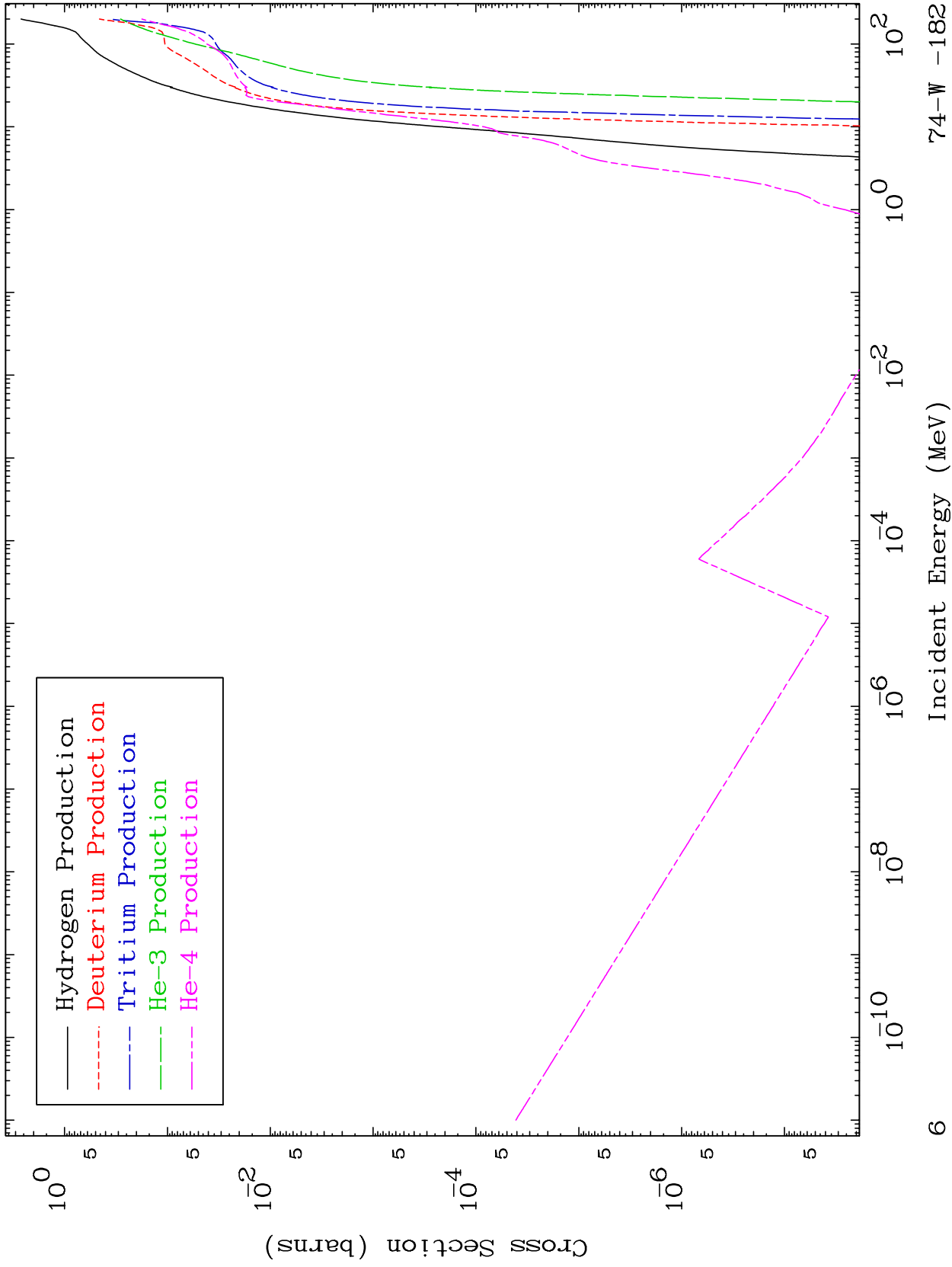


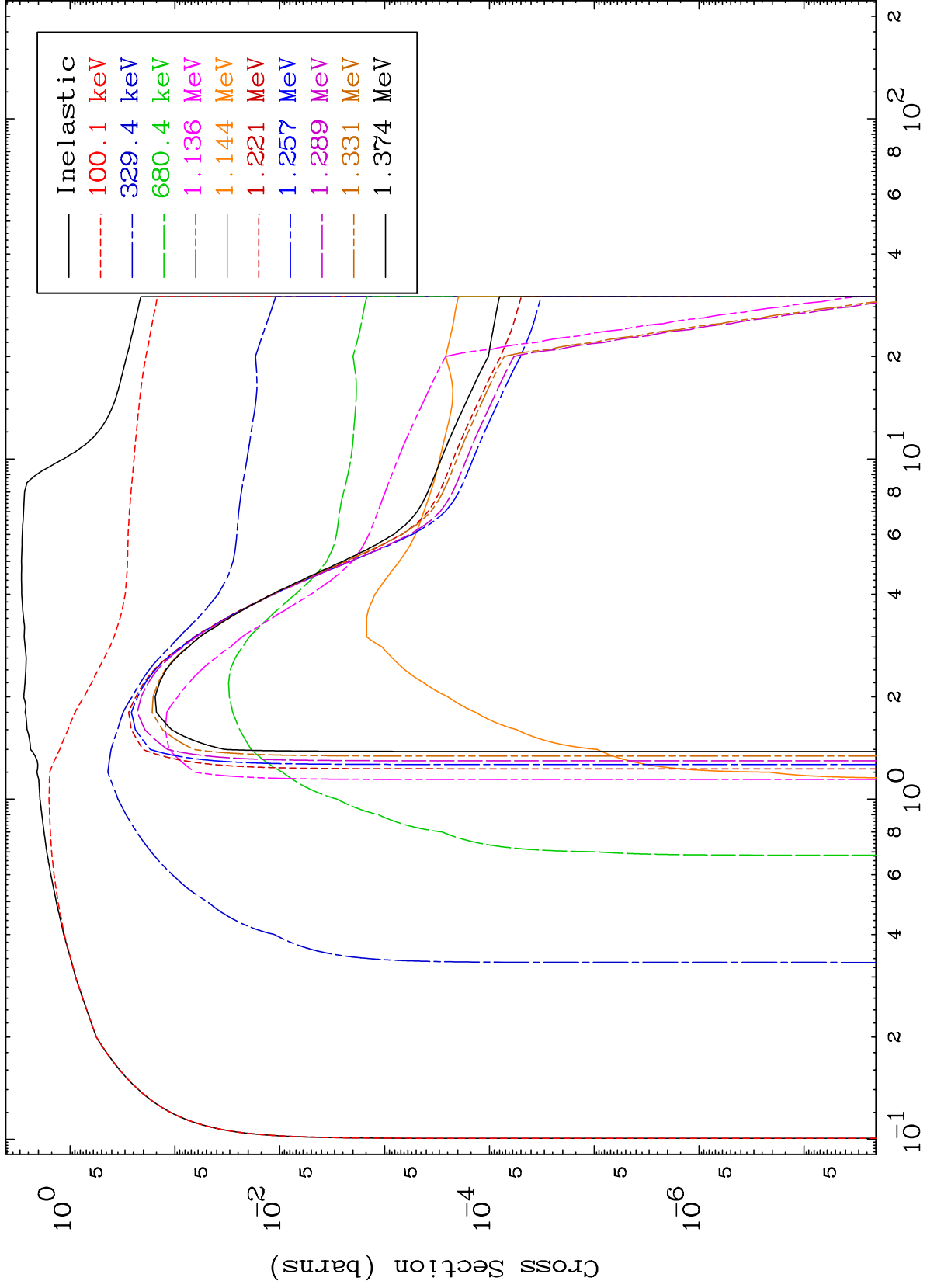
MAT 7431

Charged Particle
293 Kelvin Cross Sections

74-W -182



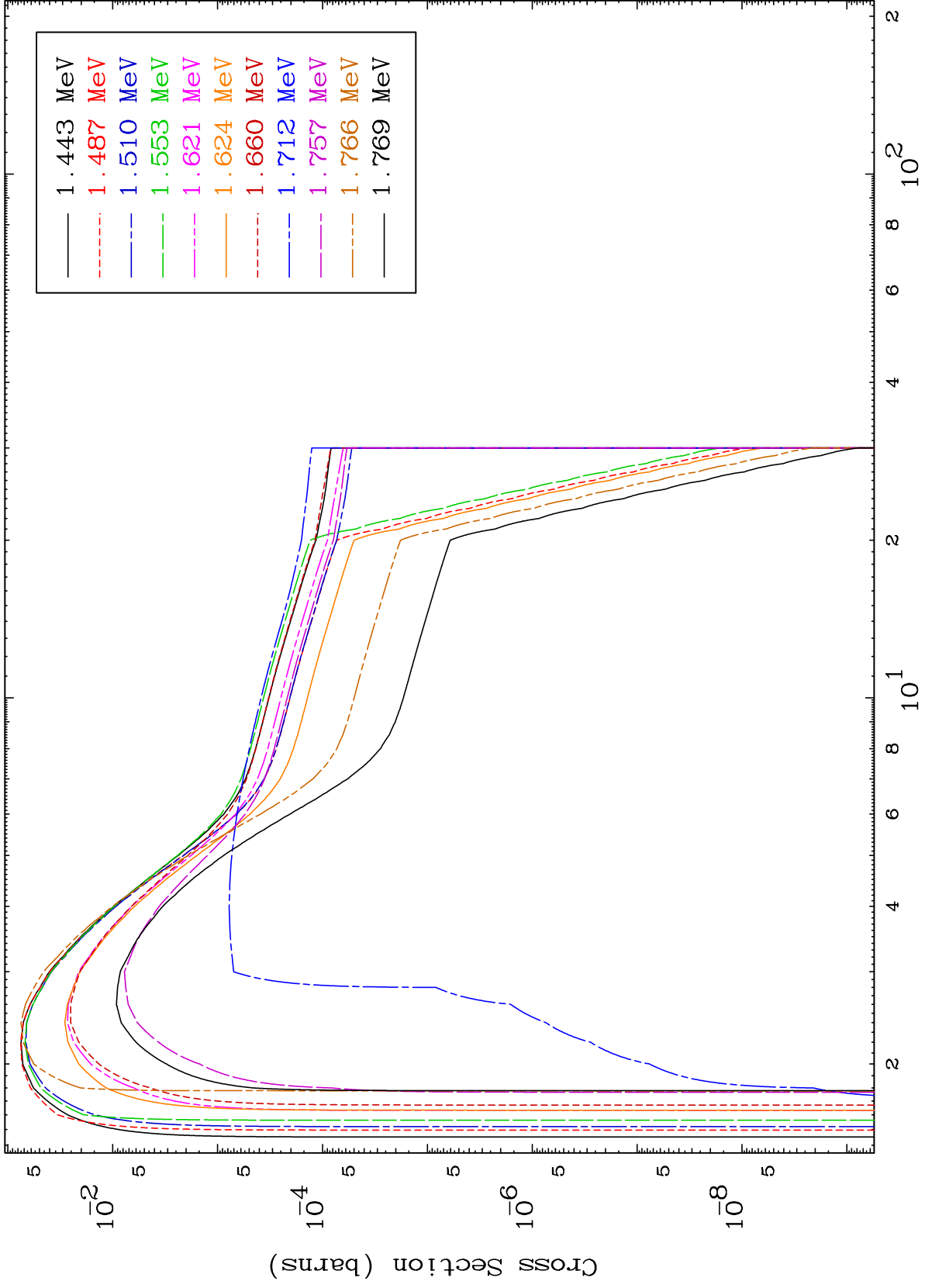




MAT 7431

(n,n') Level
293 Kelvin Cross Sections

74-W -182

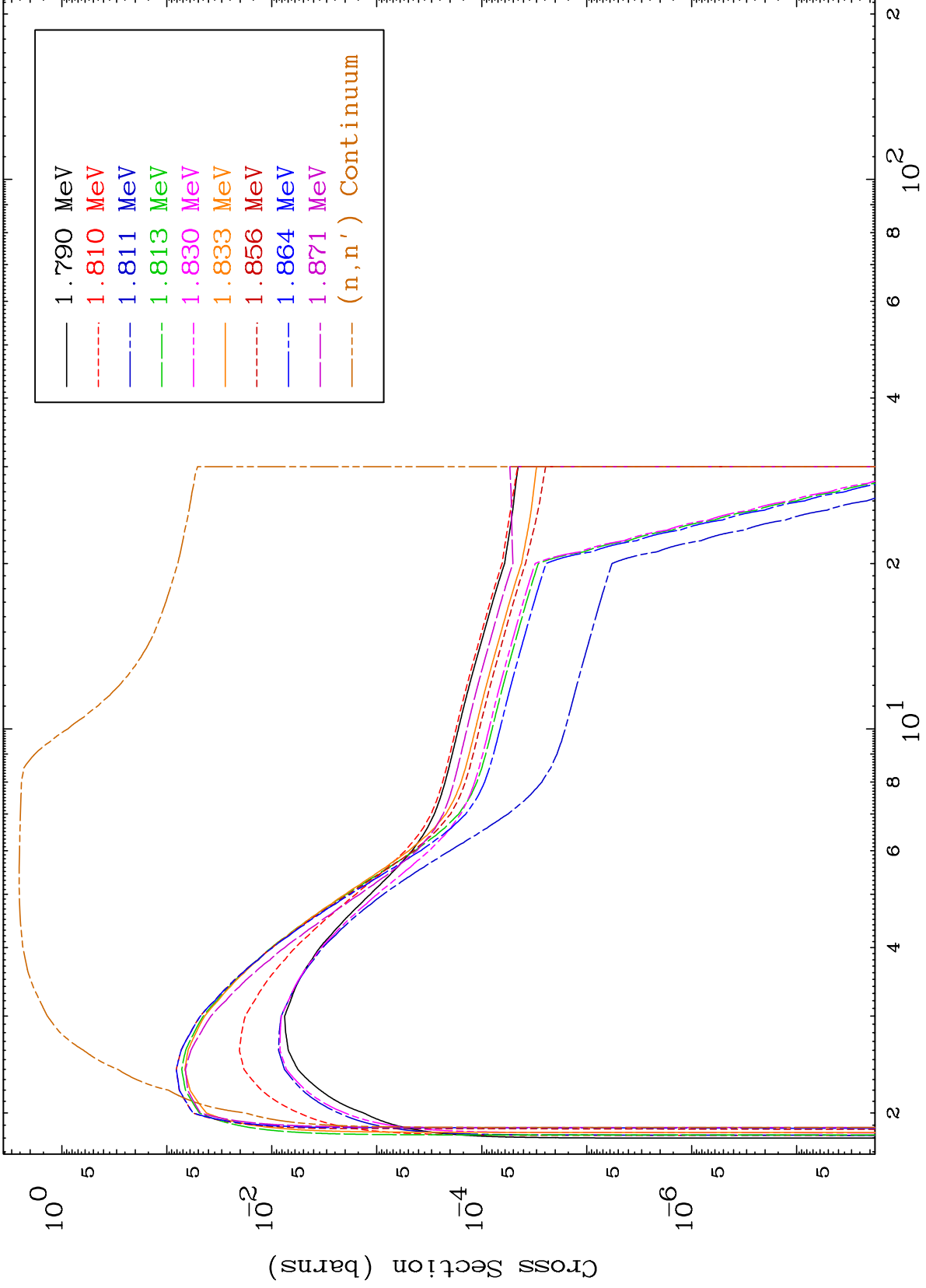


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Incident Energy (MeV)

74-W -182

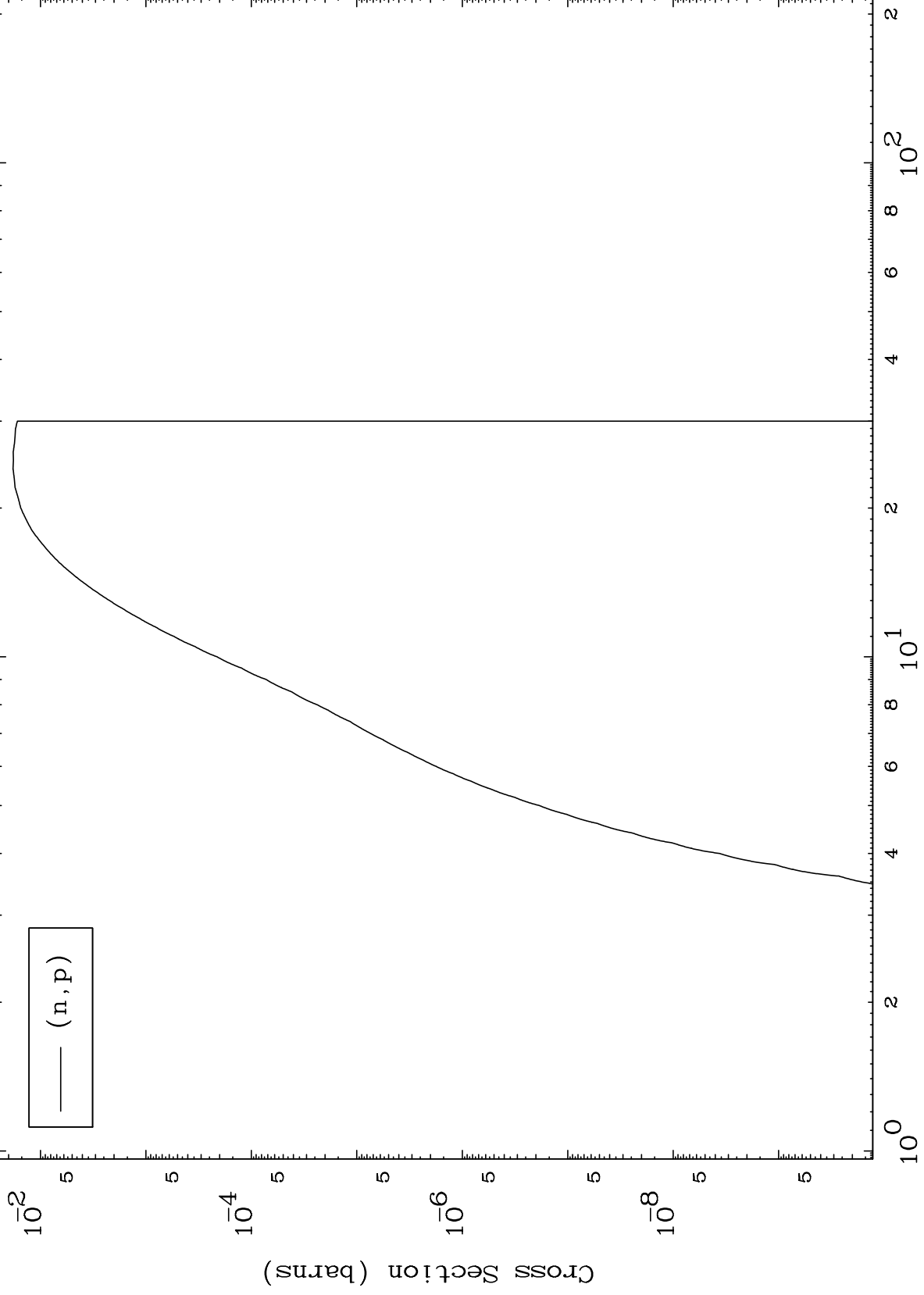
293 Kelvin Cross Sections



MAT 7431

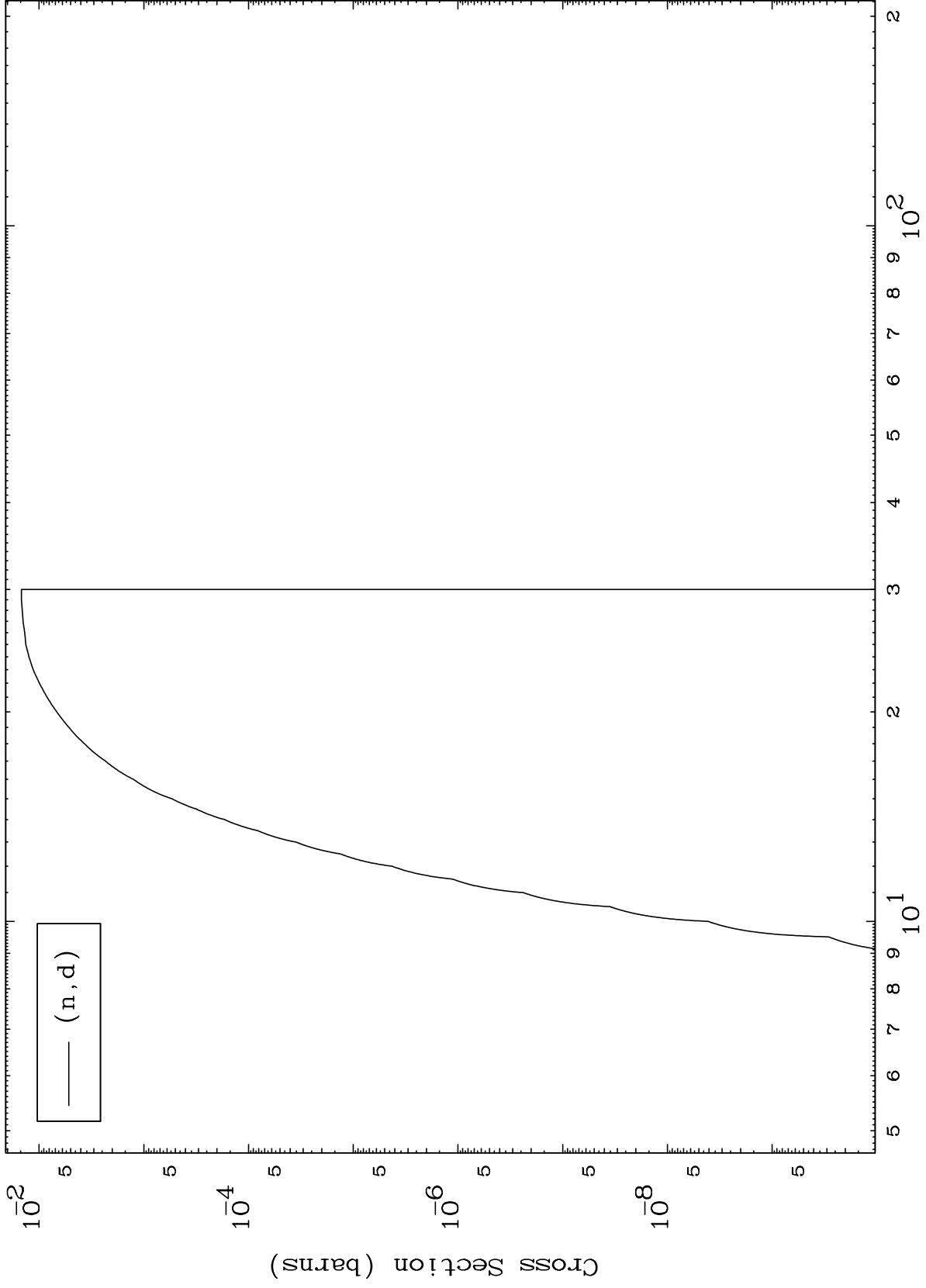
(n,p) Levels
293 Kelvin Cross Sections

74-W -182



Incident Energy (MeV)

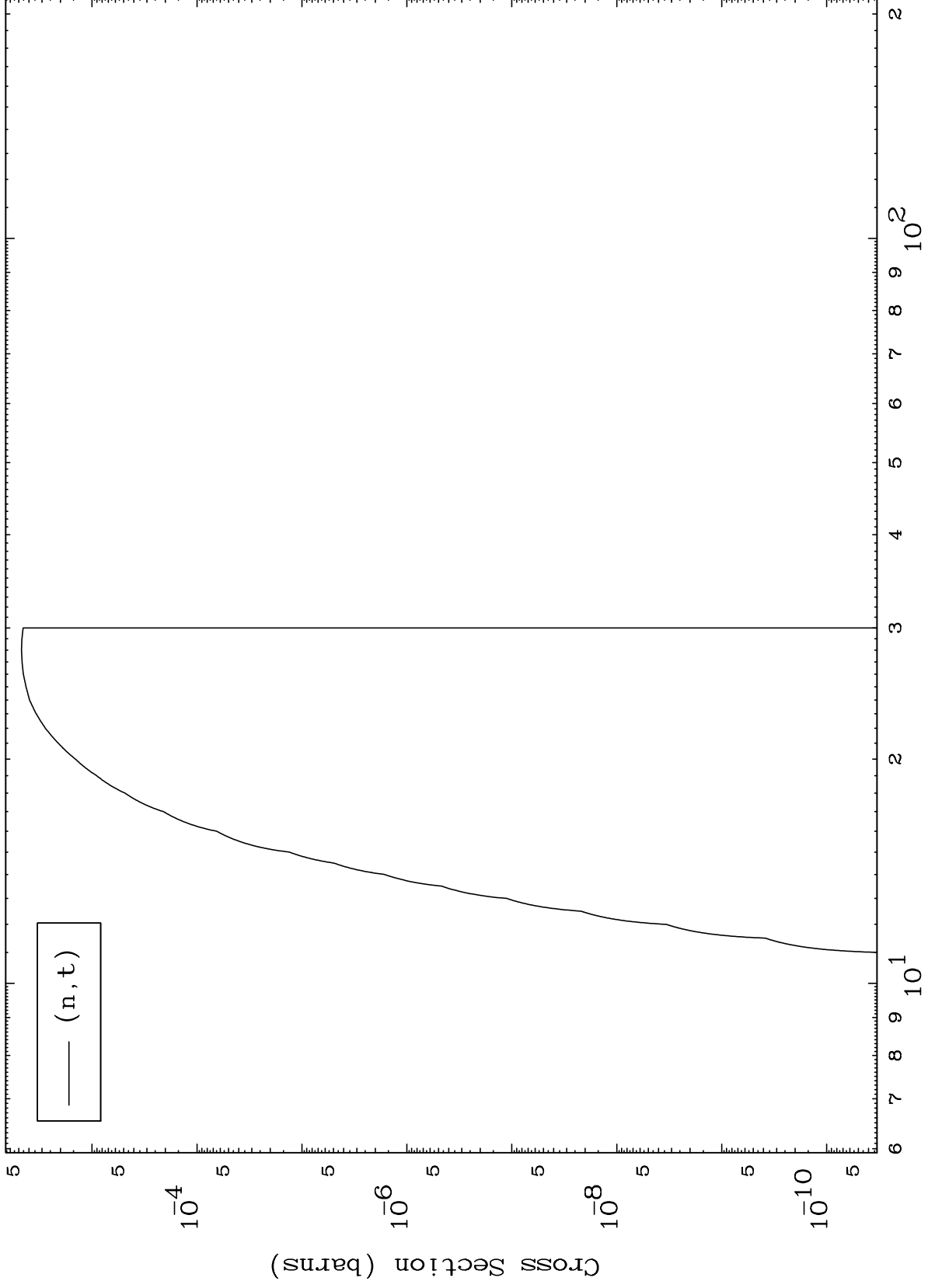
74-W -182



MAT 7431

(n,t) Levels
293 Kelvin Cross Sections

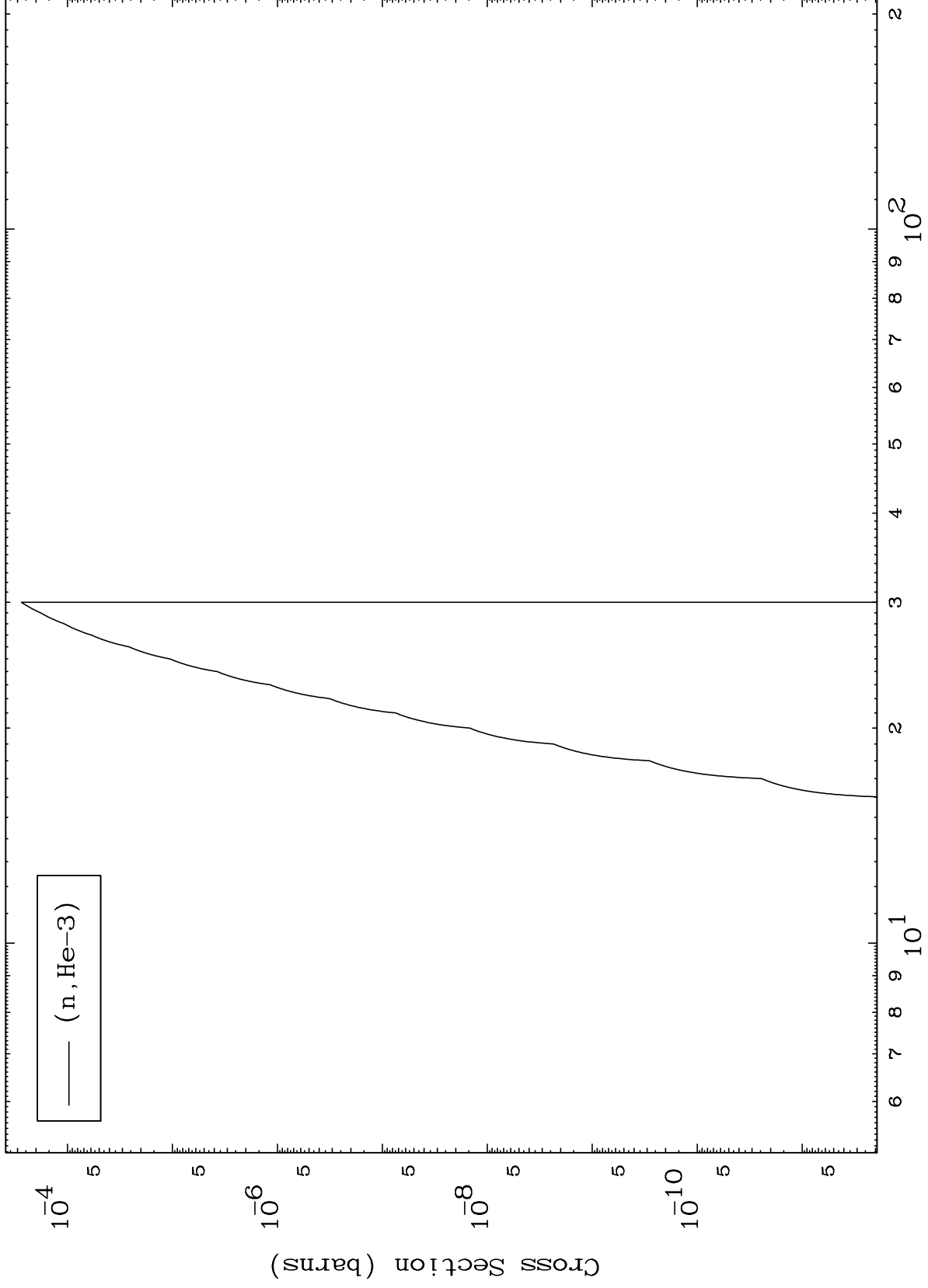
74-W -182



12

Incident Energy (MeV)

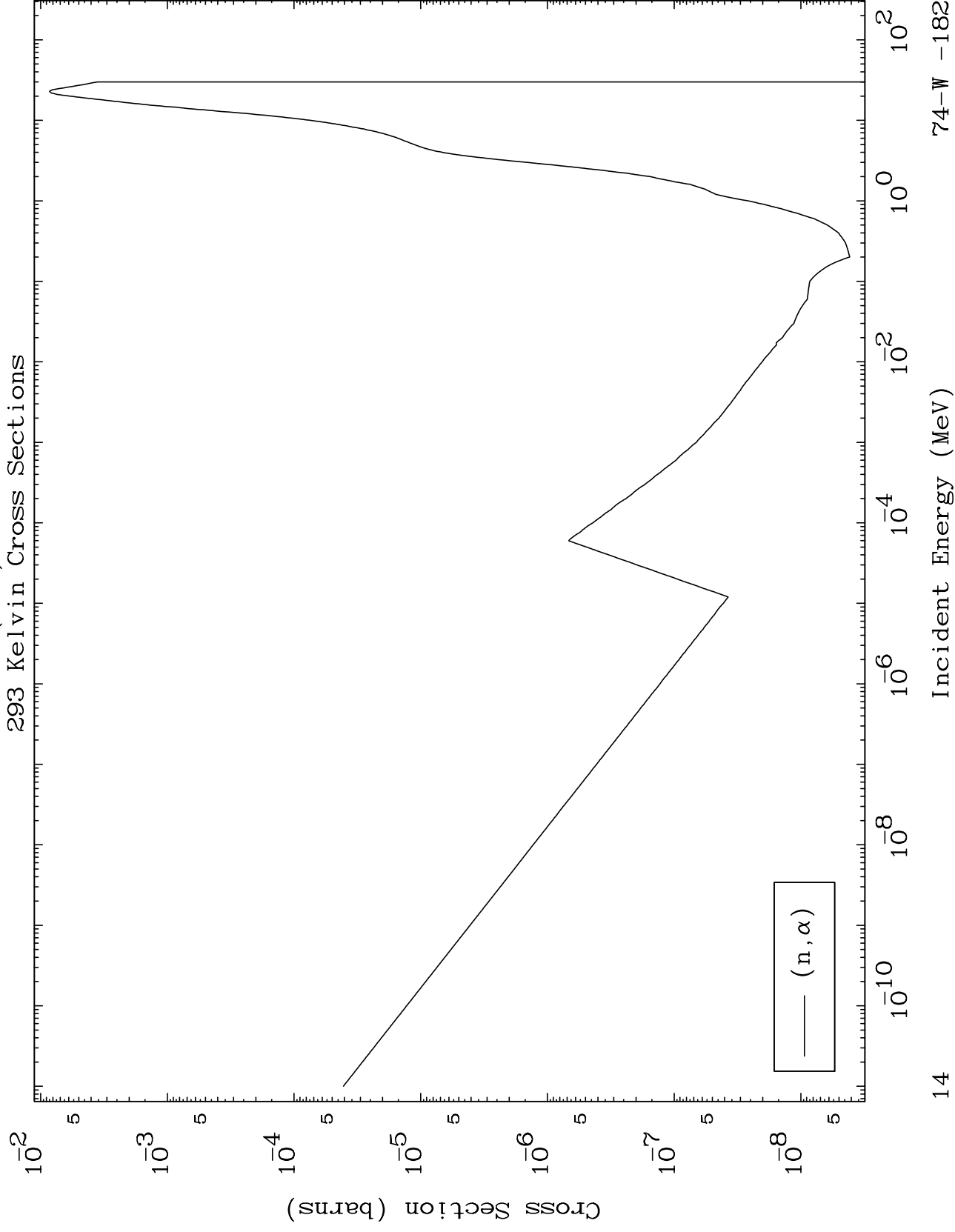
74-W -182



MAT 7431

(n,α) Levels
293 Kelvin Cross Sections

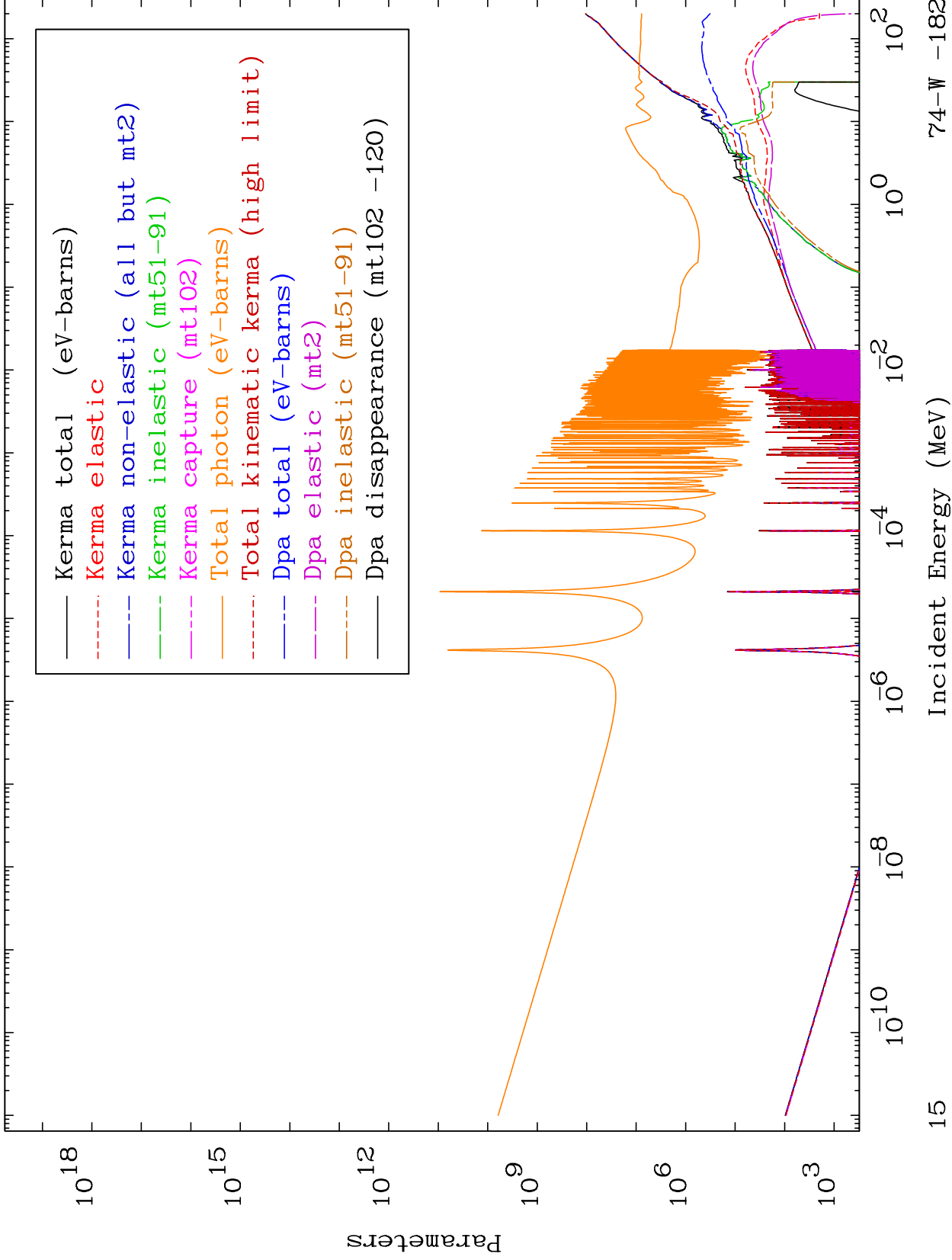
74-W -182



14

Incident Energy (MeV)

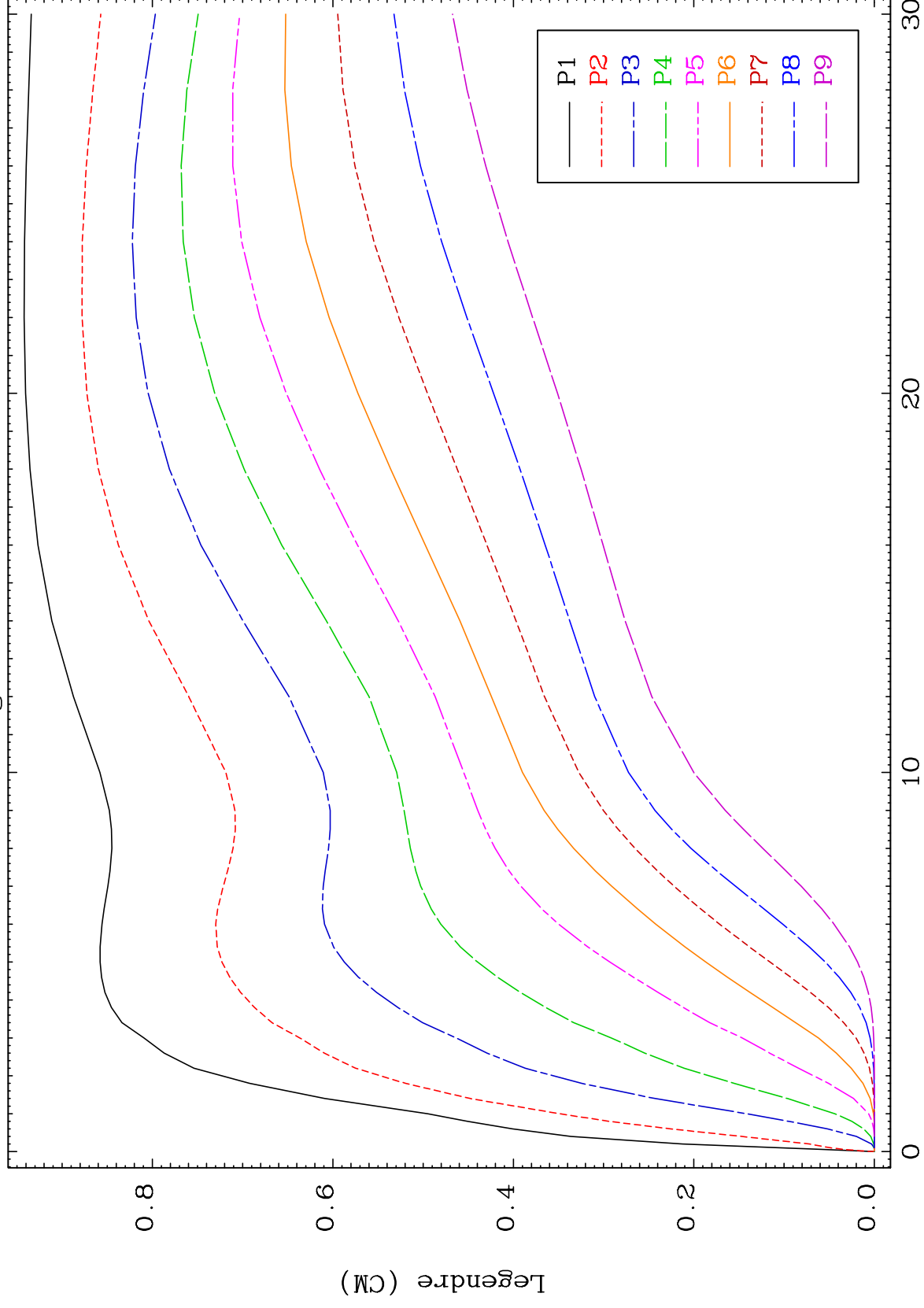
74-W -182



MAT 7431

Elastic Legendre Coefficients

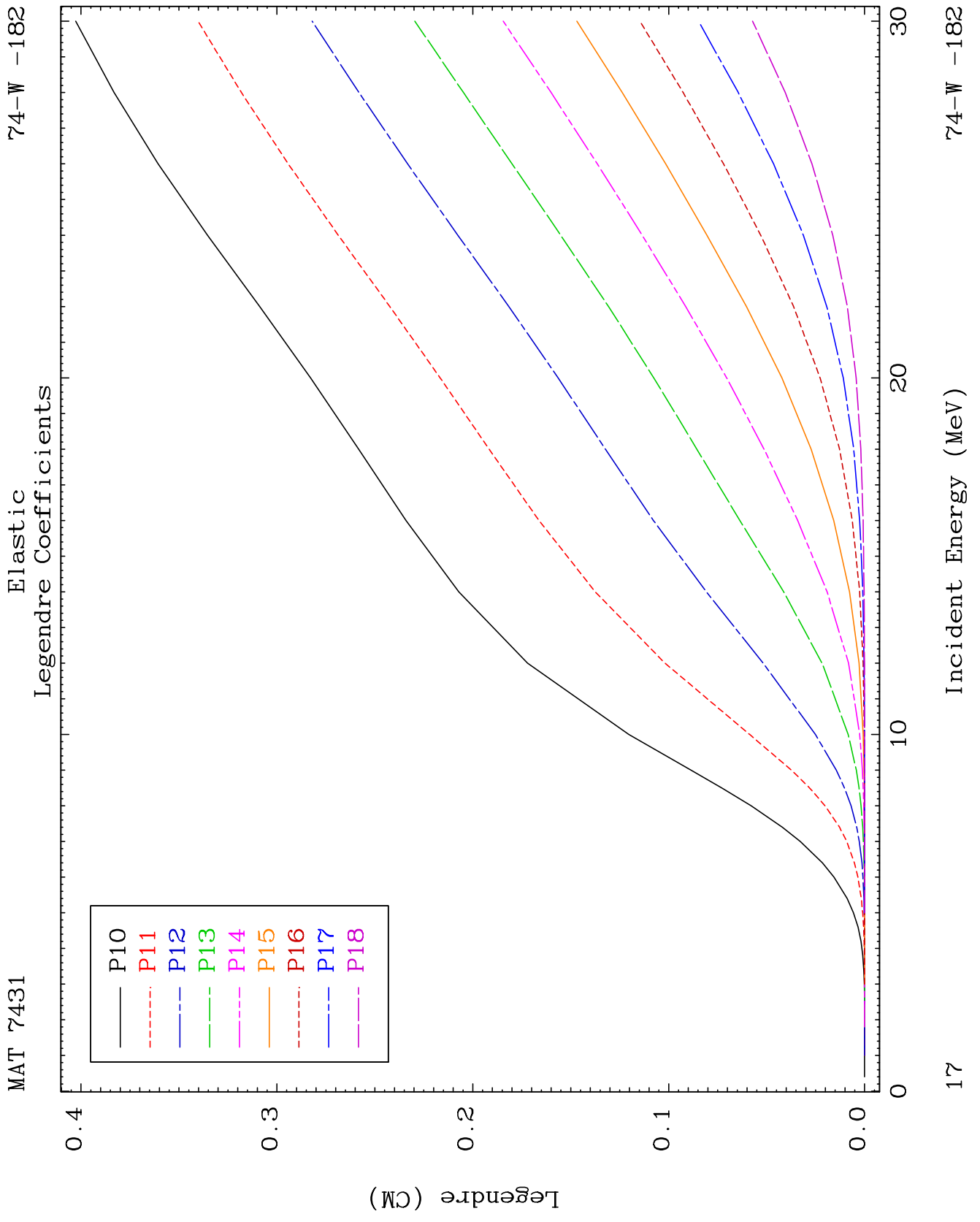
74-W -182



16

Incident Energy (MeV)

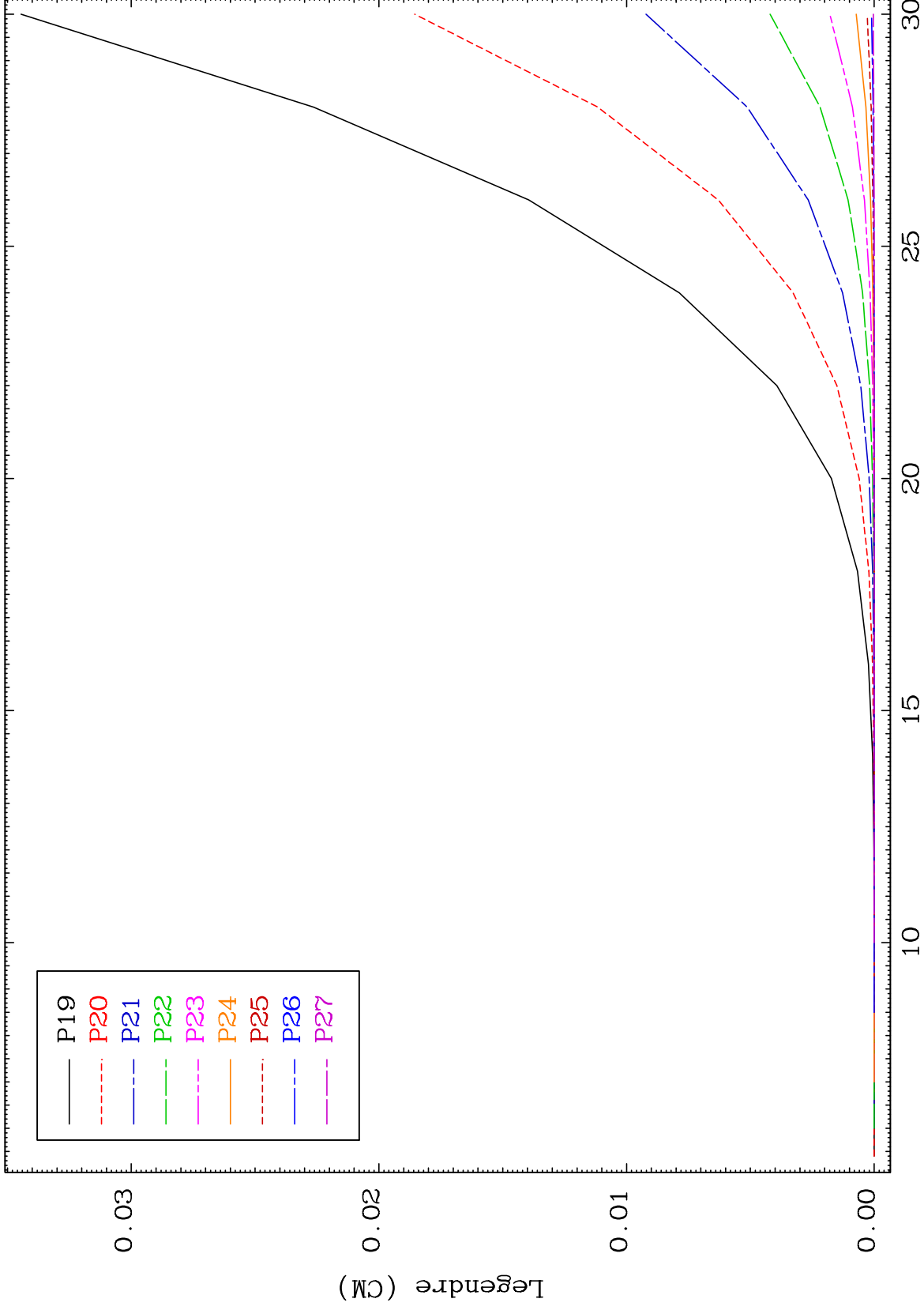
74-W -182



MAT 7431

Elastic Legendre Coefficients

74-W -182



18

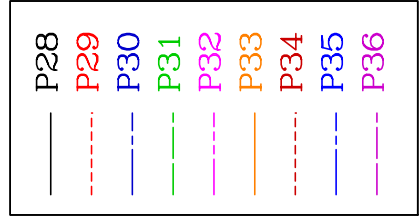
Incident Energy (MeV)

74-W -182

MAT 7431

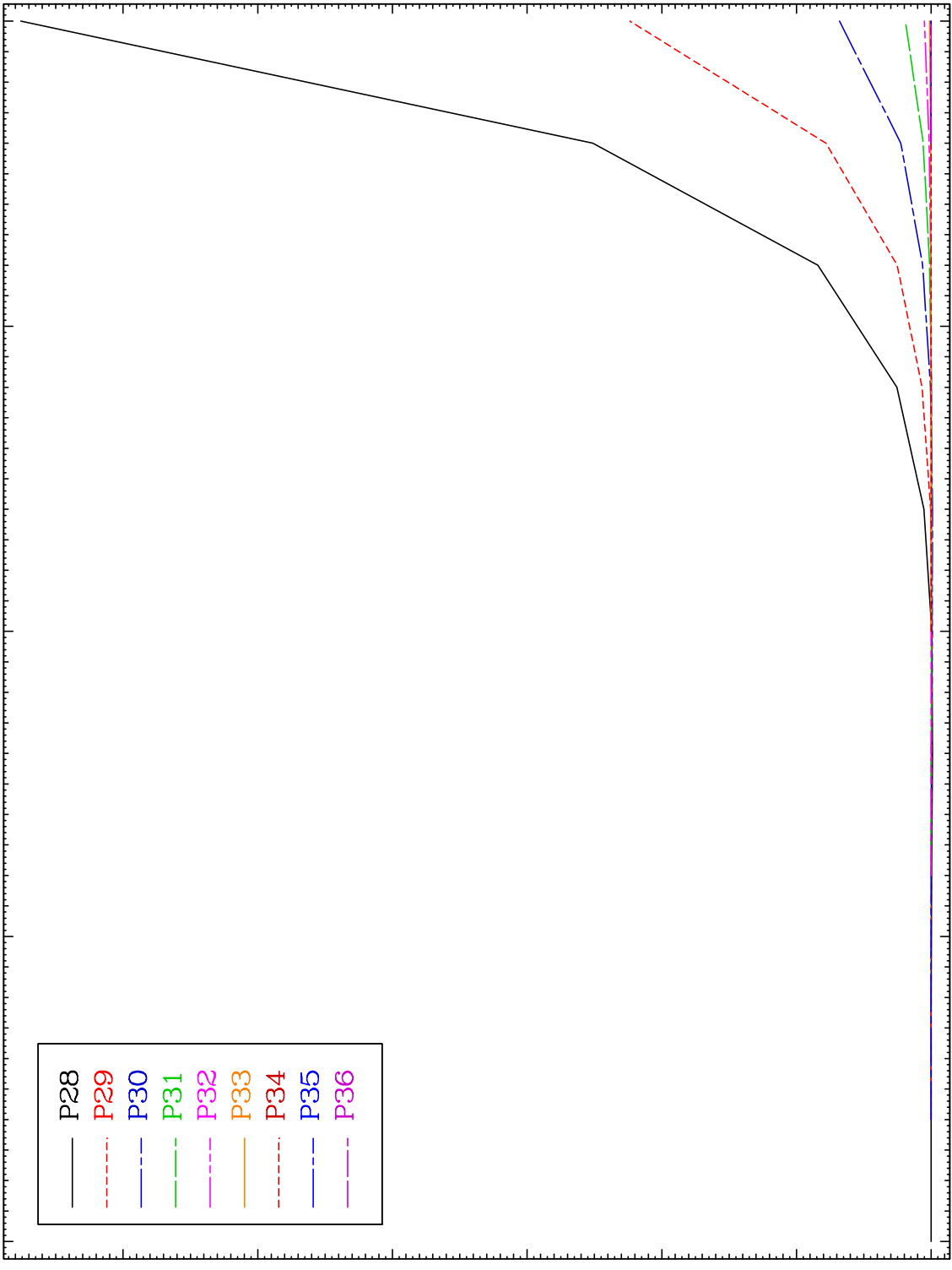
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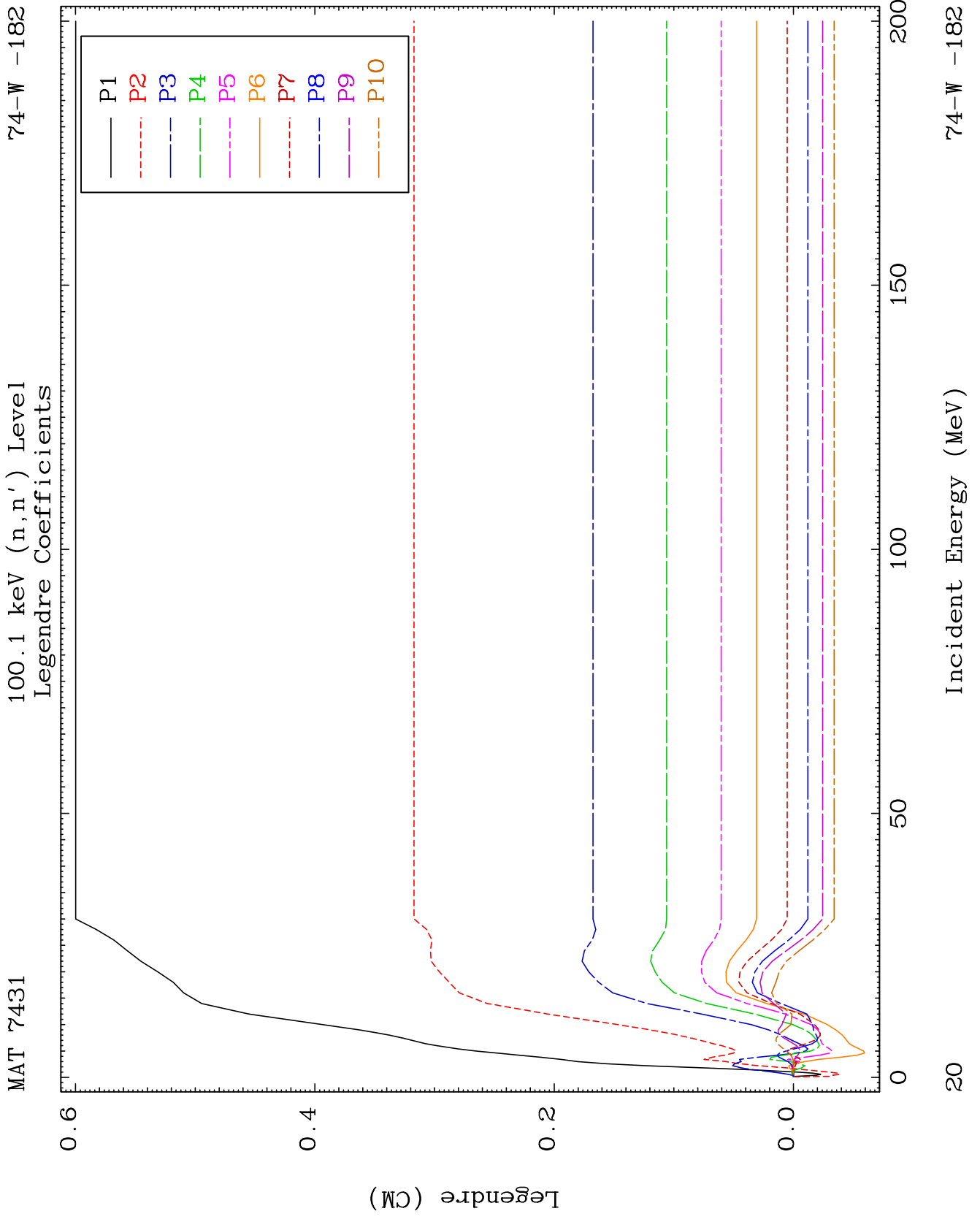
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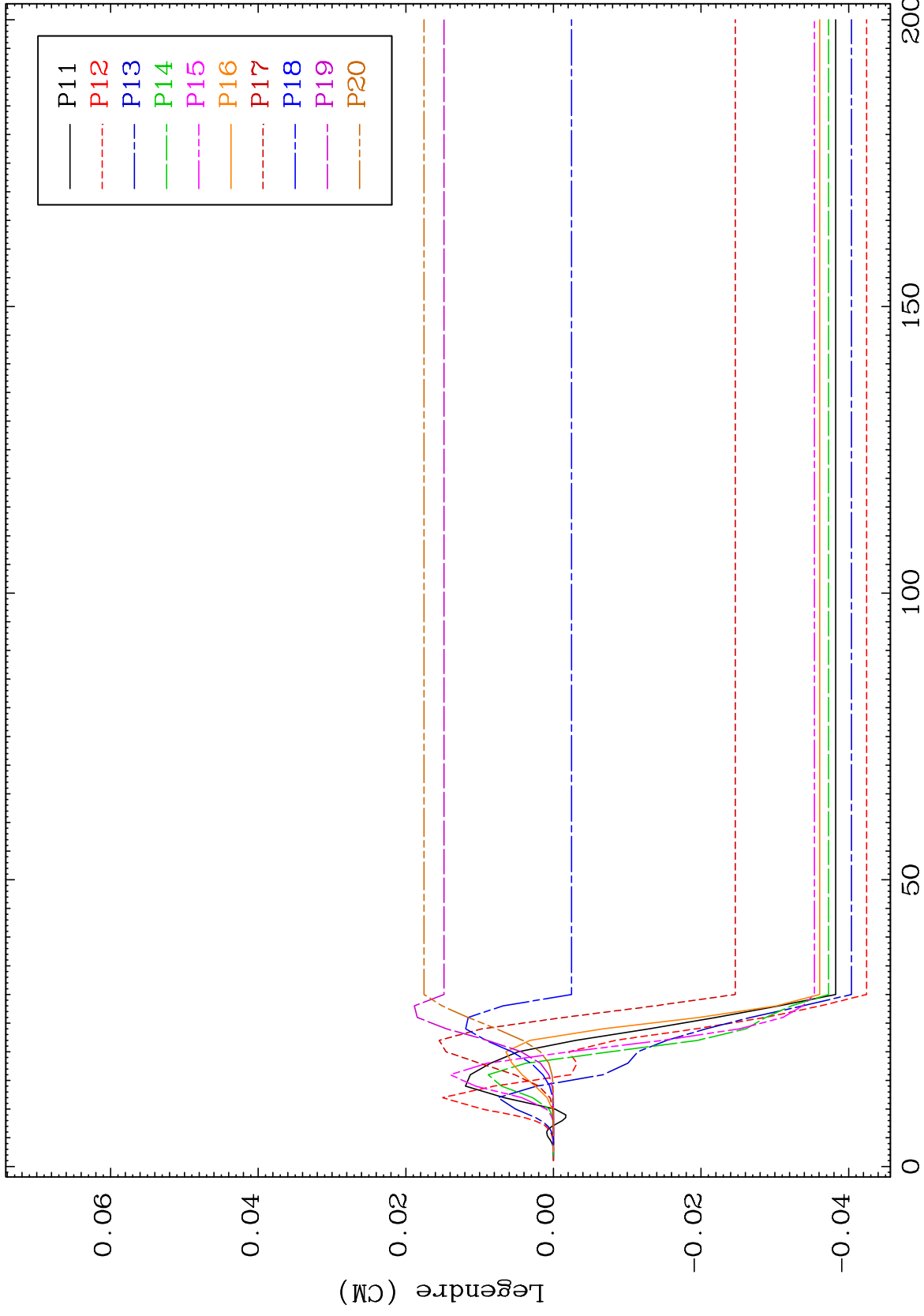


