

Program EVALPLOT
(Version 2015-2)

by

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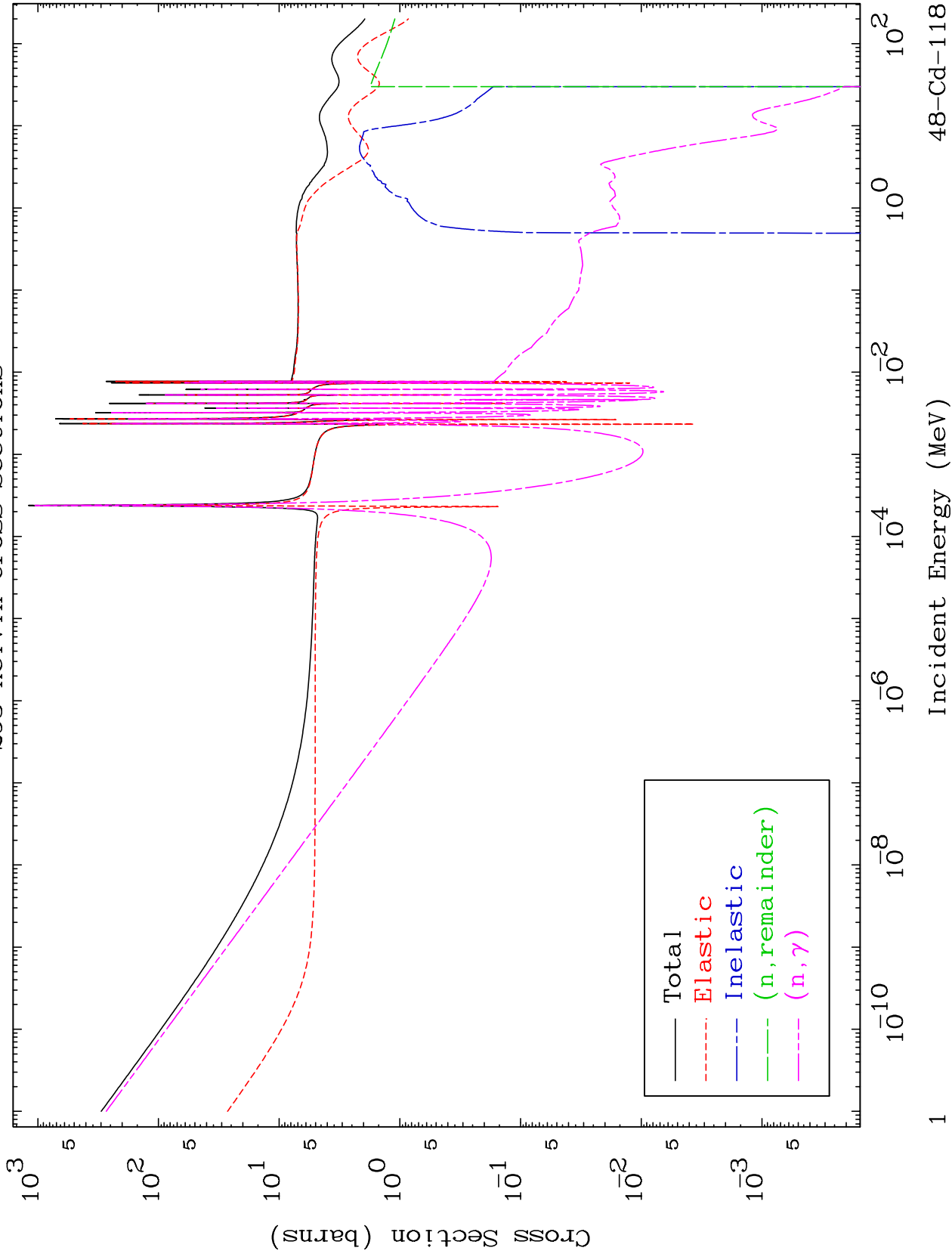
Press Mouse Button to Start

MAT 4861

Major

293 Kelvin Cross Sections

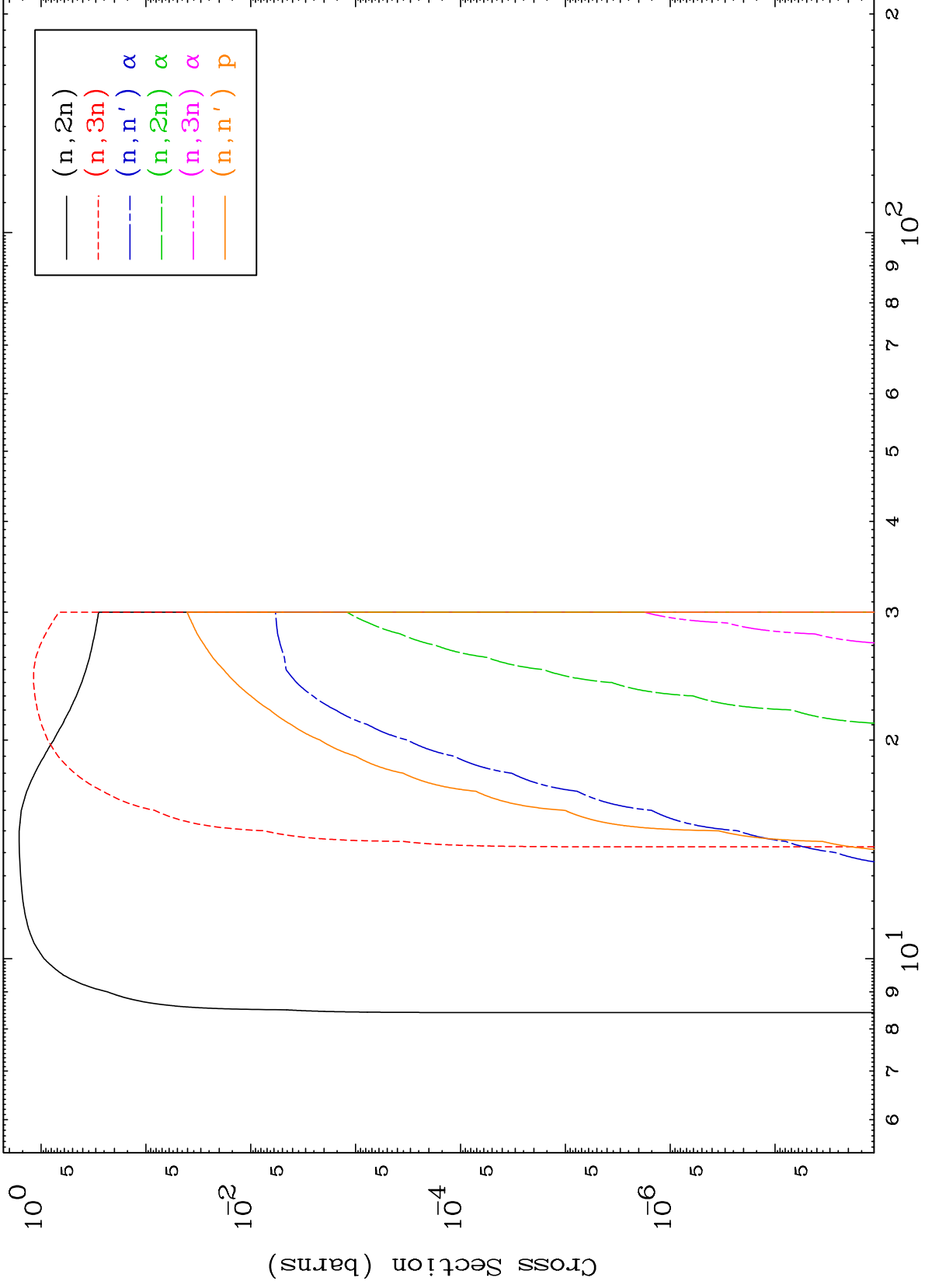
48-Cd-118



MAT 4861

Neutron Production
293 Kelvin Cross Sections

48-Cd-118



2

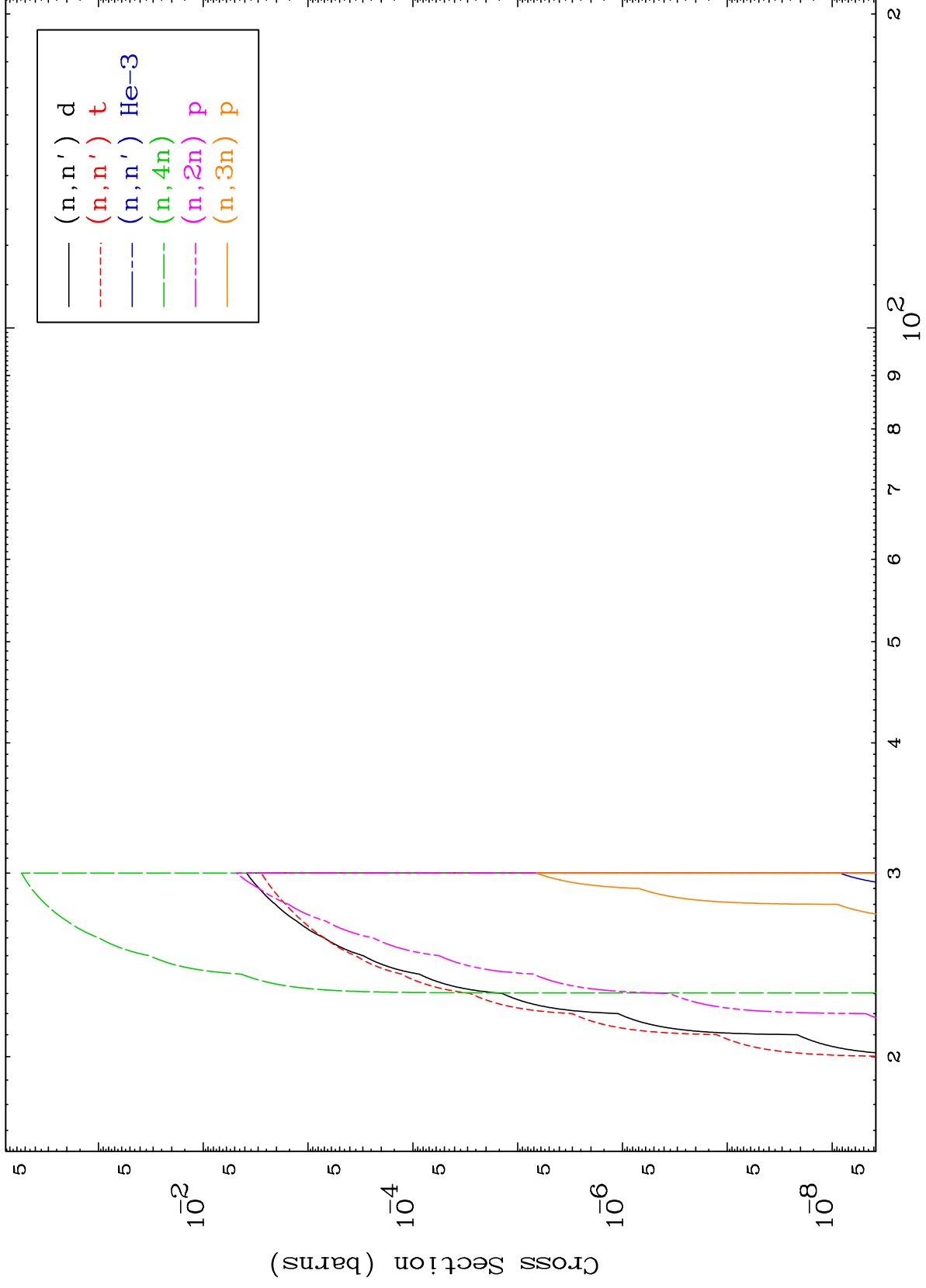
Incident Energy (MeV)

48-Cd-118

MAT 4861

Neutron Production
293 Kelvin Cross Sections

48-Cd-118



3

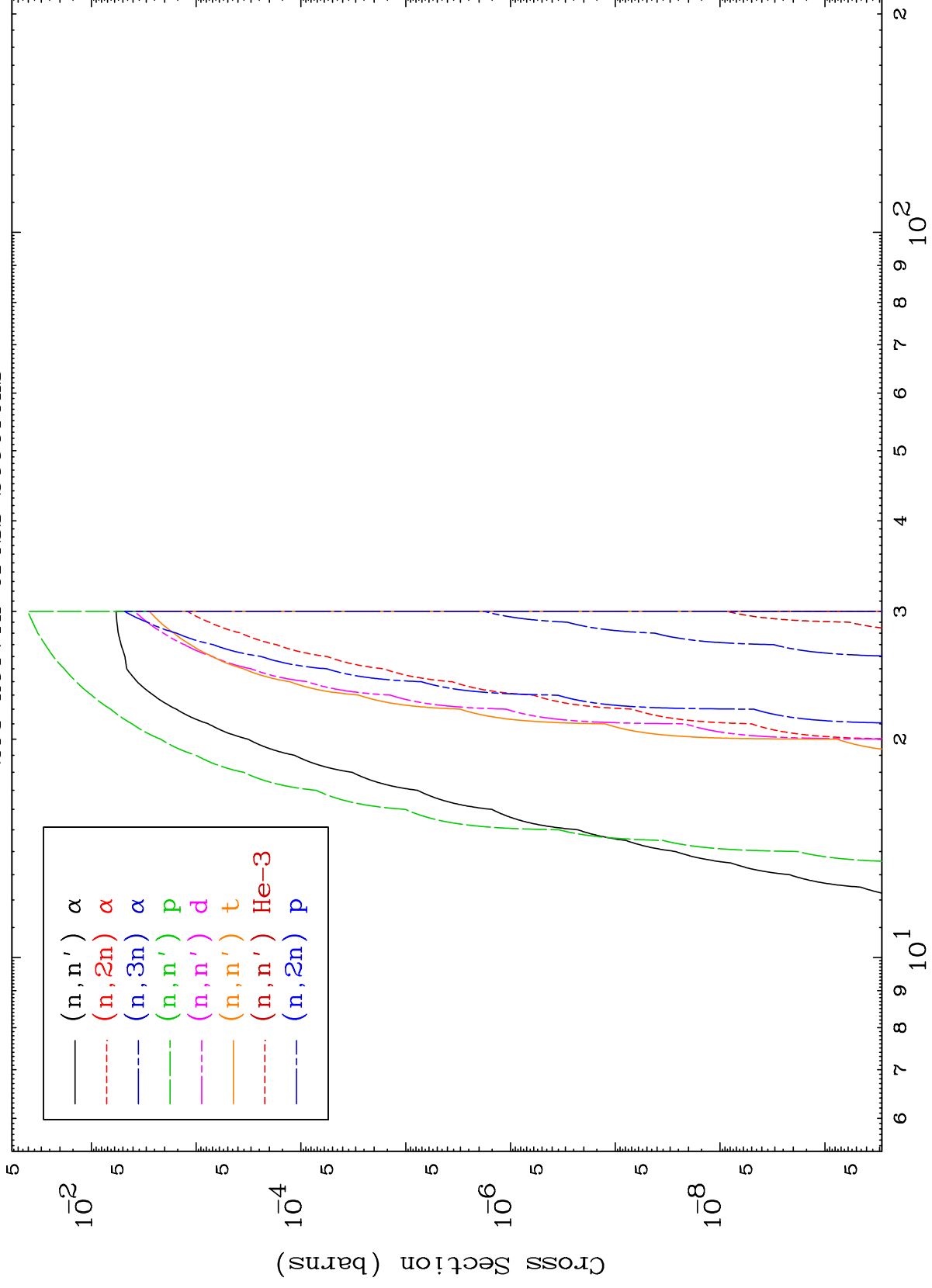
Incident Energy (MeV)

48-Cd-118

MAT 4861

Charged Particle
293 Kelvin Cross Sections

48-Cd-118



4

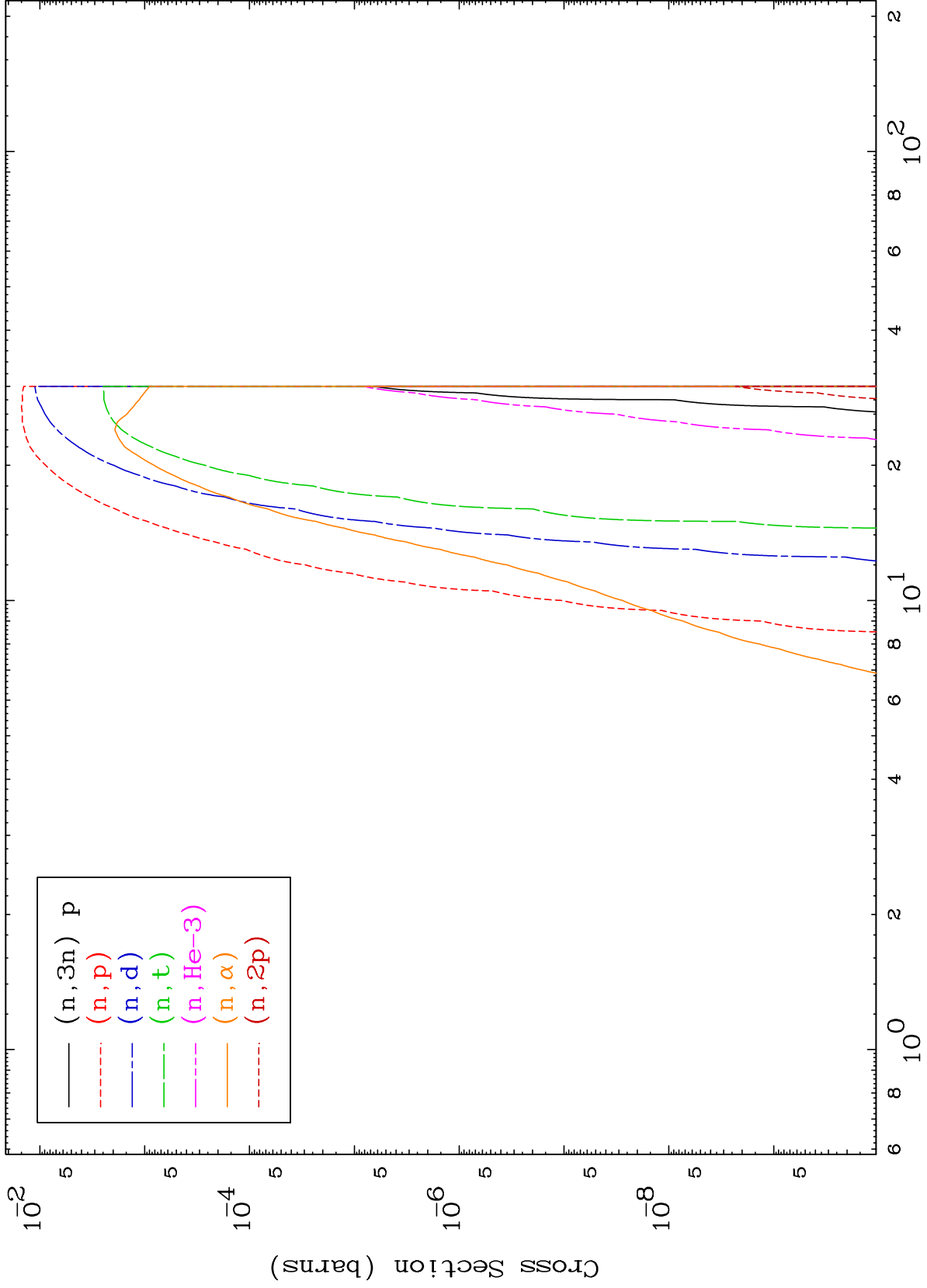
Incident Energy (MeV)

48-Cd-118

MAT 4861

Charged Particle
293 Kelvin Cross Sections

48-Cd-118



5

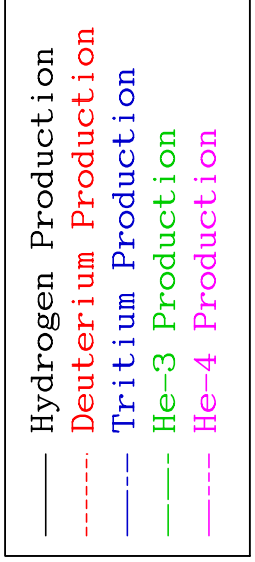
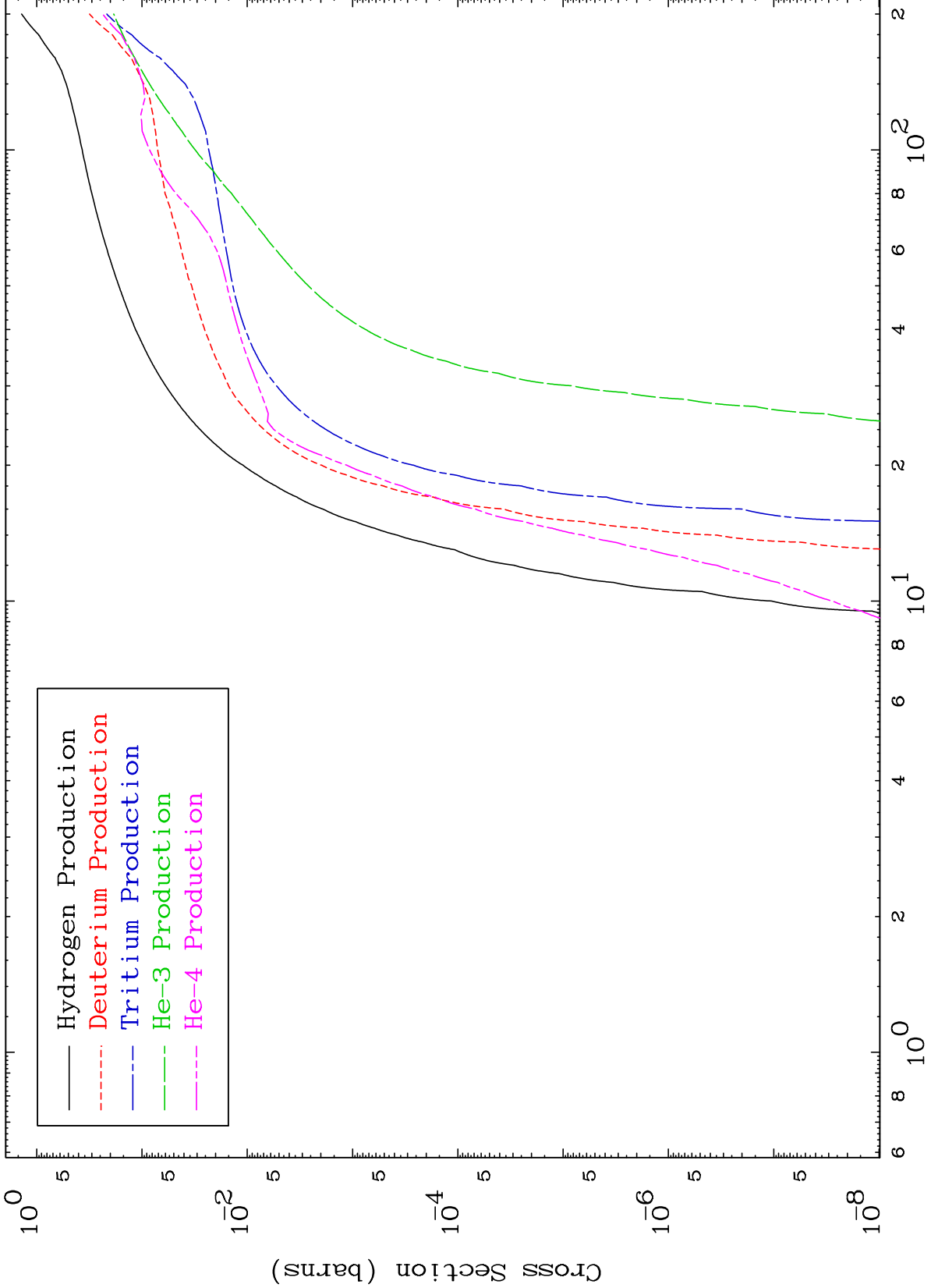
Incident Energy (MeV)

48-Cd-118

MAT 4861

Particle Production
293 Kelvin Cross Sections

48-Cd-118



48-Cd-118

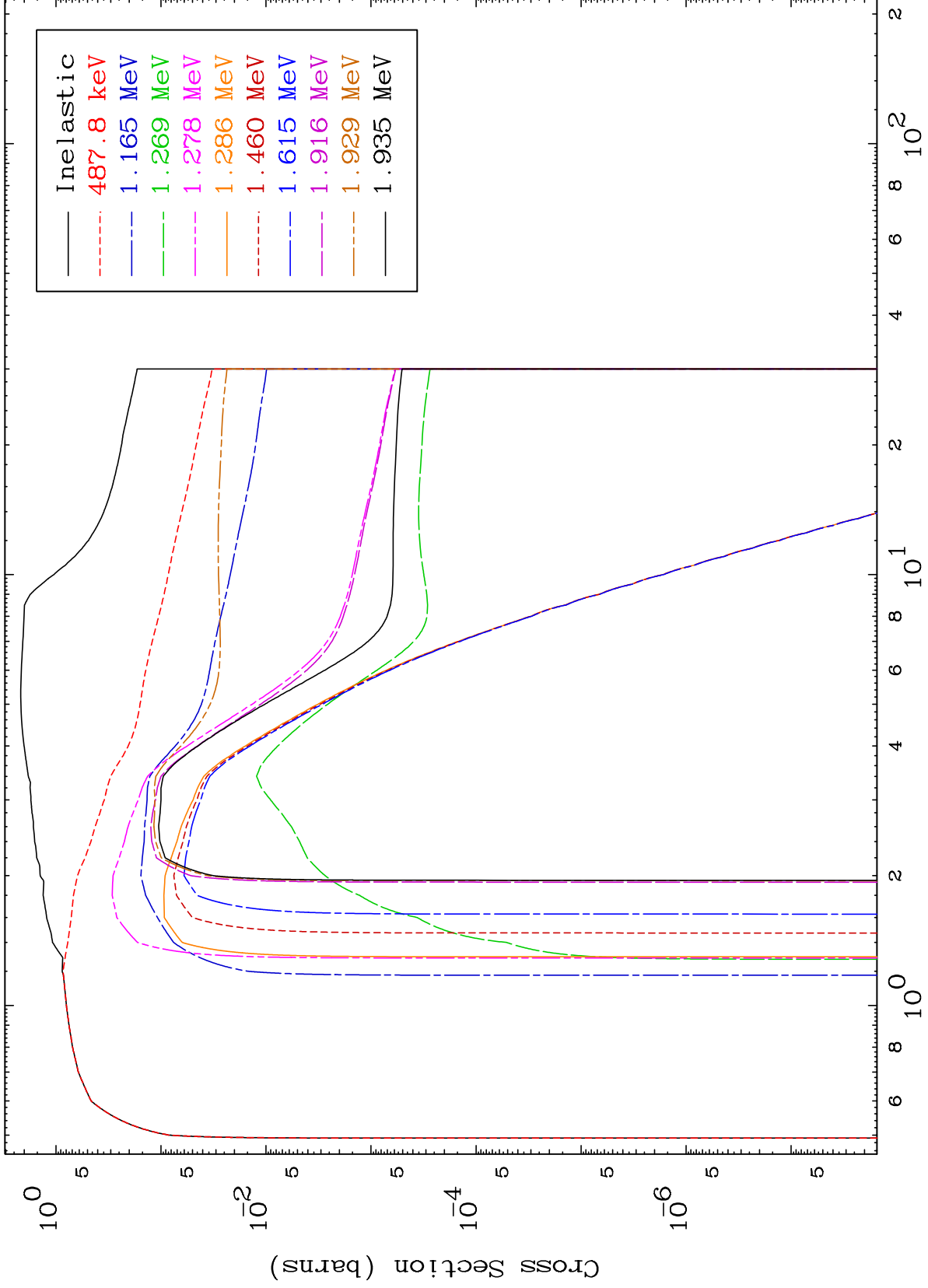
Incident Energy (MeV)

6

MAT 4861

(n,n') Level
293 Kelvin Cross Sections

48-Cd-118



7

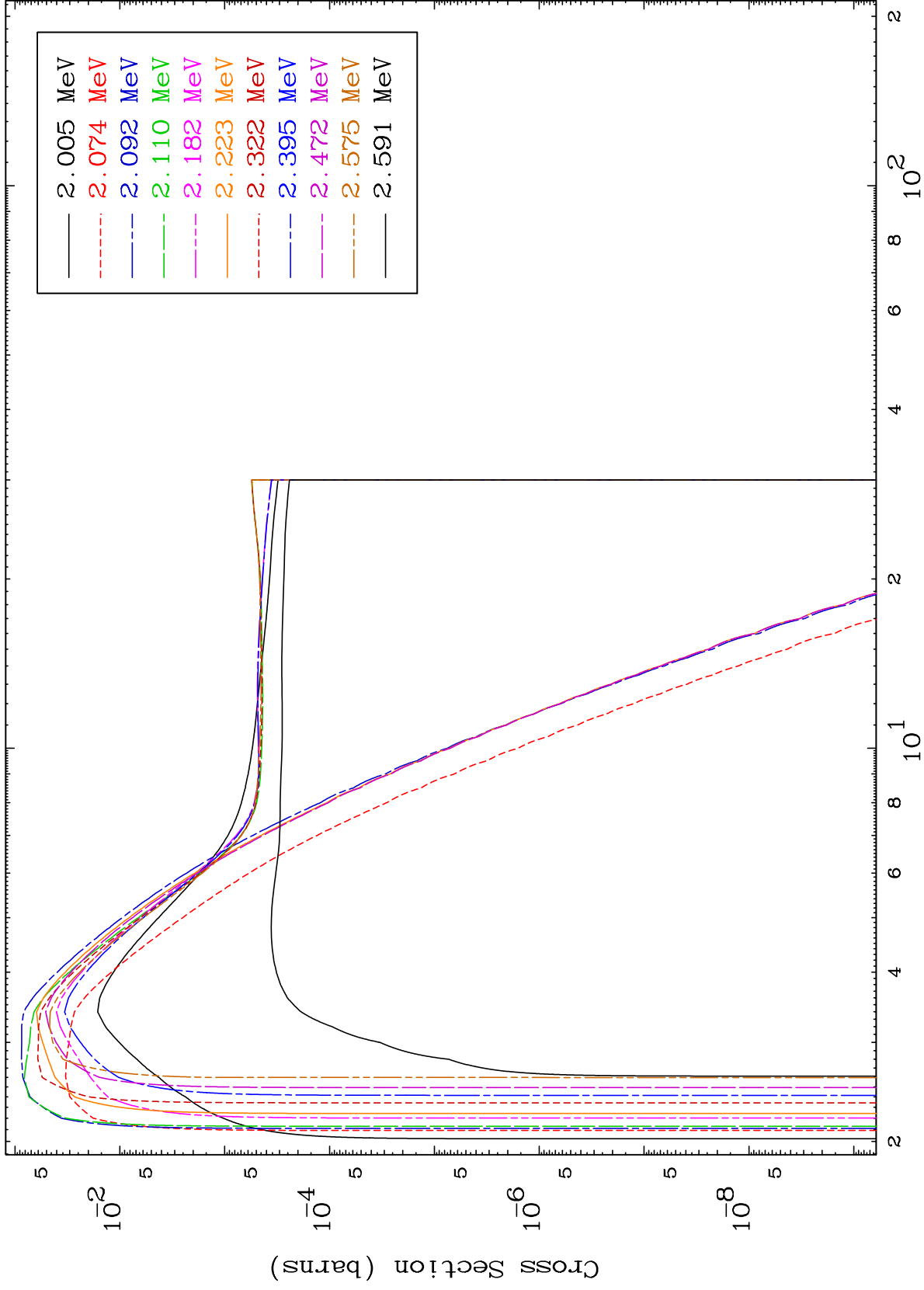
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,n') Level
293 Kelvin Cross Sections

48-Cd-118



8

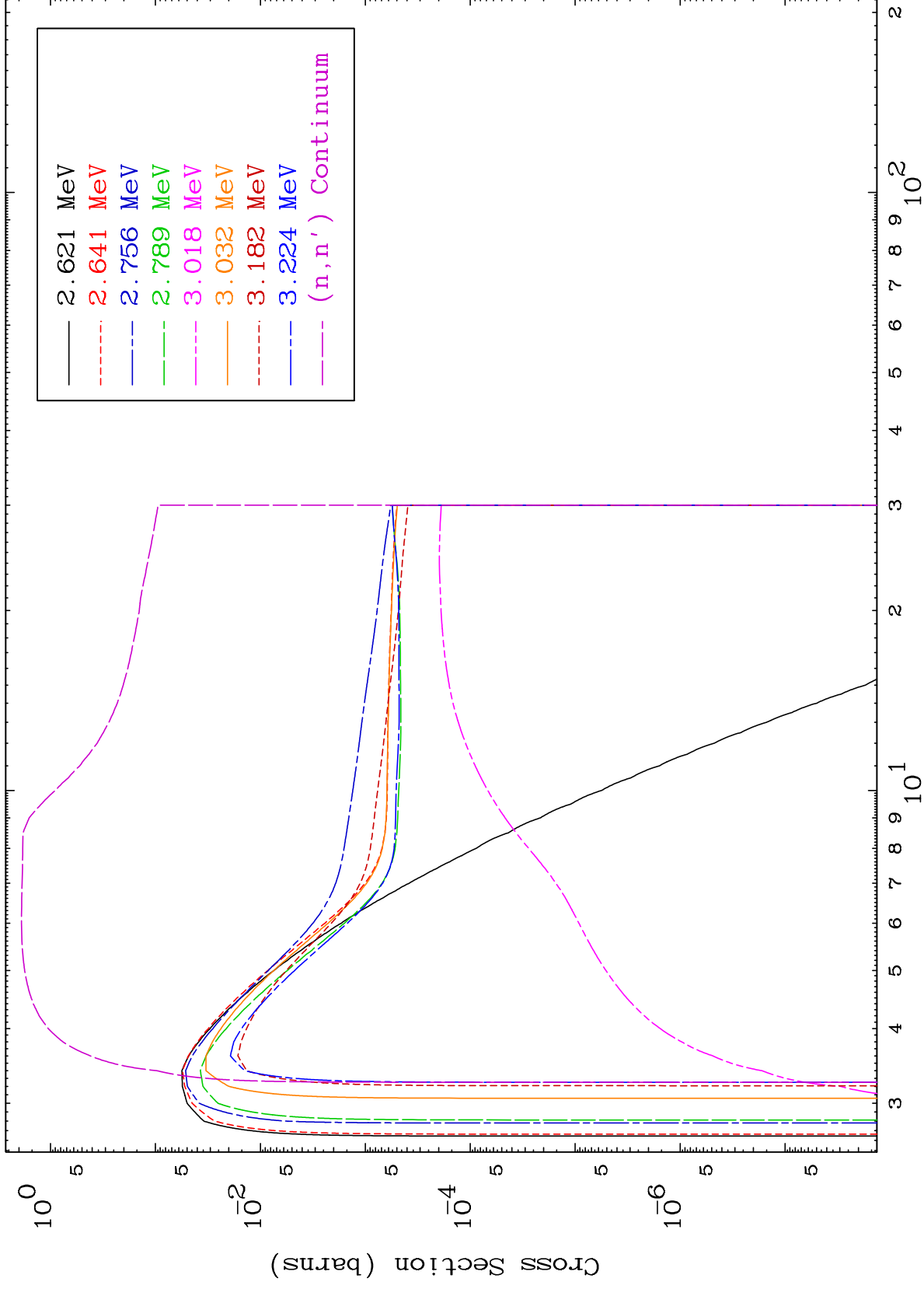
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,n') Level
293 Kelvin Cross Sections

48-Cd-118



9

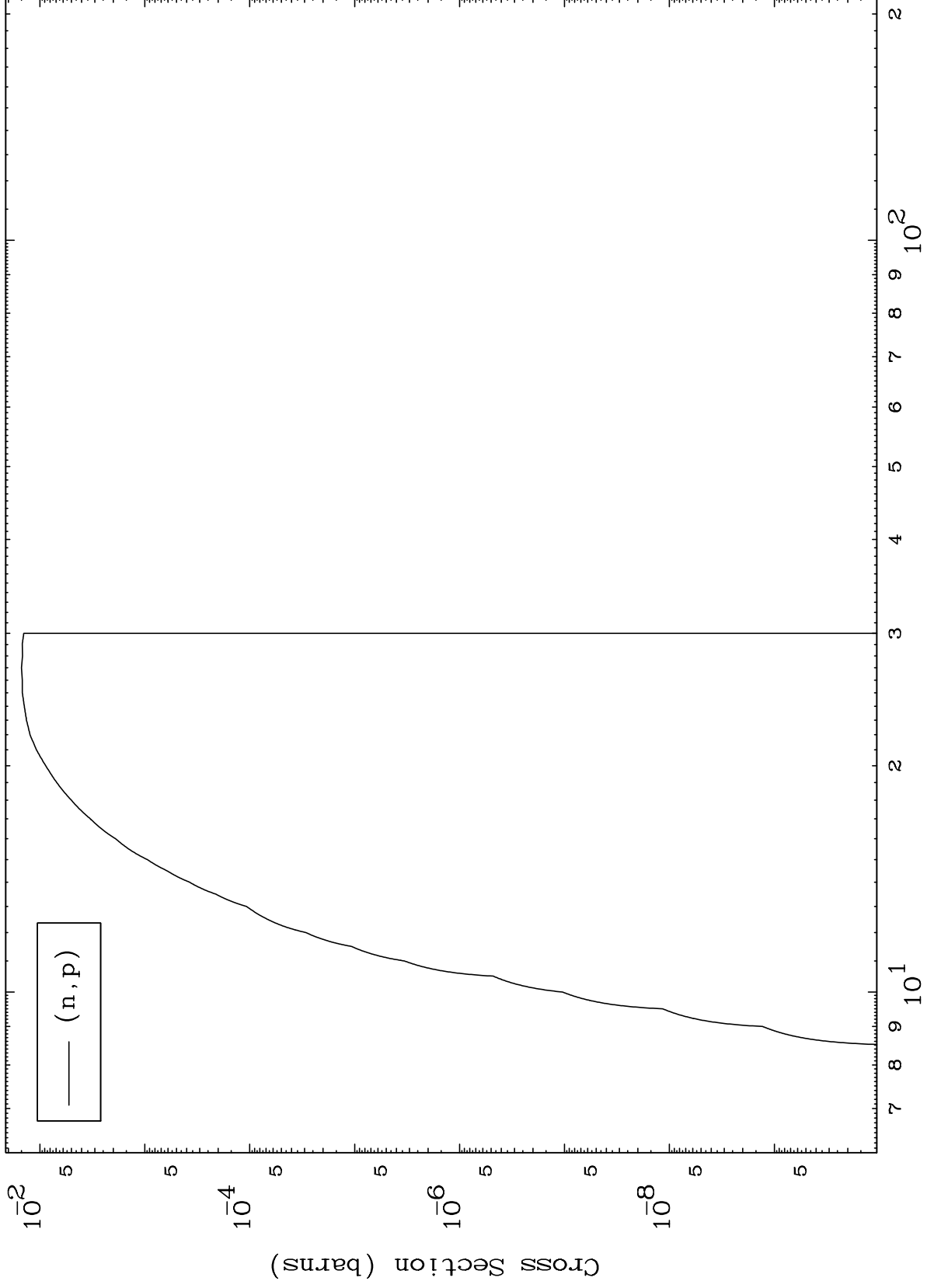
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-118



10

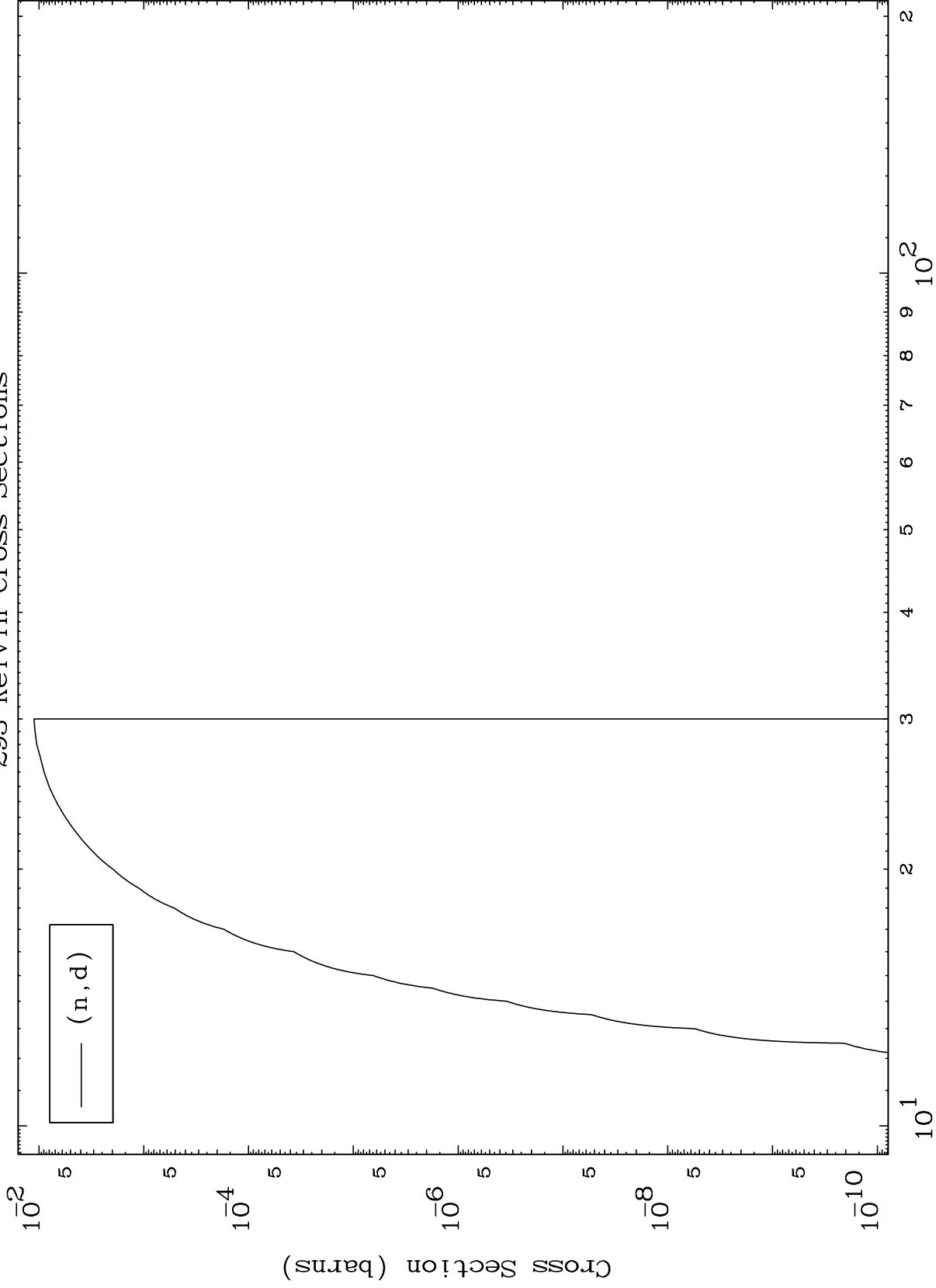
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-118



11

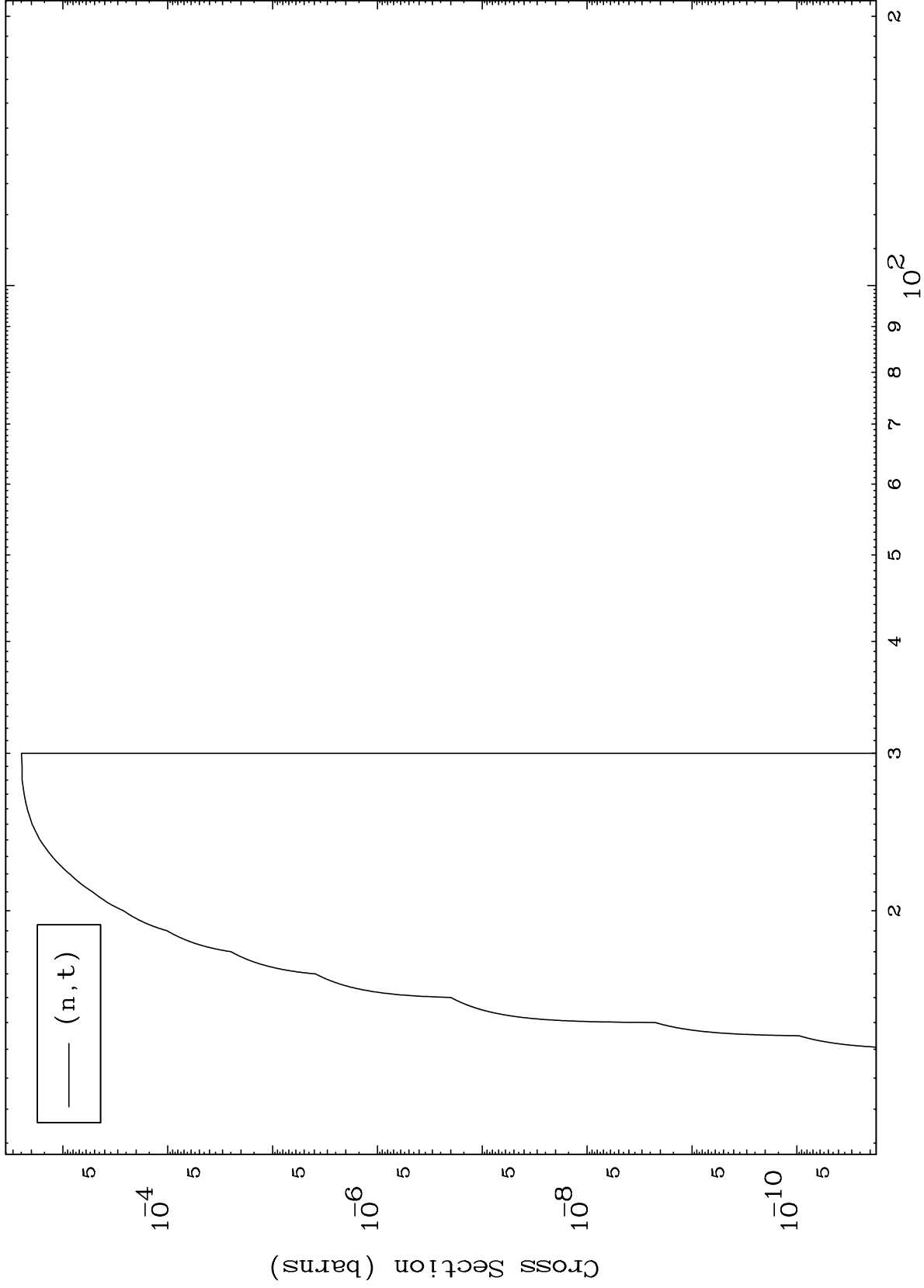
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-118