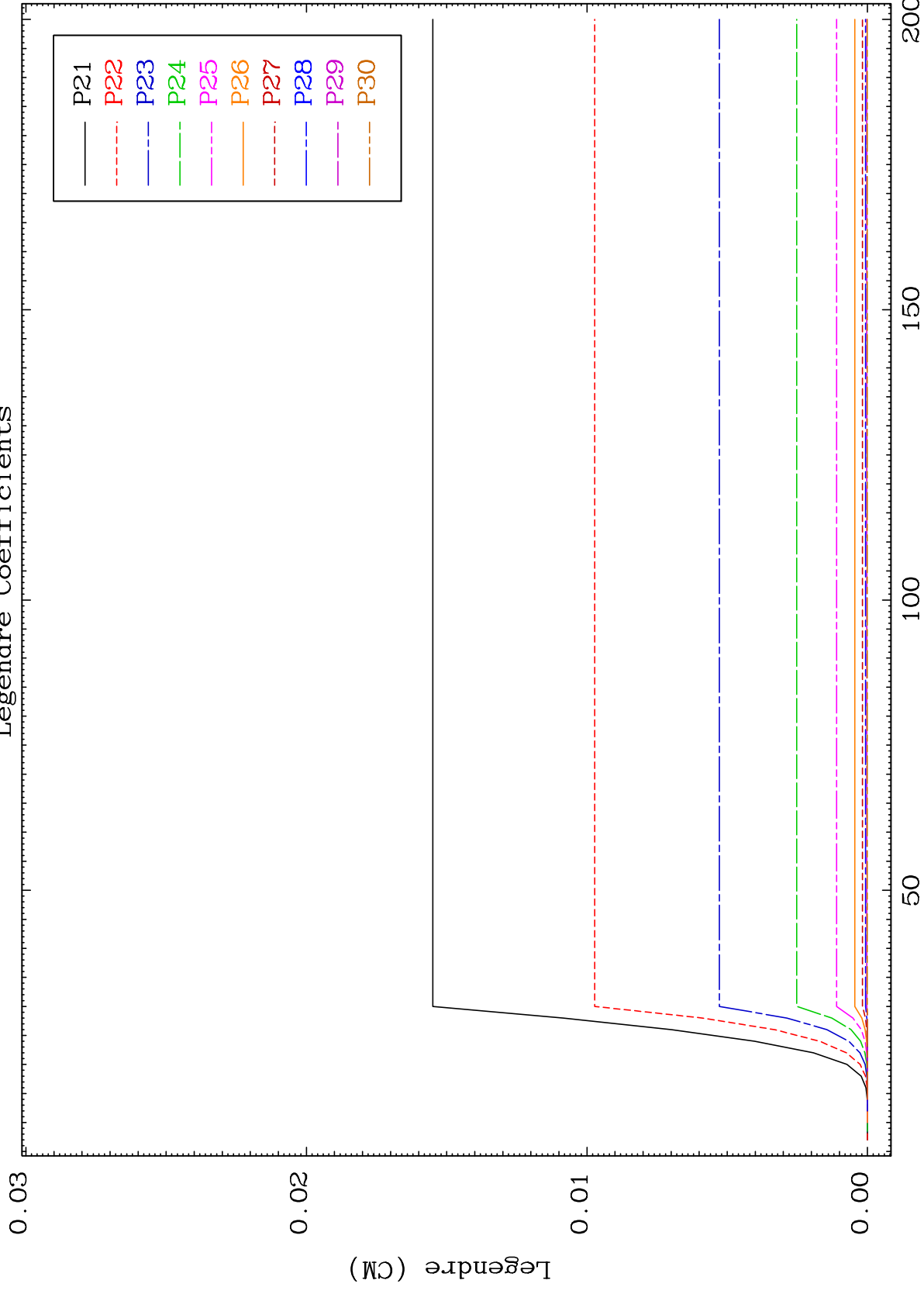
$\times 10^{-5}$
Legendre (CM)
1.2
1.0
0.8
0.6
0.4
0.2
0.0

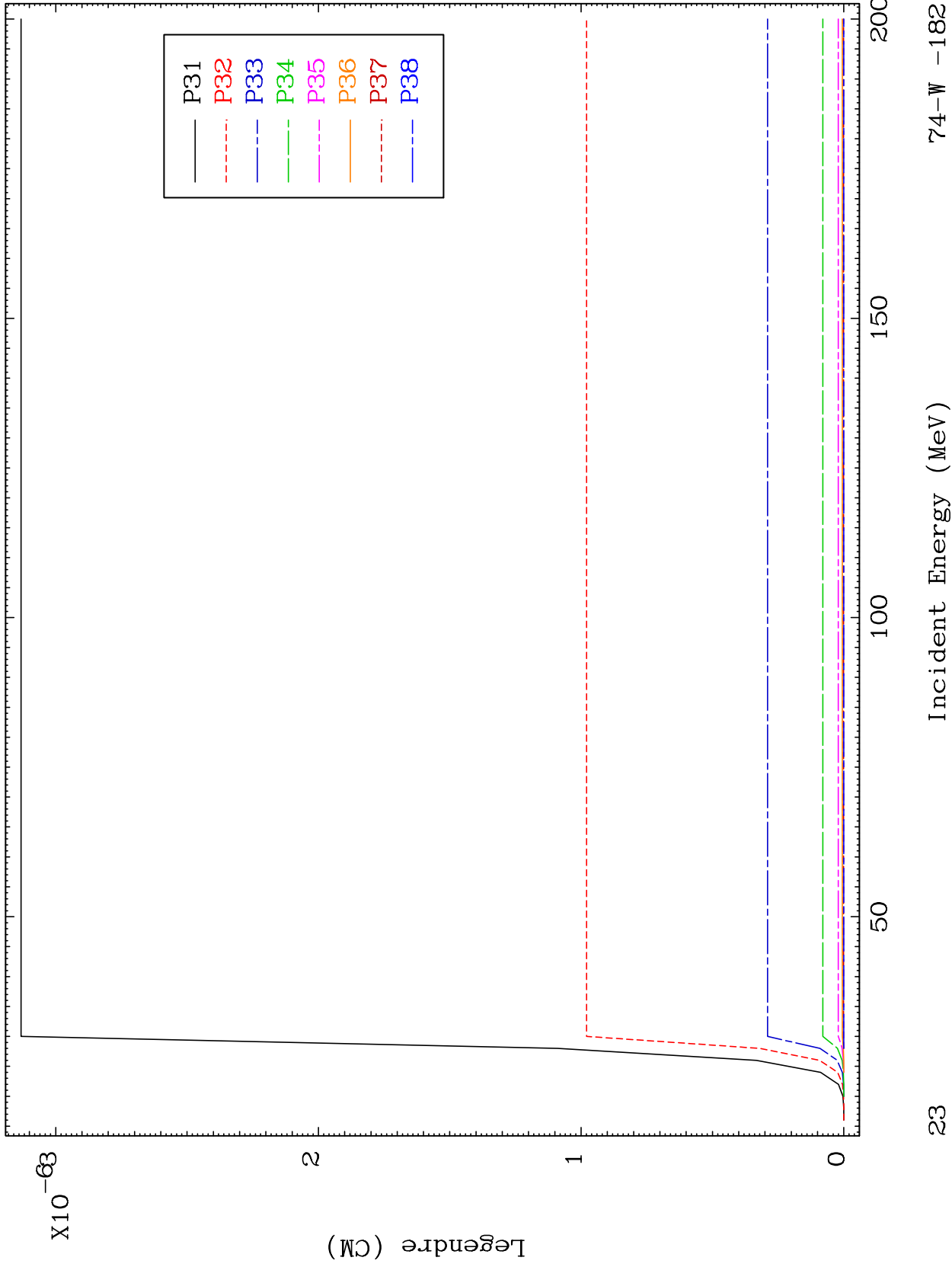
10 15 20 25 30
Incident Energy (MeV)
74-W -182

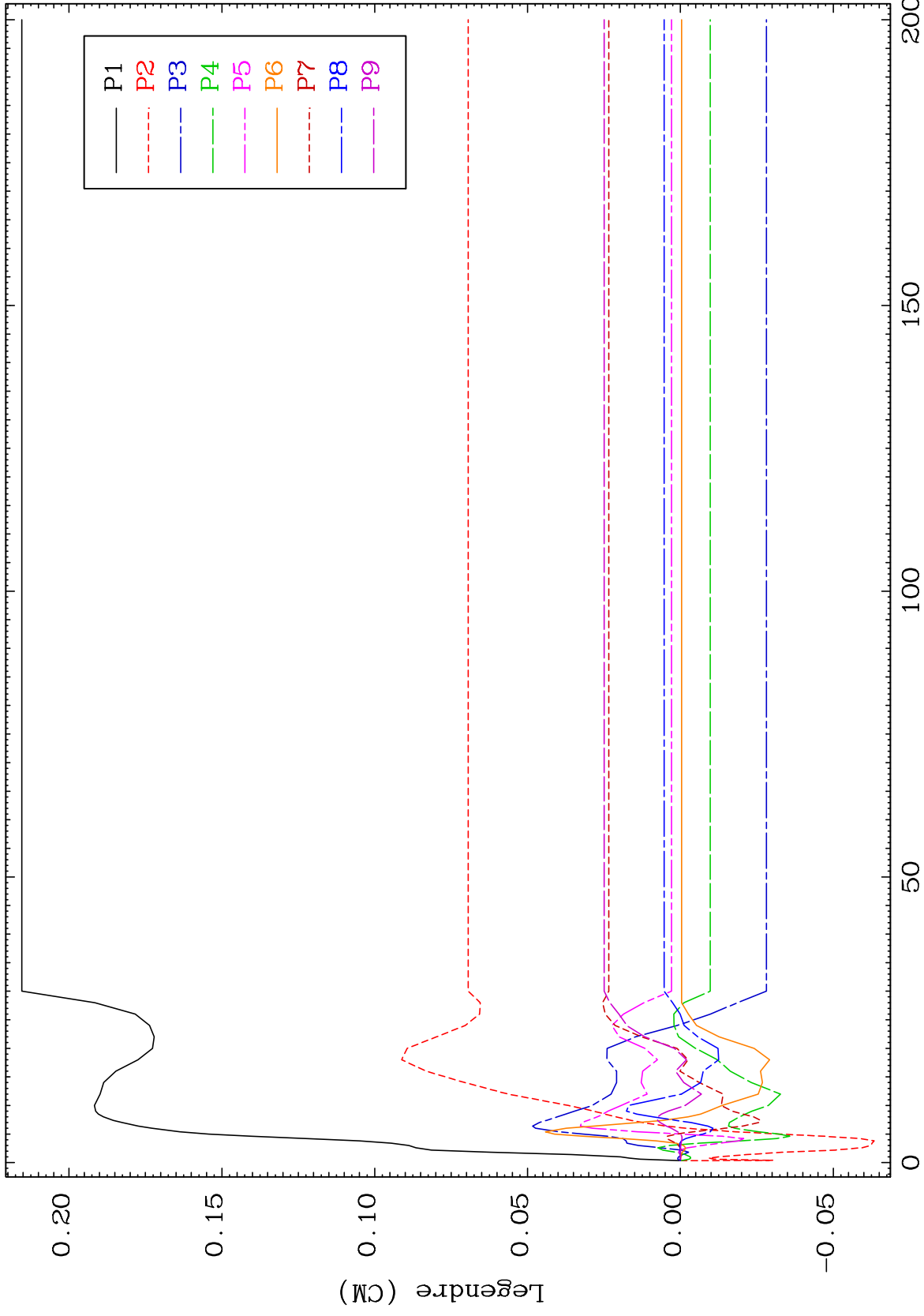








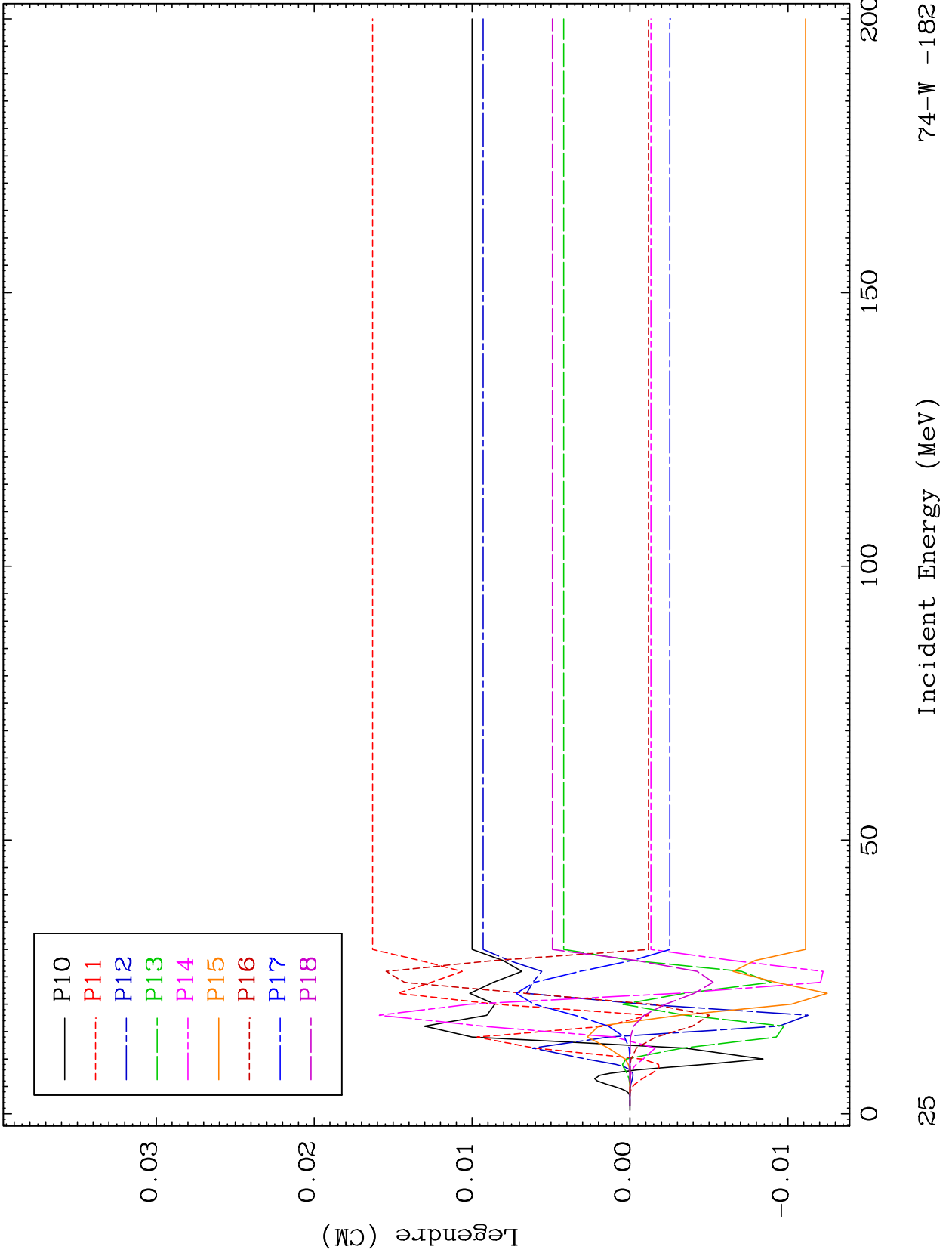




MAT 7431

329.4 keV (n,n') Level
Legendre Coefficients

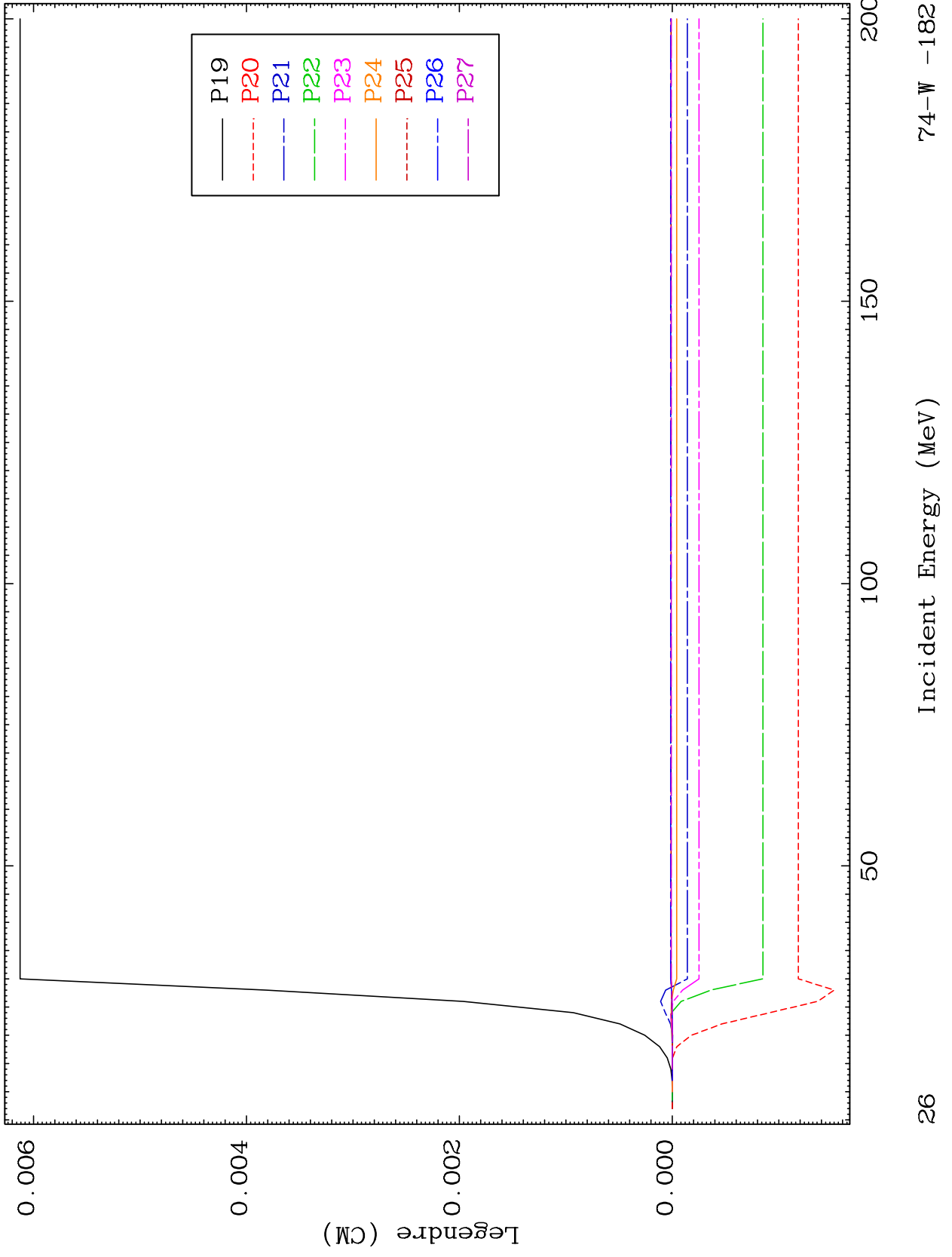
74-W -182



74-W -182

Incident Energy (MeV)

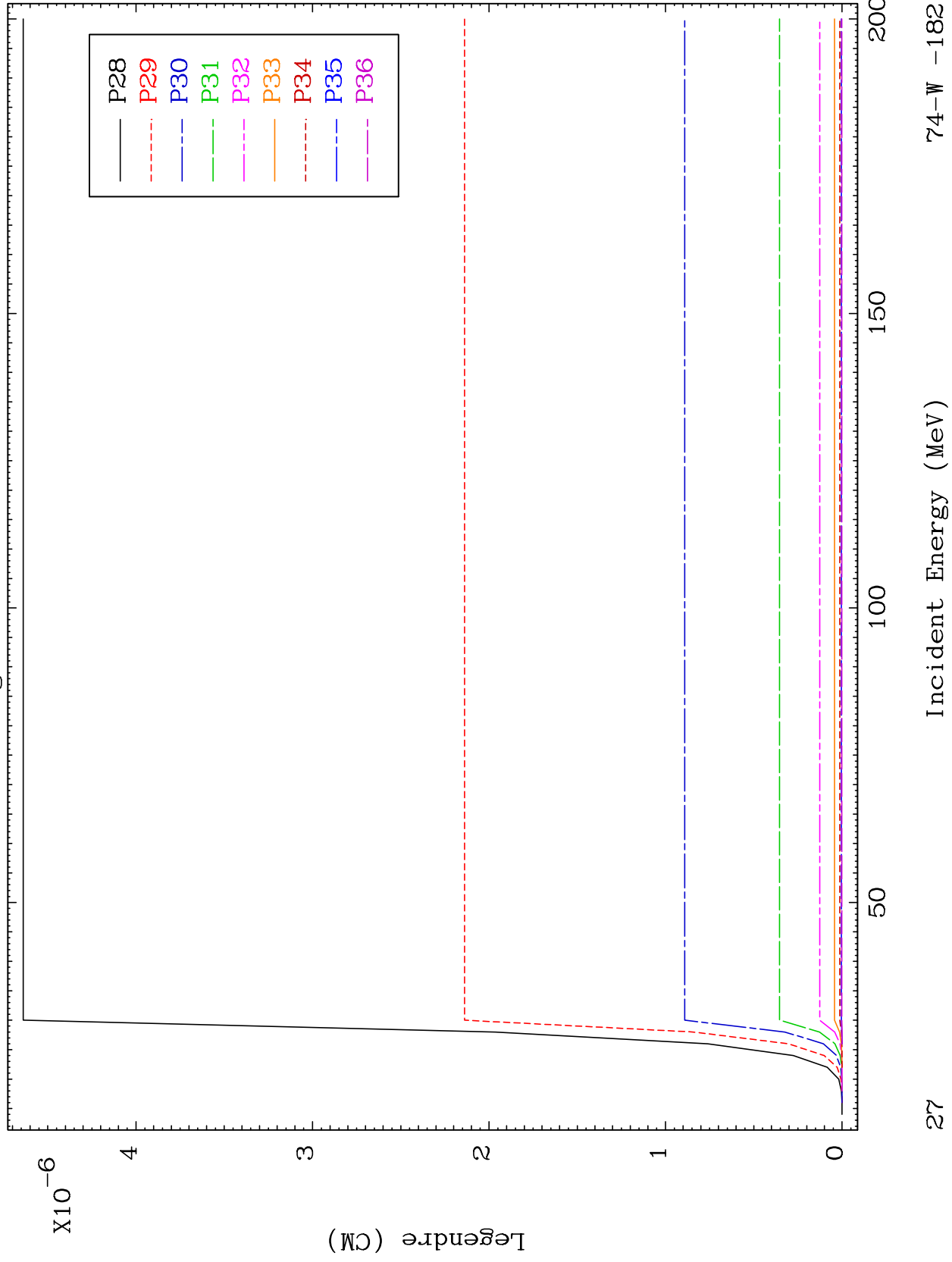
25



MAT 7431

329.4 keV (n,n') Level
Legendre Coefficients

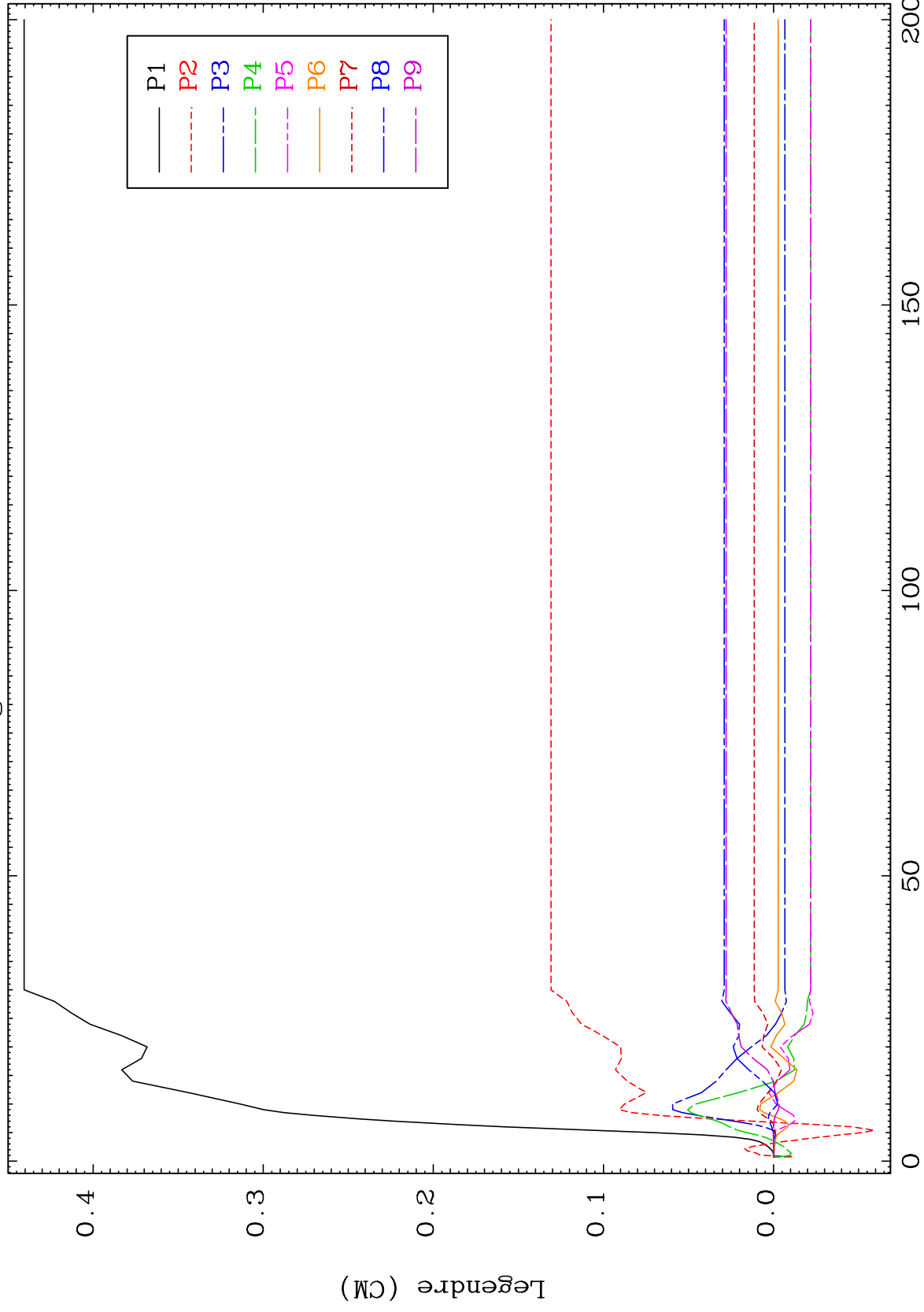
74-W -182



MAT 7431

680.4 keV (n,n') Level
Legendre Coefficients

74-W -182



28

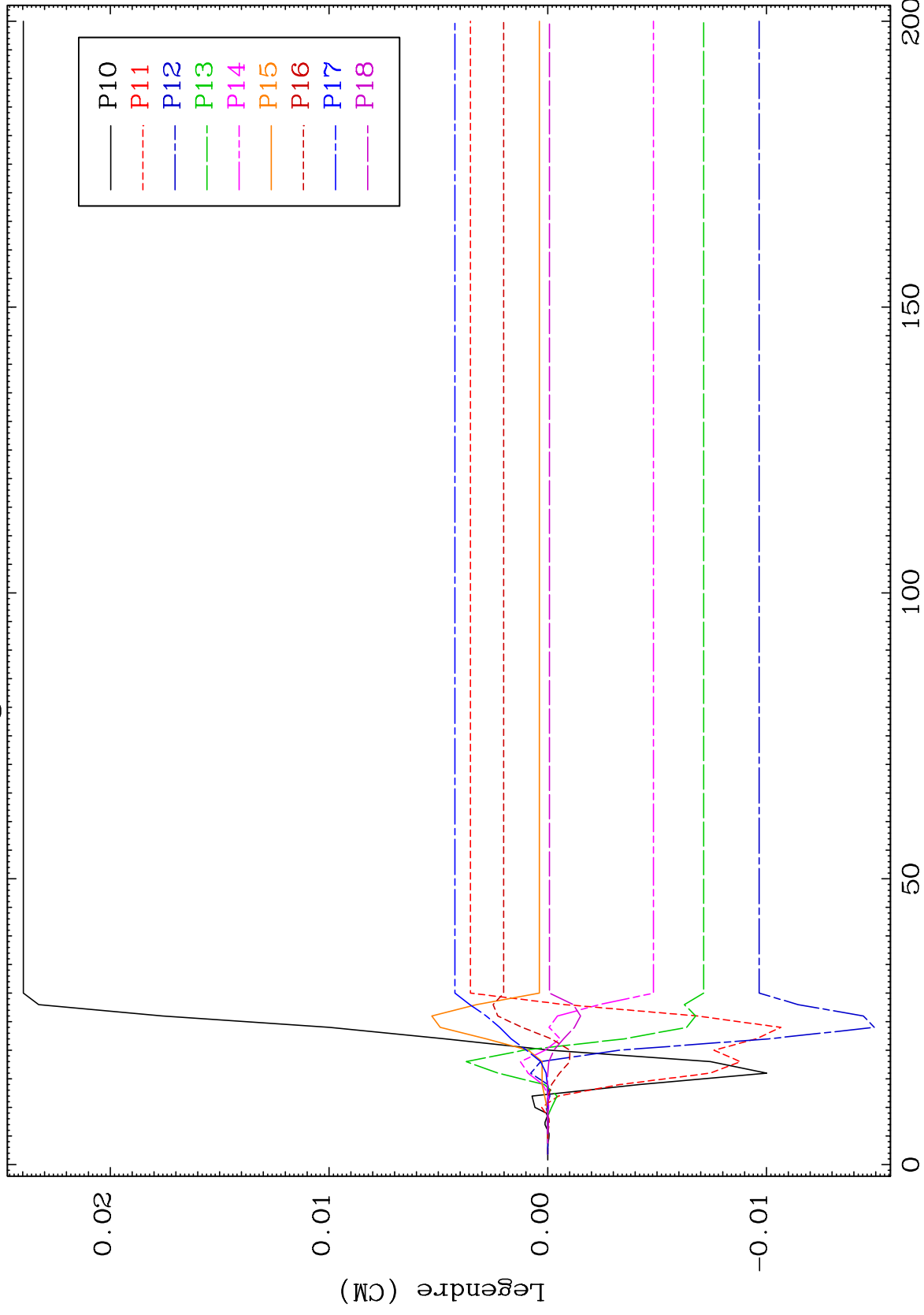
Incident Energy (MeV)

74-W -182

MAT 7431

680.4 keV (n,n') Level
Legendre Coefficients

74-W -182



29

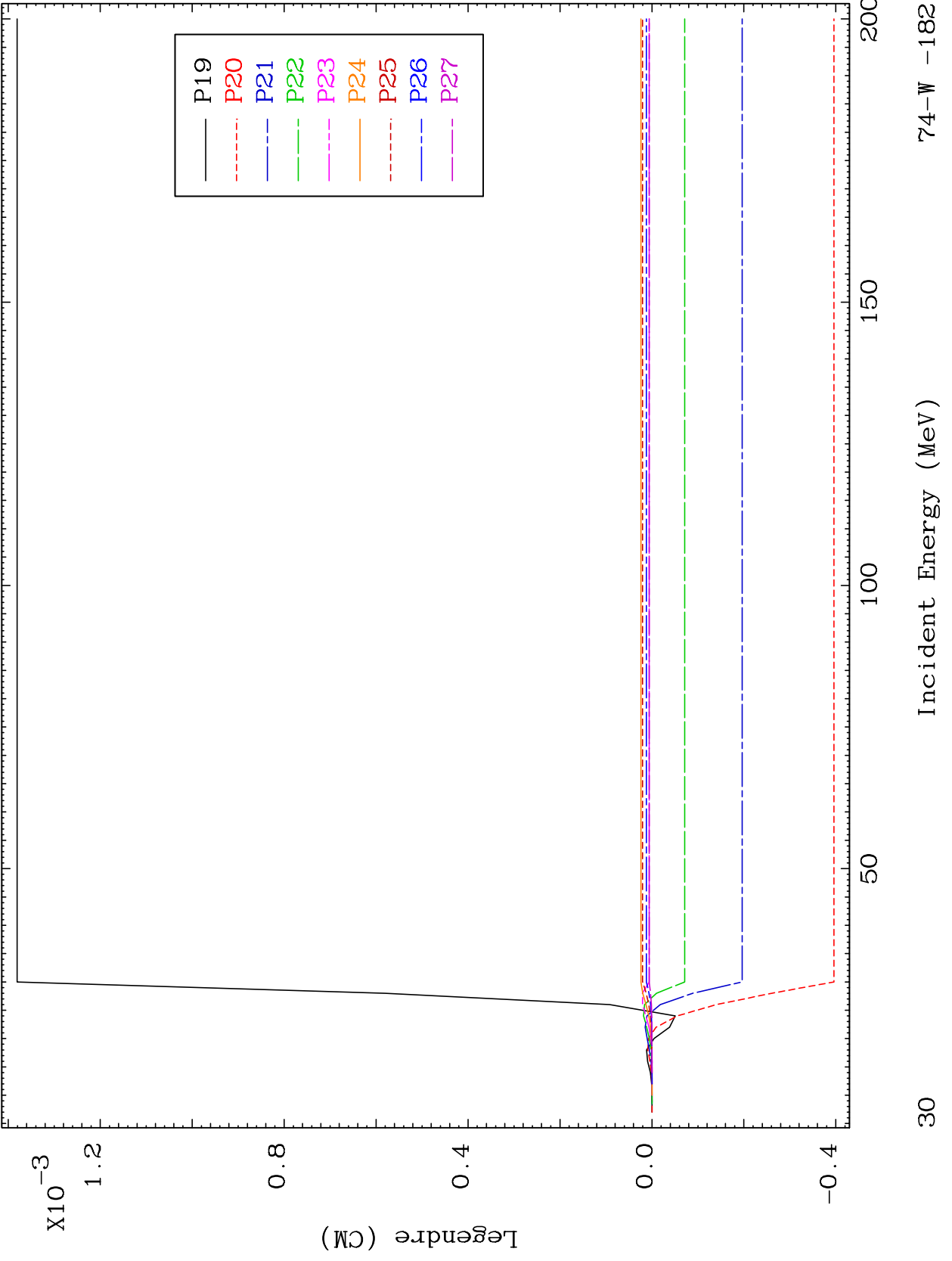
Incident Energy (MeV)

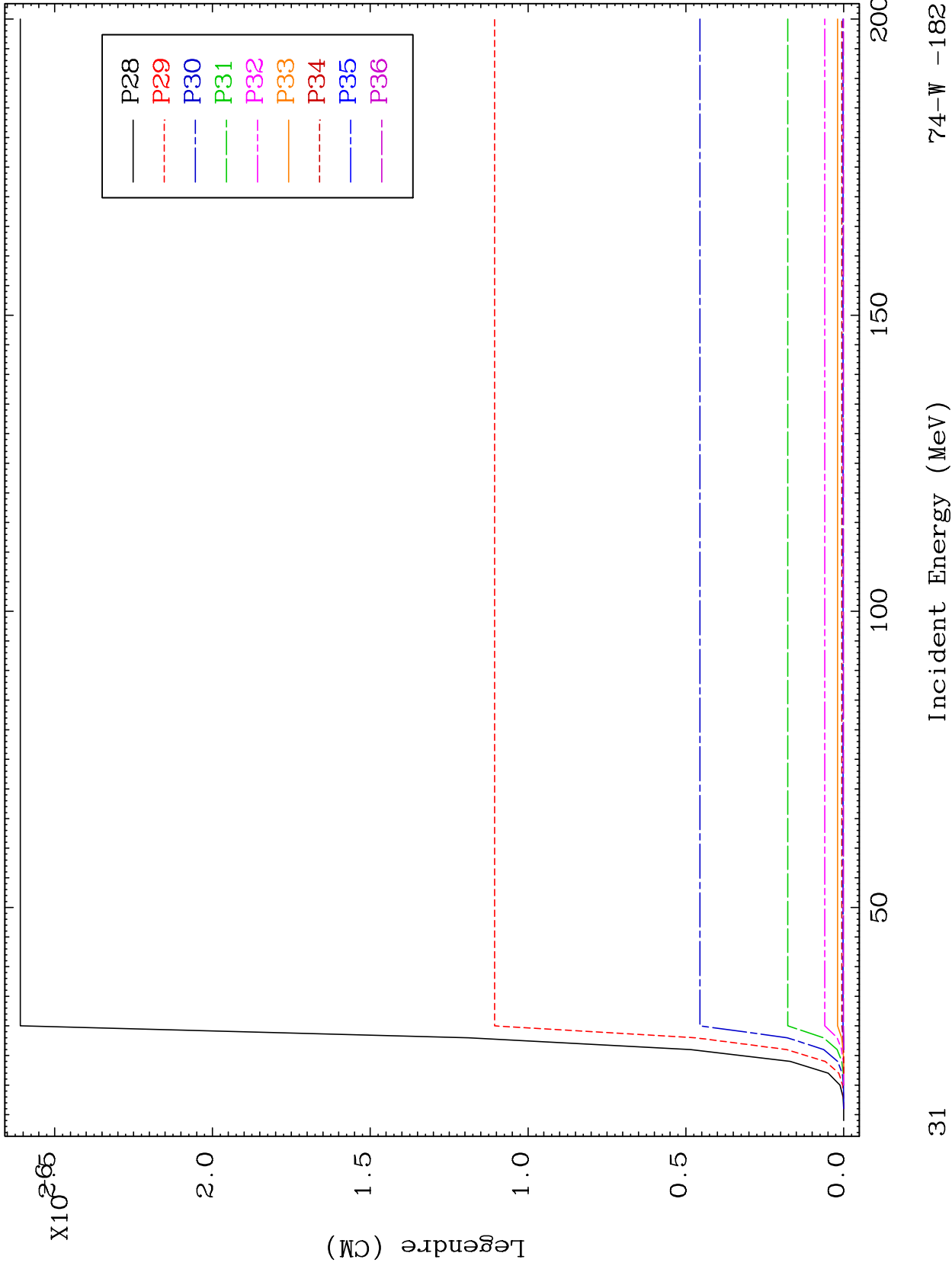
74-W -182

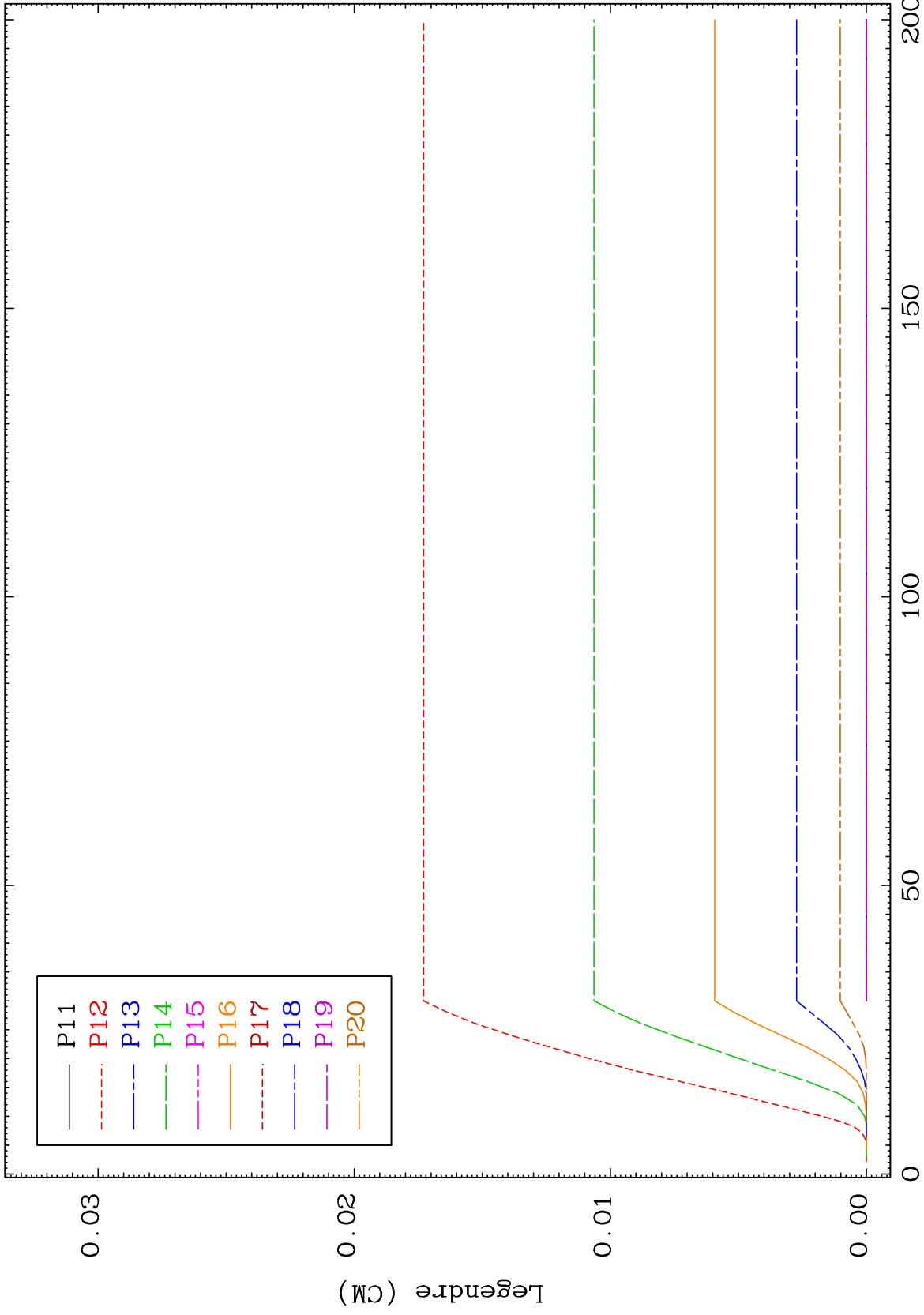
MAT 7431

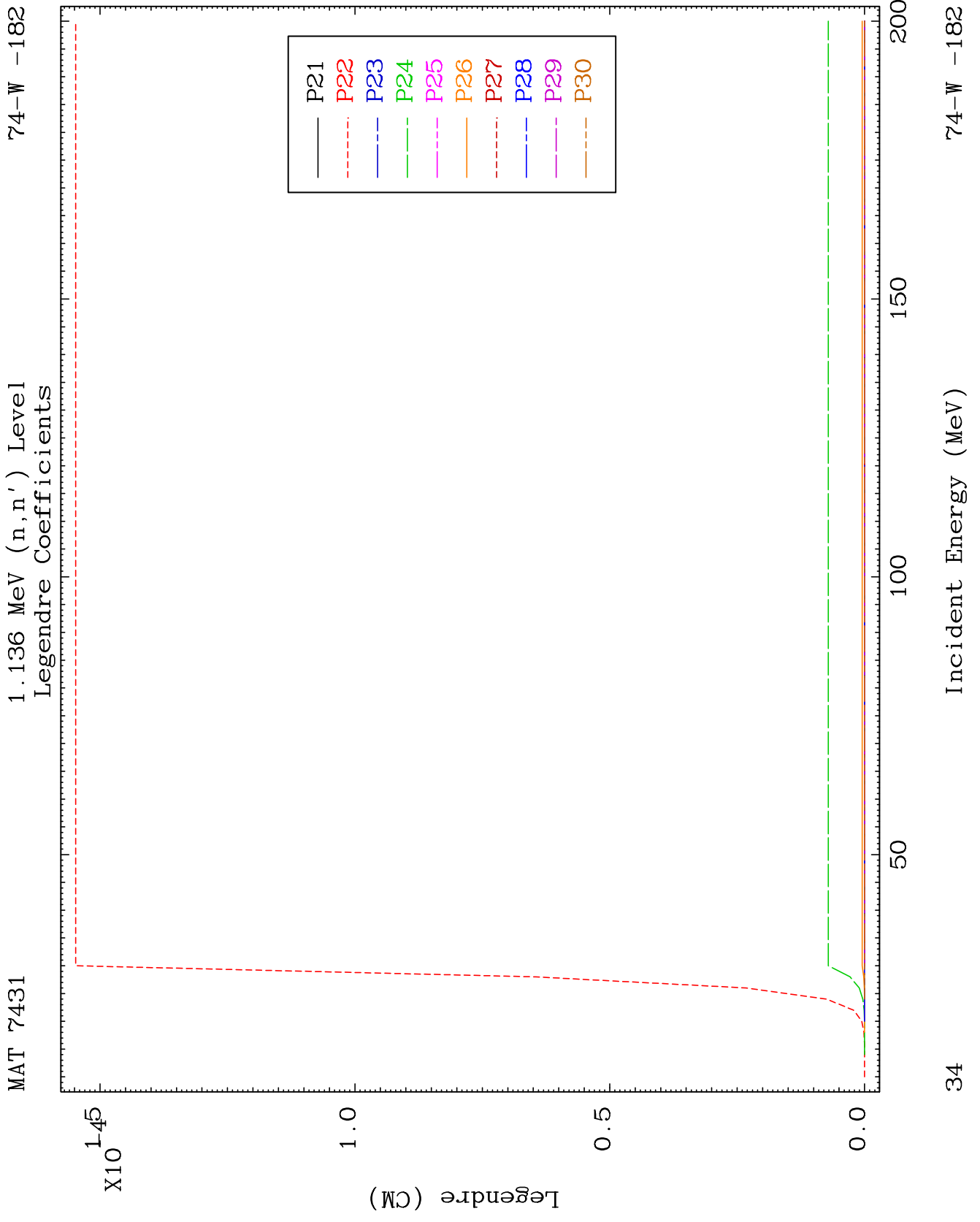
680.4 keV (n,n') Level
Legendre Coefficients