12

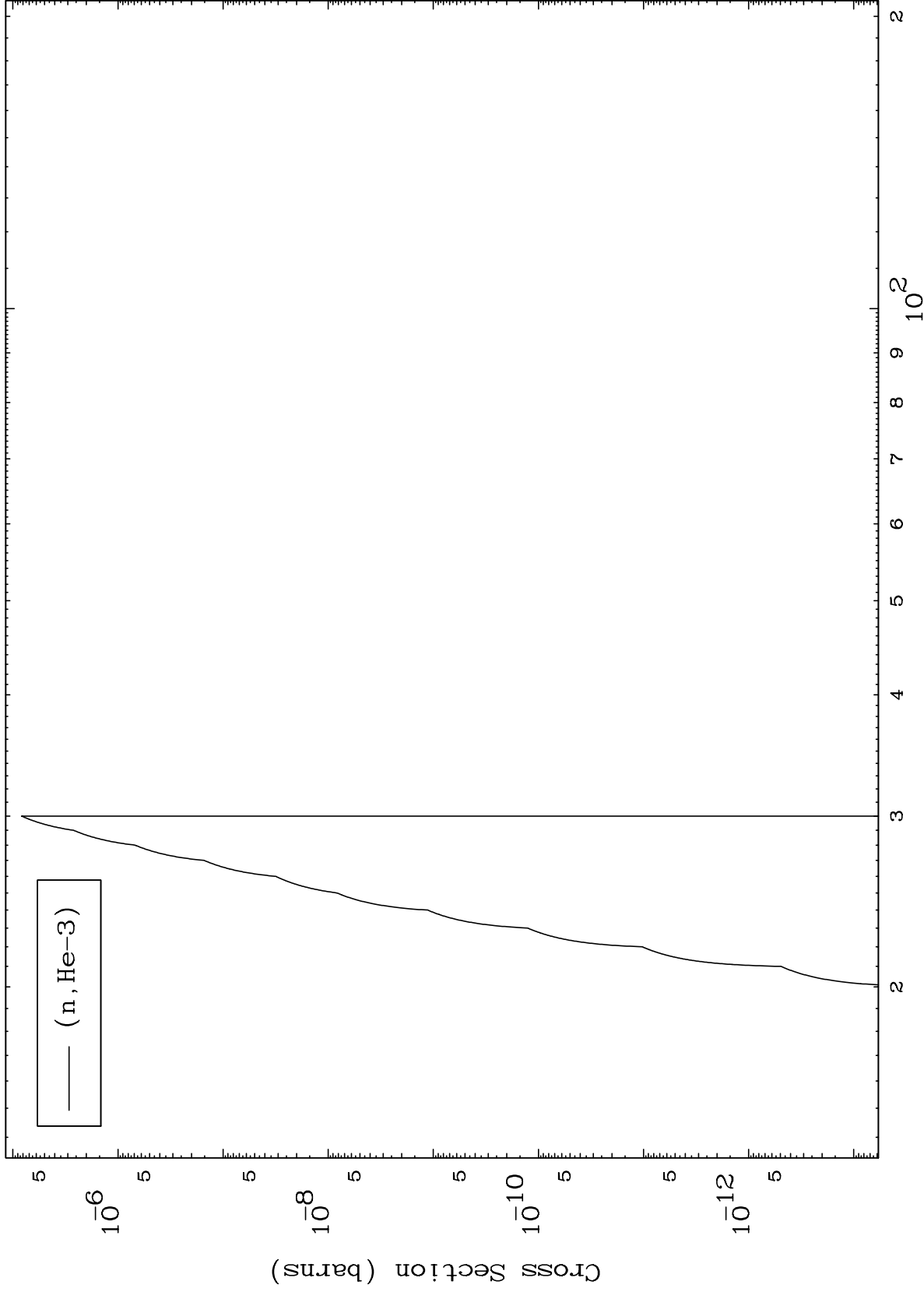
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-118



13

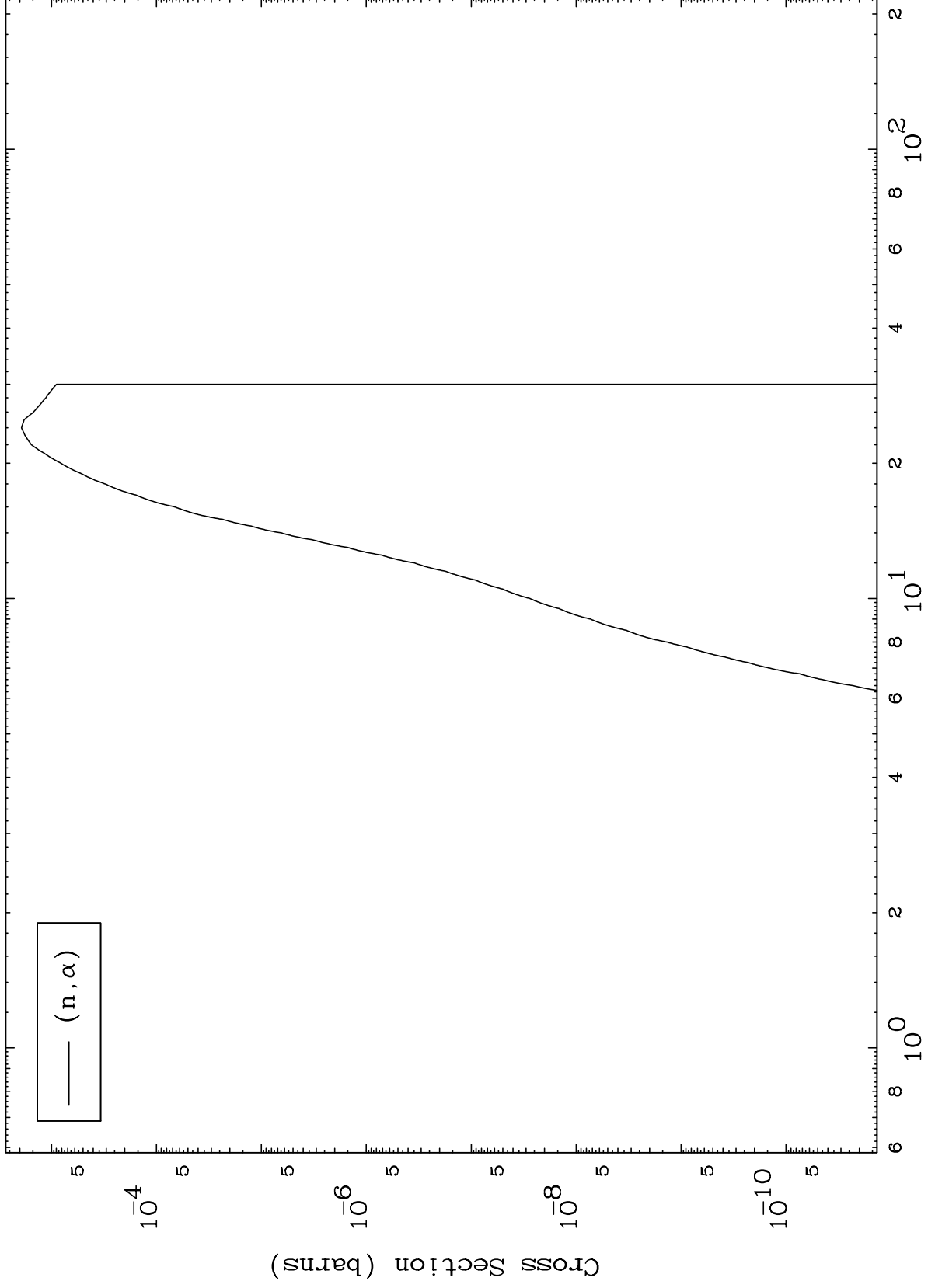
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n, α) Levels
293 Kelvin Cross Sections

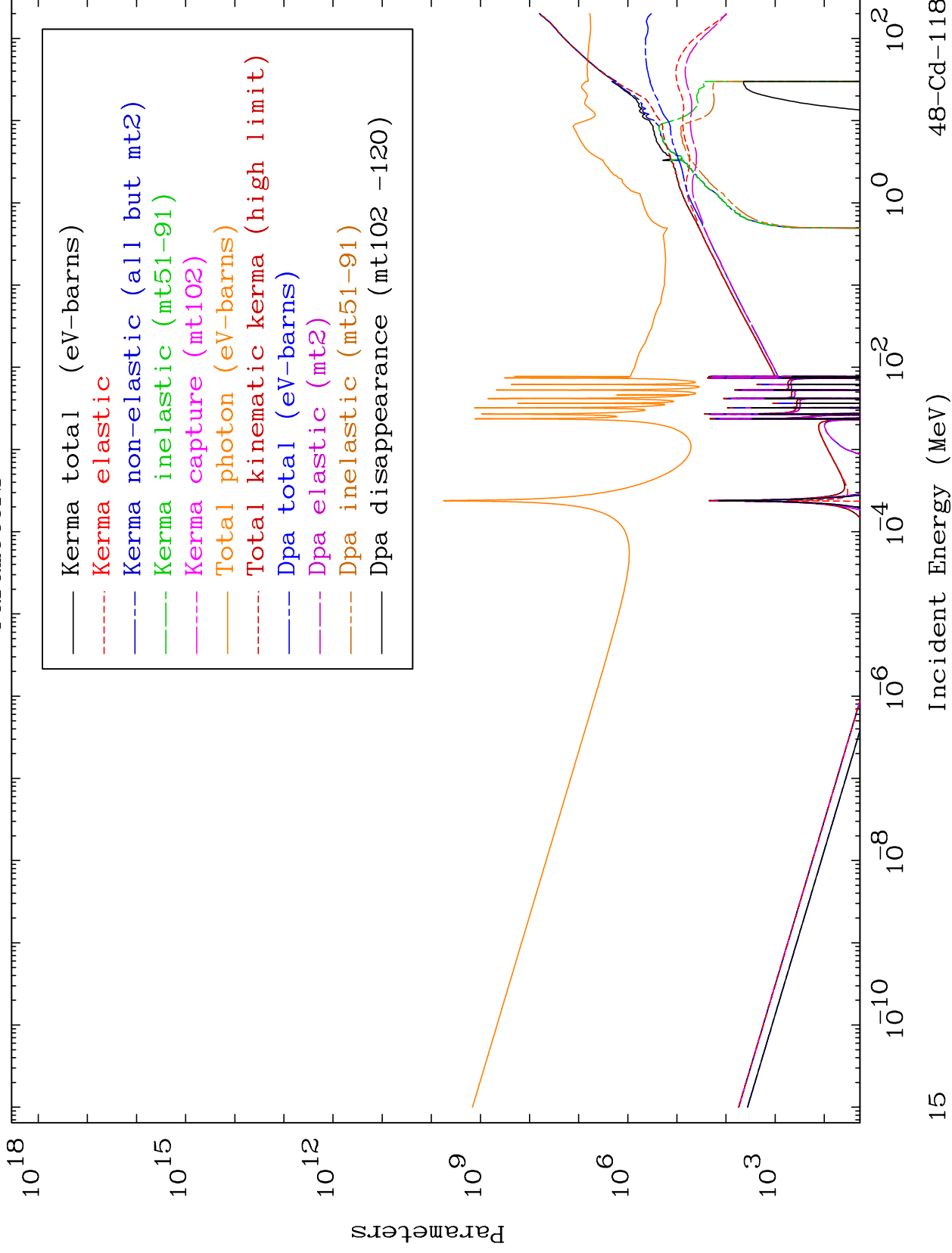
48-Cd-118



14

Incident Energy (MeV)

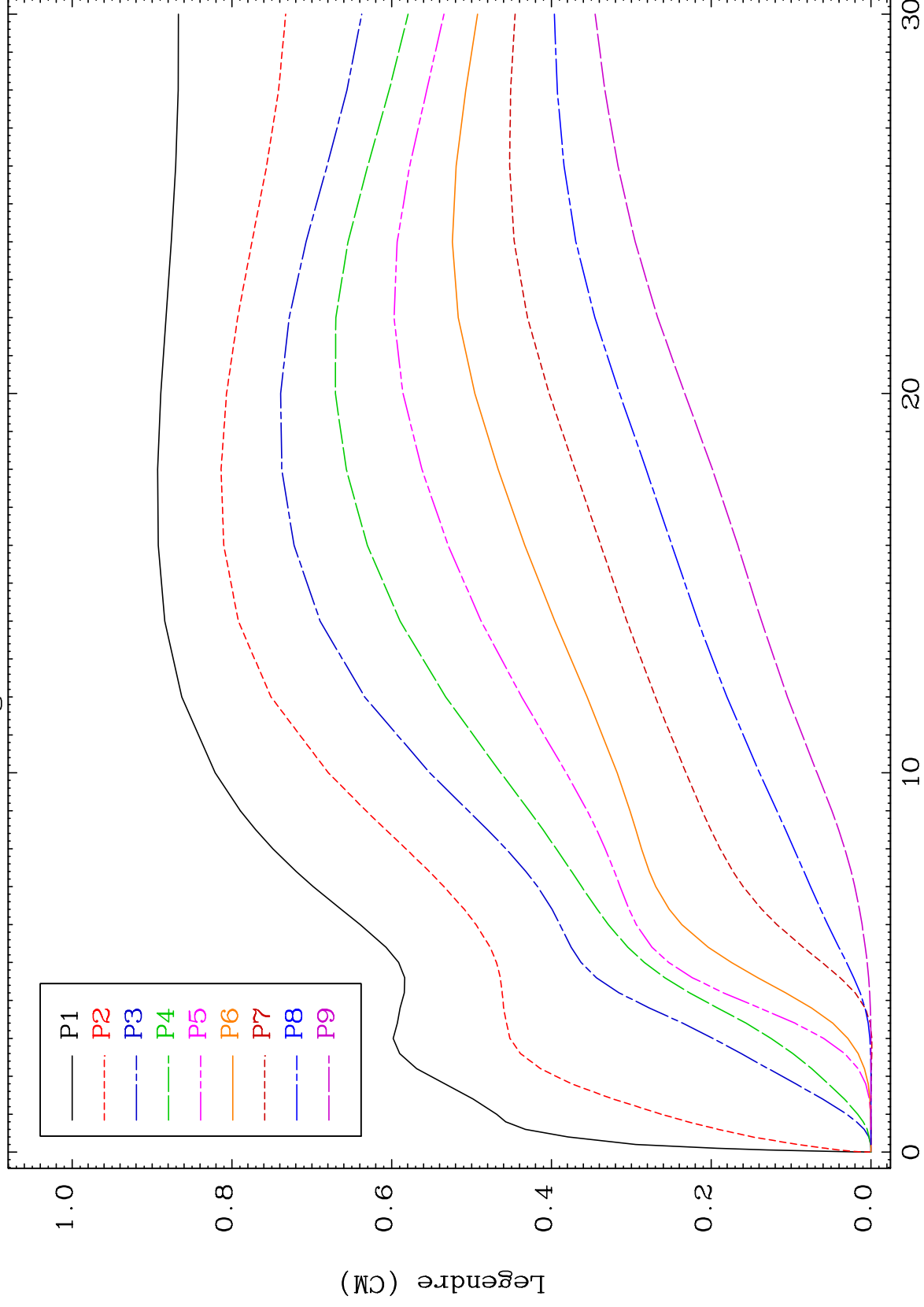
48-Cd-118



MAT 4861

Elastic Legendre Coefficients

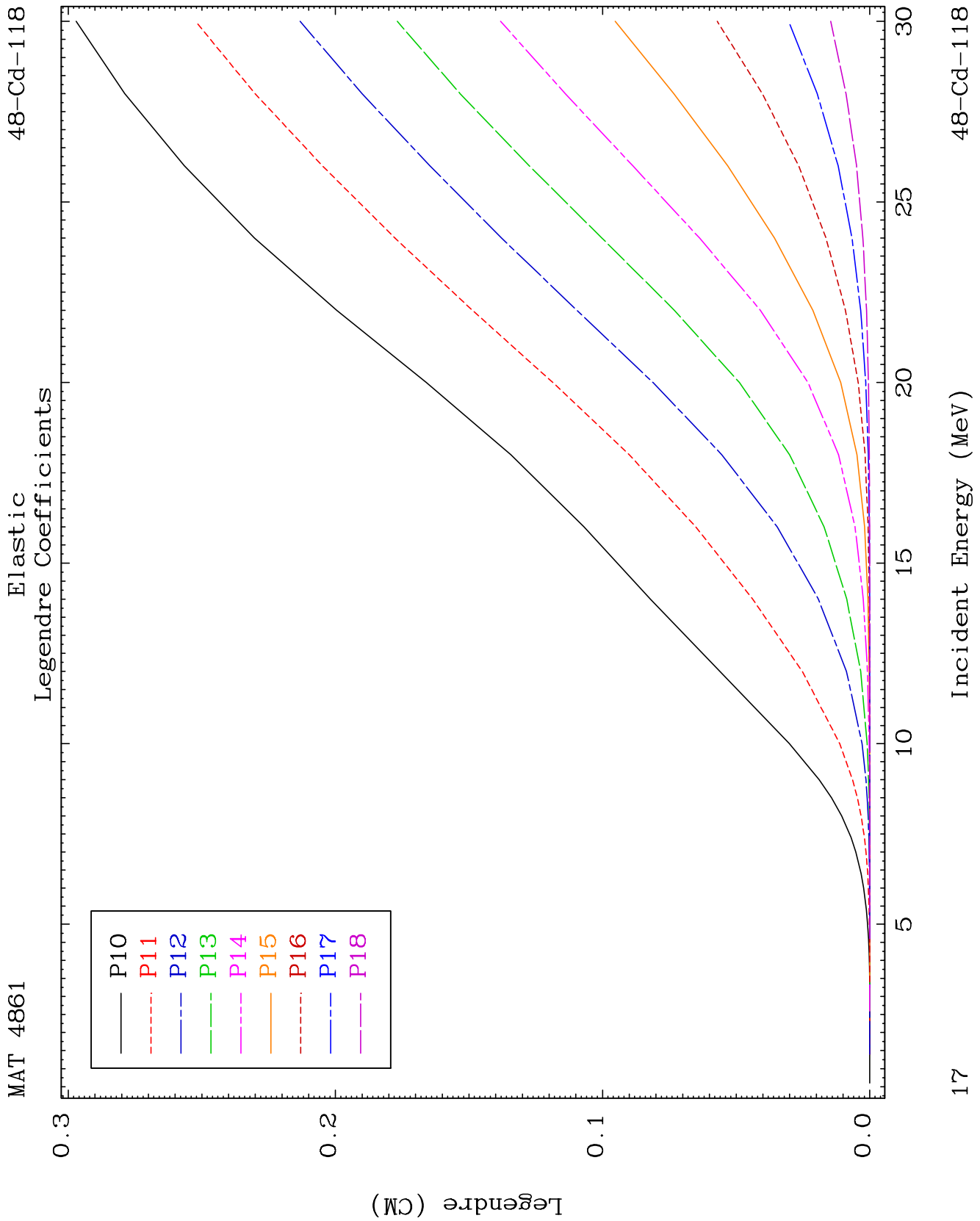
48-Cd-118



16

Incident Energy (MeV)

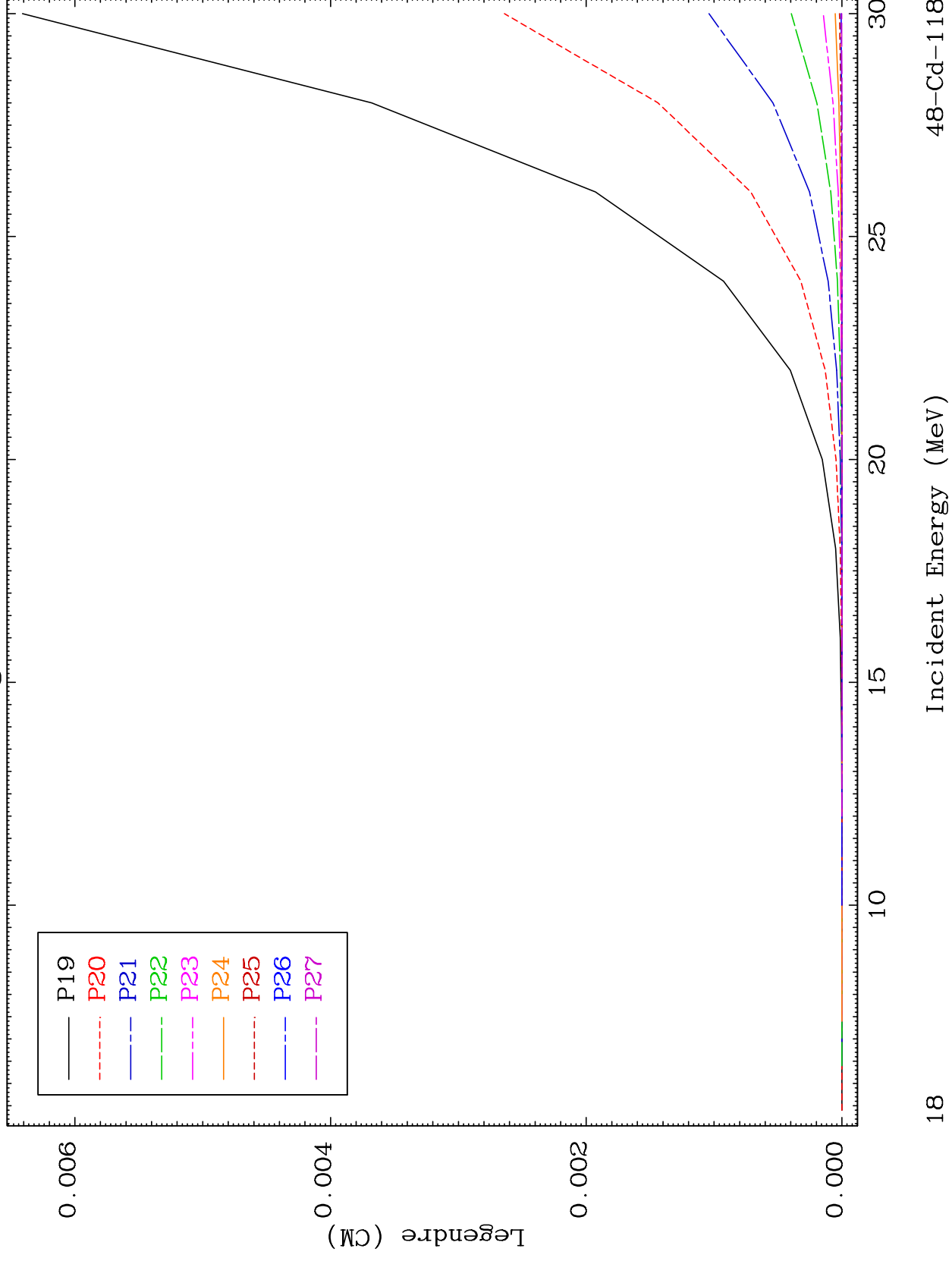
48-Cd-118



MAT 4861

Elastic Legendre Coefficients

48-Cd-118



18

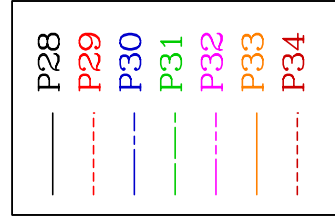
Incident Energy (MeV)

48-Cd-118

MAT 4861

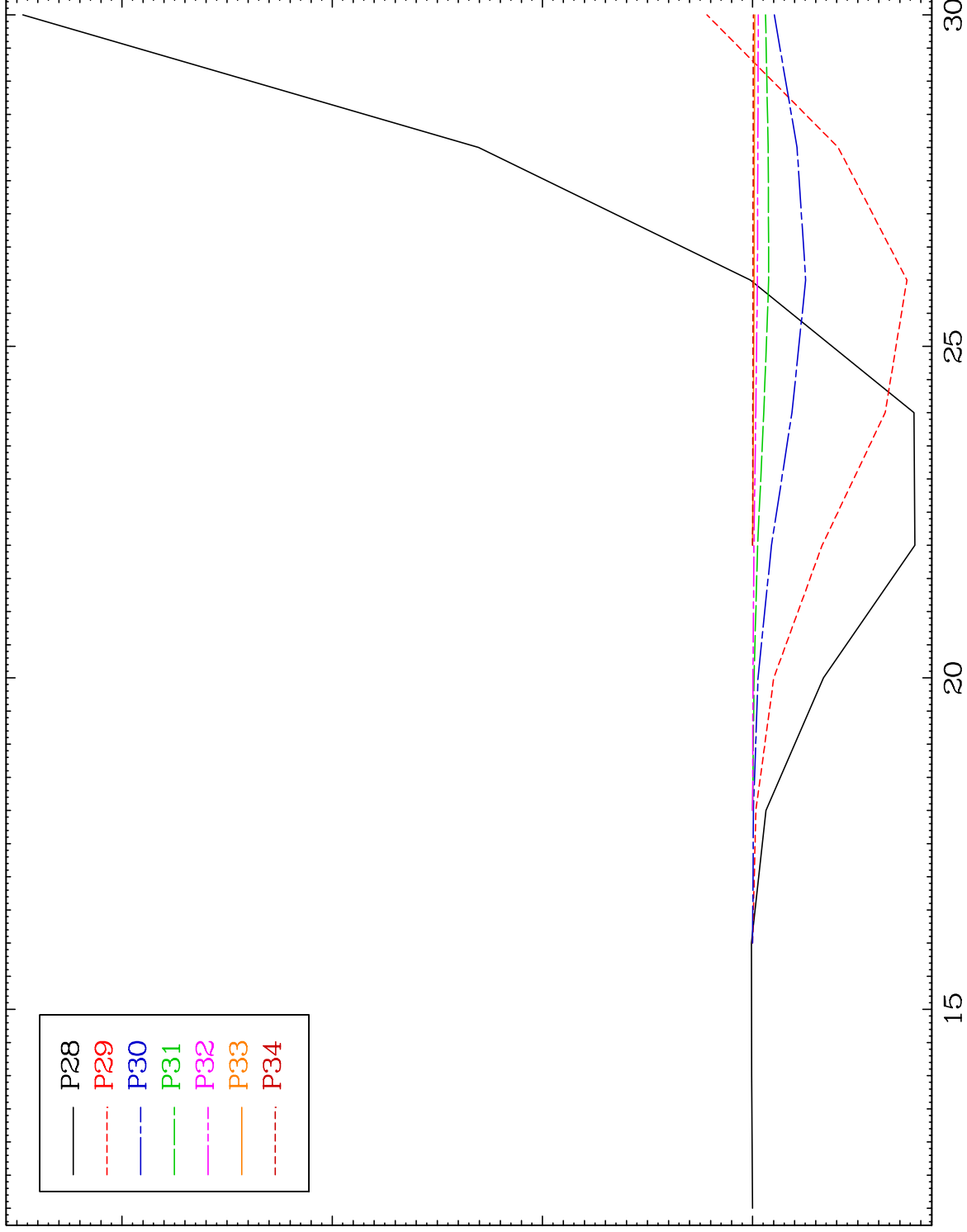
Elastic
Legendre Coefficients

48-Cd-118



$\times 10^{-7}$

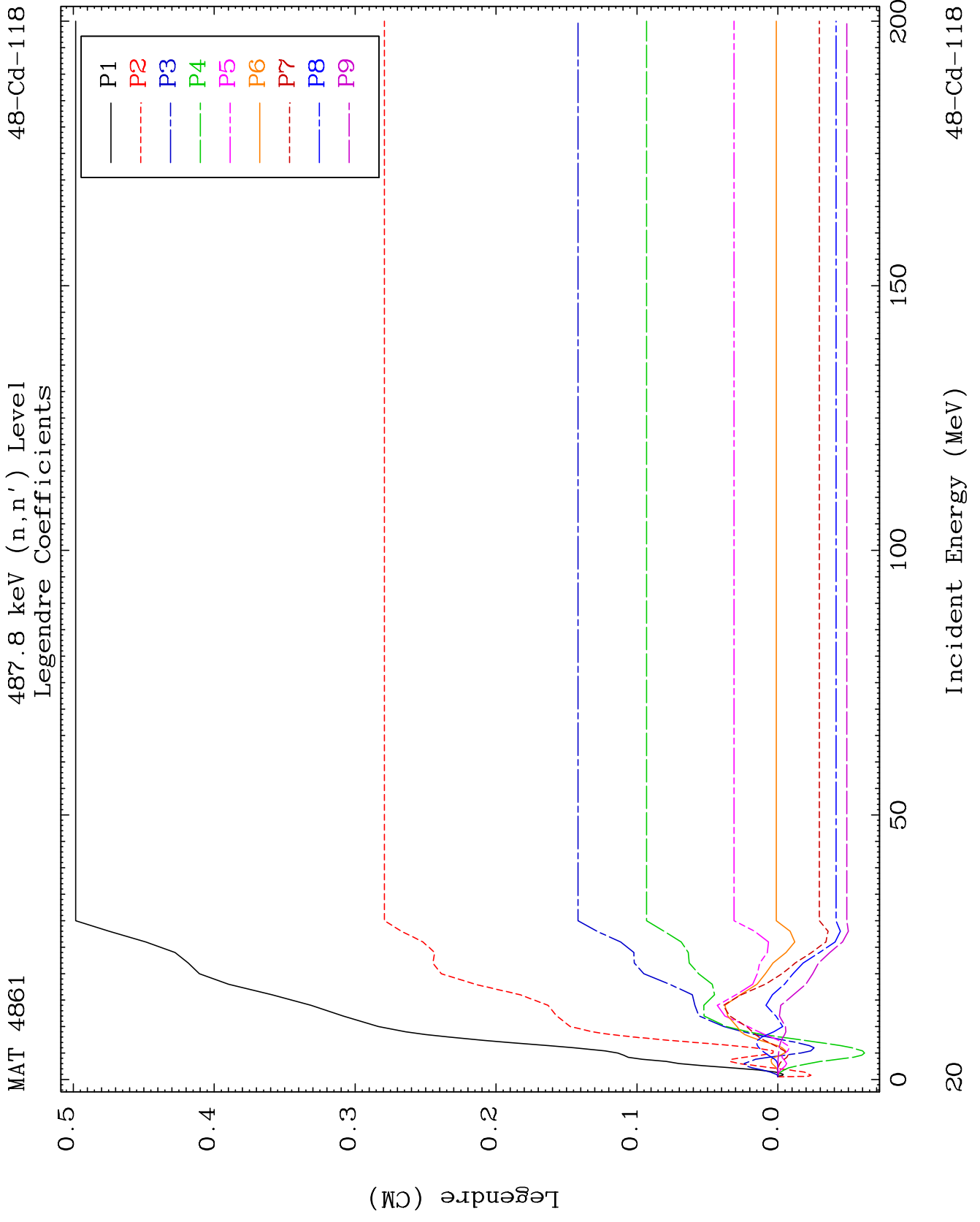
Legendre (CM)



19

Incident Energy (MeV)

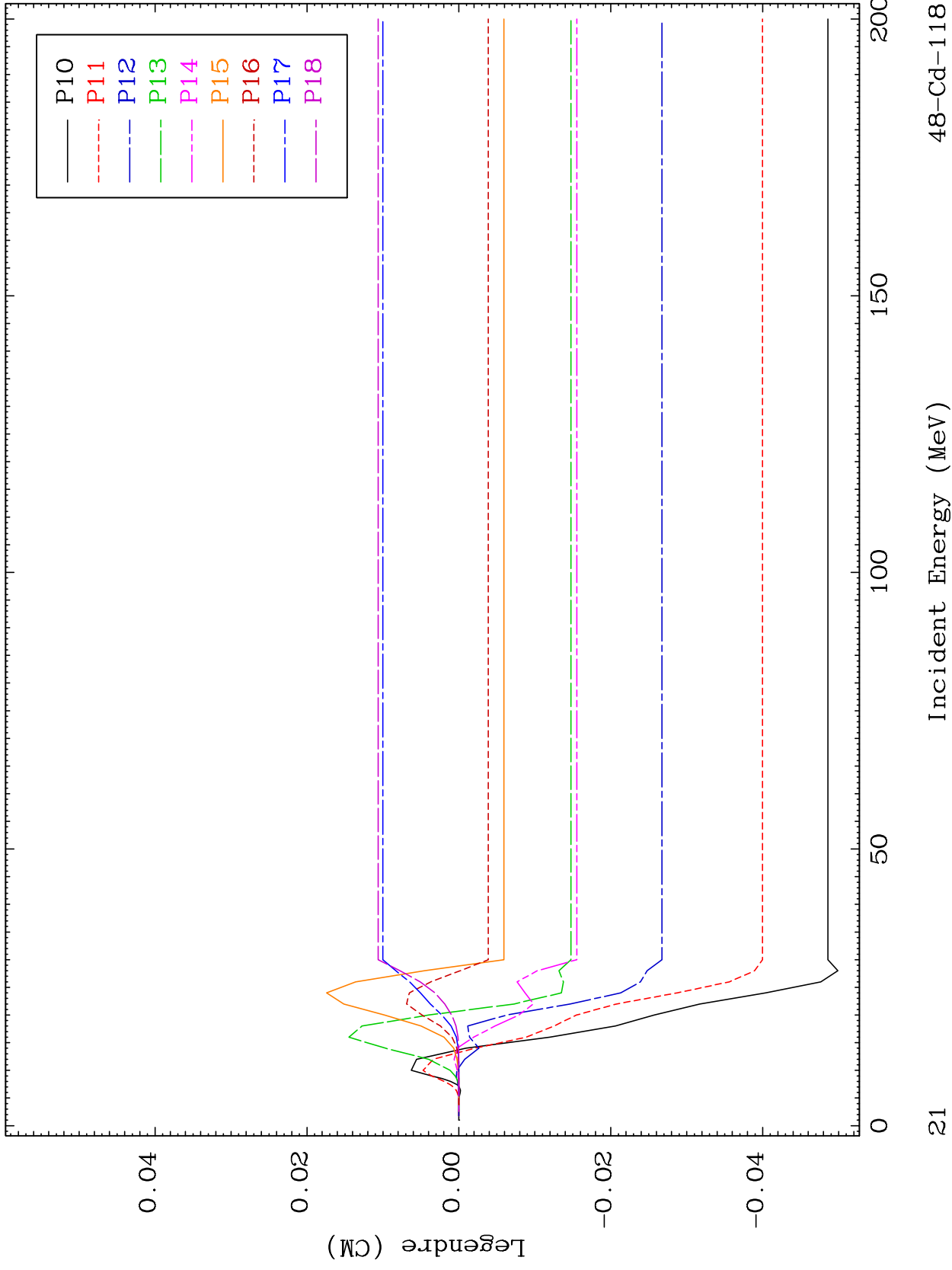
48-Cd-118



MAT 4861

487.8 keV (n,n') Level
Legendre Coefficients

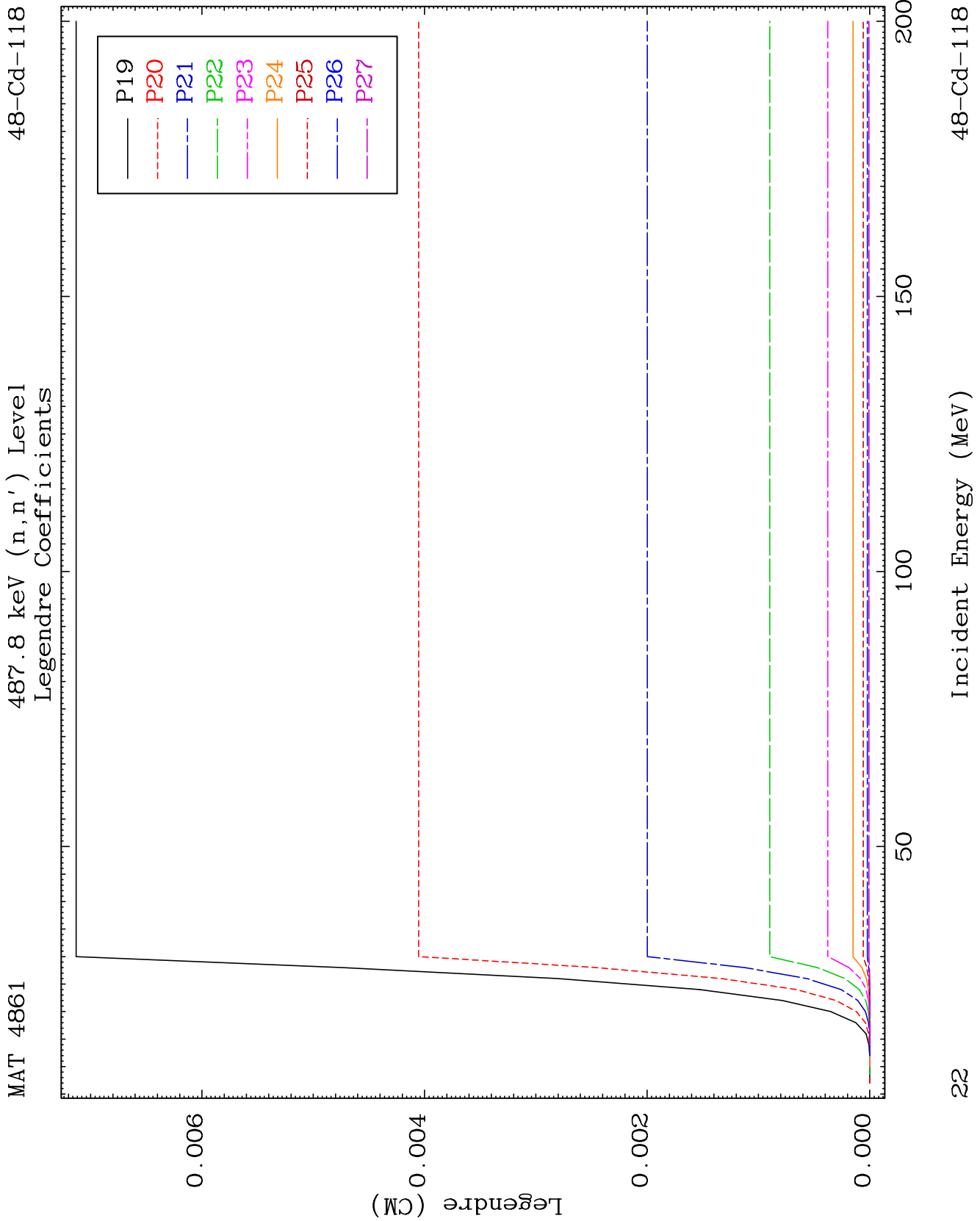
48-Cd-118



21

Incident Energy (MeV)

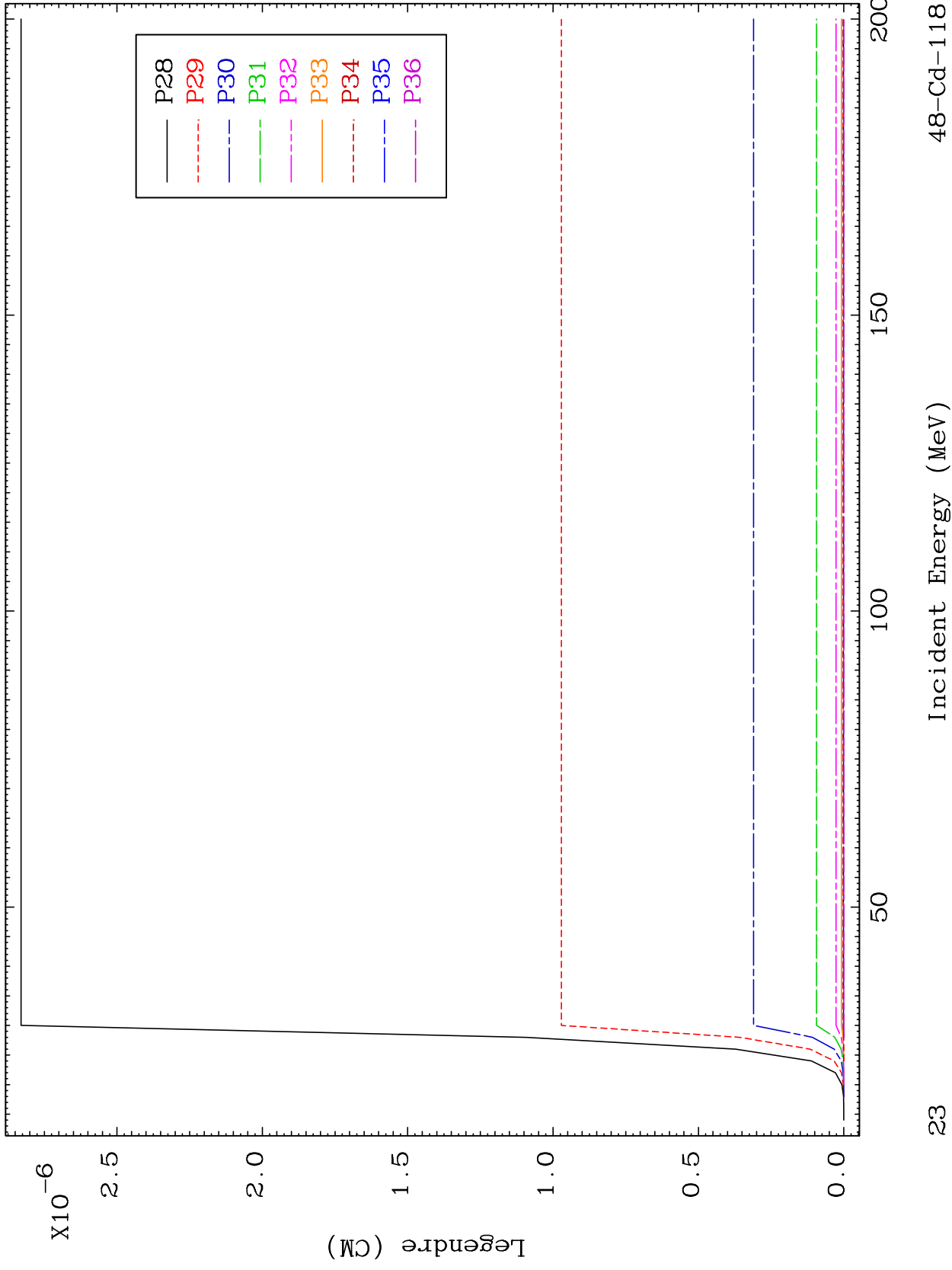
48-Cd-118



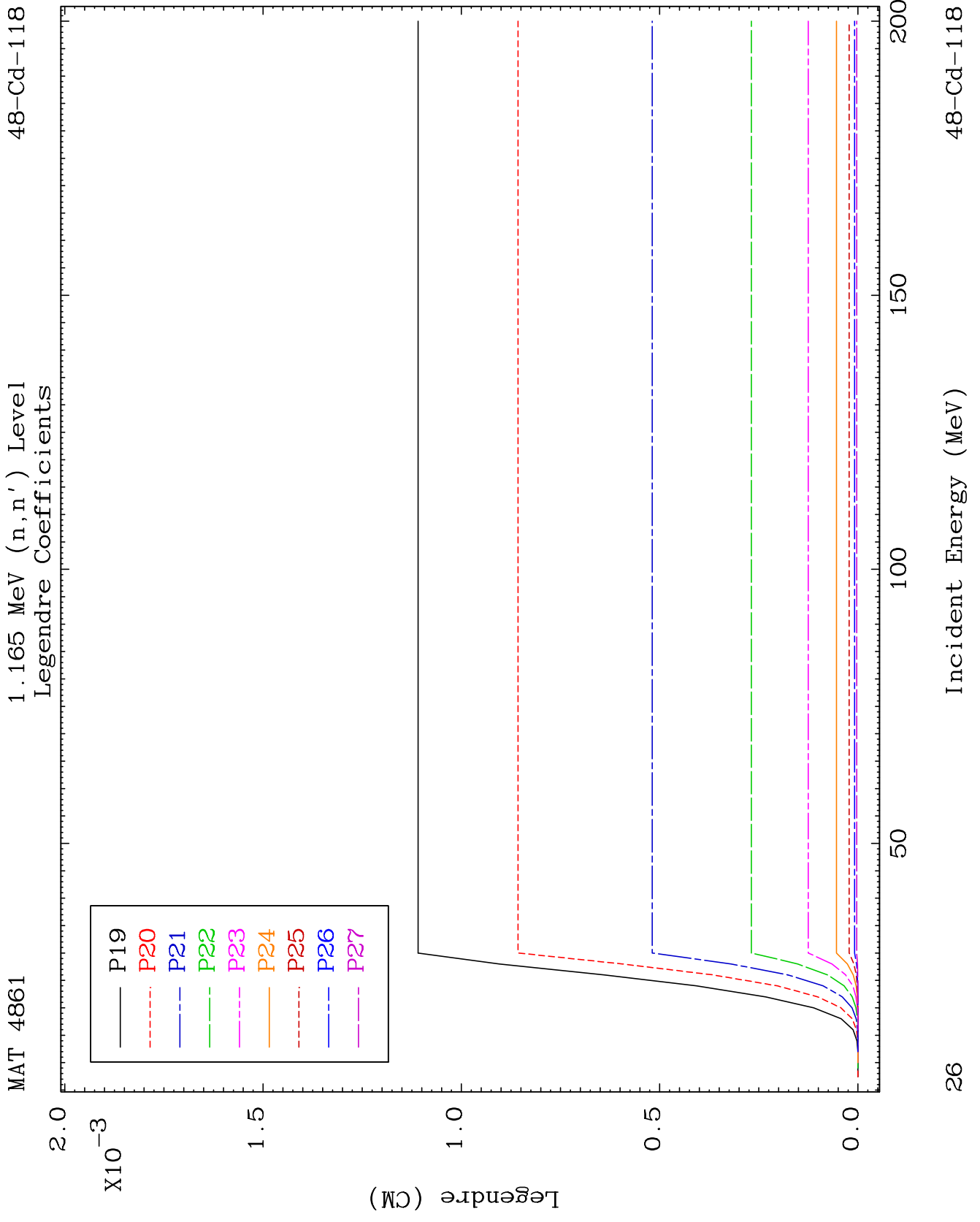
MAT 4861

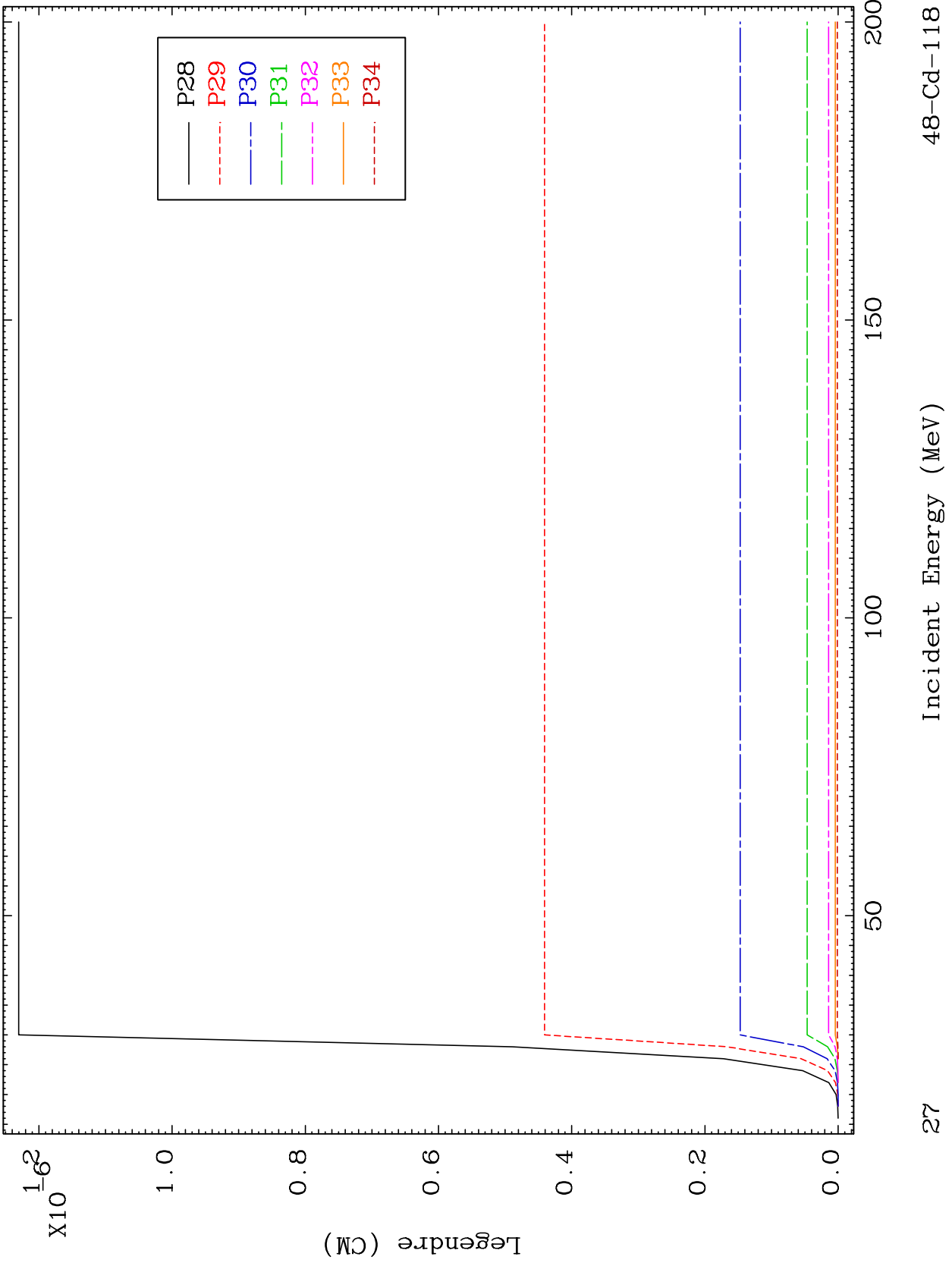
487.8 keV (n,n') Level
Legendre Coefficients

48-Cd-118



23

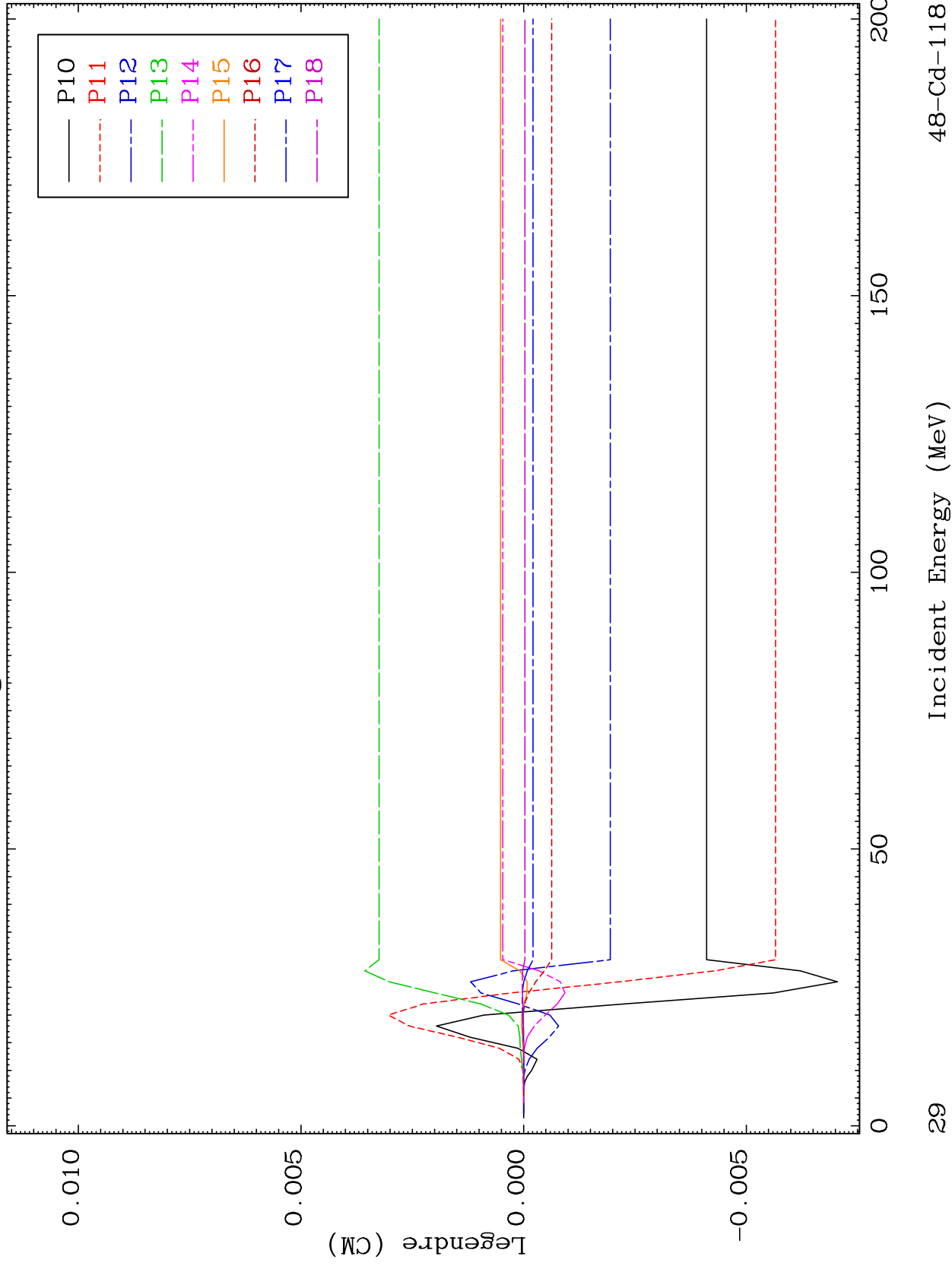




MAT 4861

1.269 MeV (n,n') Level
Legendre Coefficients

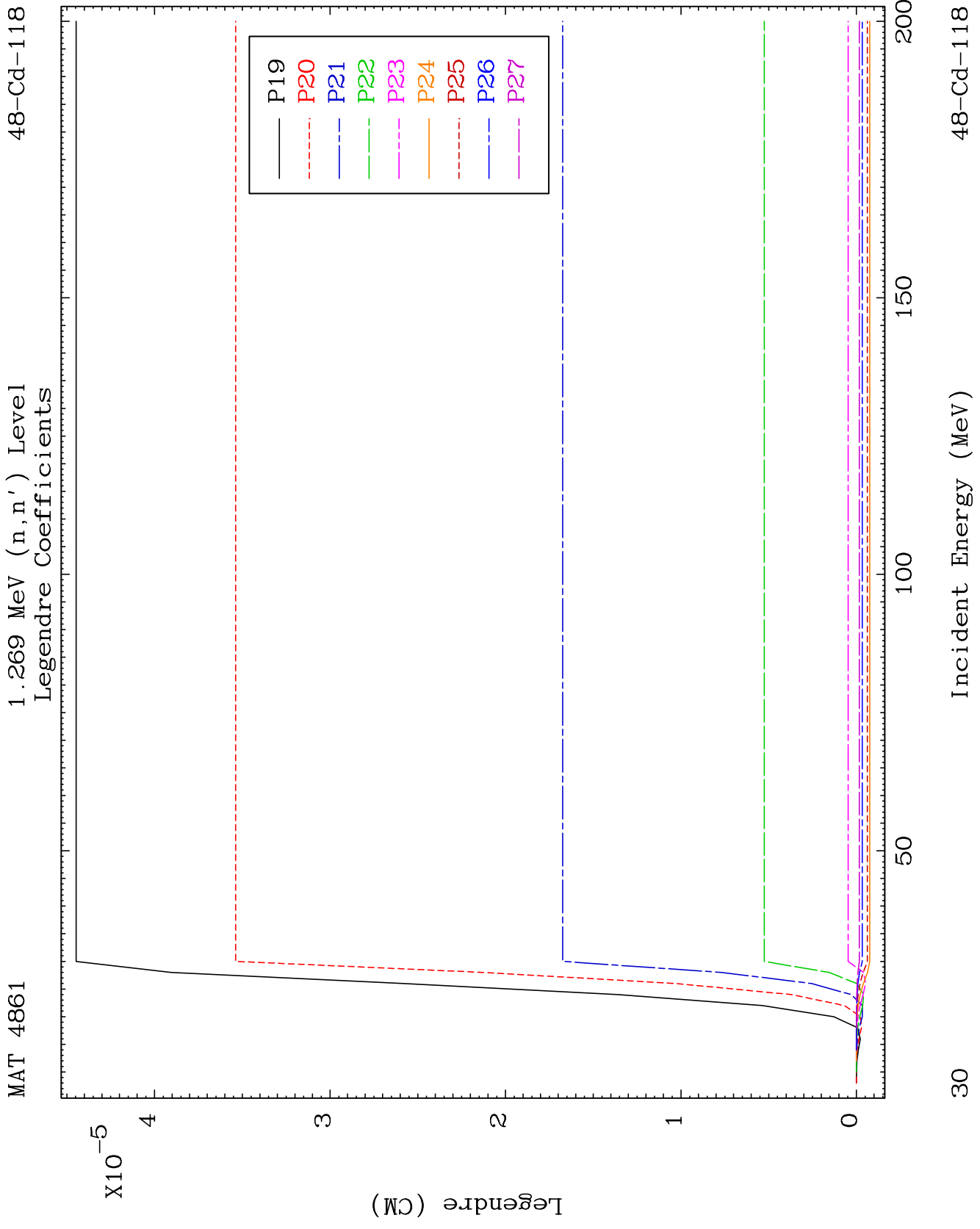
48-Cd-118

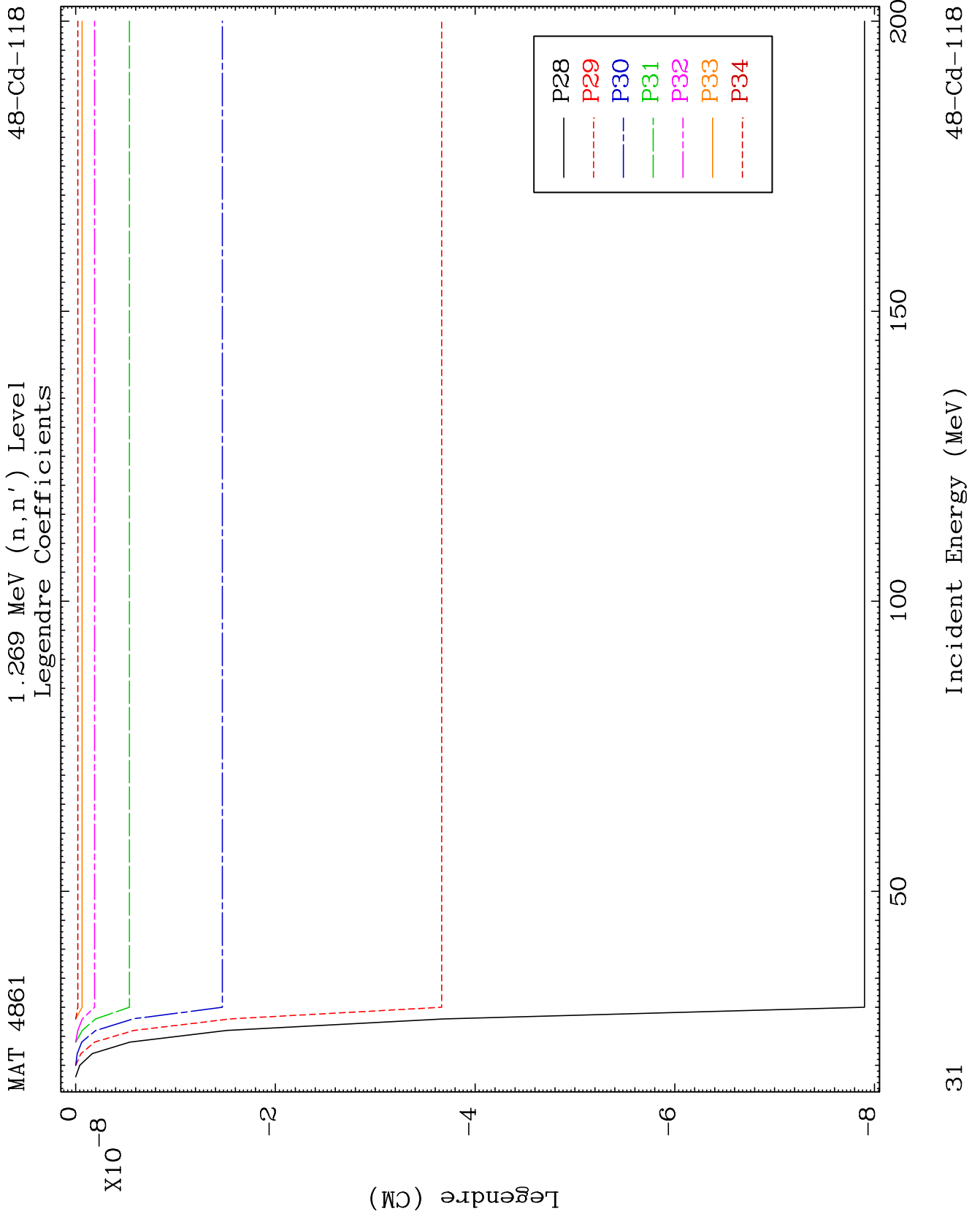


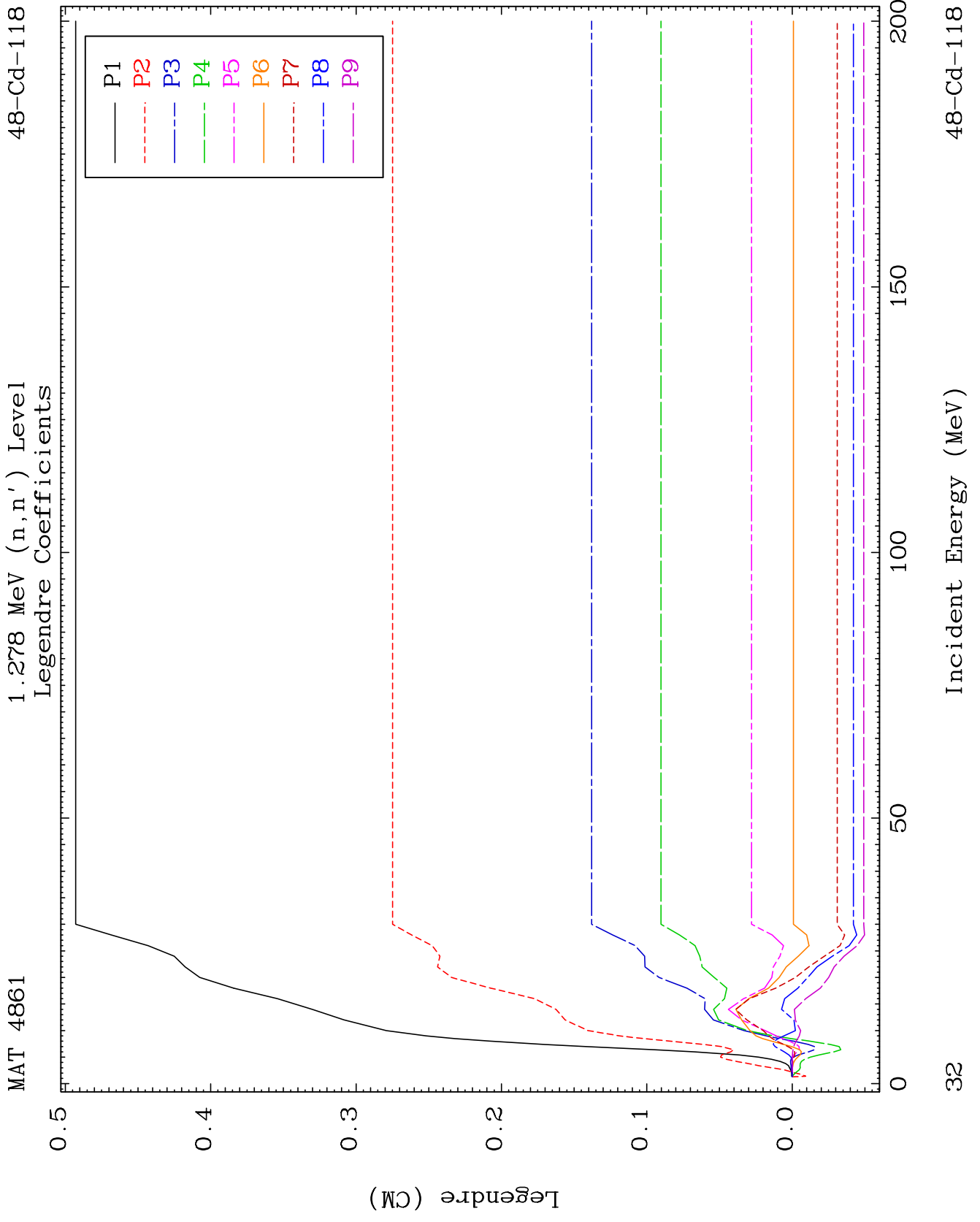
29

Incident Energy (MeV)

48-Cd-118



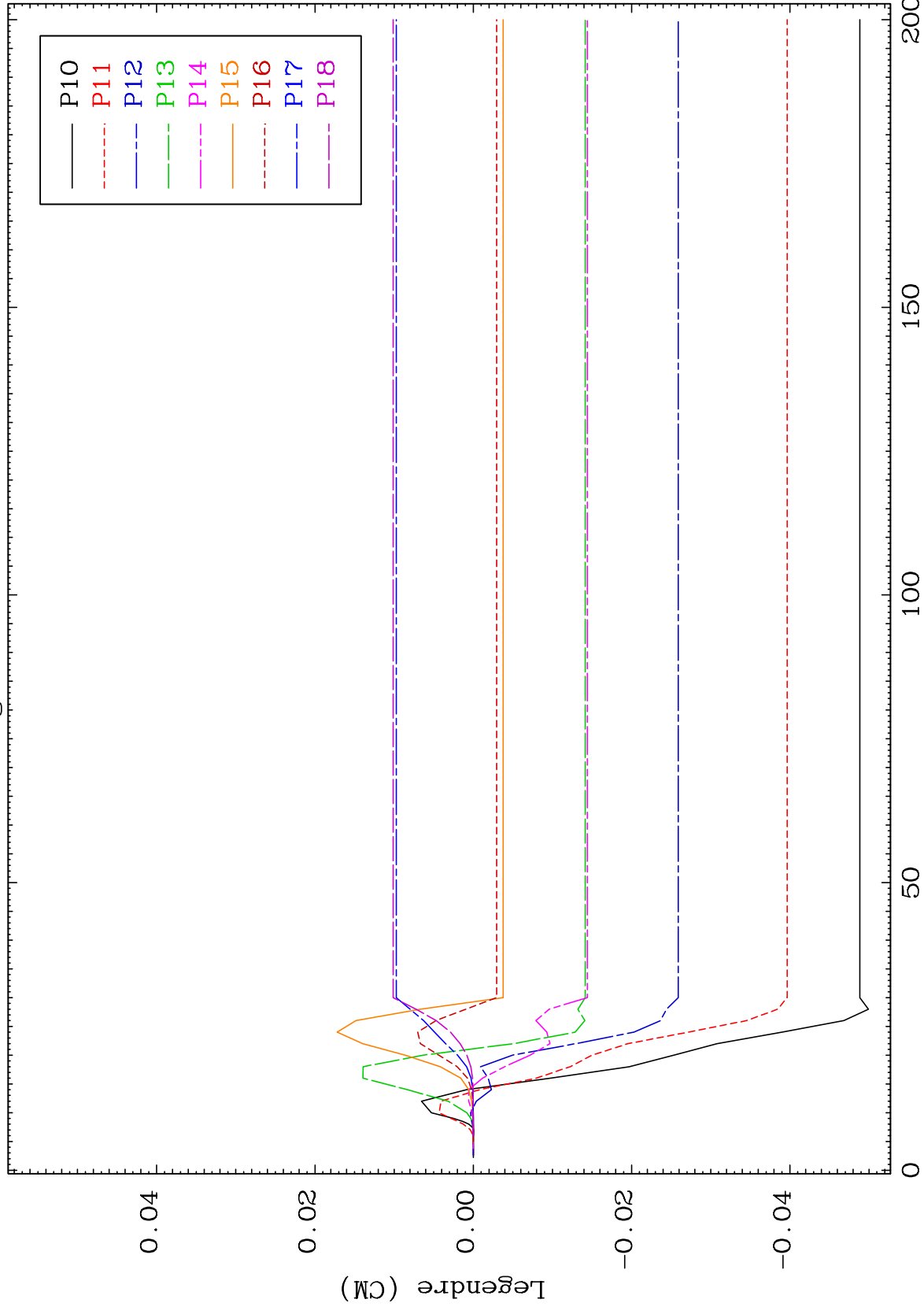




MAT 4861

1.278 MeV (n,n') Level
Legendre Coefficients

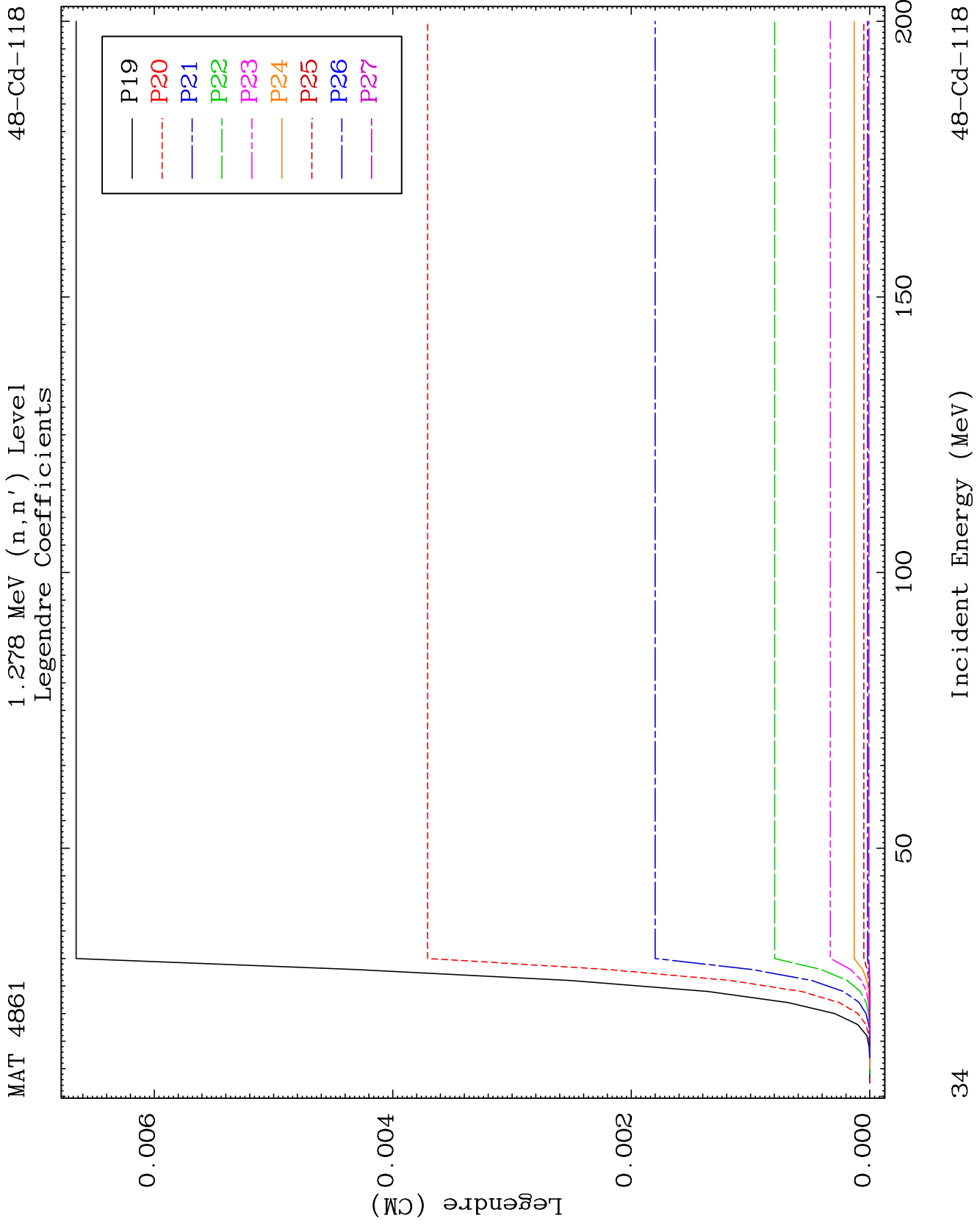
48-Cd-118

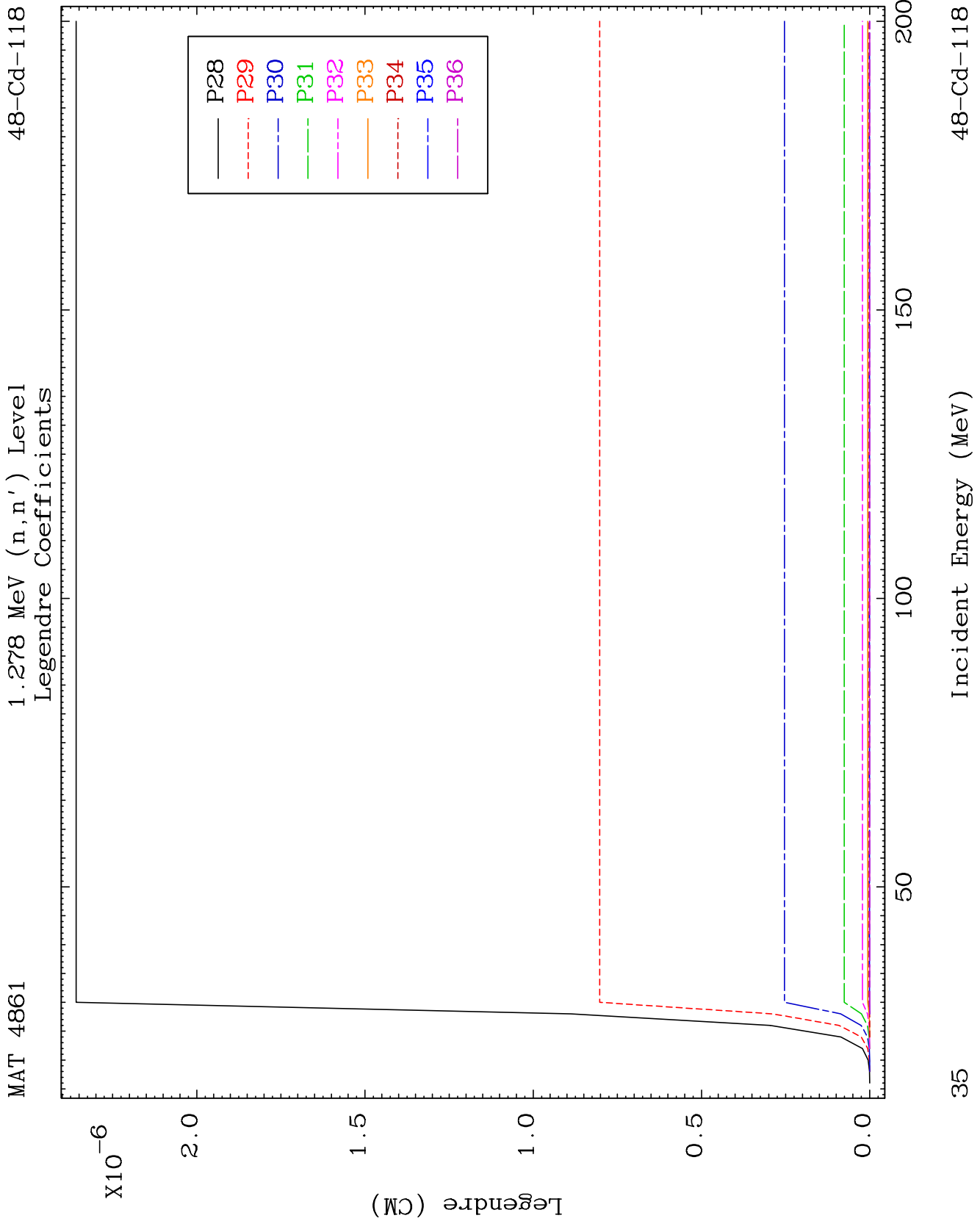


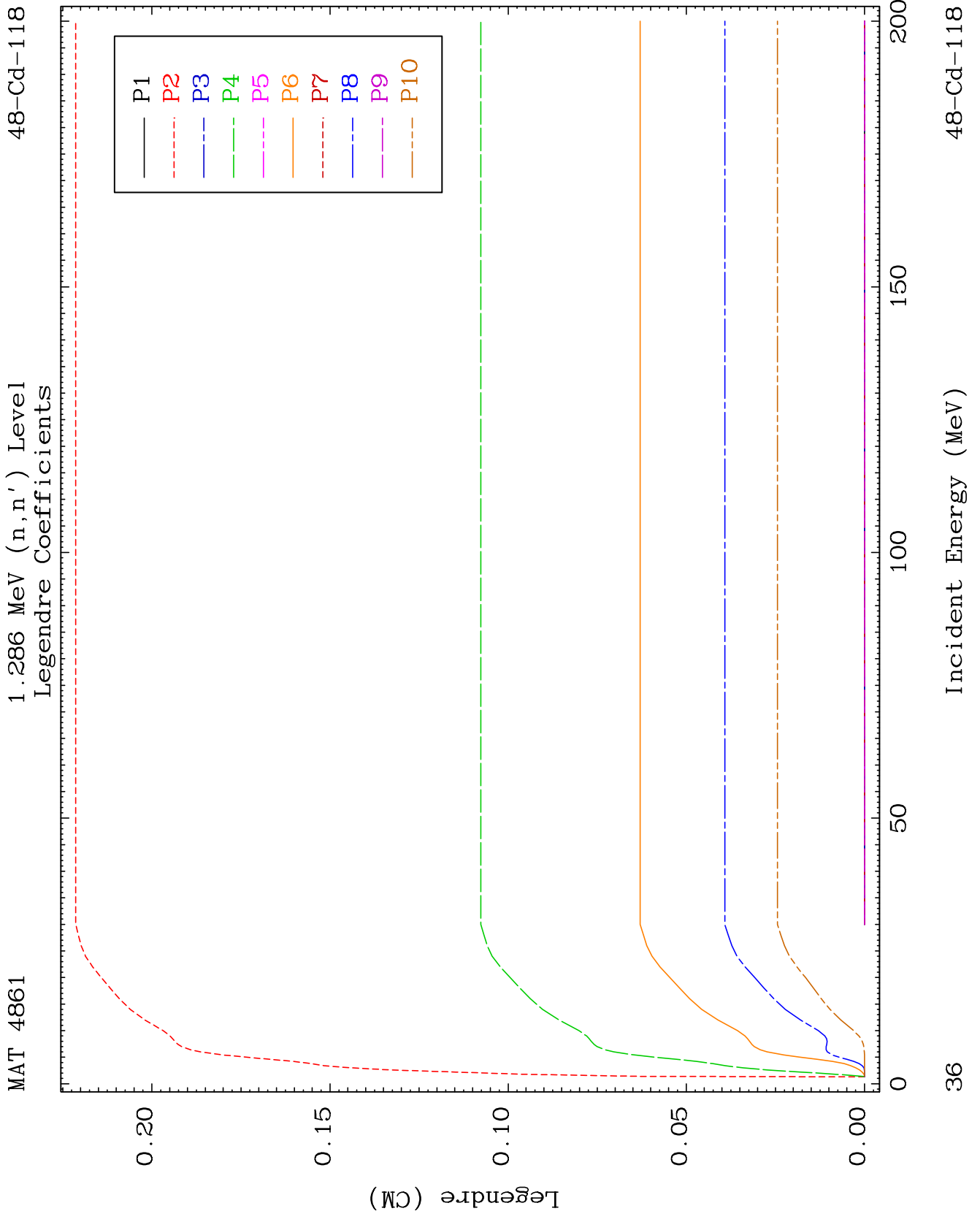
33

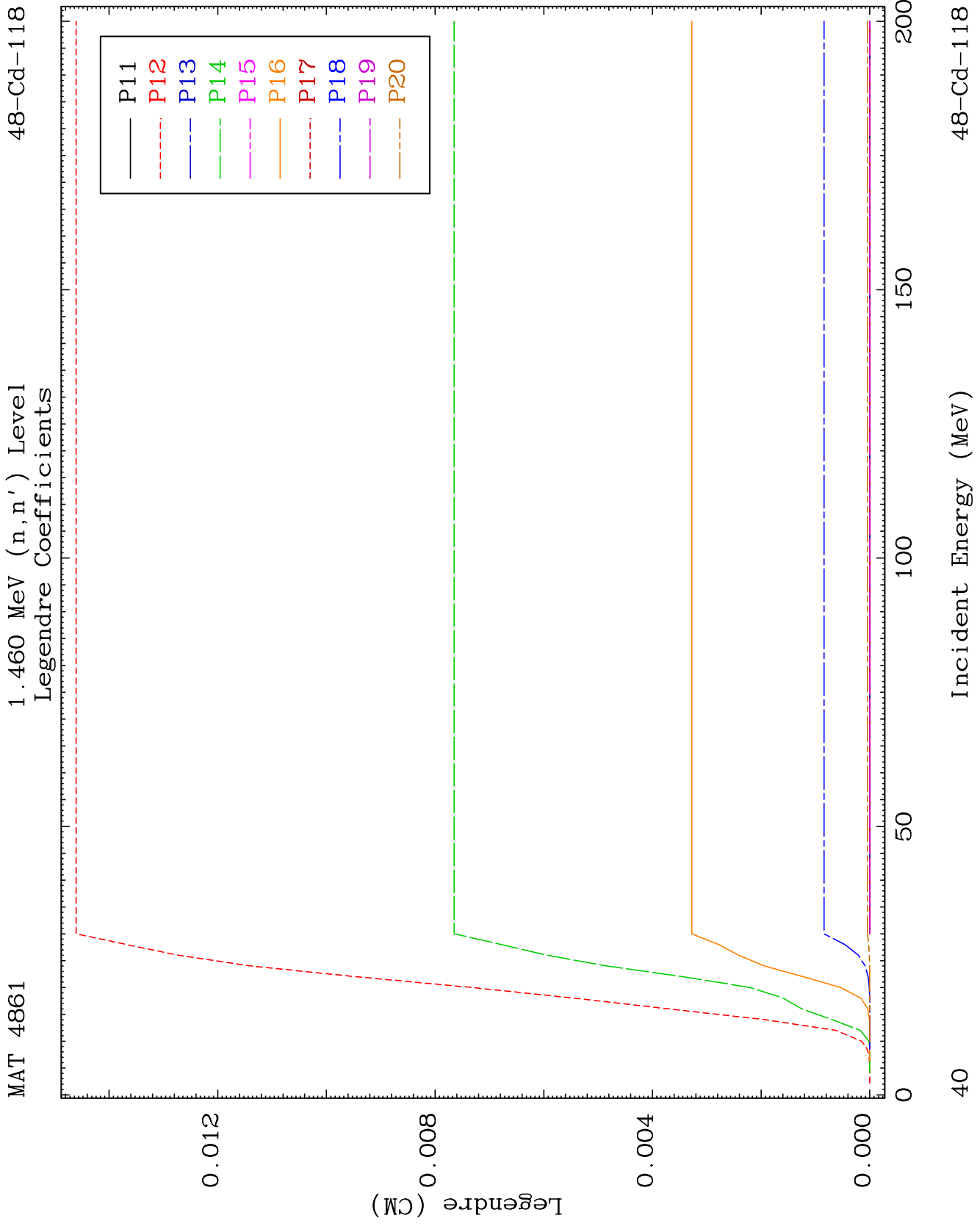
Incident Energy (MeV)