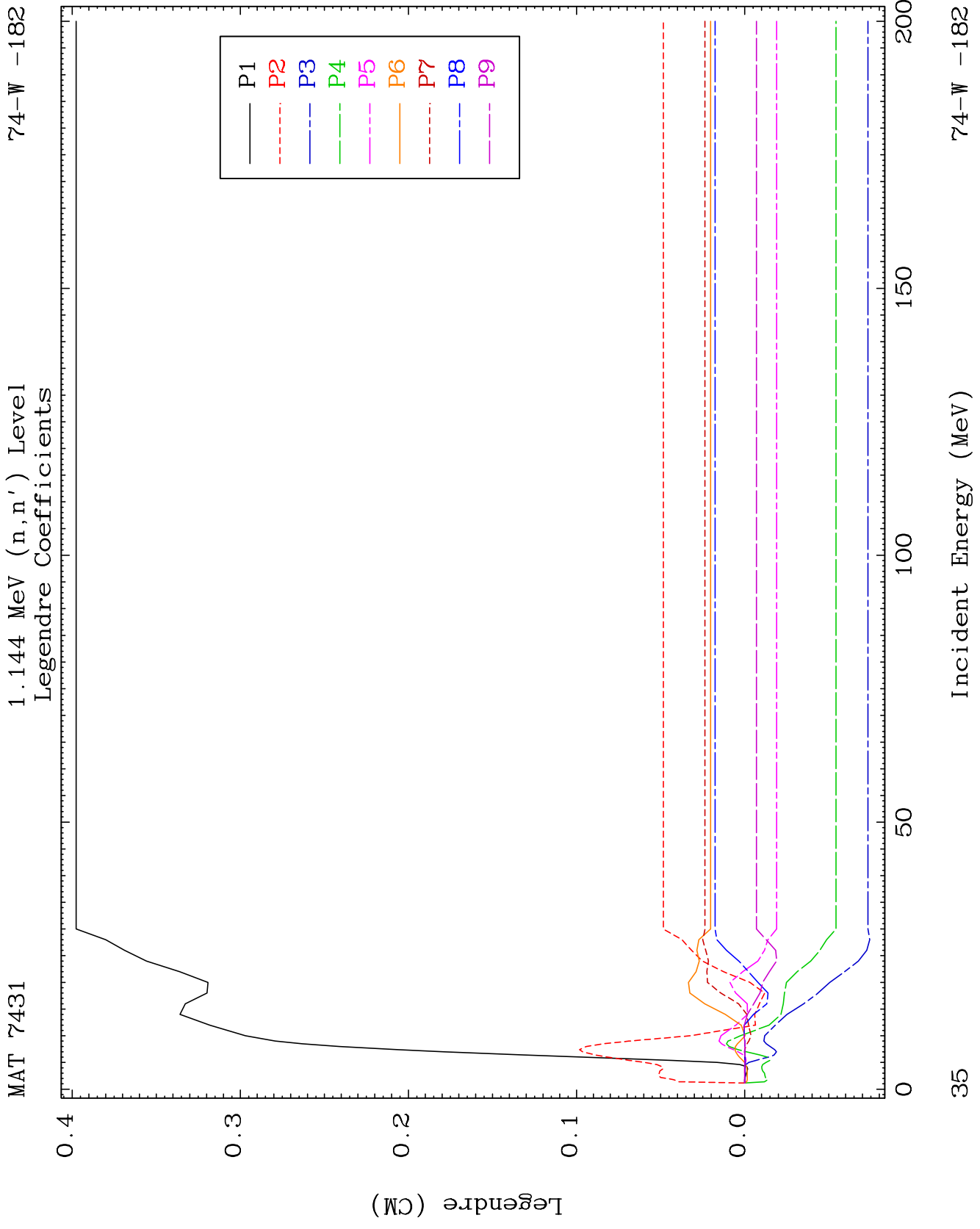
74-W -182

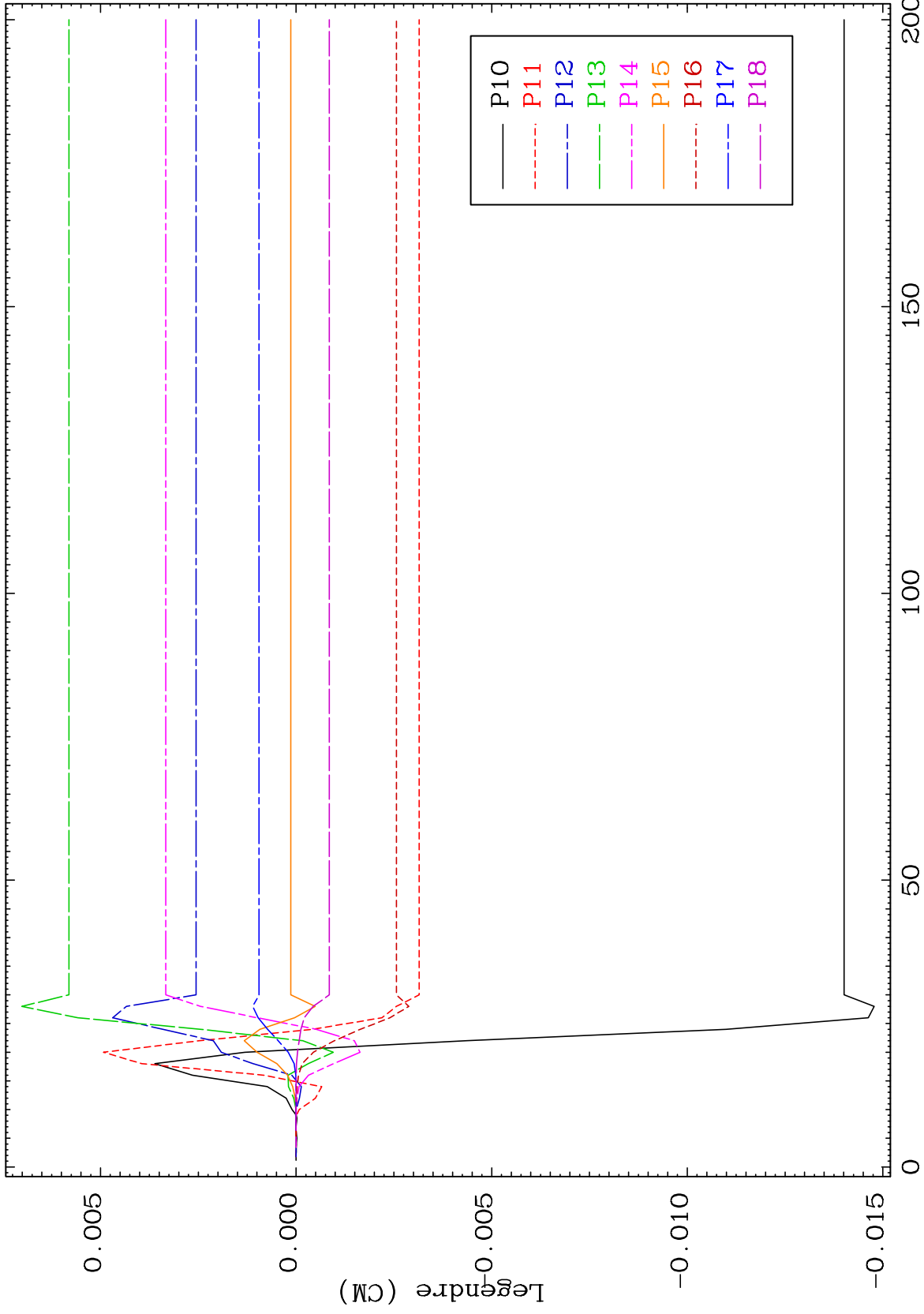


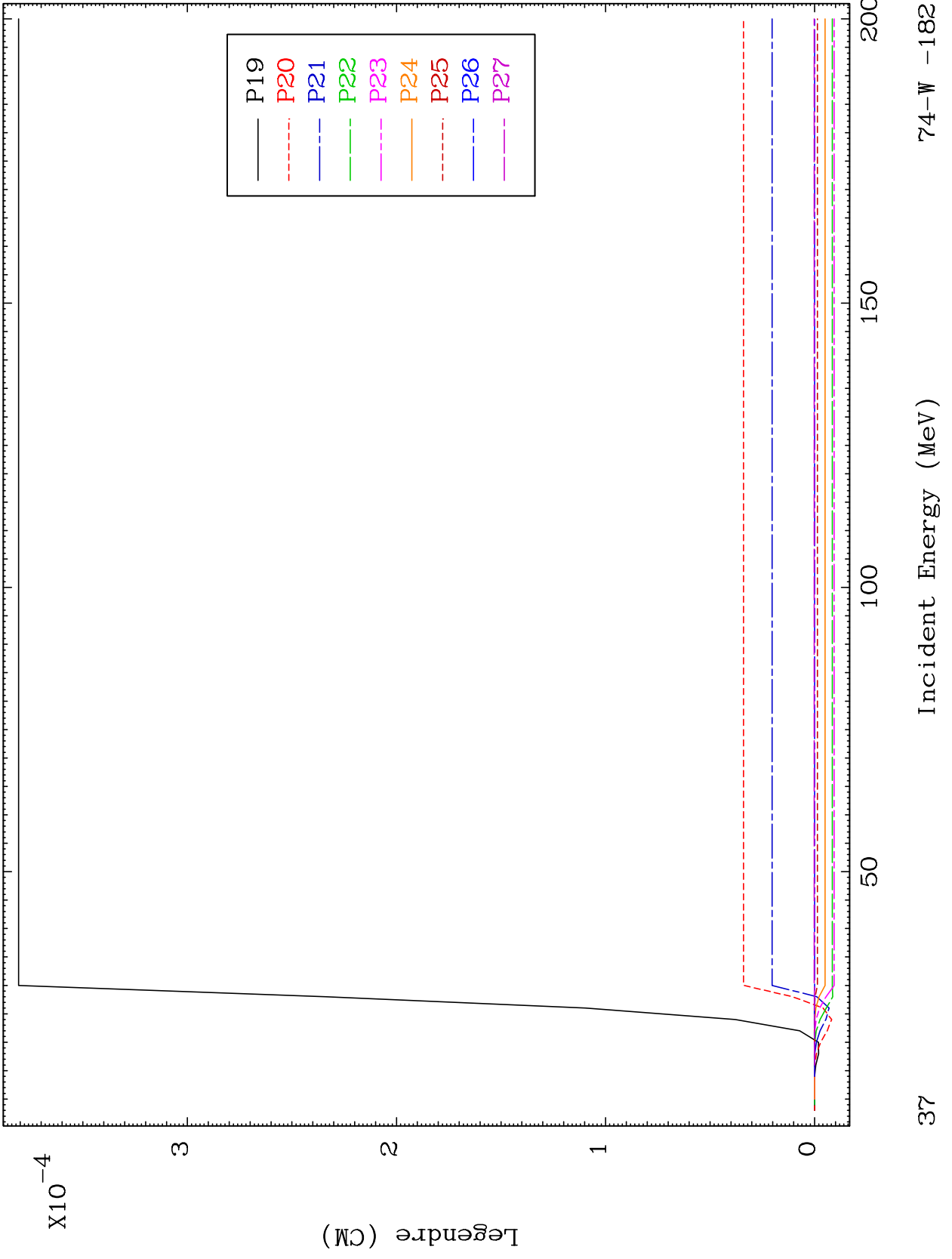


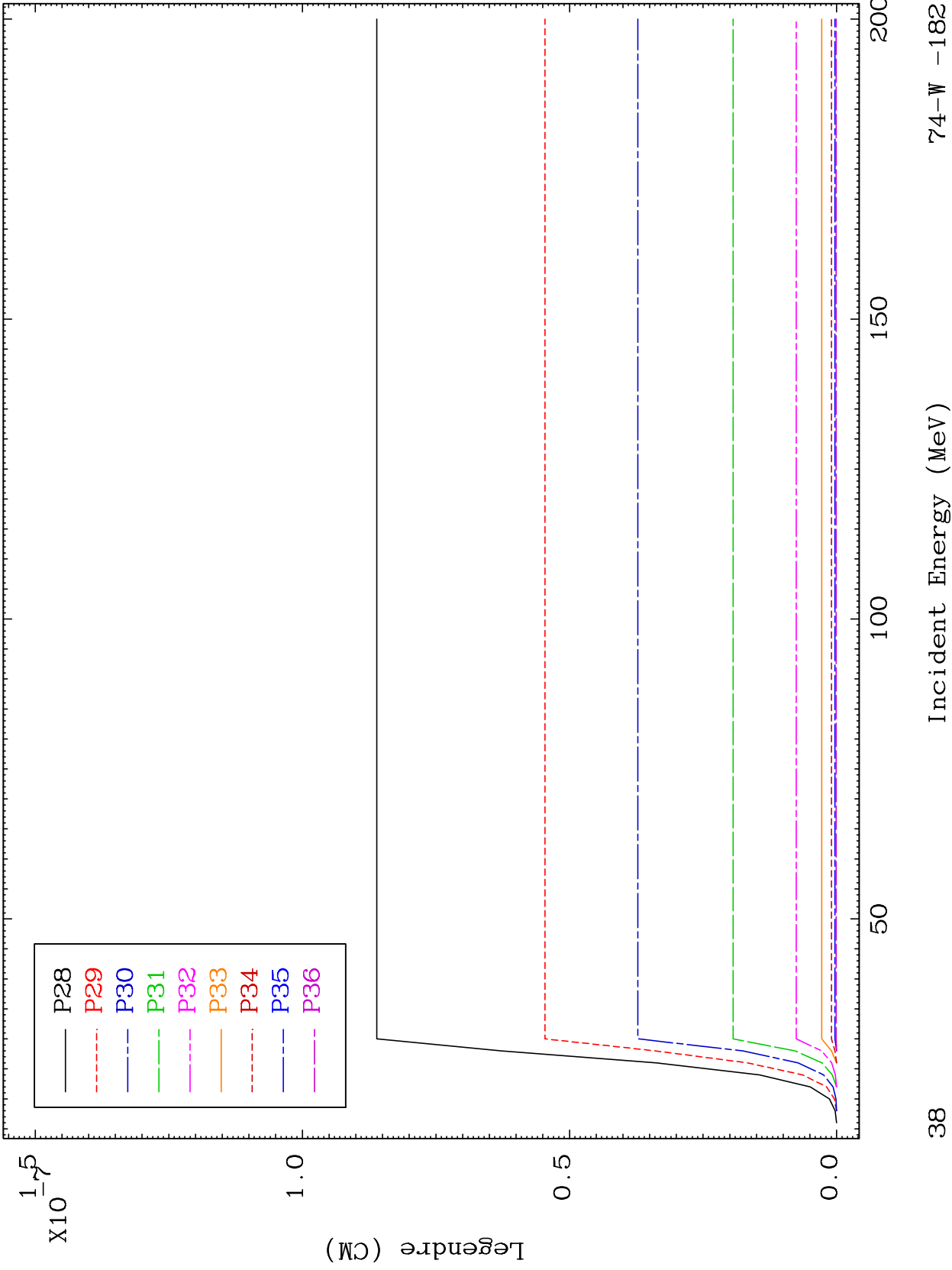


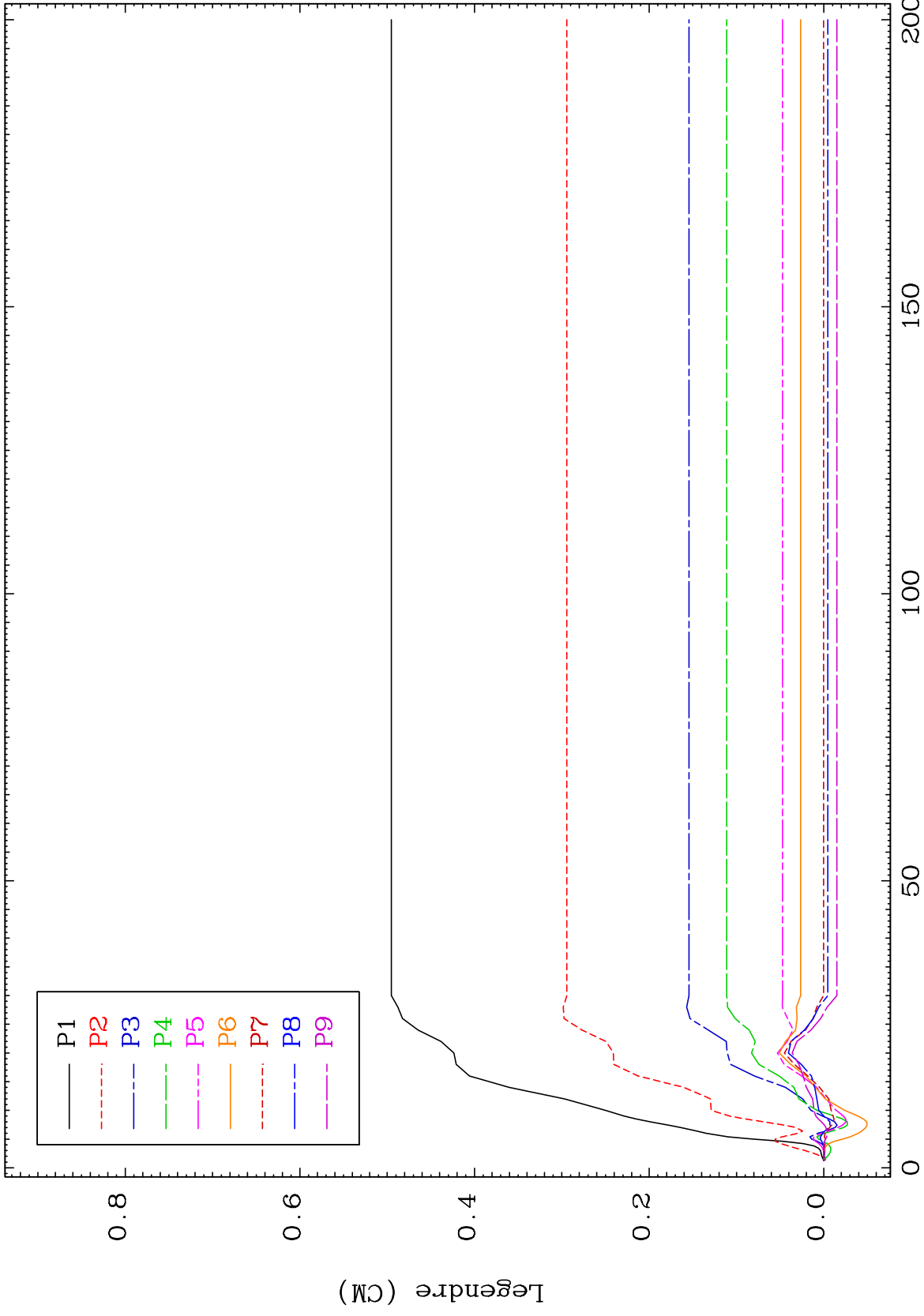








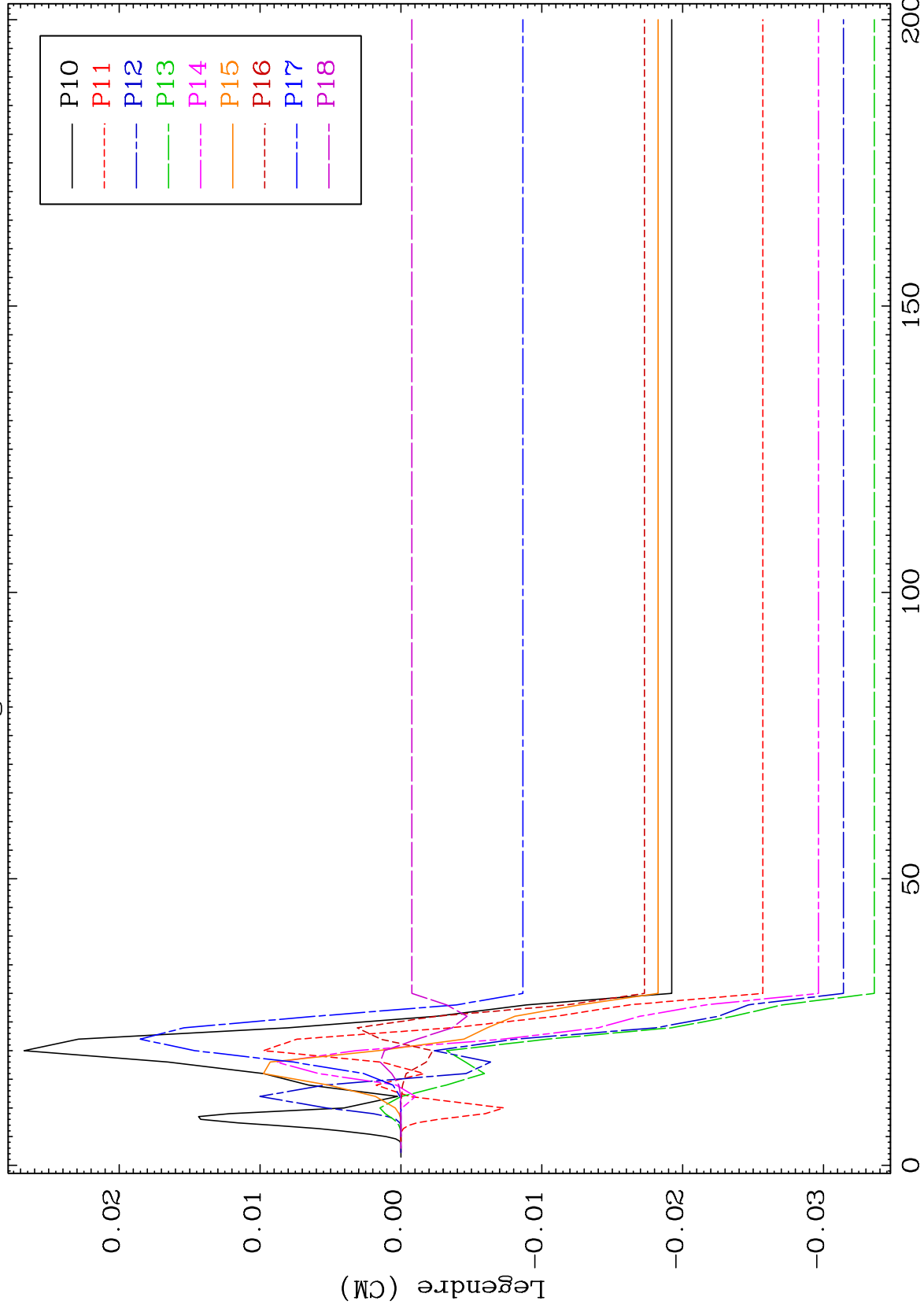




MAT 7431

1.221 MeV (n,n') Level
Legendre Coefficients

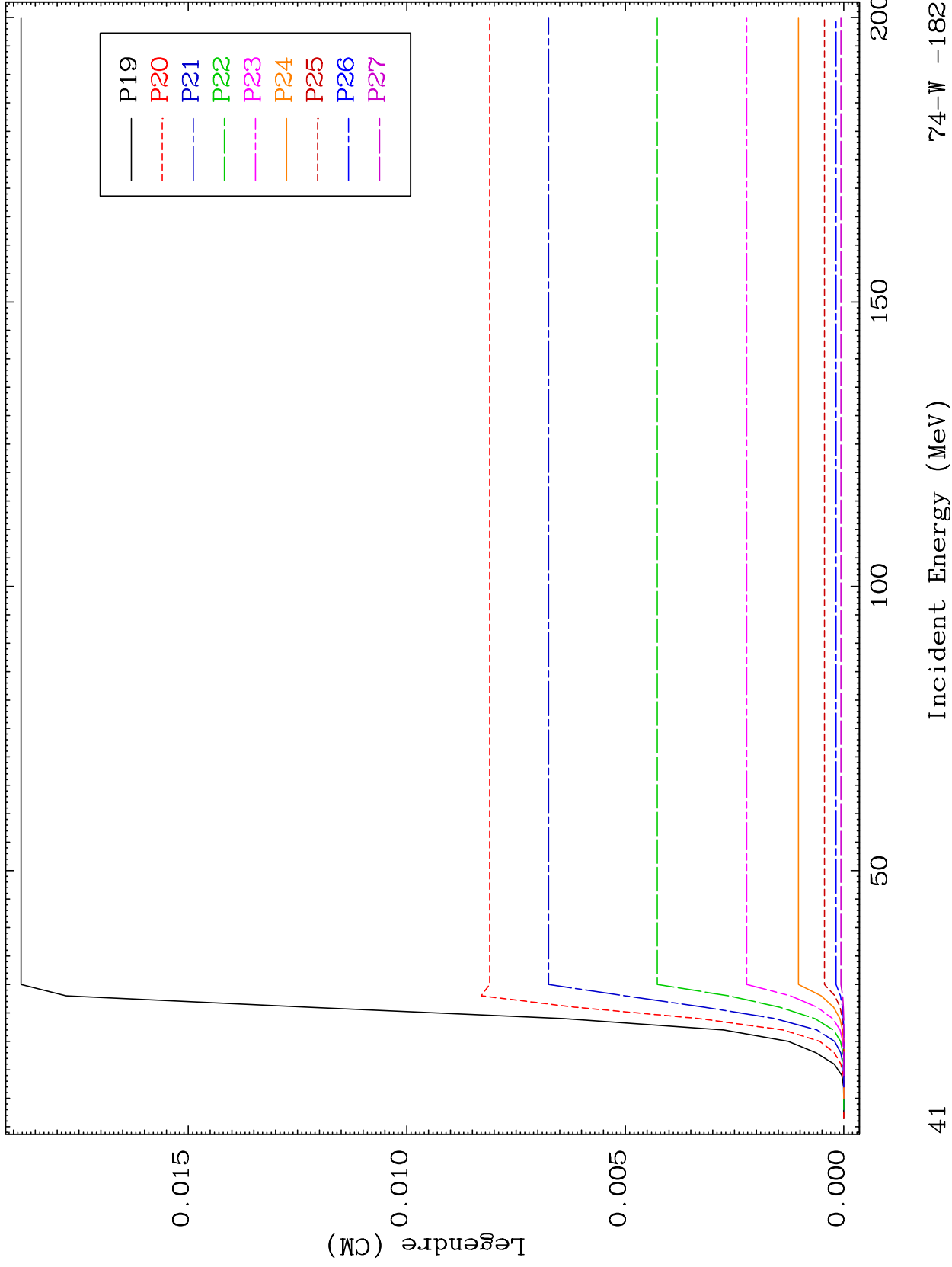
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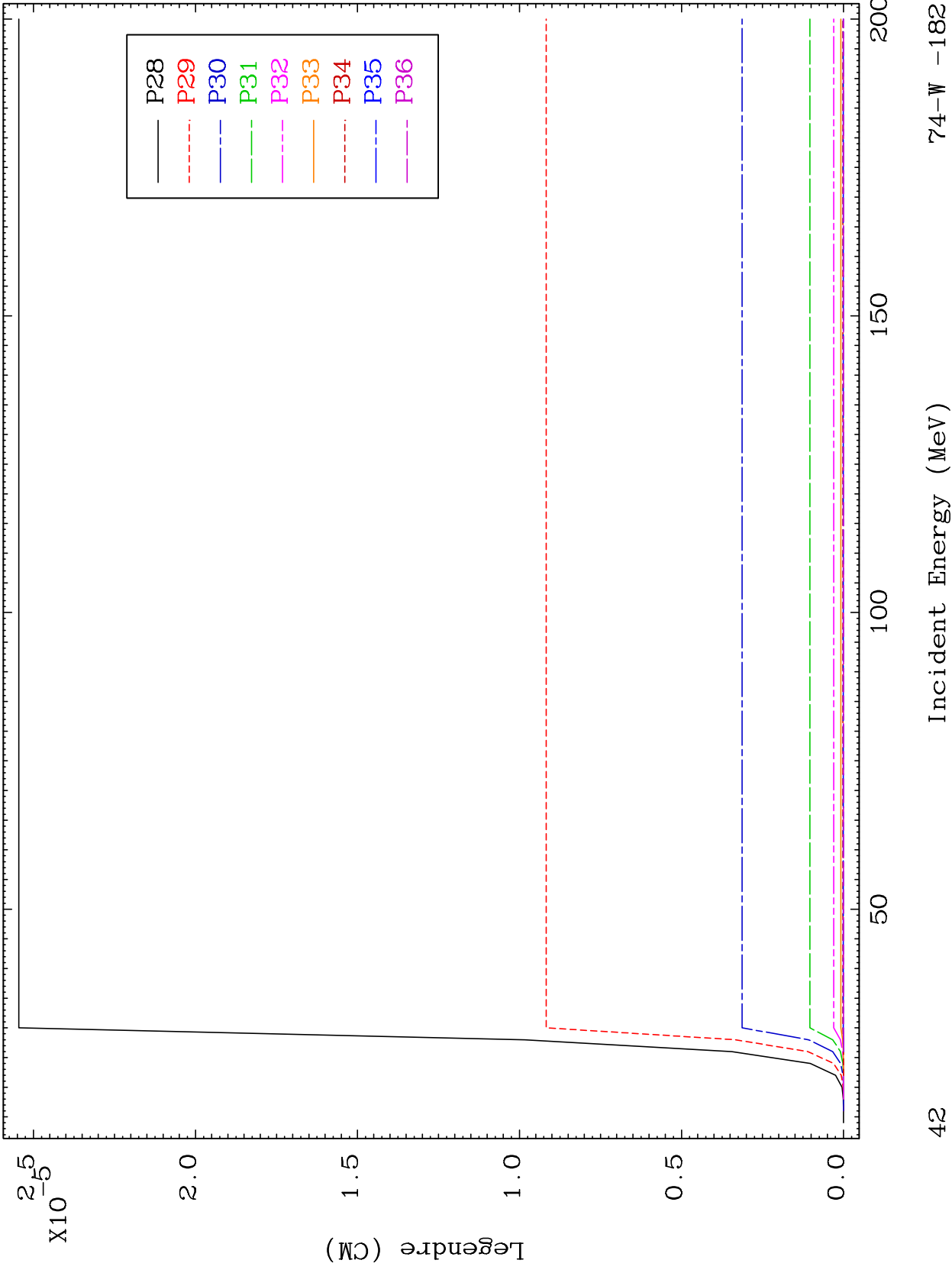


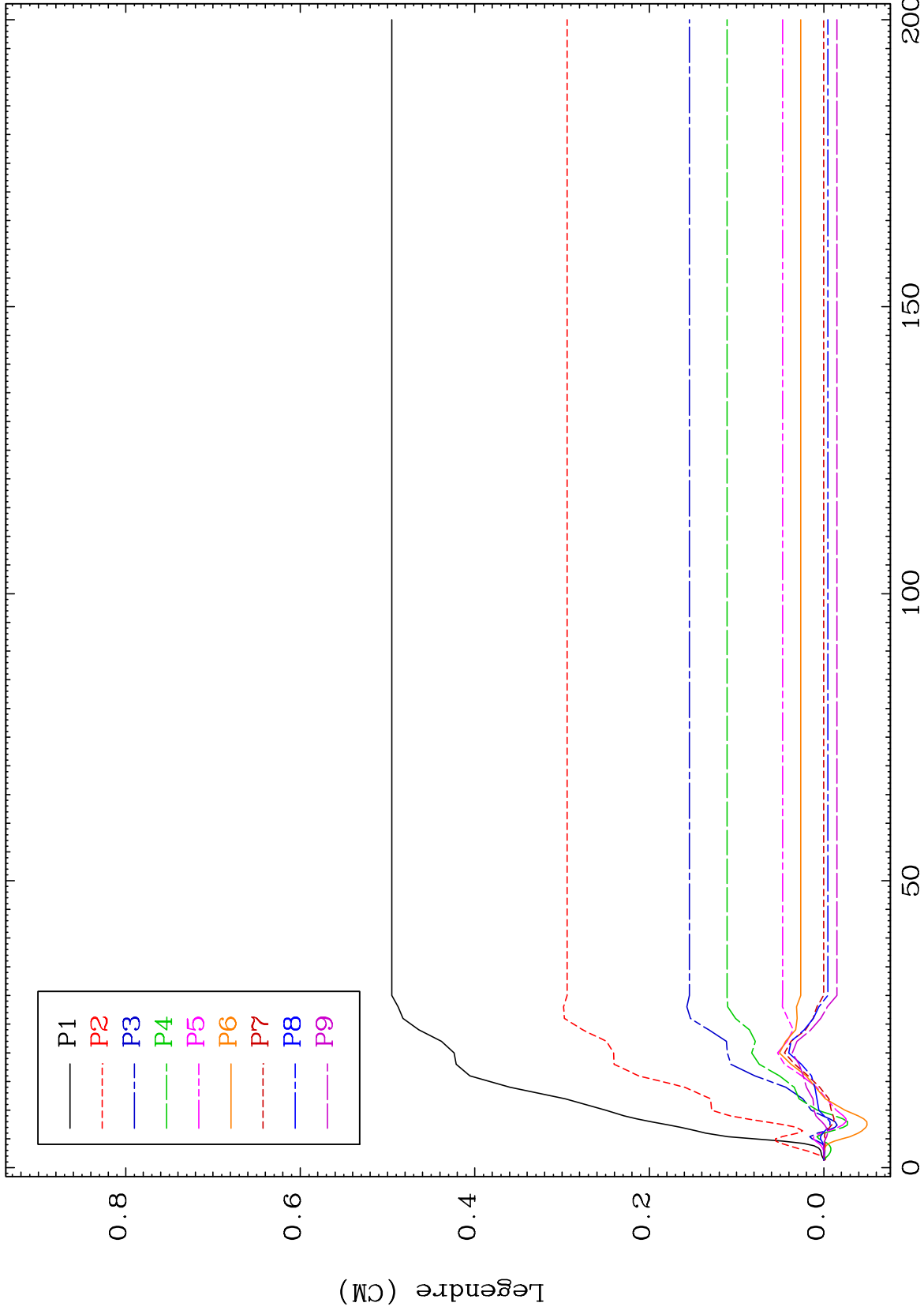
40

Incident Energy (MeV)

74-W -182



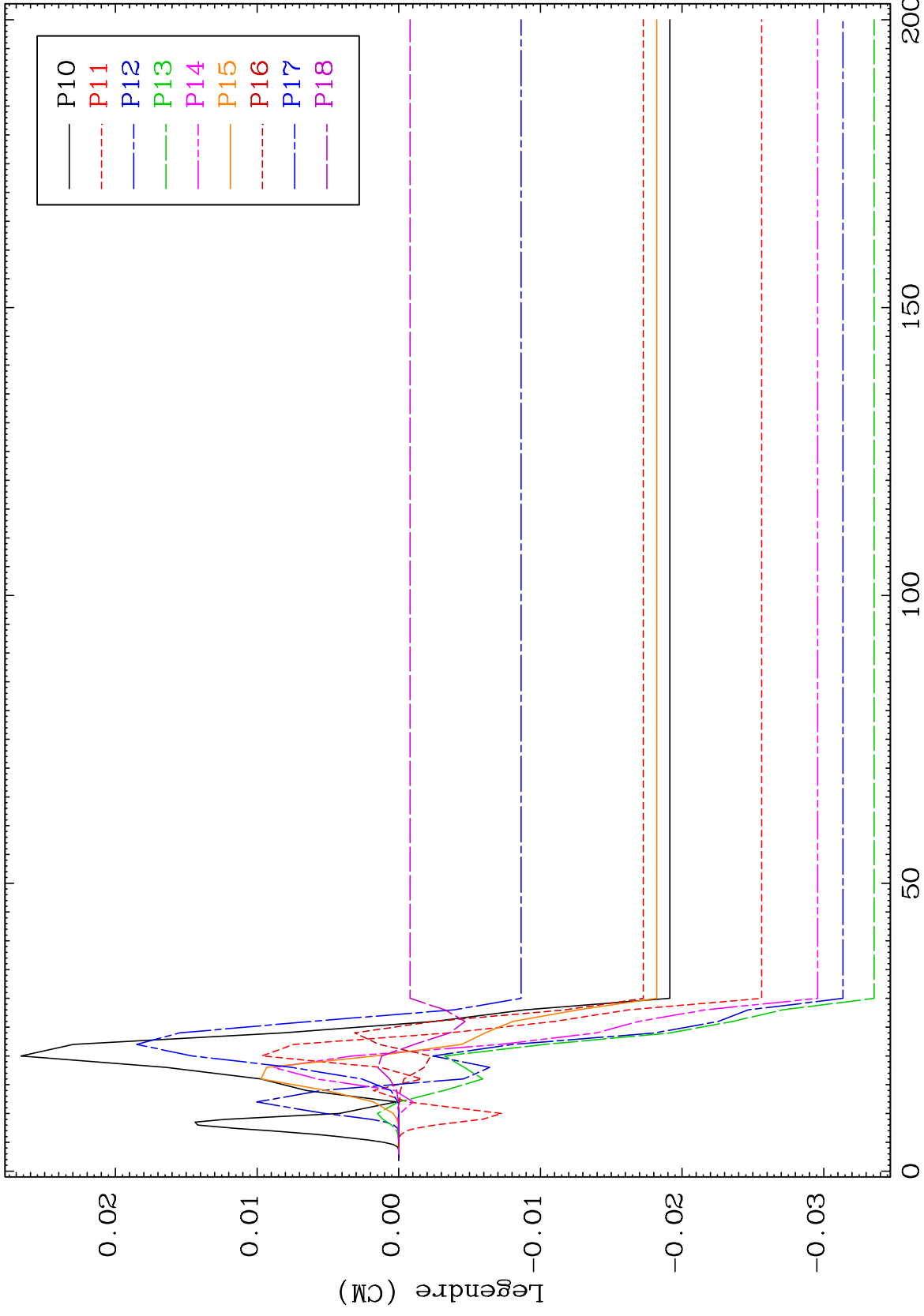




MAT 7431

1.257 MeV (n,n') Level
Legendre Coefficients

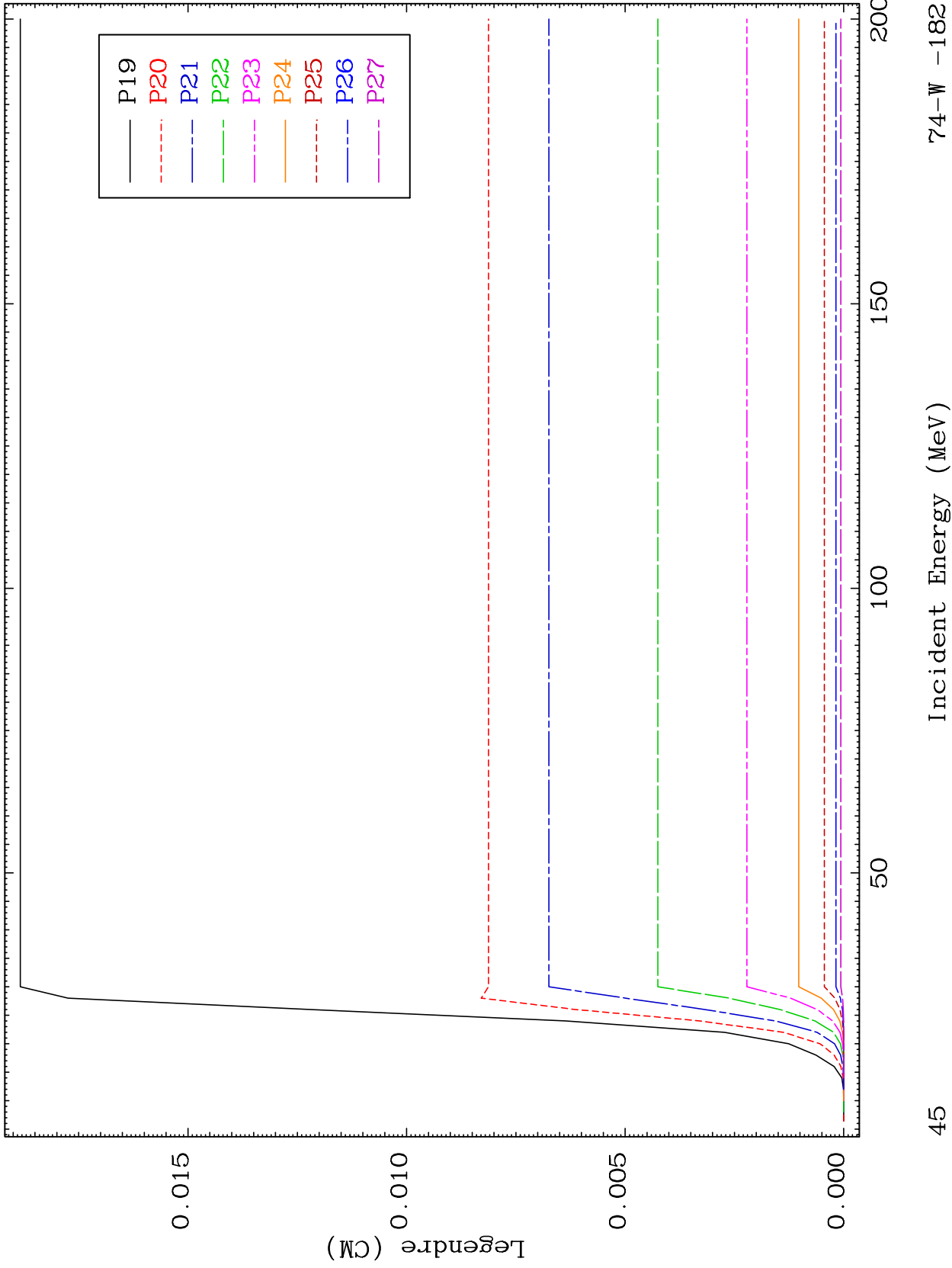
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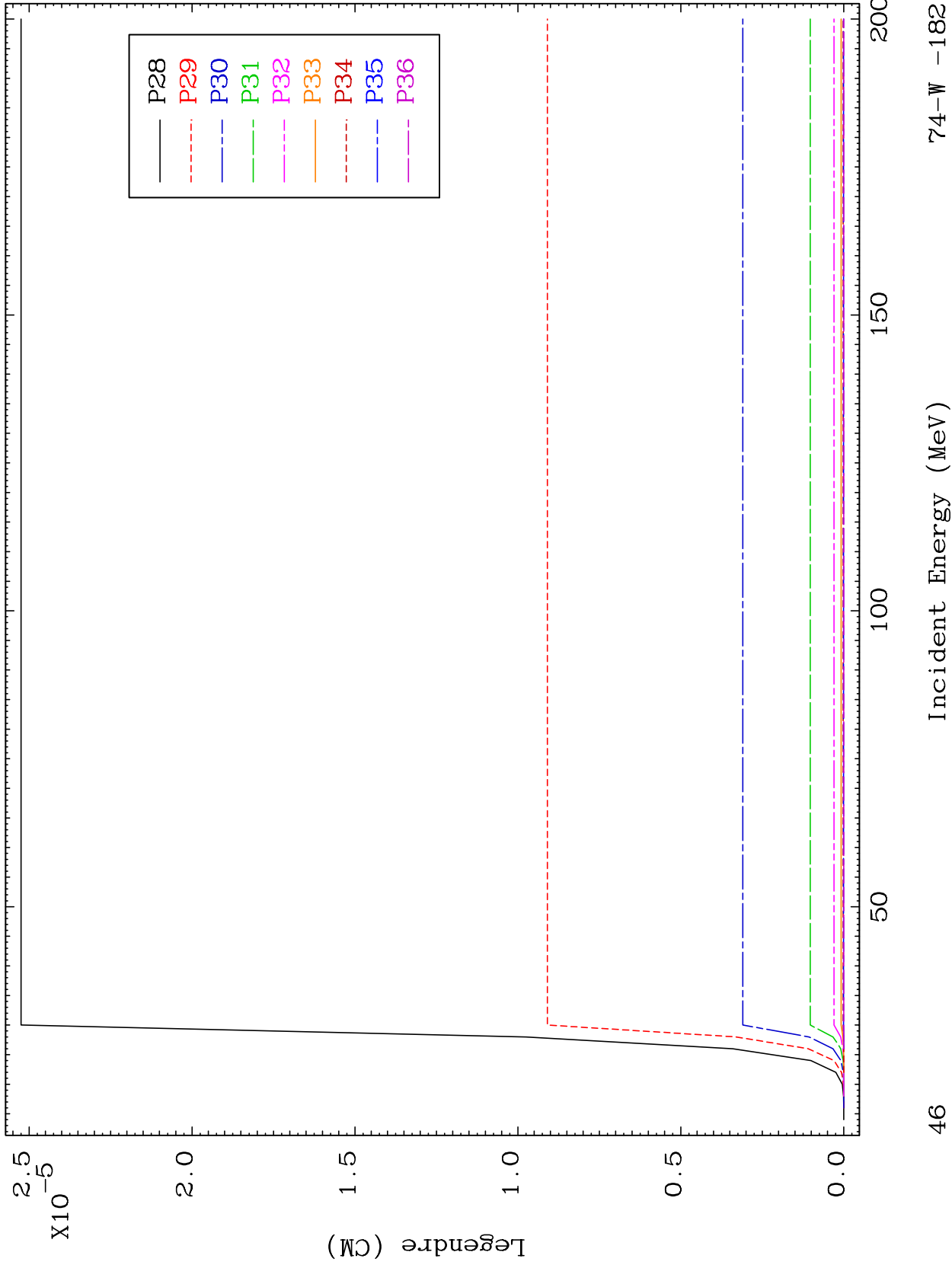


44

Incident Energy (MeV)

74-W -182

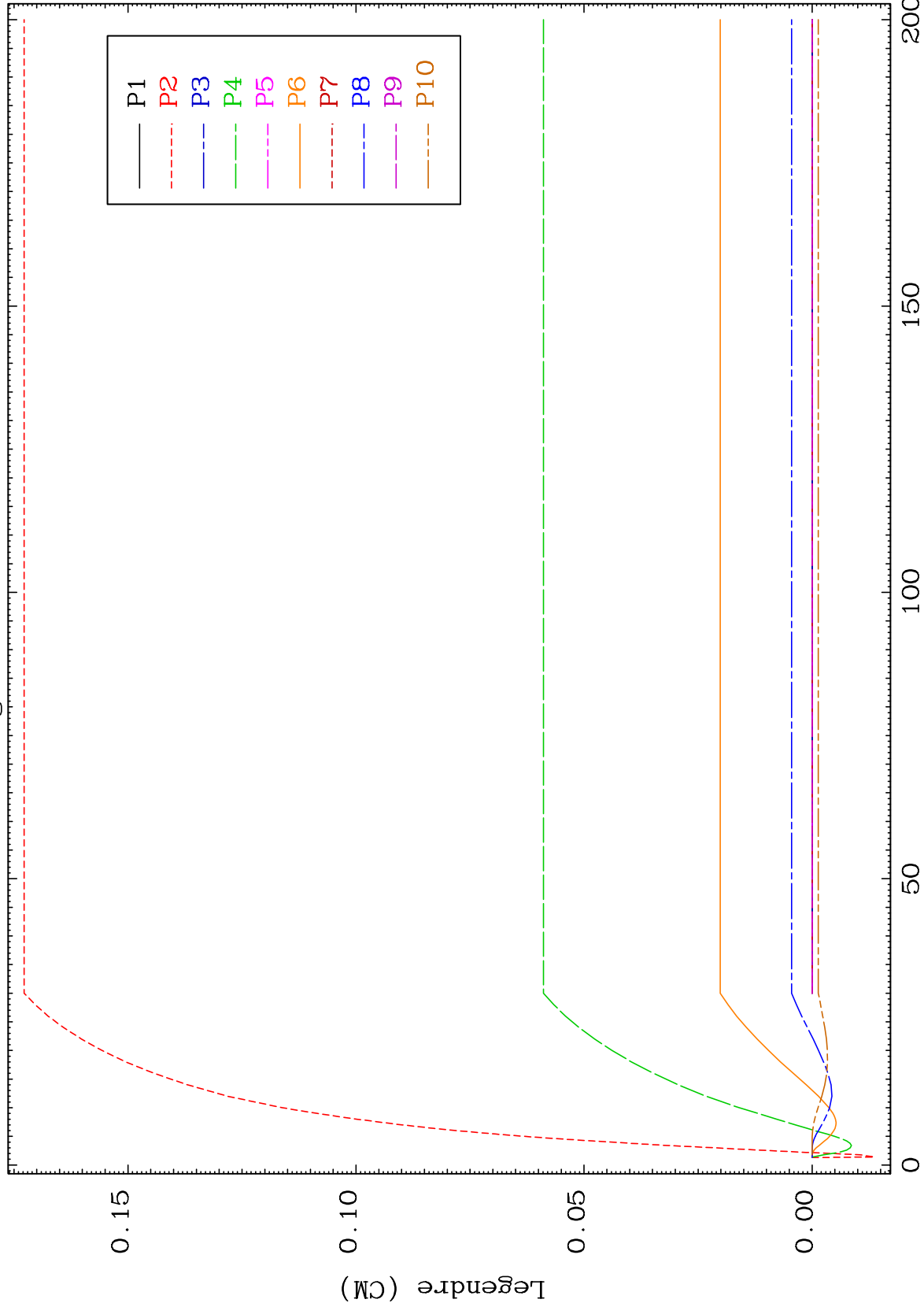




MAT 7431

1.289 MeV (n,n') Level
Legendre Coefficients

74-W -182



47

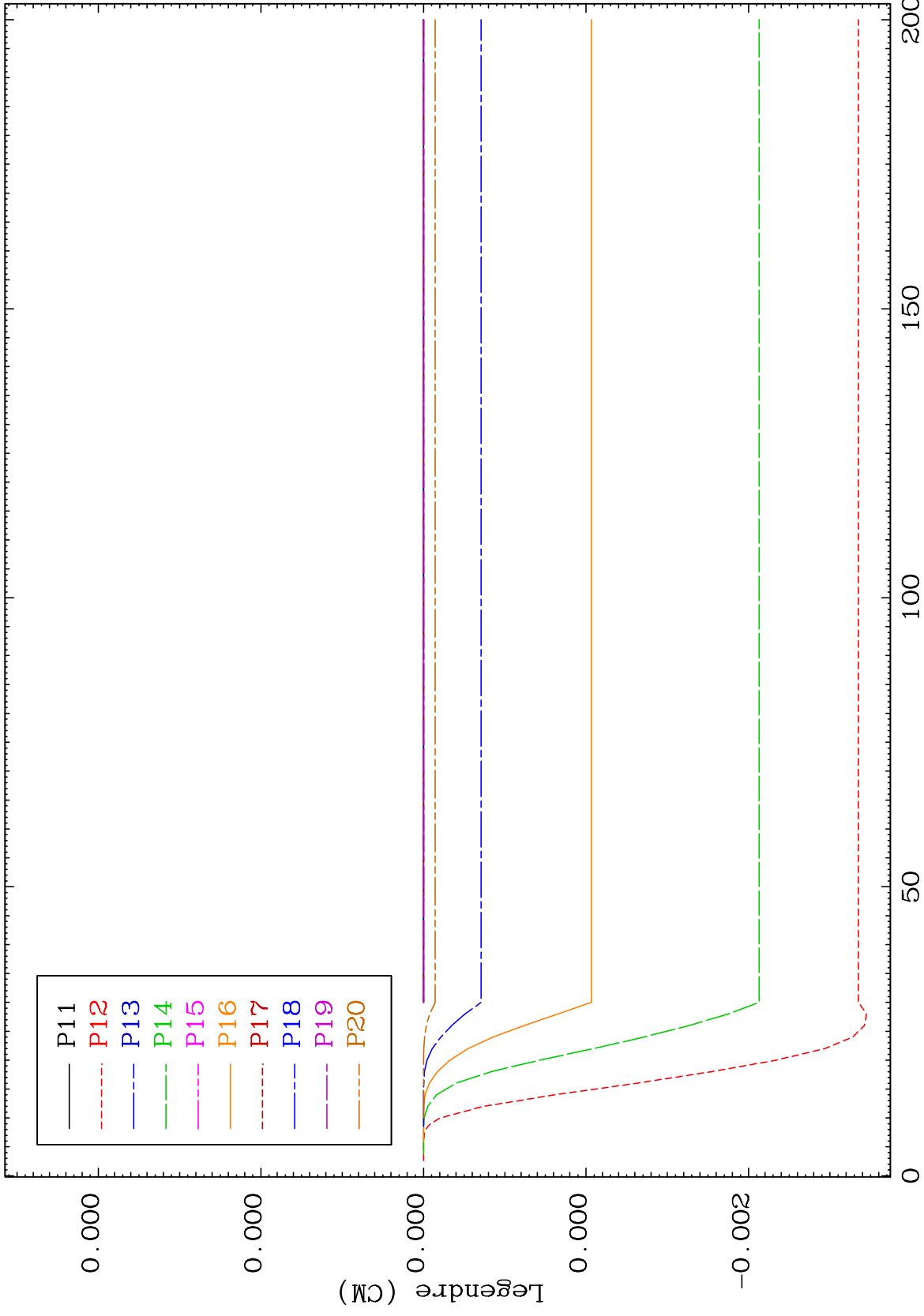
Incident Energy (MeV)

74-W -182

MAT 7431

1.289 MeV (n,n') Level
Legendre Coefficients

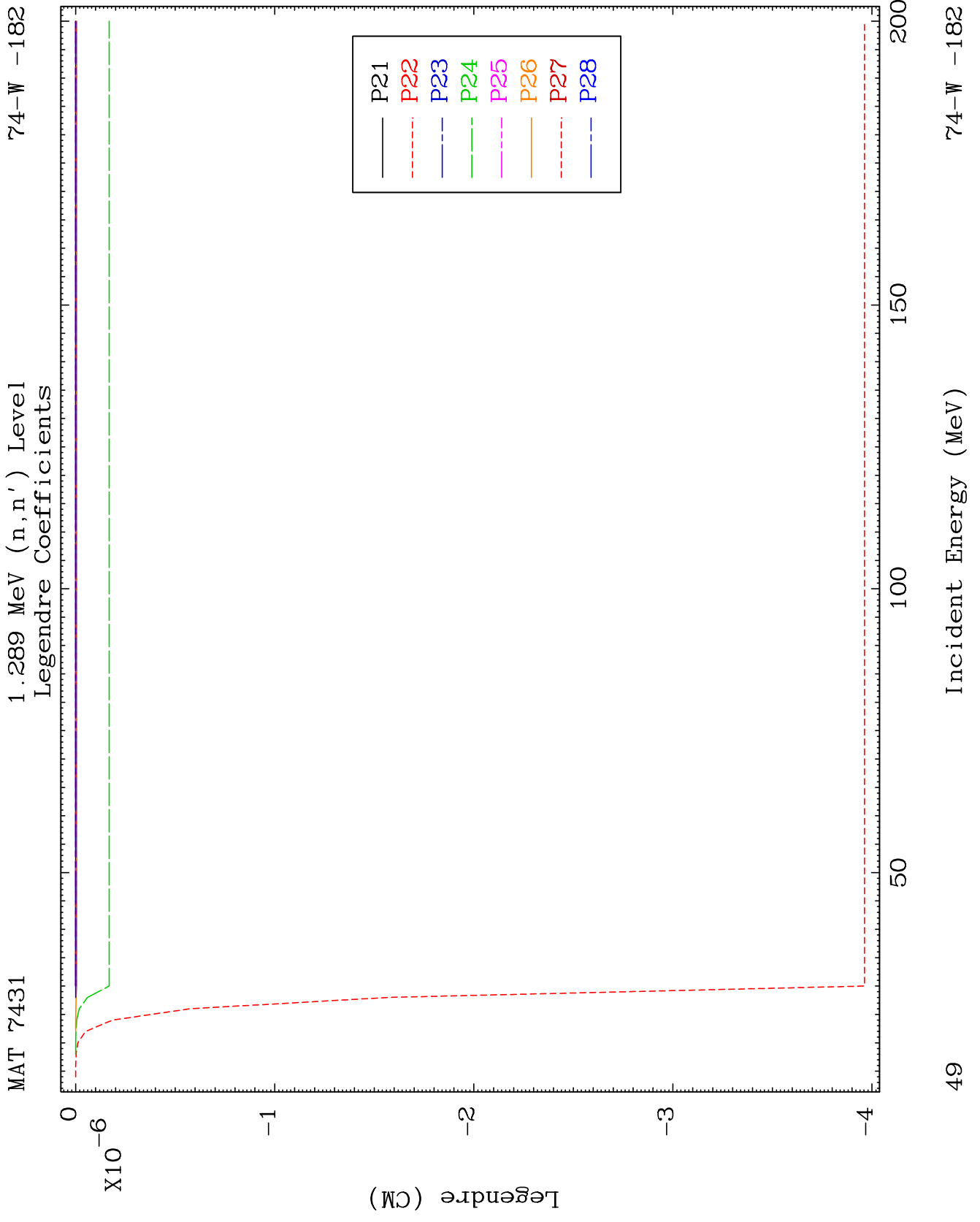
74-W -182



48

Incident Energy (MeV)

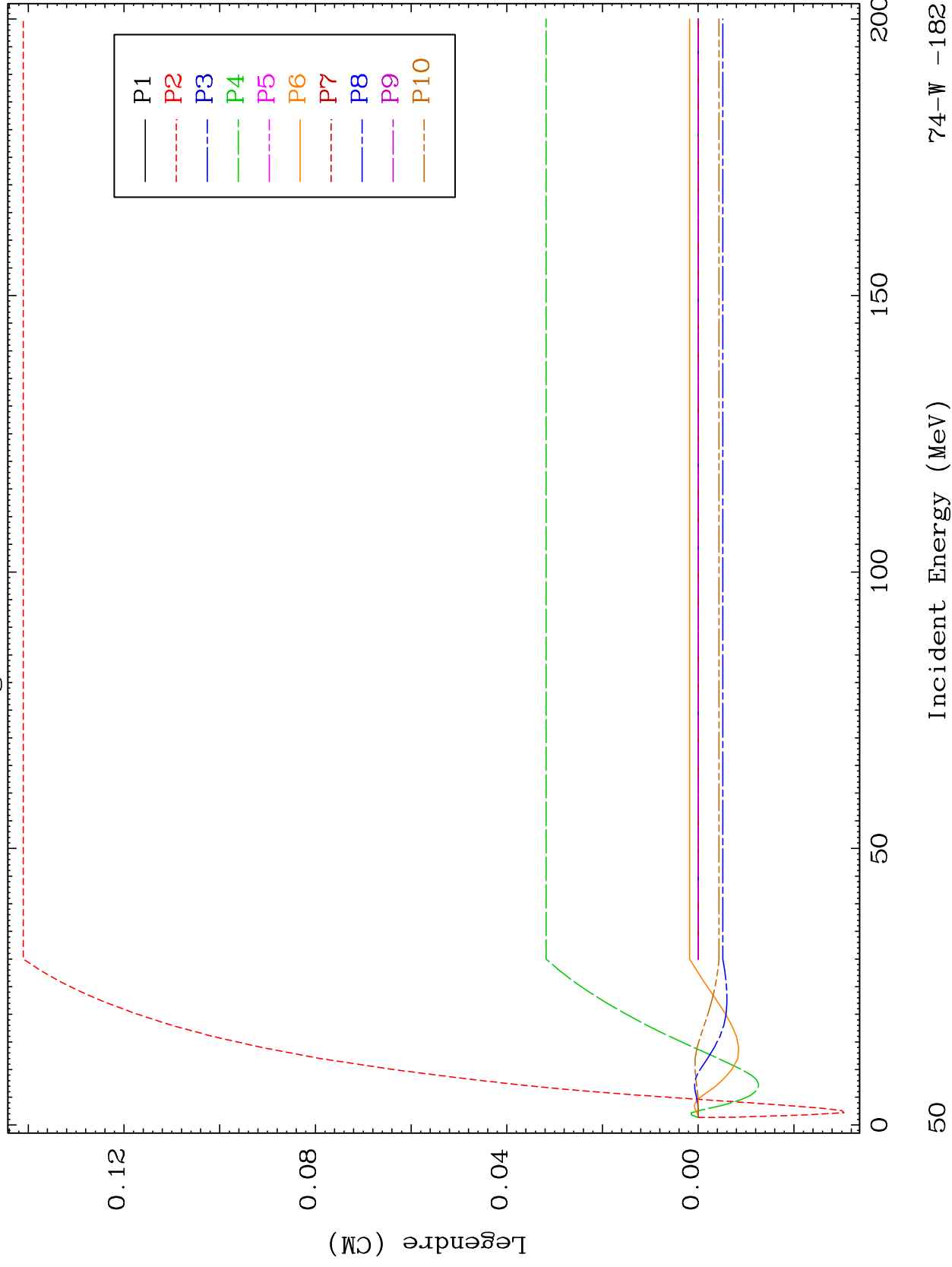
74-W -182



MAT 7431

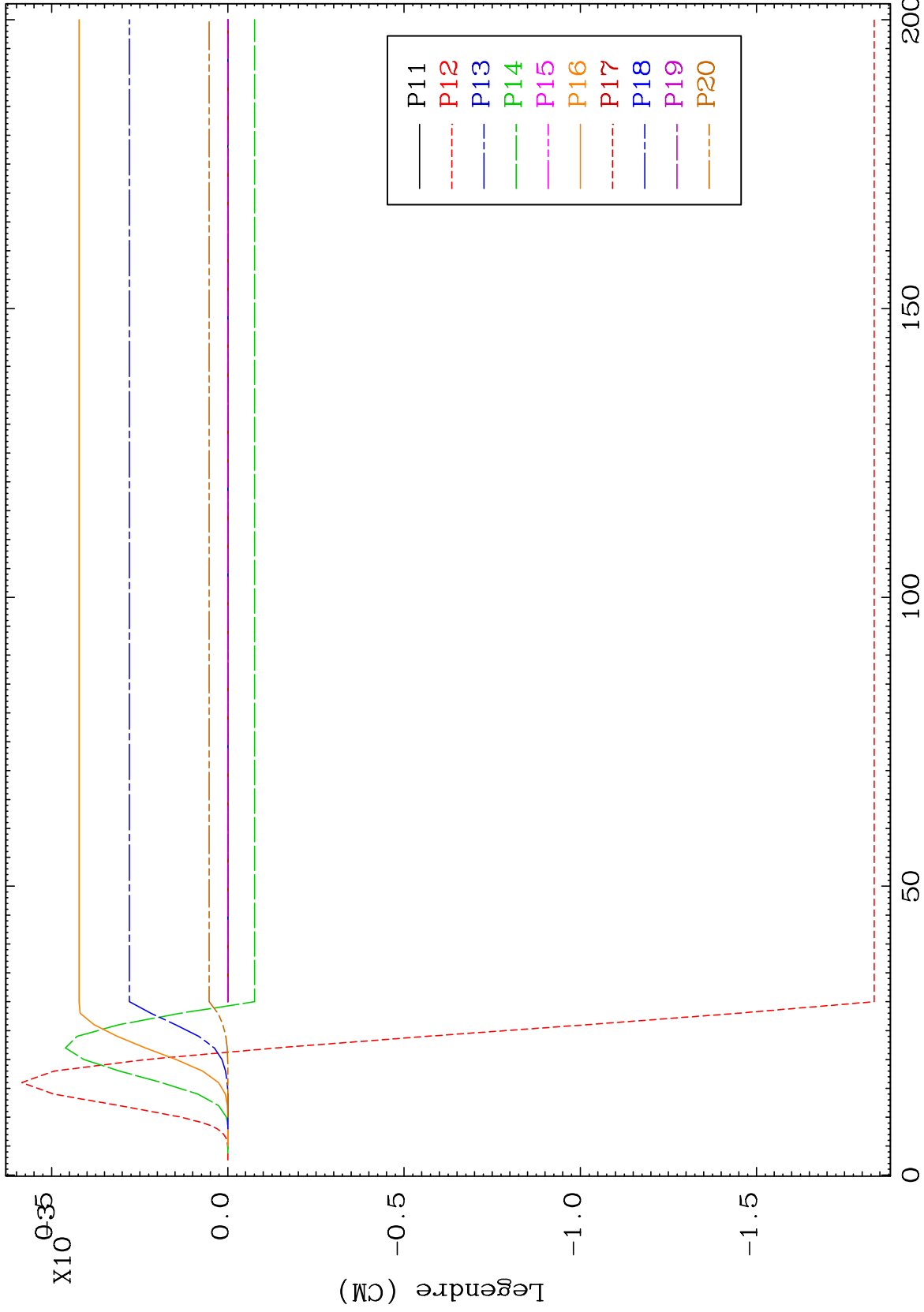
1.331 MeV (n,n') Level
Legendre Coefficients

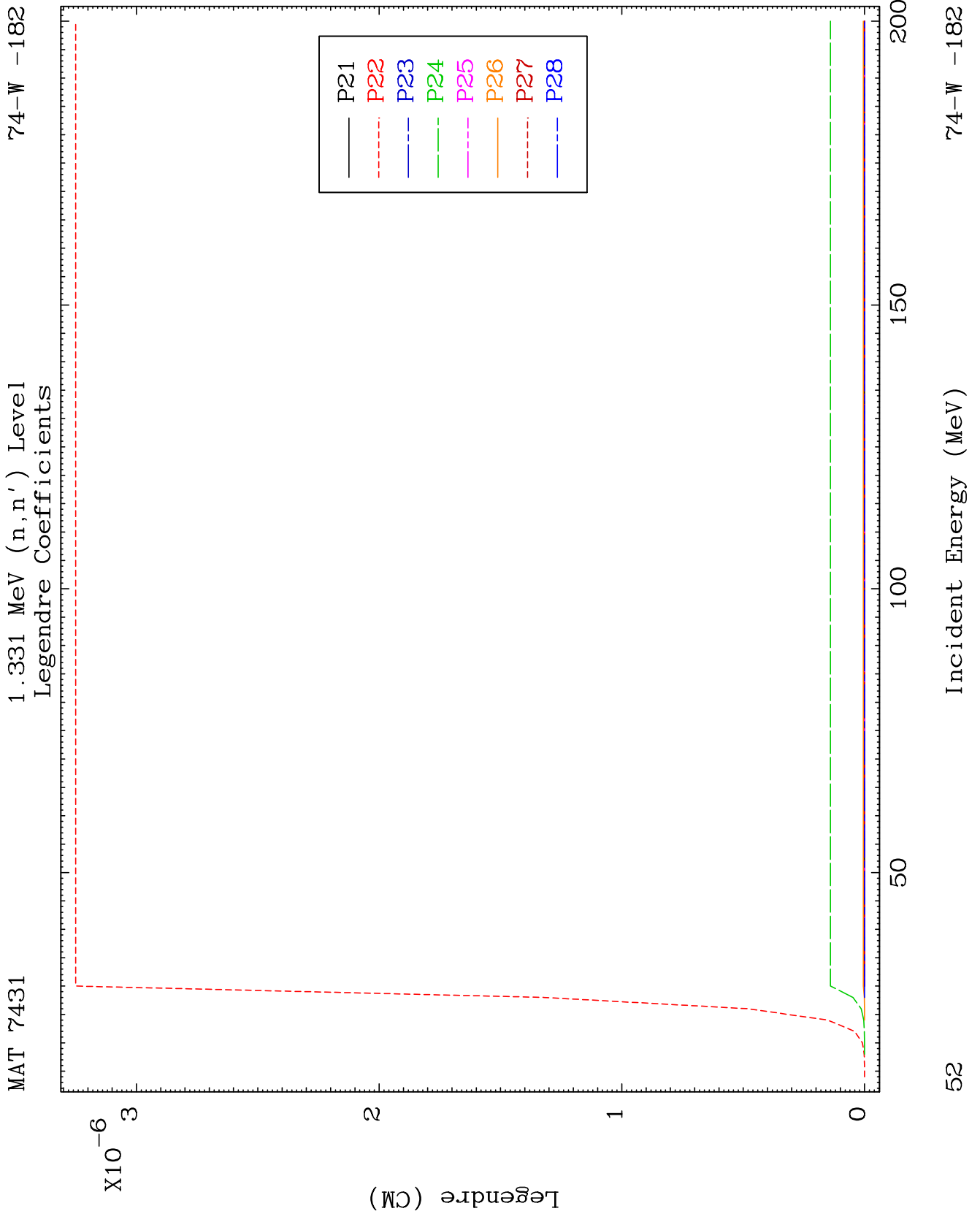
74-W -182



74-W -182

Incident Energy (MeV)

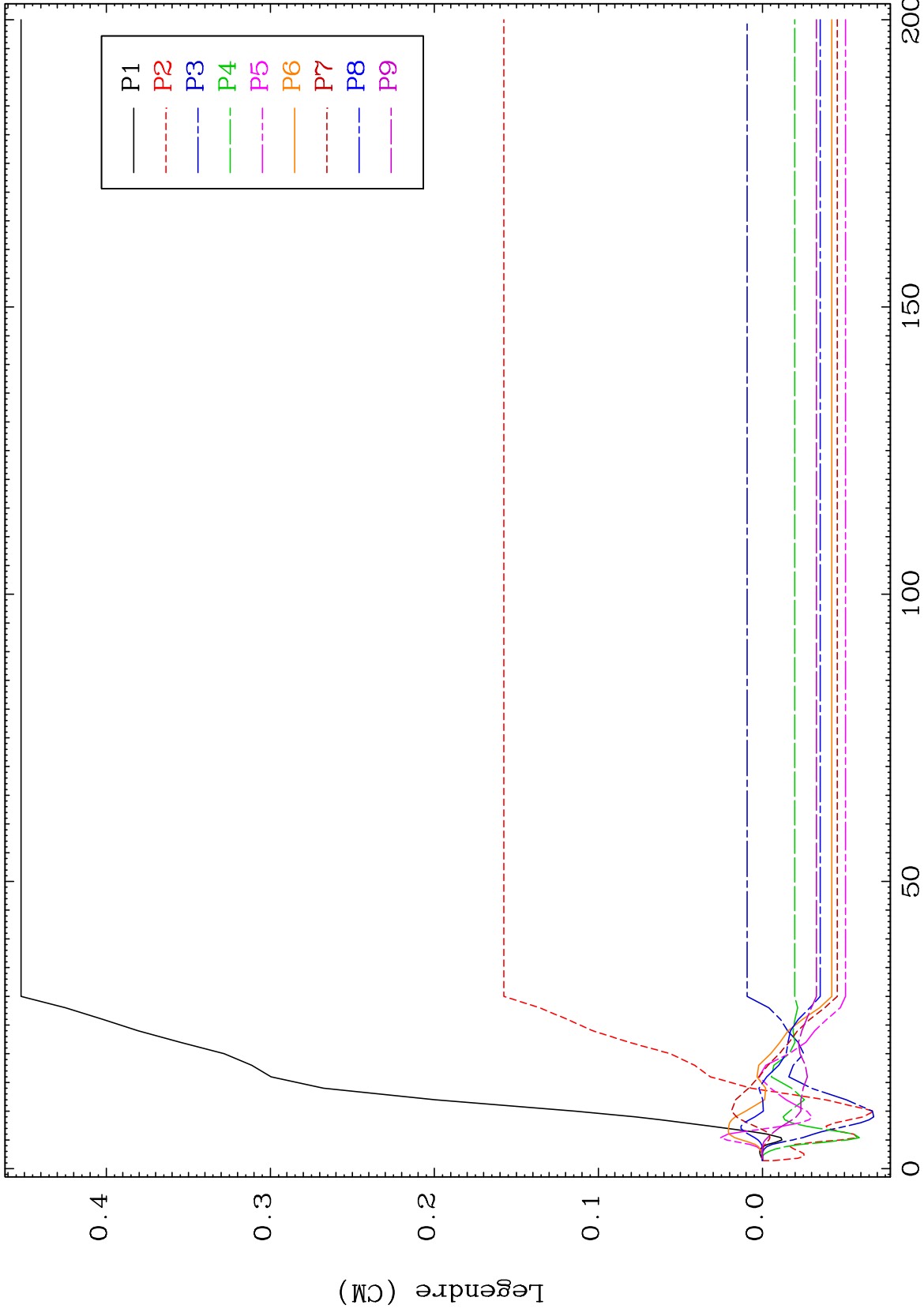




MAT 7431

1.374 MeV (n,n') Level
Legendre Coefficients

74-W -182



53

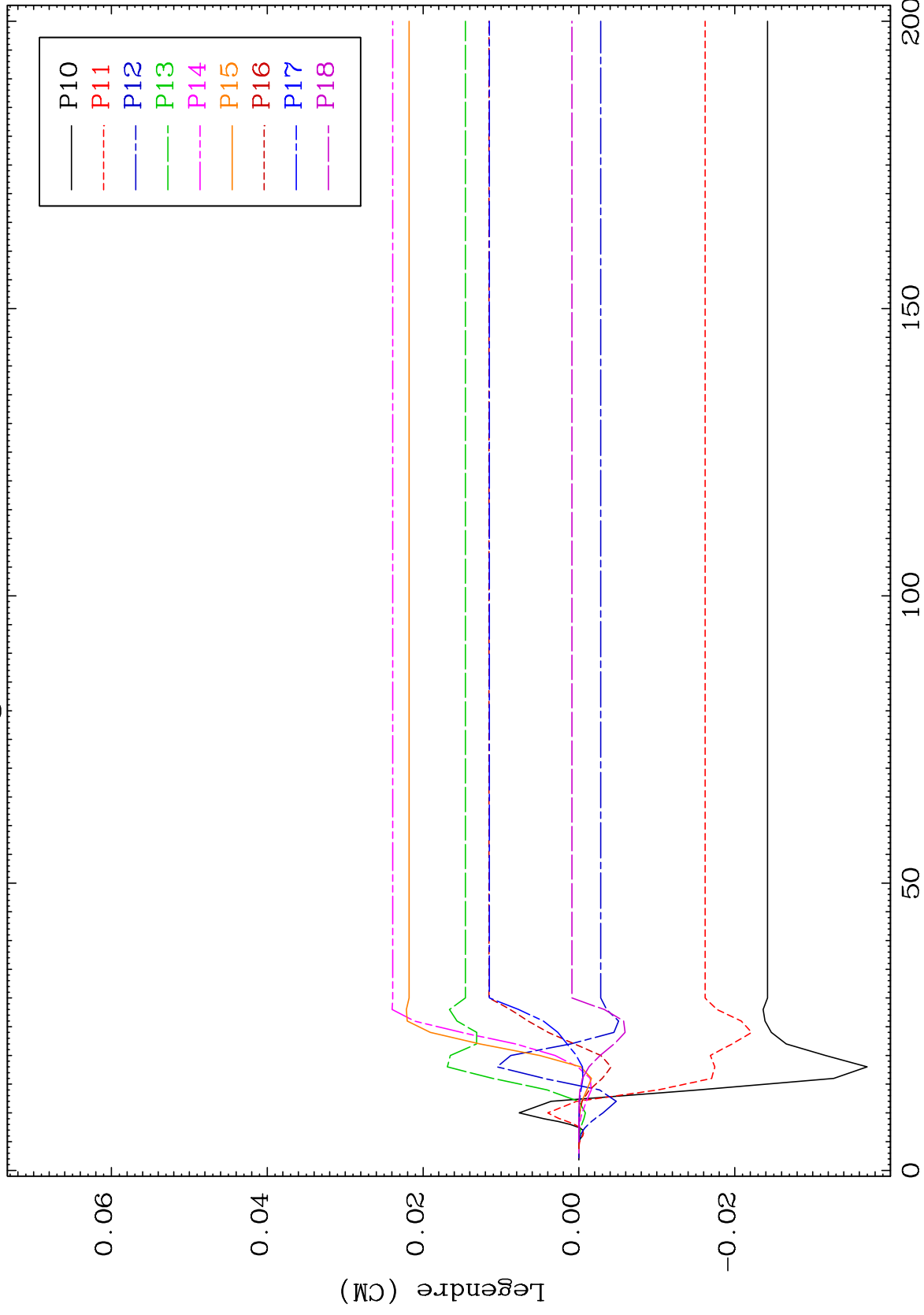
Incident Energy (MeV)

74-W -182

MAT 7431

1.374 MeV (n,n') Level
Legendre Coefficients

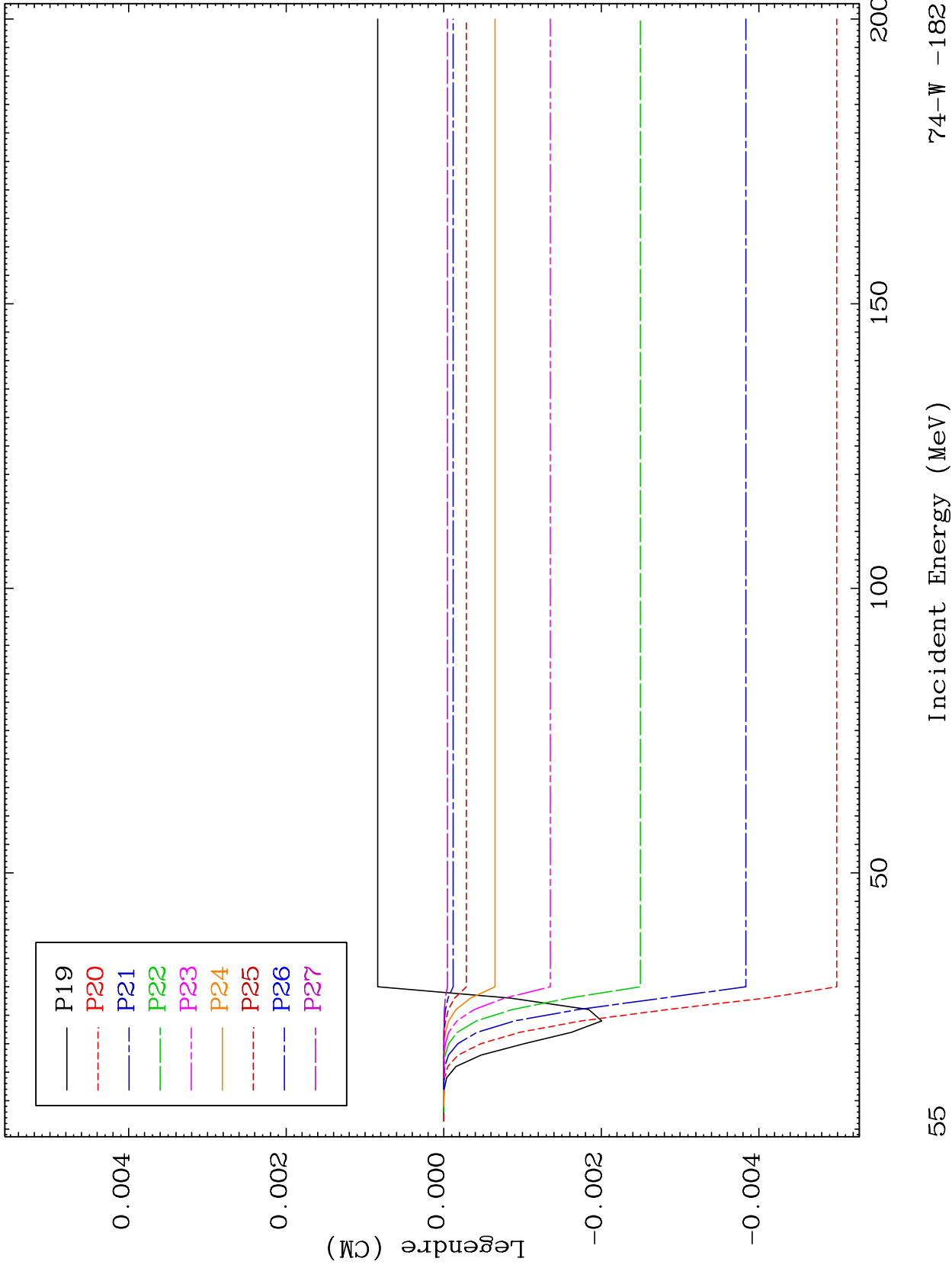
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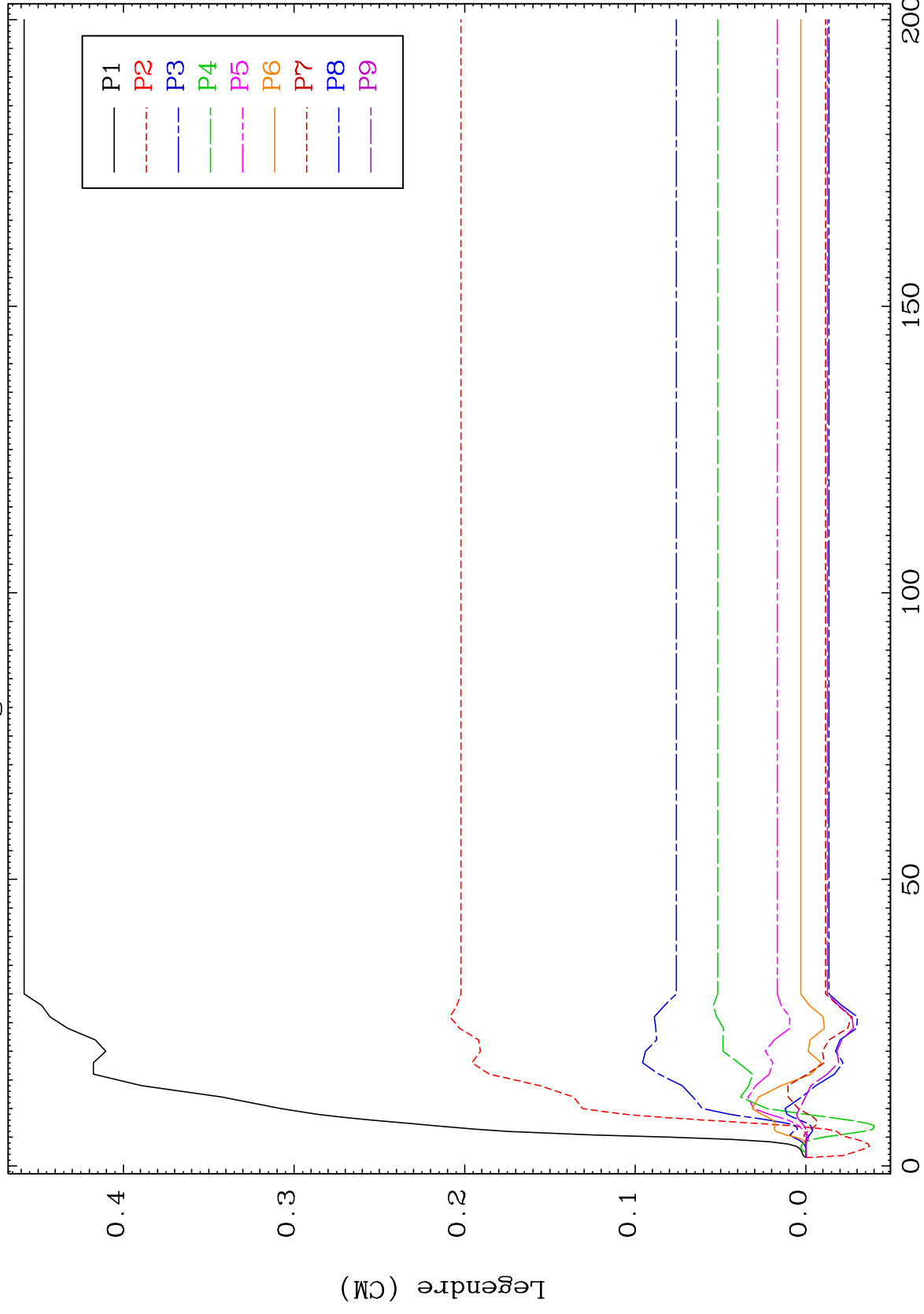