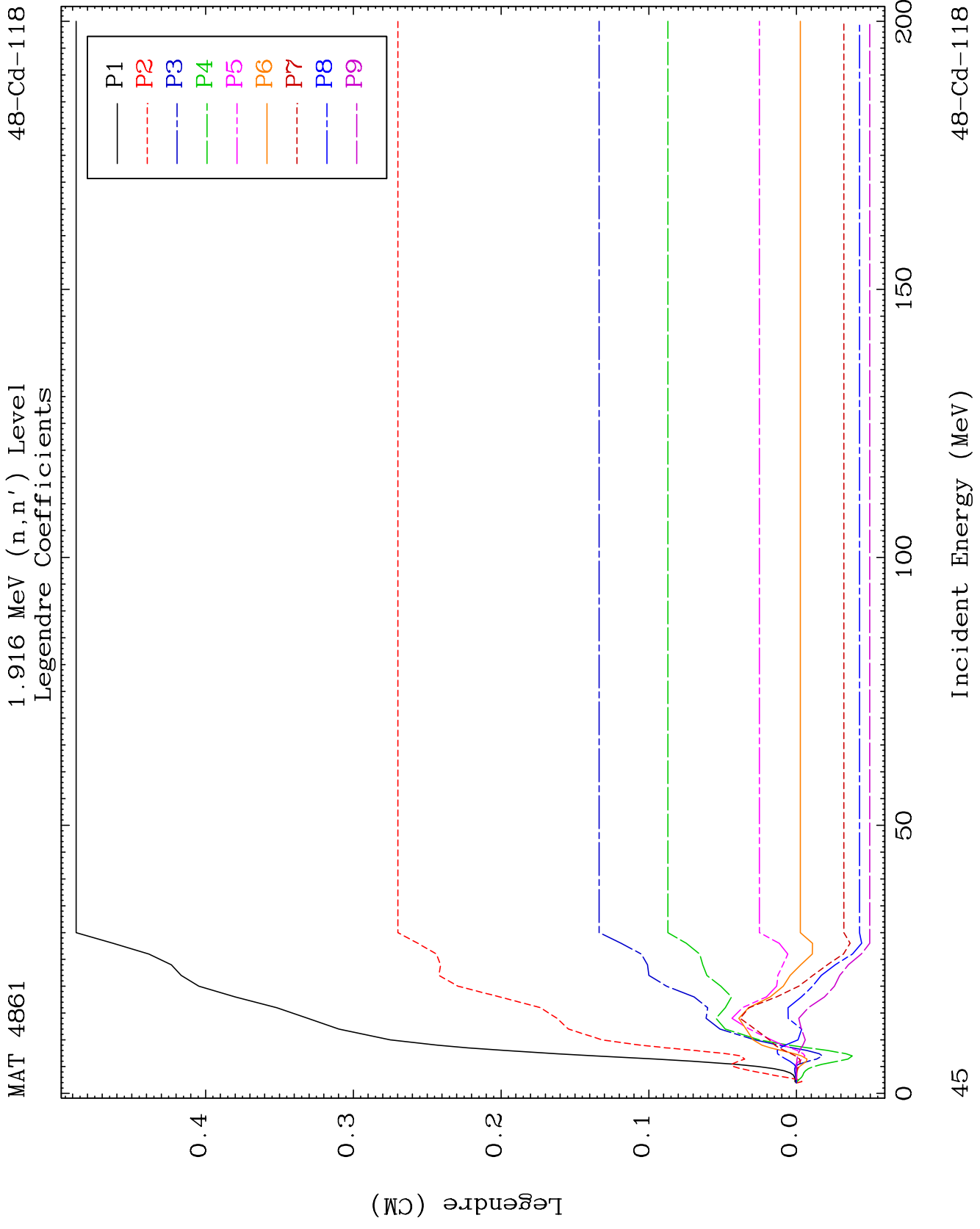
48-Cd-118

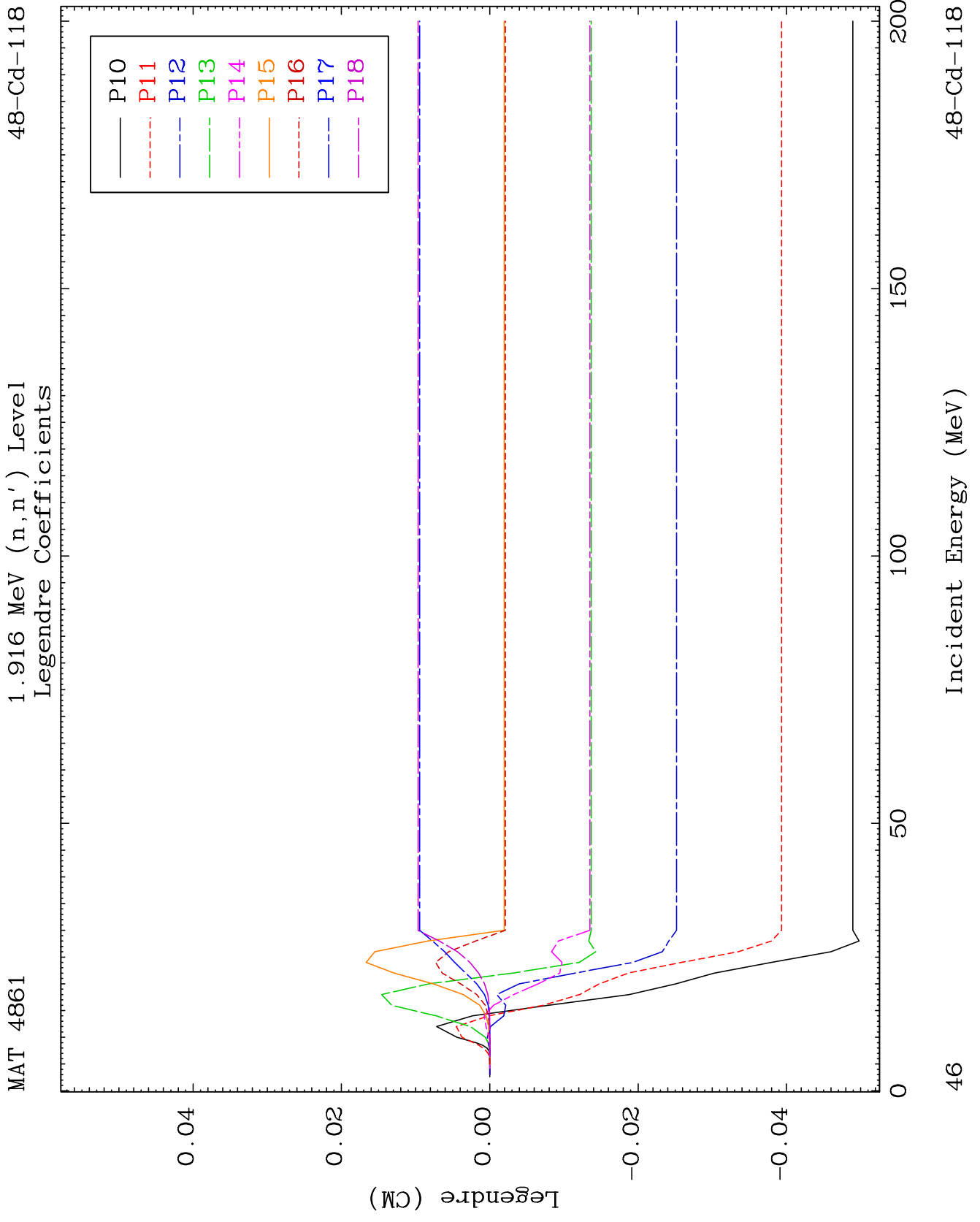








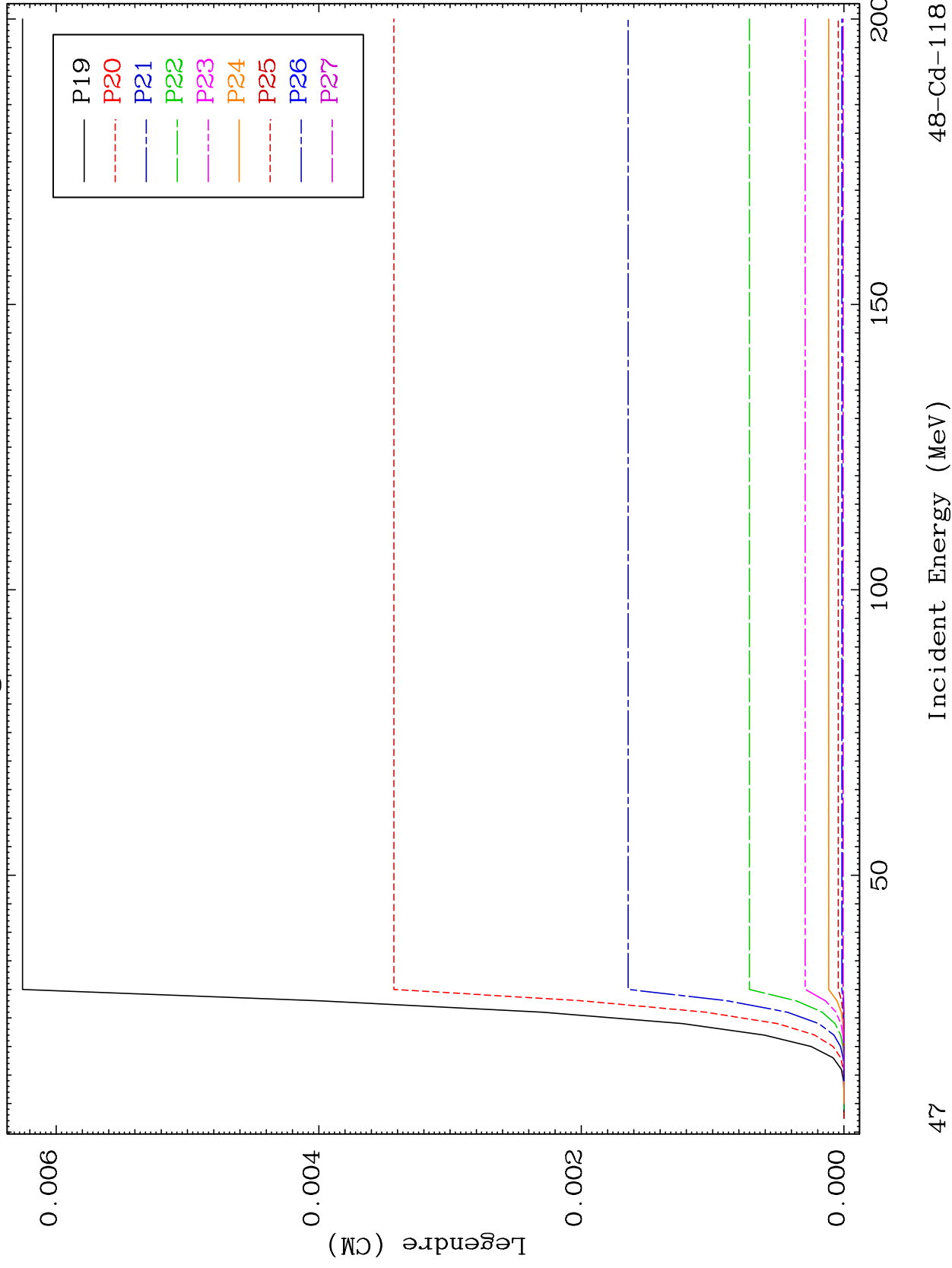




MAT 4861

1.916 MeV (n, n') Level
Legendre Coefficients

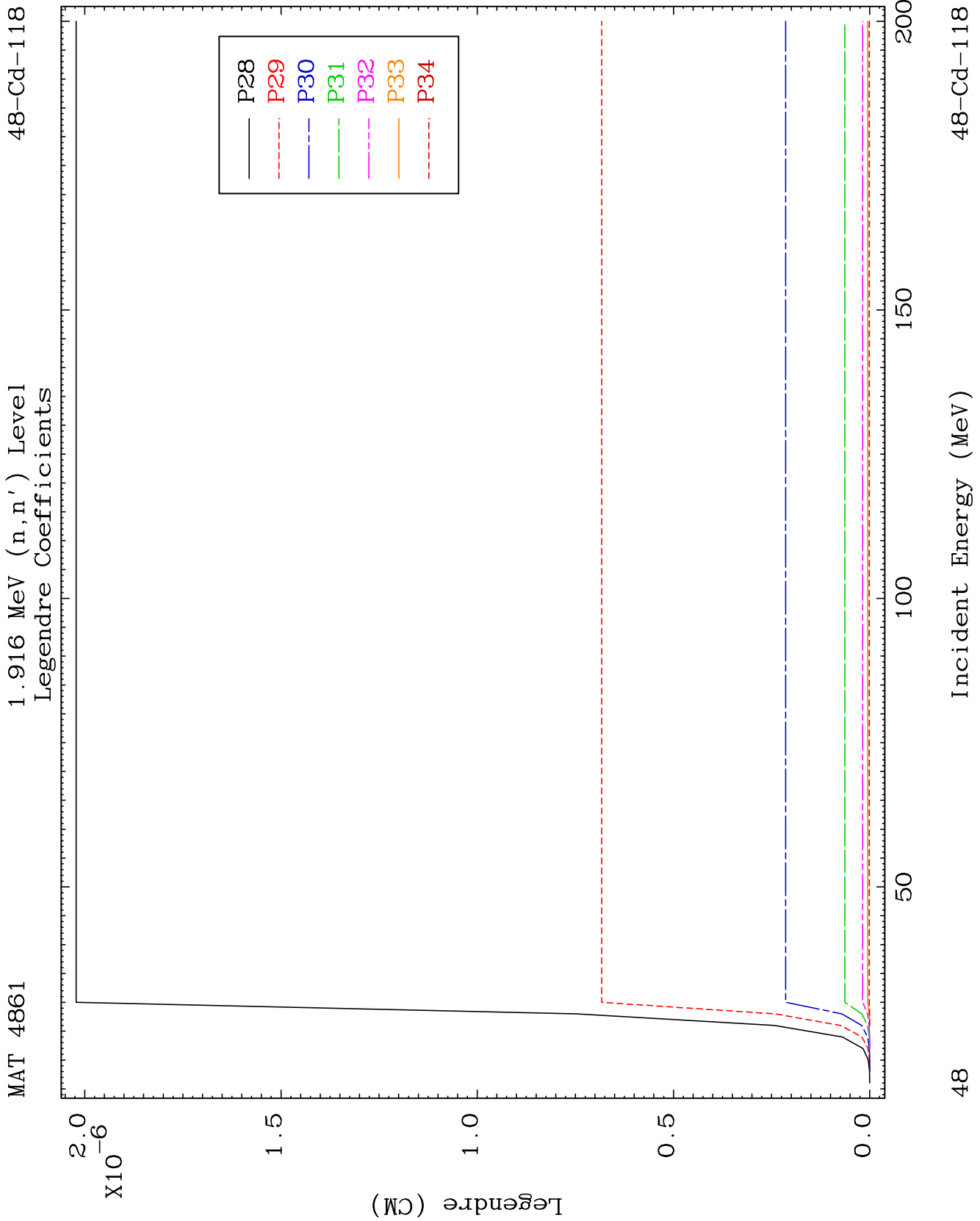
48-Cd-118



47

Incident Energy (MeV)

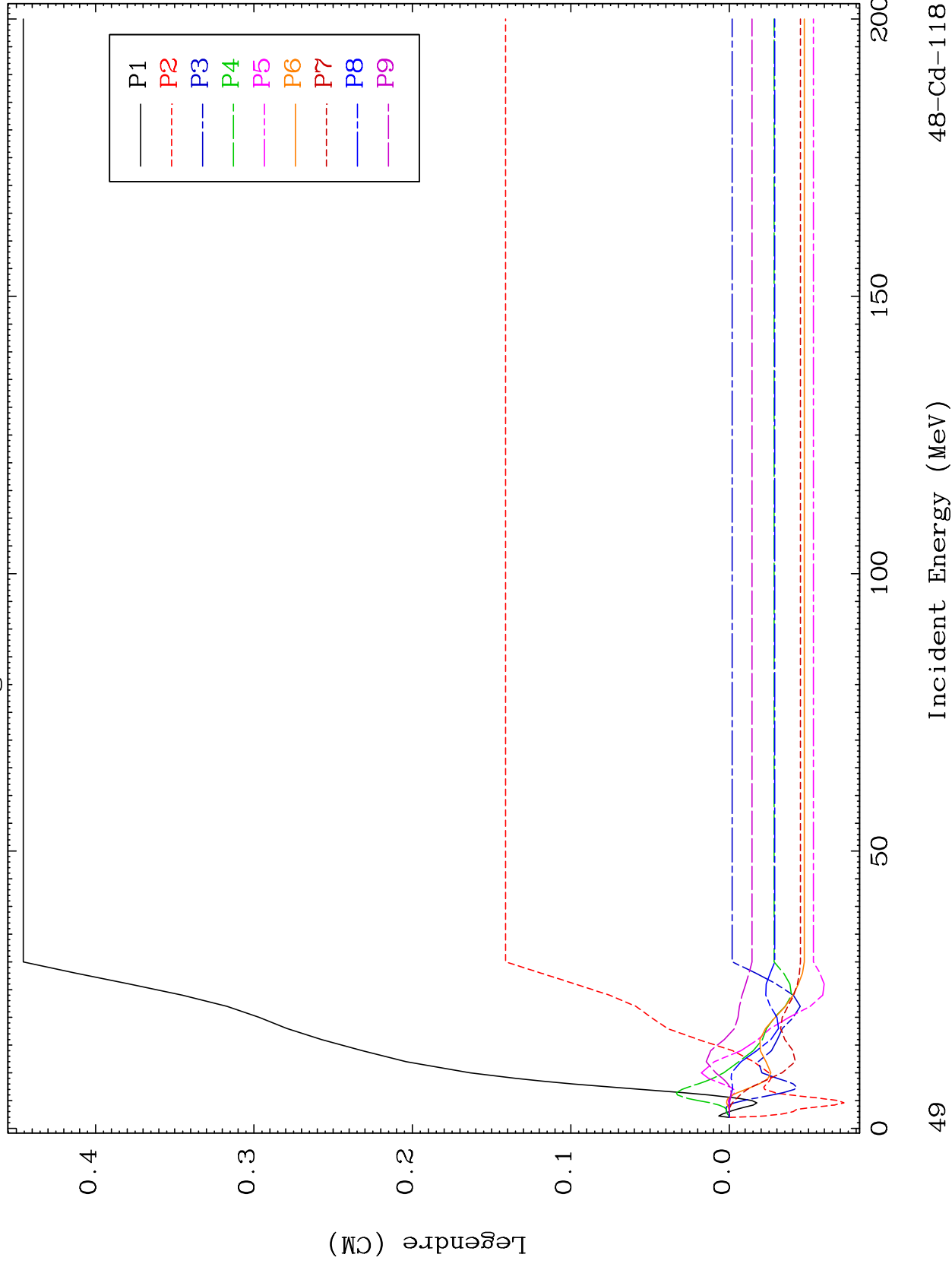
48-Cd-118



MAT 4861

1.929 MeV (n,n') Level
Legendre Coefficients

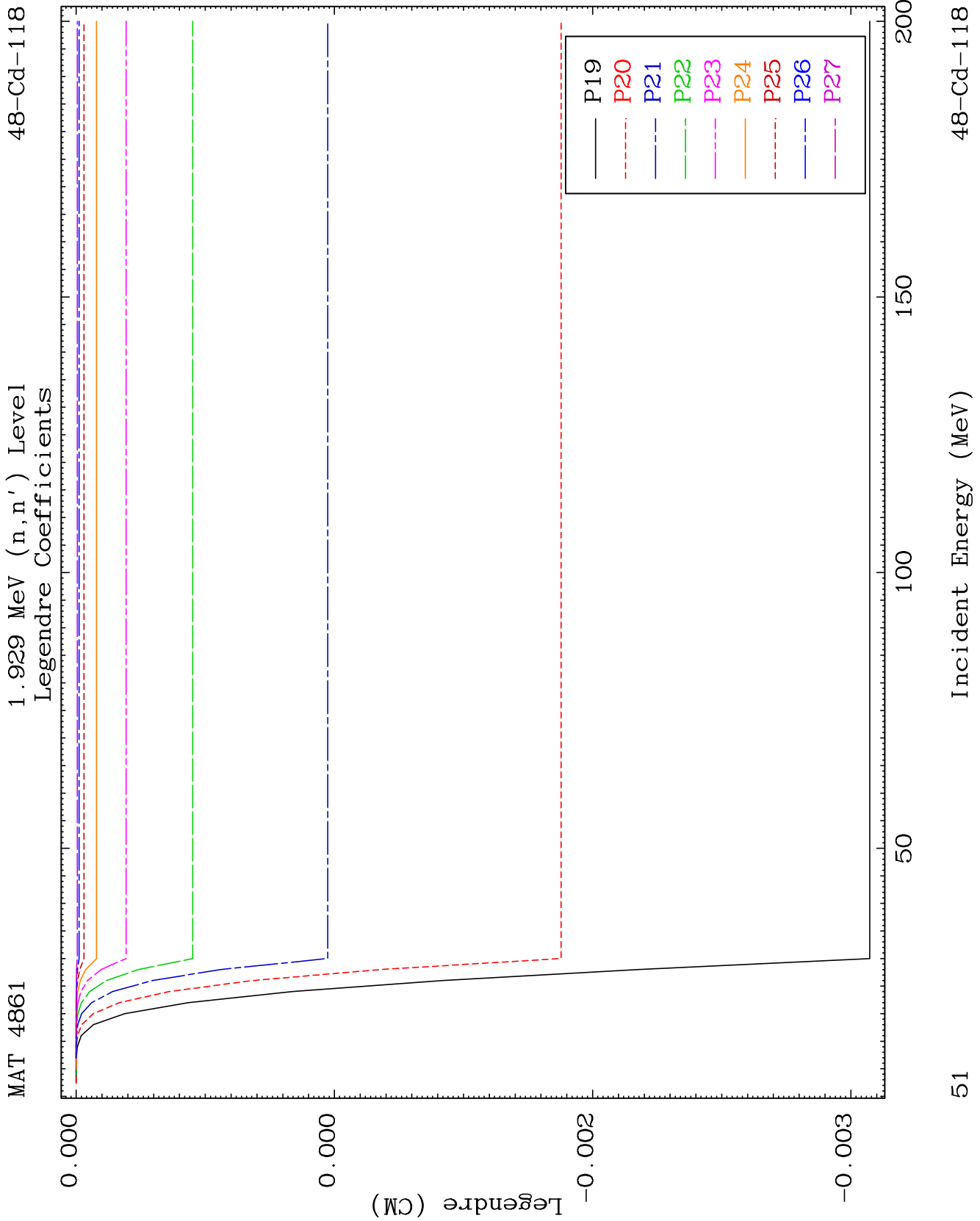
48-Cd-118

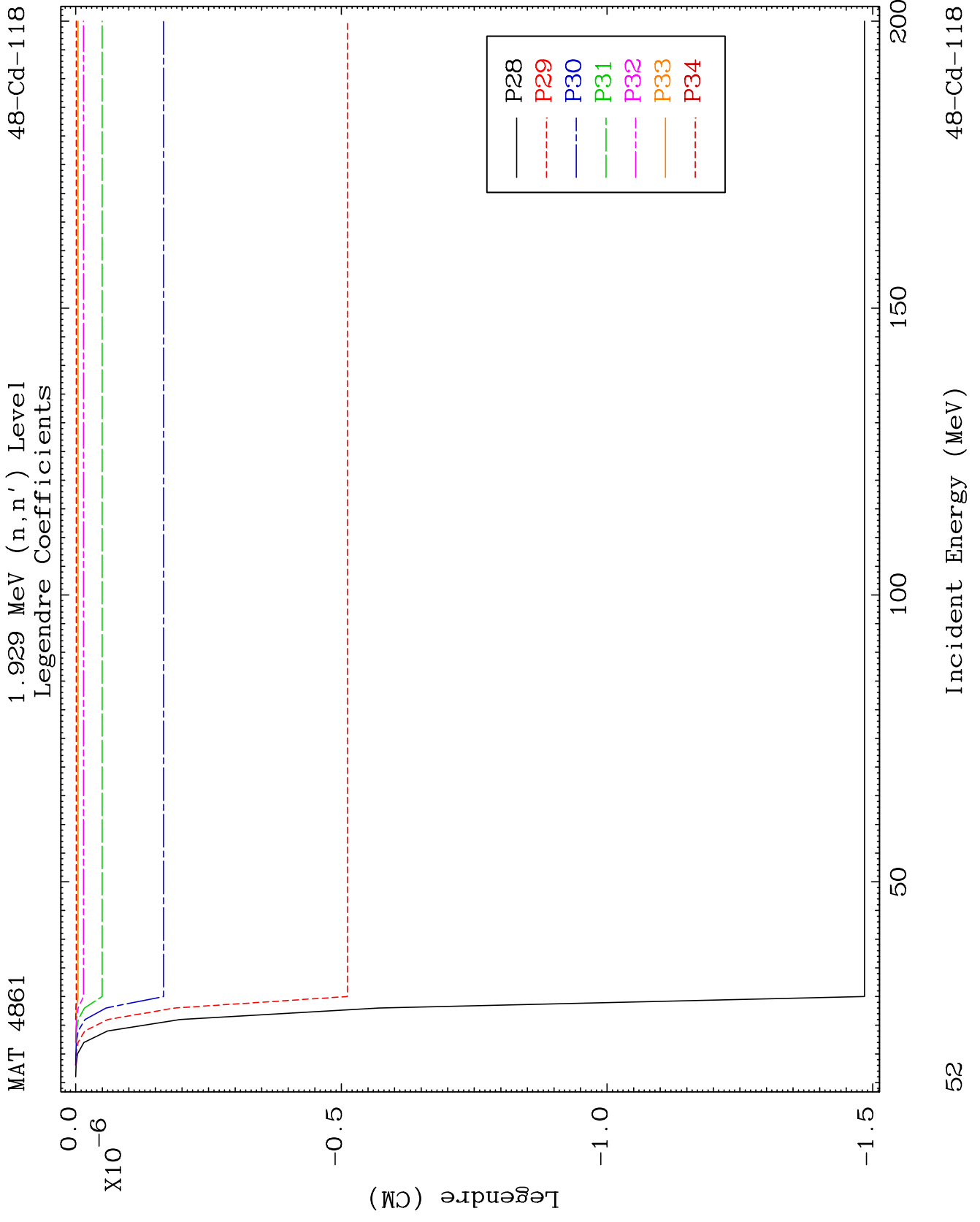


49

Incident Energy (MeV)

48-Cd-118

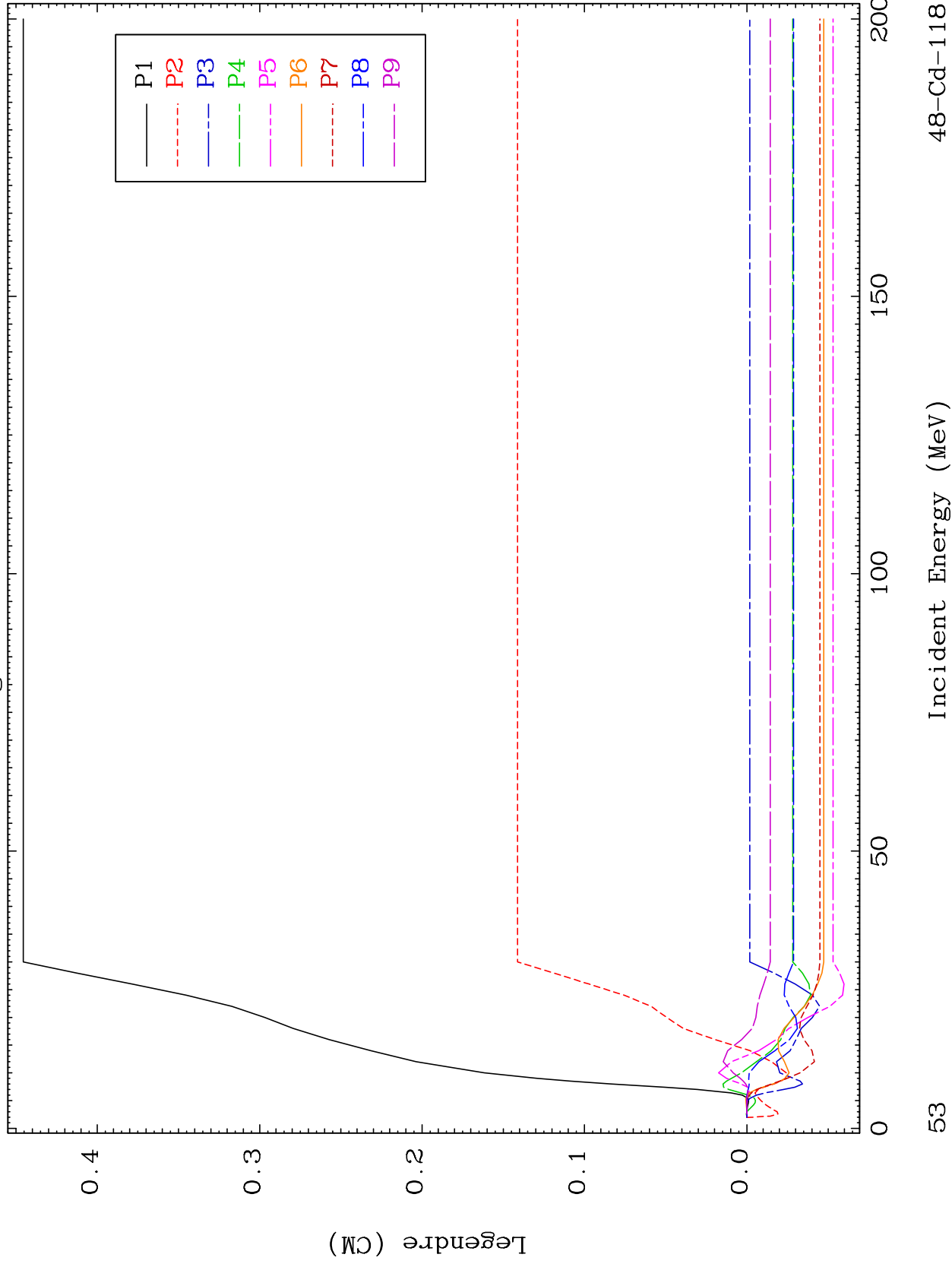




MAT 4861

1.935 MeV (n,n') Level
Legendre Coefficients

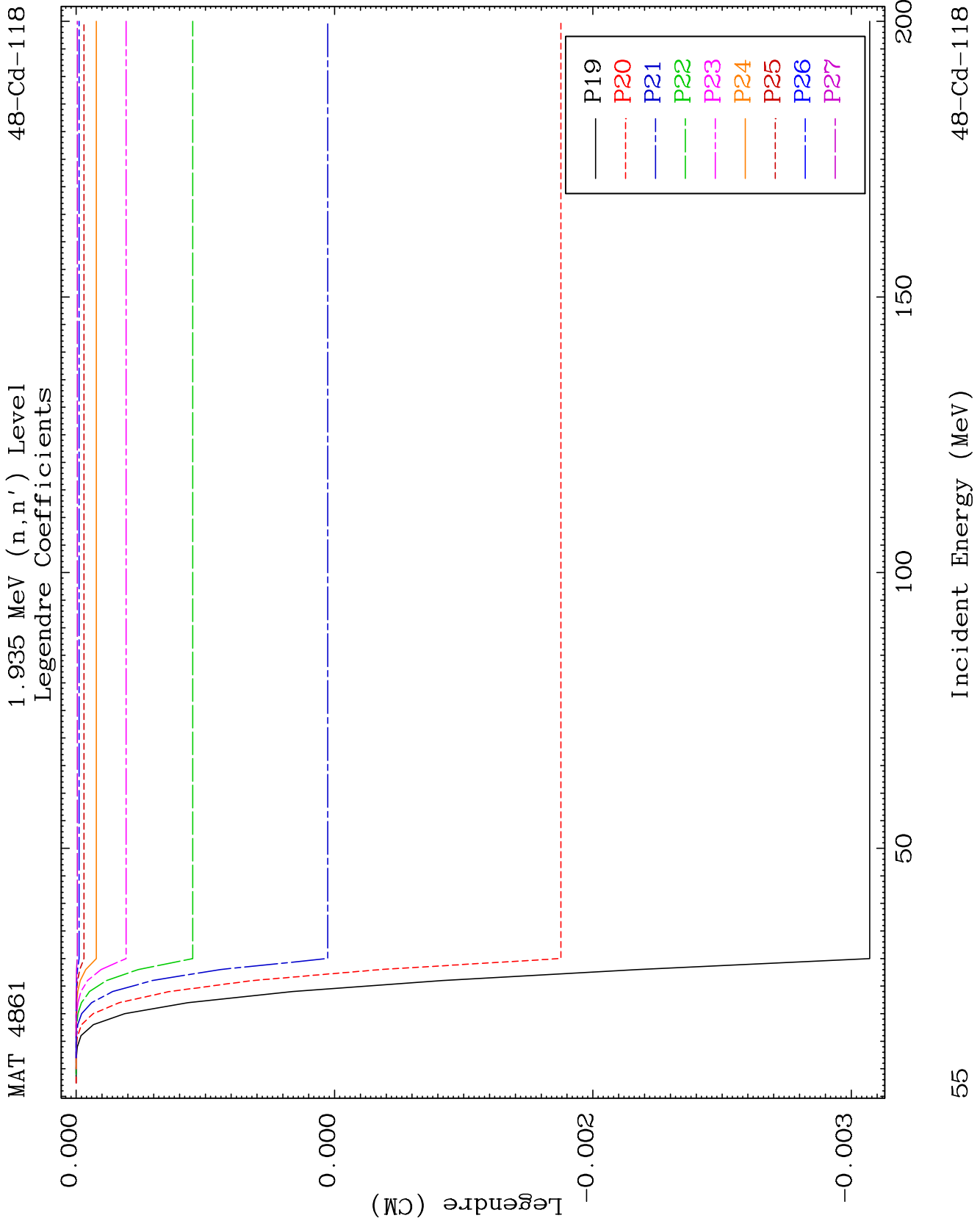
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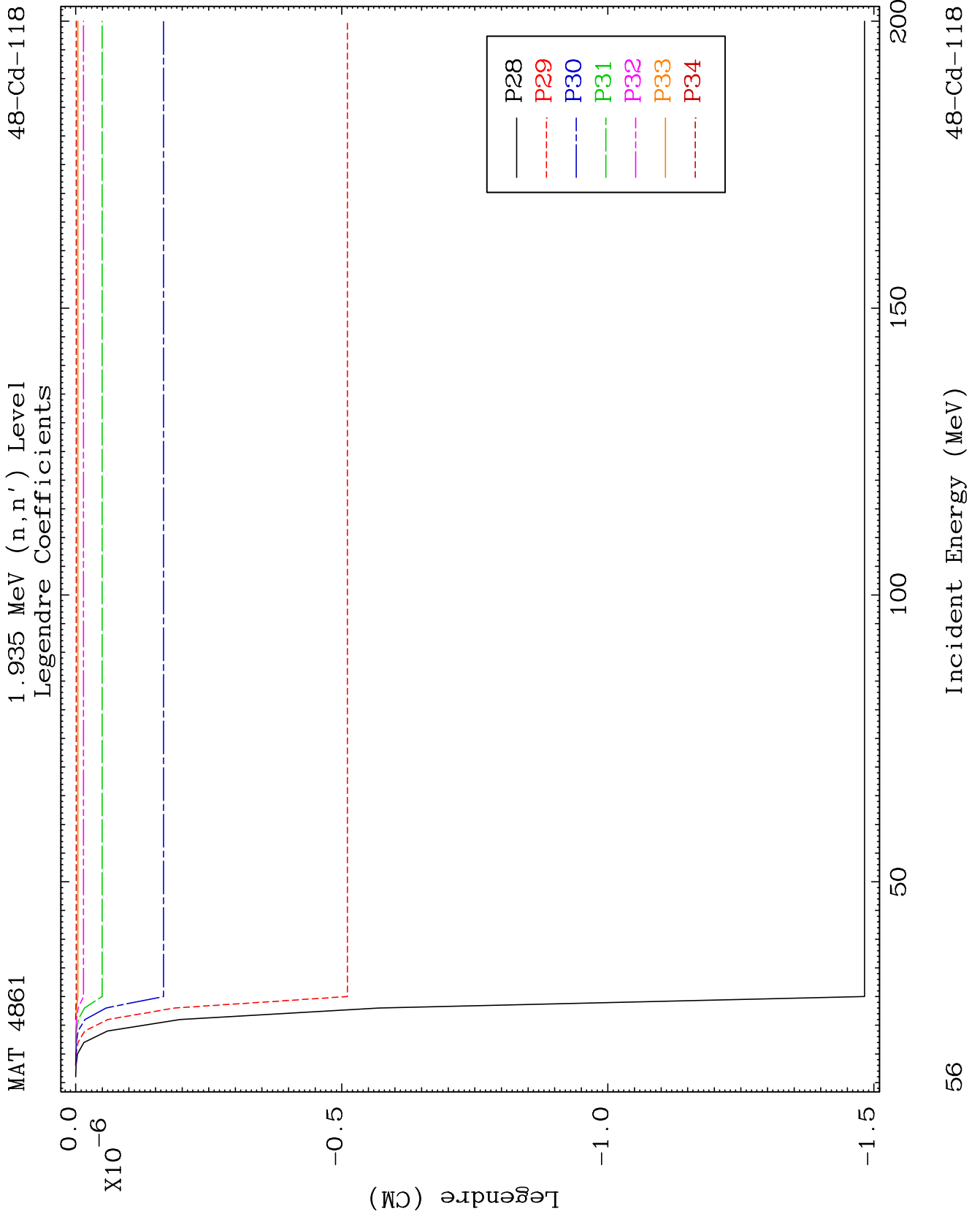


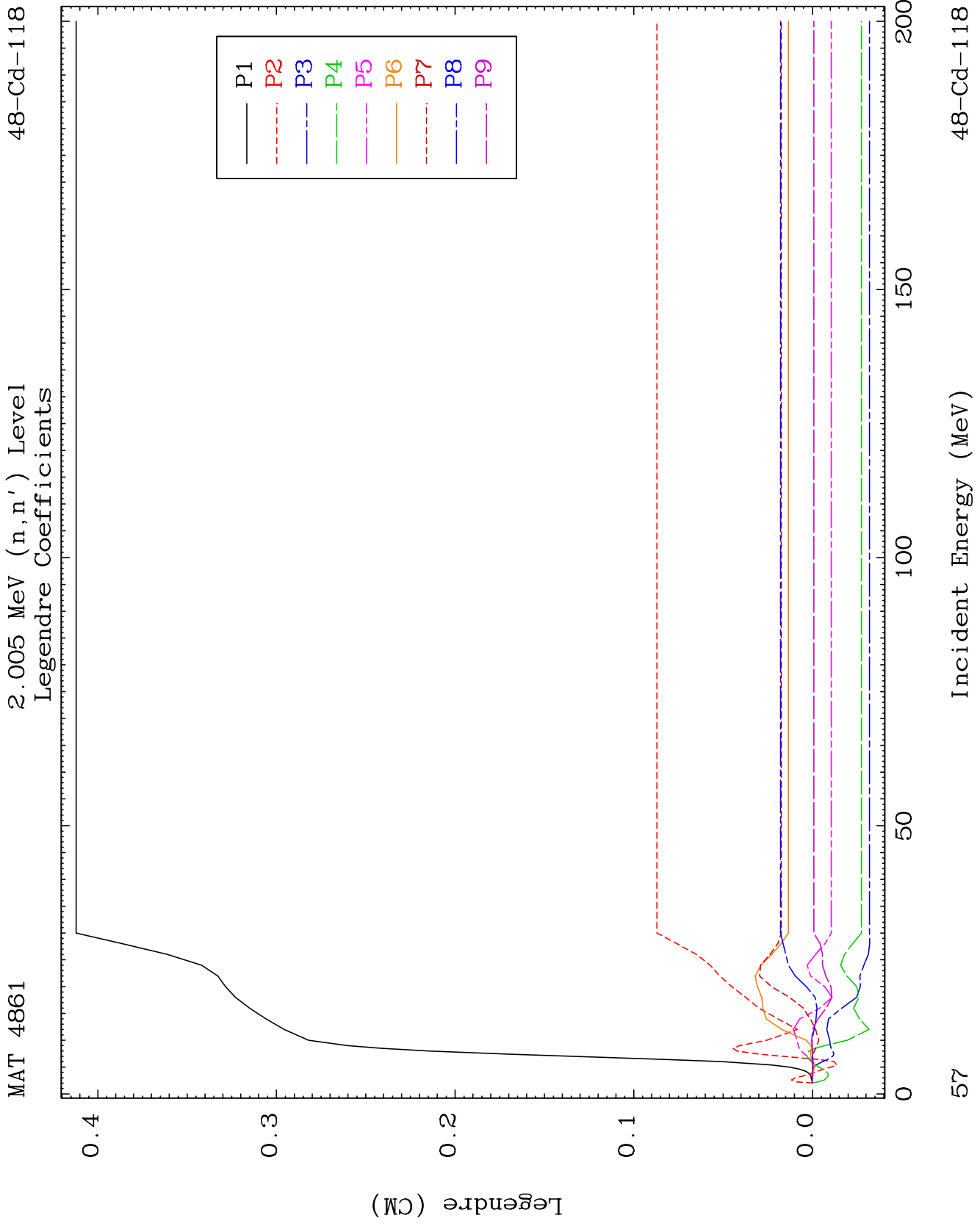
48-Cd-118

Incident Energy (MeV)

53



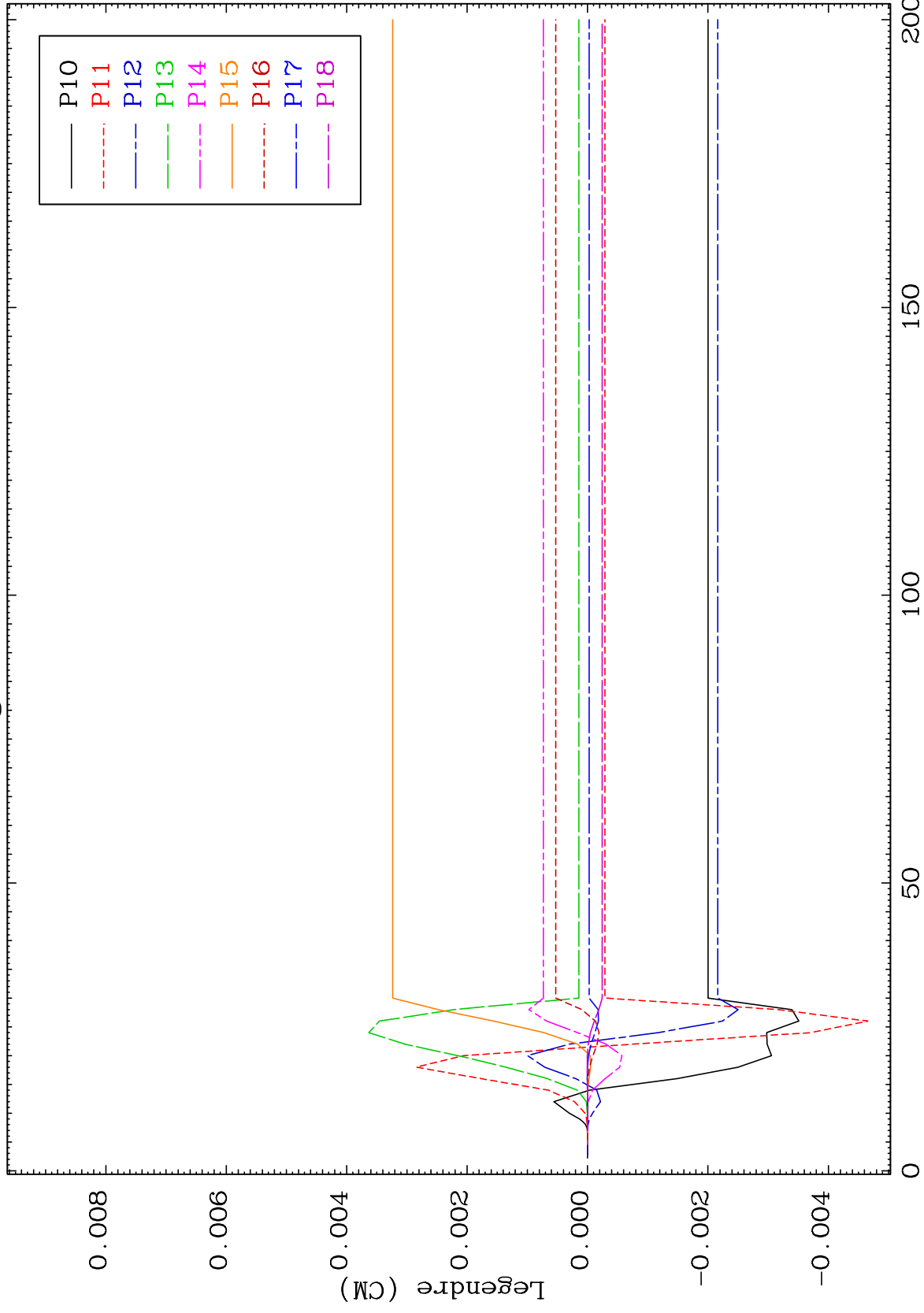




MAT 4861

2.005 MeV (n,n') Level
Legendre Coefficients

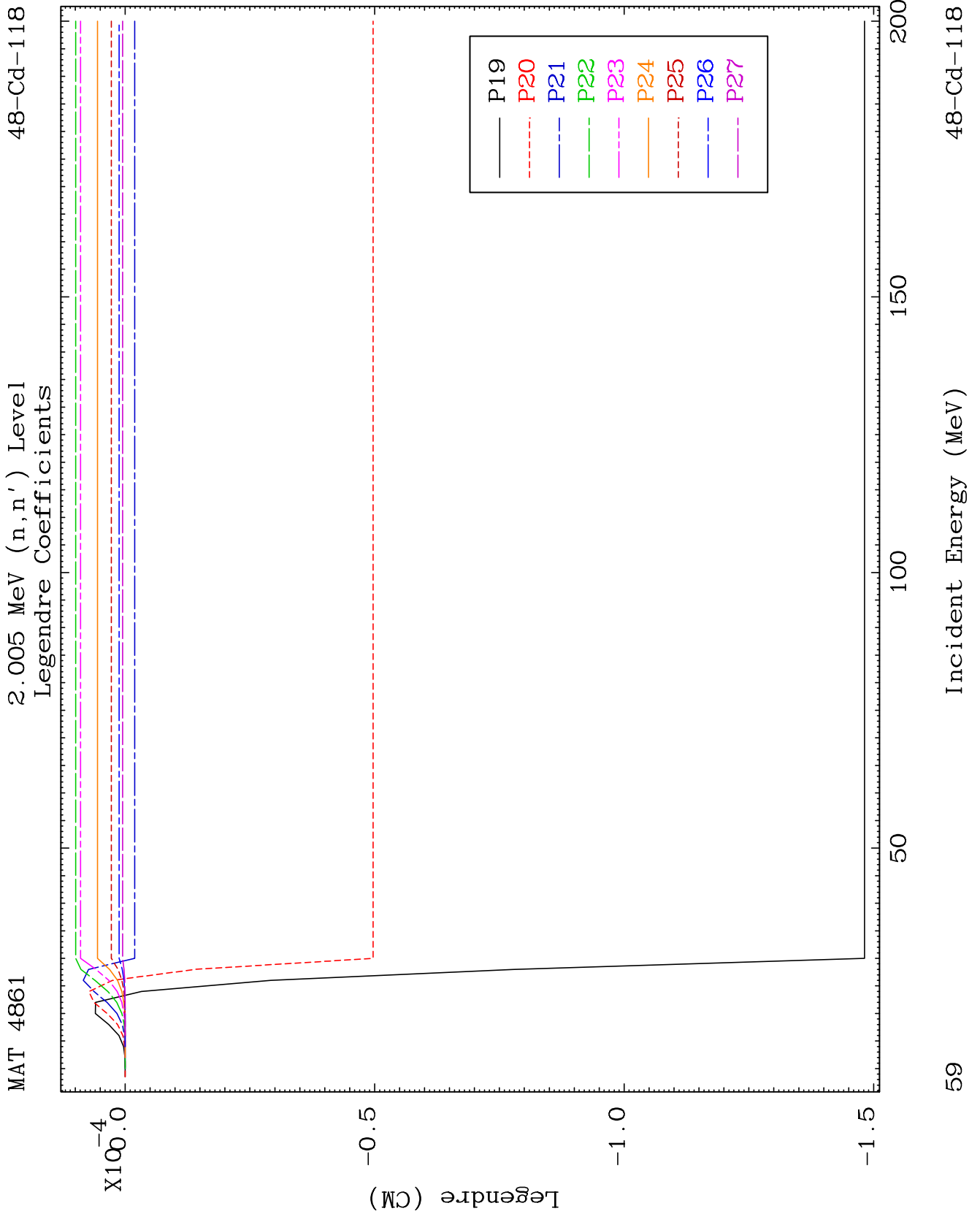
48-Cd-118

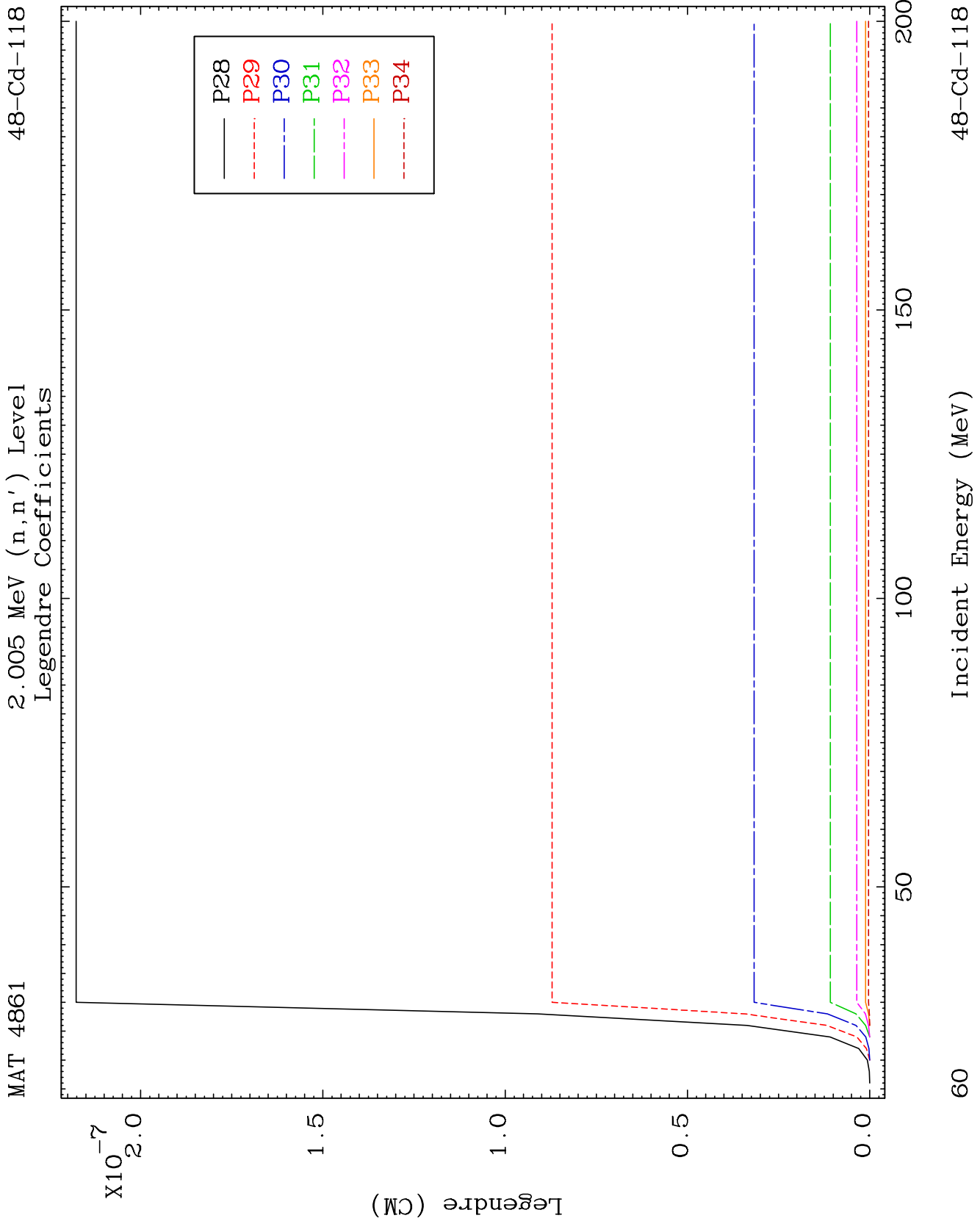


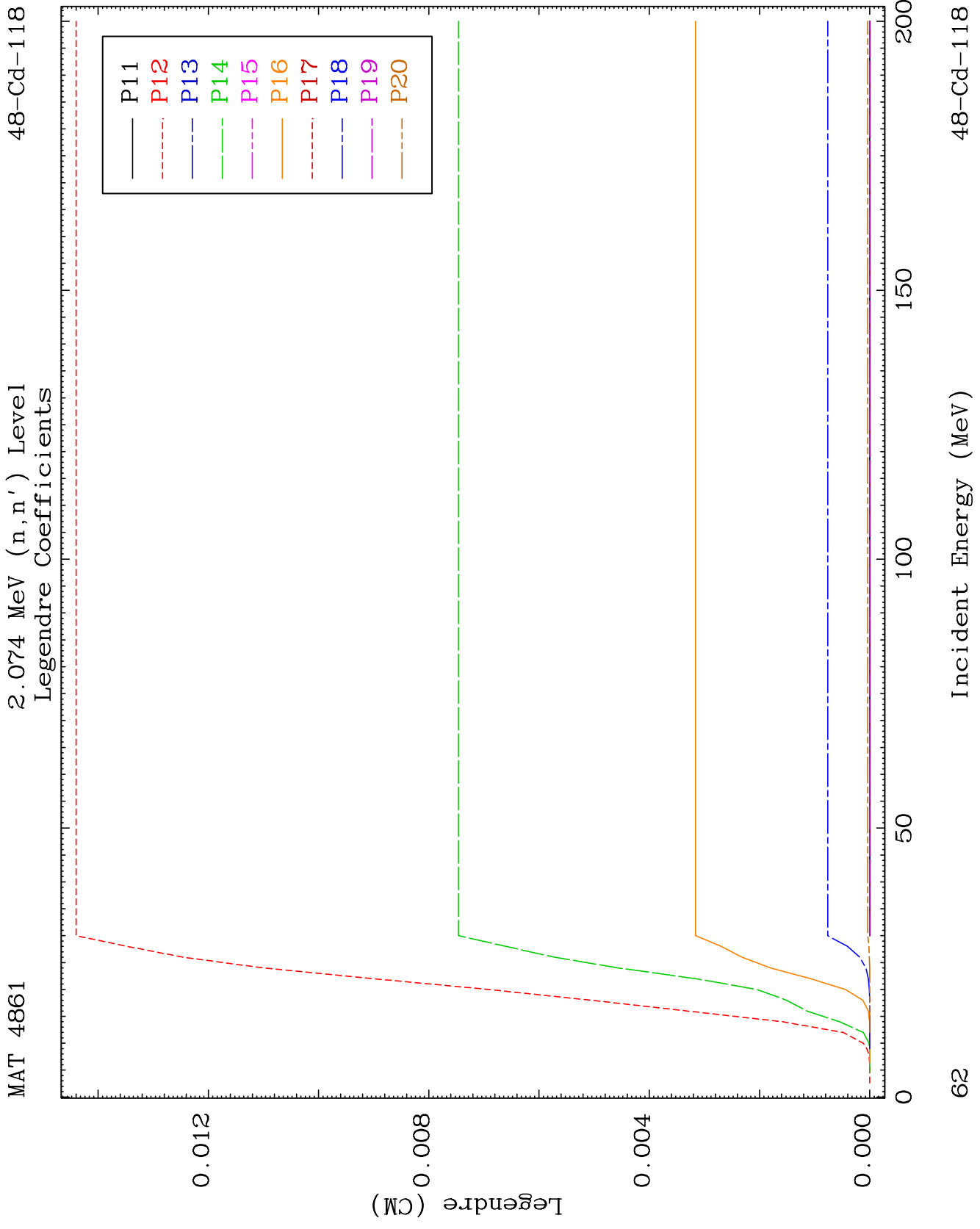
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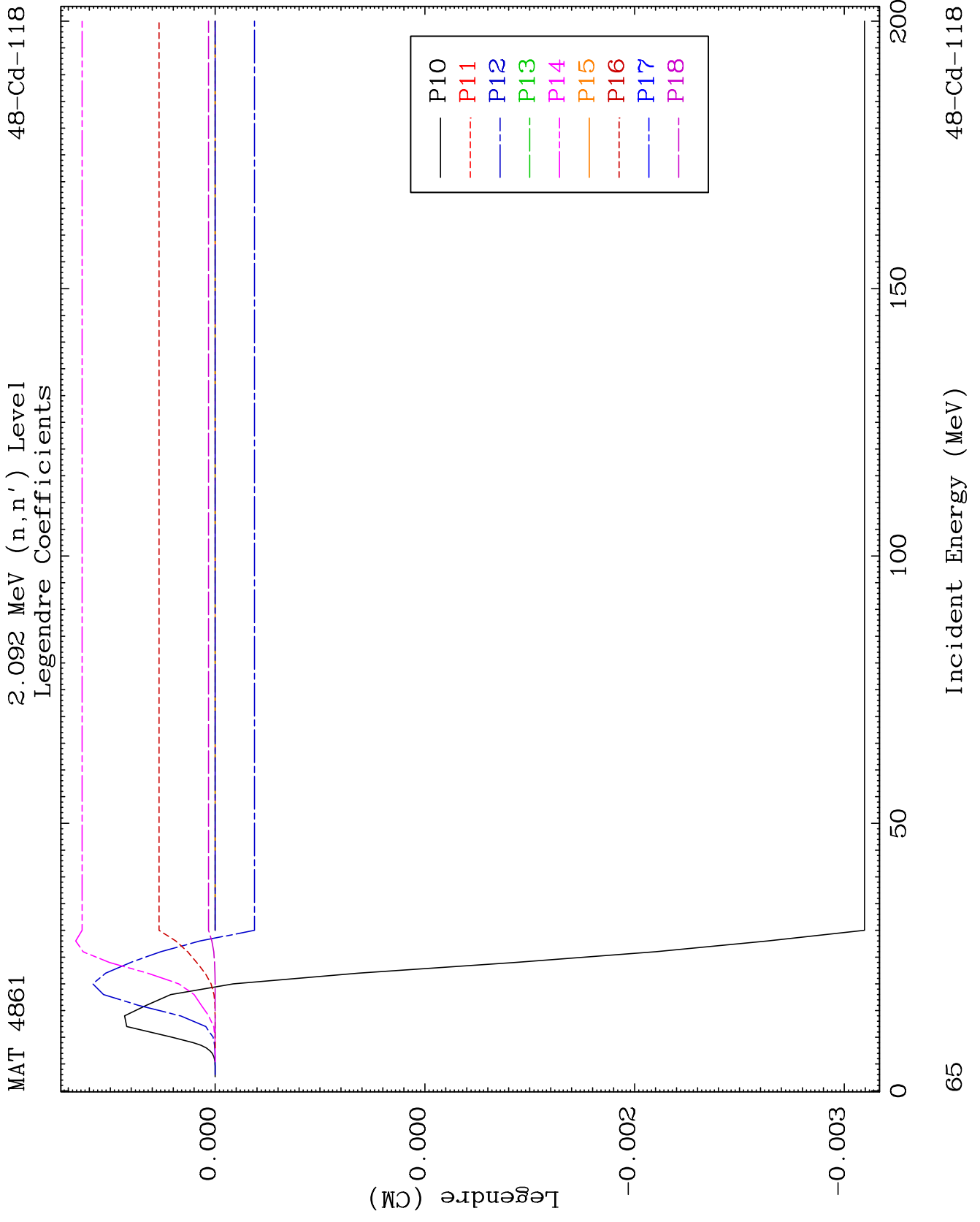
Incident Energy (MeV)

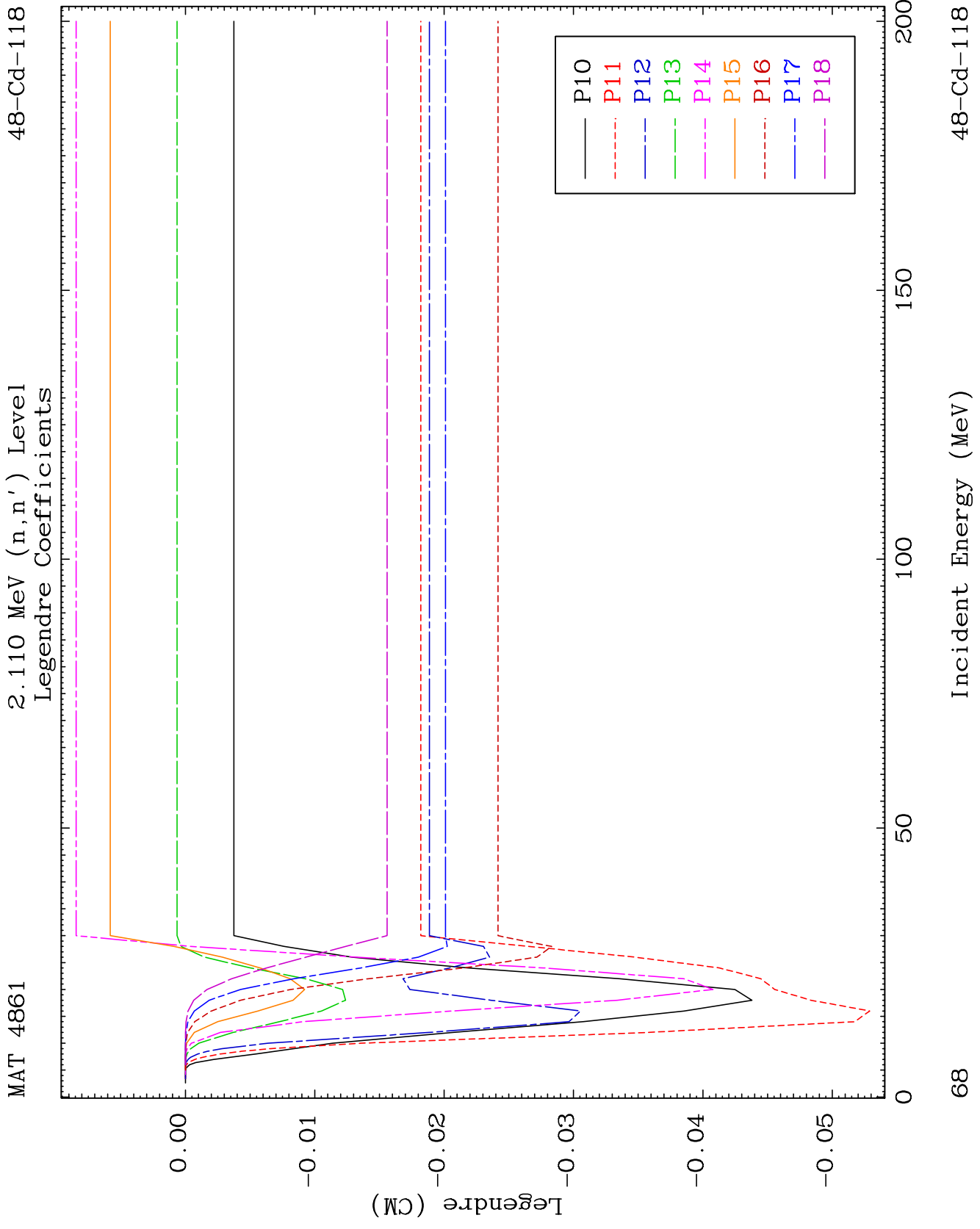
48-Cd-118

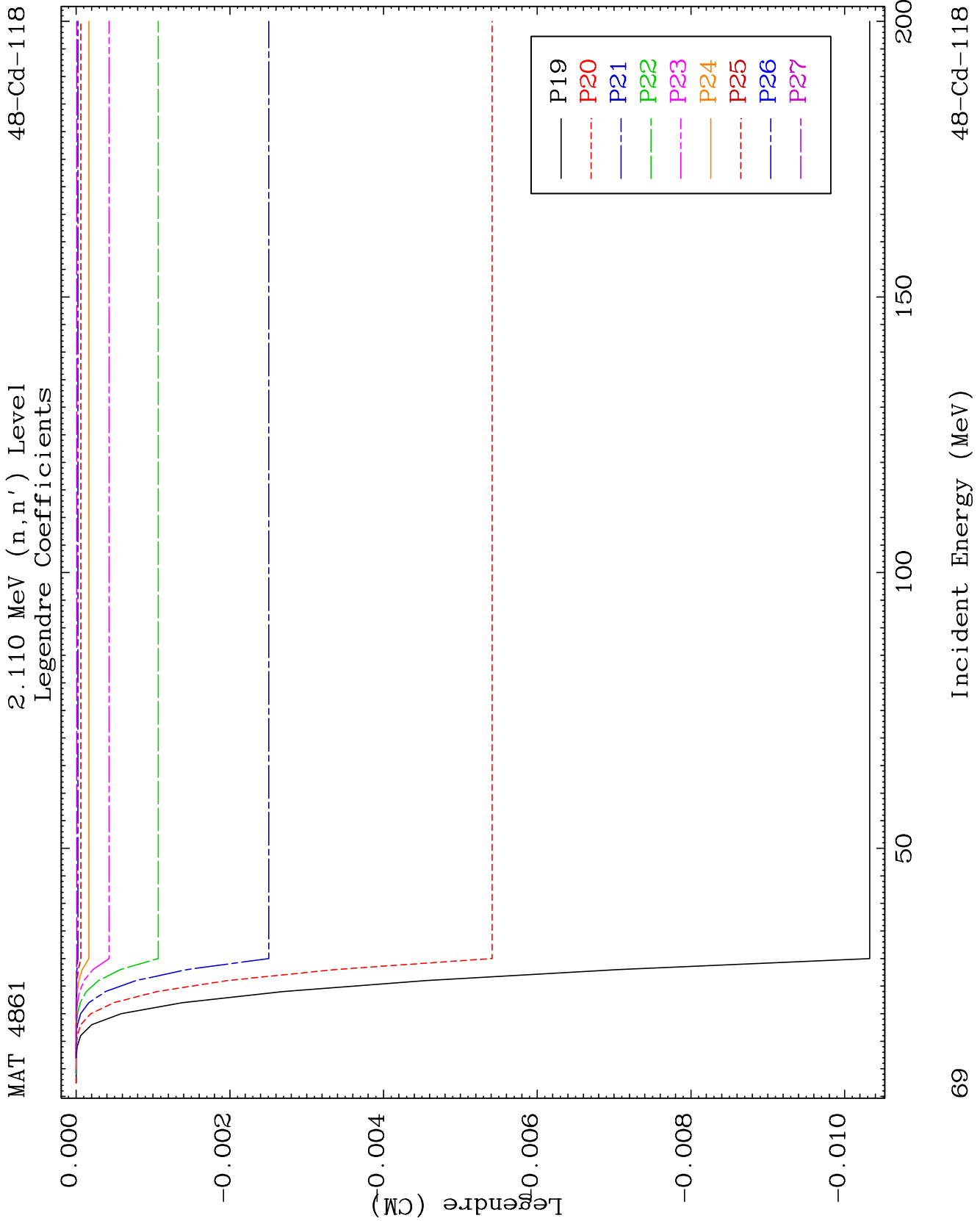


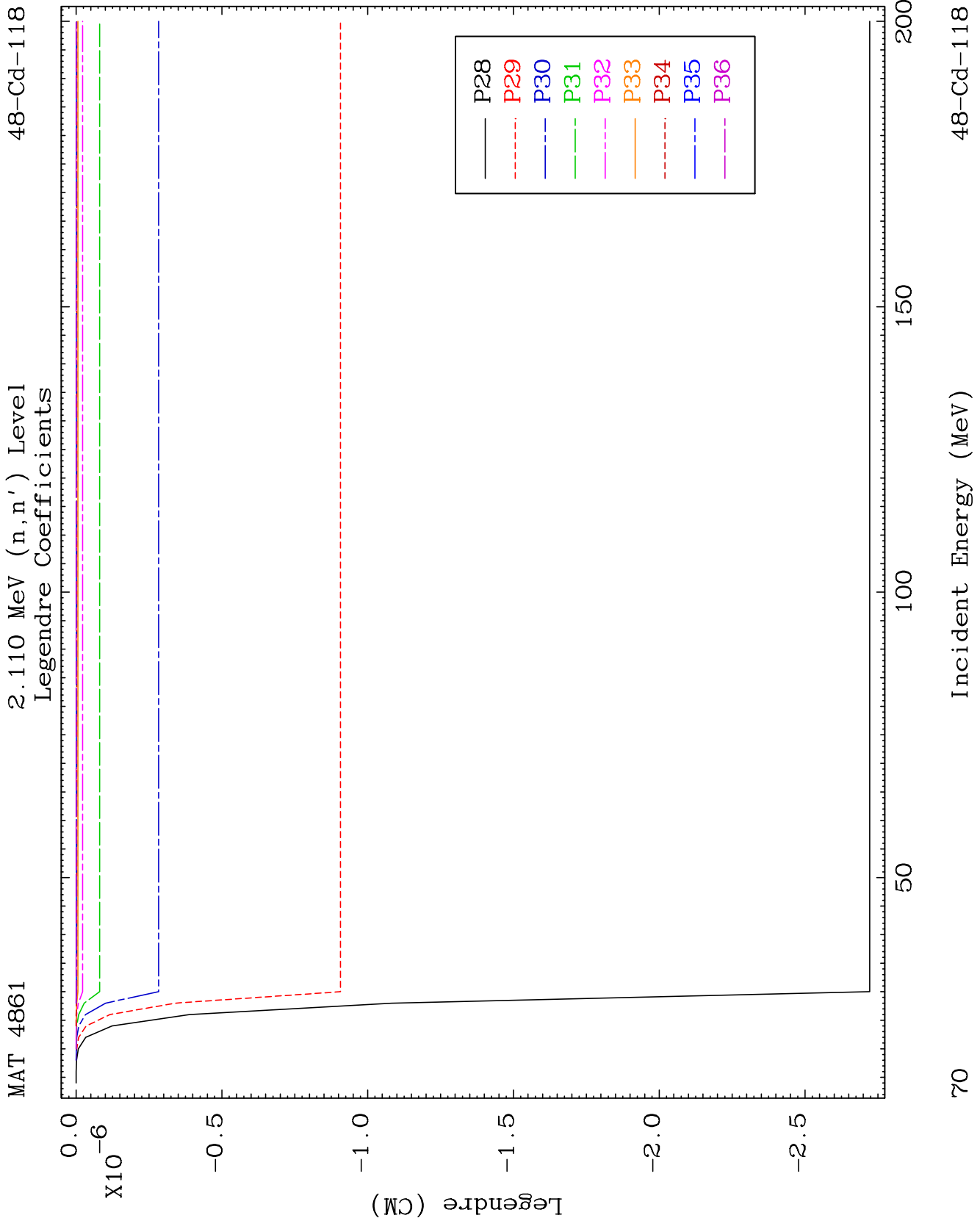


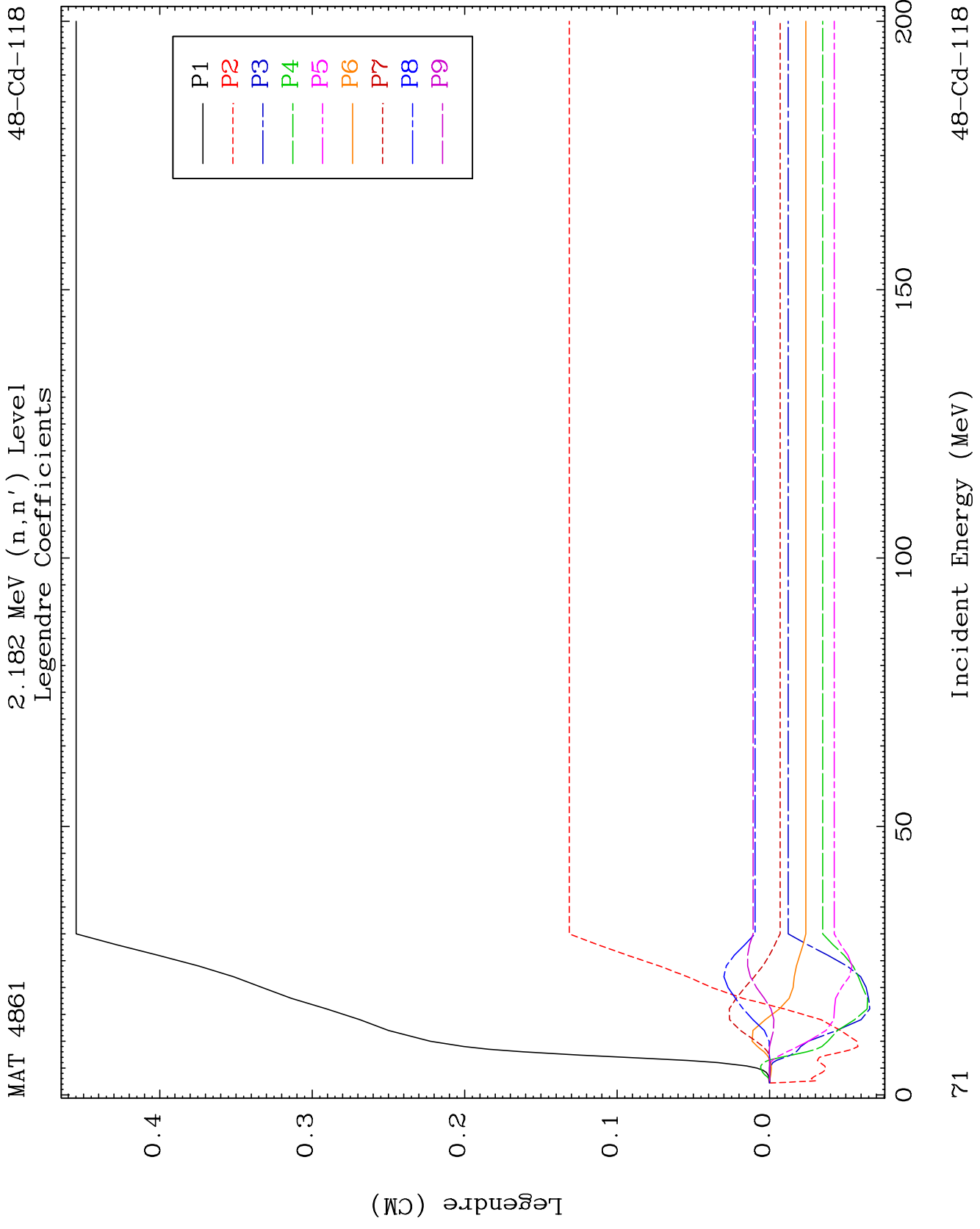


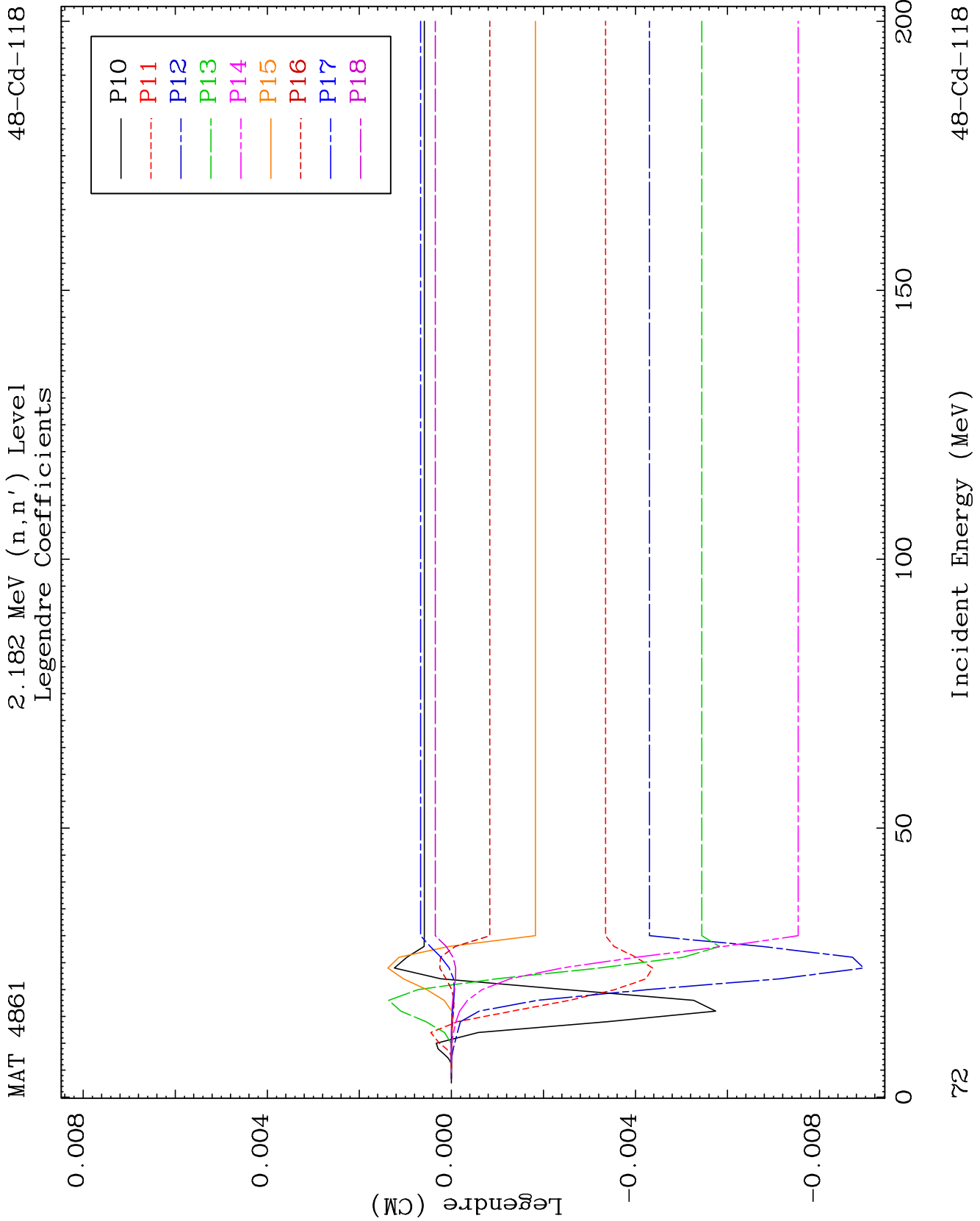








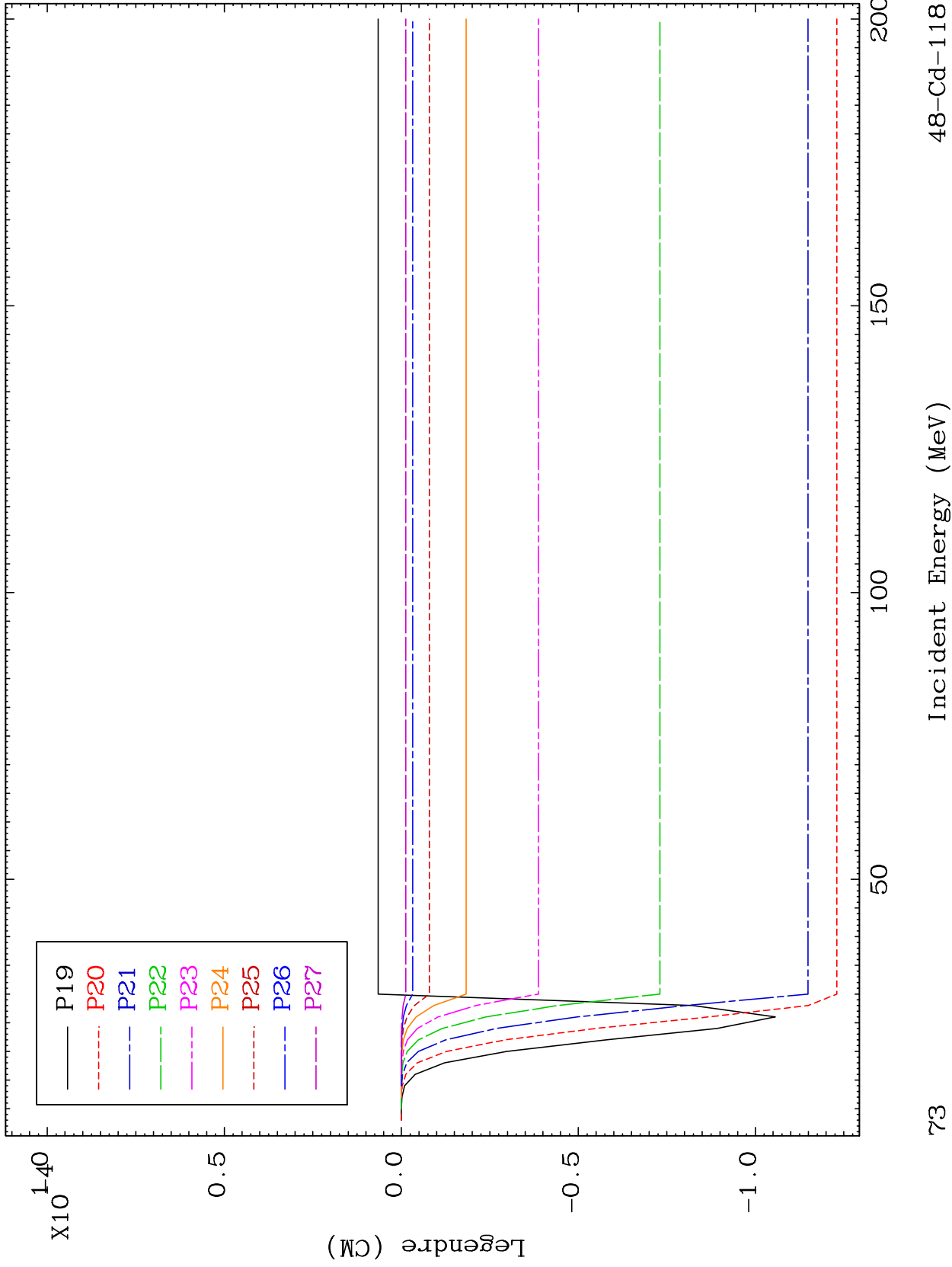


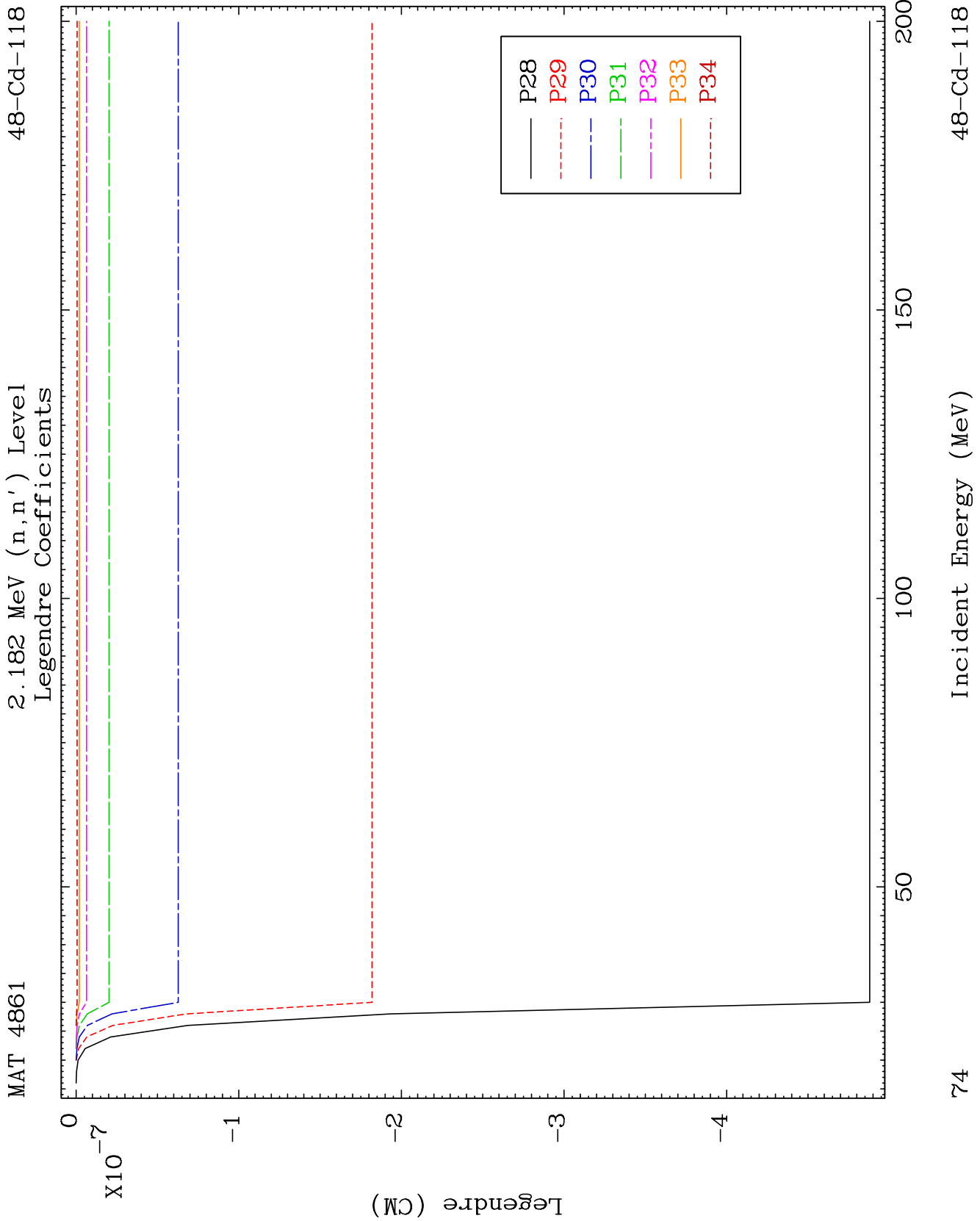


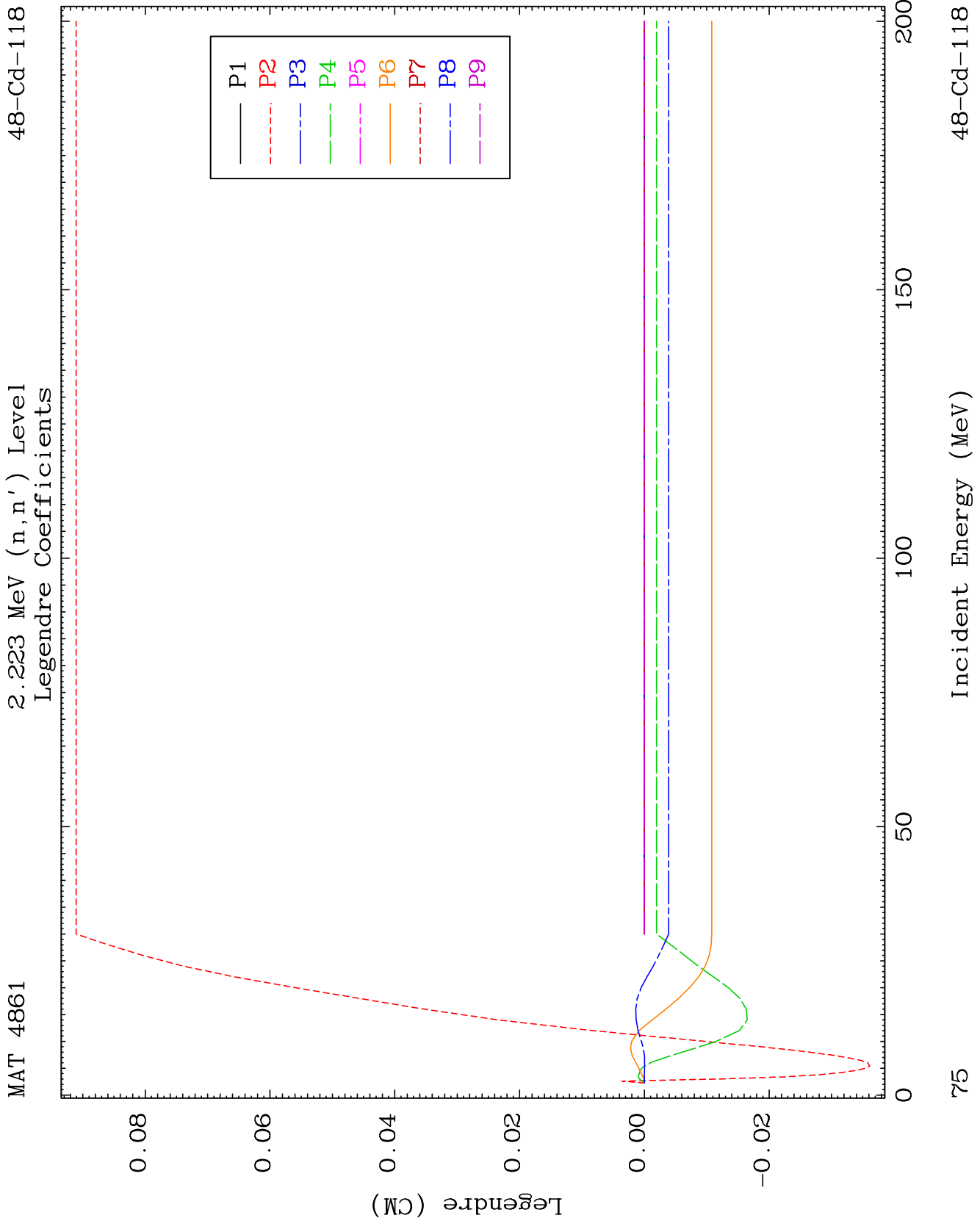
MAT 4861

2.182 MeV (n, n') Level
Legendre Coefficients

48-Cd-118



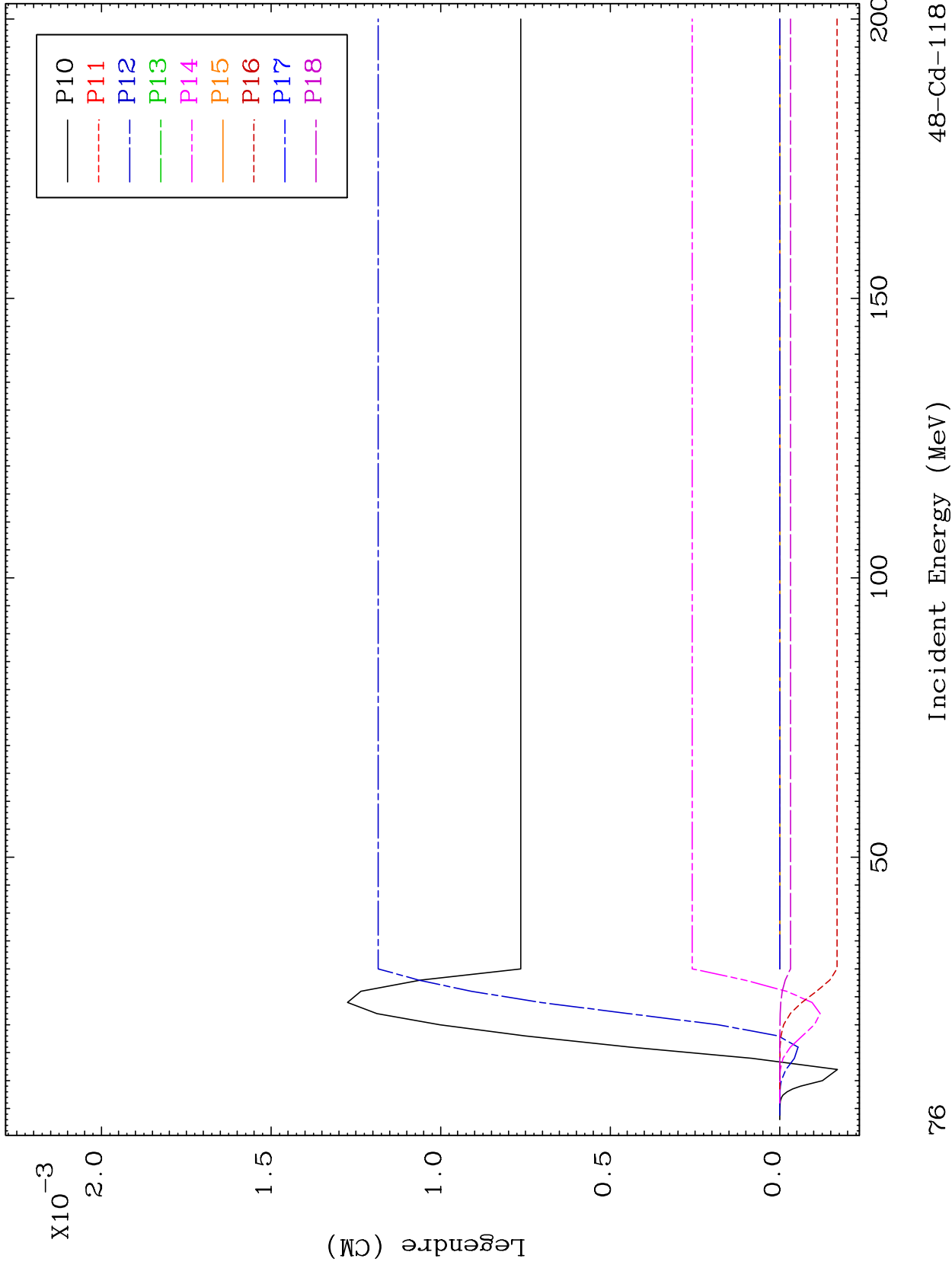




MAT 4861

2.223 MeV (n,n') Level
Legendre Coefficients

48-Cd-118



76

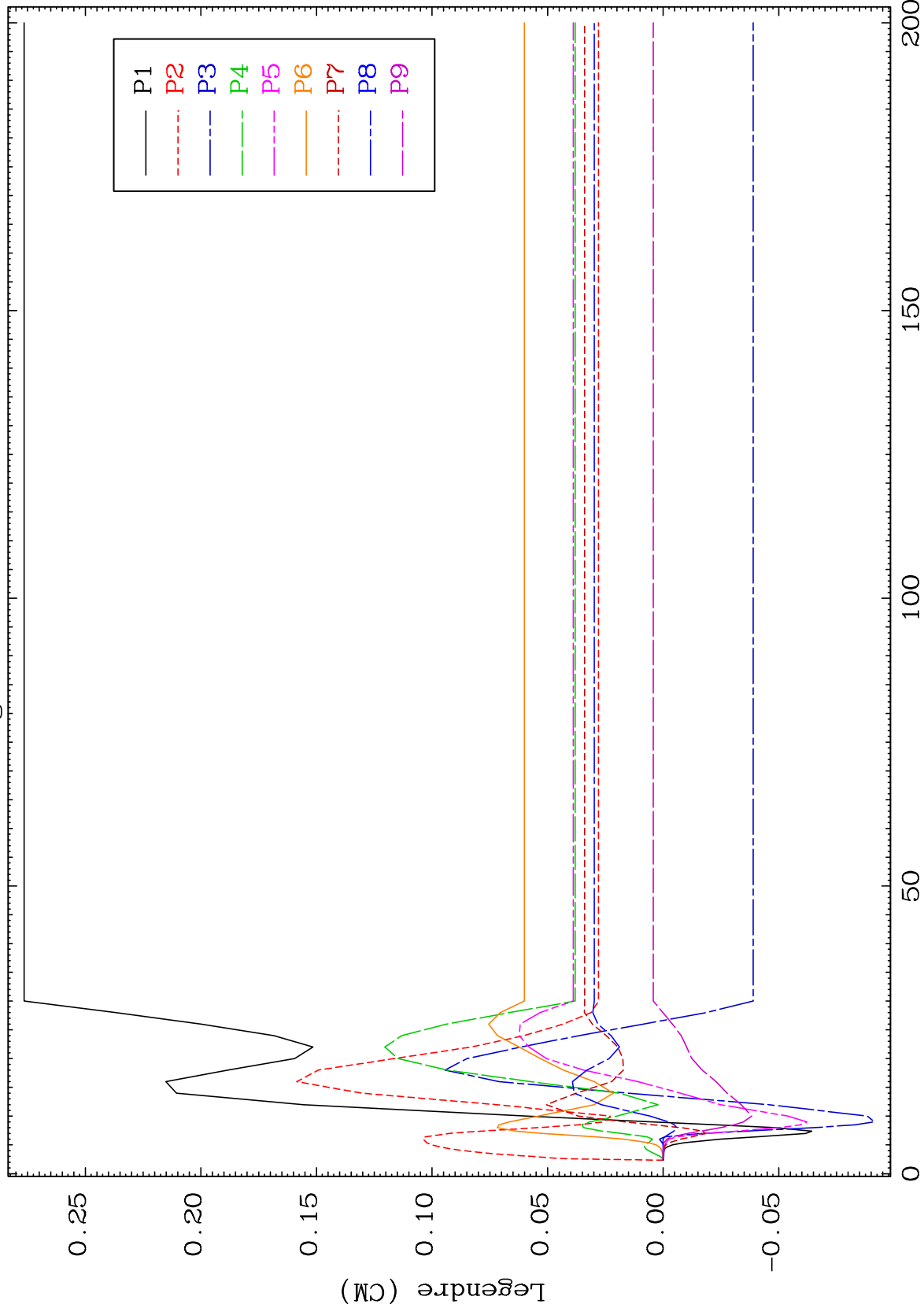
Incident Energy (MeV)