54

Incident Energy (MeV)

74-W -182

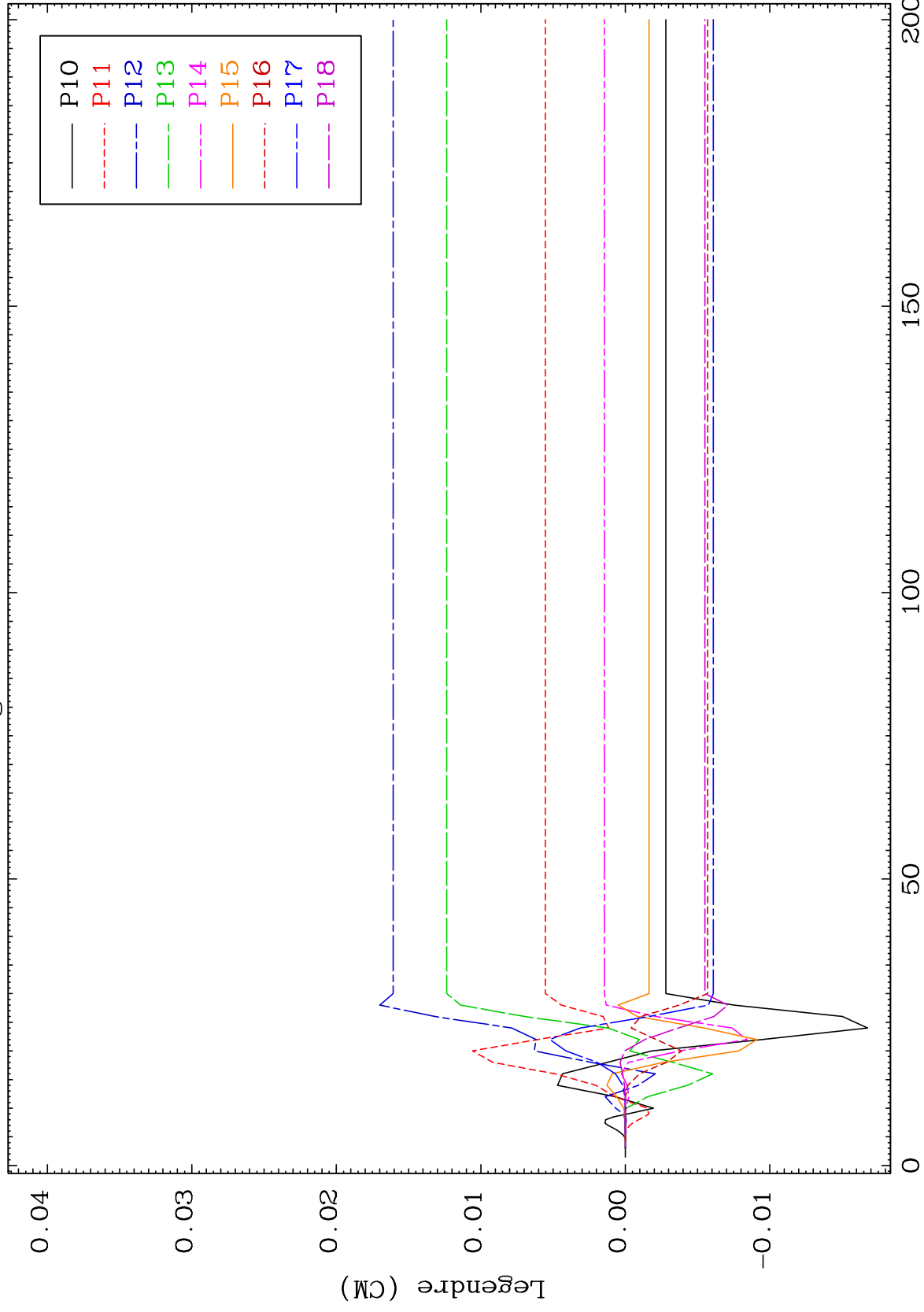




MAT 7431

1.443 MeV (n,n') Level
Legendre Coefficients

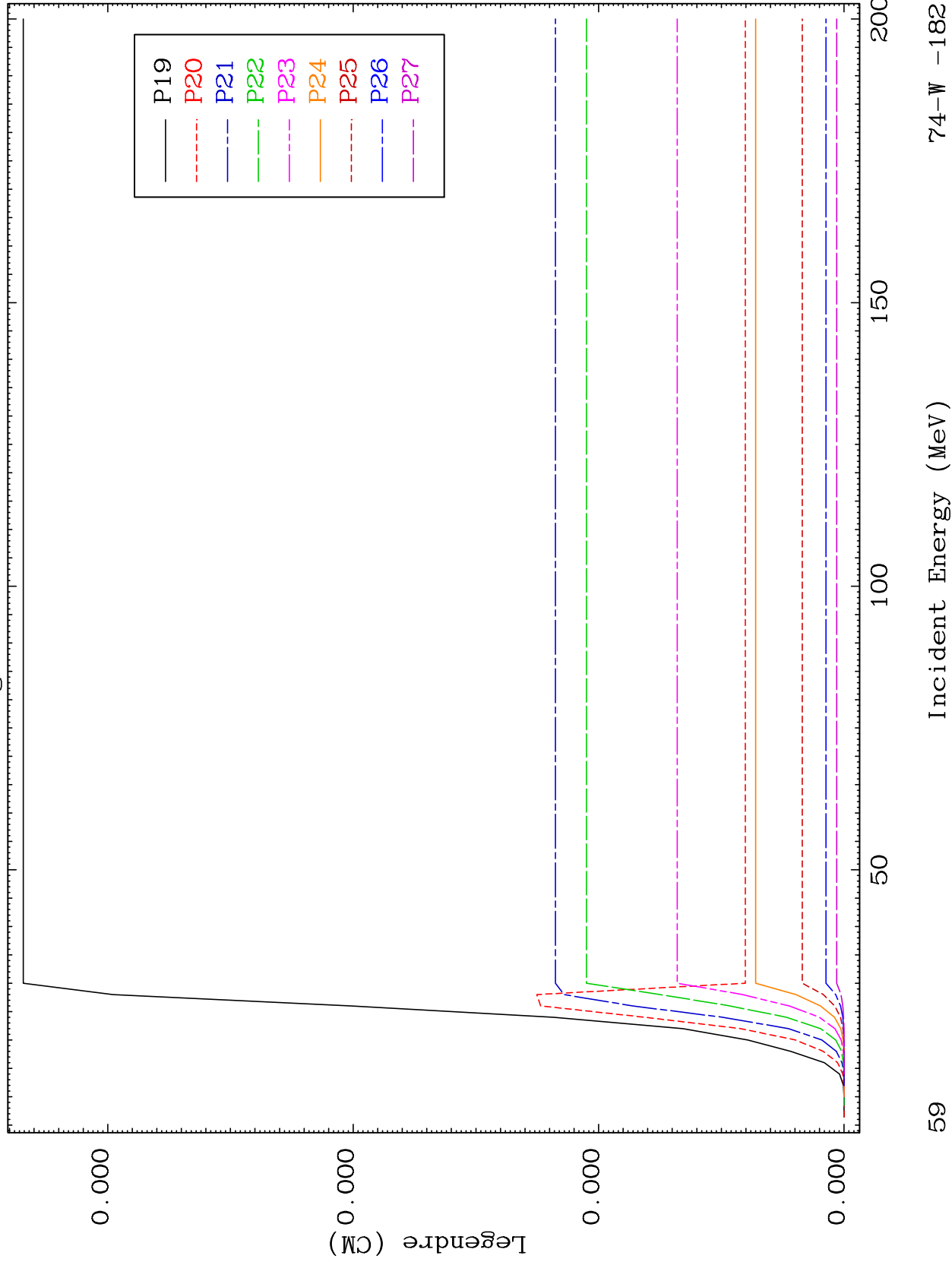
74-W -182



58

Incident Energy (MeV)

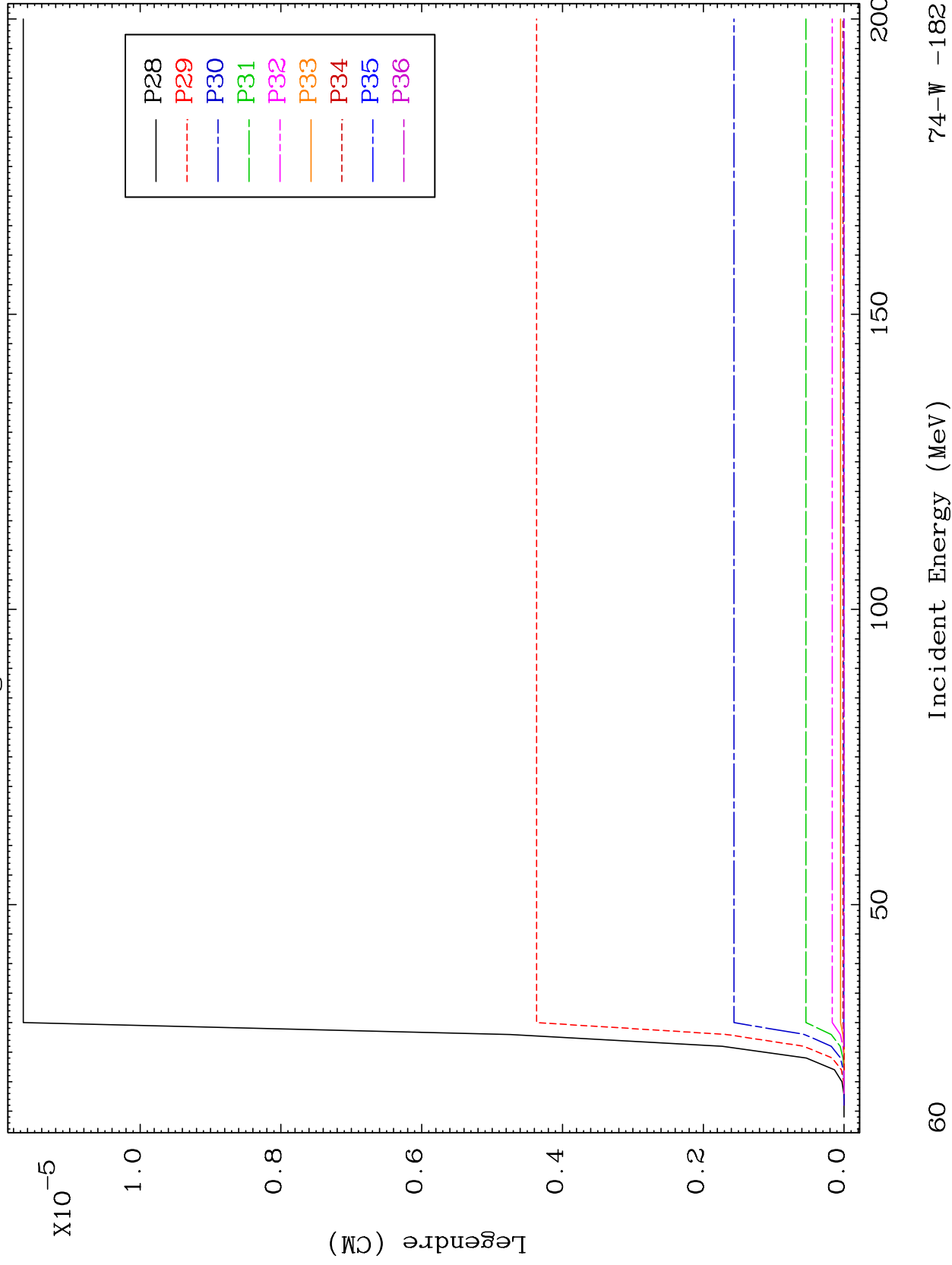
74-W -182



MAT 7431

1.443 MeV (n,n') Level
Legendre Coefficients

74-W -182



74-W -182

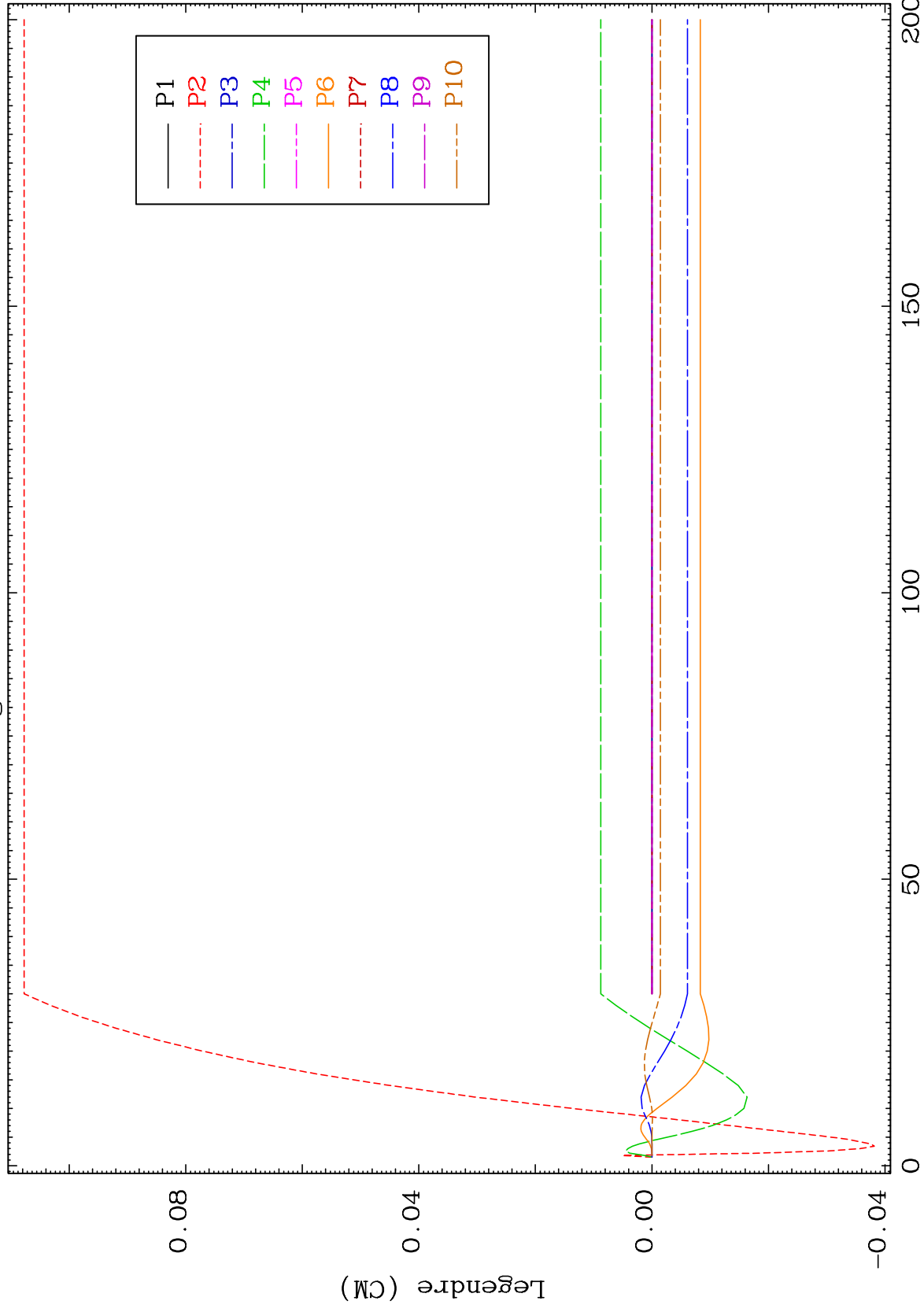
Incident Energy (MeV)

60

MAT 7431

1.487 MeV (n,n') Level
Legendre Coefficients

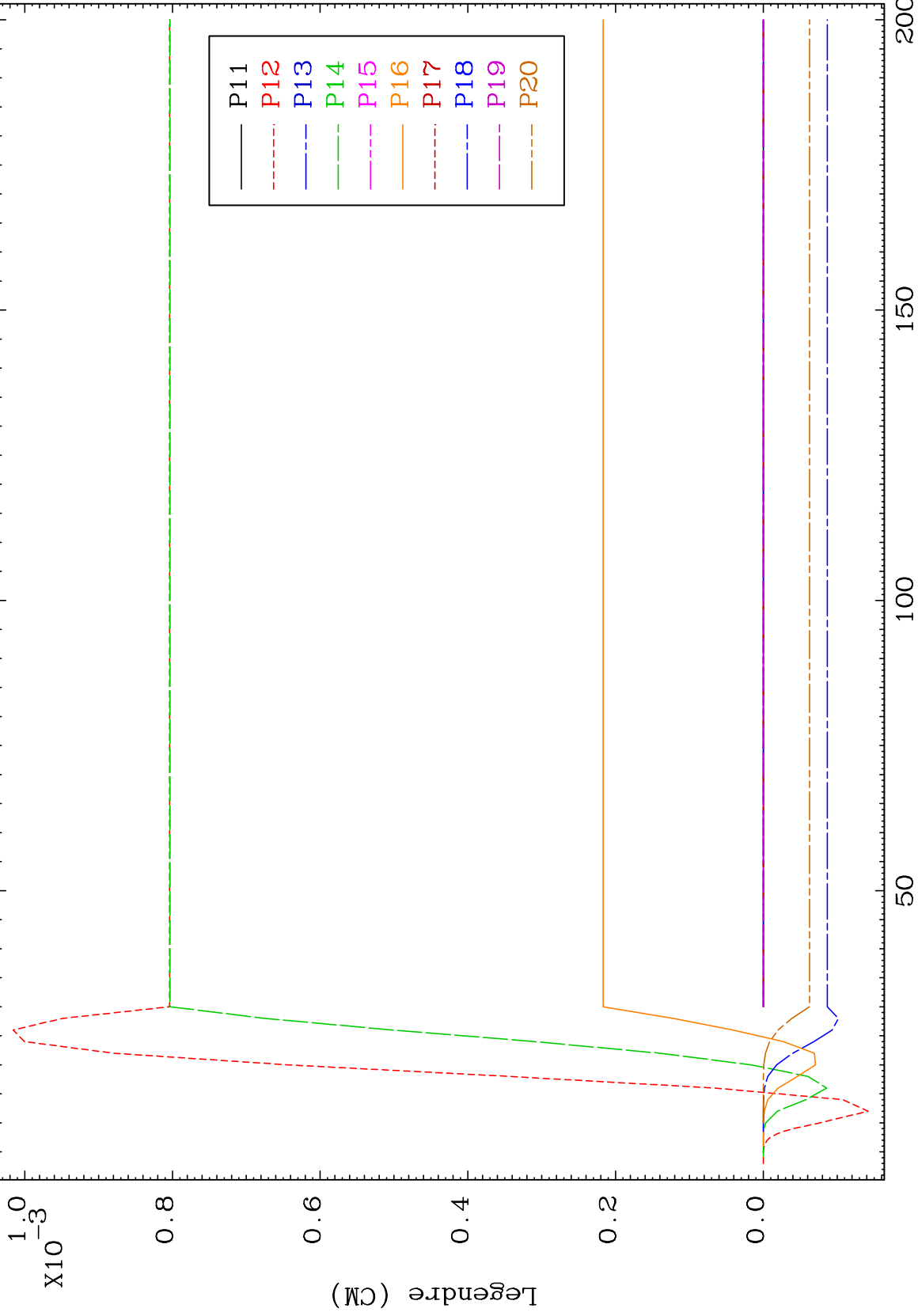
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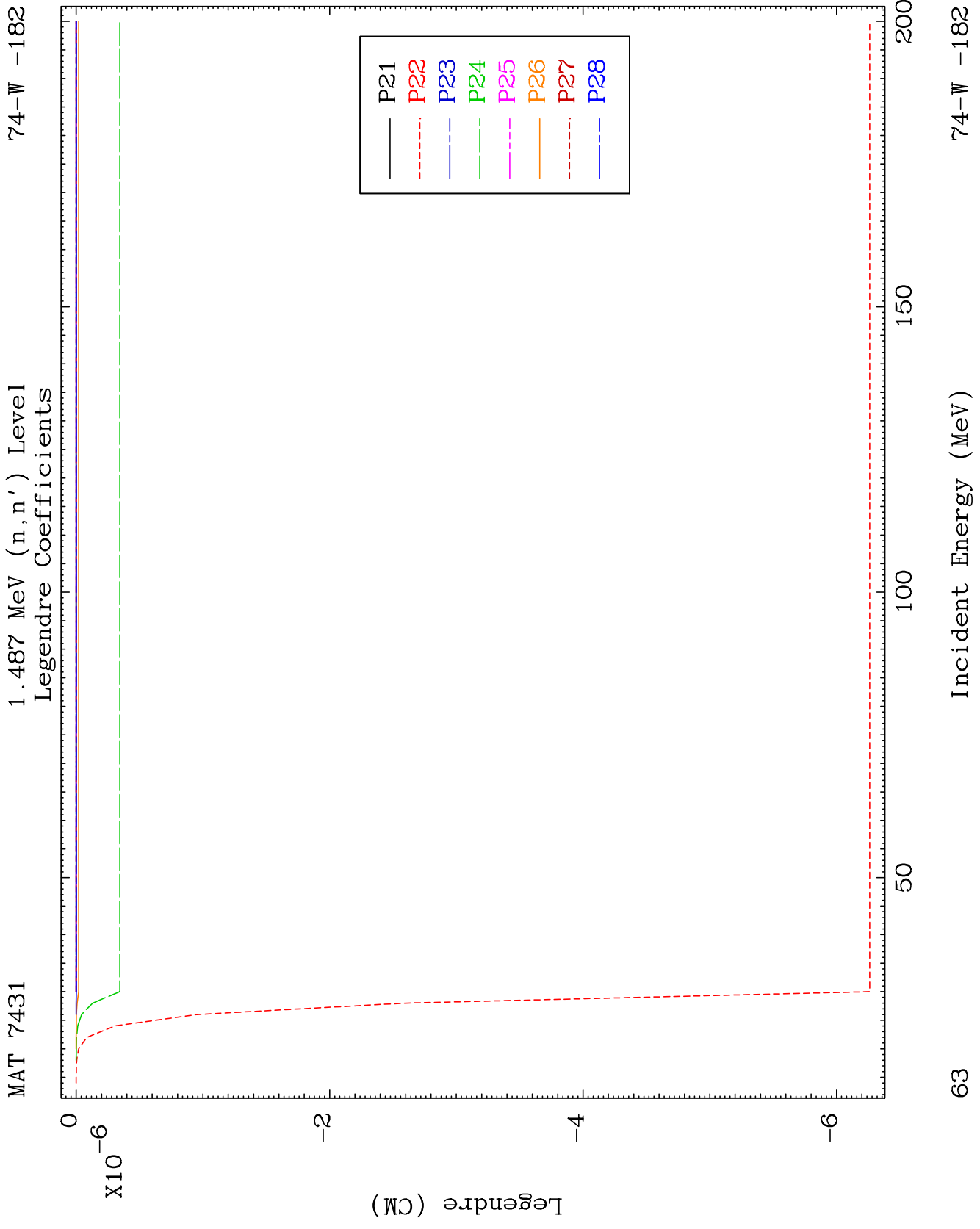


61

Incident Energy (MeV)

74-W -182

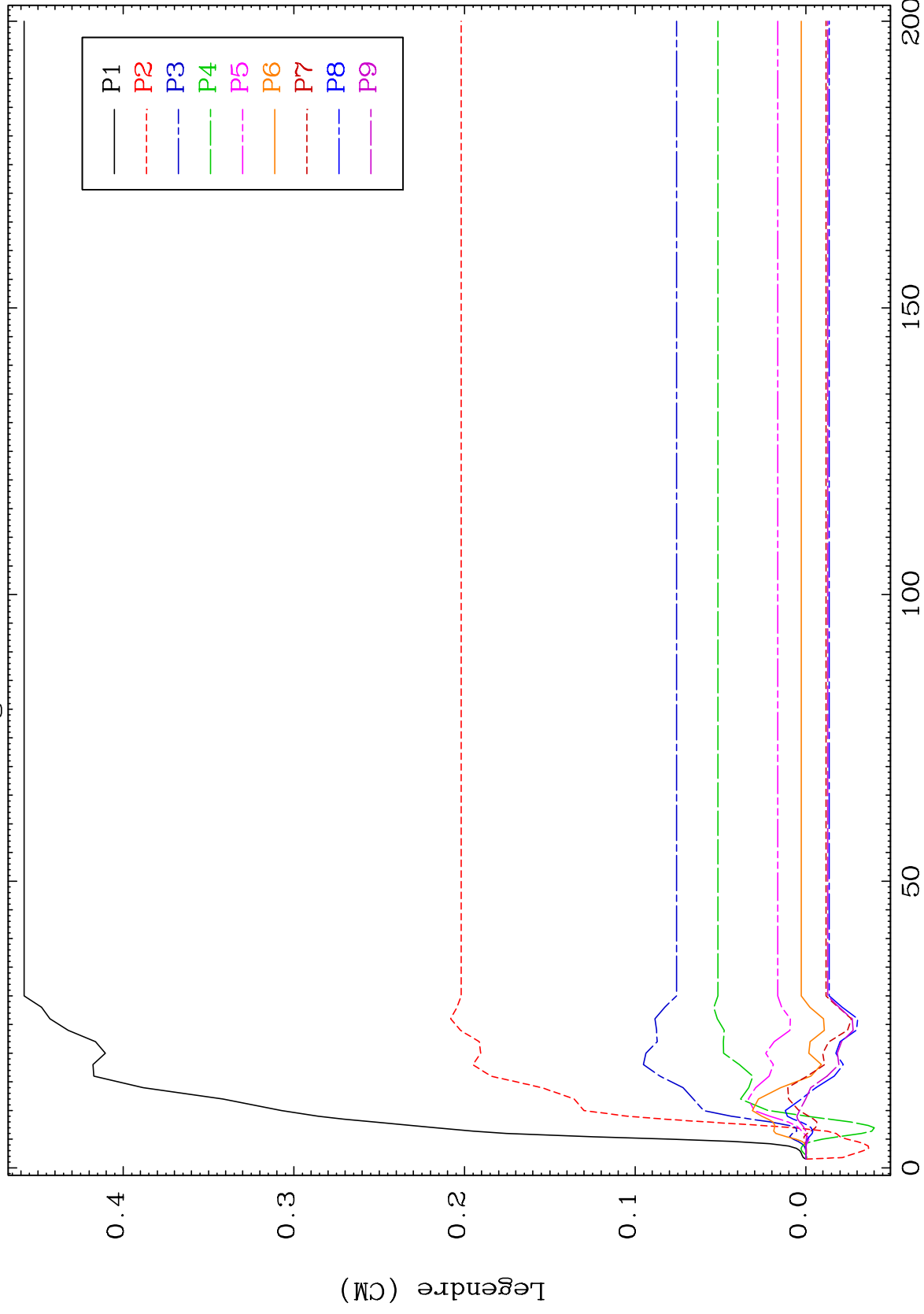




MAT 7431

1.510 MeV (n,n') Level
Legendre Coefficients

74-W -182



64

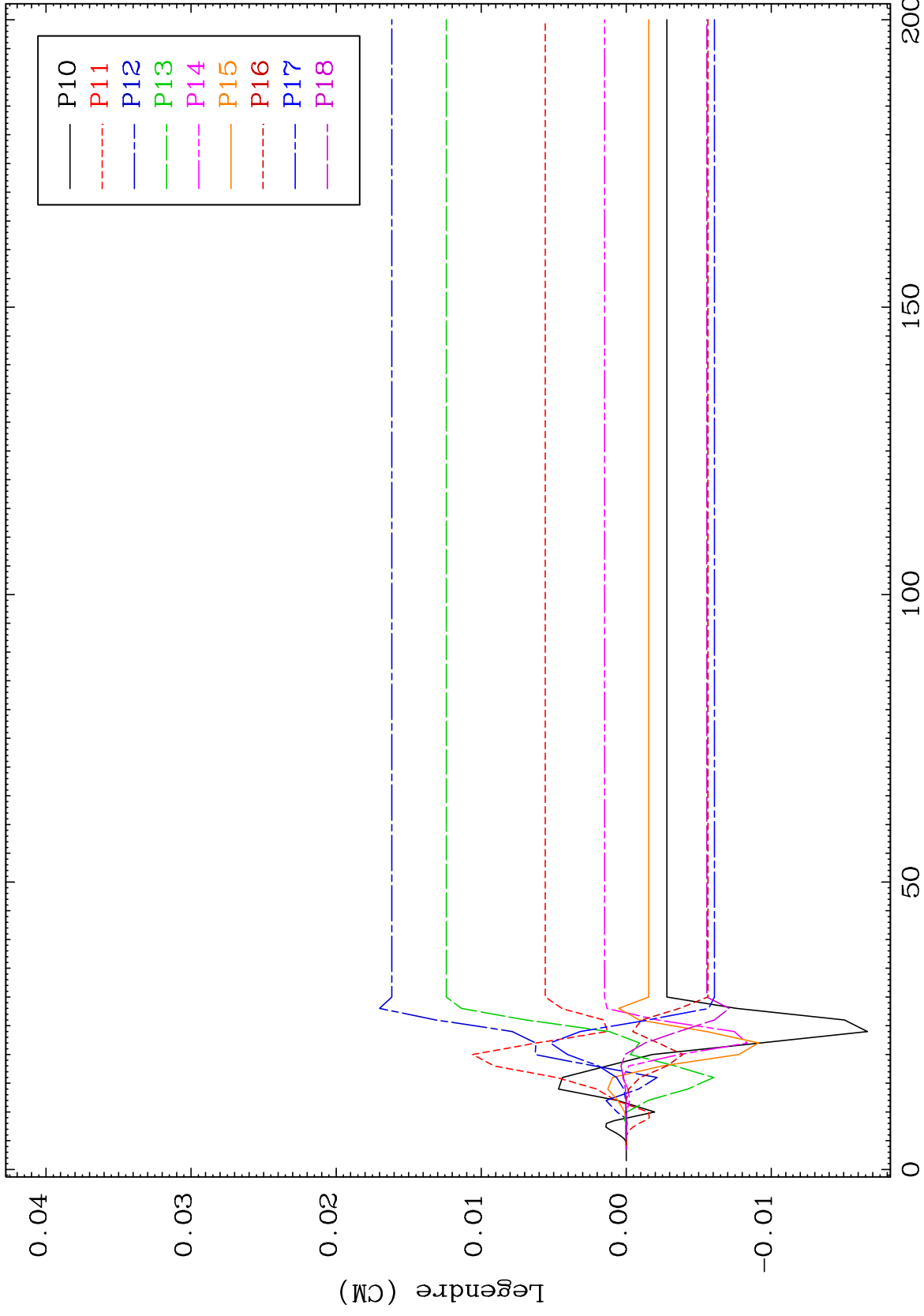
Incident Energy (MeV)

74-W -182

MAT 7431

1.510 MeV (n,n') Level
Legendre Coefficients

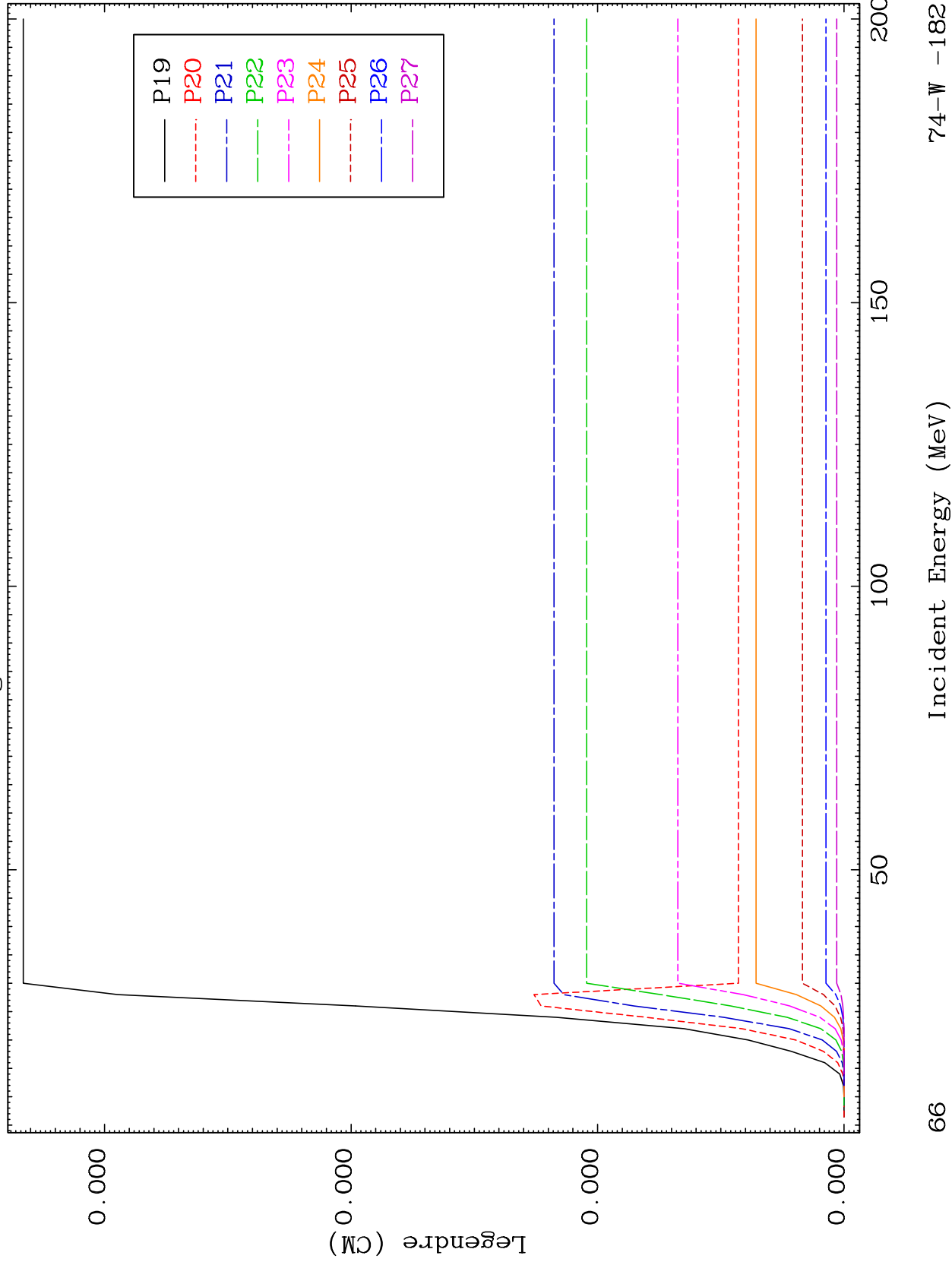
74-W -182

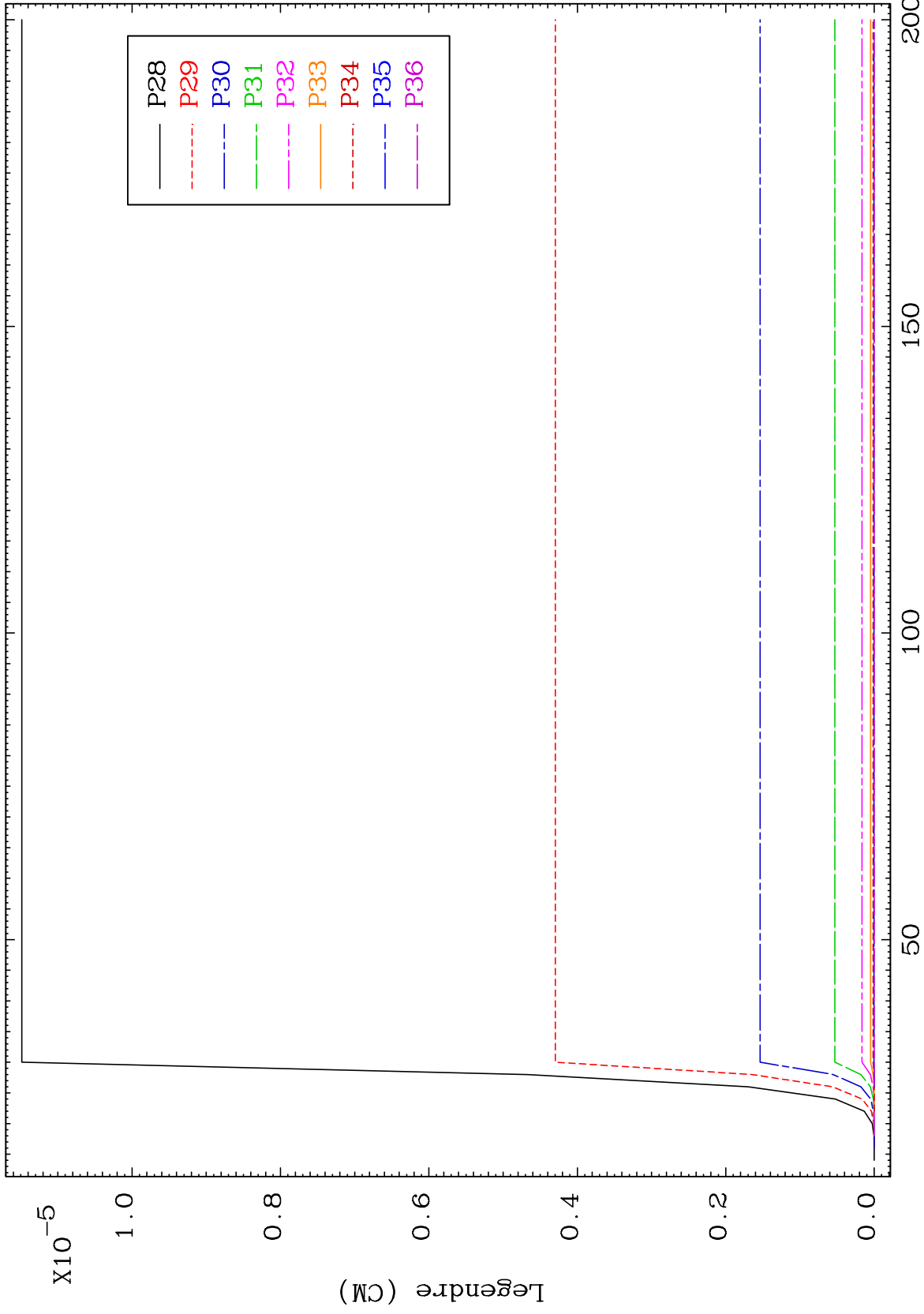


65

Incident Energy (MeV)

74-W -182

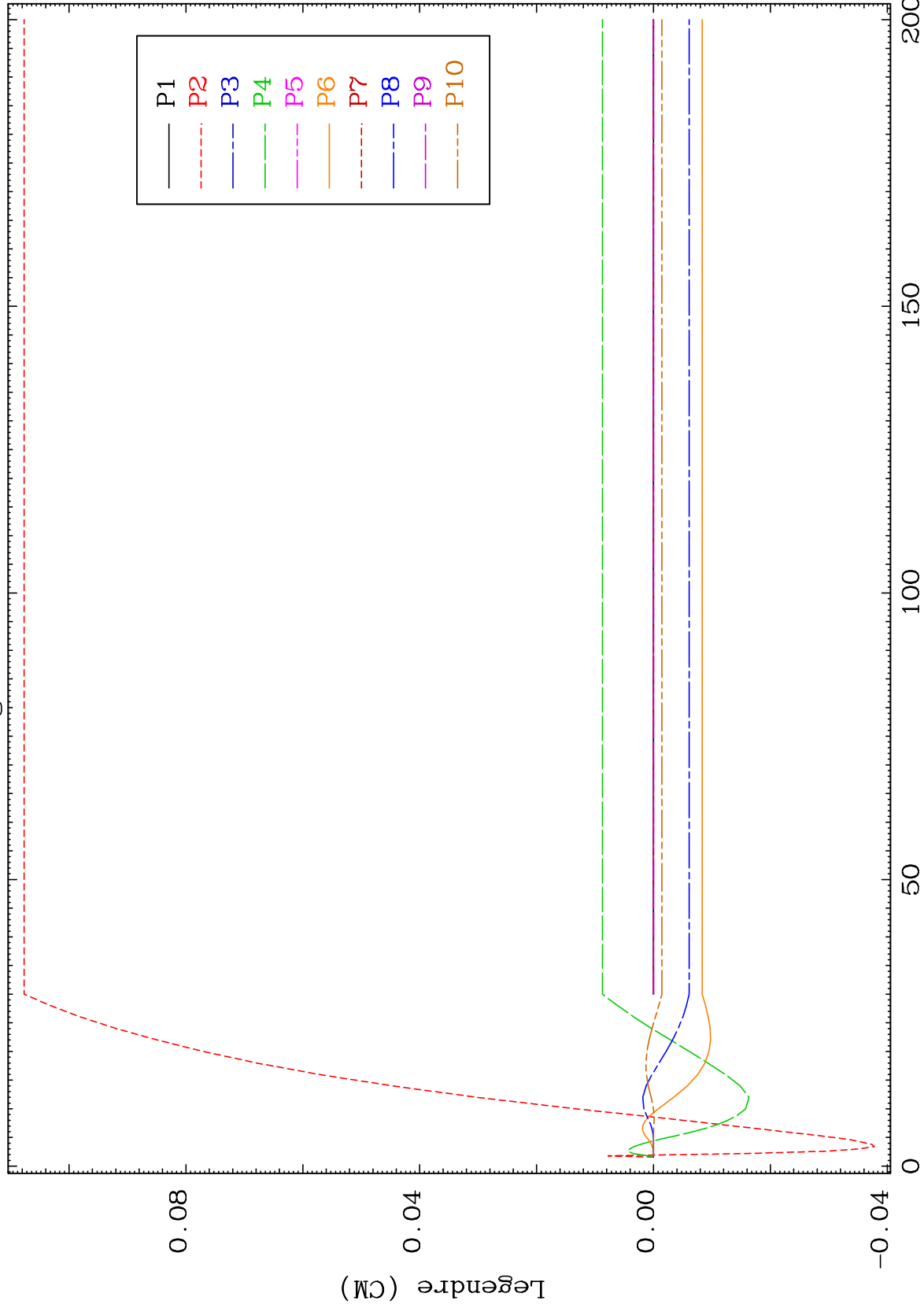




MAT 7431

1.553 MeV (n,n') Level
Legendre Coefficients

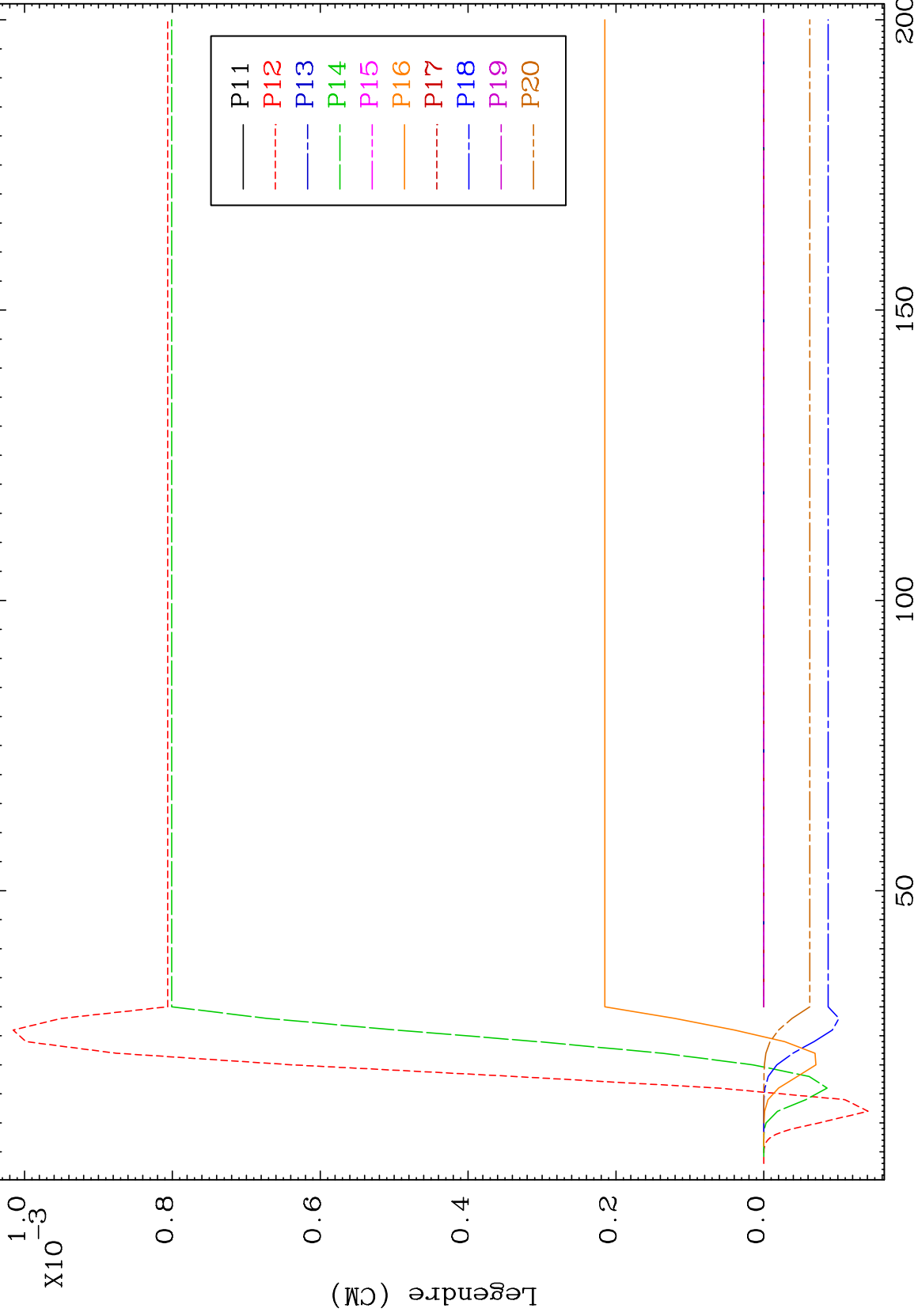
74-W - 182

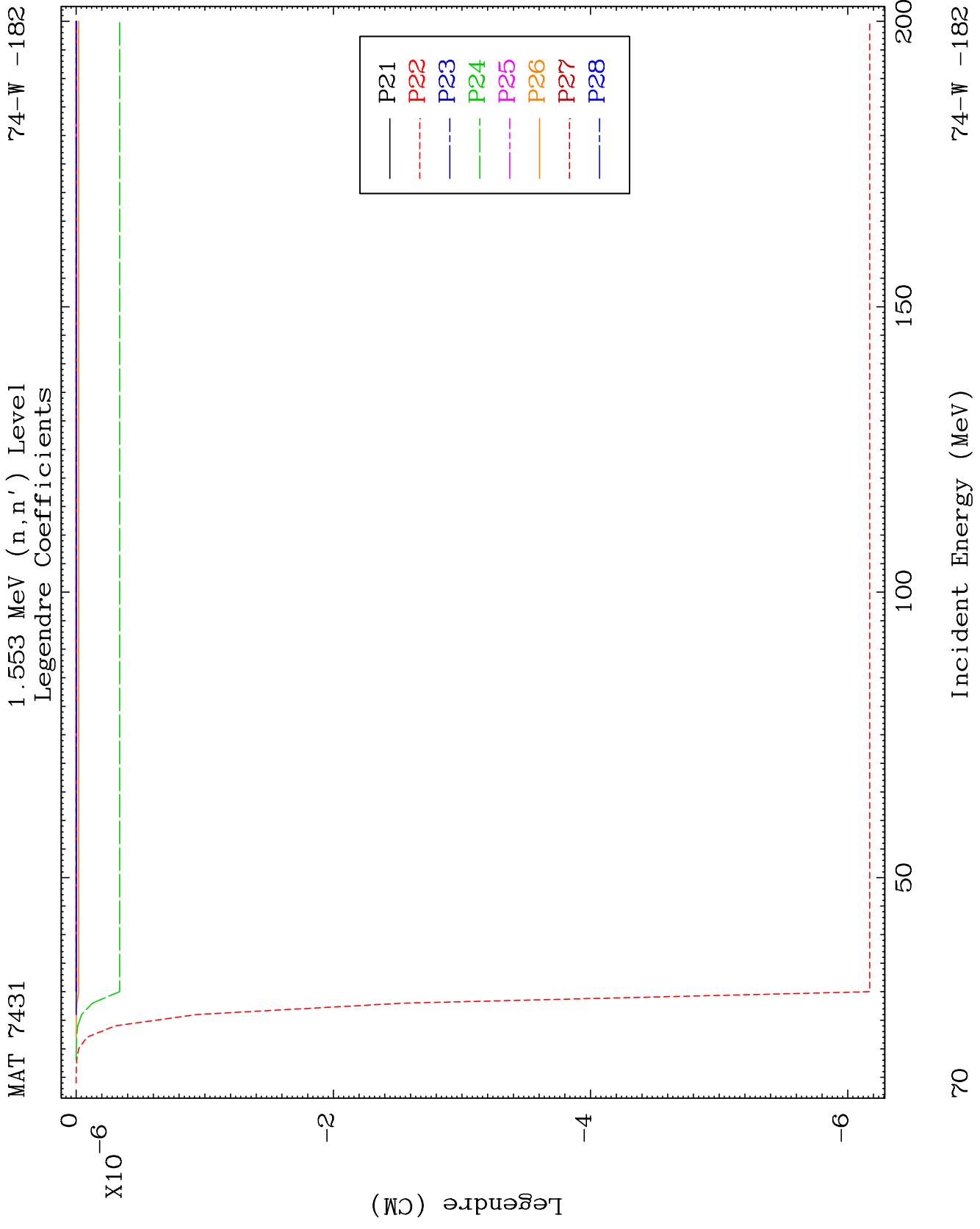


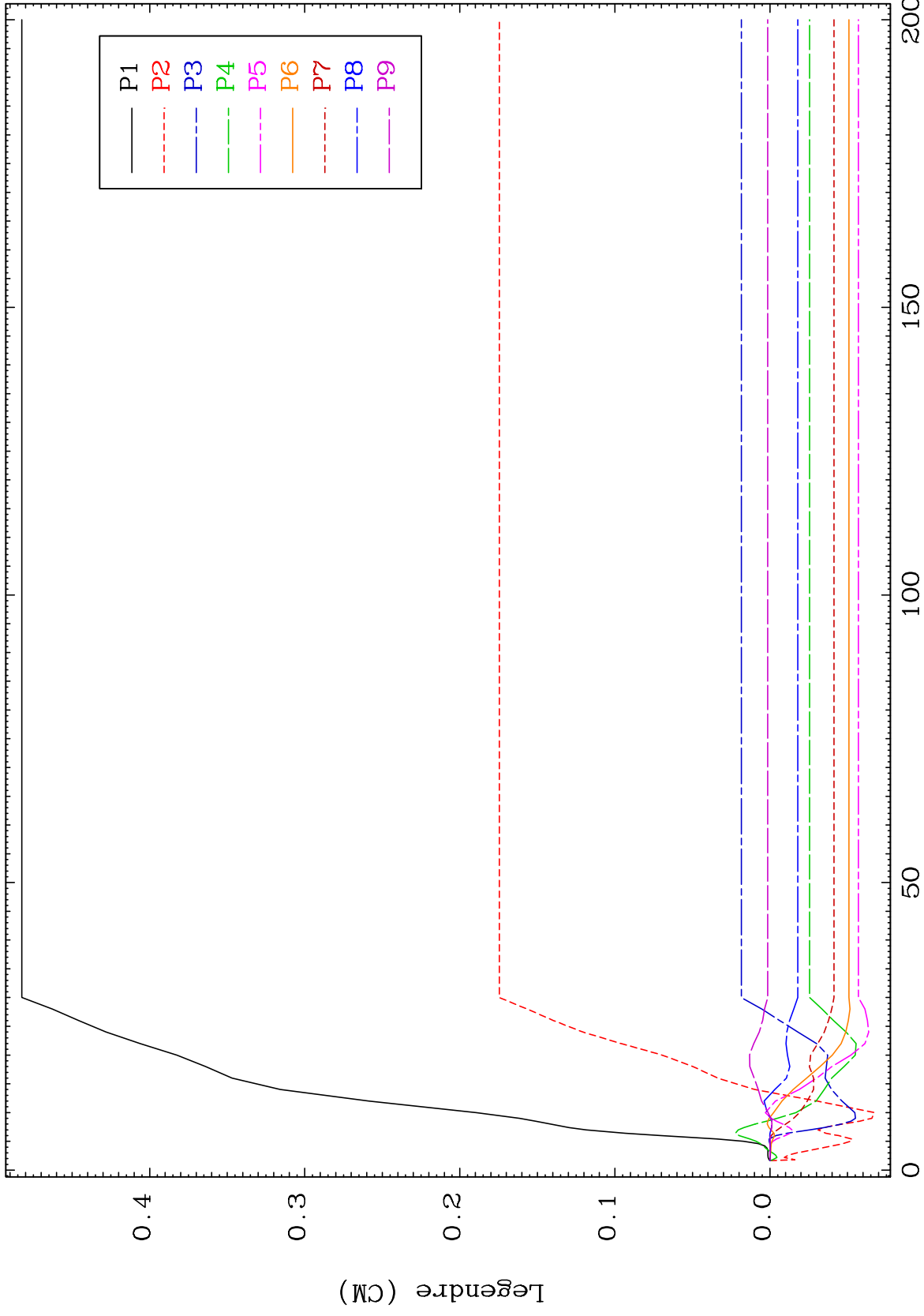
Incident Energy (MeV)

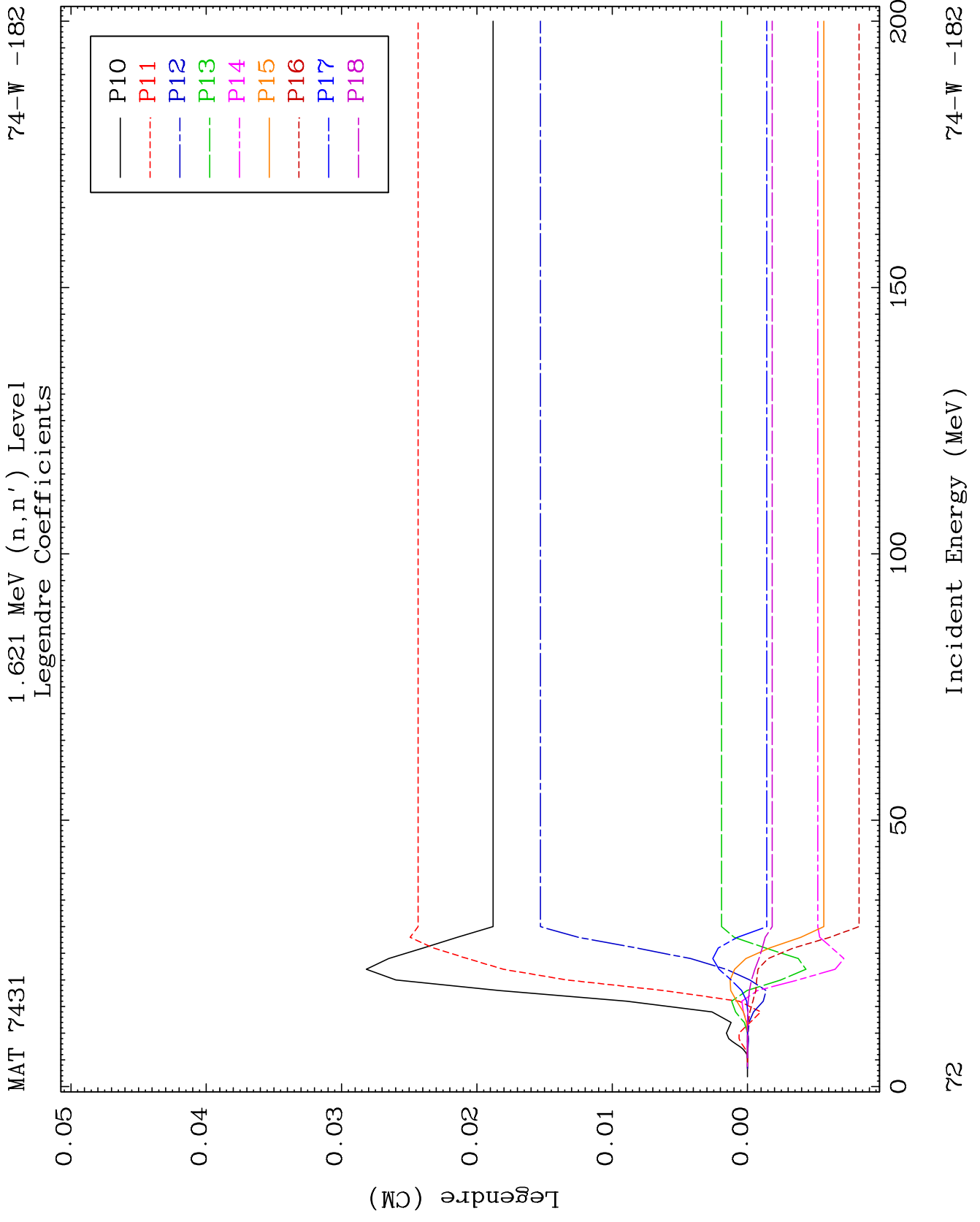
74-W - 182

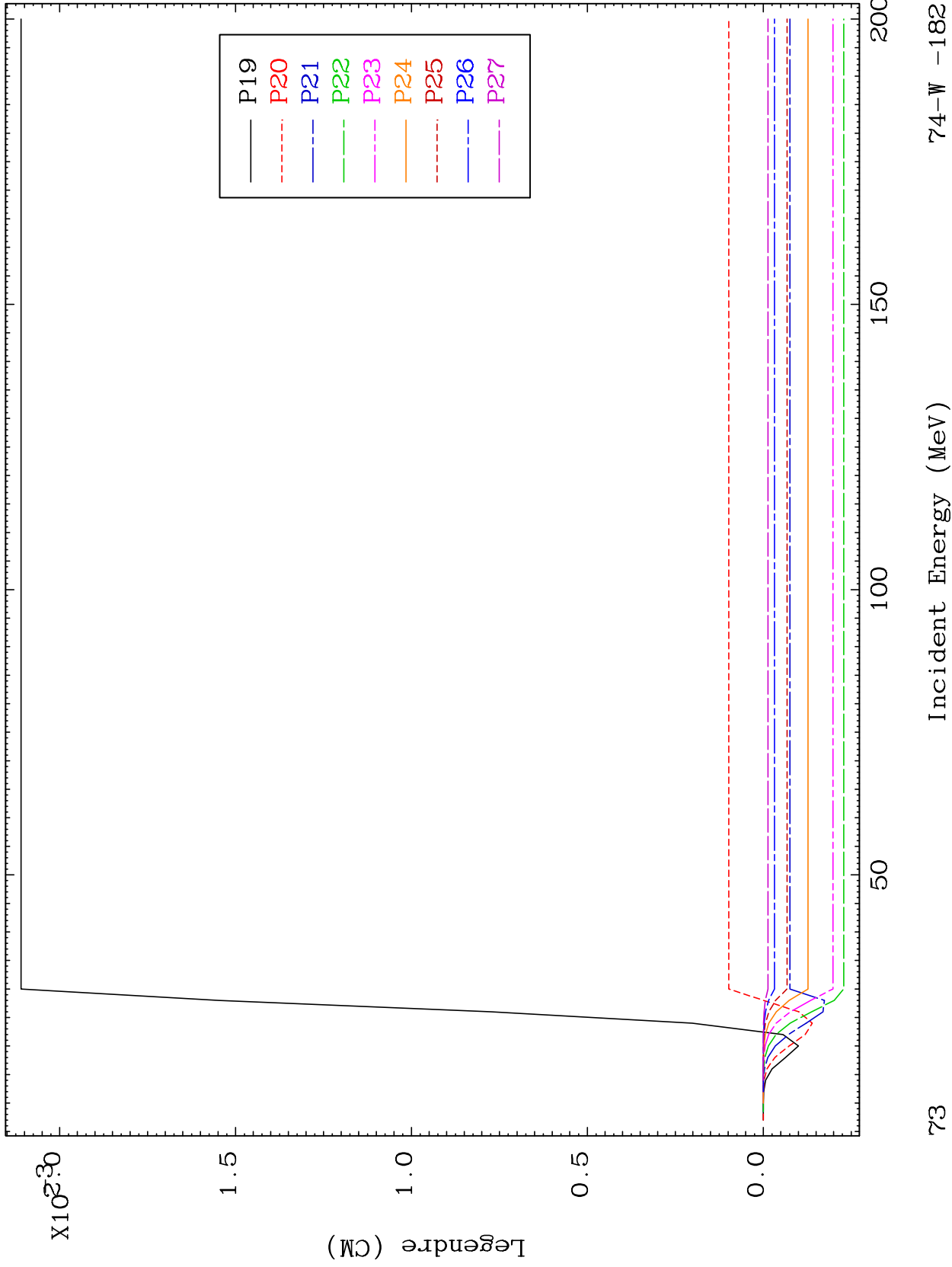
68

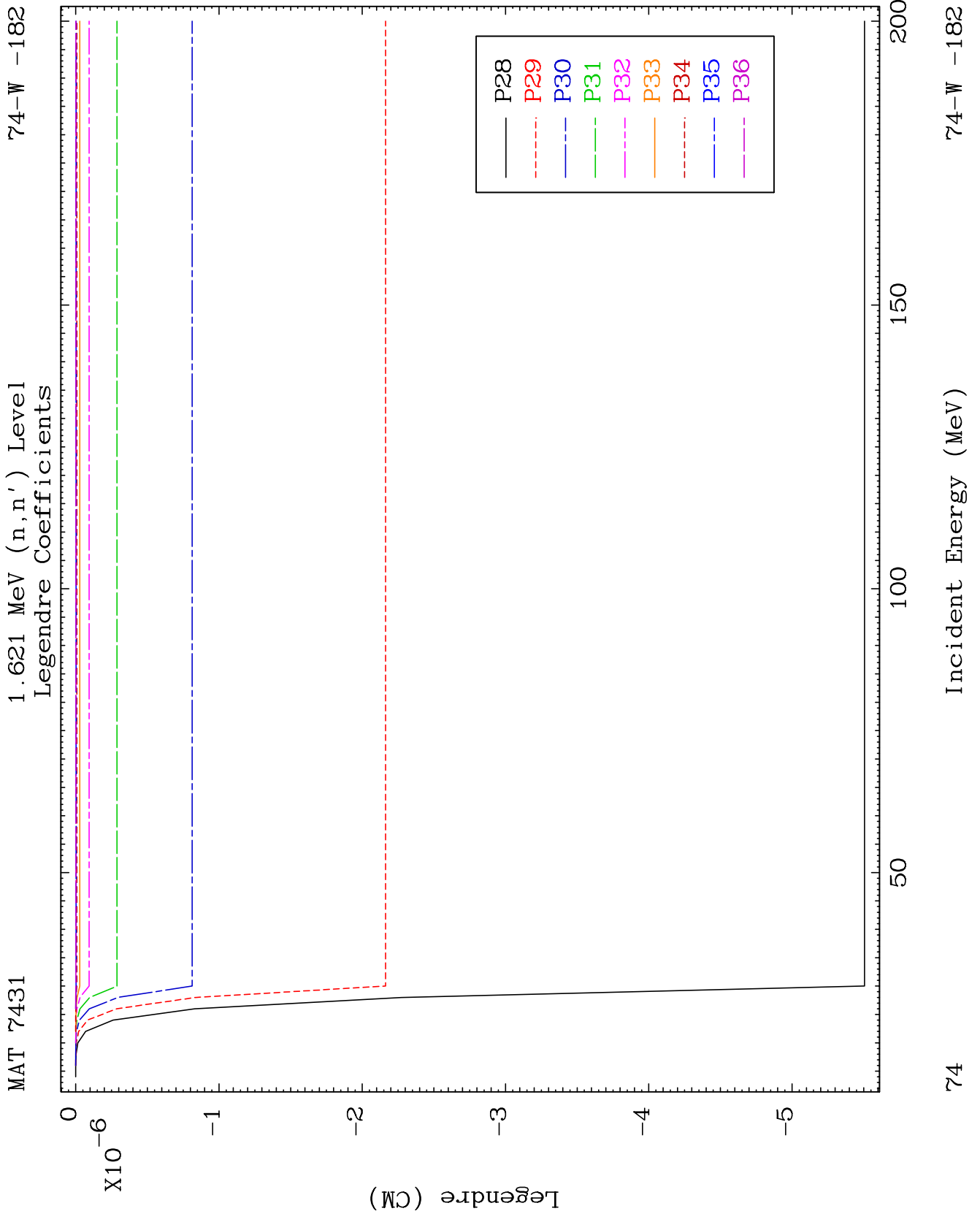








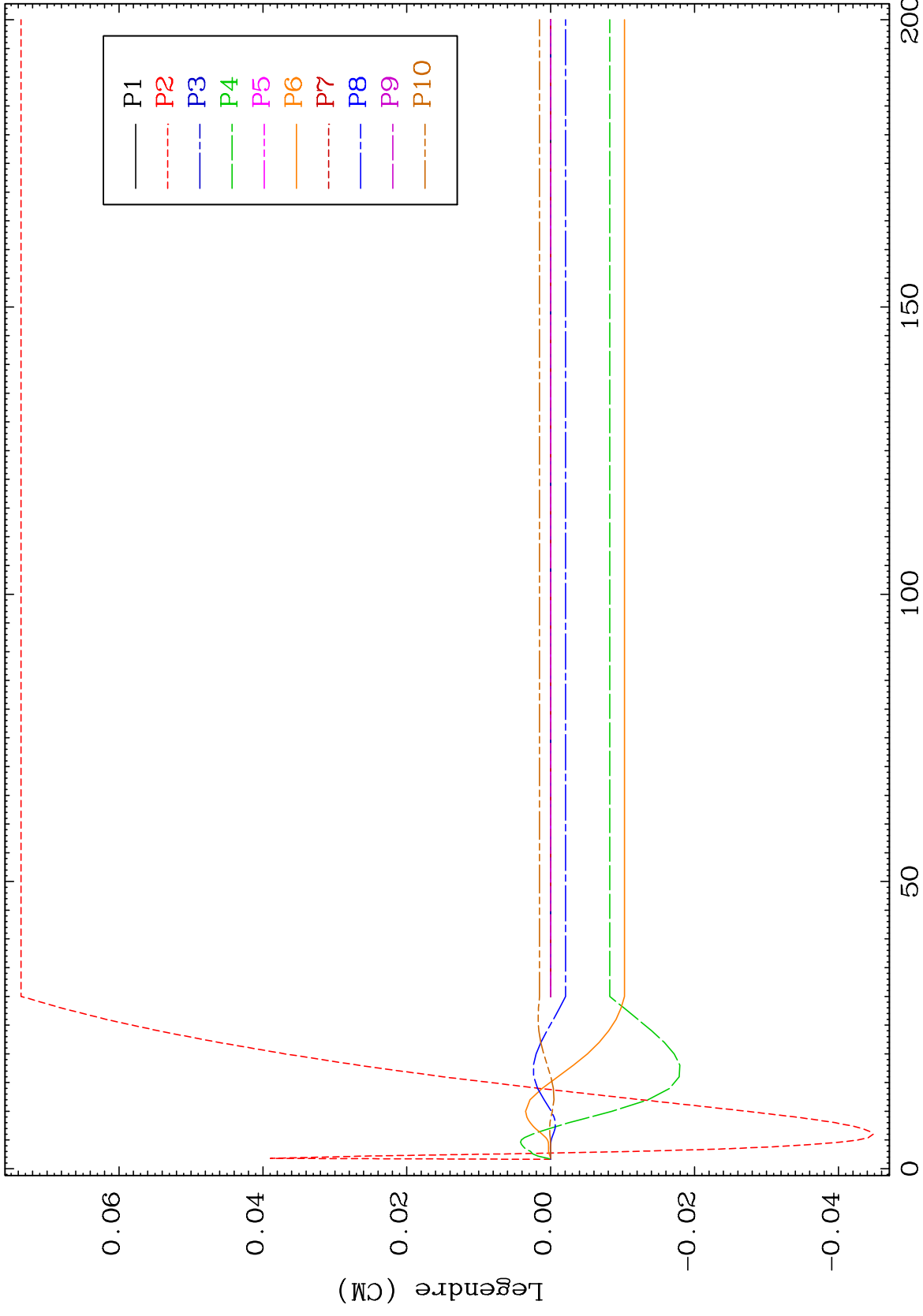




MAT 7431

1.624 MeV (n,n') Level
Legendre Coefficients

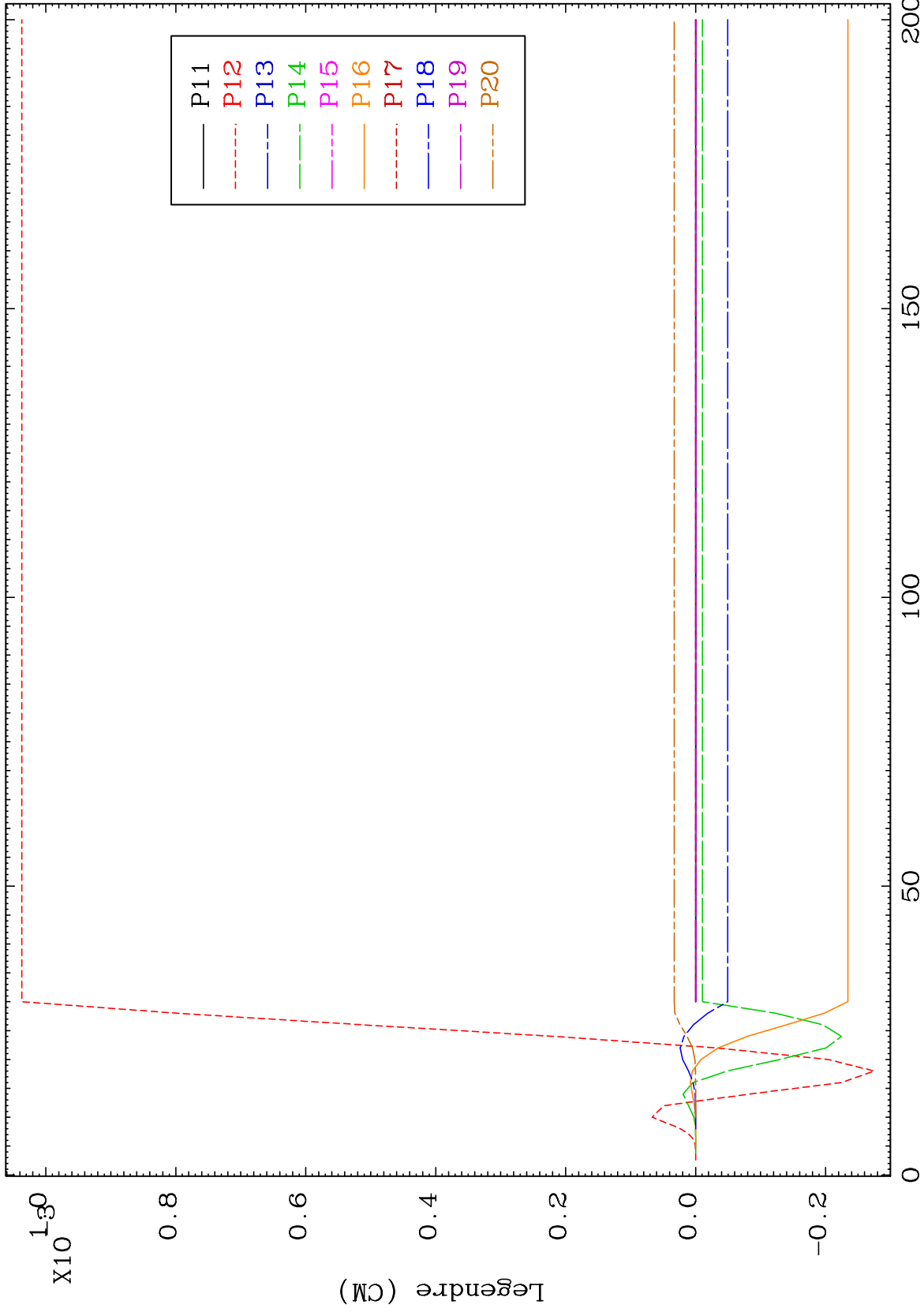
74-W -182



75

Incident Energy (MeV)

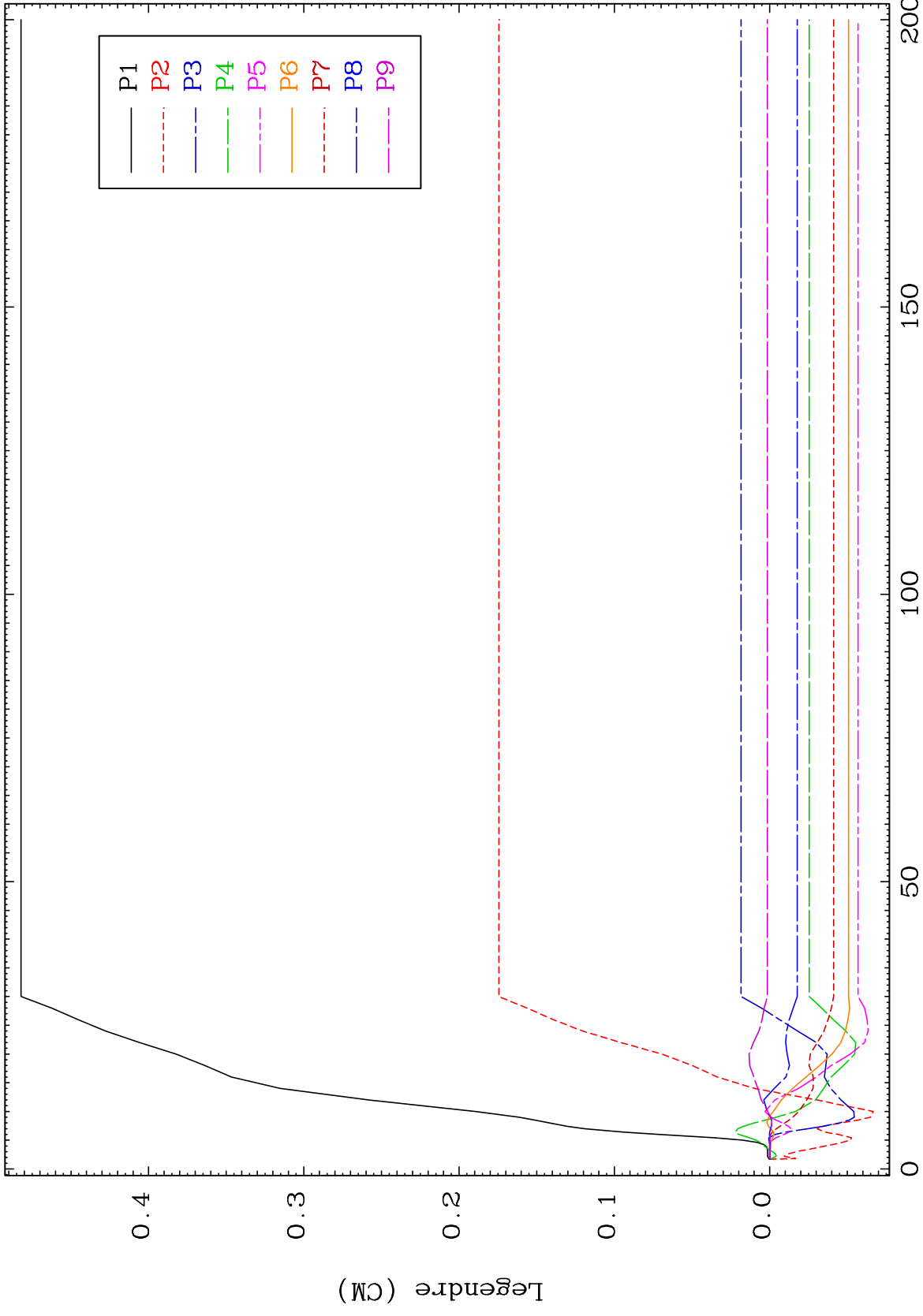
74-W -182



MAT 7431

1.660 MeV (n,n') Level
Legendre Coefficients

74-W -182



78

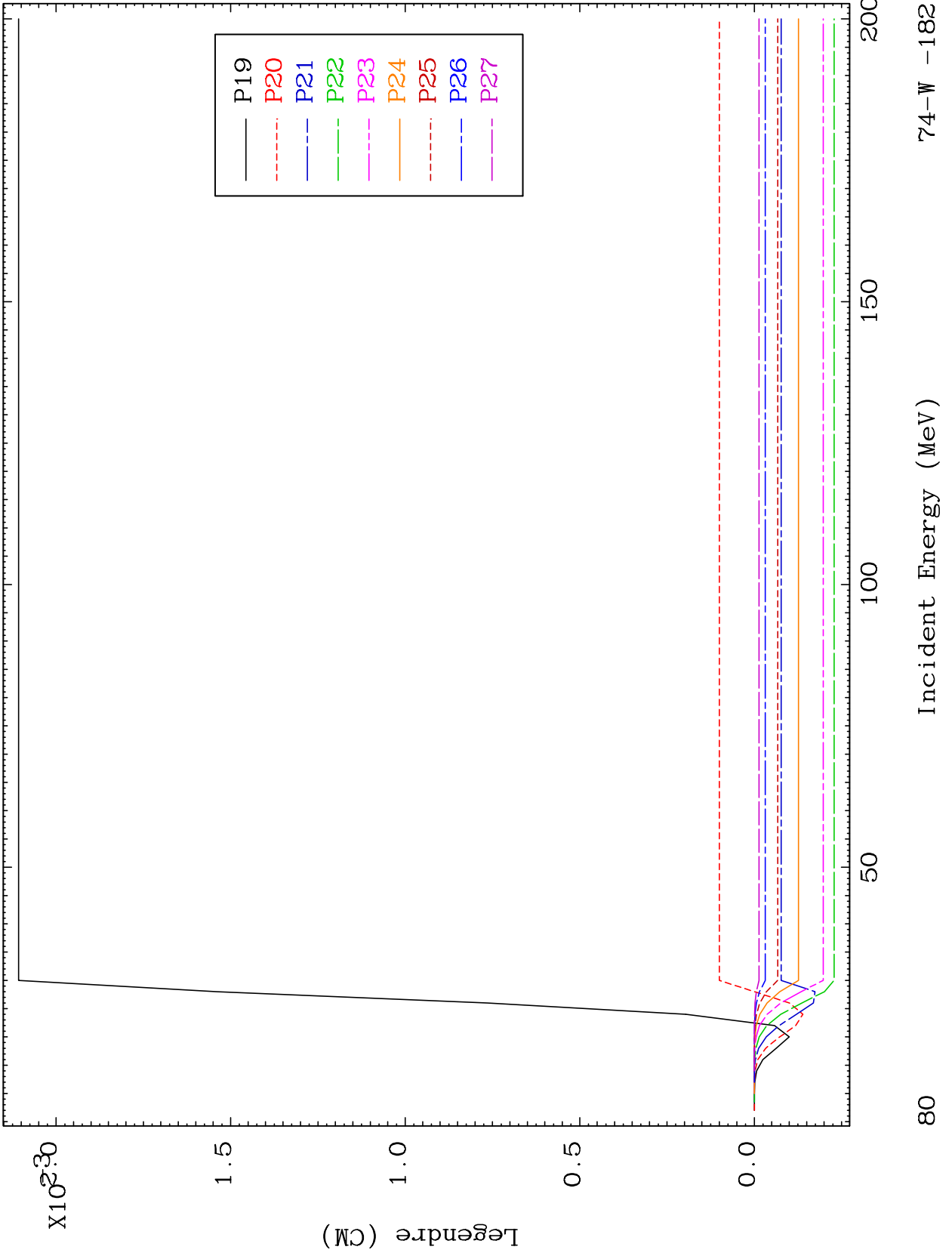
Incident Energy (MeV)

74-W -182

MAT 7431

1.660 MeV (n,n') Level
Legendre Coefficients

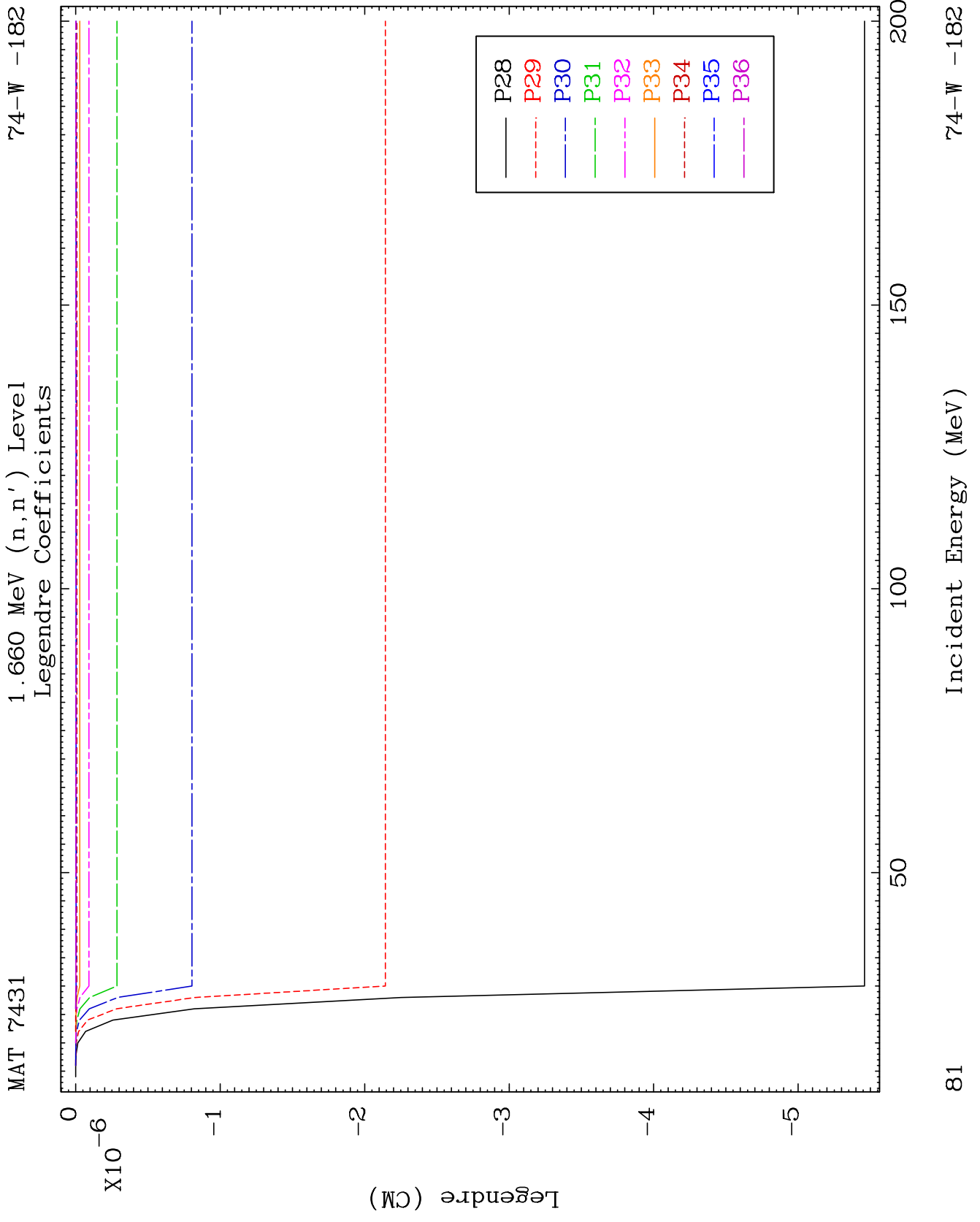
74-W -182

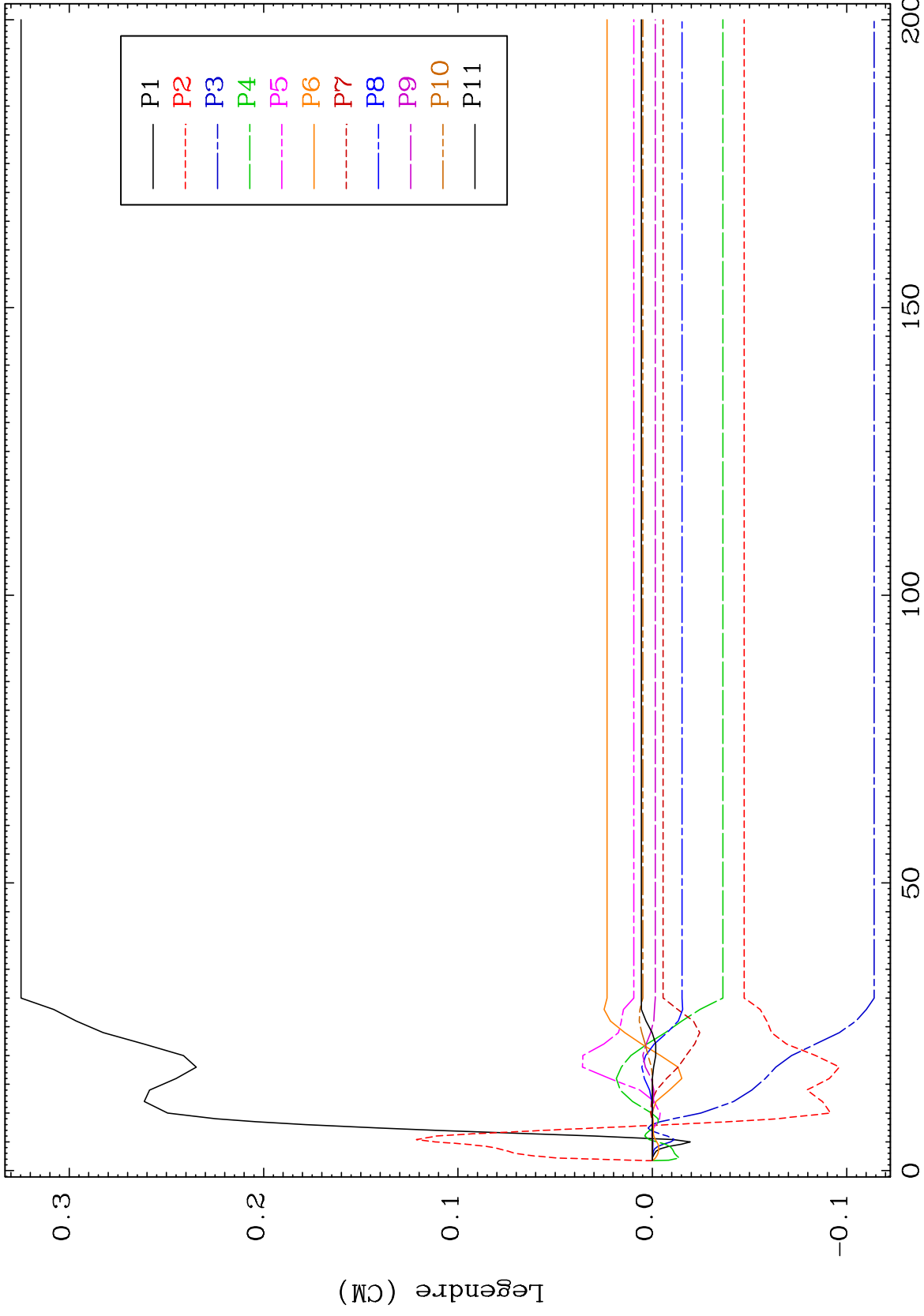


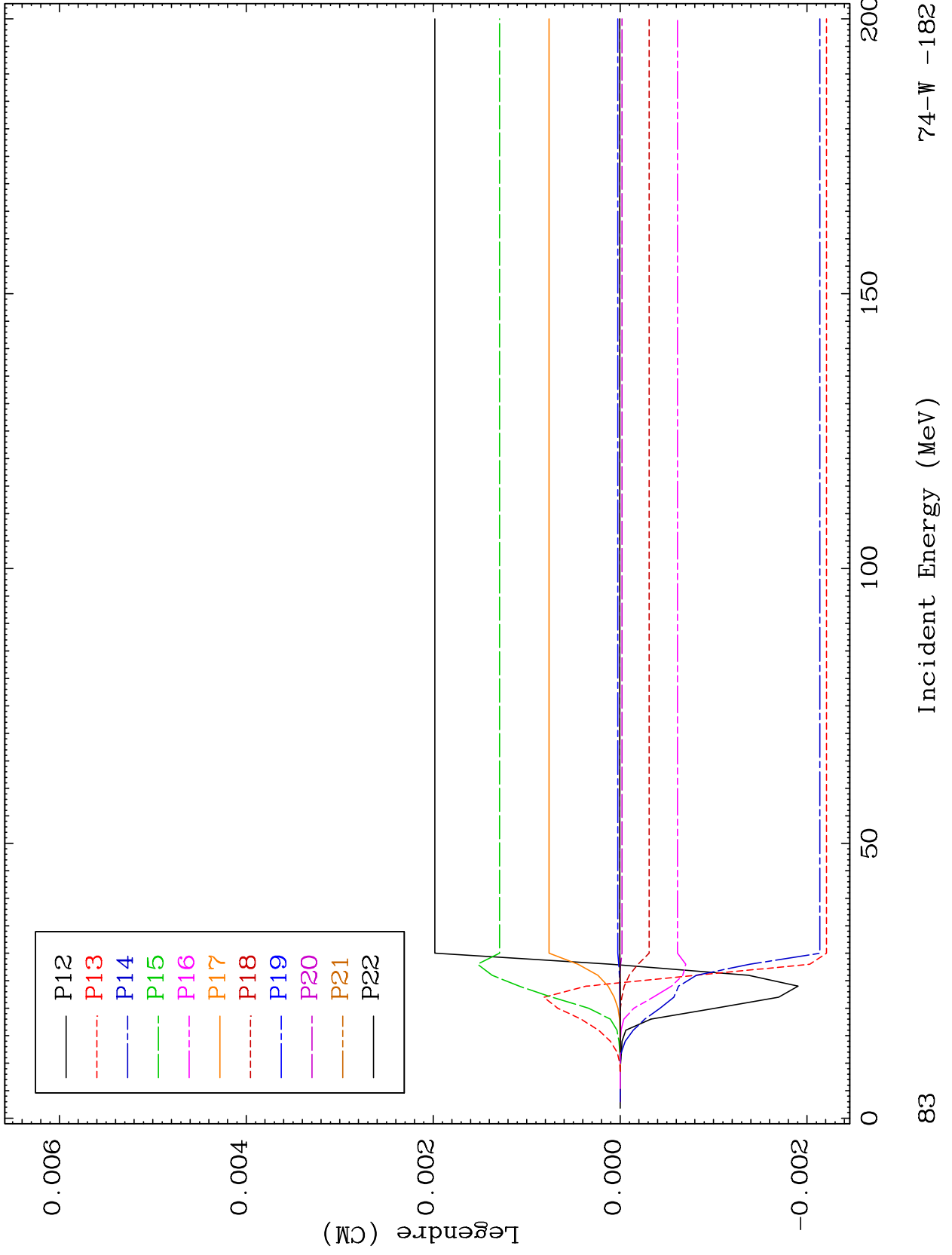
80

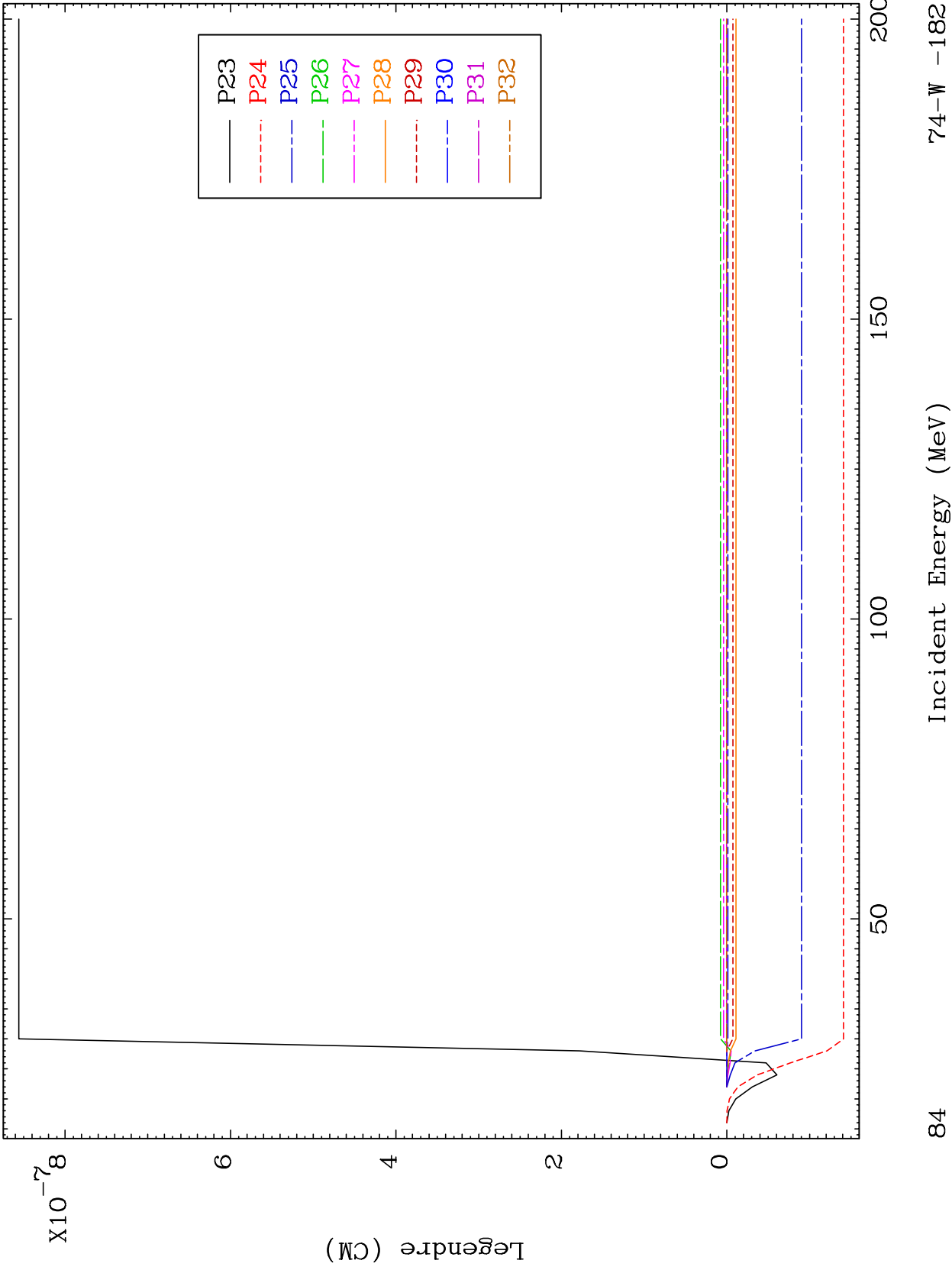
Incident Energy (MeV)

74-W -182





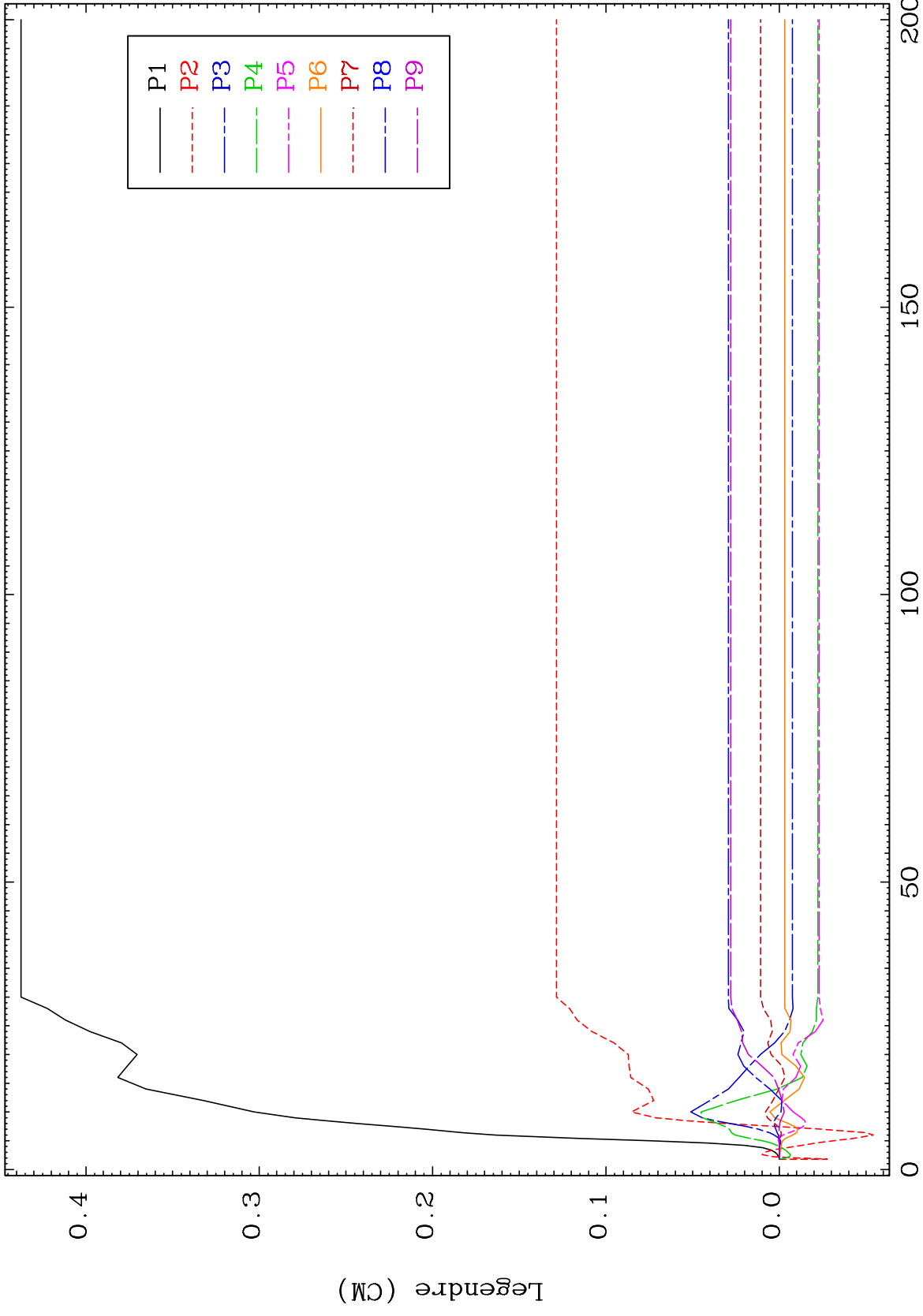




MAT 7431

1.757 MeV (n,n') Level
Legendre Coefficients

74-W -182



85

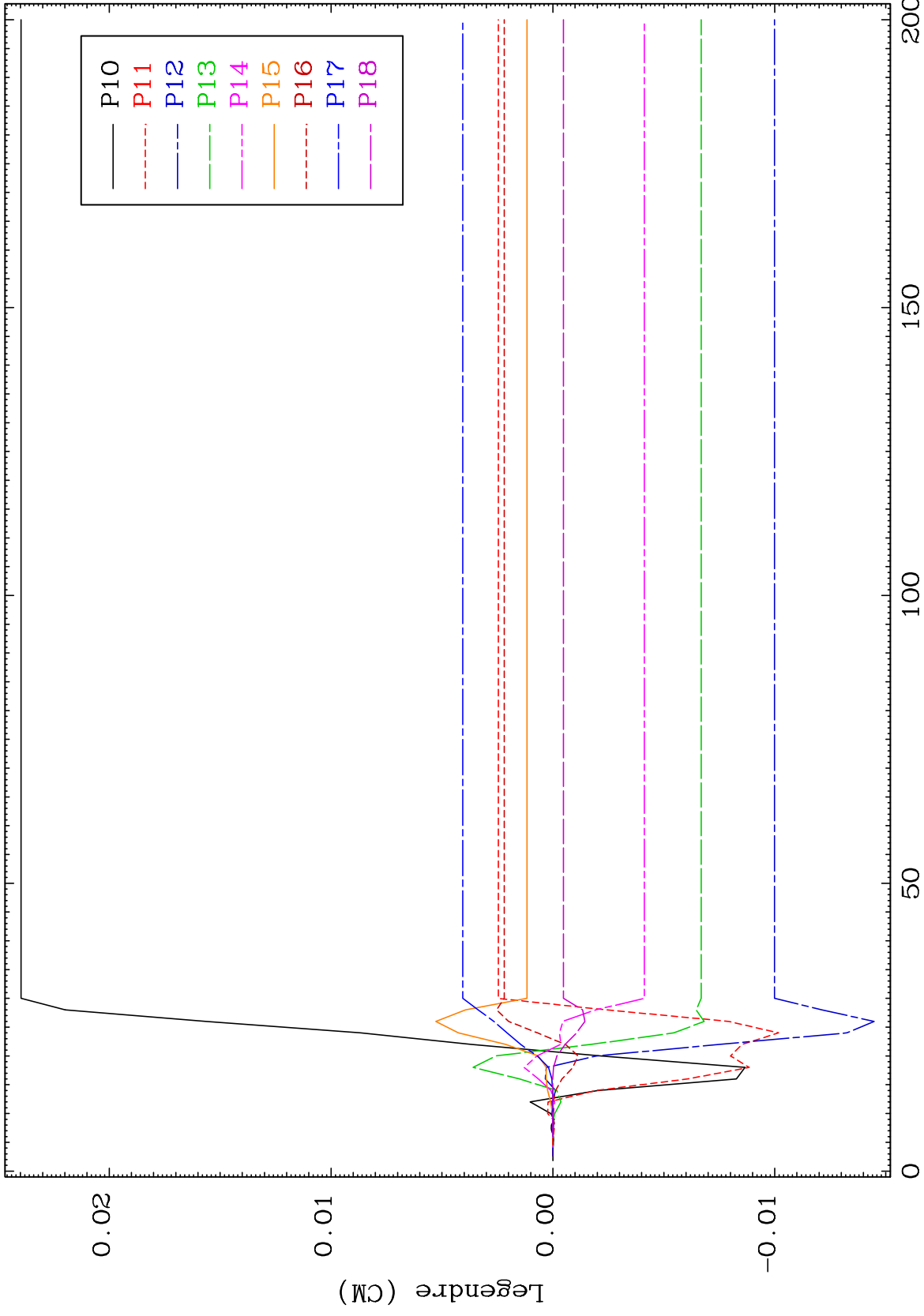
Incident Energy (MeV)

74-W -182

MAT 7431

1.757 MeV (n,n') Level
Legendre Coefficients

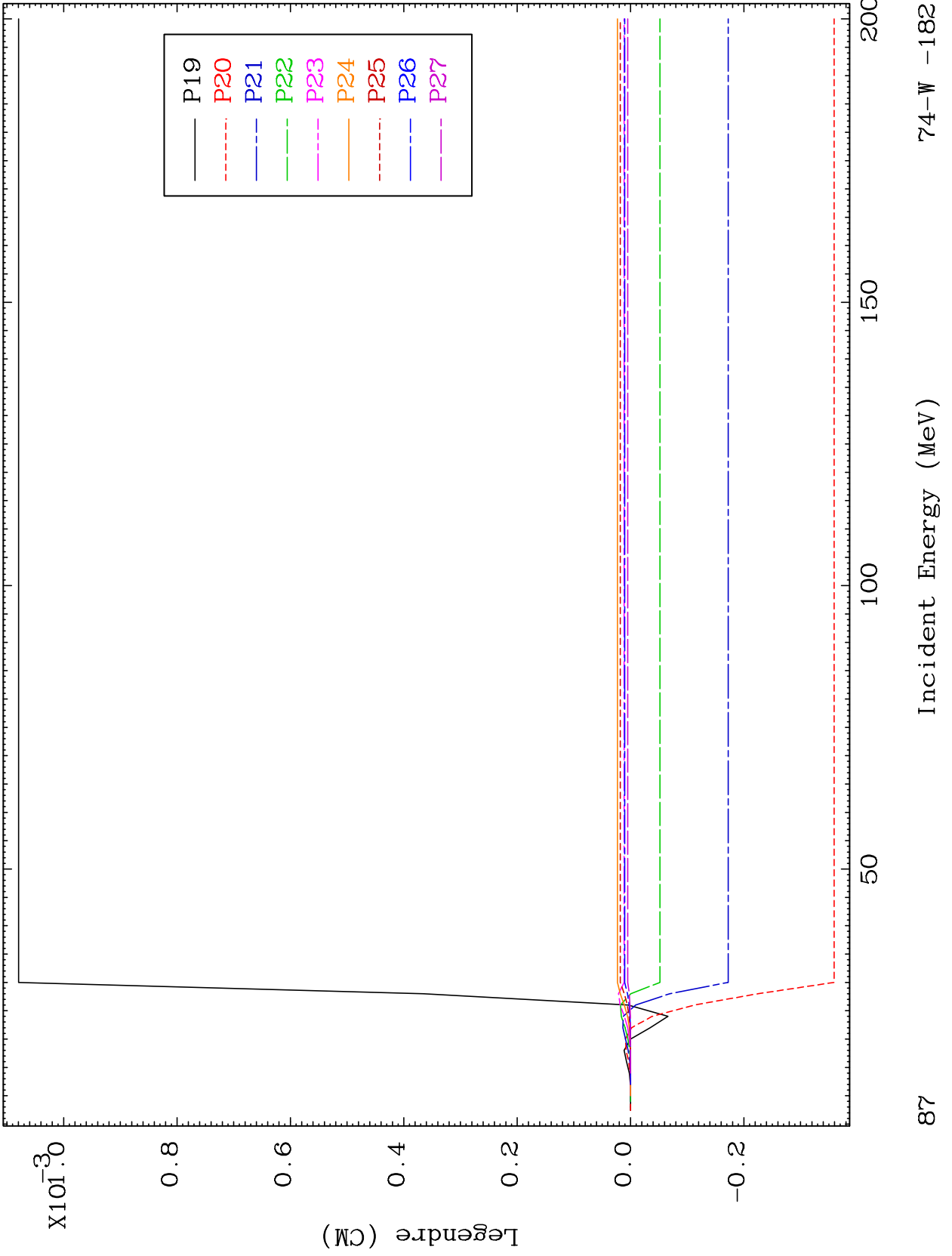
74-W -182

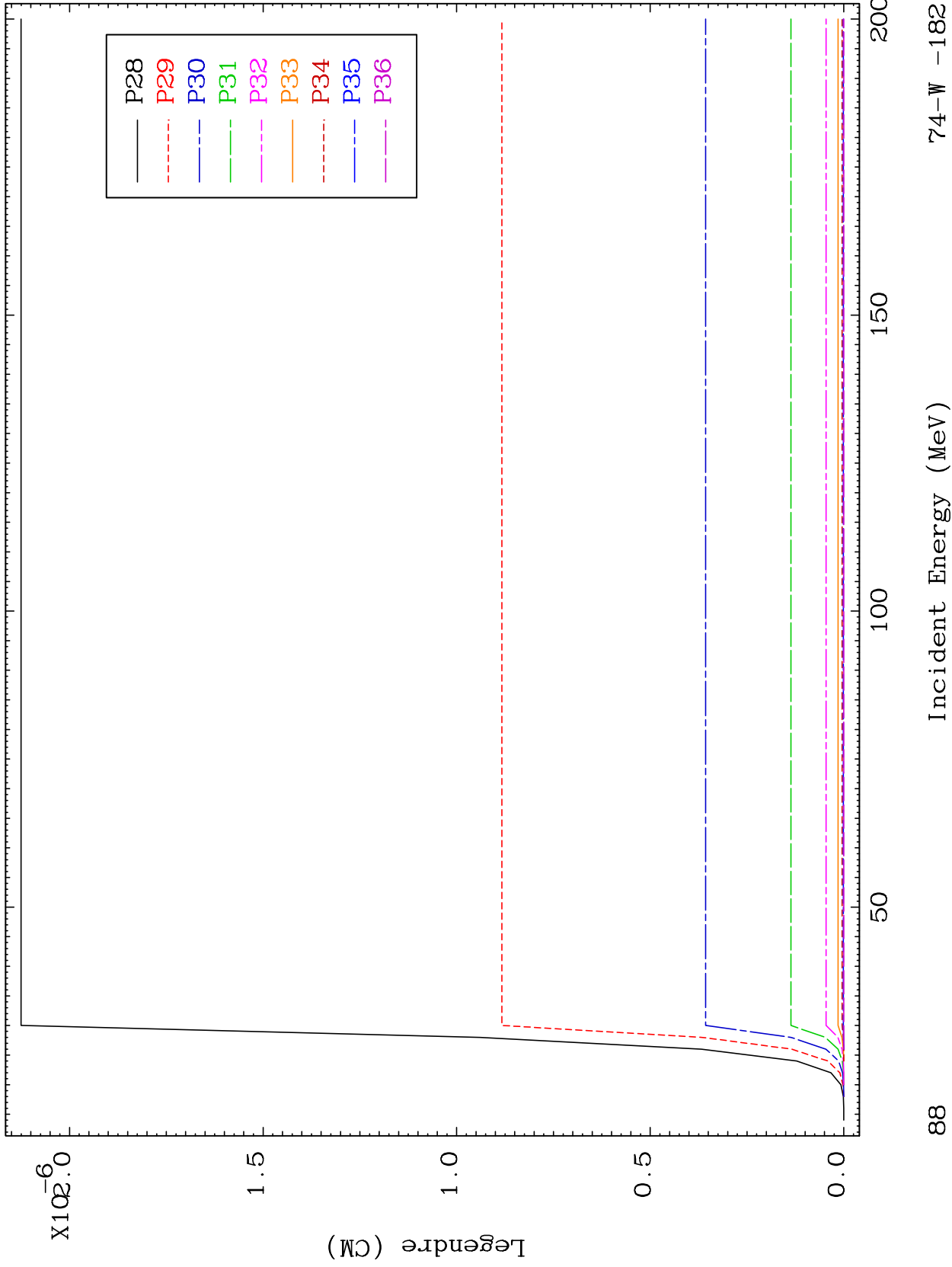


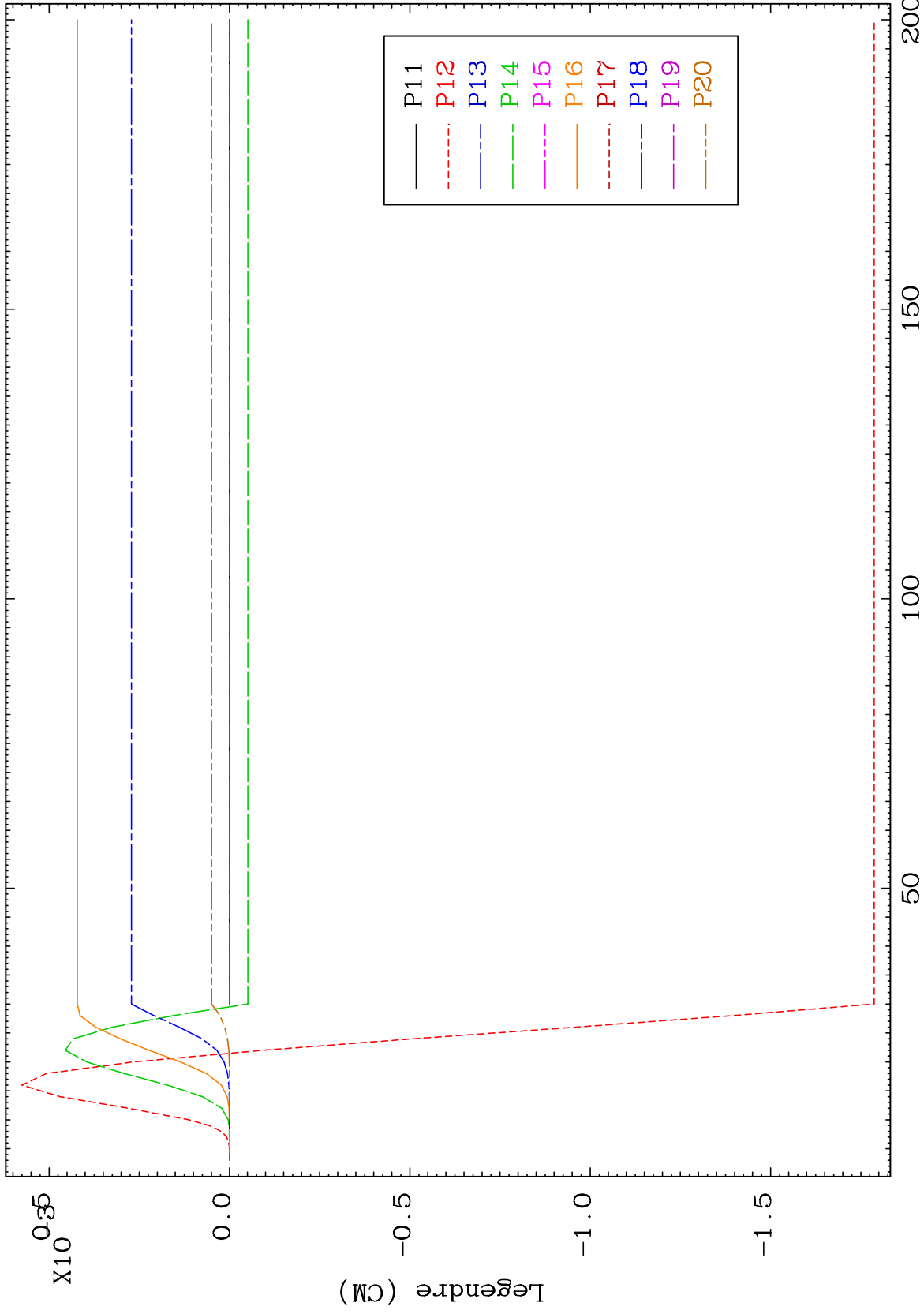
Incident Energy (MeV)

74-W -182

86



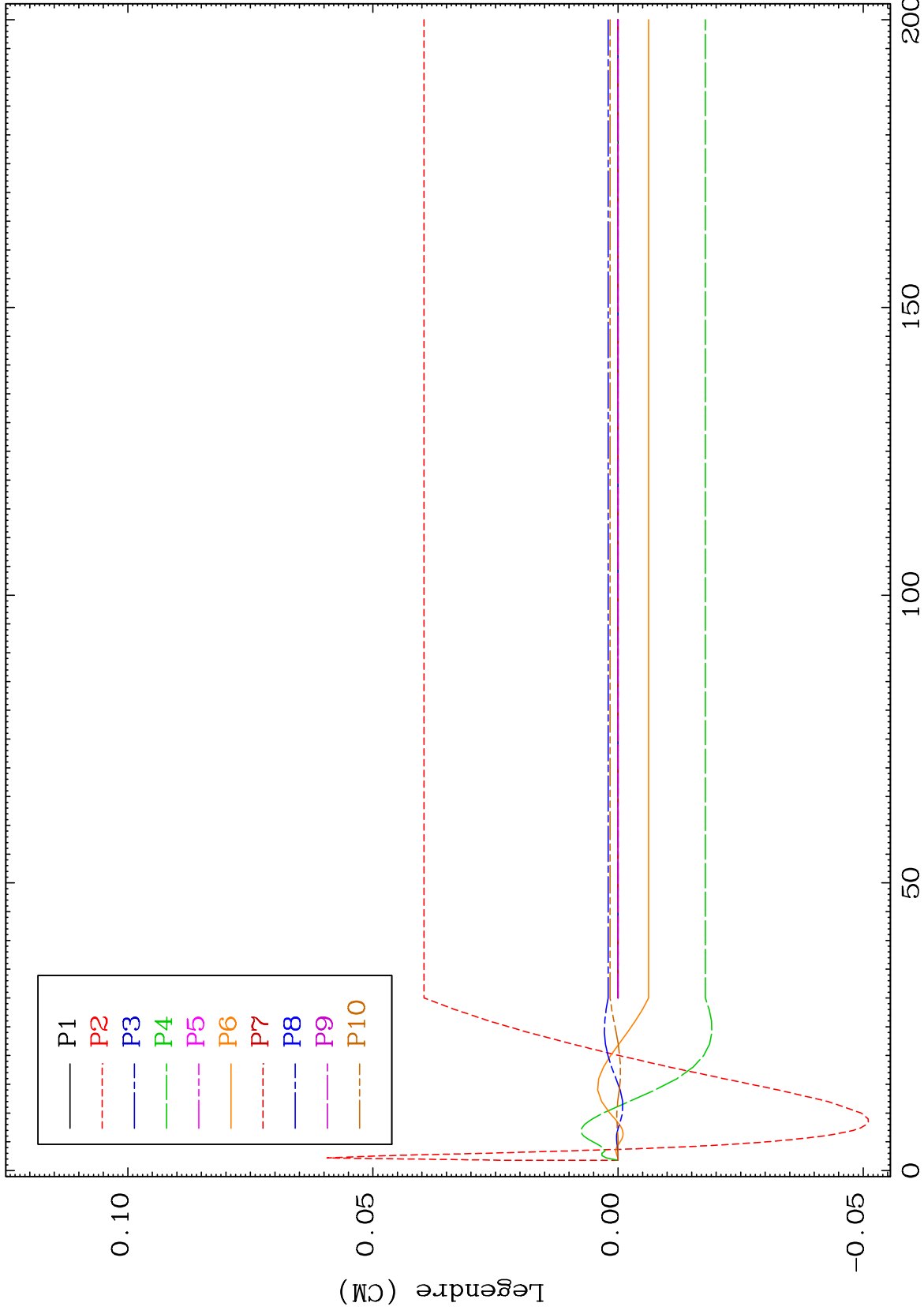




MAT 7431

1.769 MeV (n,n') Level
Legendre Coefficients

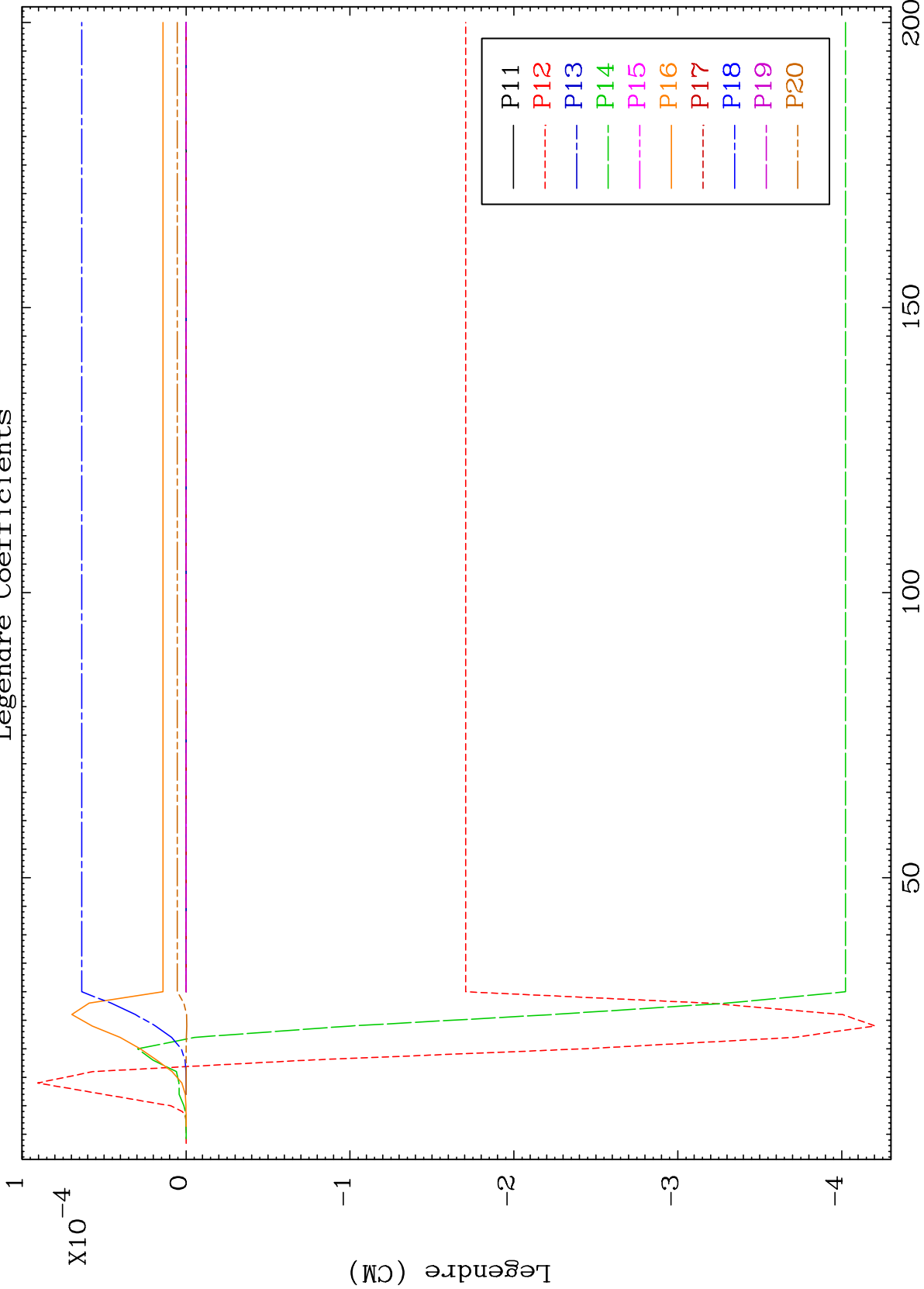
74-W -182

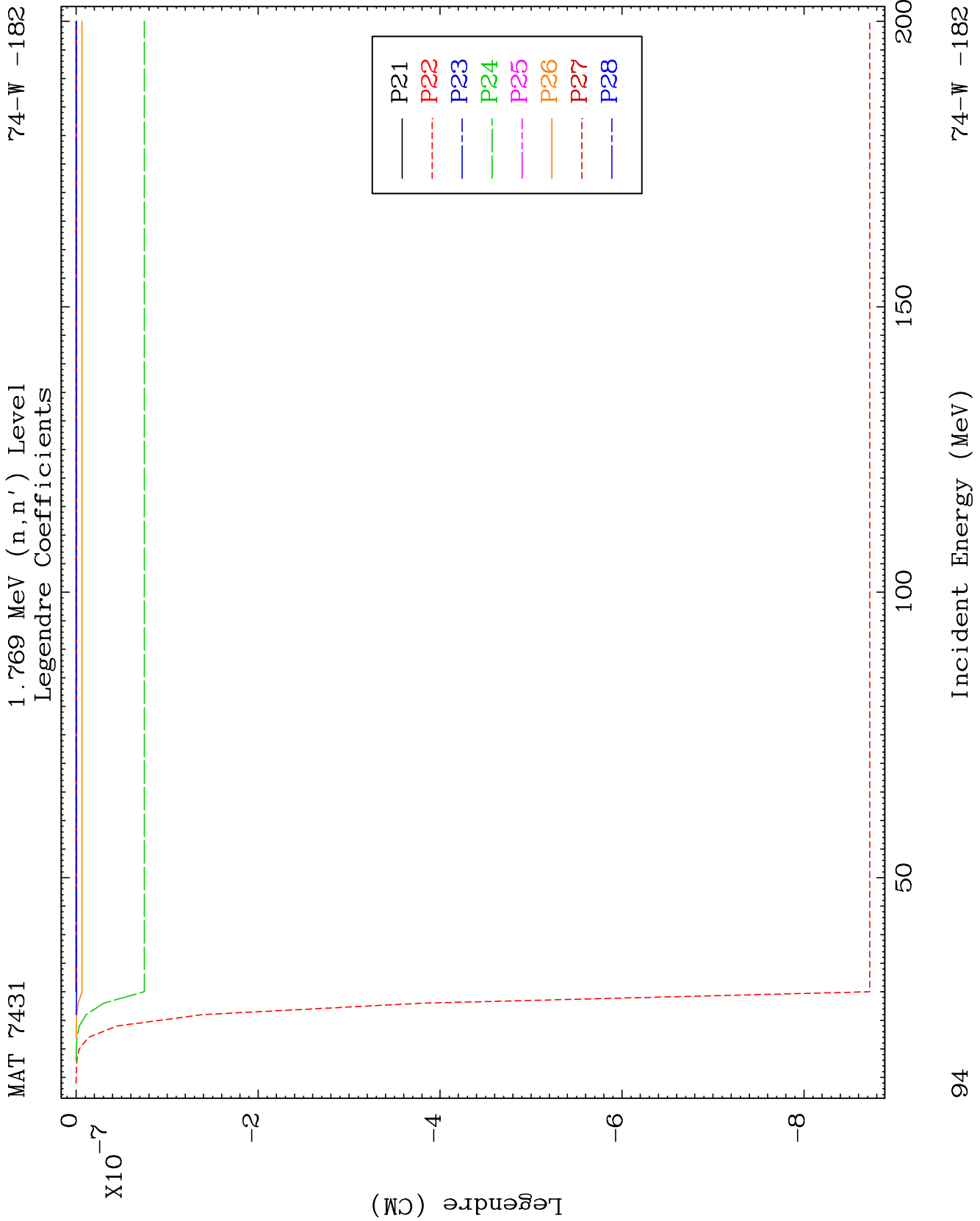


92

Incident Energy (MeV)