48-Cd-118

MAT 4861

2.322 MeV (n,n') Level
Legendre Coefficients

48-Cd-118



78

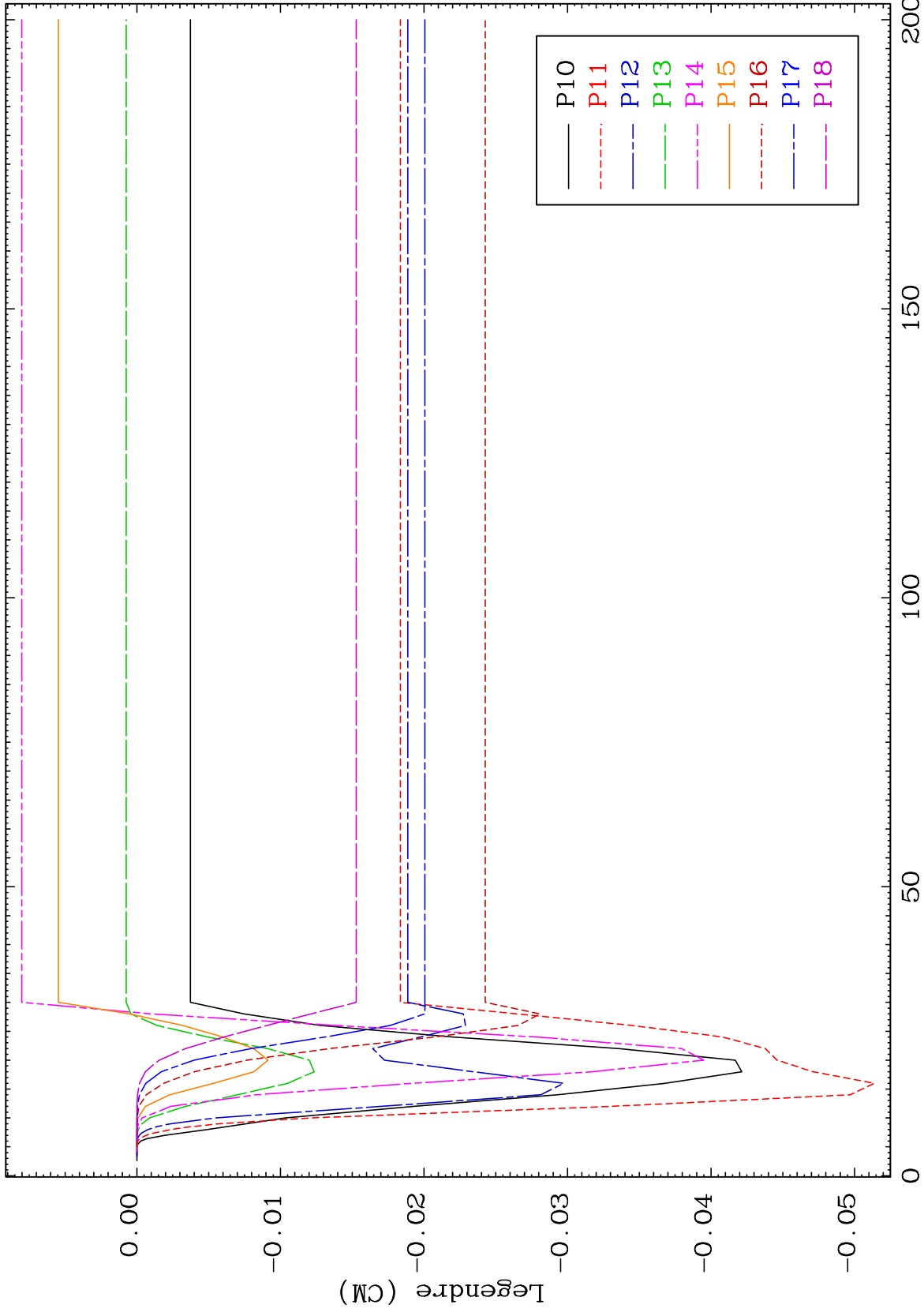
Incident Energy (MeV)

48-Cd-118

MAT 4861

2.322 MeV (n, n') Level
Legendre Coefficients

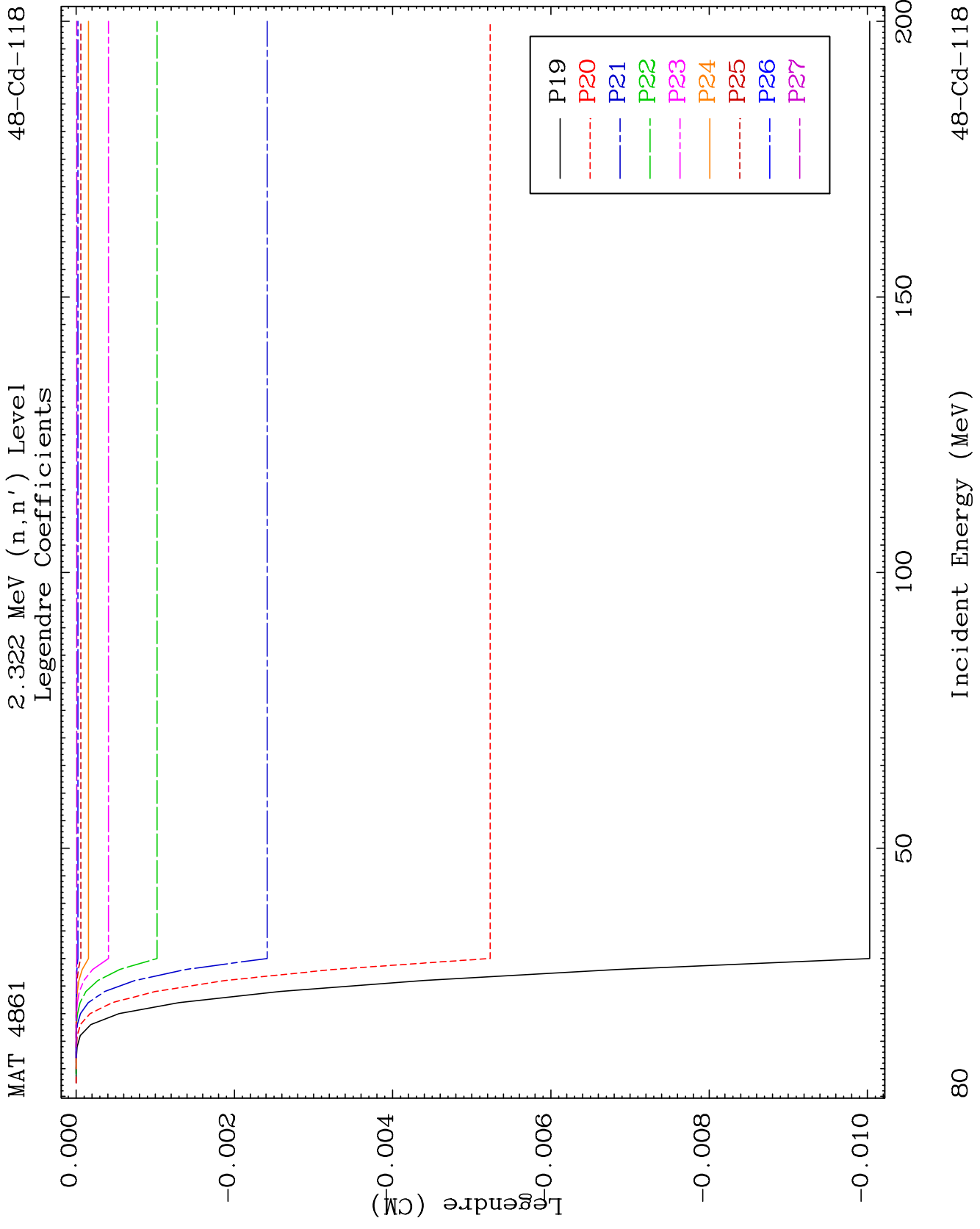
48-Cd-118

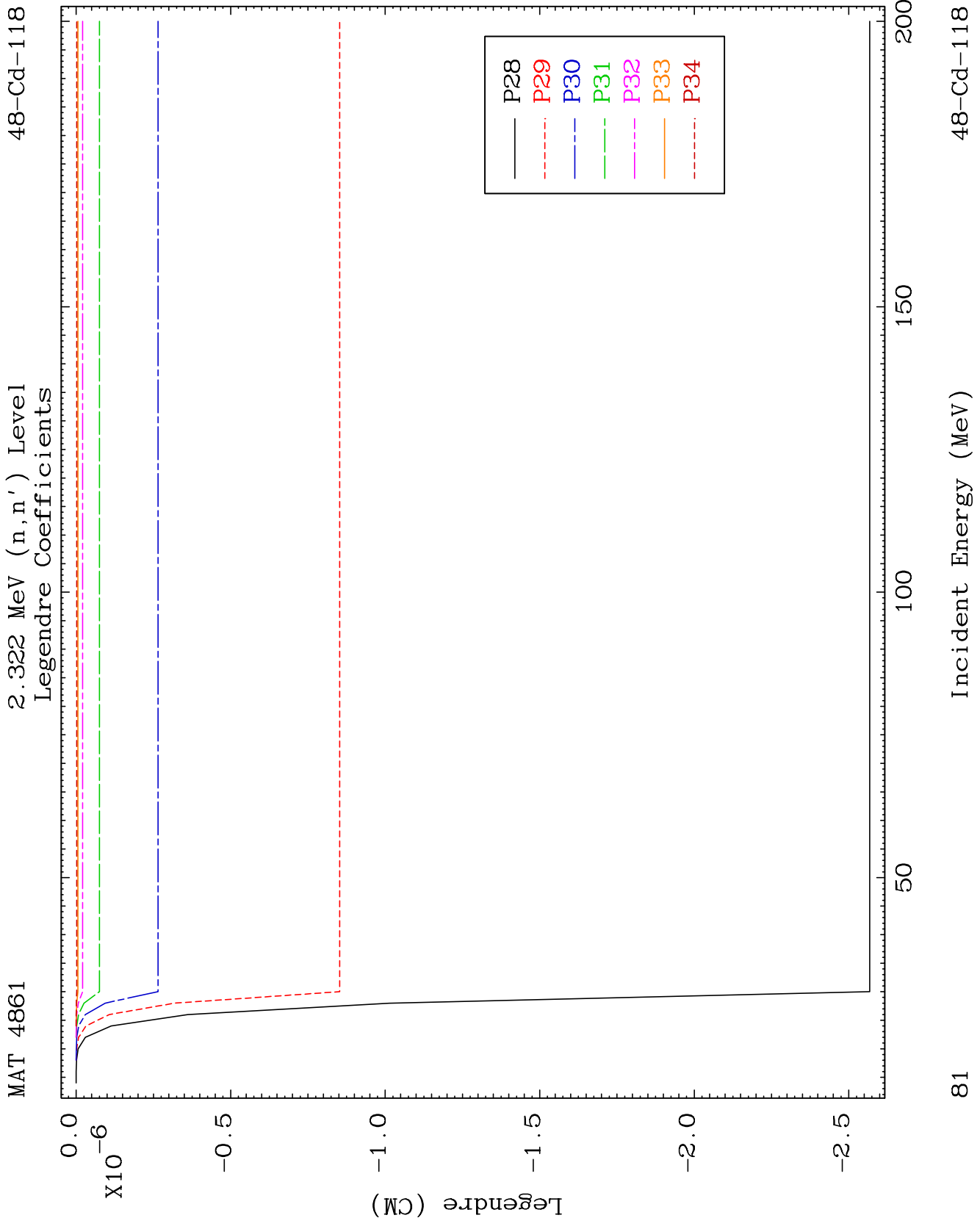


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Incident Energy (MeV)

48-Cd-118

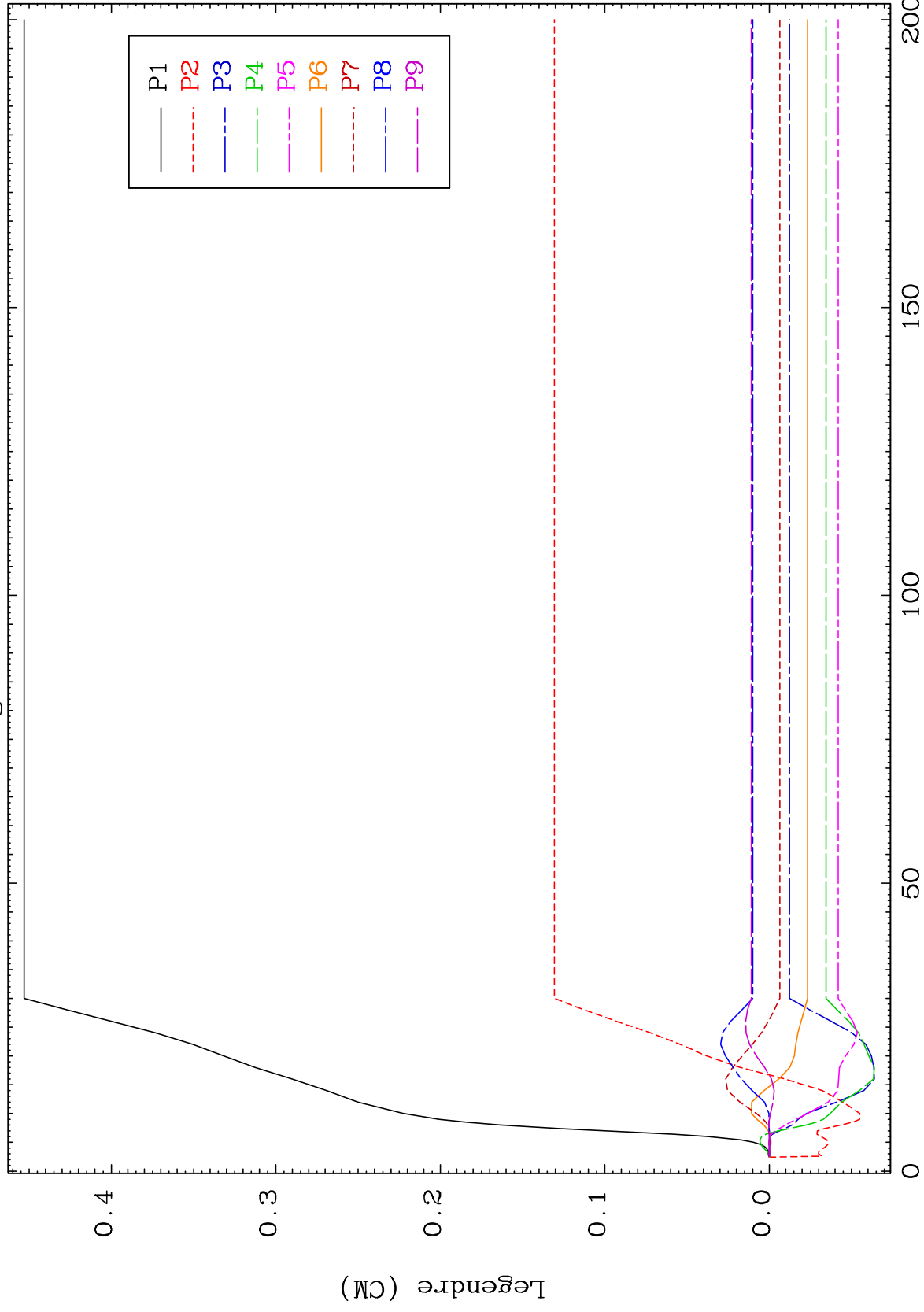




MAT 4861

2.395 MeV (n,n') Level
Legendre Coefficients

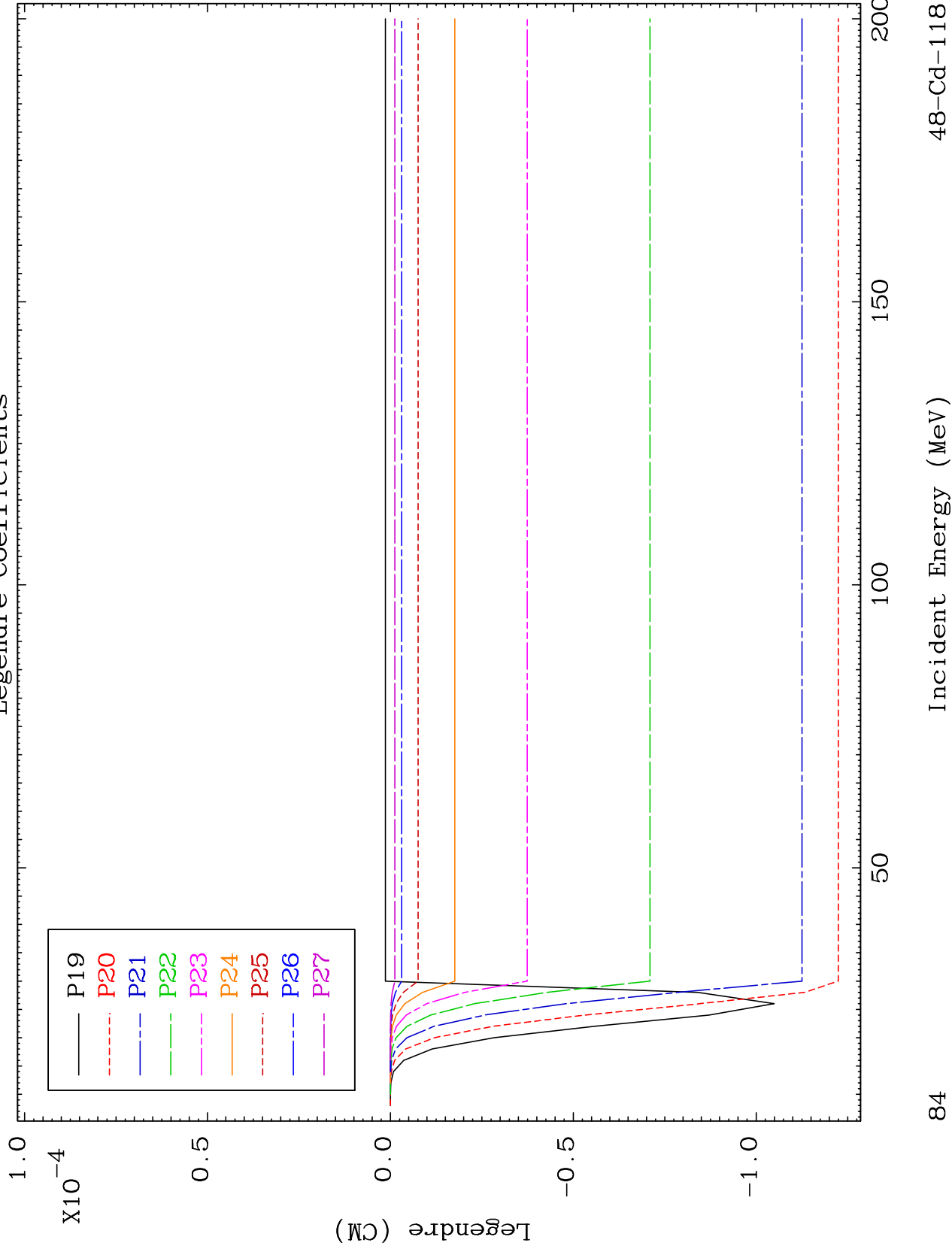
48-Cd-118

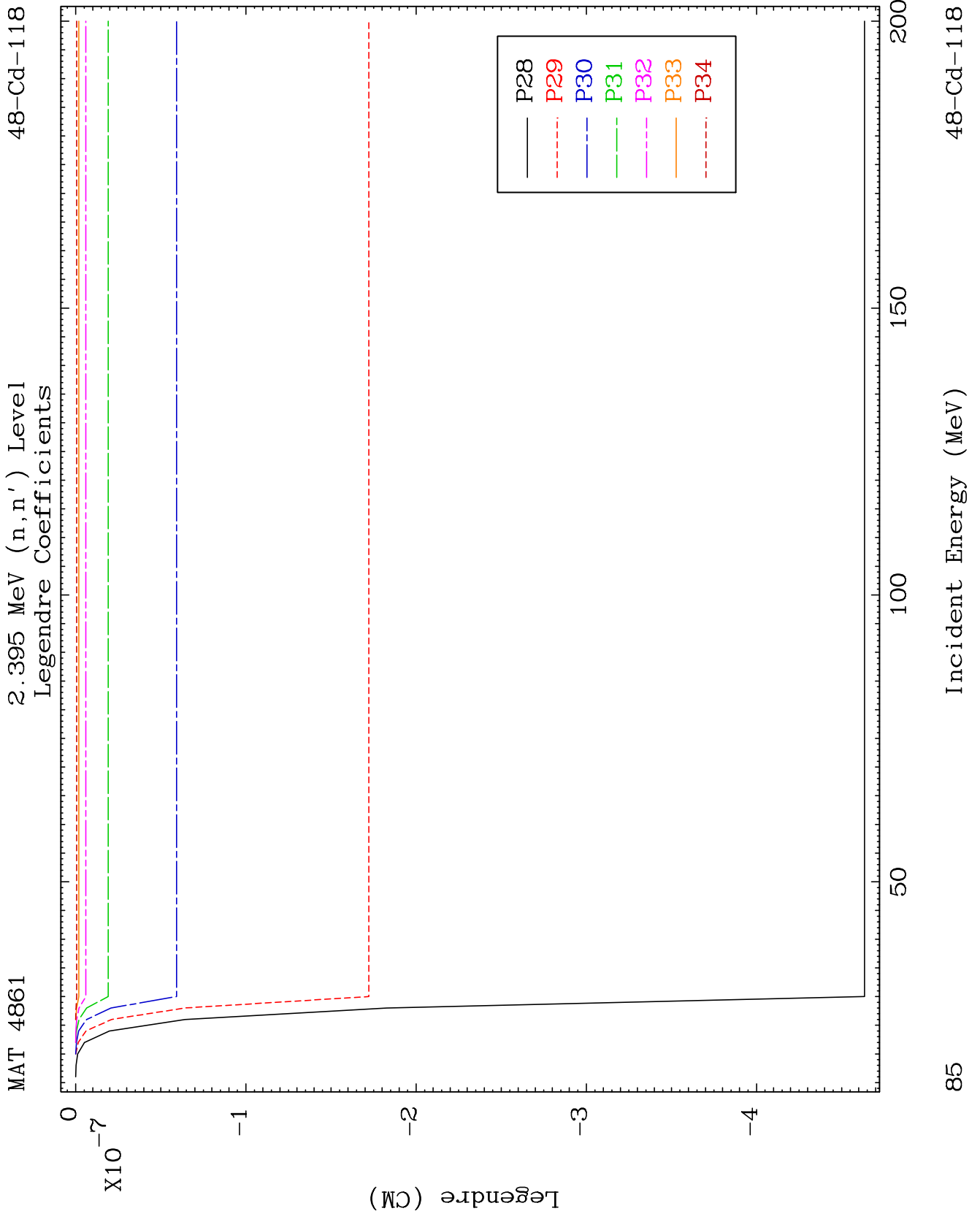


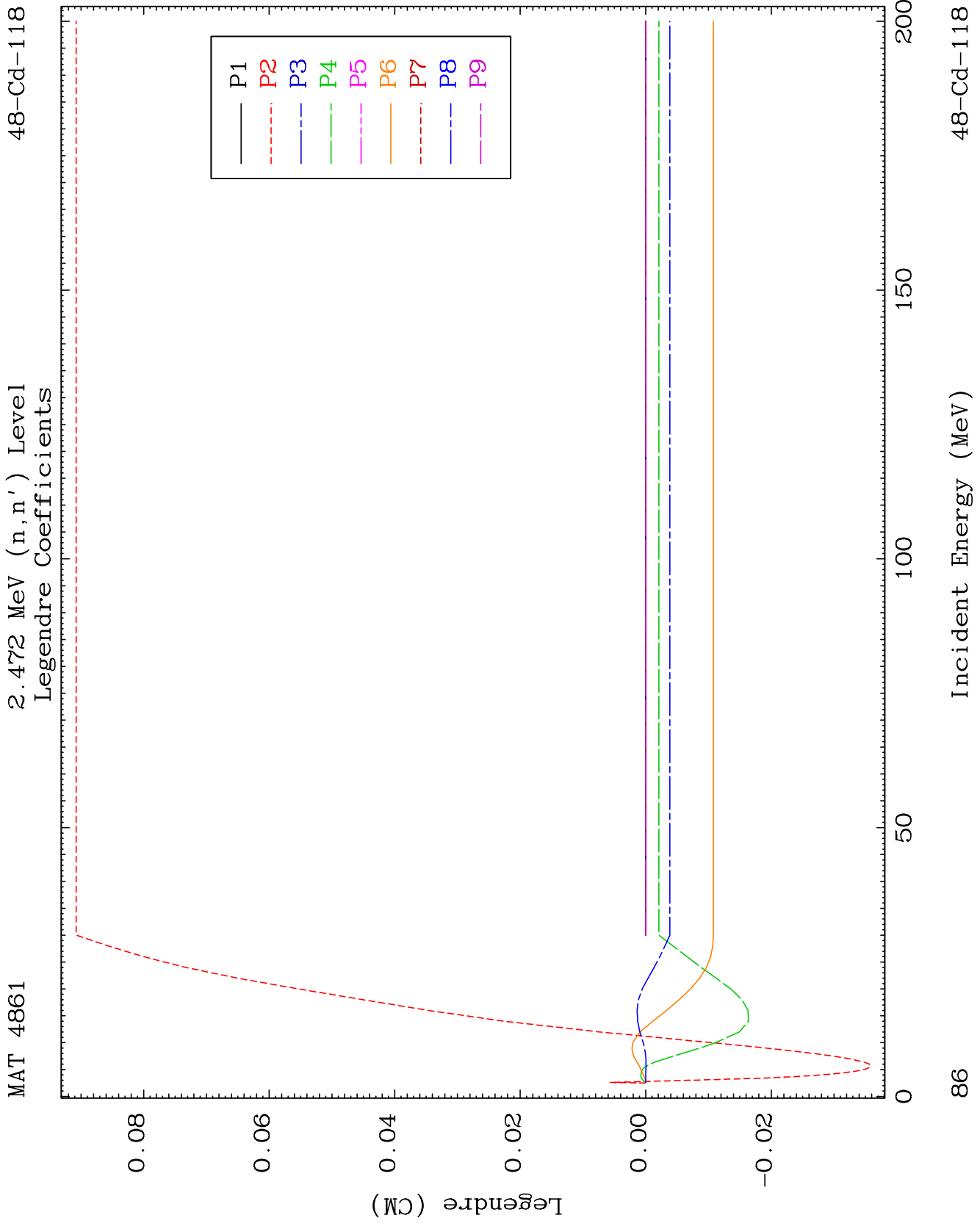
48-Cd-118

Incident Energy (MeV)

82



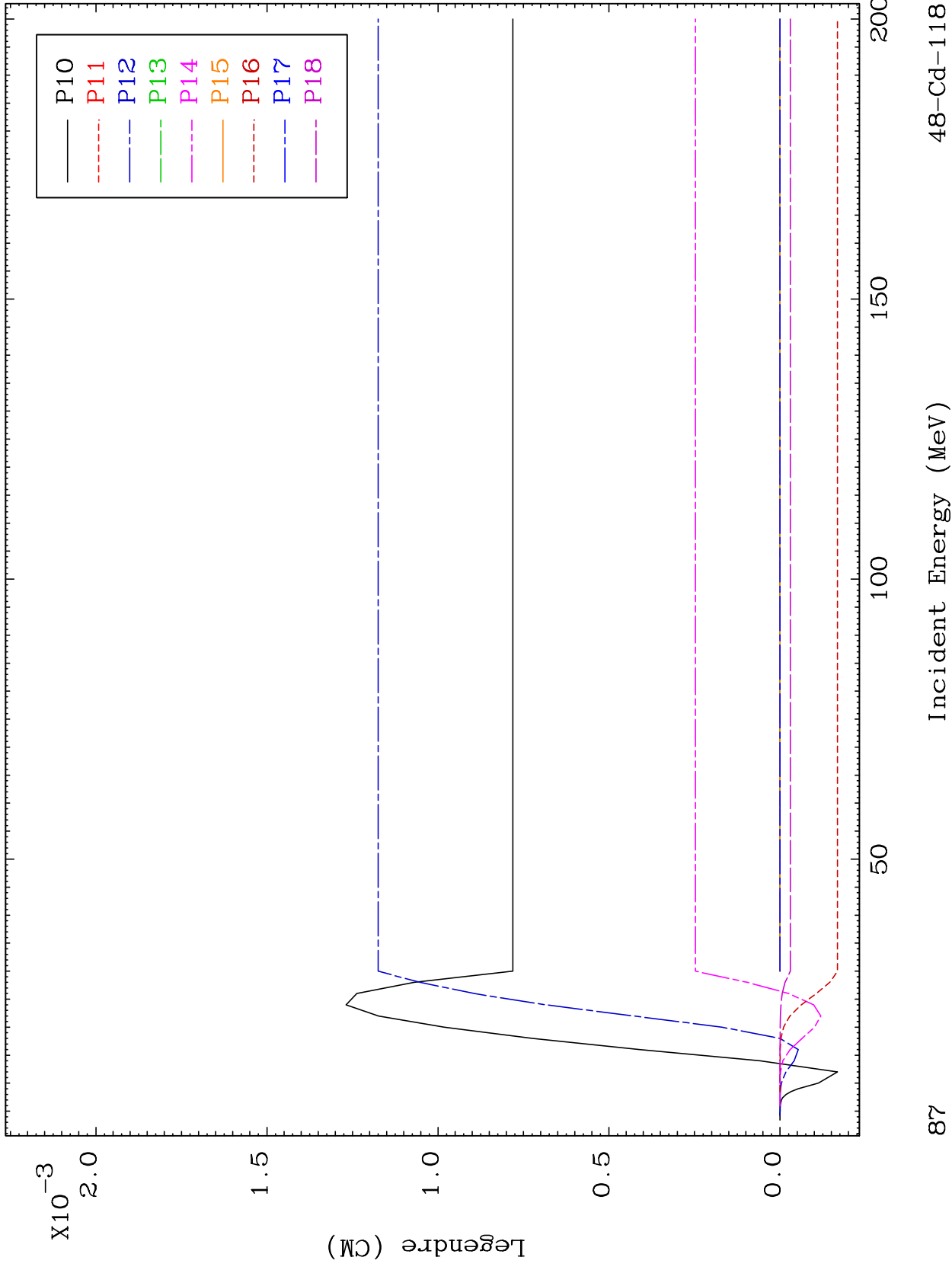




MAT 4861

2.472 MeV (n,n') Level
Legendre Coefficients

48-Cd-118



87

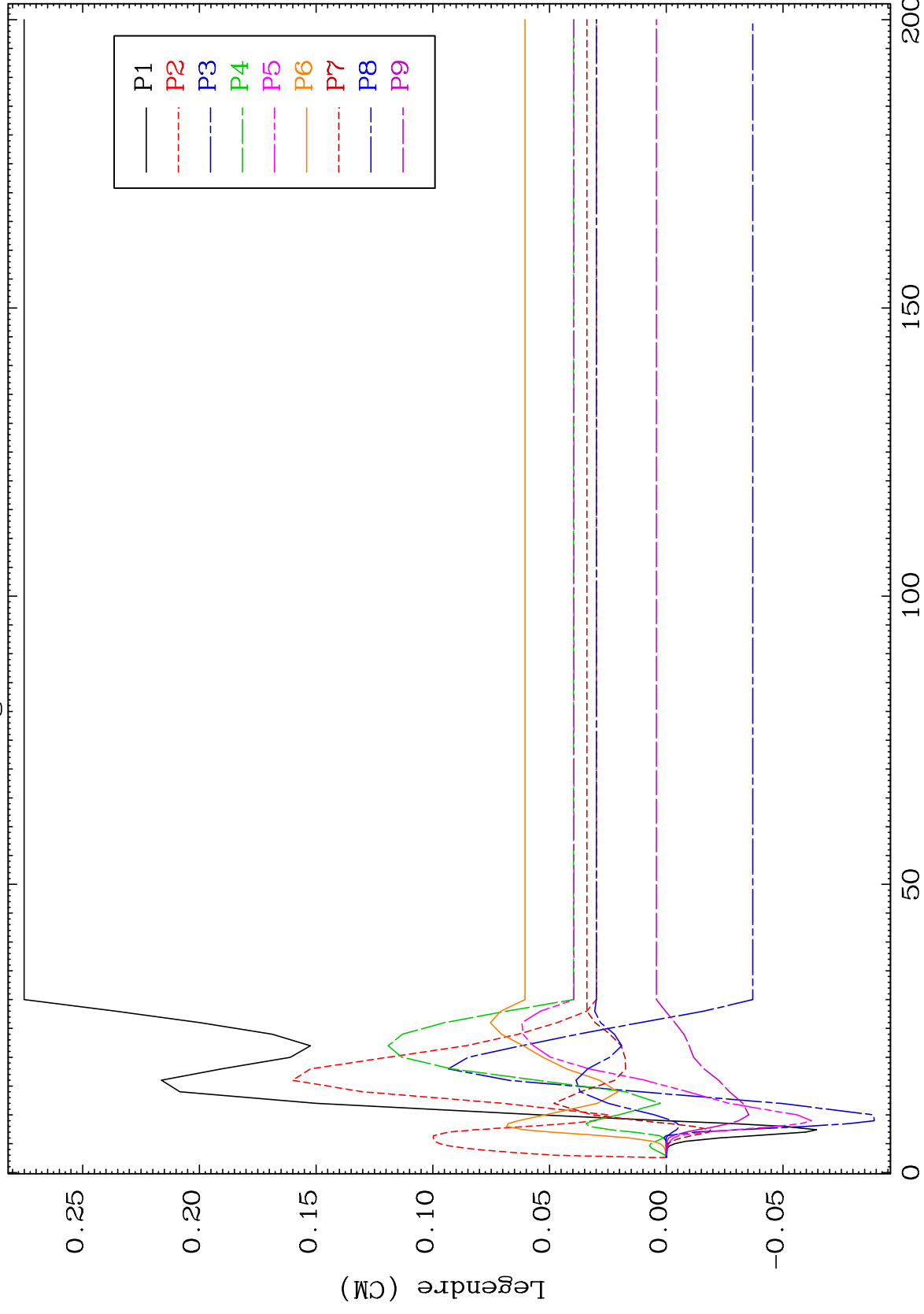
Incident Energy (MeV)

48-Cd-118

MAT 4861

2.575 MeV (n, n') Level
Legendre Coefficients

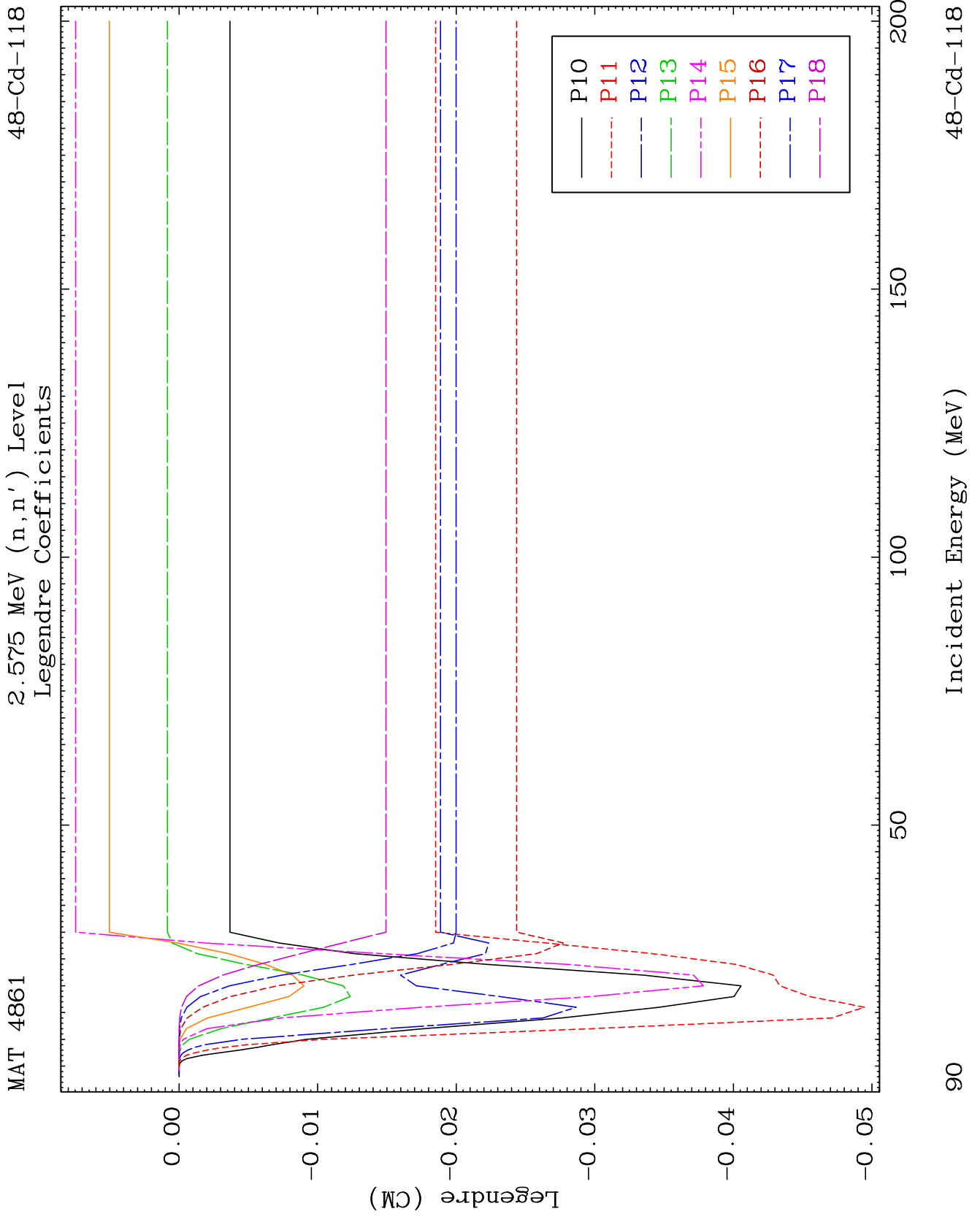
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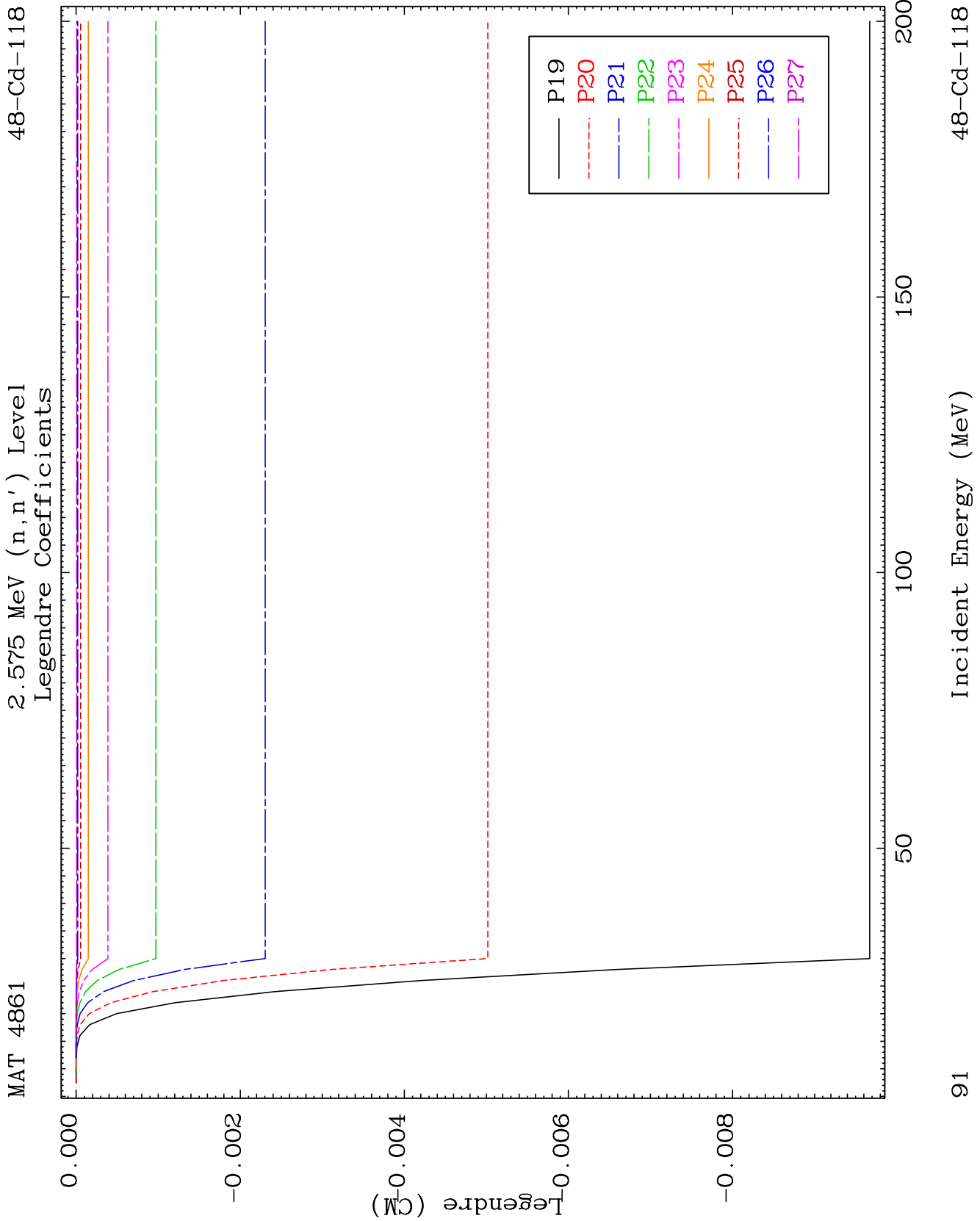