74-W -182

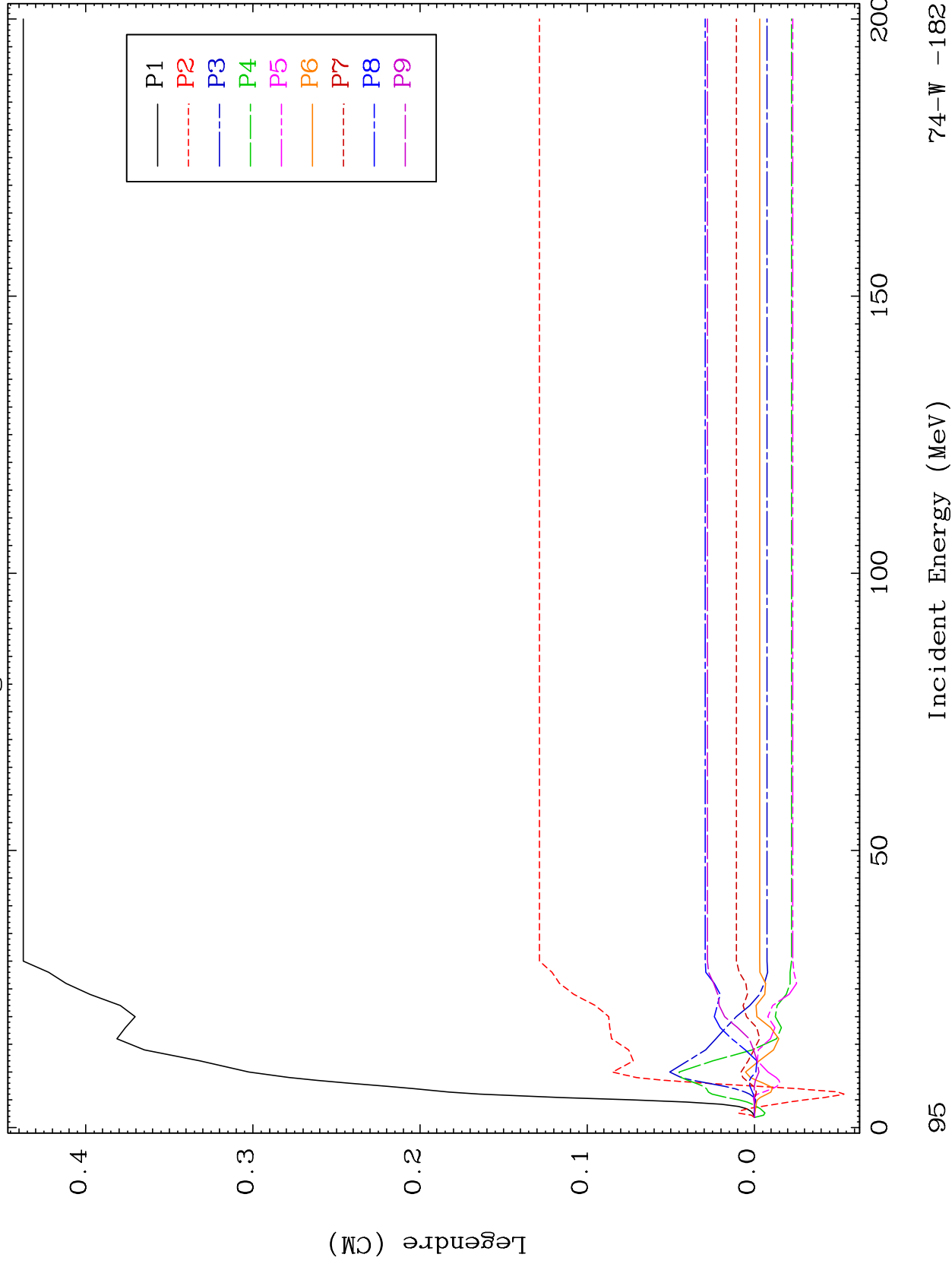




MAT 7431

1.790 MeV (n,n') Level
Legendre Coefficients

74-W -182



74-W -182

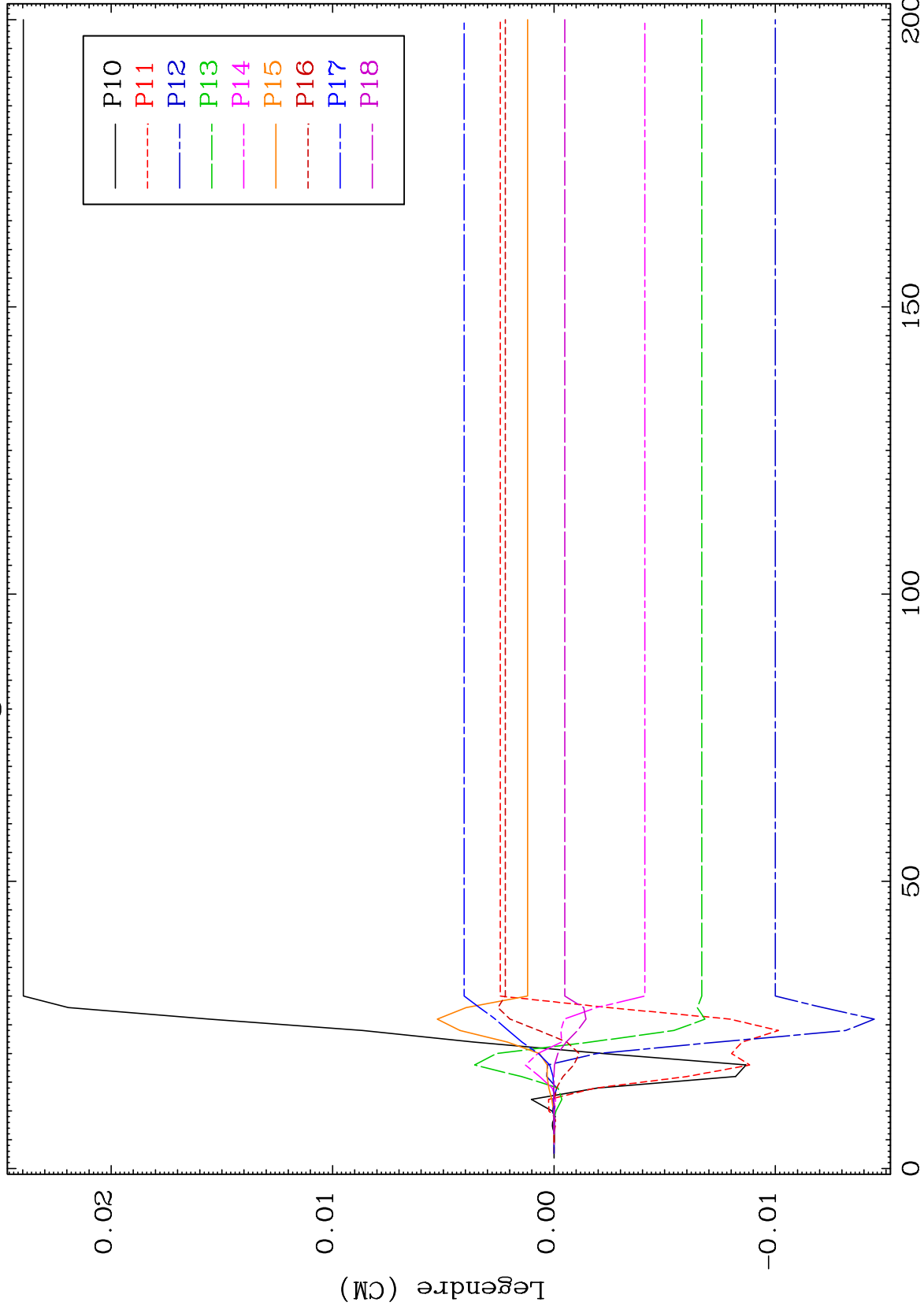
Incident Energy (MeV)

95

MAT 7431

1.790 MeV (n,n') Level
Legendre Coefficients

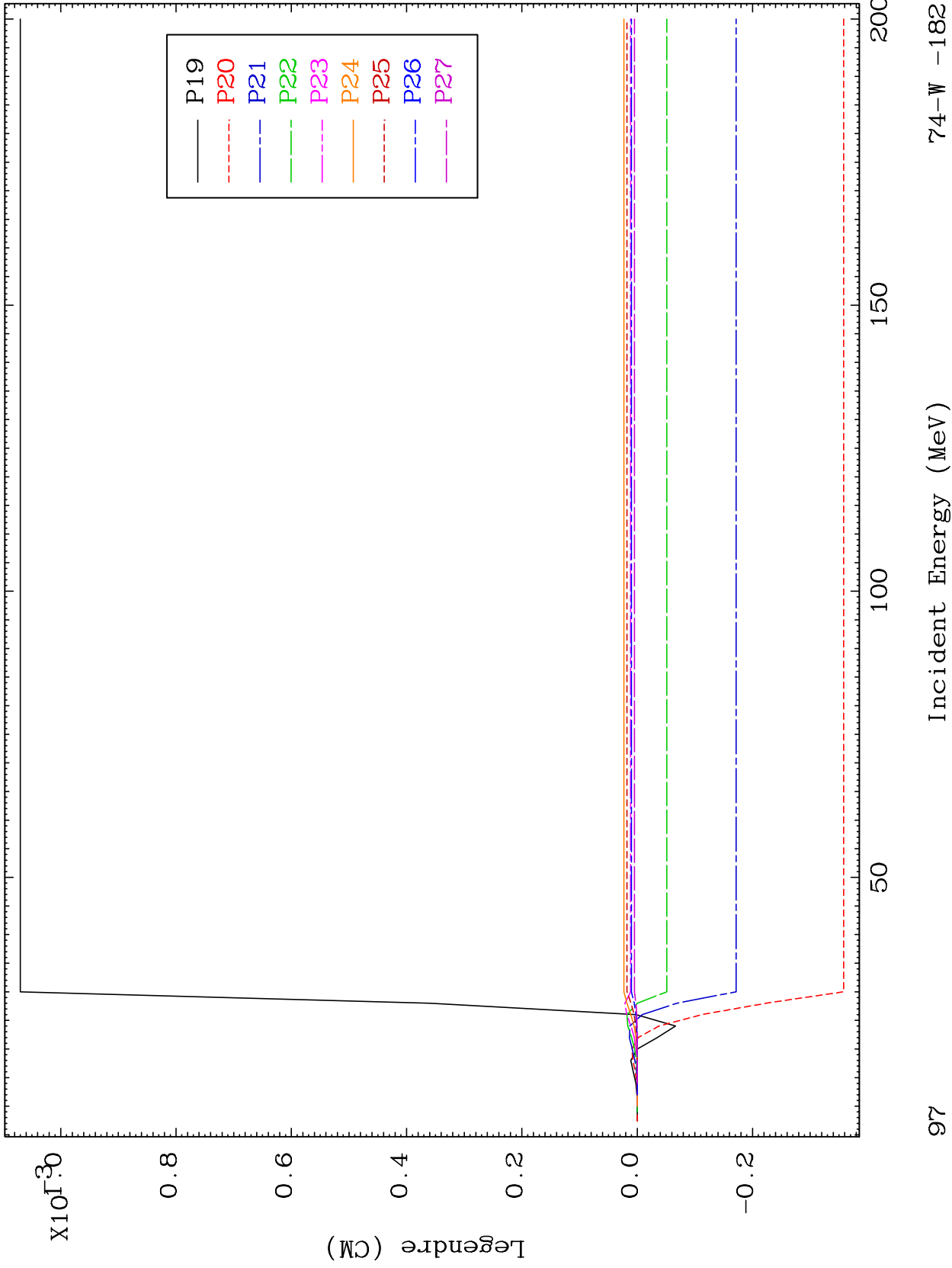
74-W -182



96

Incident Energy (MeV)

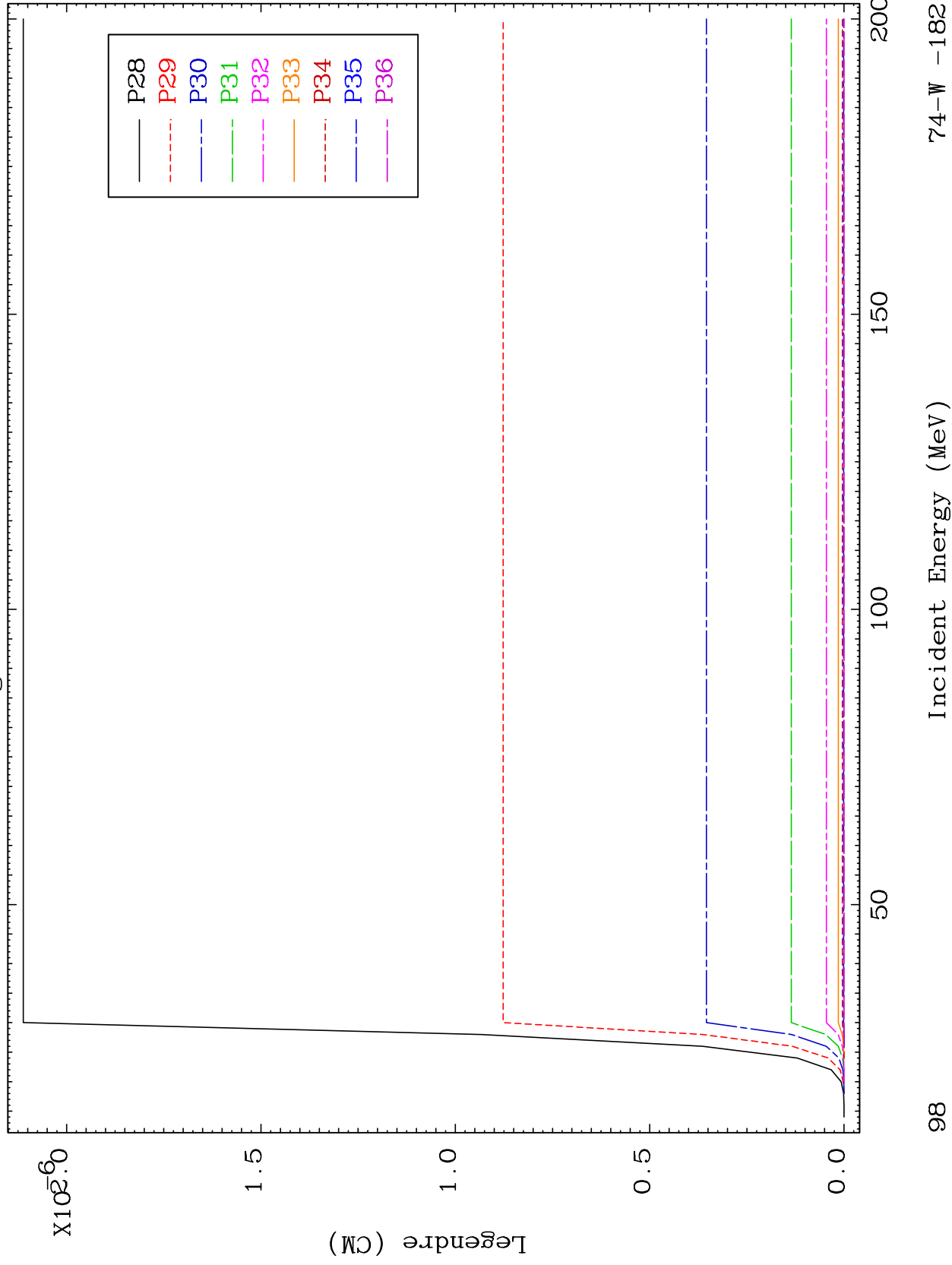
74-W -182



MAT 7431

1.790 MeV (n,n') Level
Legendre Coefficients

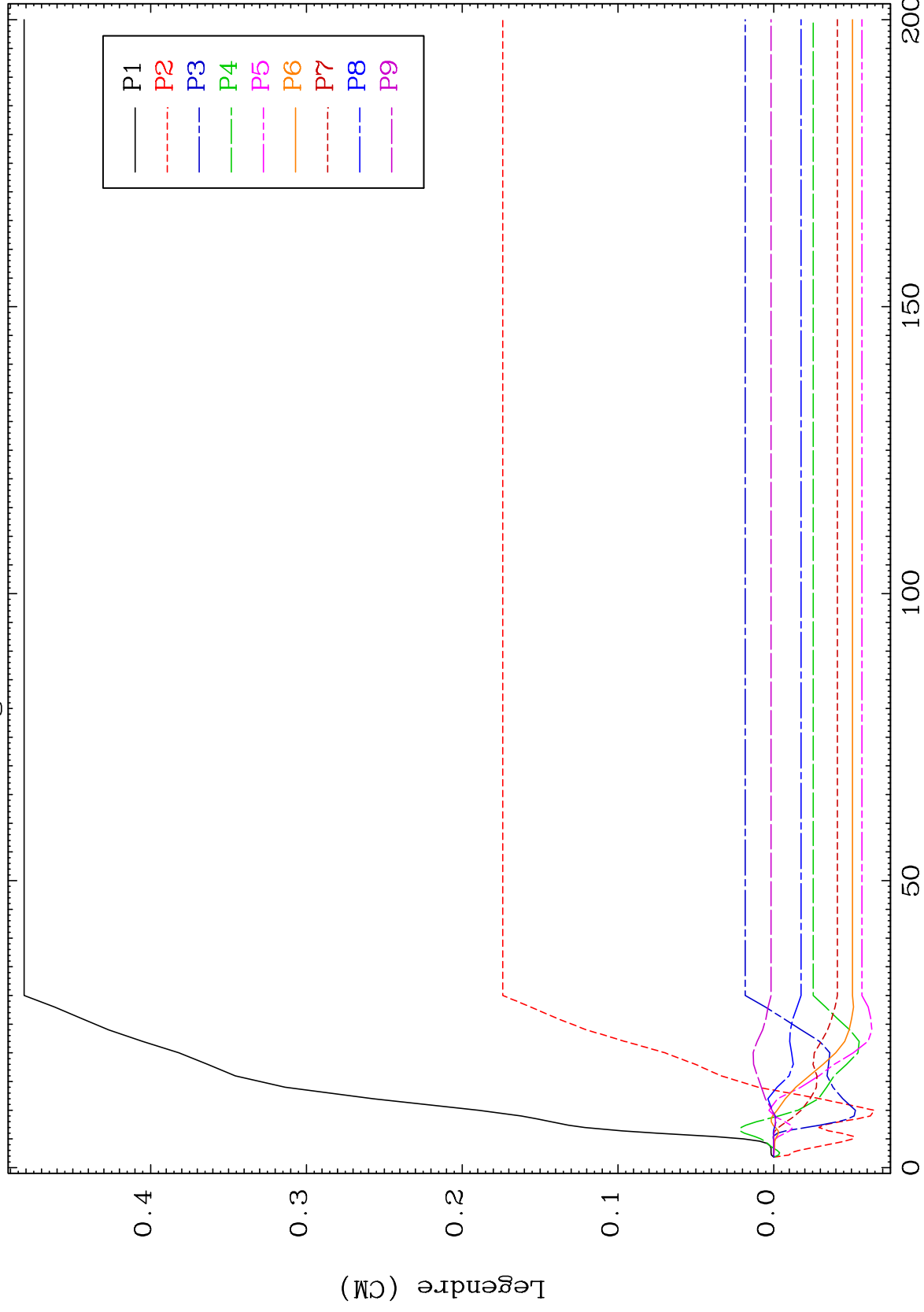
74-W -182

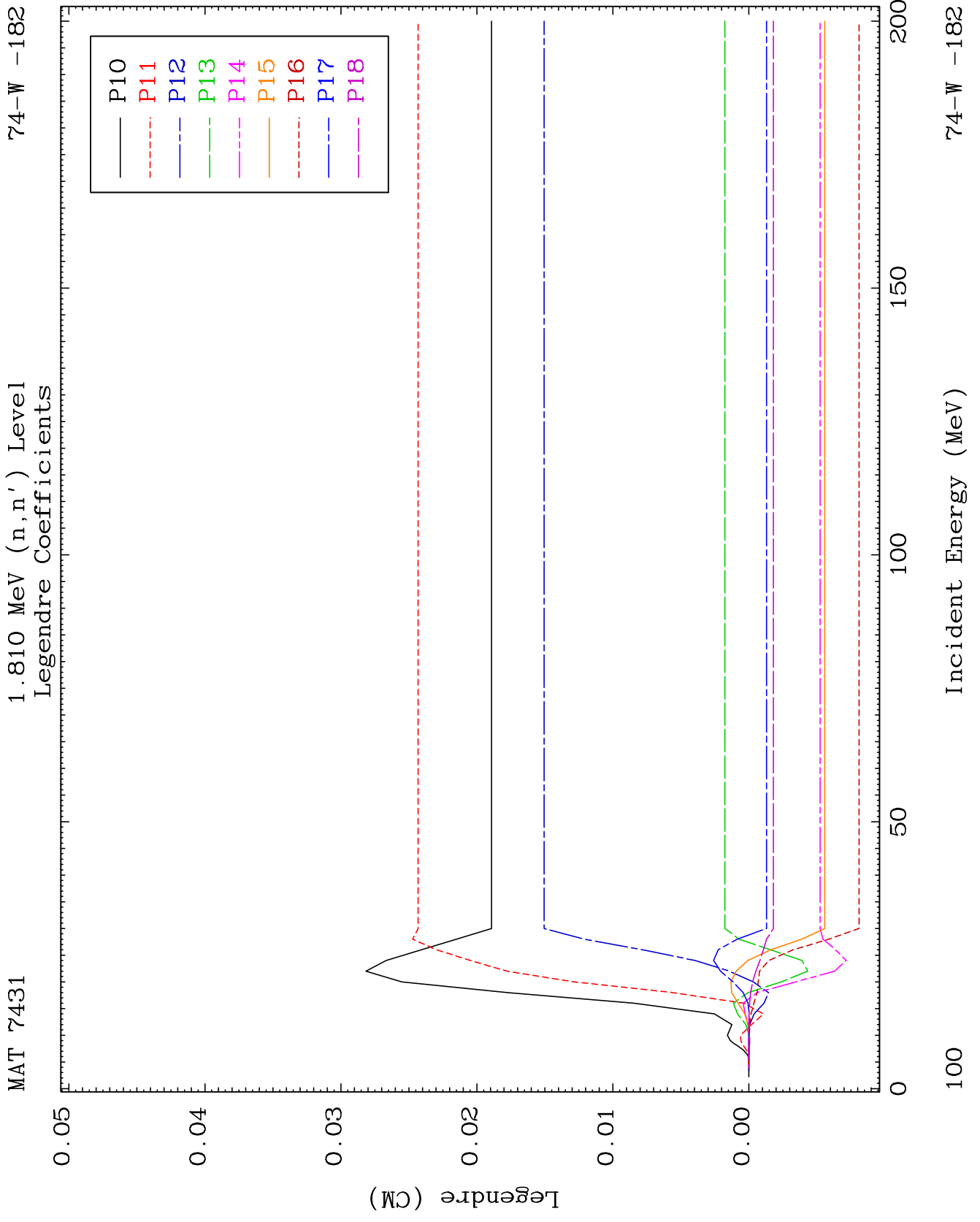


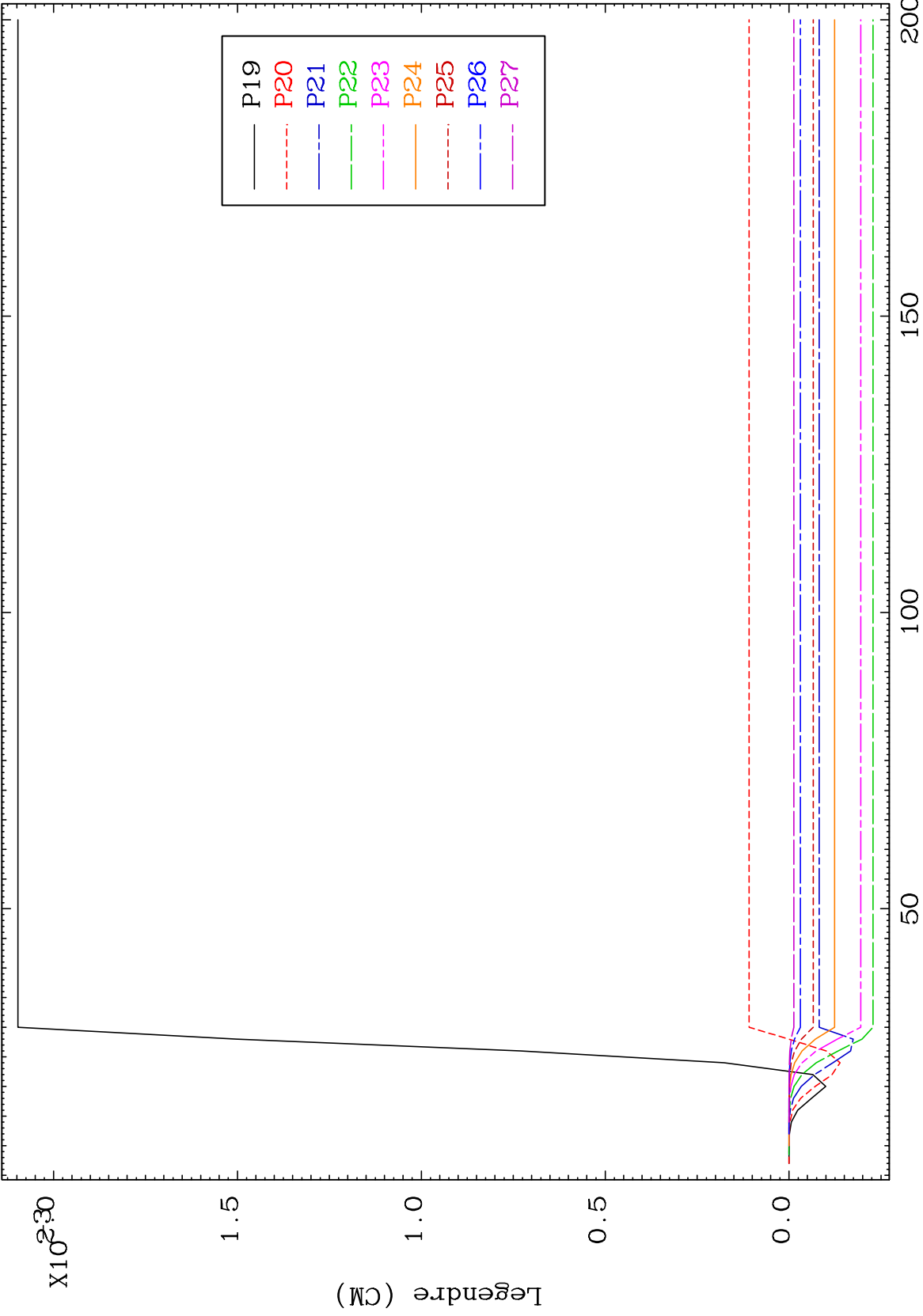
98

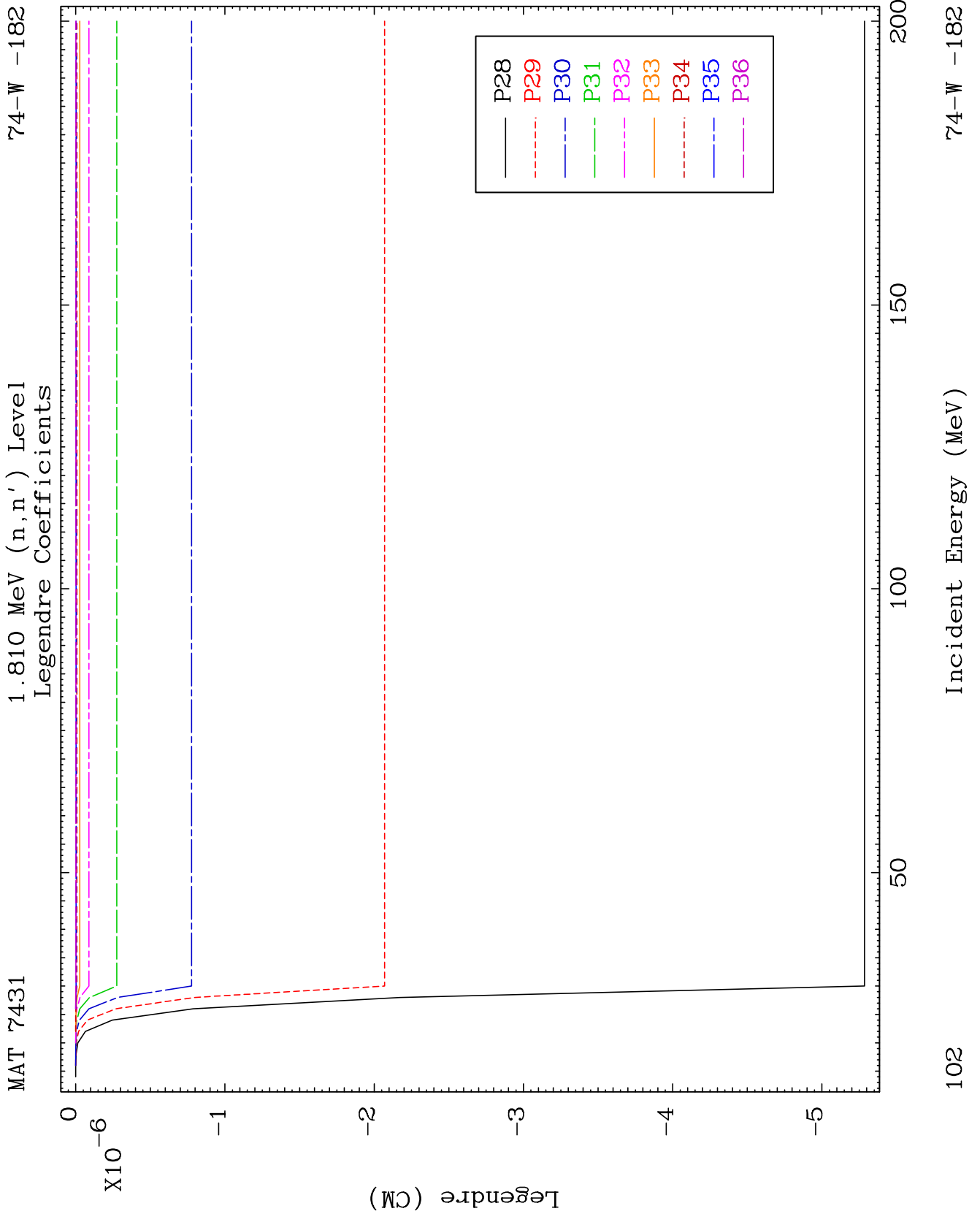
Incident Energy (MeV)

74-W -182





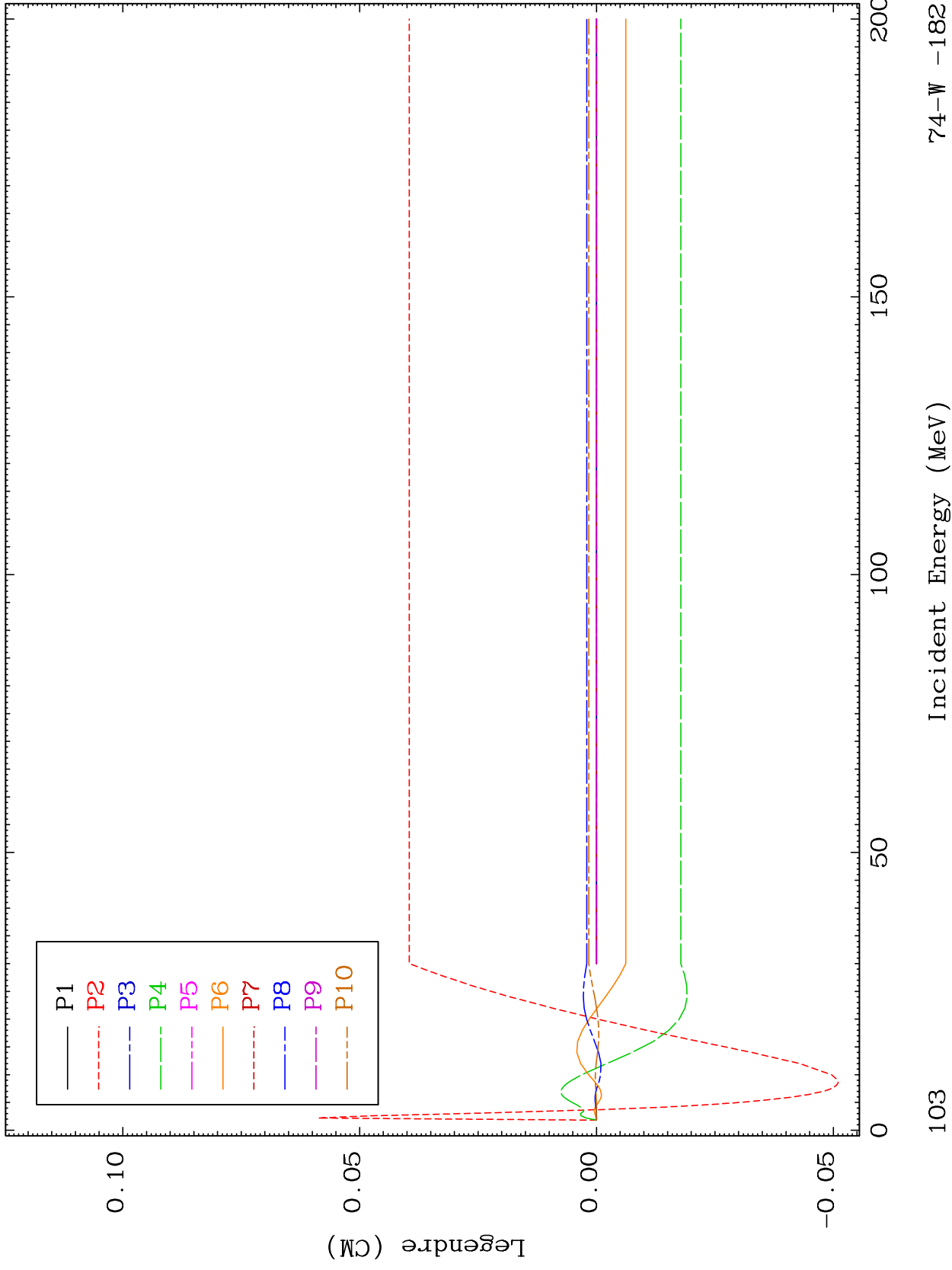




MAT 7431

1.811 MeV (n,n') Level
Legendre Coefficients

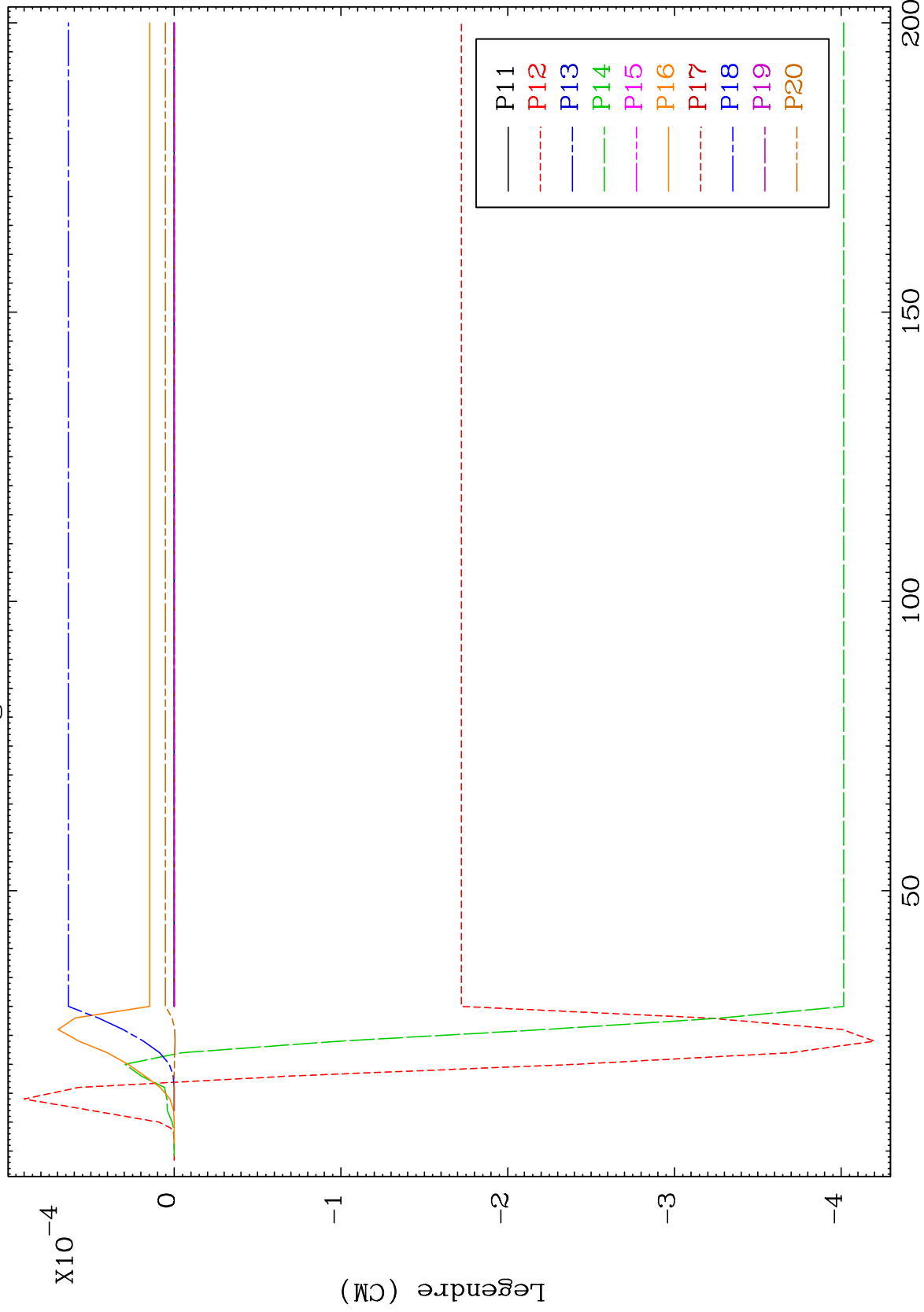
74-W -182

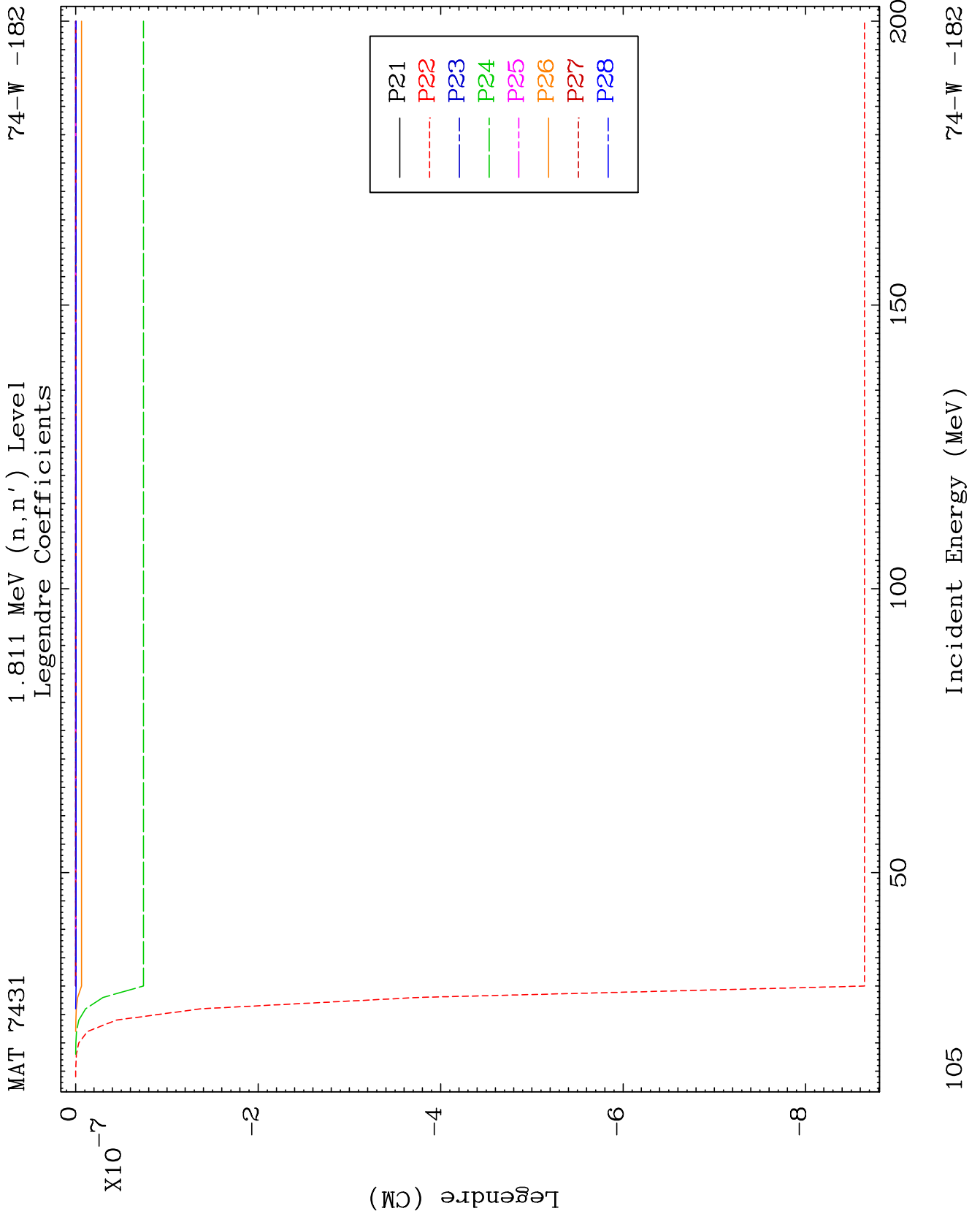


103

Incident Energy (MeV)

74-W -182

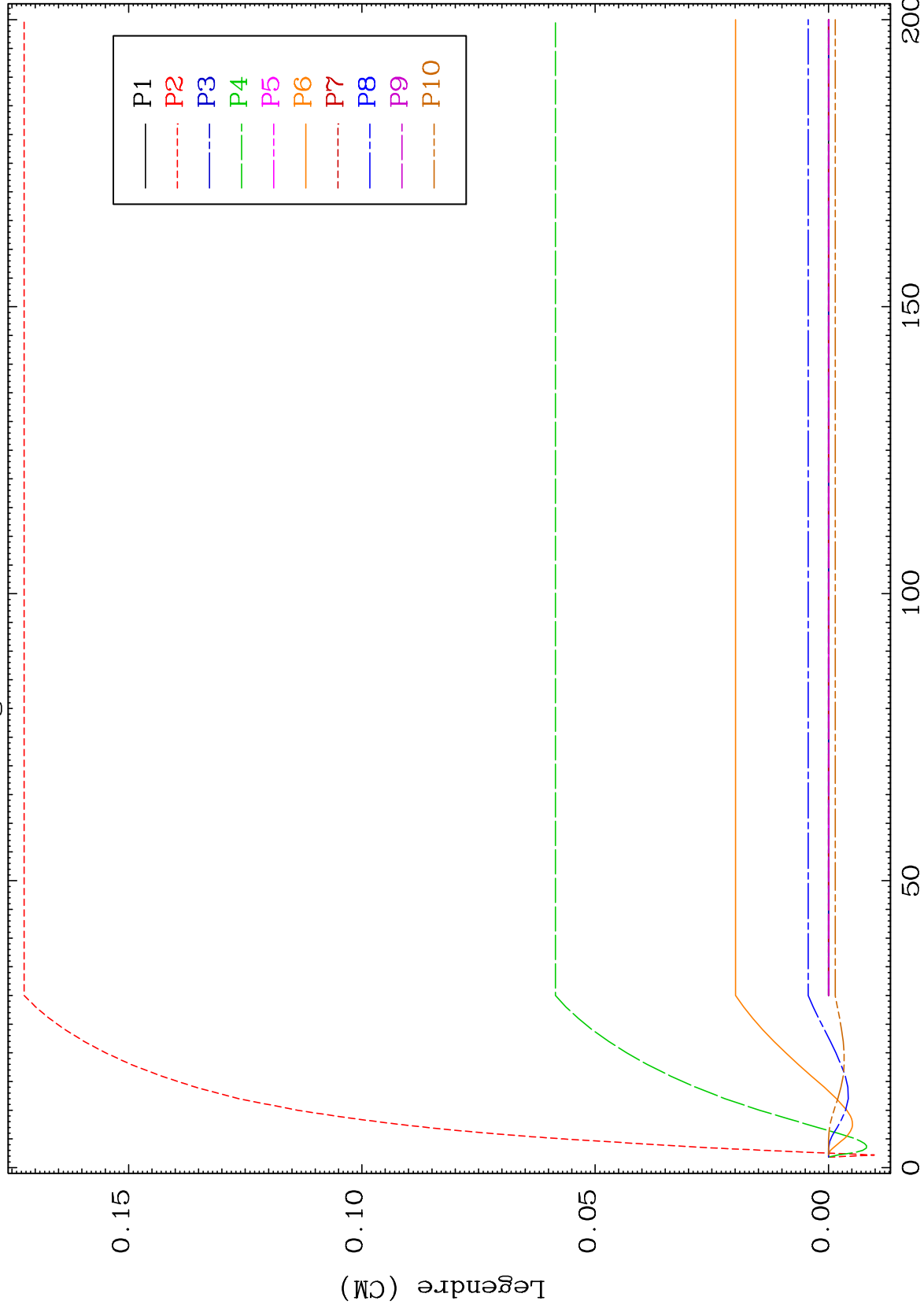




MAT 7431

1.813 MeV (n,n') Level
Legendre Coefficients

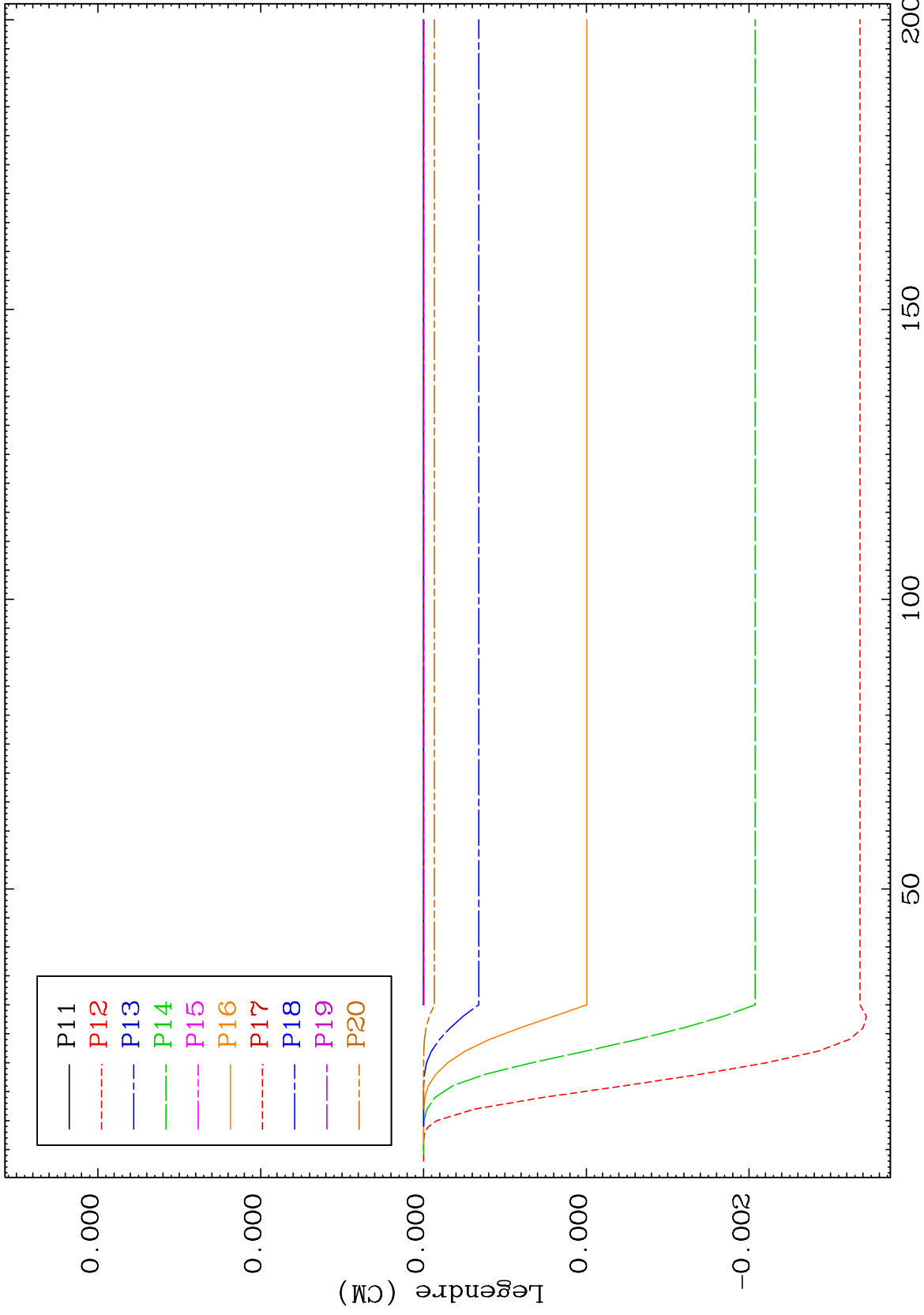
74-W -182

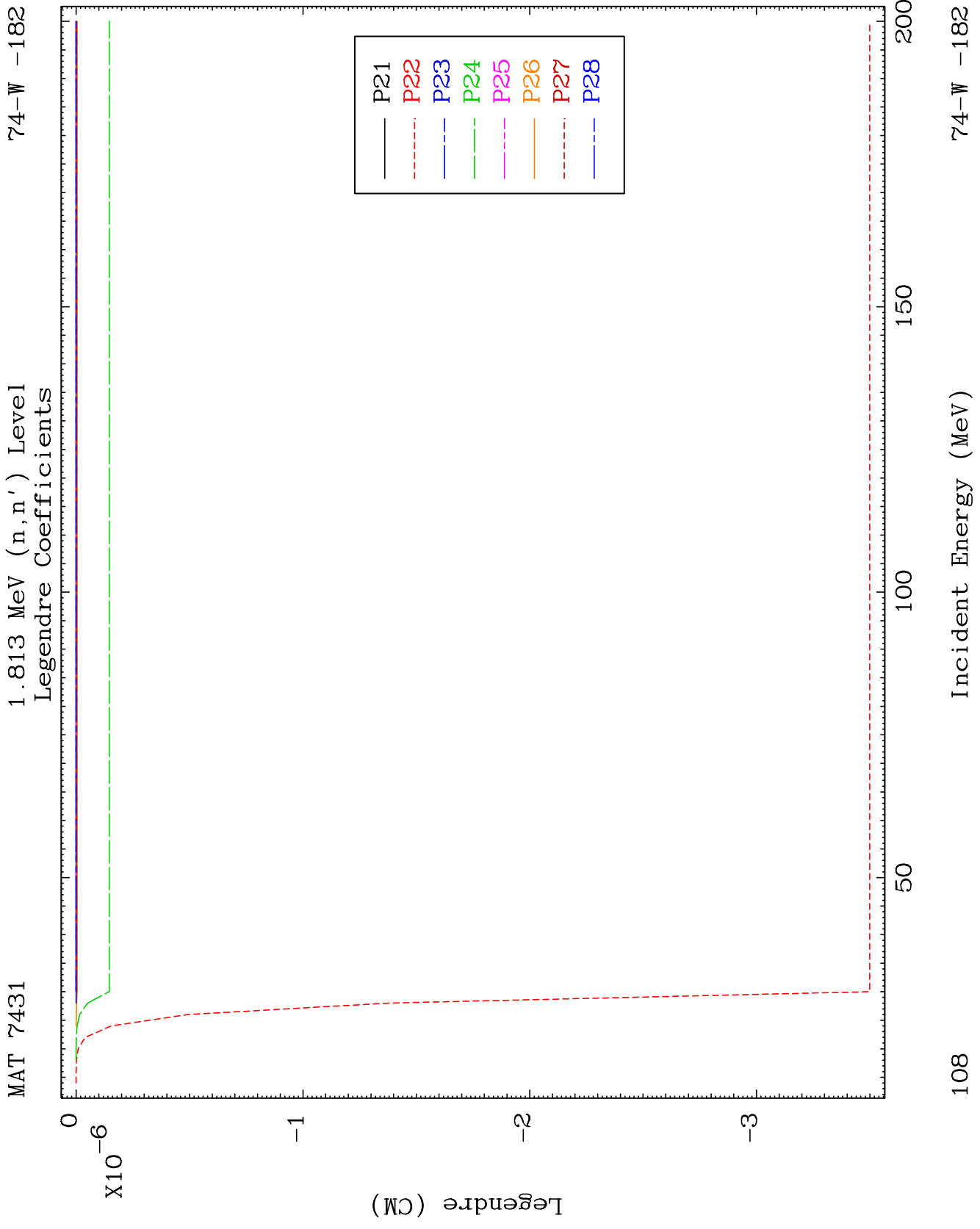


106

Incident Energy (MeV)

74-W -182

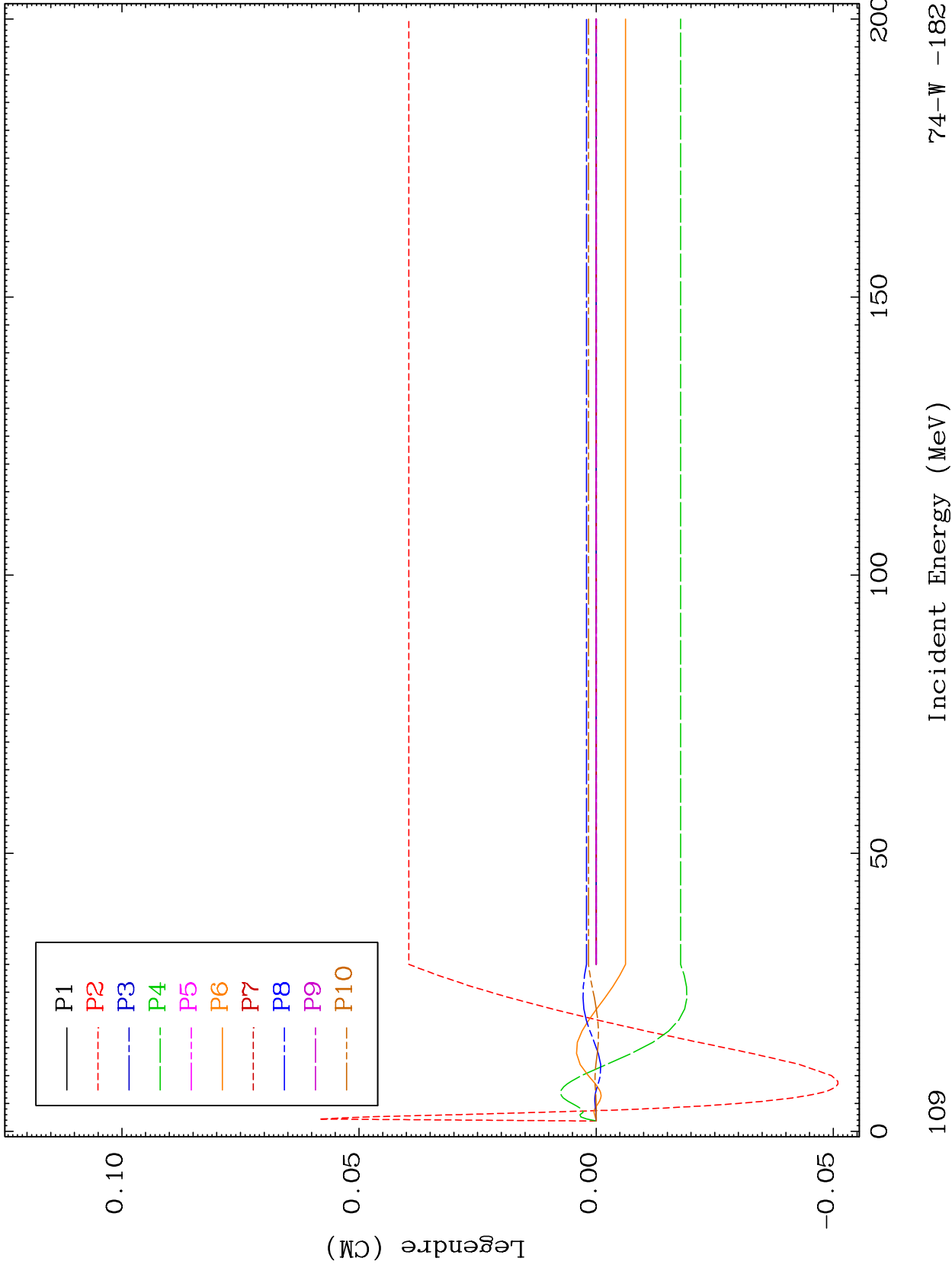


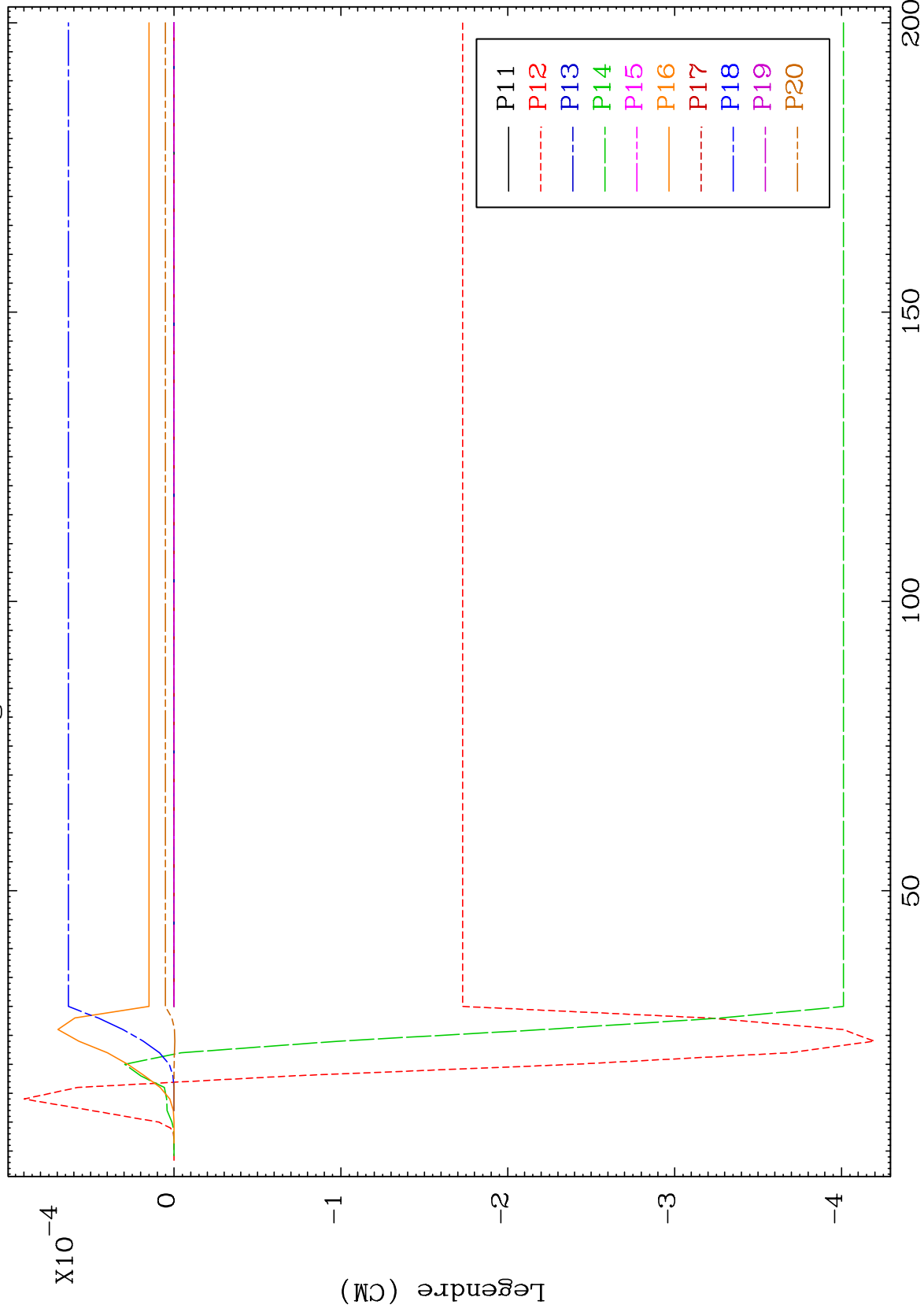


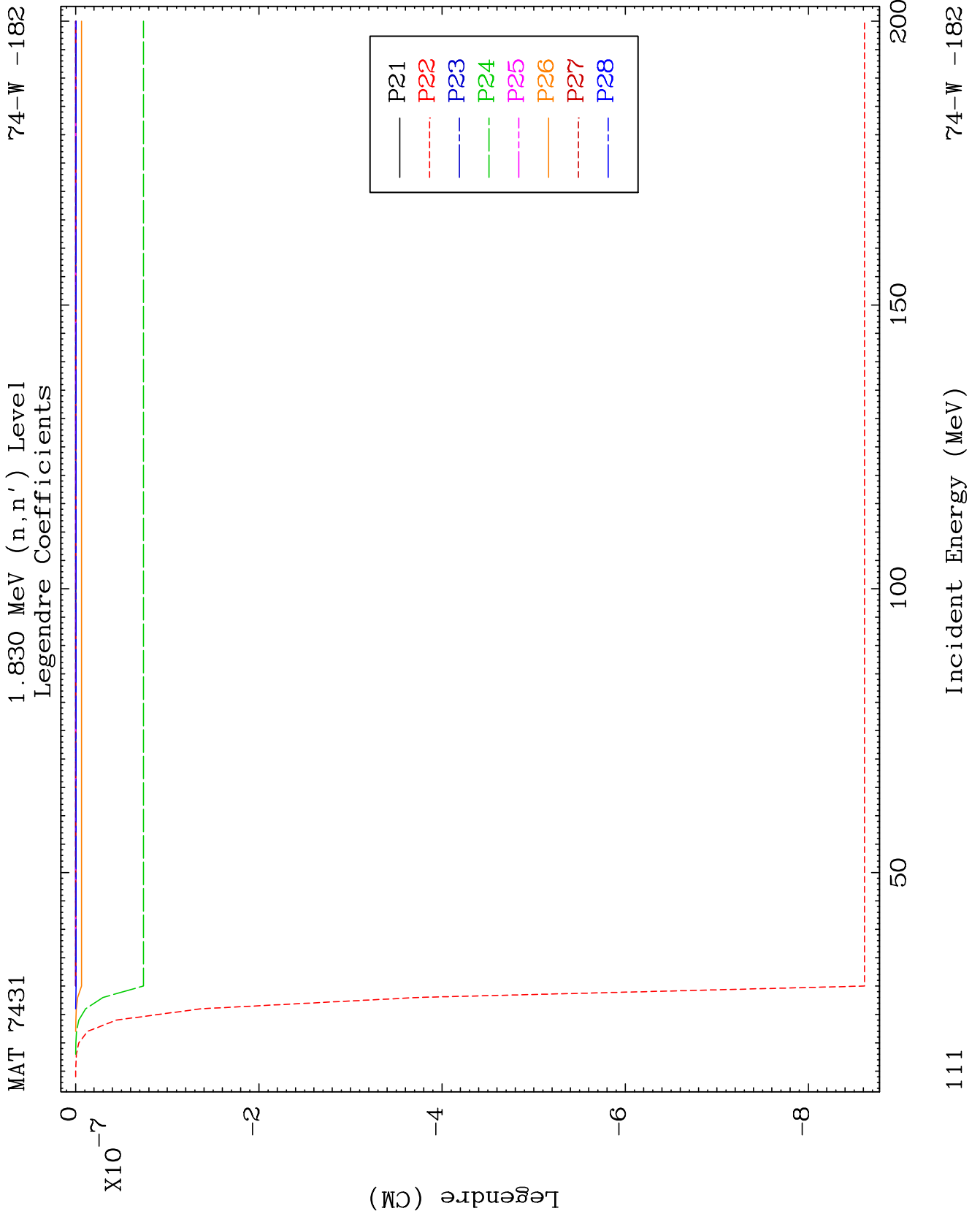
MAT 7431

1.830 MeV (n,n') Level
Legendre Coefficients

74-W -182



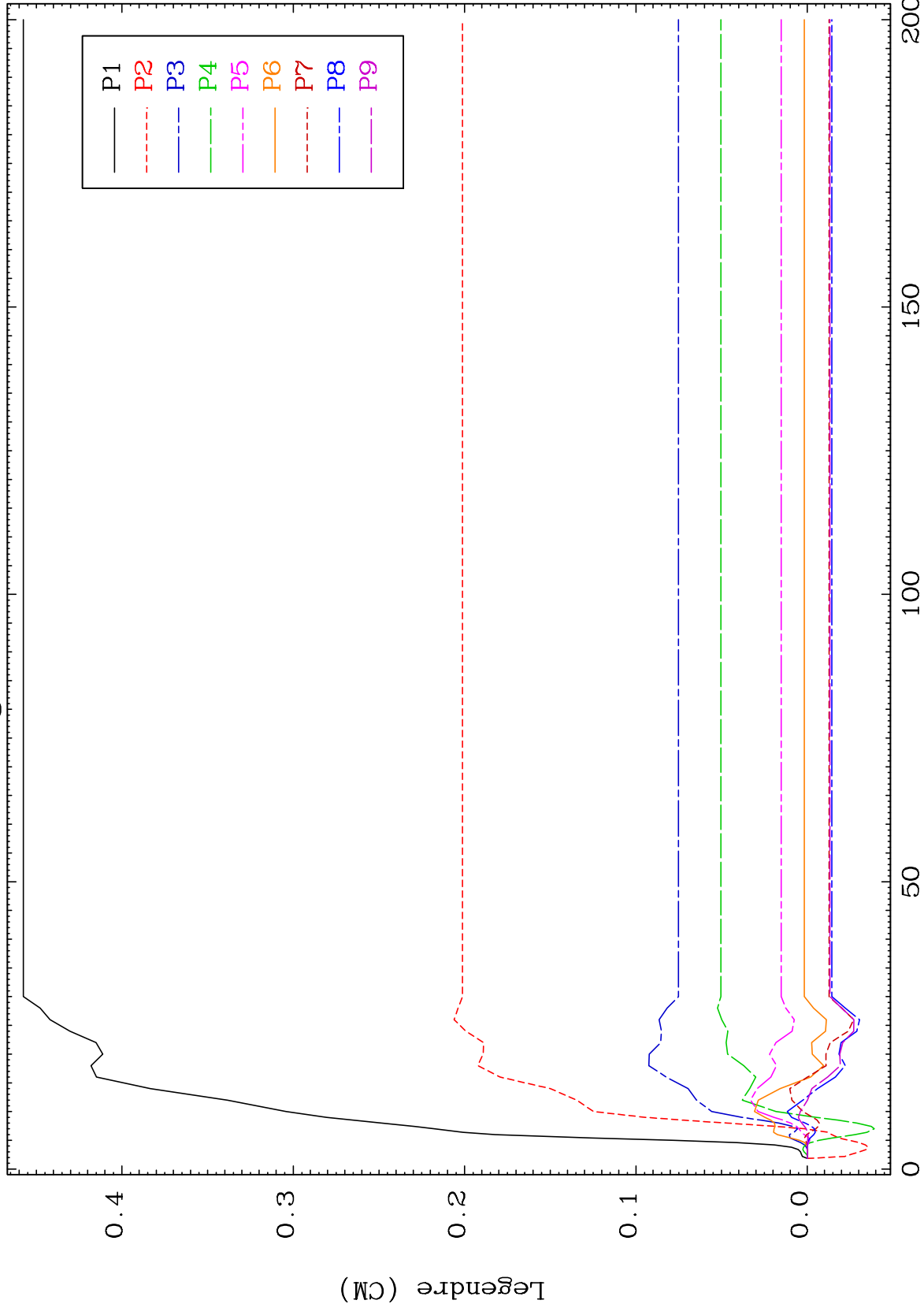




MAT 7431

1.833 MeV (n,n') Level
Legendre Coefficients

74-W -182



112

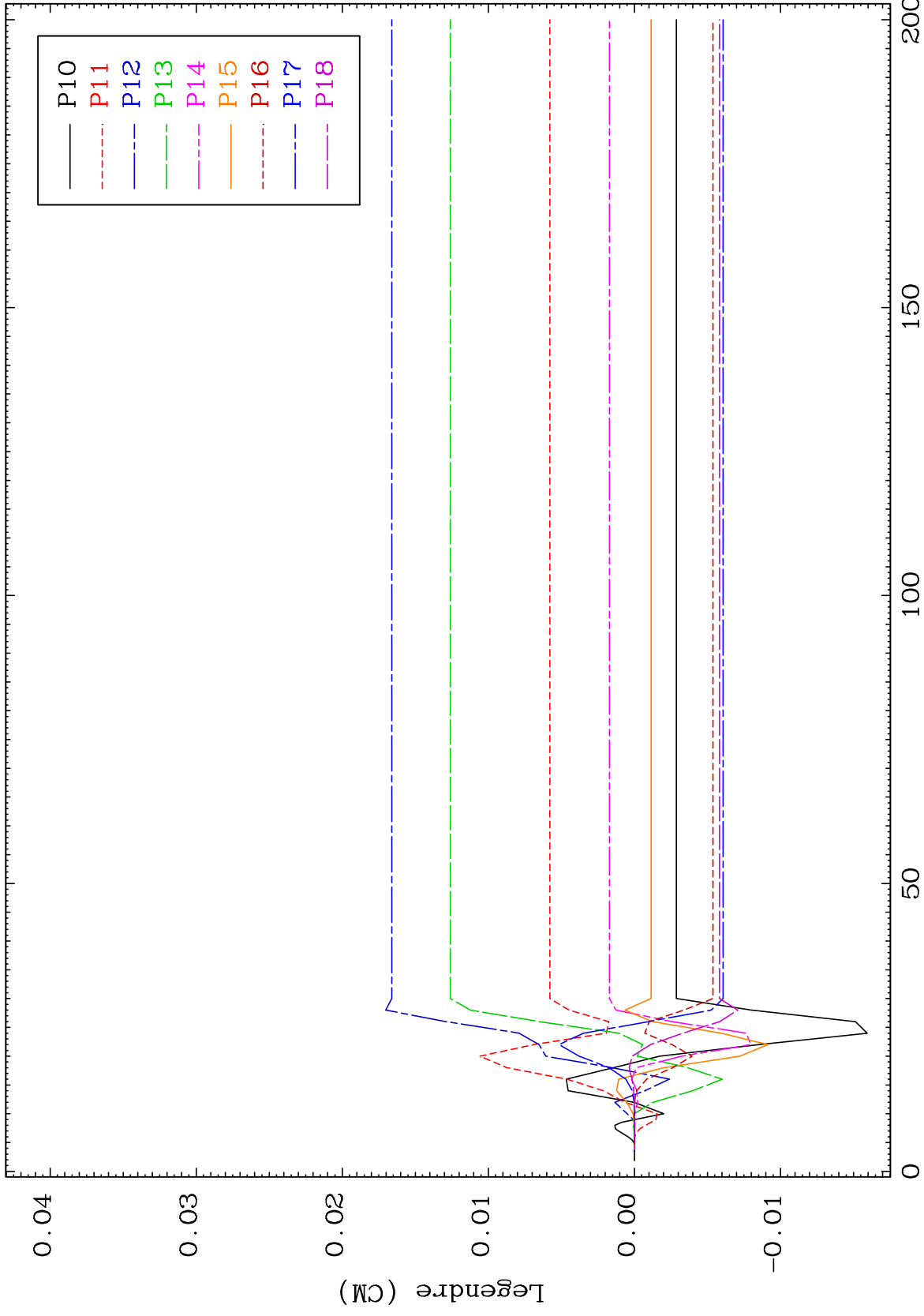
Incident Energy (MeV)

74-W -182

MAT 7431

1.833 MeV (n,n') Level
Legendre Coefficients

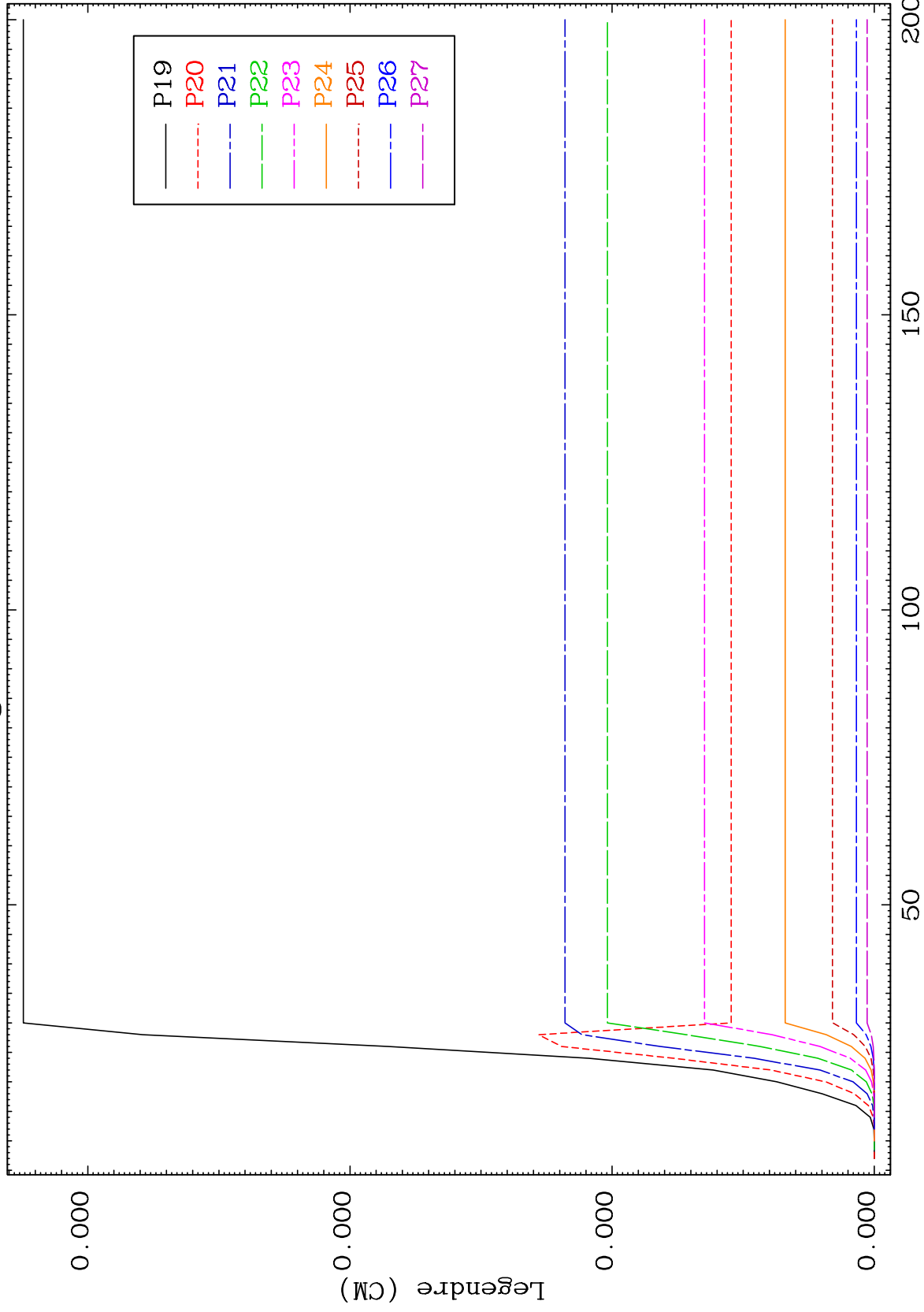
74-W -182



113

Incident Energy (MeV)

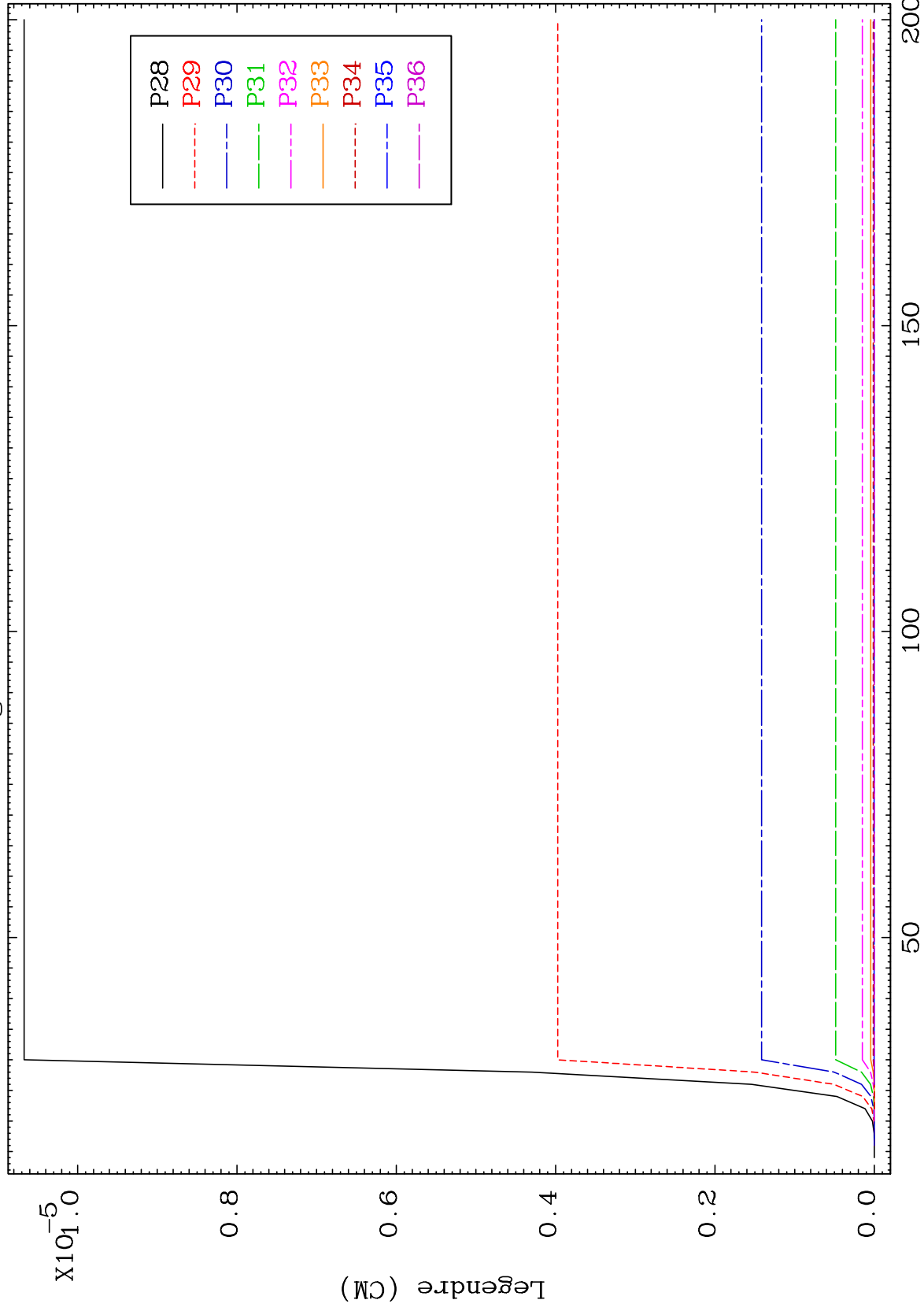
74-W -182



MAT 7431

1.833 MeV (n,n') Level
Legendre Coefficients

74-W -182



115

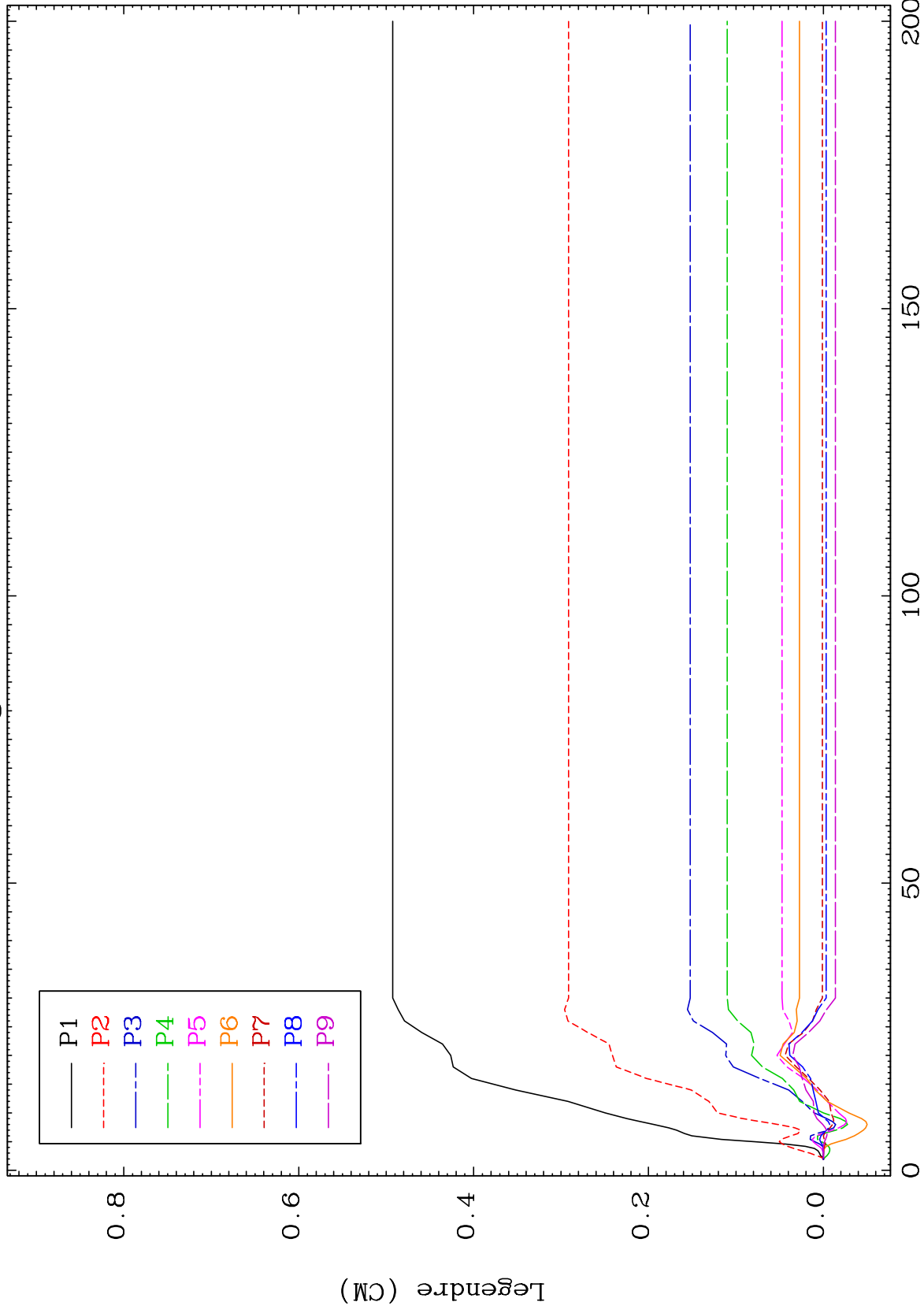
Incident Energy (MeV)

74-W -182

MAT 7431

1.856 MeV (n,n') Level
Legendre Coefficients

74-W -182



116

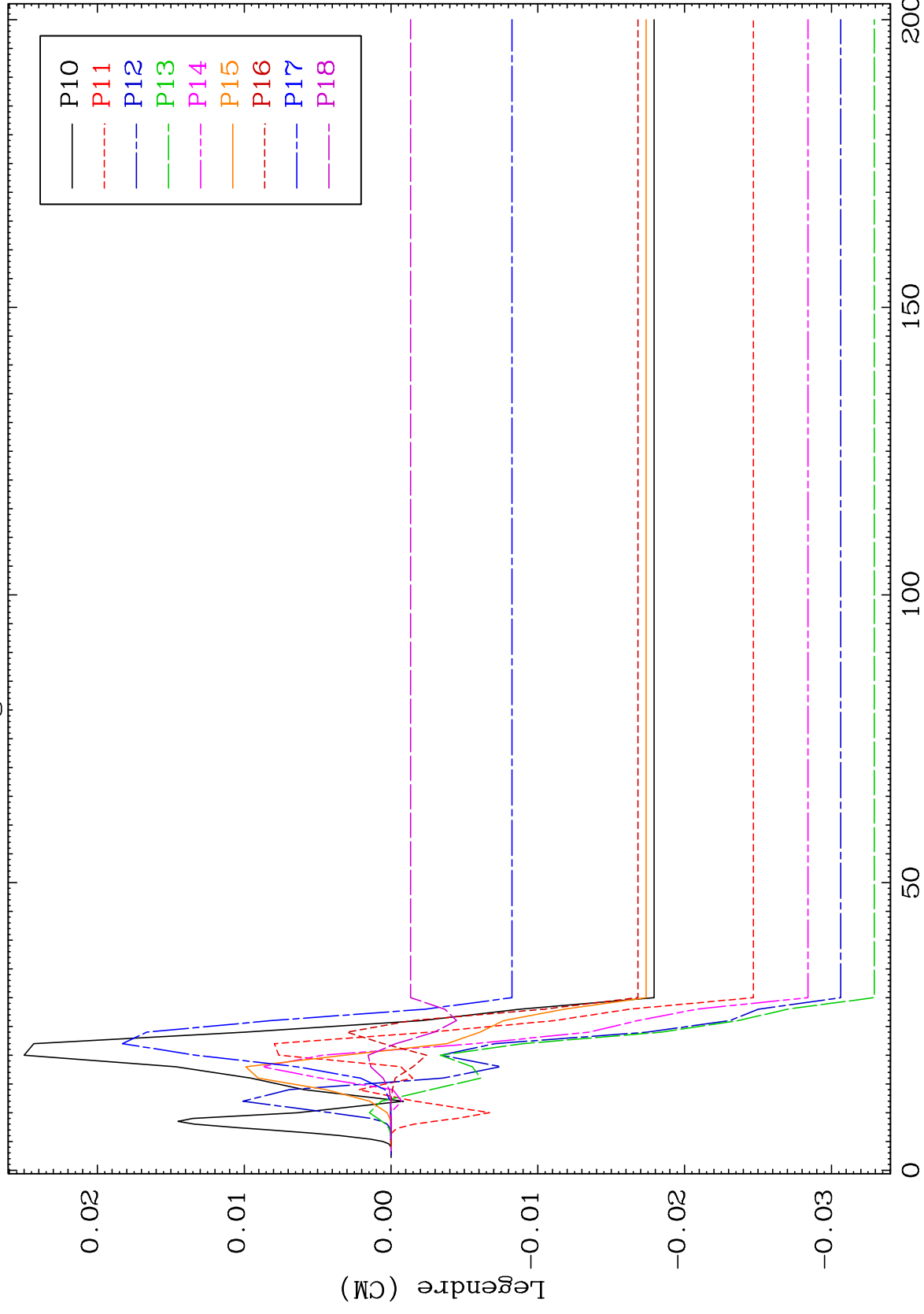
Incident Energy (MeV)

74-W -182

MAT 7431

1.856 MeV (n,n') Level
Legendre Coefficients

74-W -182



117

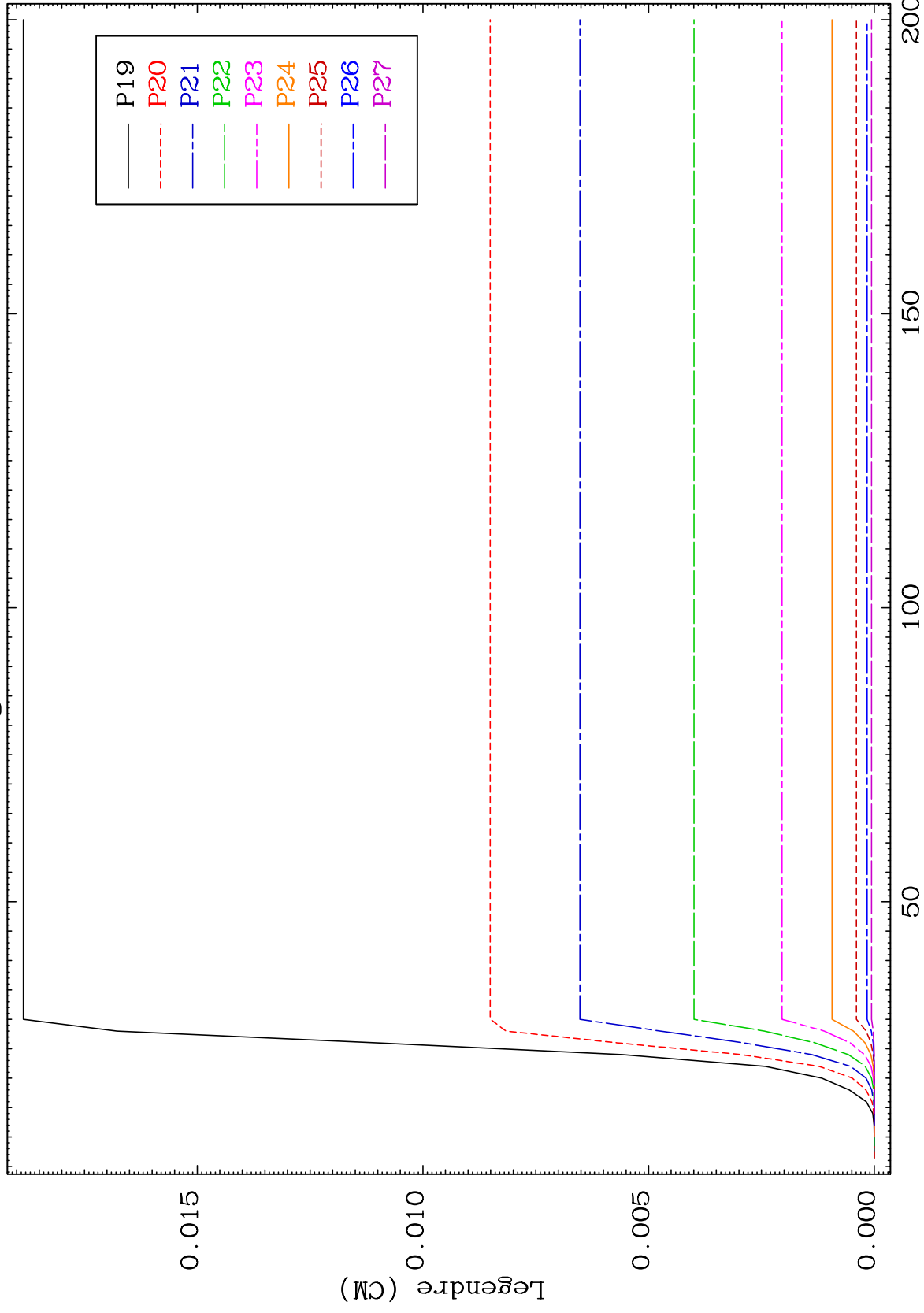
Incident Energy (MeV)

74-W -182

MAT 7431

1.856 MeV (n,n') Level
Legendre Coefficients

74-W -182



118

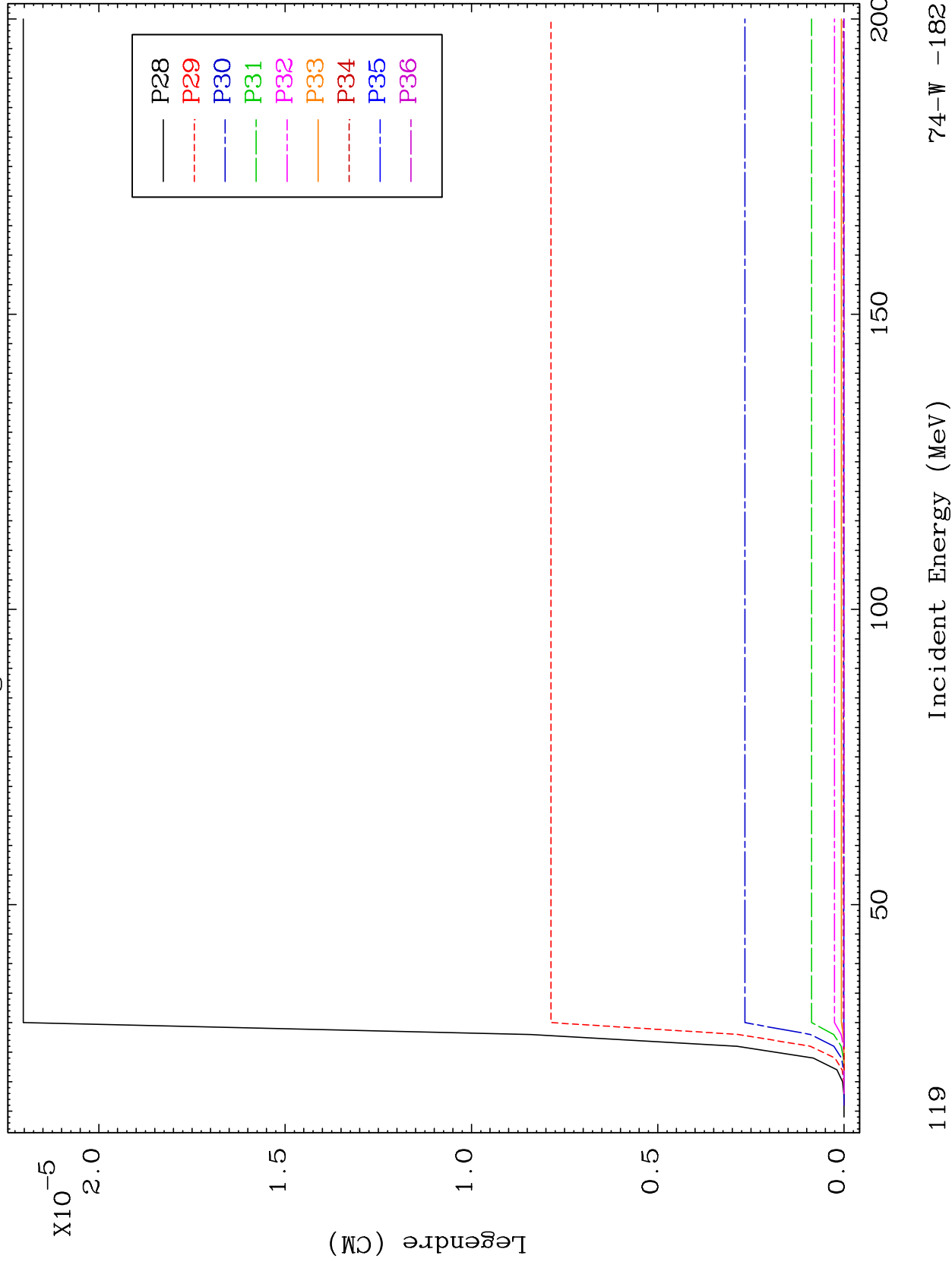
Incident Energy (MeV)

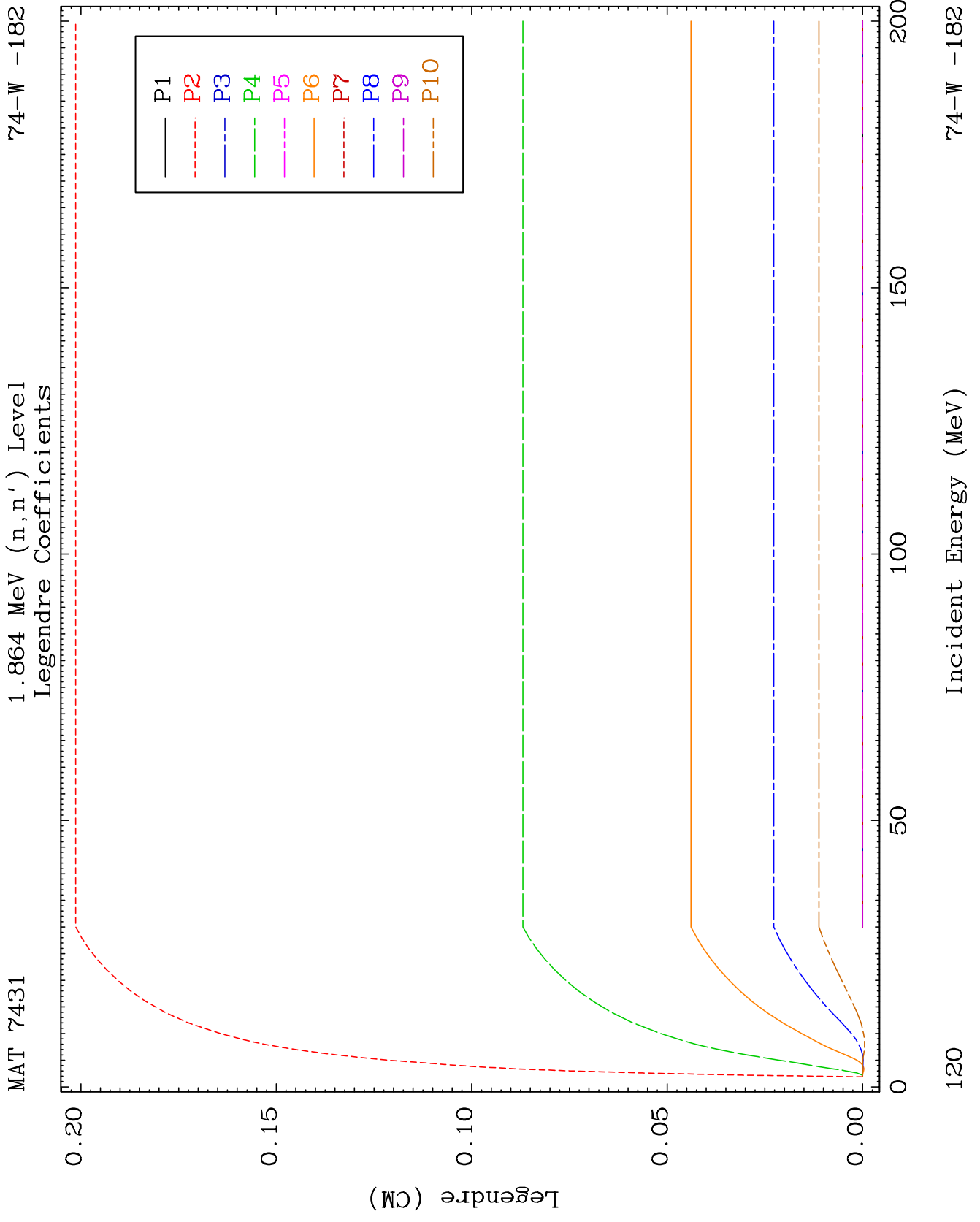
74-W -182

MAT 7431

1.856 MeV (n,n') Level
Legendre Coefficients

74-W -182

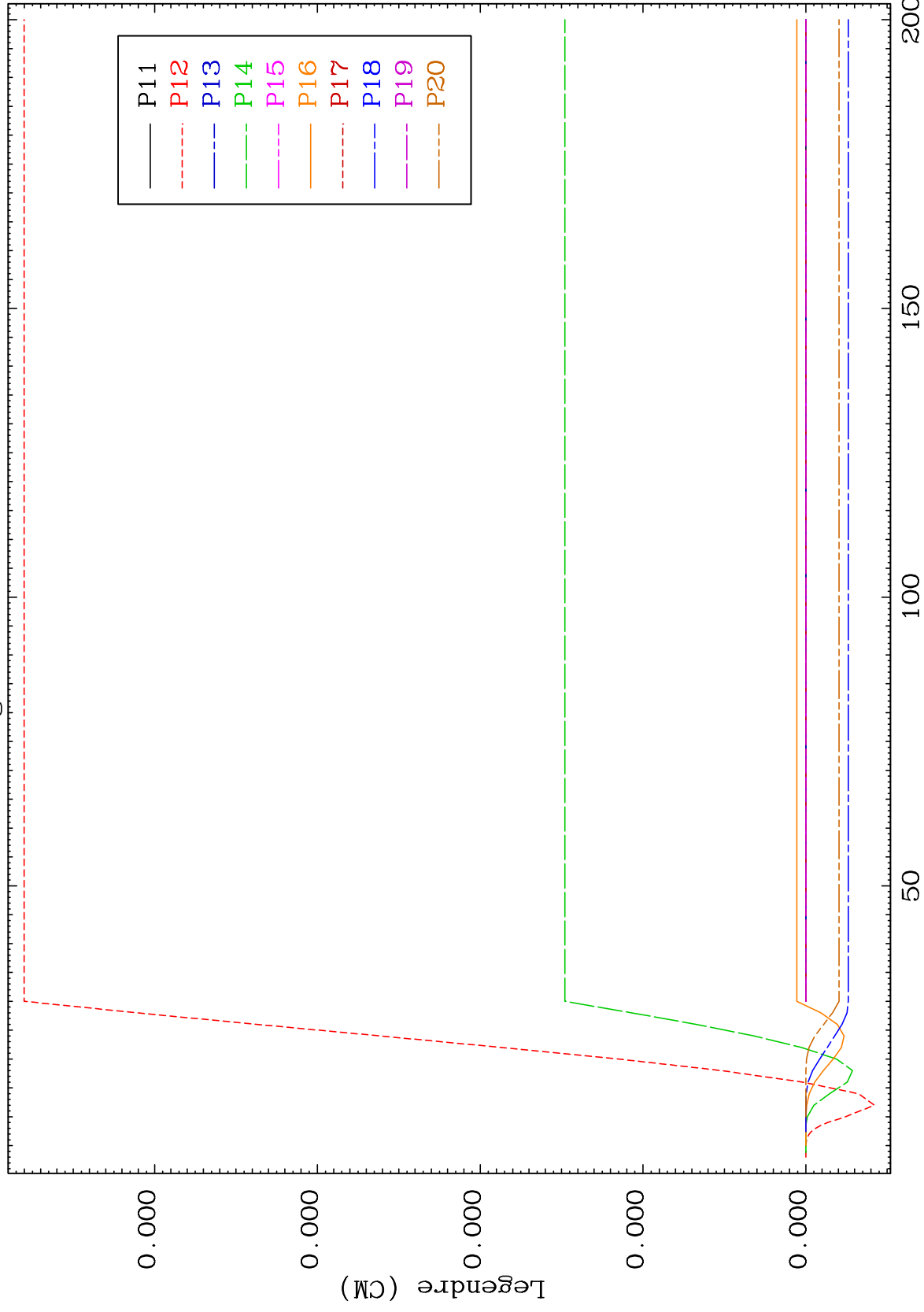




MAT 7431

1.864 MeV (n,n') Level
Legendre Coefficients

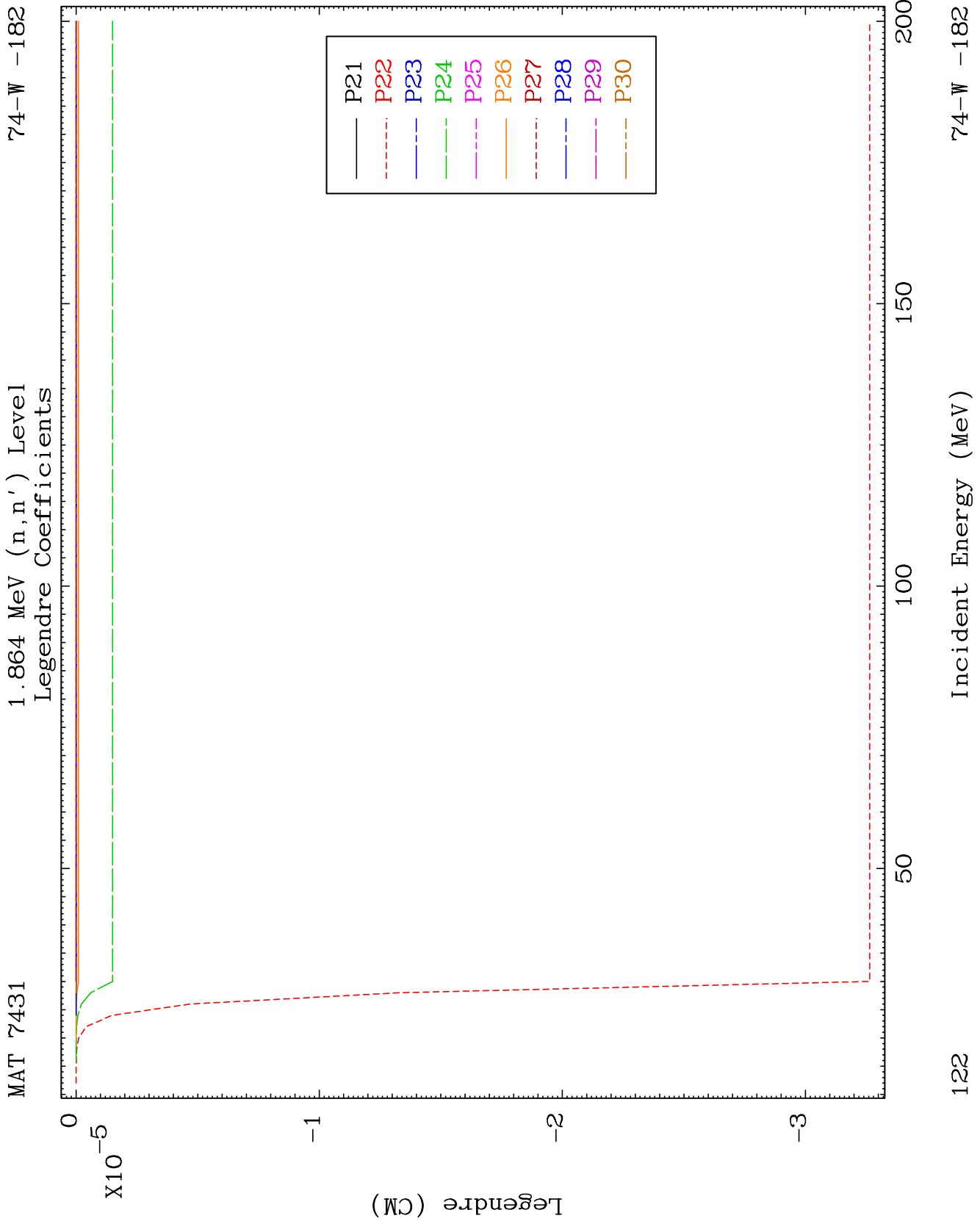
74-W -182

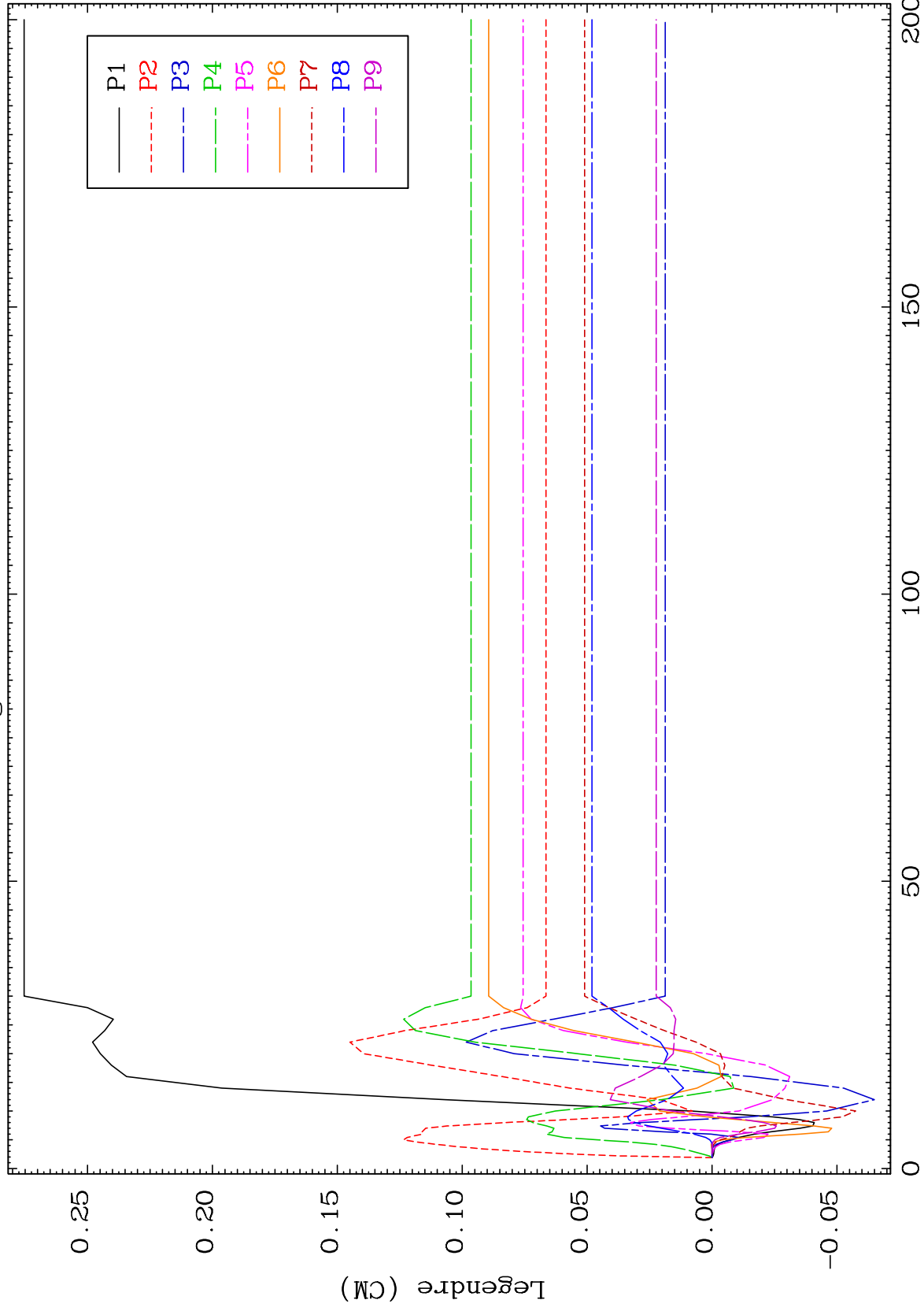


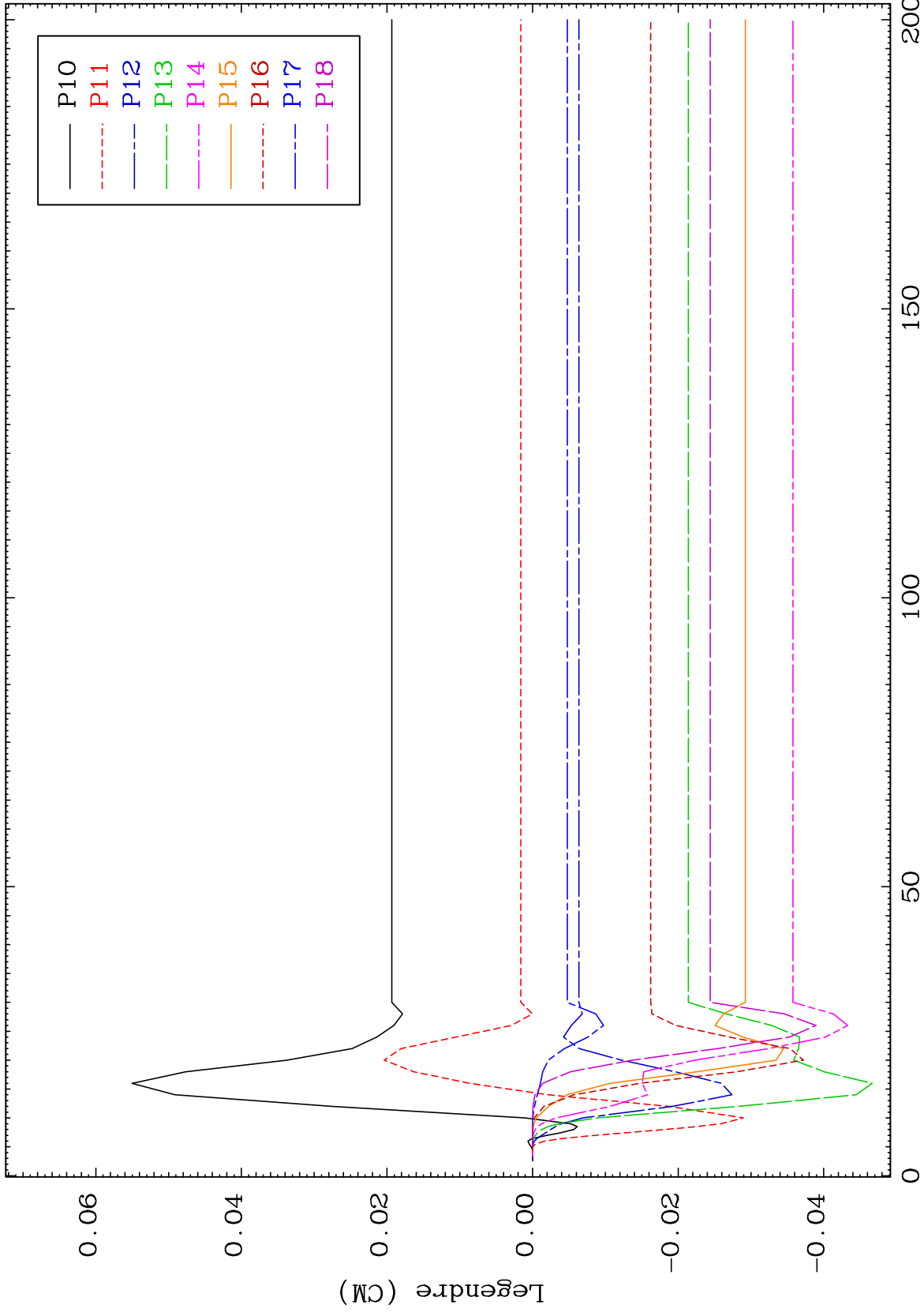
121

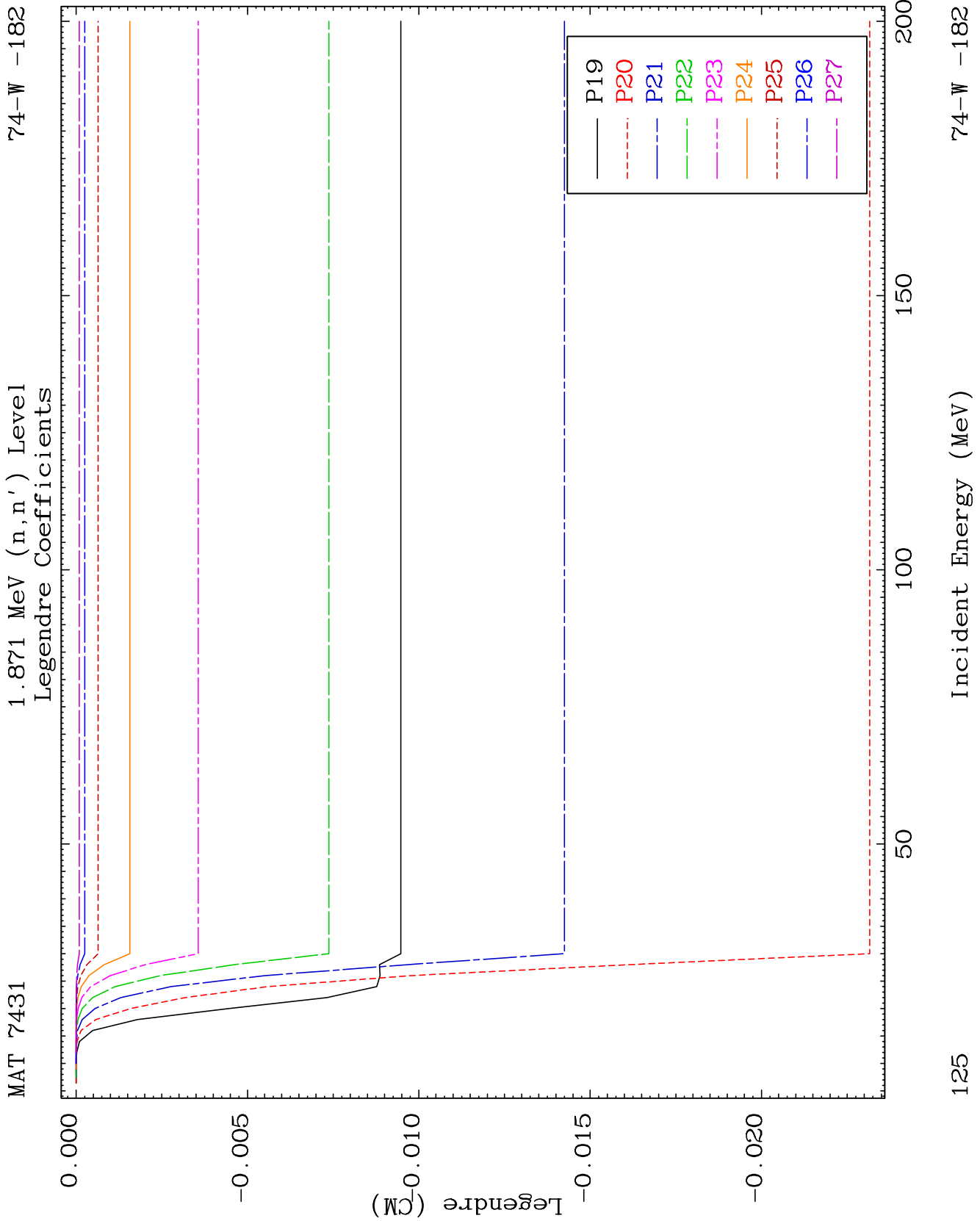
Incident Energy (MeV)

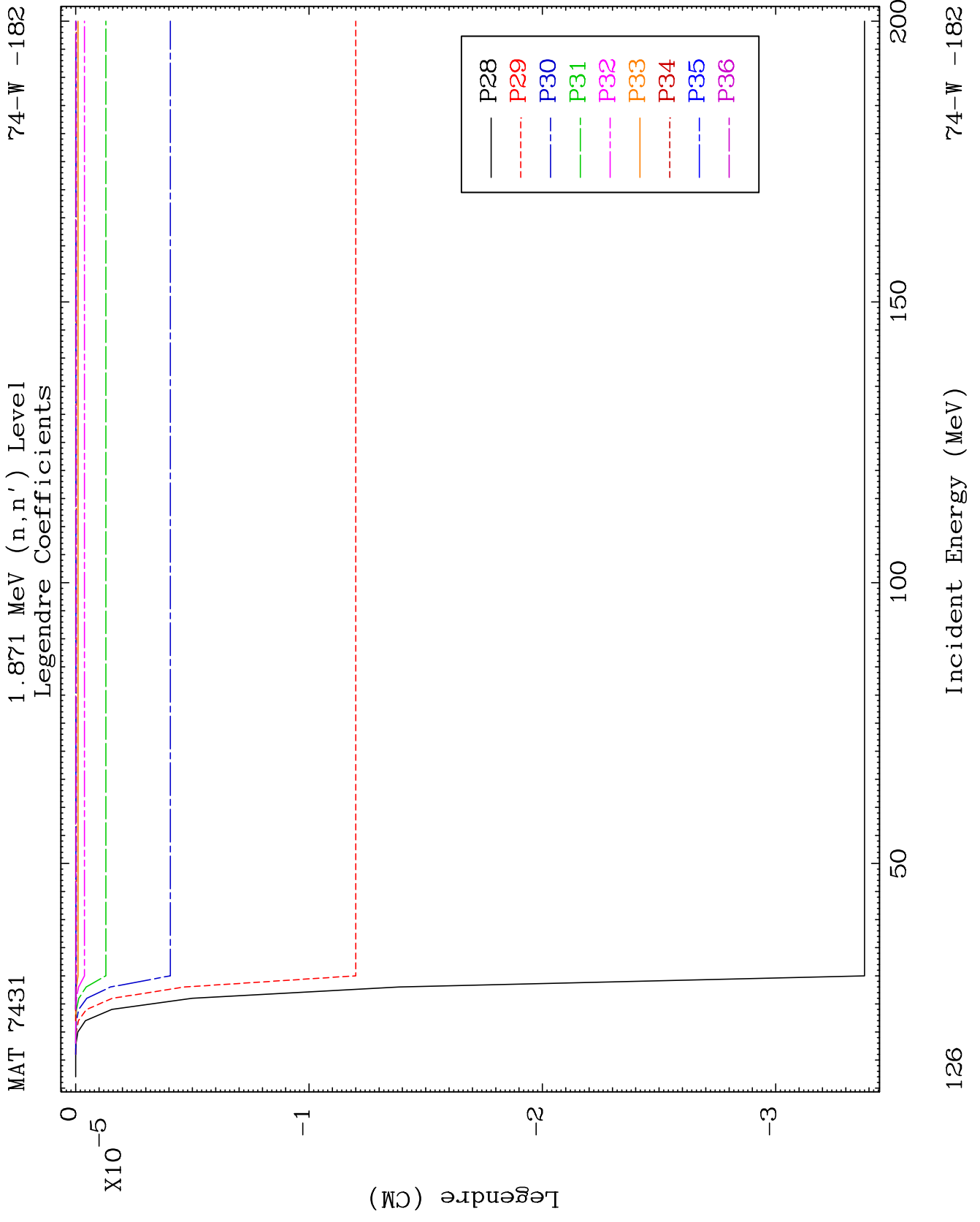
74-W -182









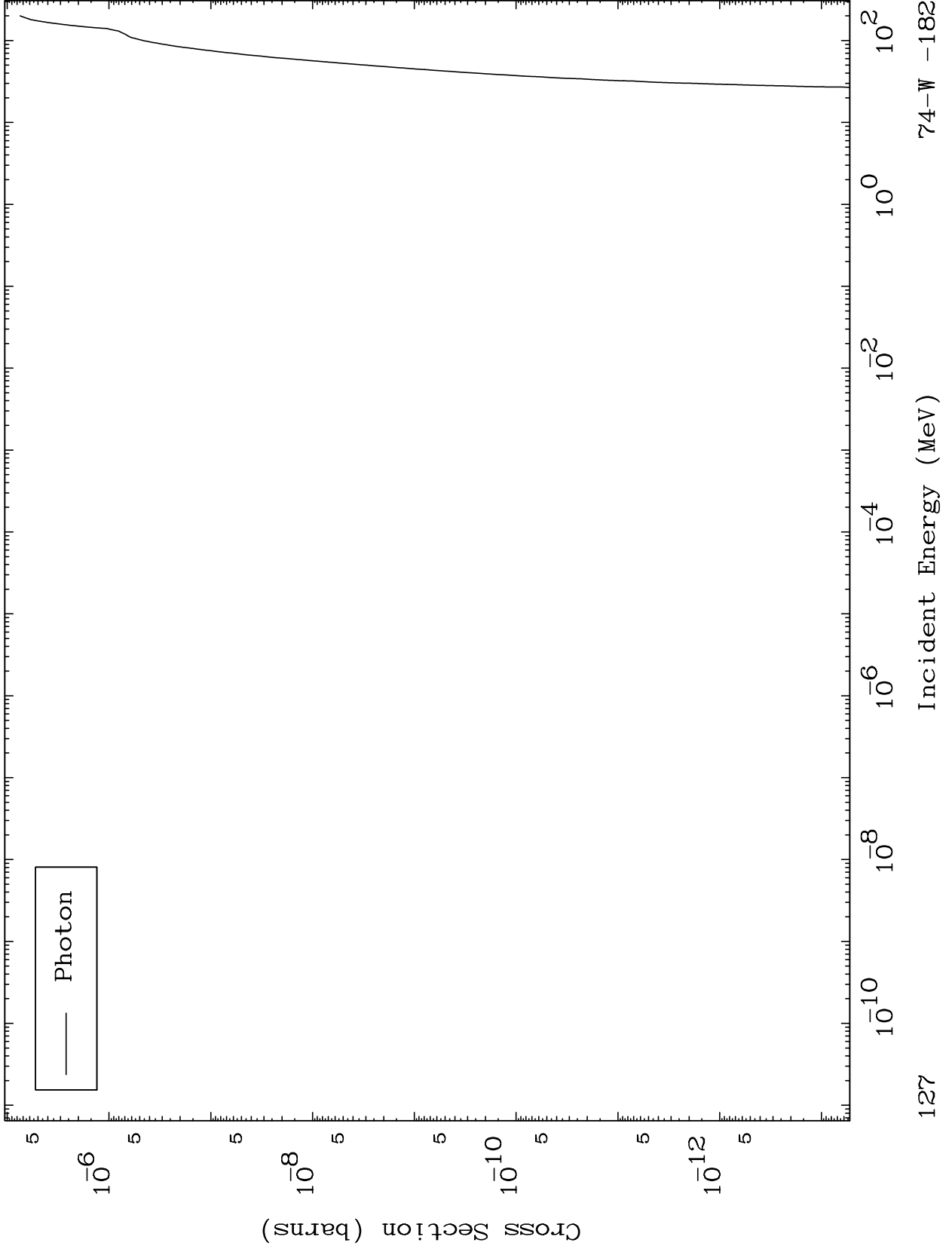


MAT 7431

Fission

74-W -182

Radionuclide Production Cross Section



127

Incident Energy (MeV)