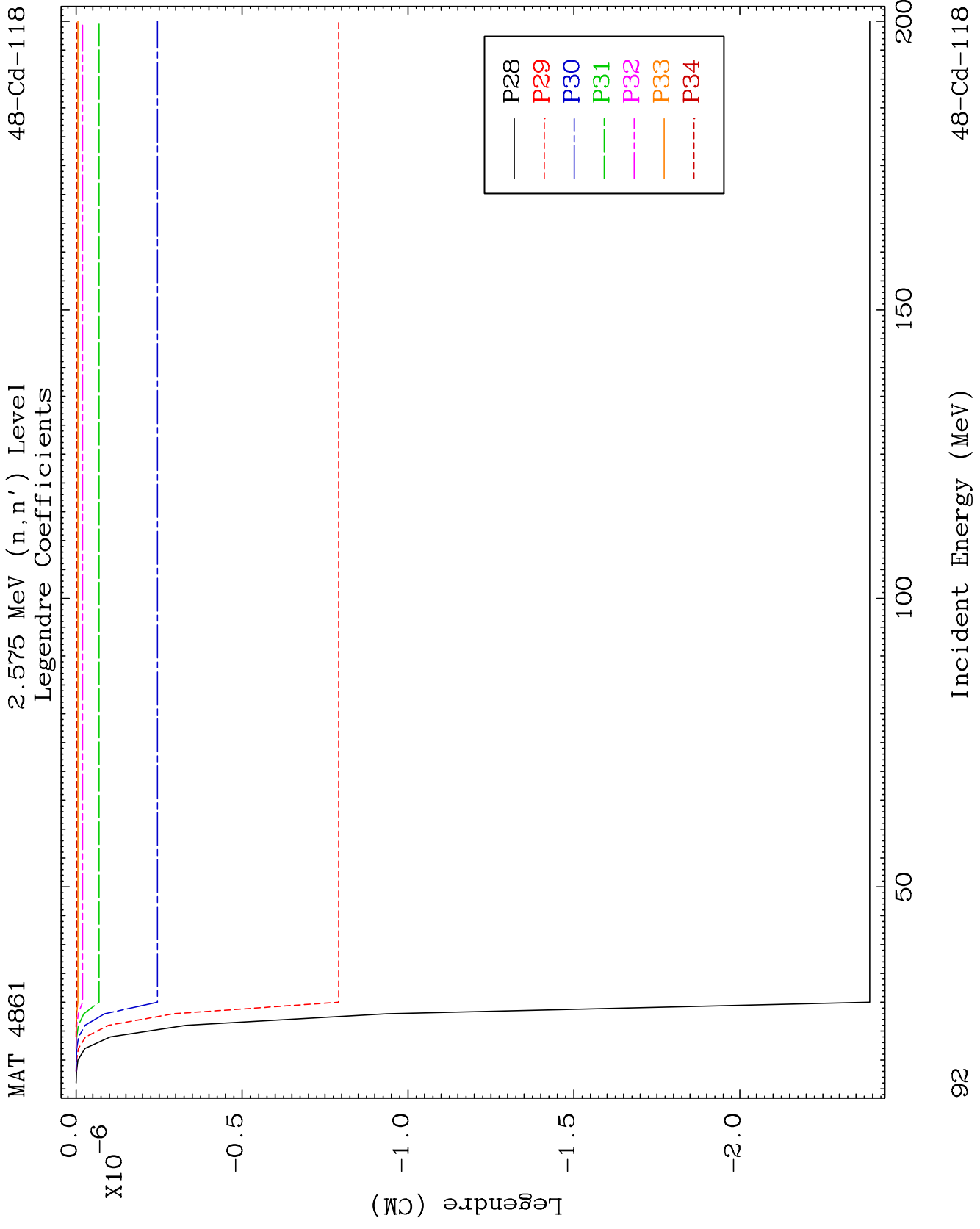
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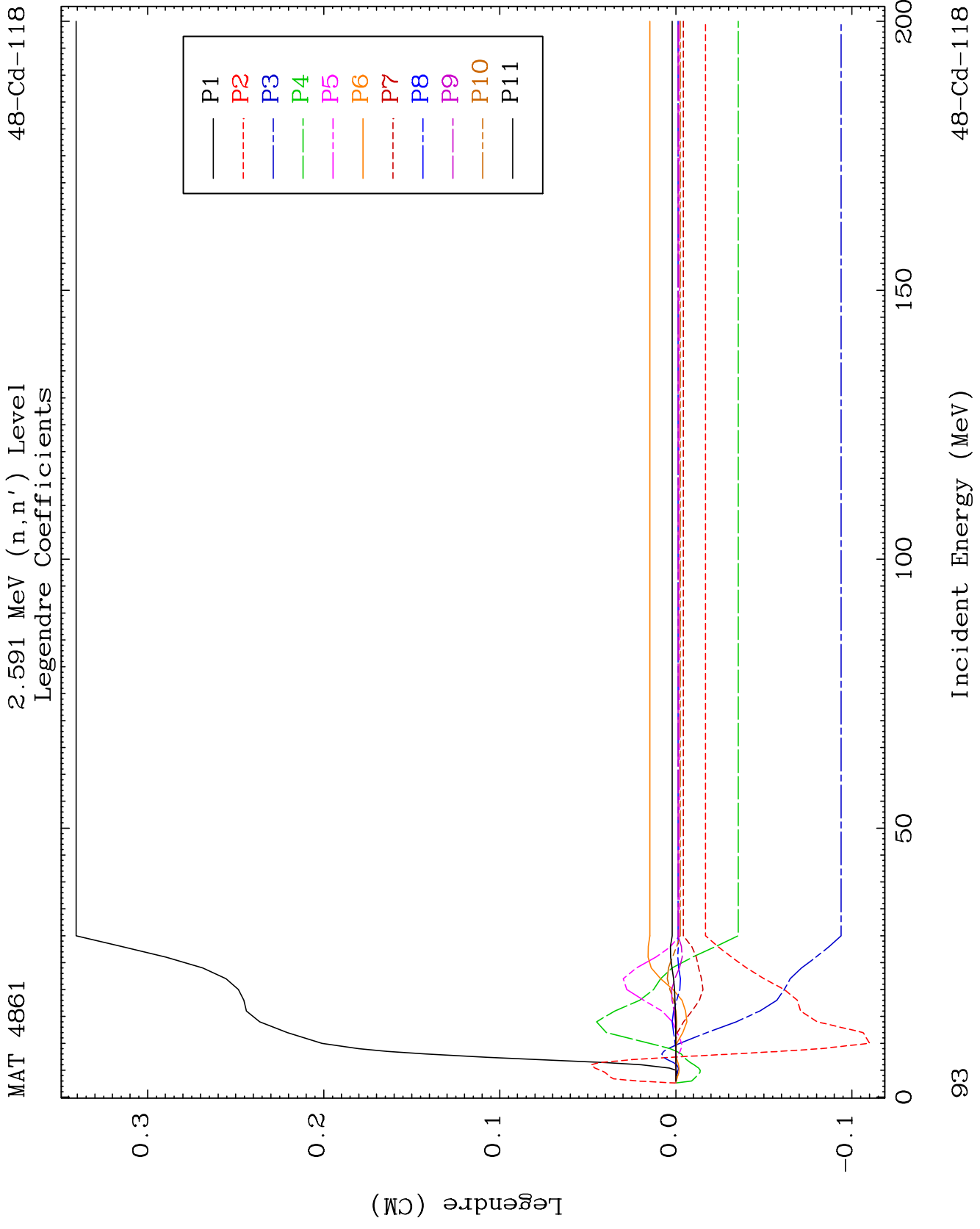
Incident Energy (MeV)

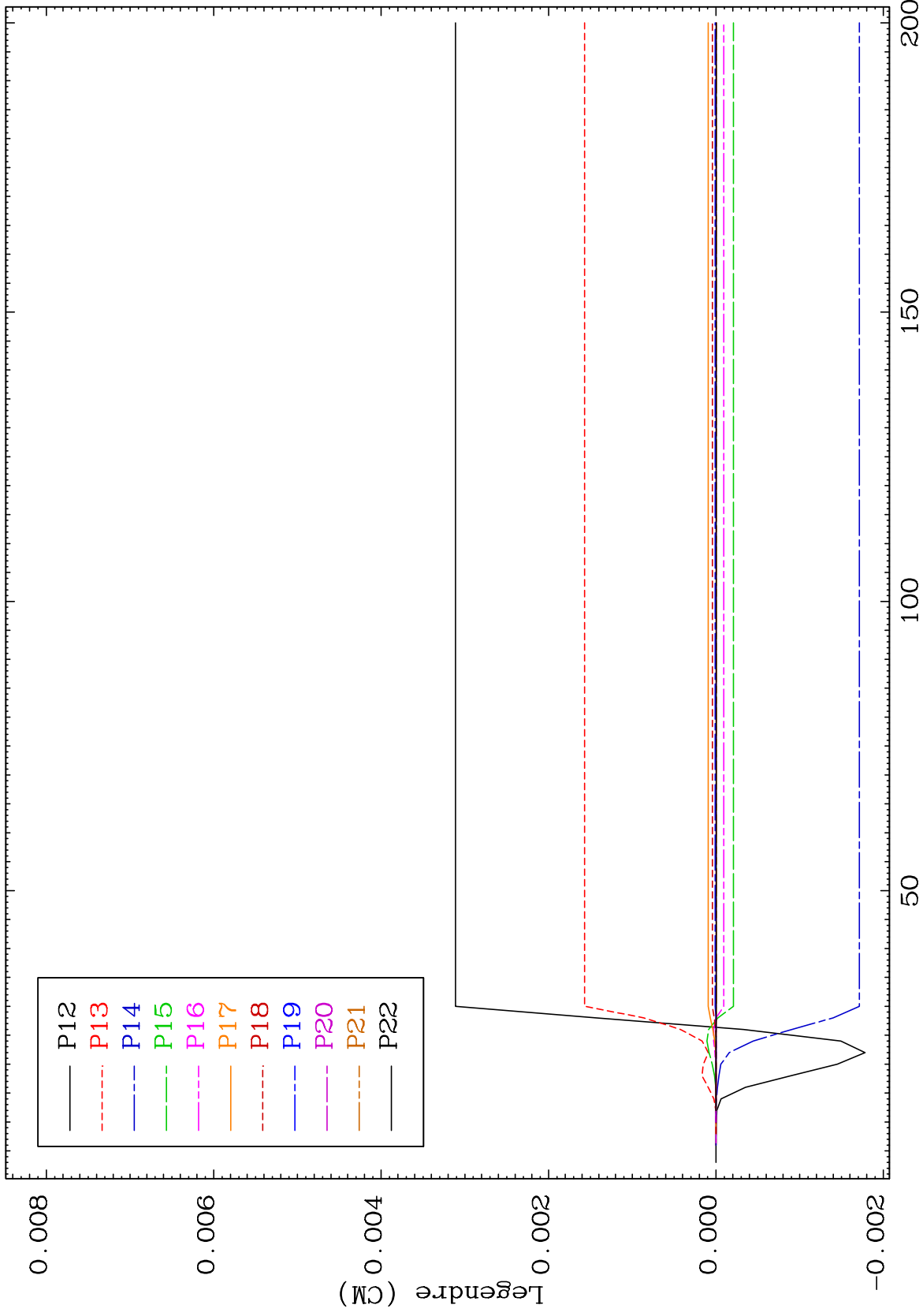
48-Cd-118

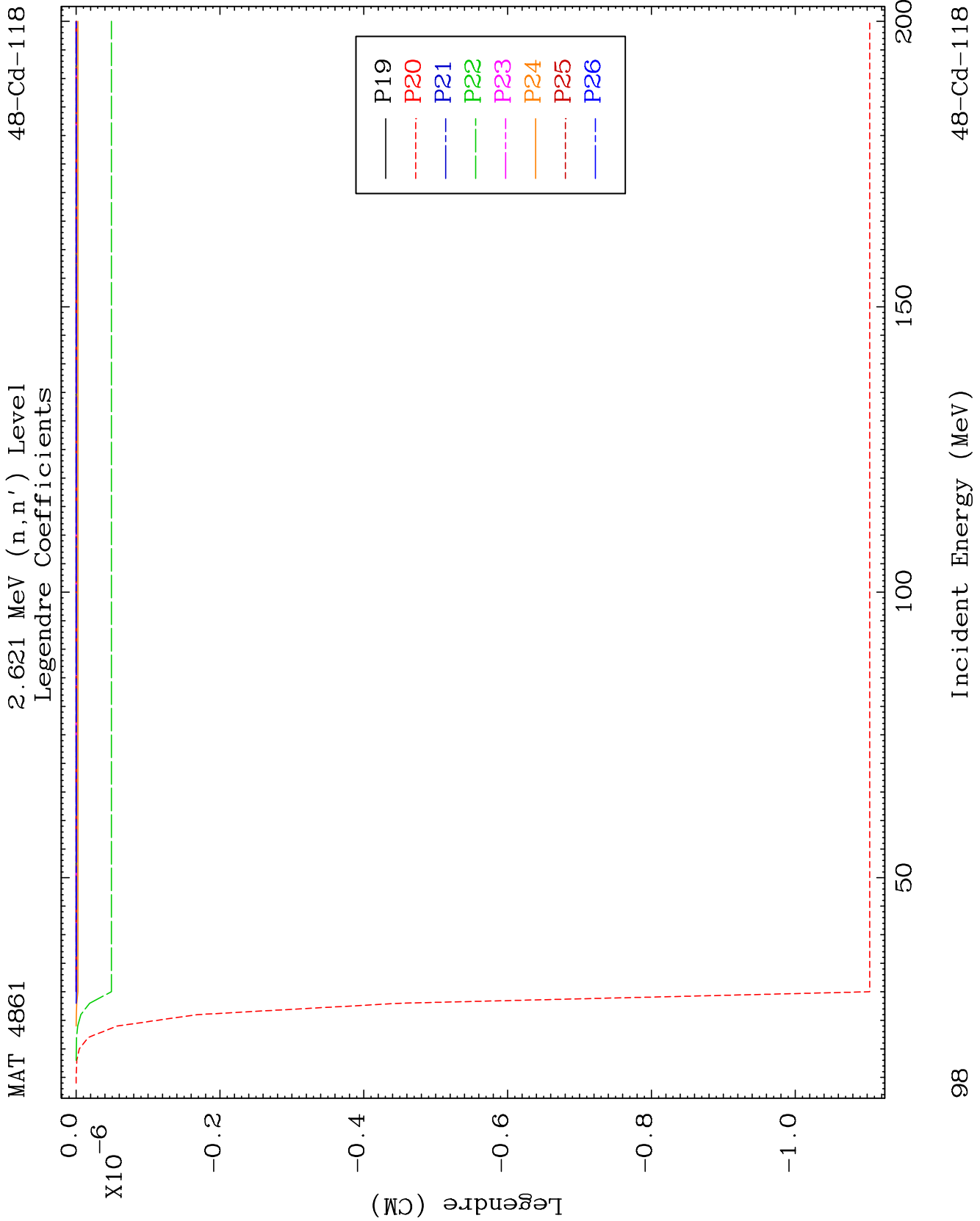


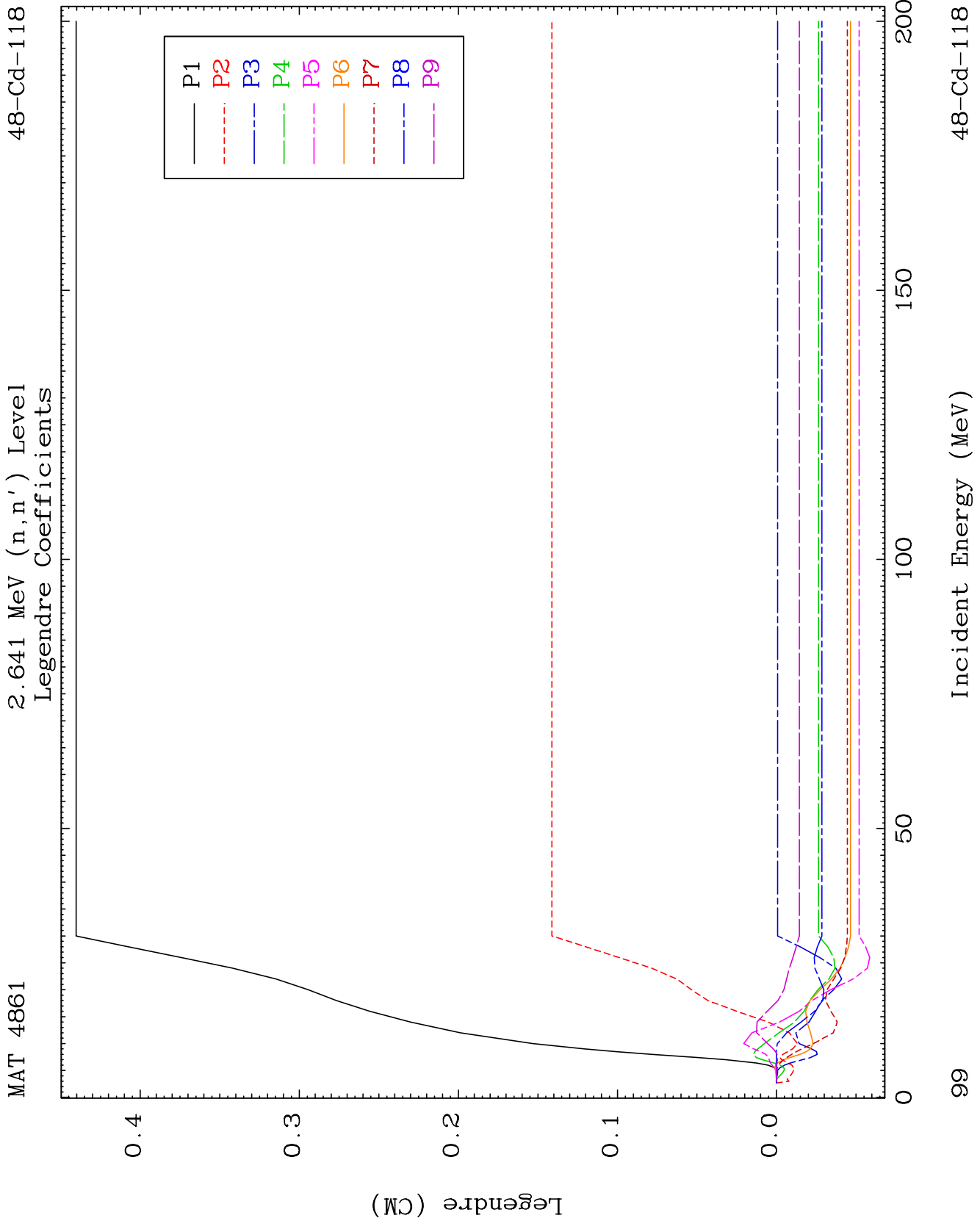


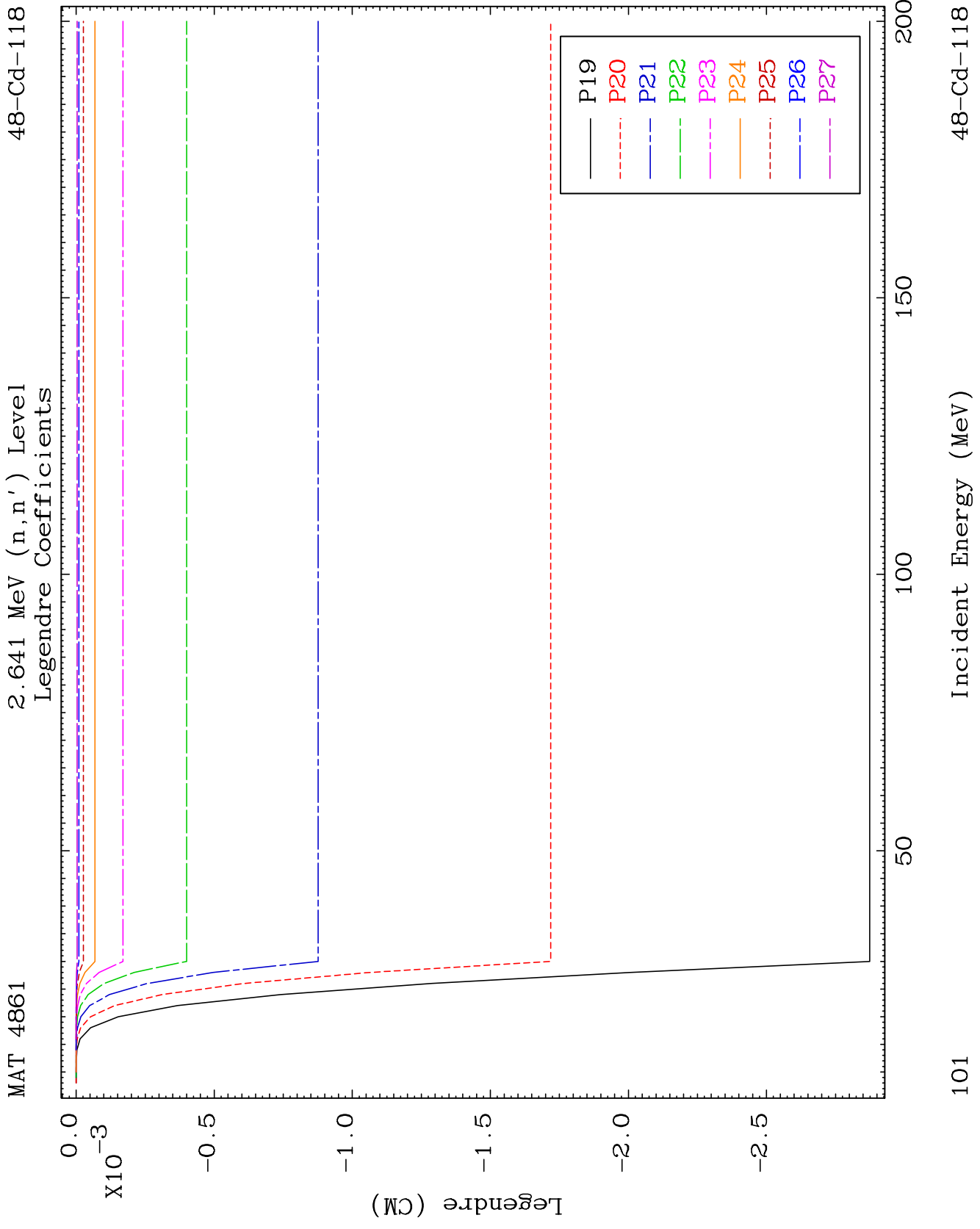


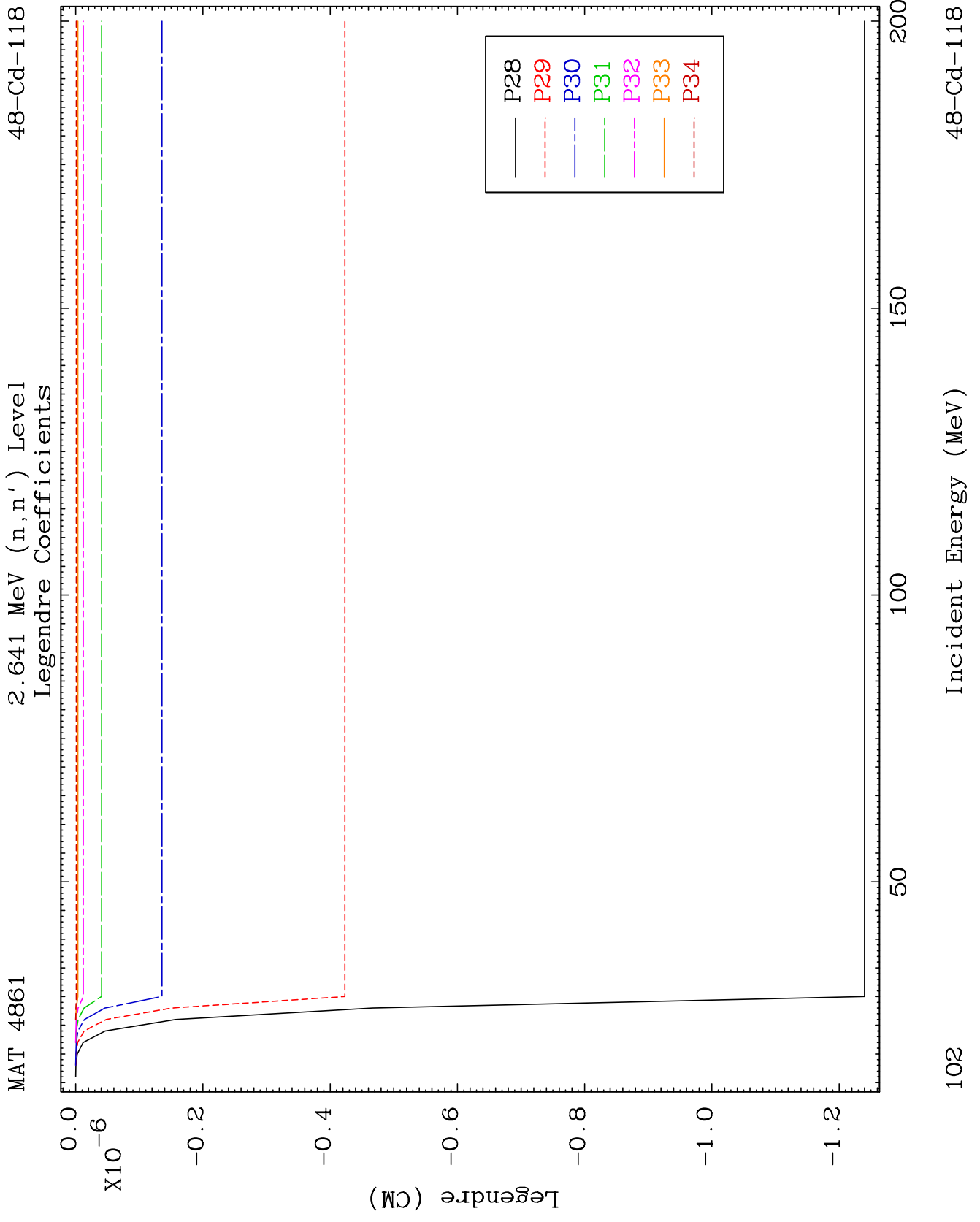








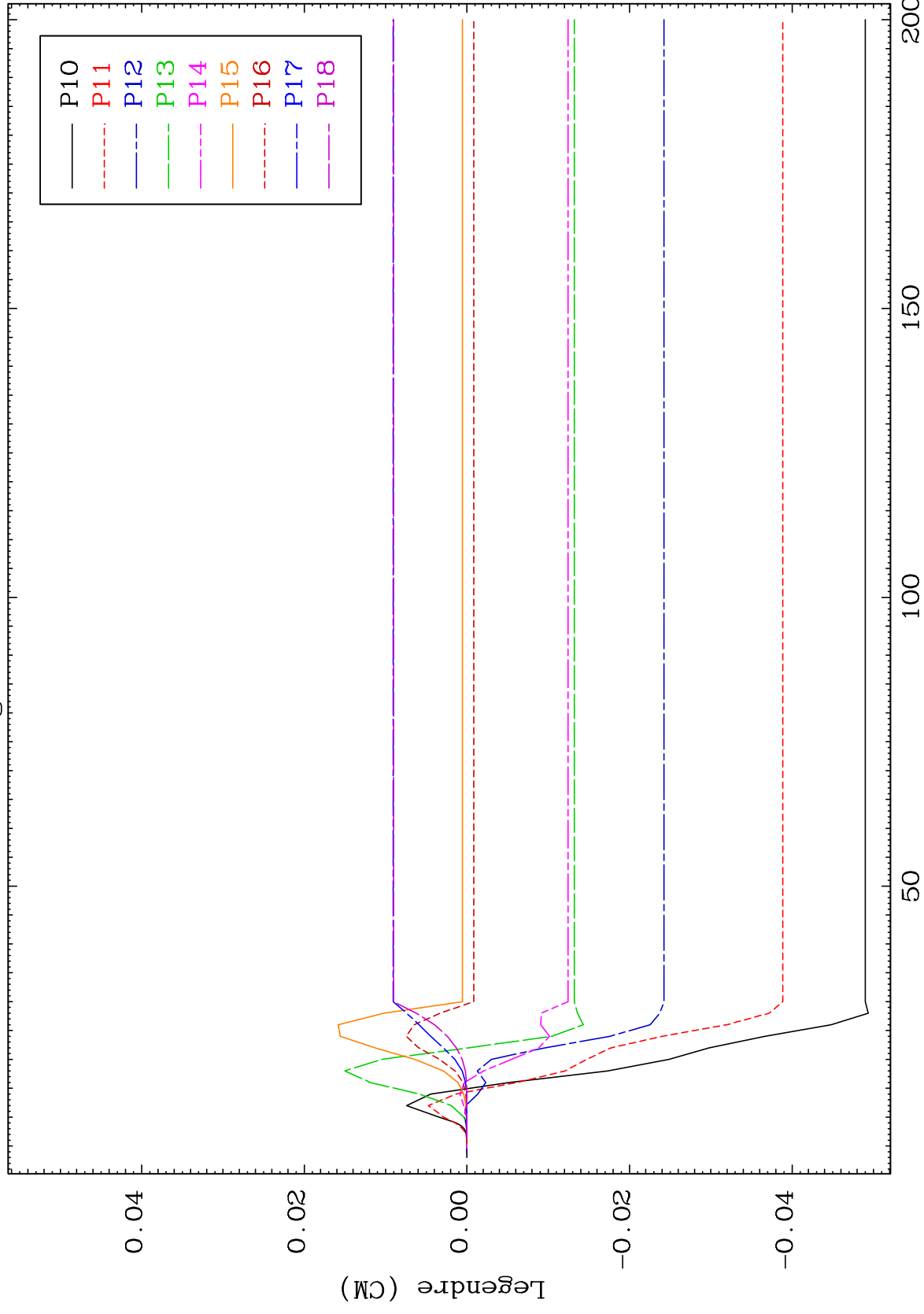




MAT 4861

2.756 MeV (n,n') Level
Legendre Coefficients

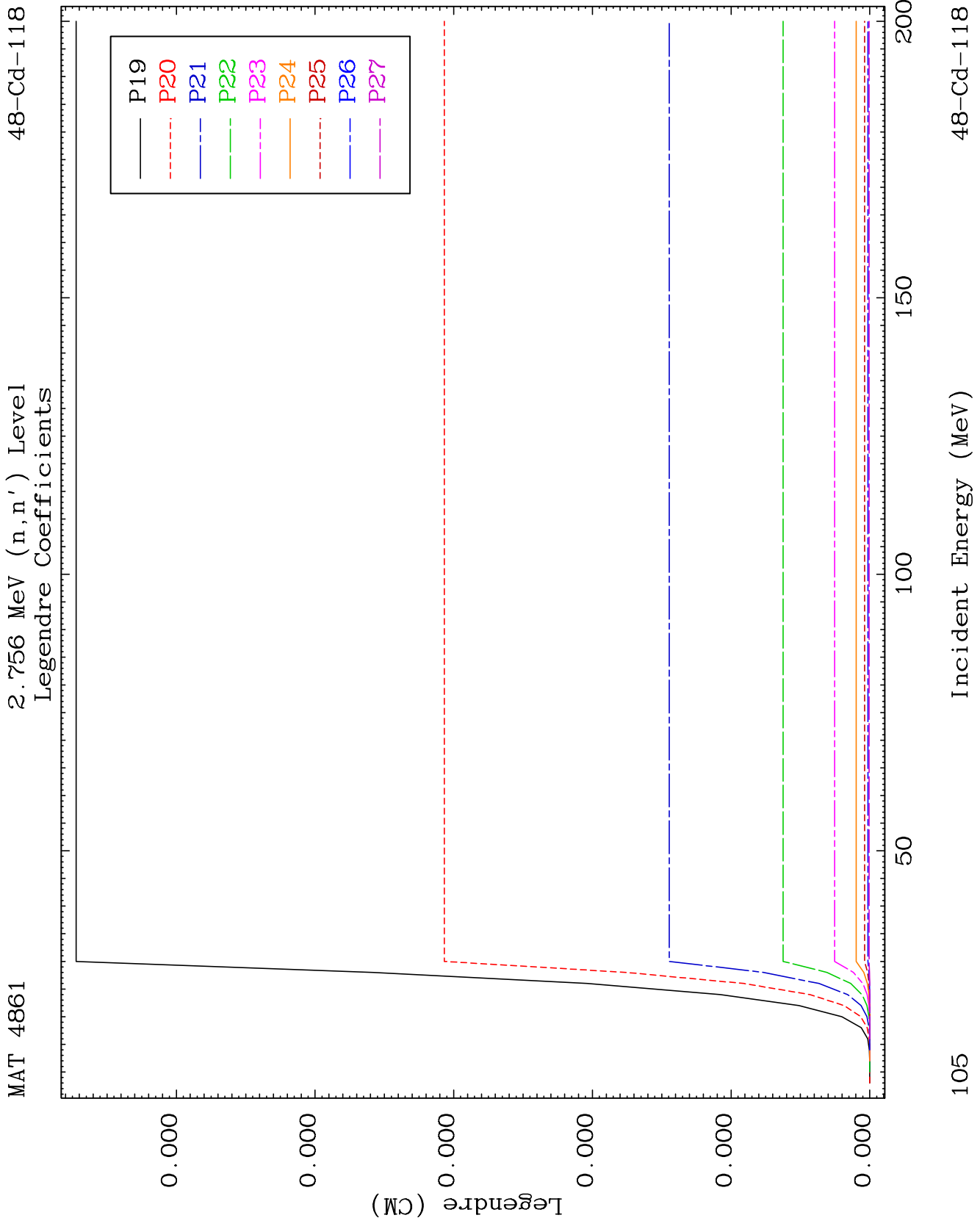
48-Cd-118

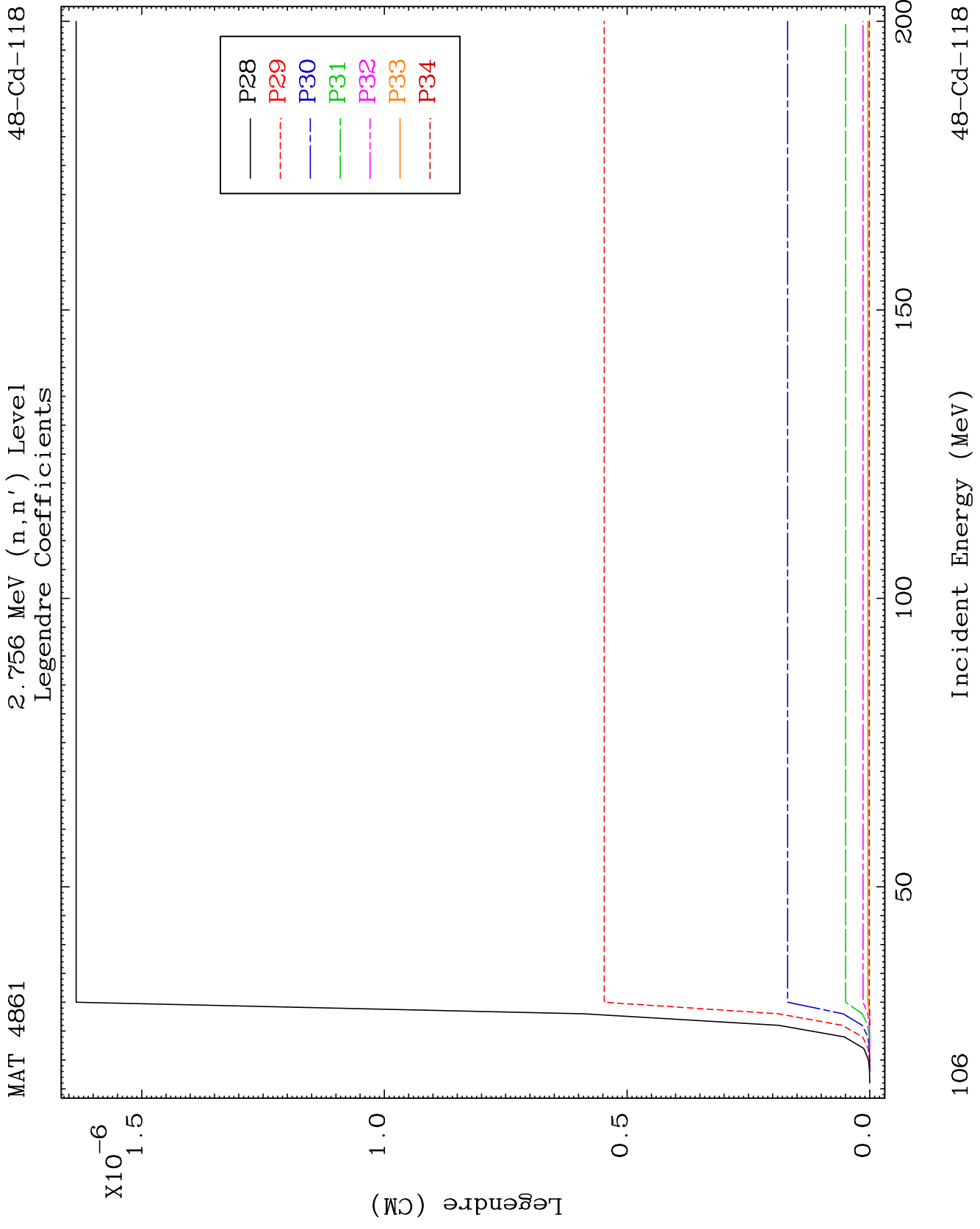


104

Incident Energy (MeV)