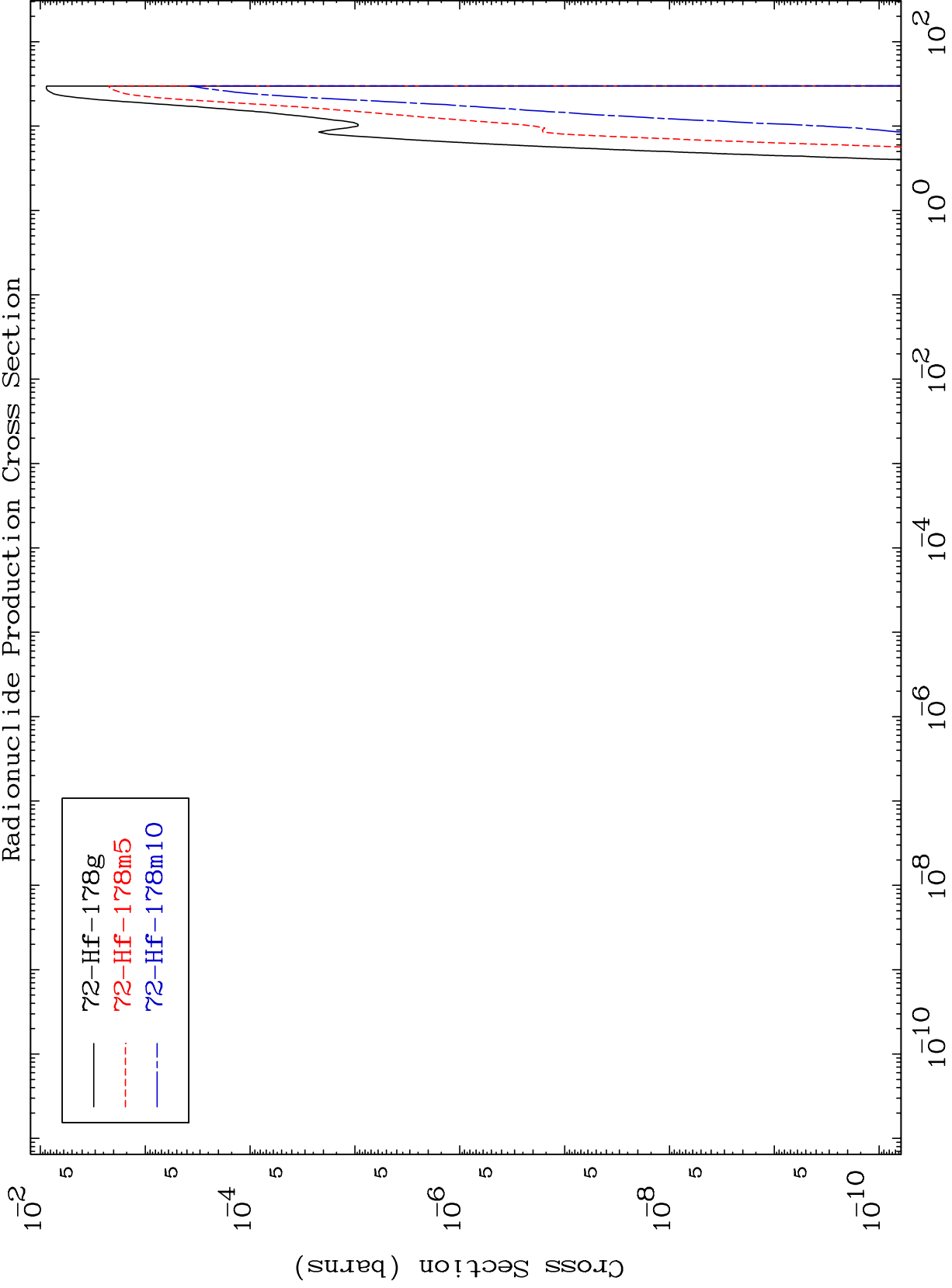
74-W -182

MAT 7431

$(n, n') \alpha$

74-W -182

Radionuclide Production Cross Section



128

Incident Energy (MeV)

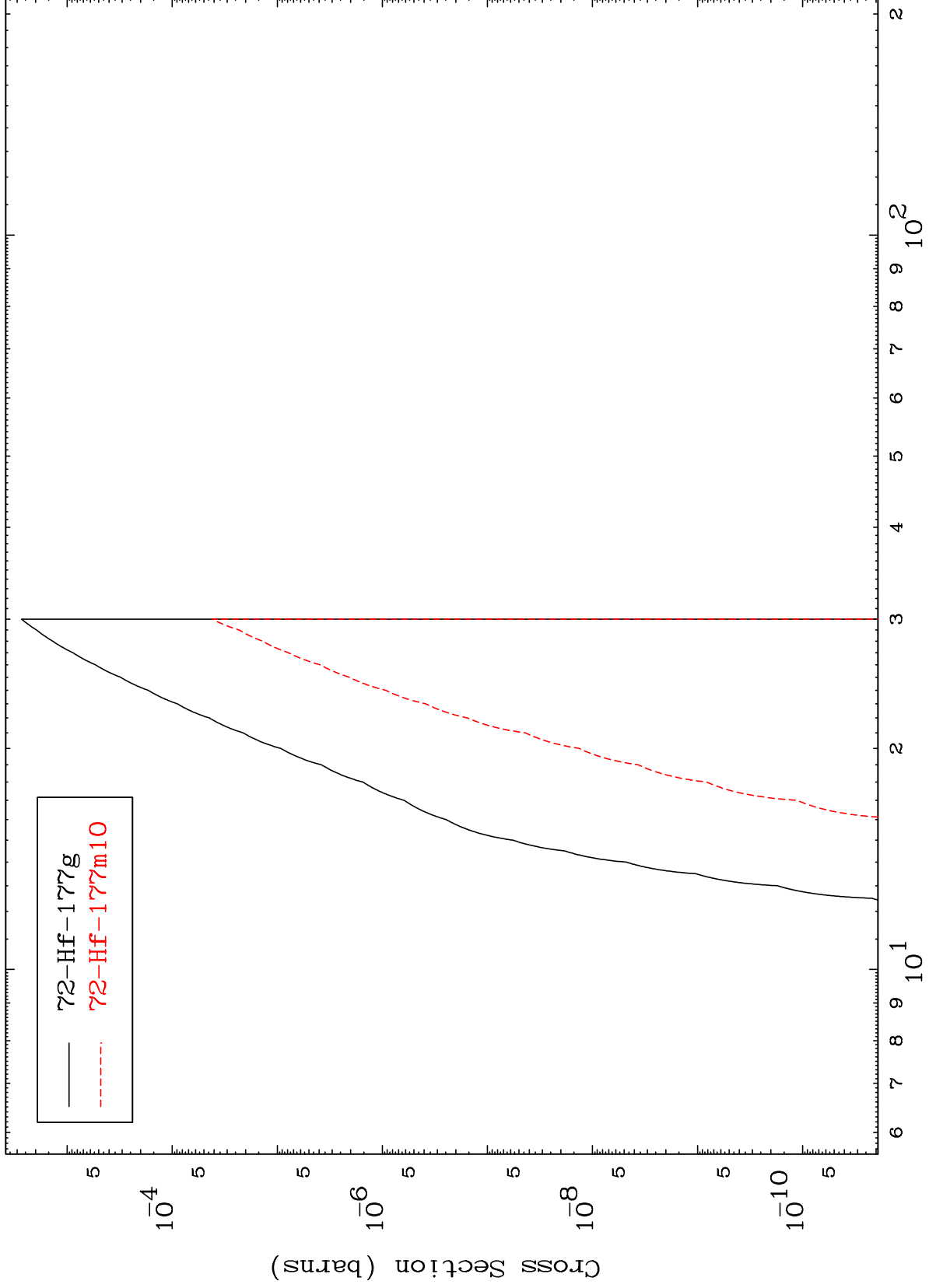
74-W -182

MAT 7431

(n,2n) α

74-W -182

Radionuclide Production Cross Section



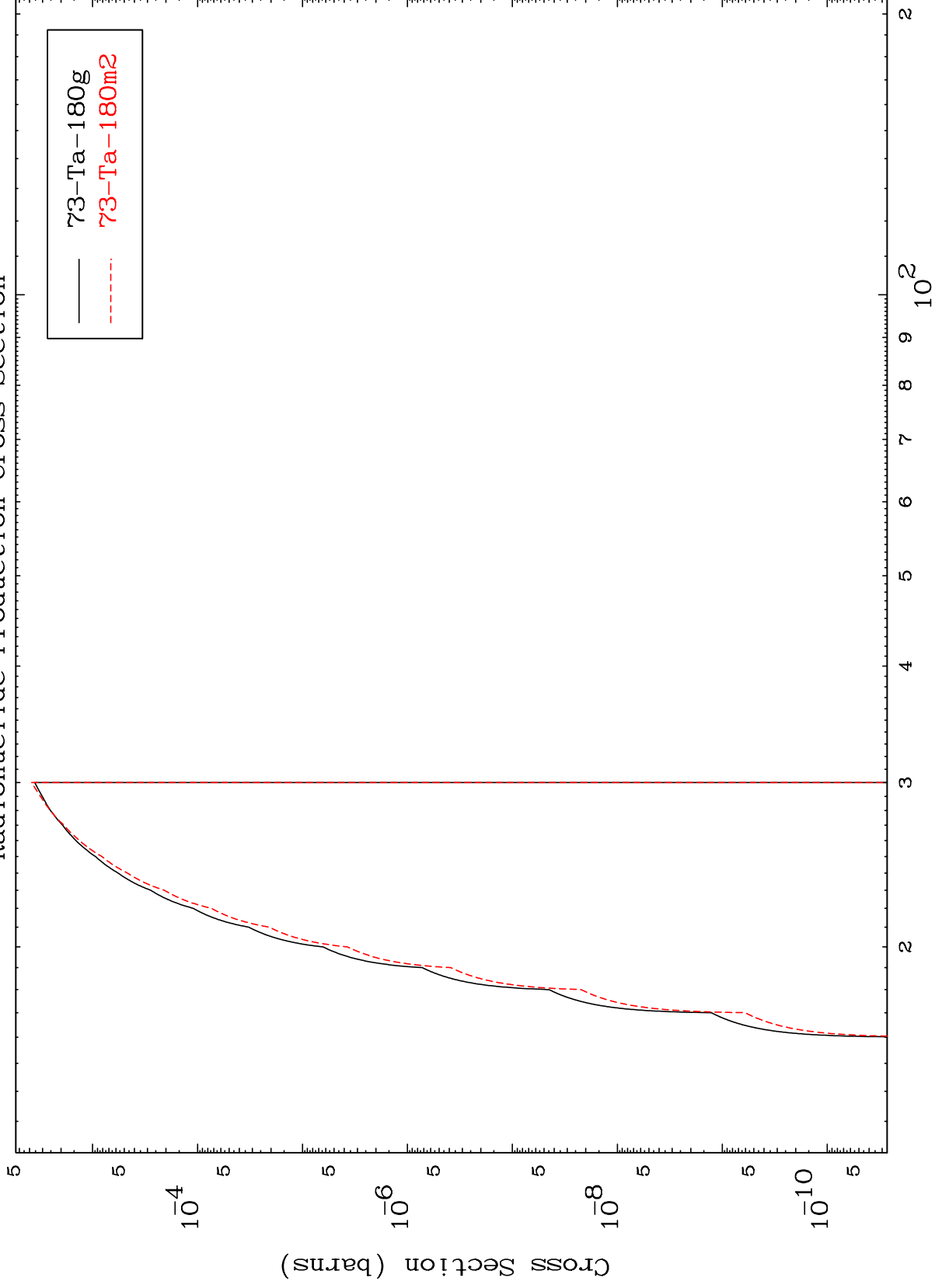
72-Hf-177g
72-Hf-177m10

129

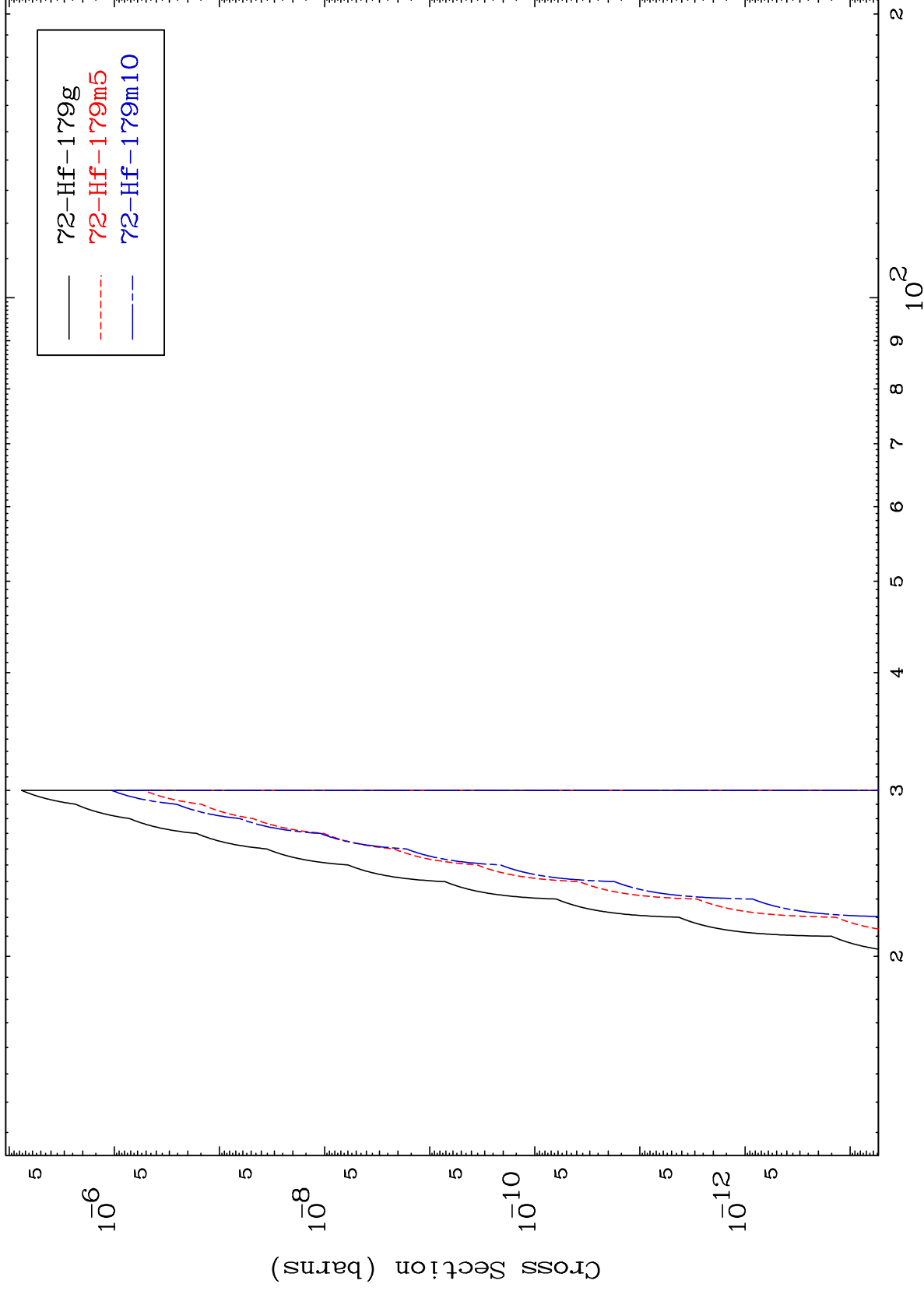
Incident Energy (MeV)

74-W -182

Radionuclide Production Cross Section



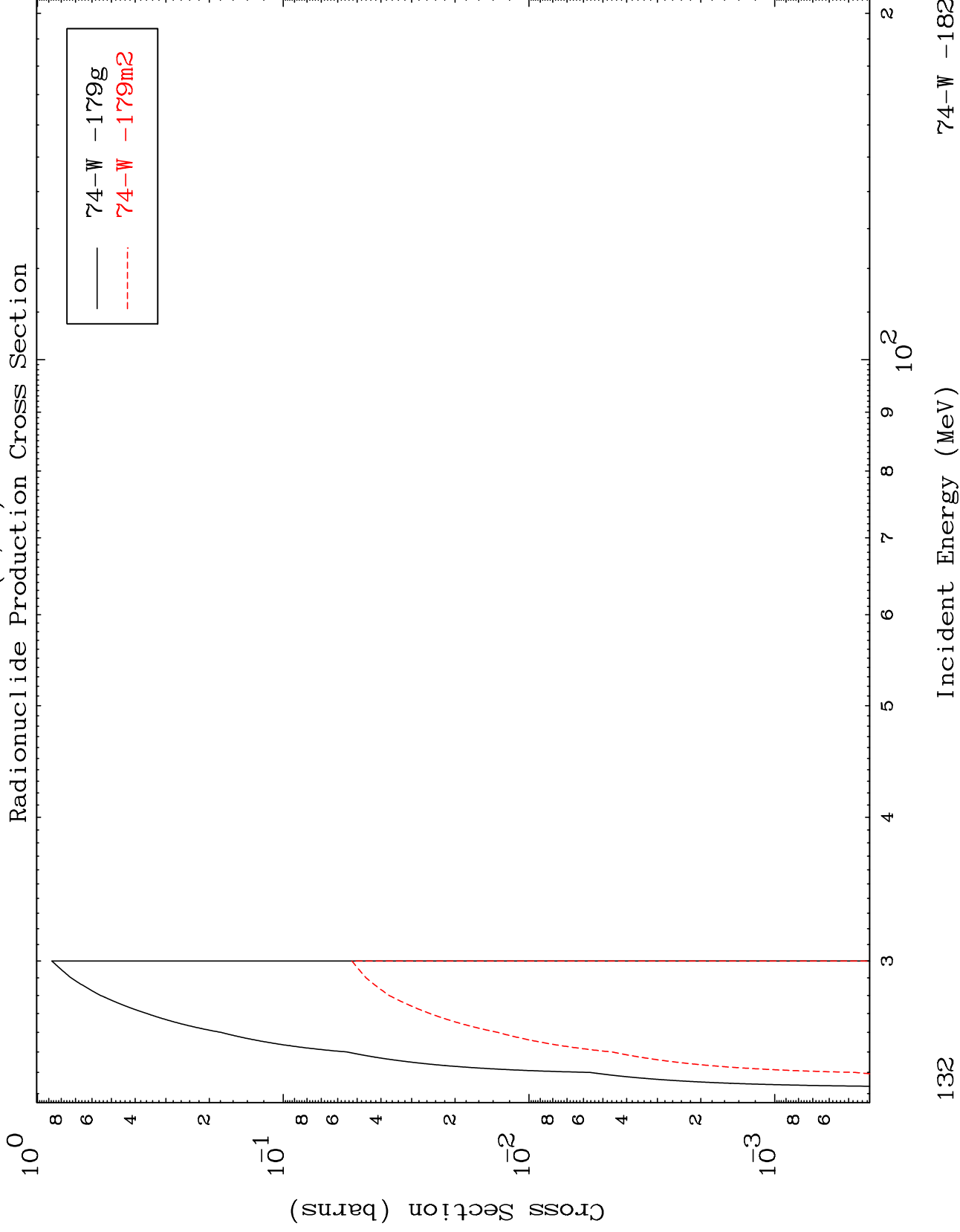
Radionuclide Production Cross Section



MAT 7431

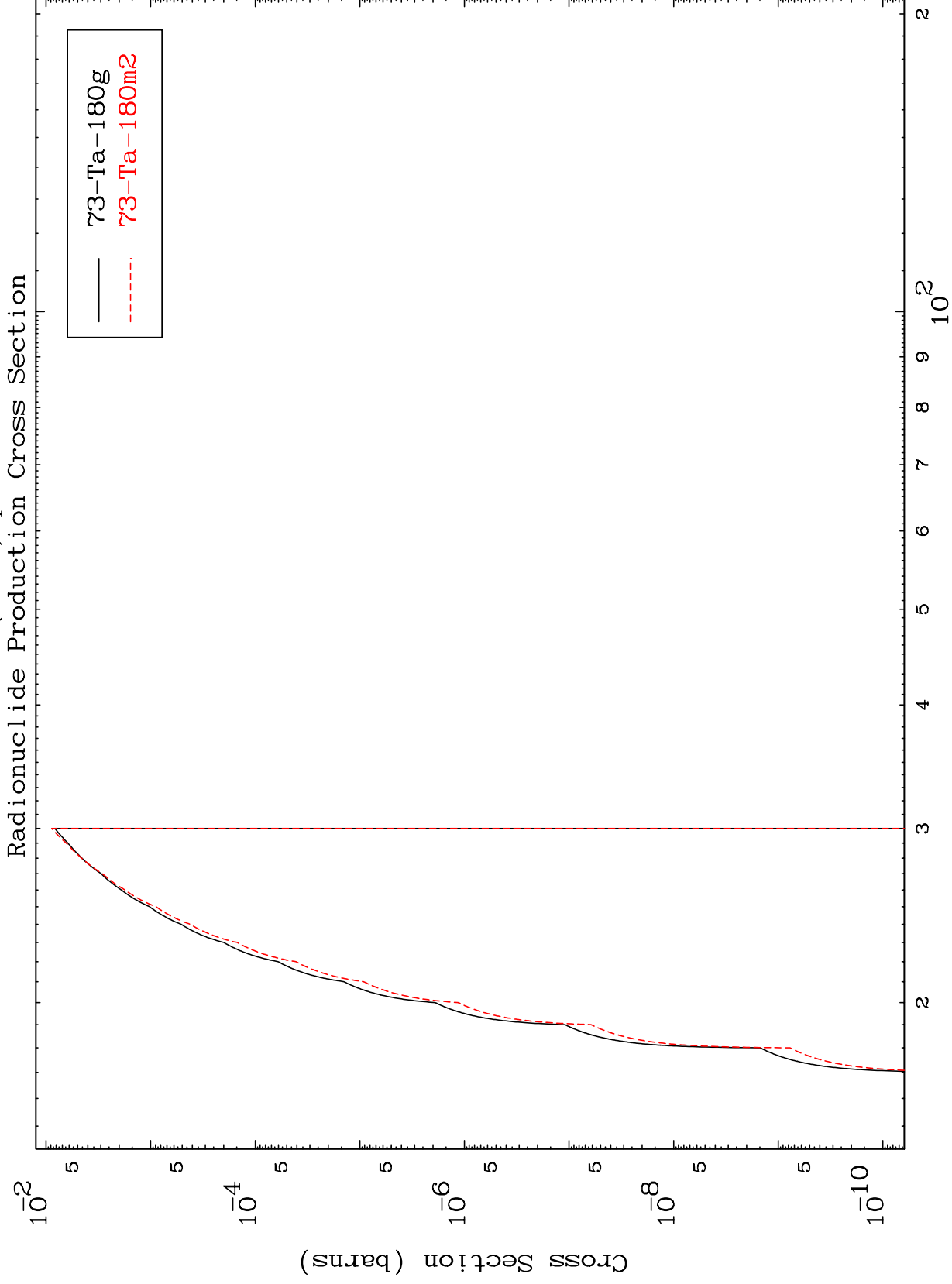
(n,4n)

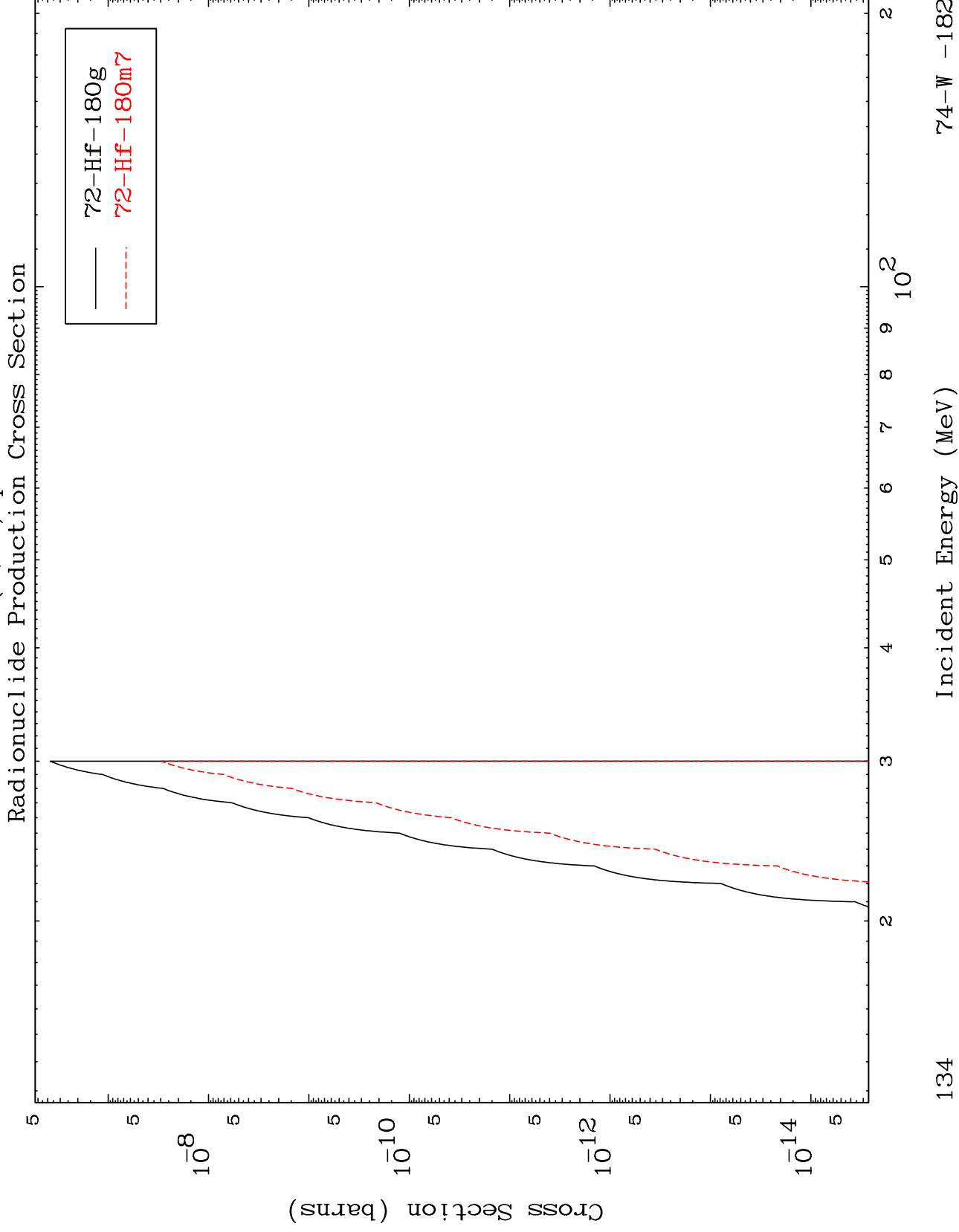
74-W -182



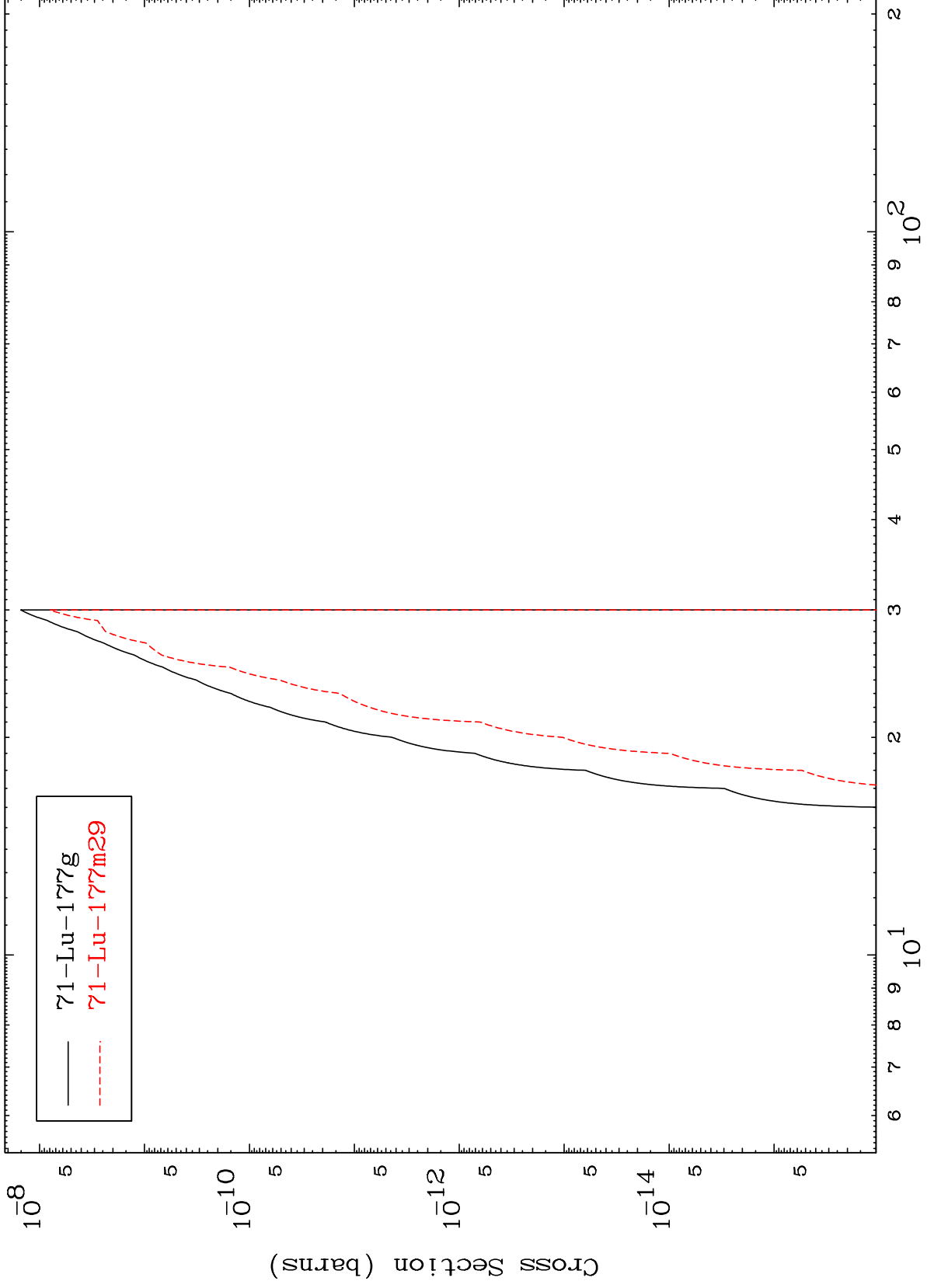
132

74-W -182

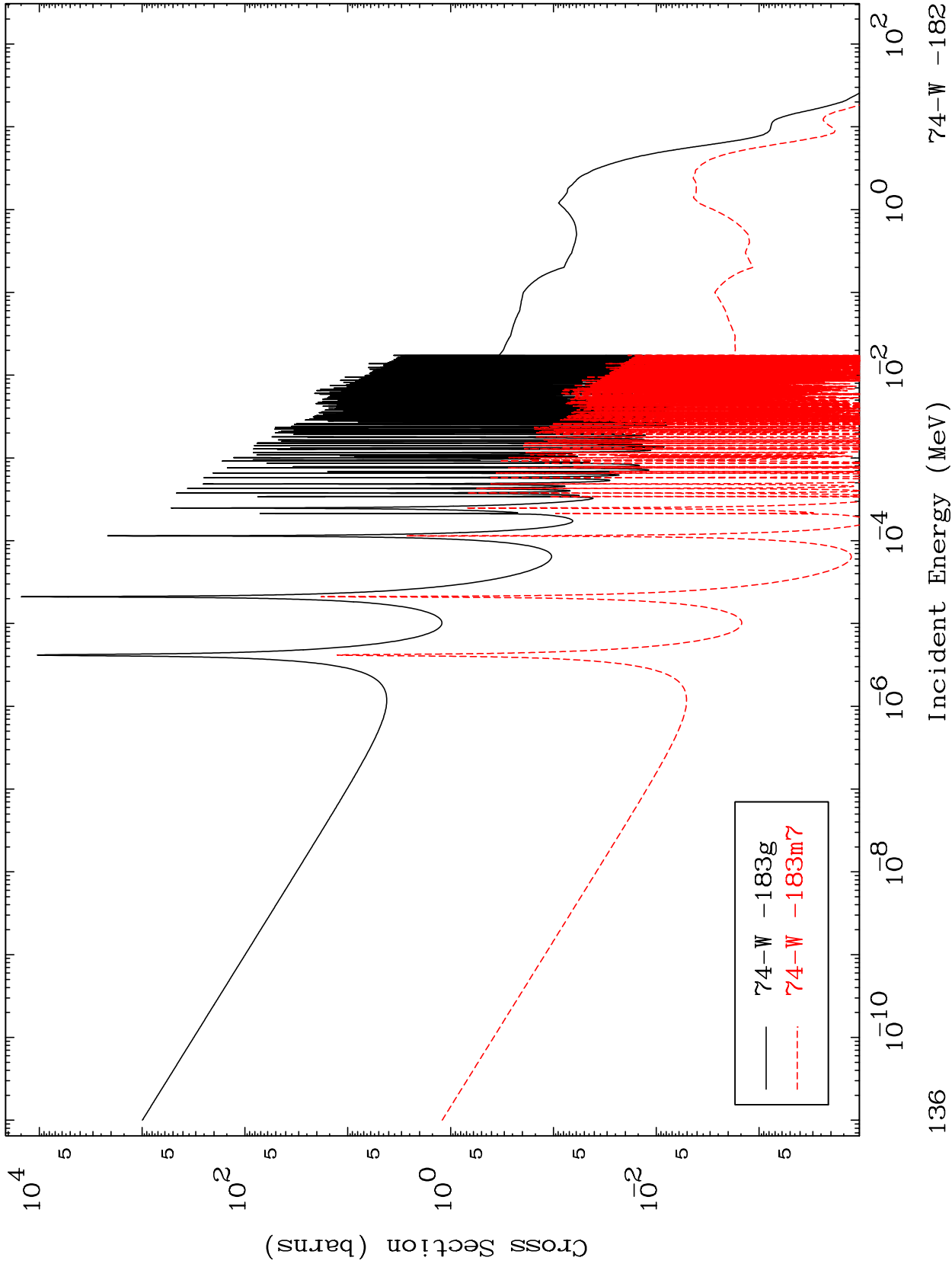




Radionuclide Production Cross Section



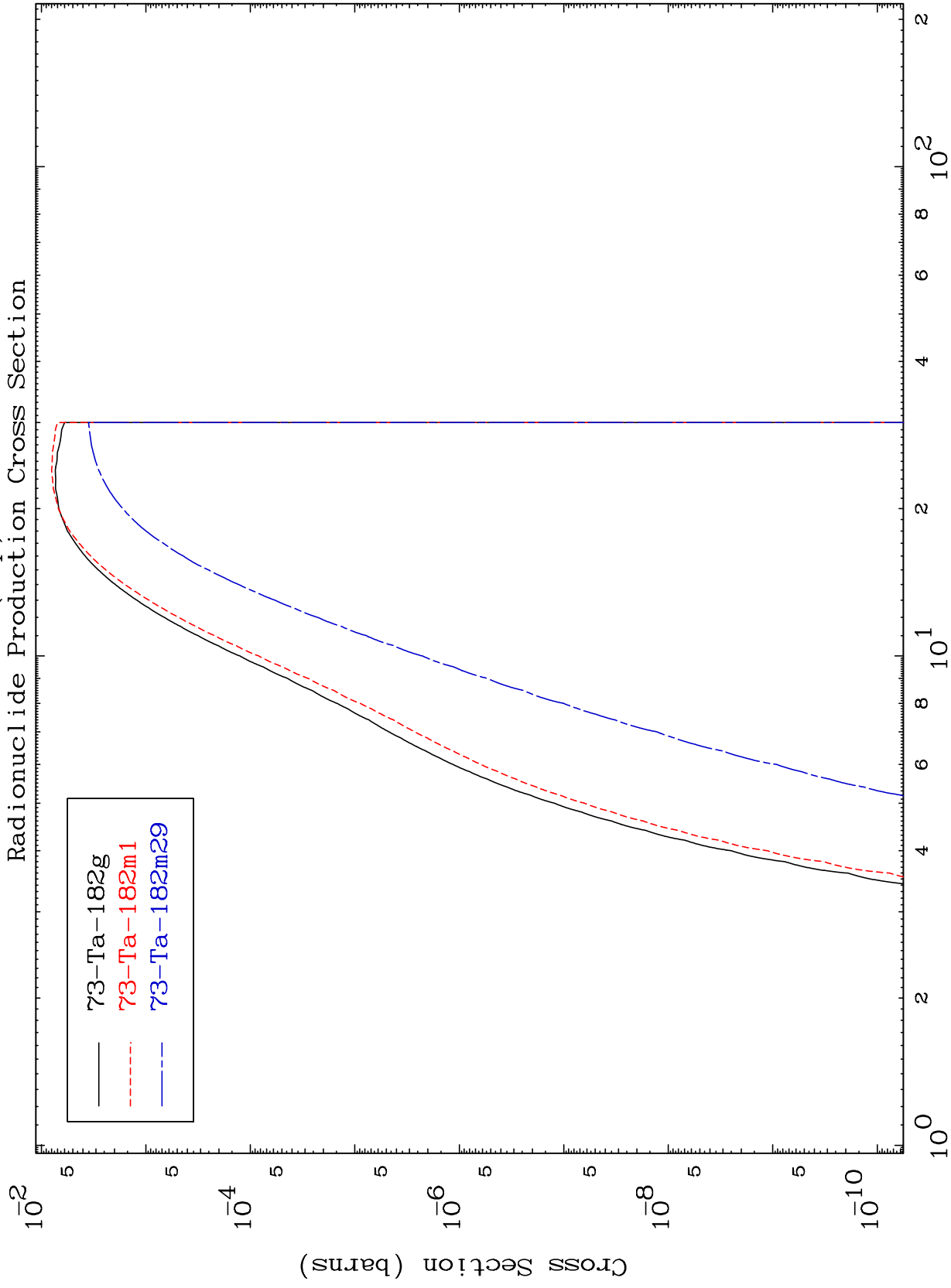
Radionuclide Production Cross Section
(n,γ)



MAT 7431

74-W -182

Radionuclide Production Cross Section
(n,p)

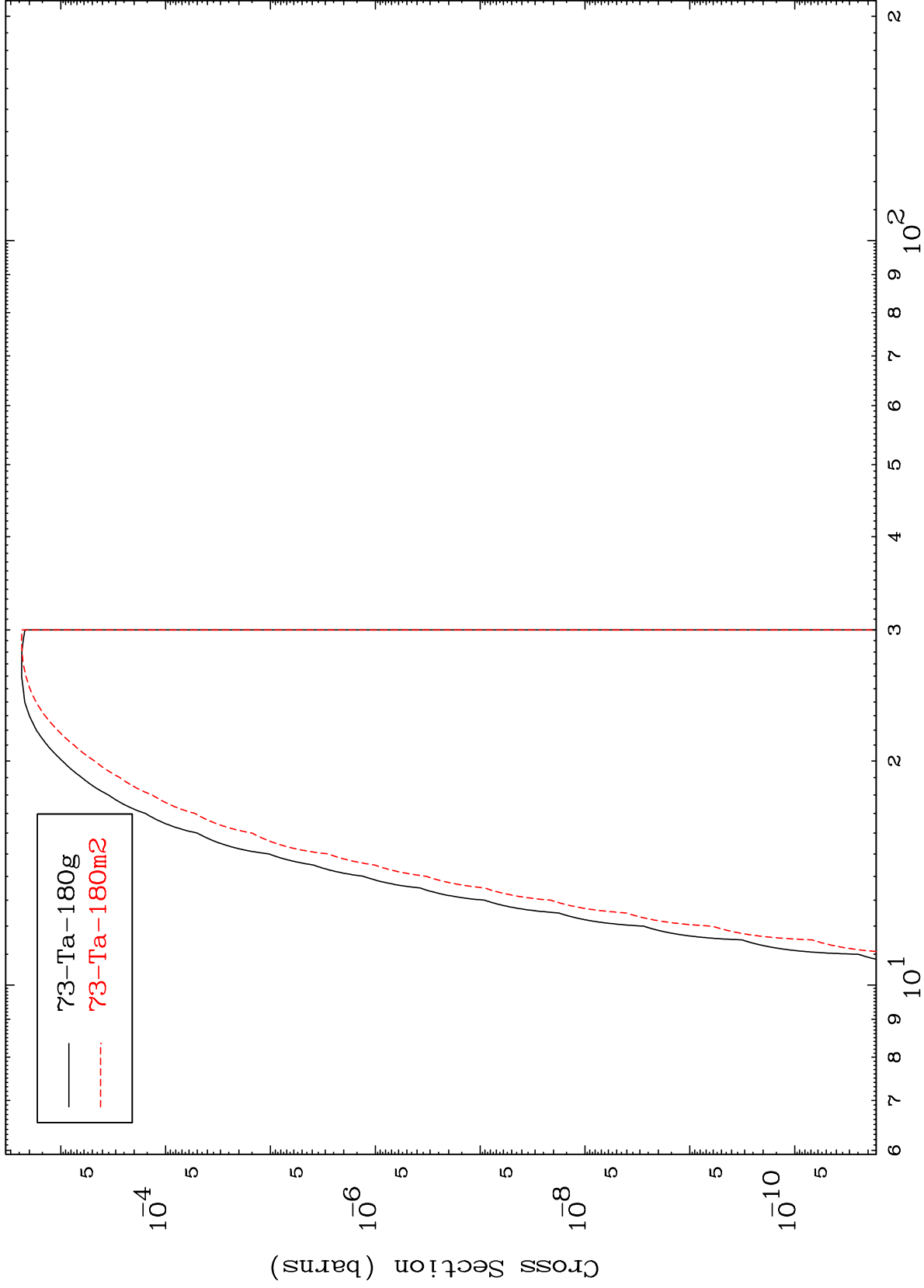


137

Incident Energy (MeV)

74-W -182

(n, t)
Radionuclide Production Cross Section

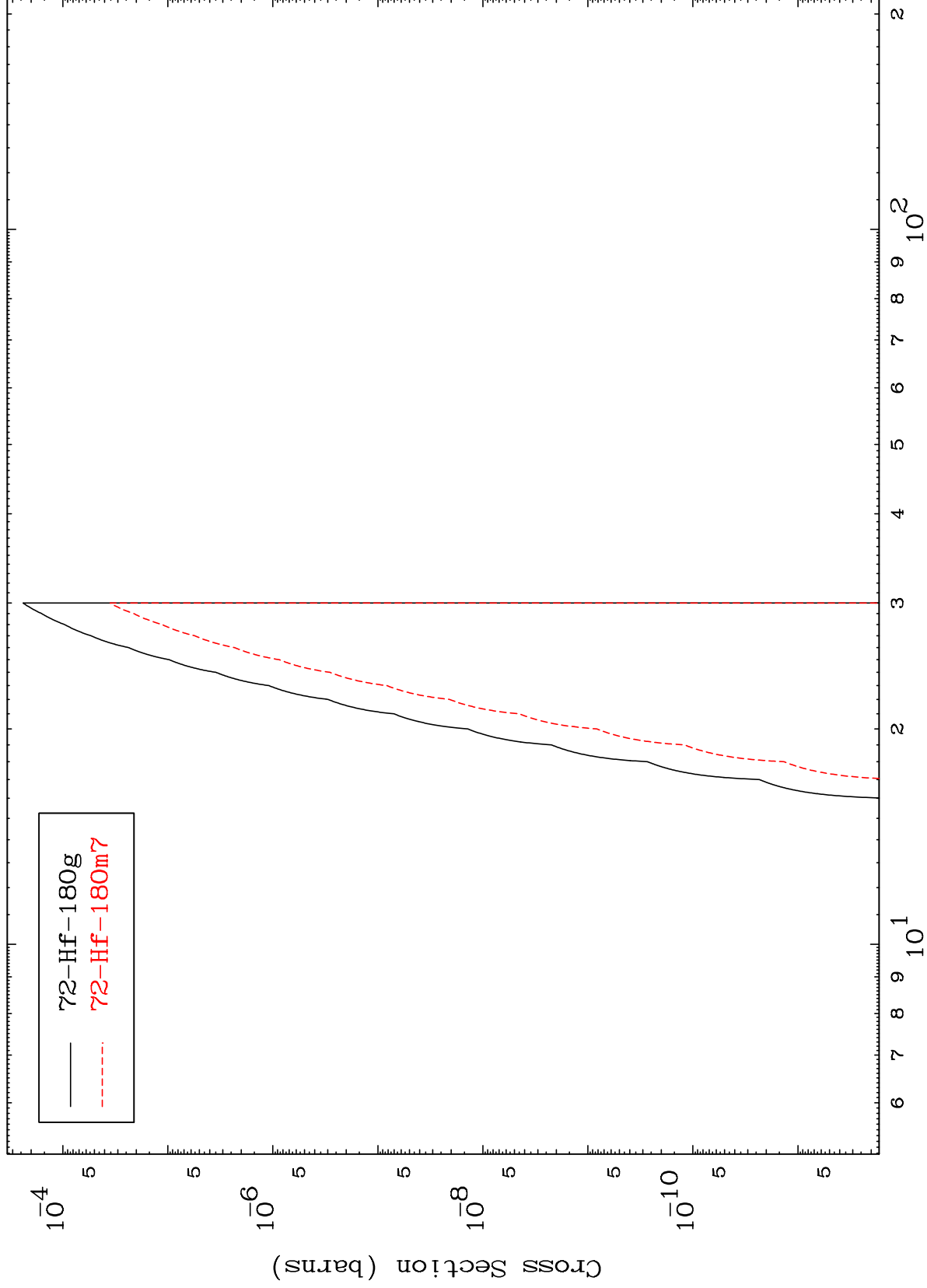


MAT 7431

(n,He-3)

74-W -182

Radionuclide Production Cross Section



139

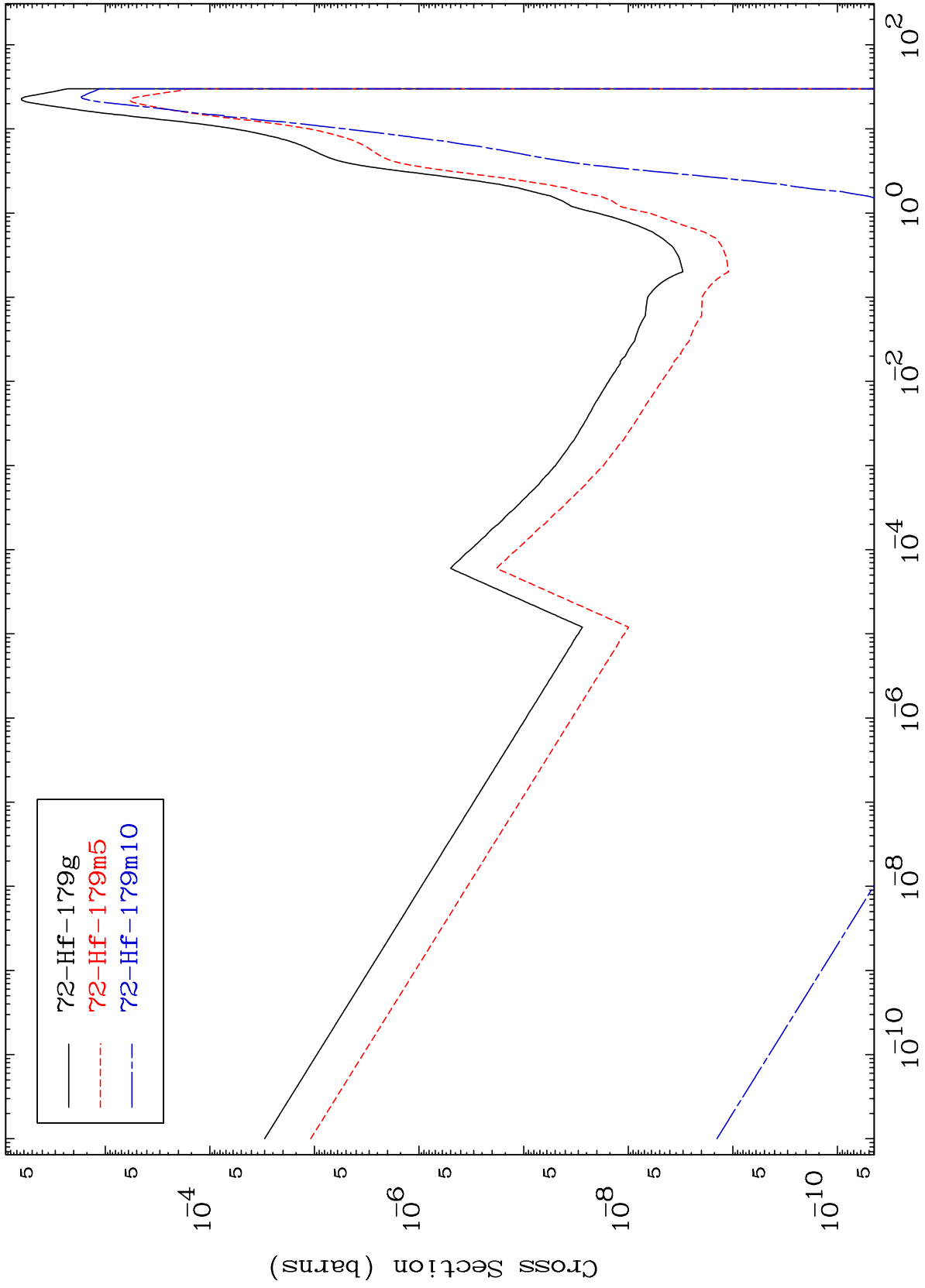
Incident Energy (MeV)

74-W -182

MAT 7431

74-W -182

Radionuclide Production Cross Section
(n, α)



140

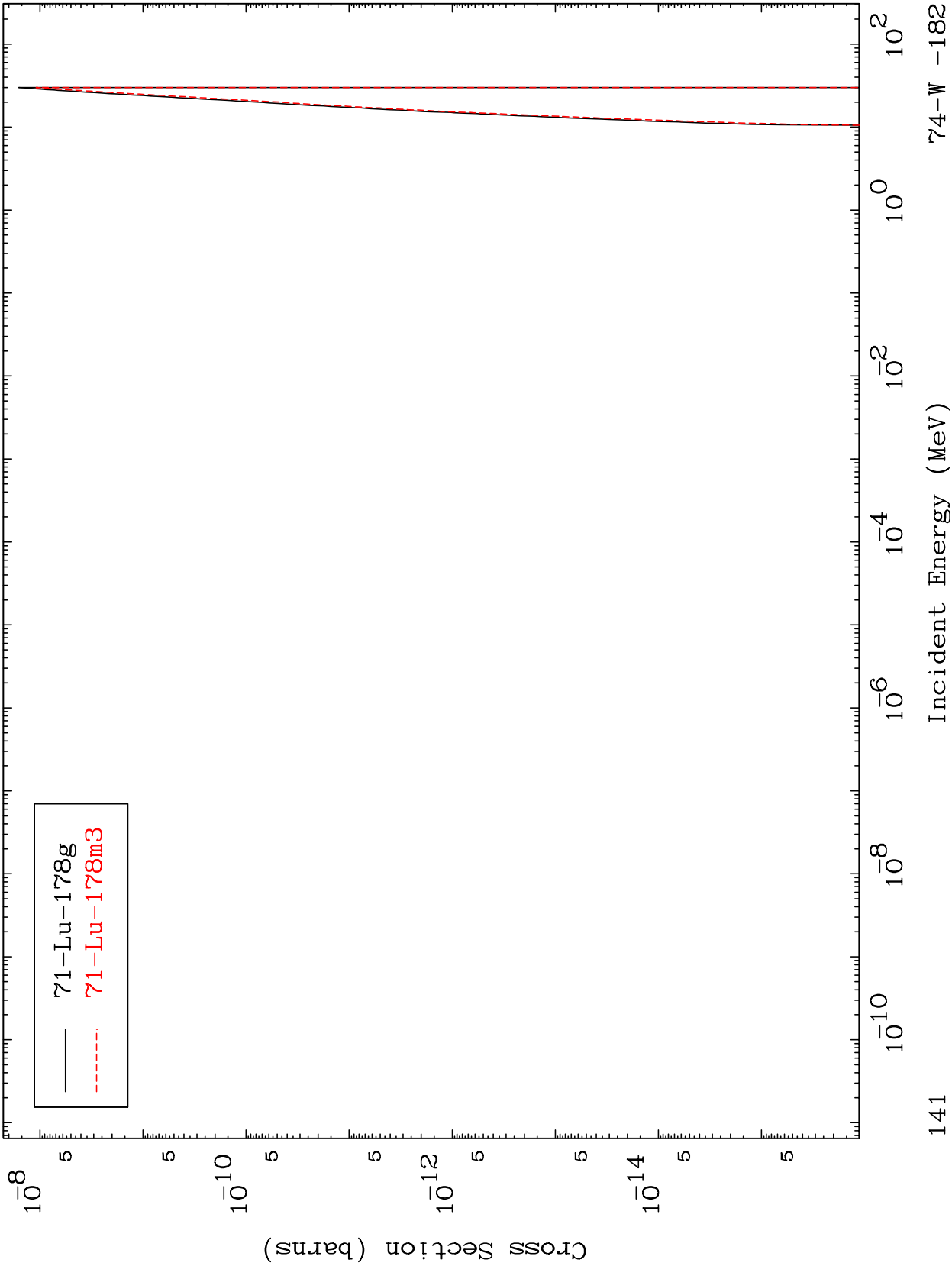
74-W -182

MAT 7431

(n,p) α

74-W -182

Radionuclide Production Cross Section

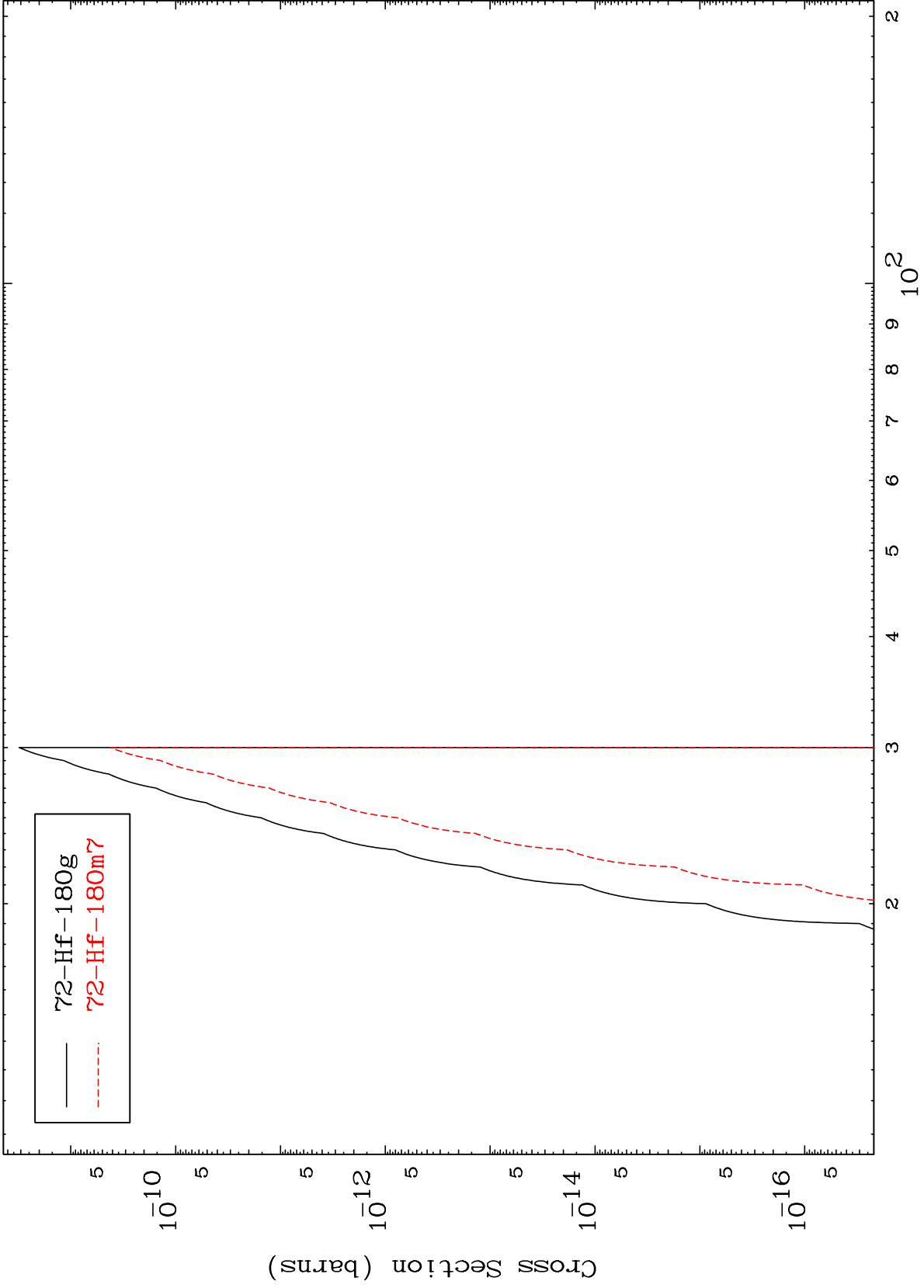


141

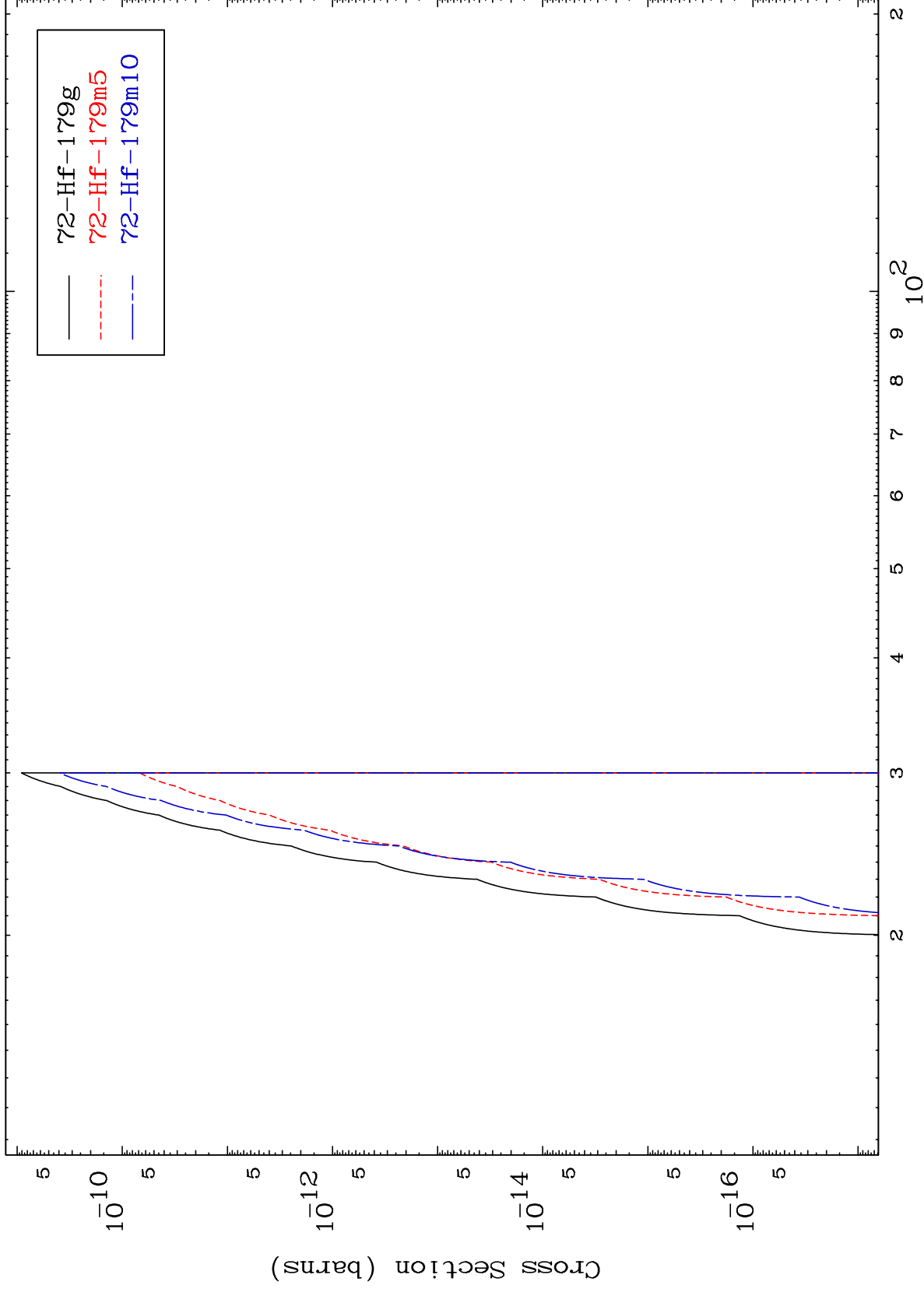
Incident Energy (MeV)

74-W -182

Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