48-Cd-118

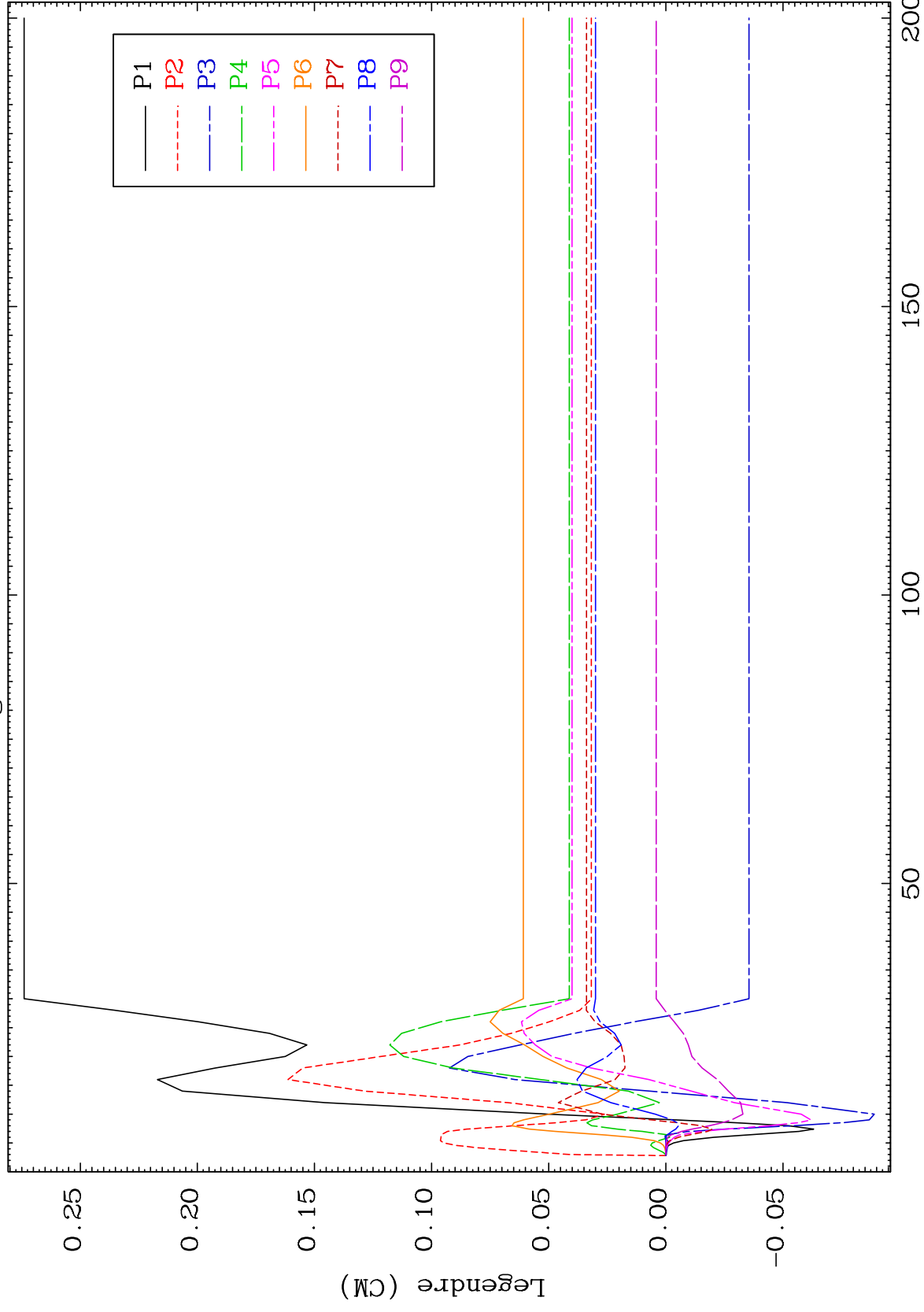




MAT 4861

2.789 MeV (n, n') Level
Legendre Coefficients

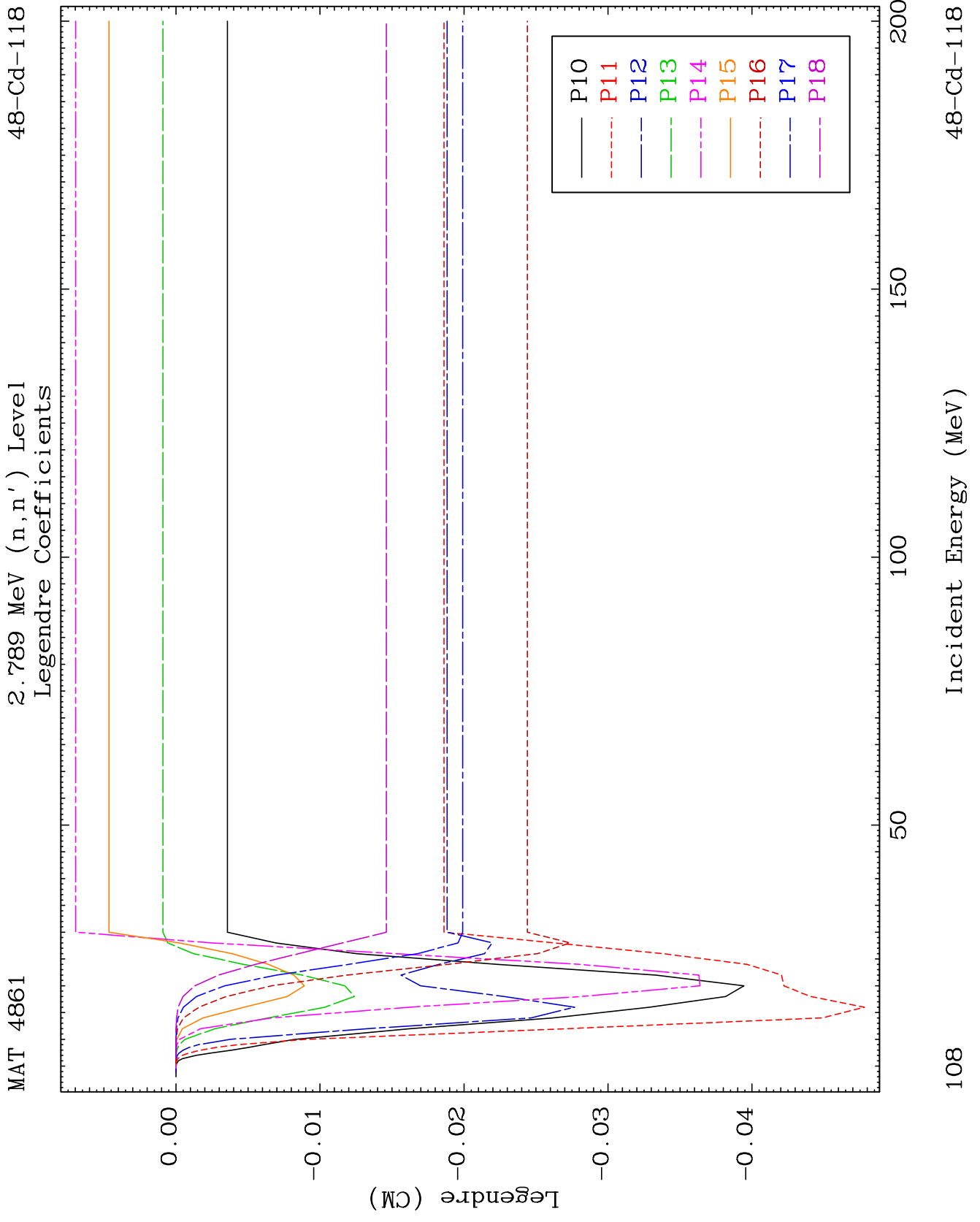
48-Cd-118

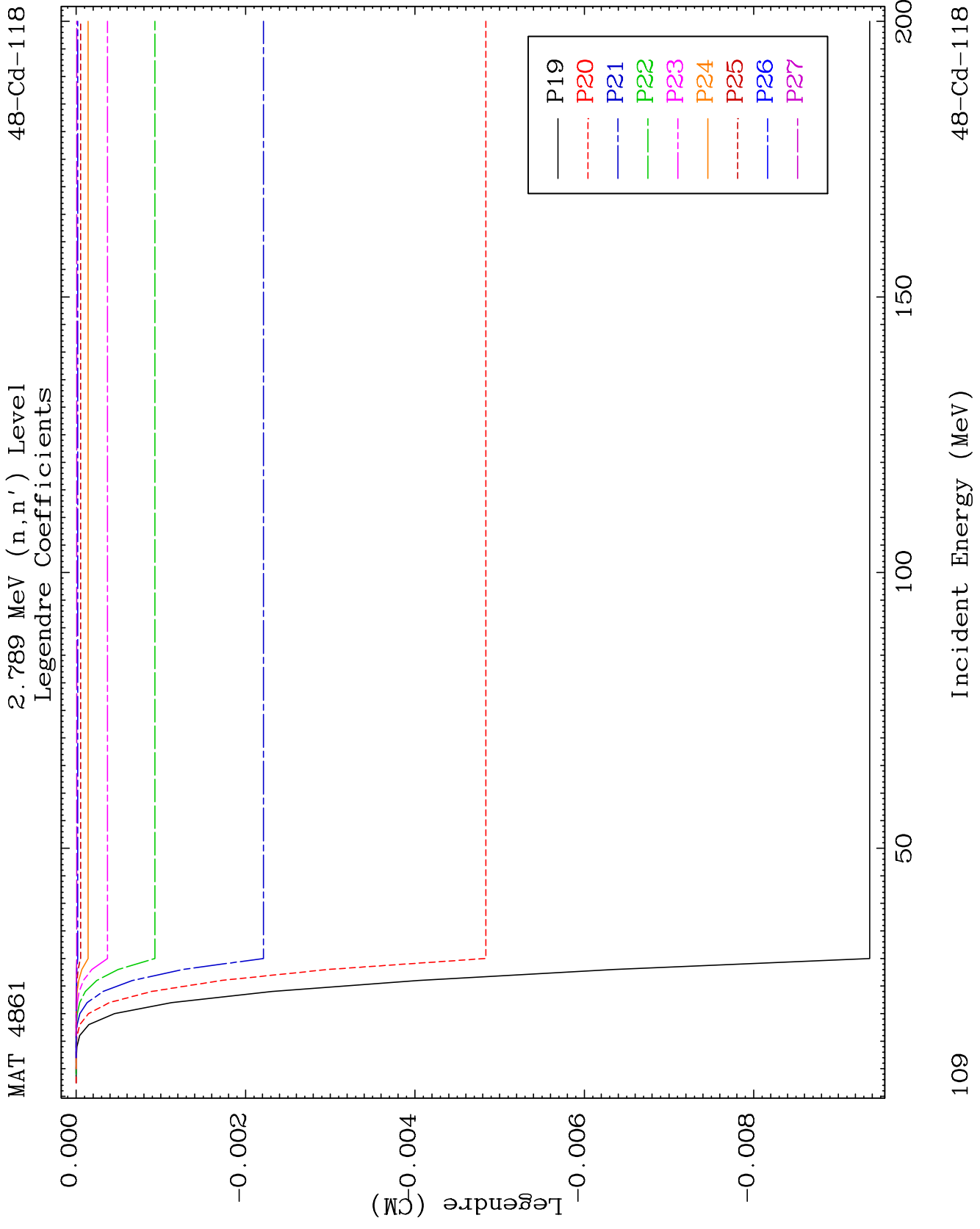


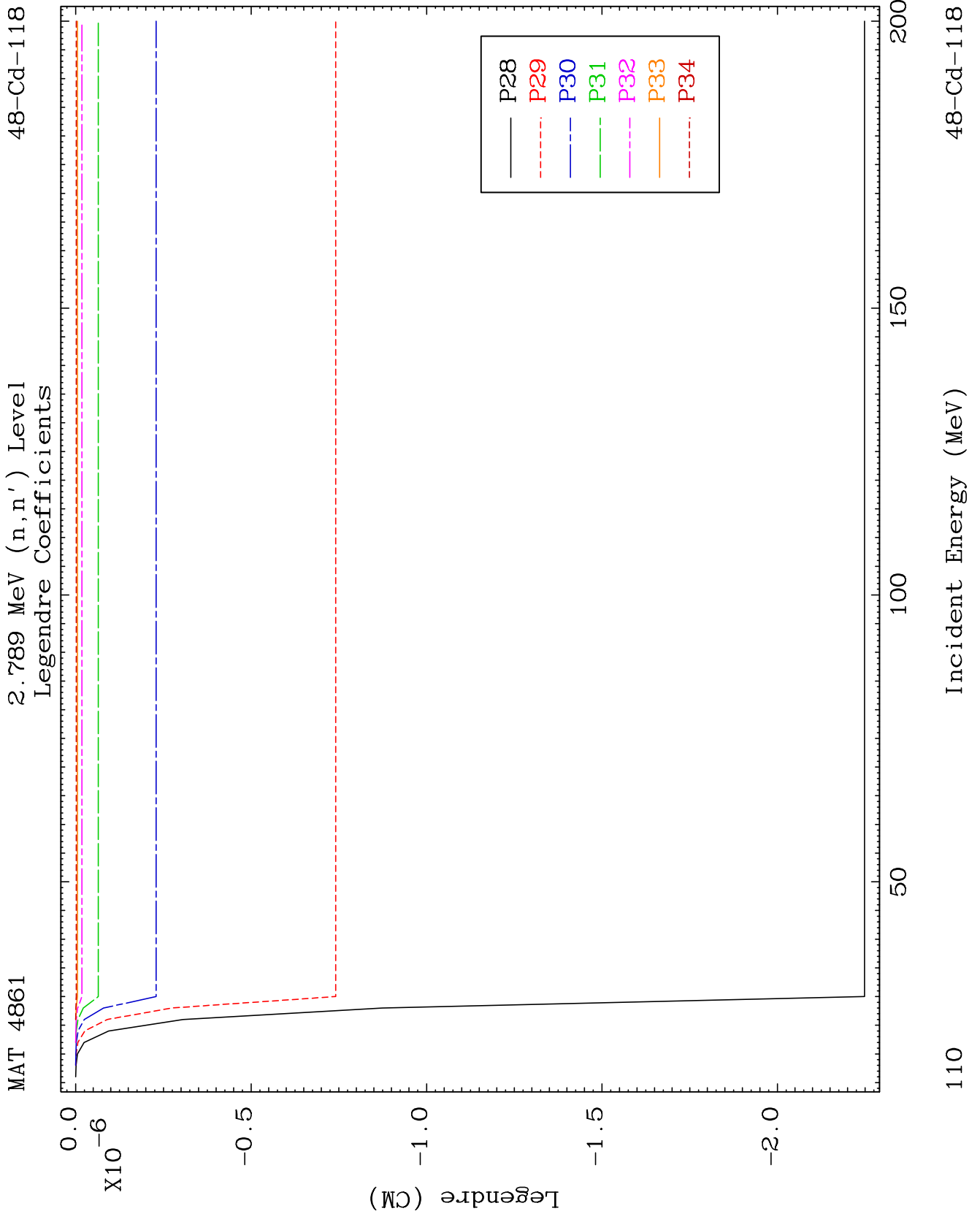
107

Incident Energy (MeV)

48-Cd-118



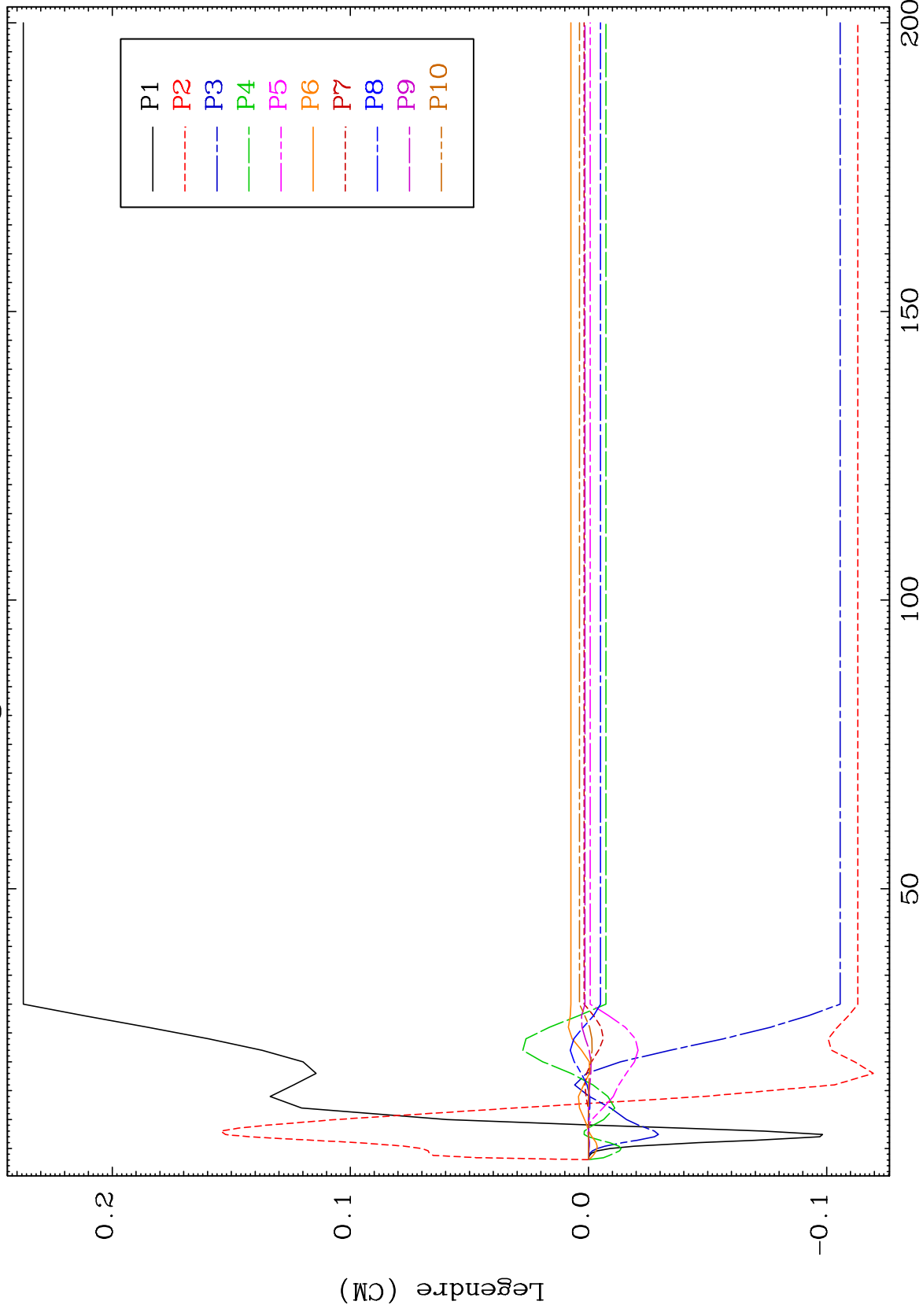




MAT 4861

3.018 MeV (n,n') Level
Legendre Coefficients

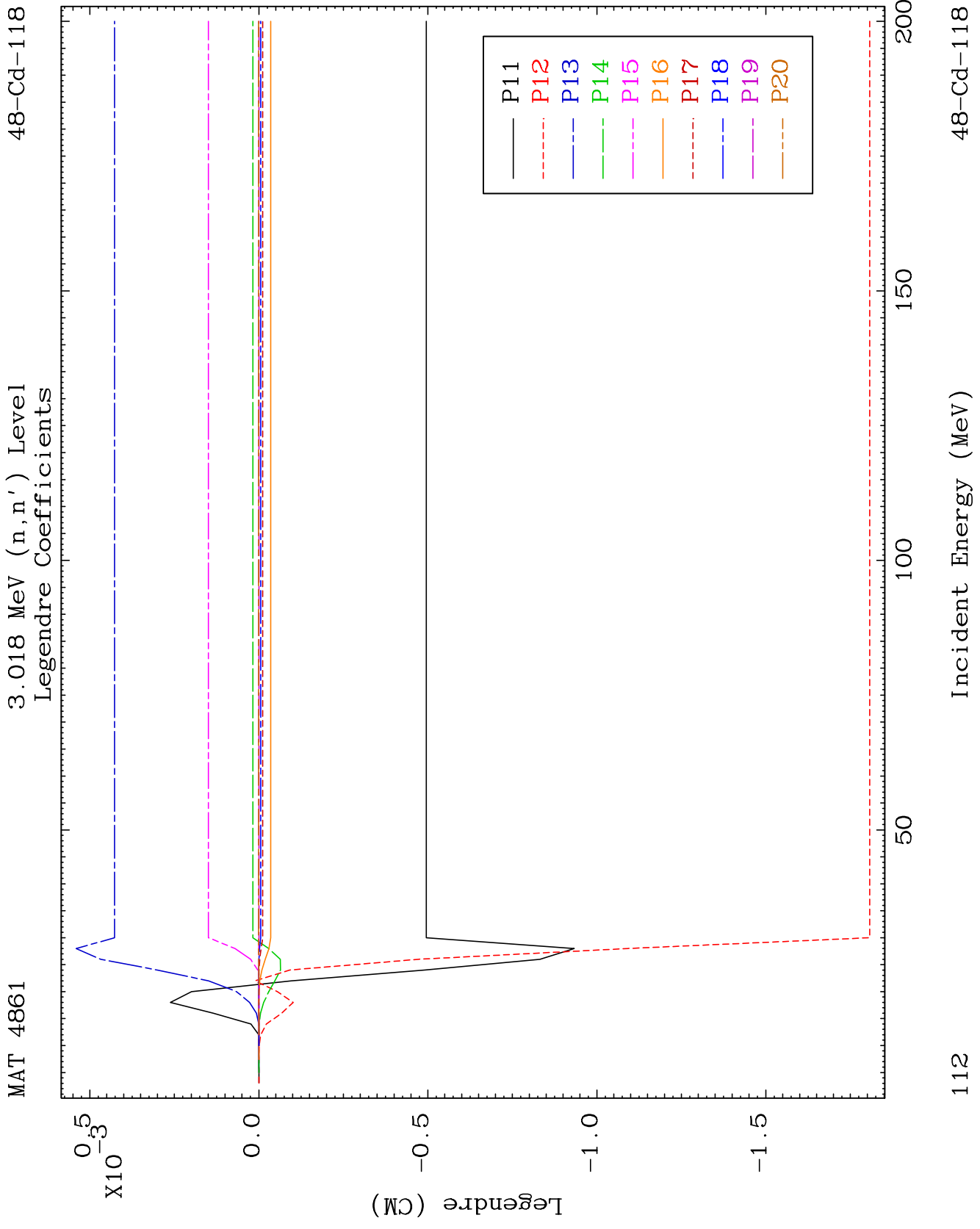
48-Cd-118



111

Incident Energy (MeV)

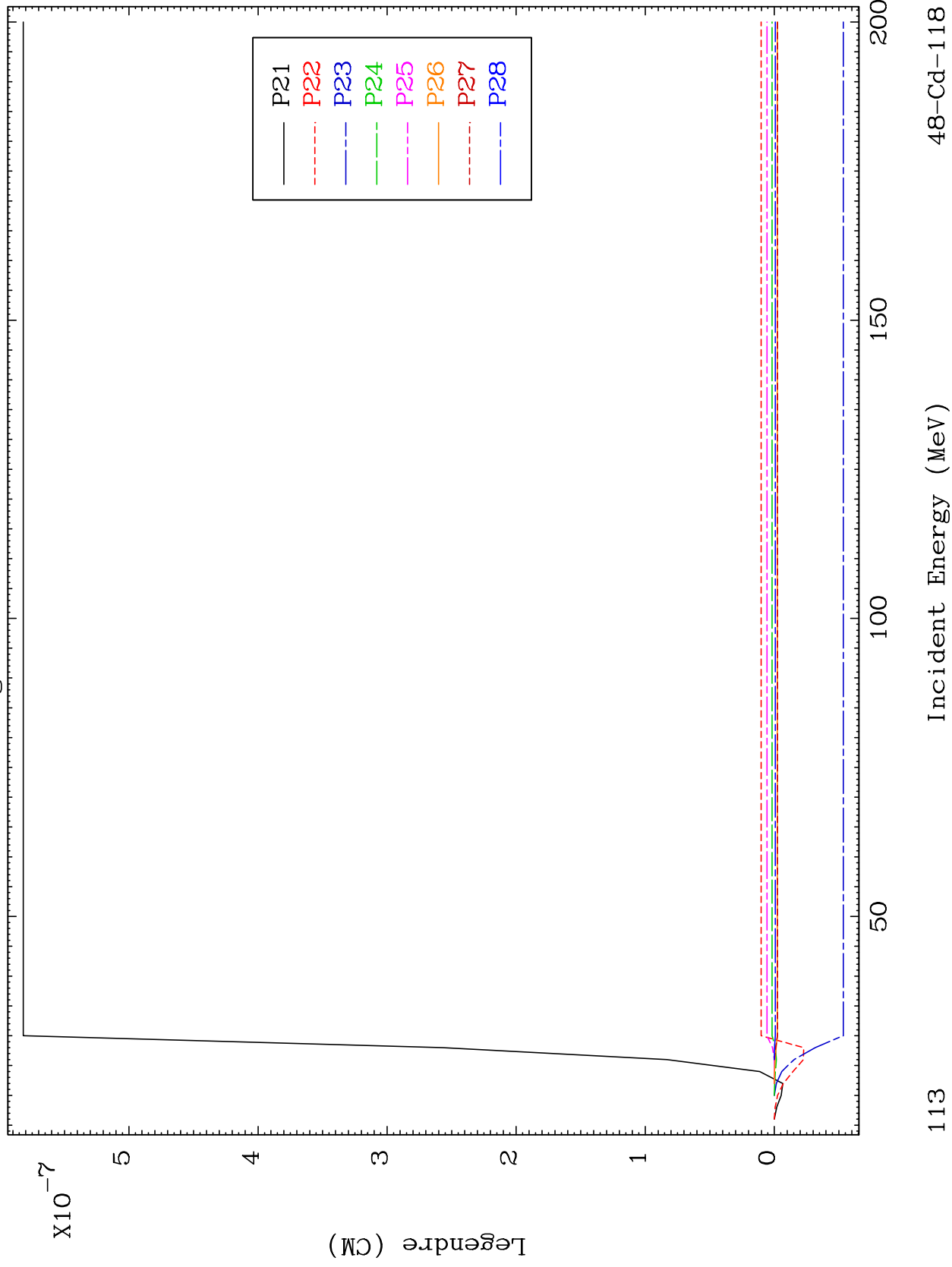
48-Cd-118



MAT 4861

3.018 MeV (n,n') Level
Legendre Coefficients

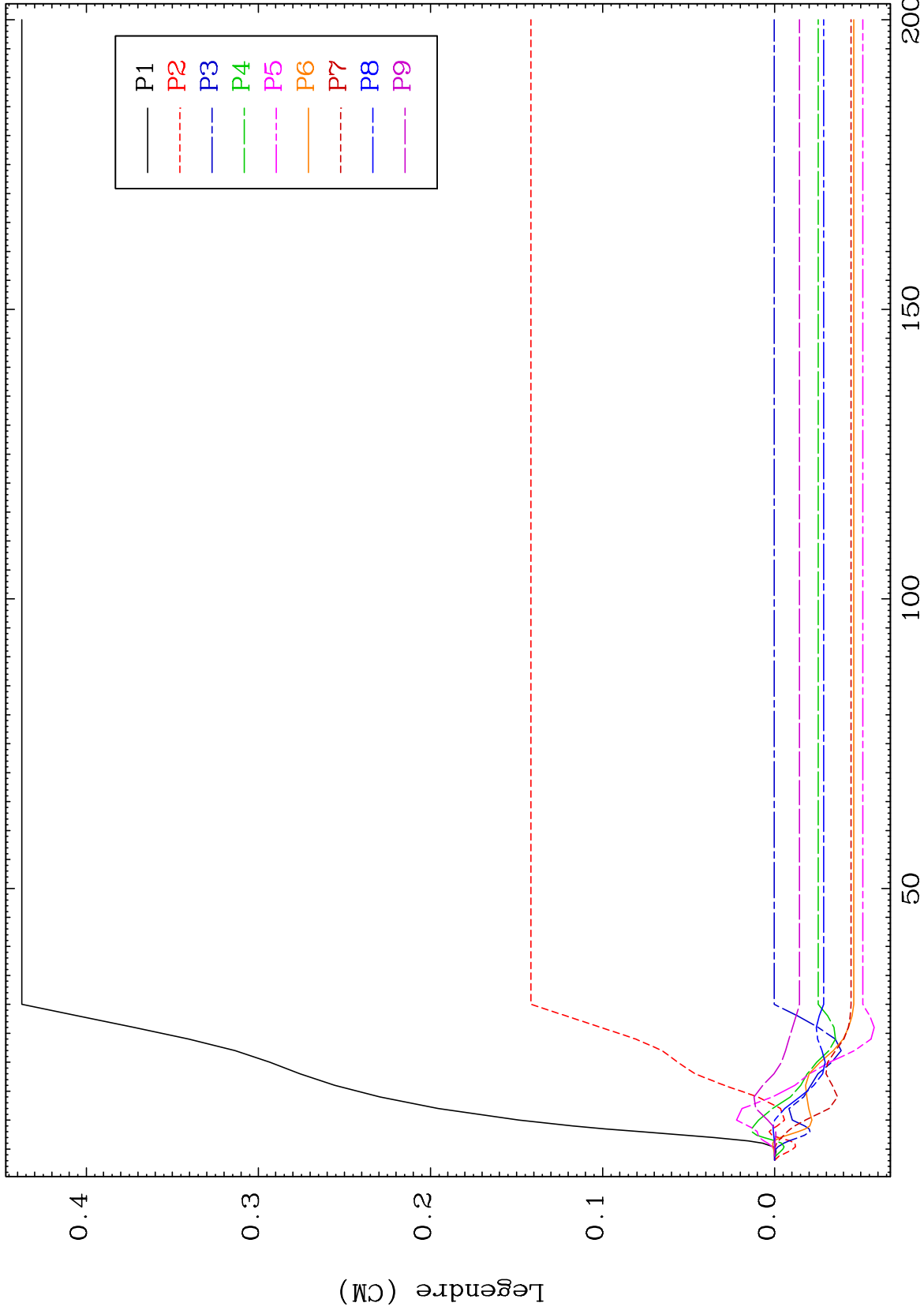
48-Cd-118

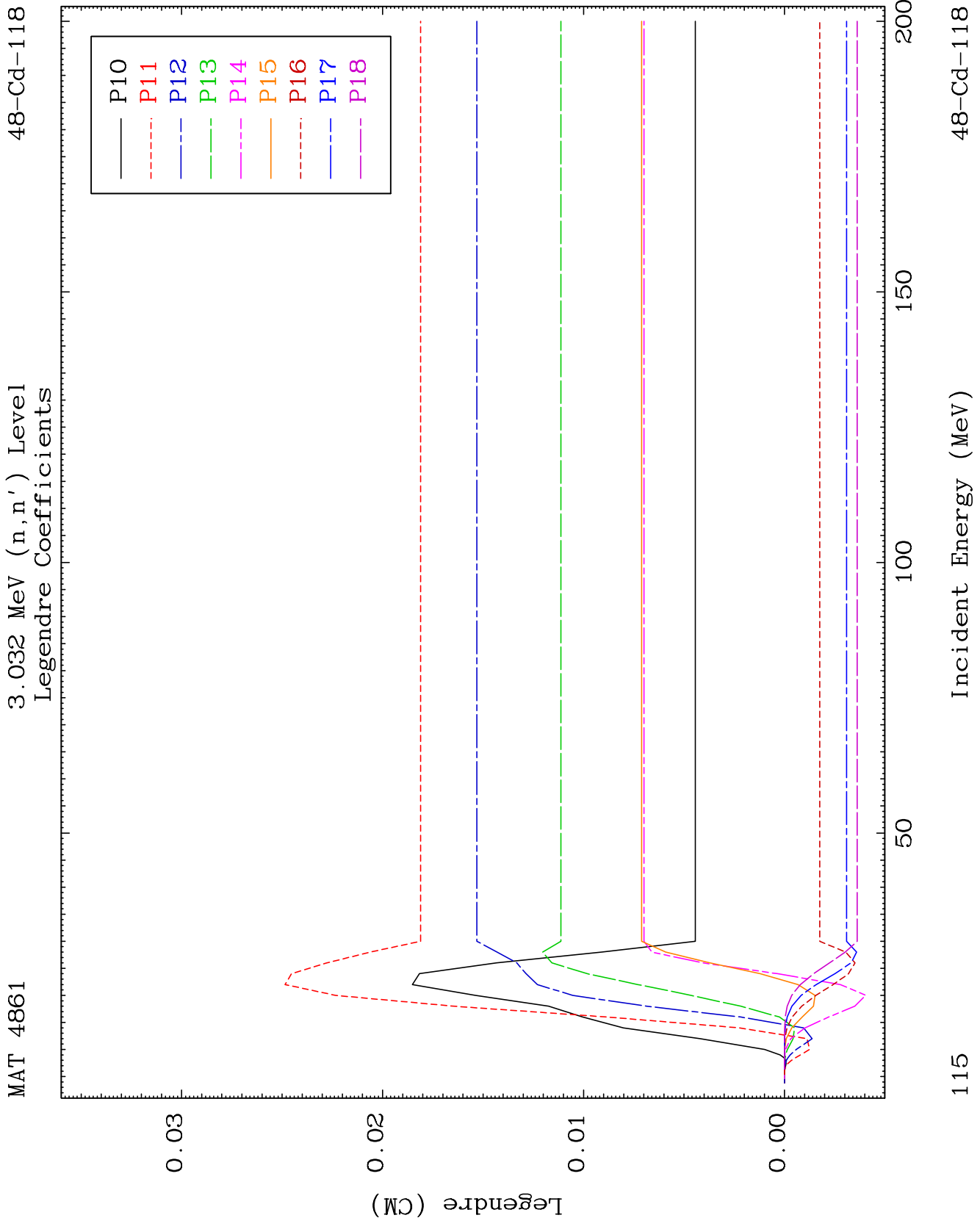


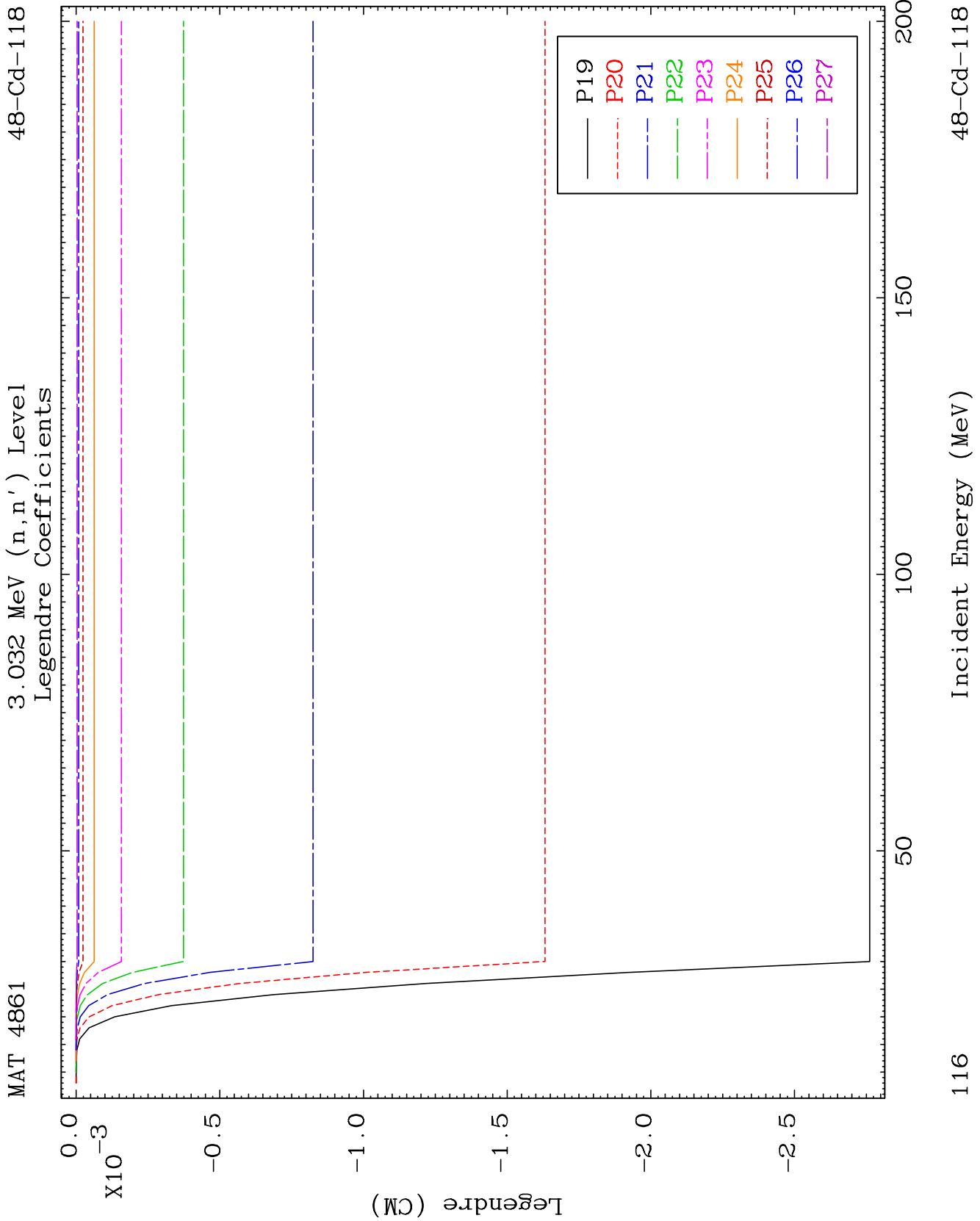
113

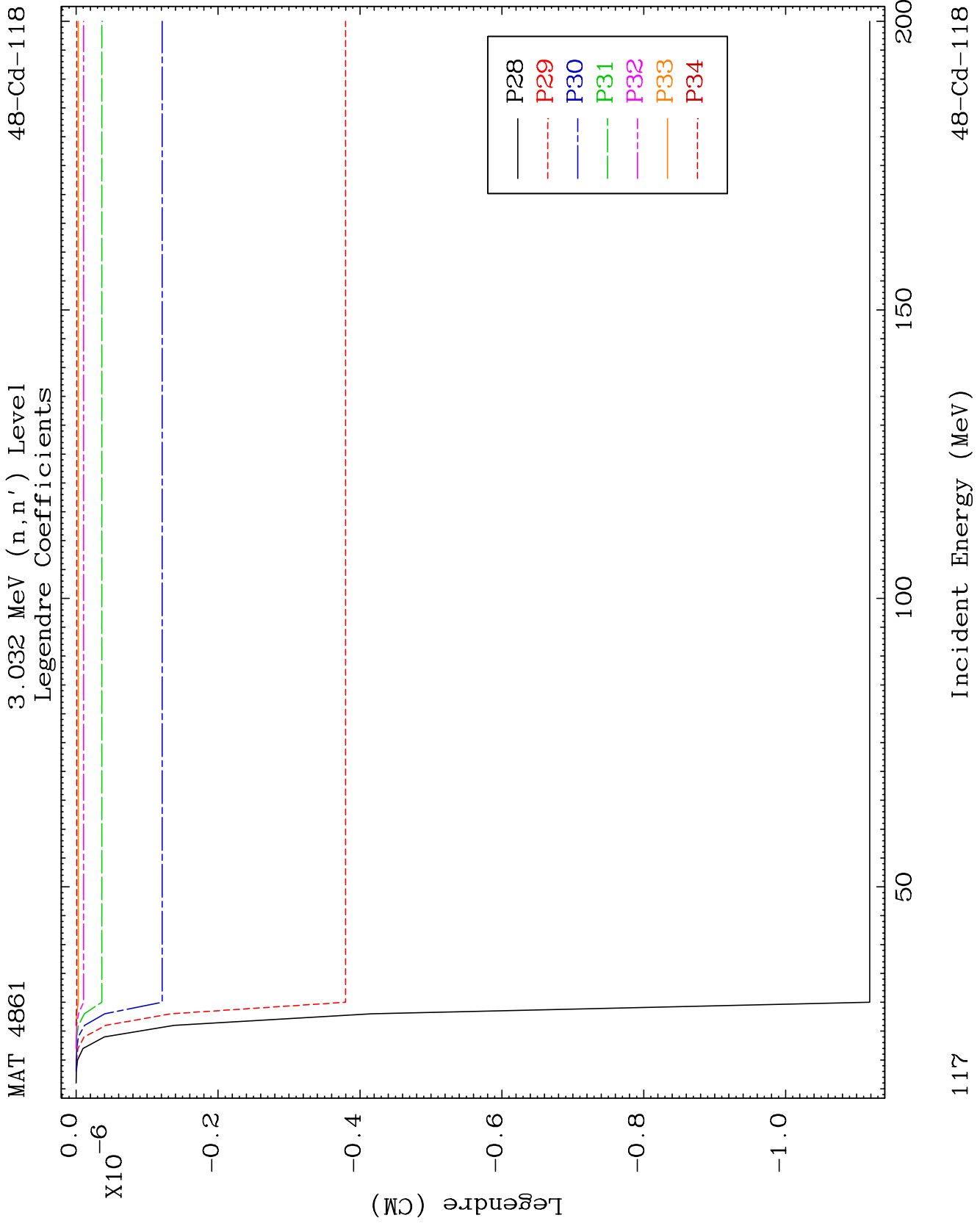
Incident Energy (MeV)

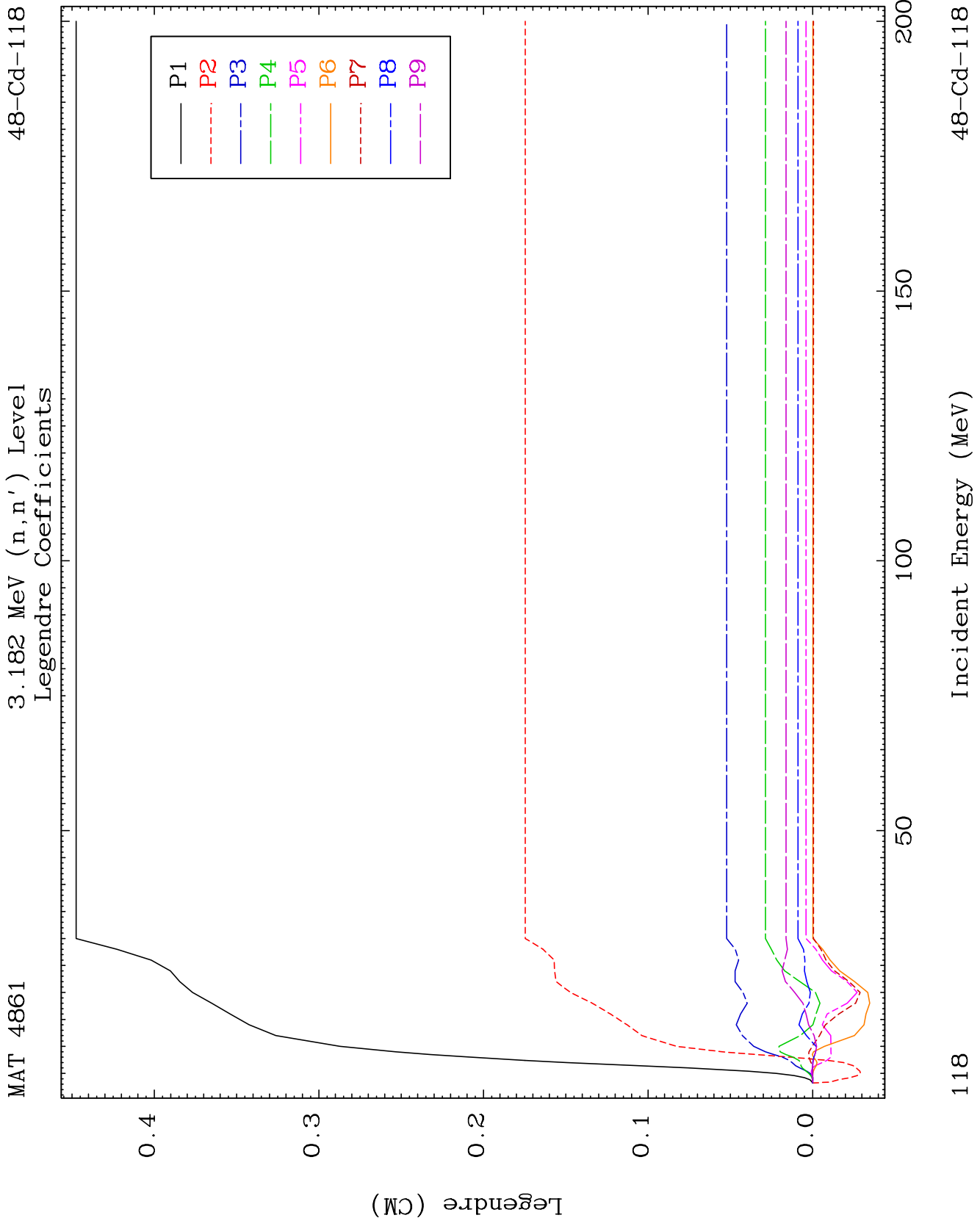
48-Cd-118

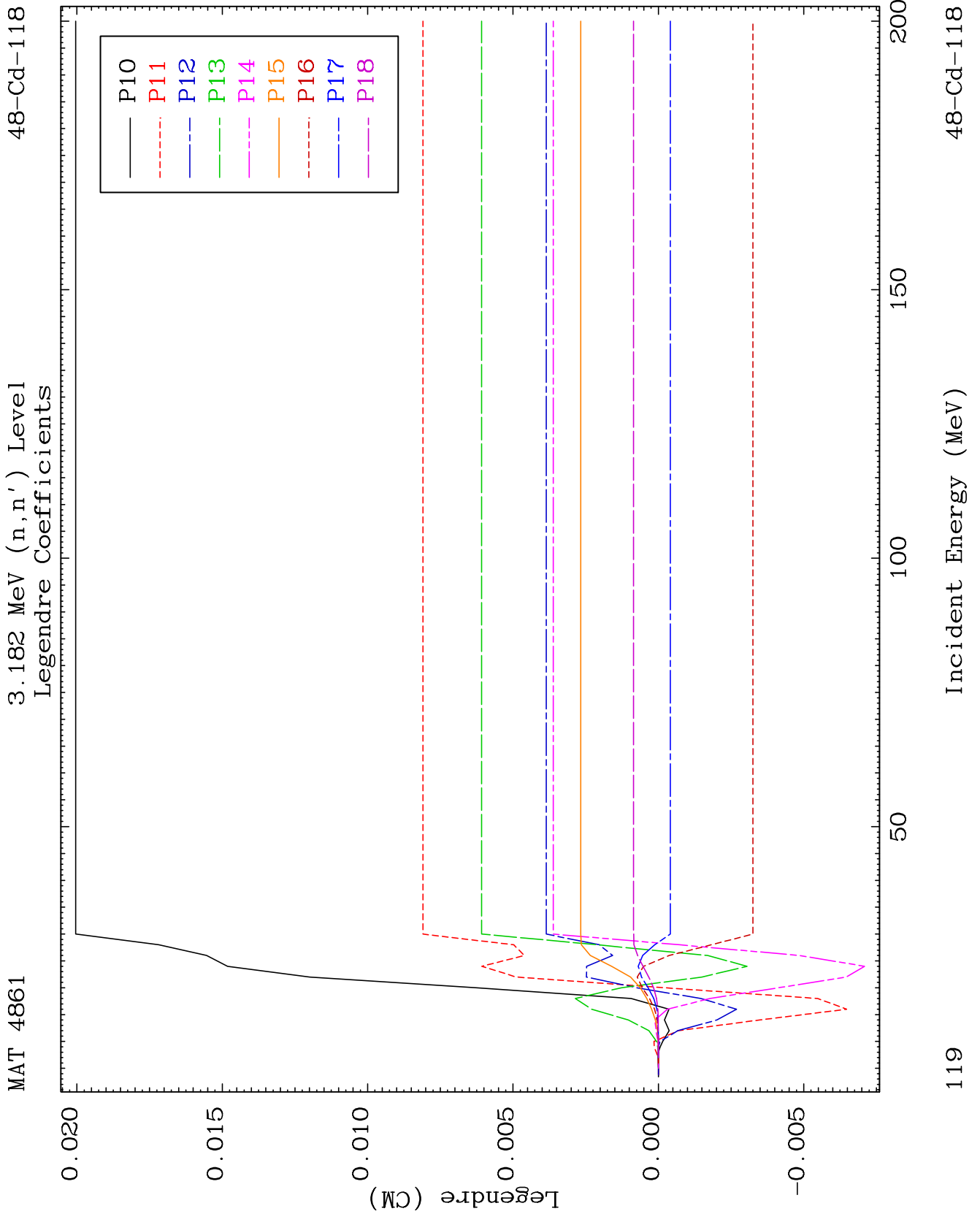


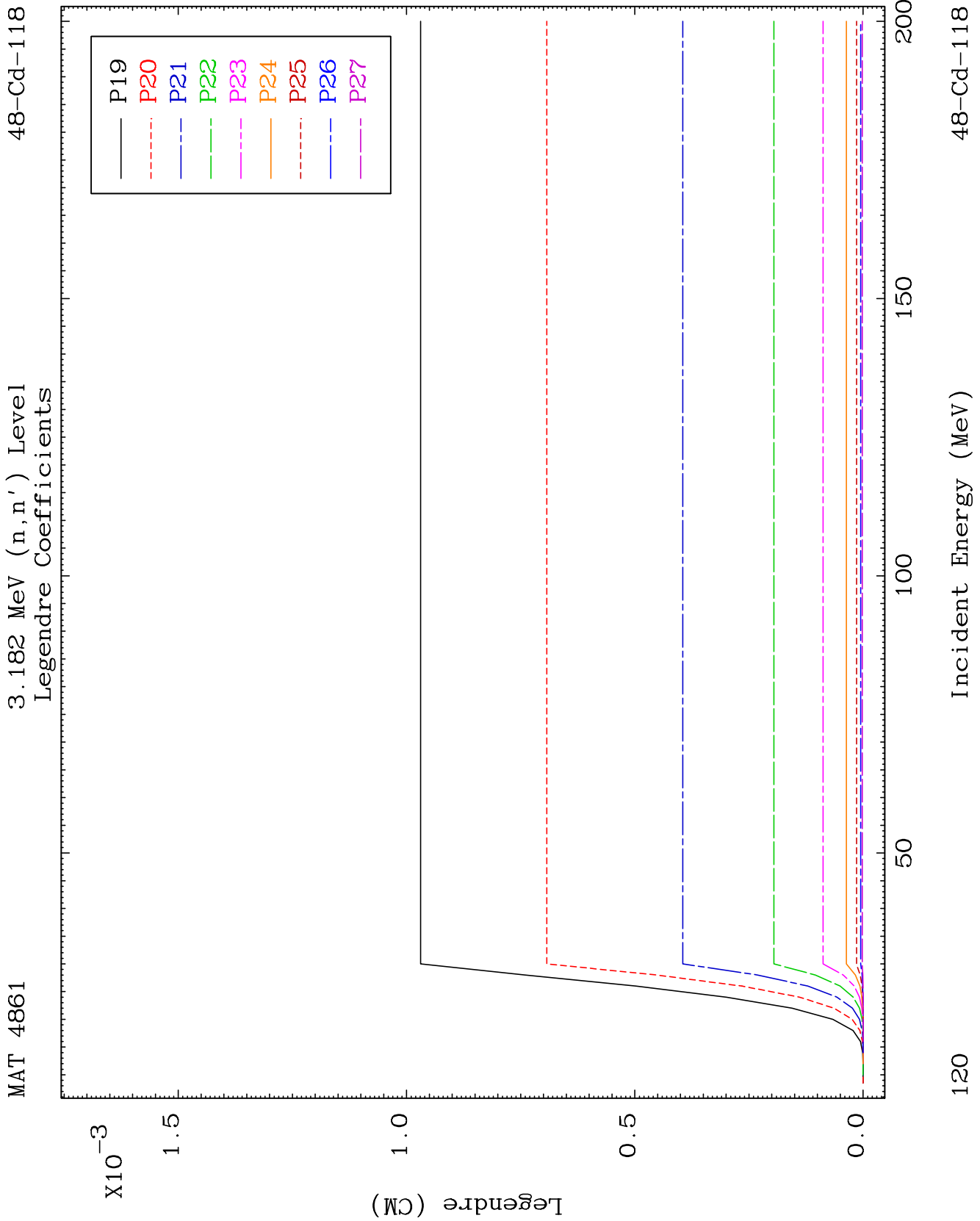


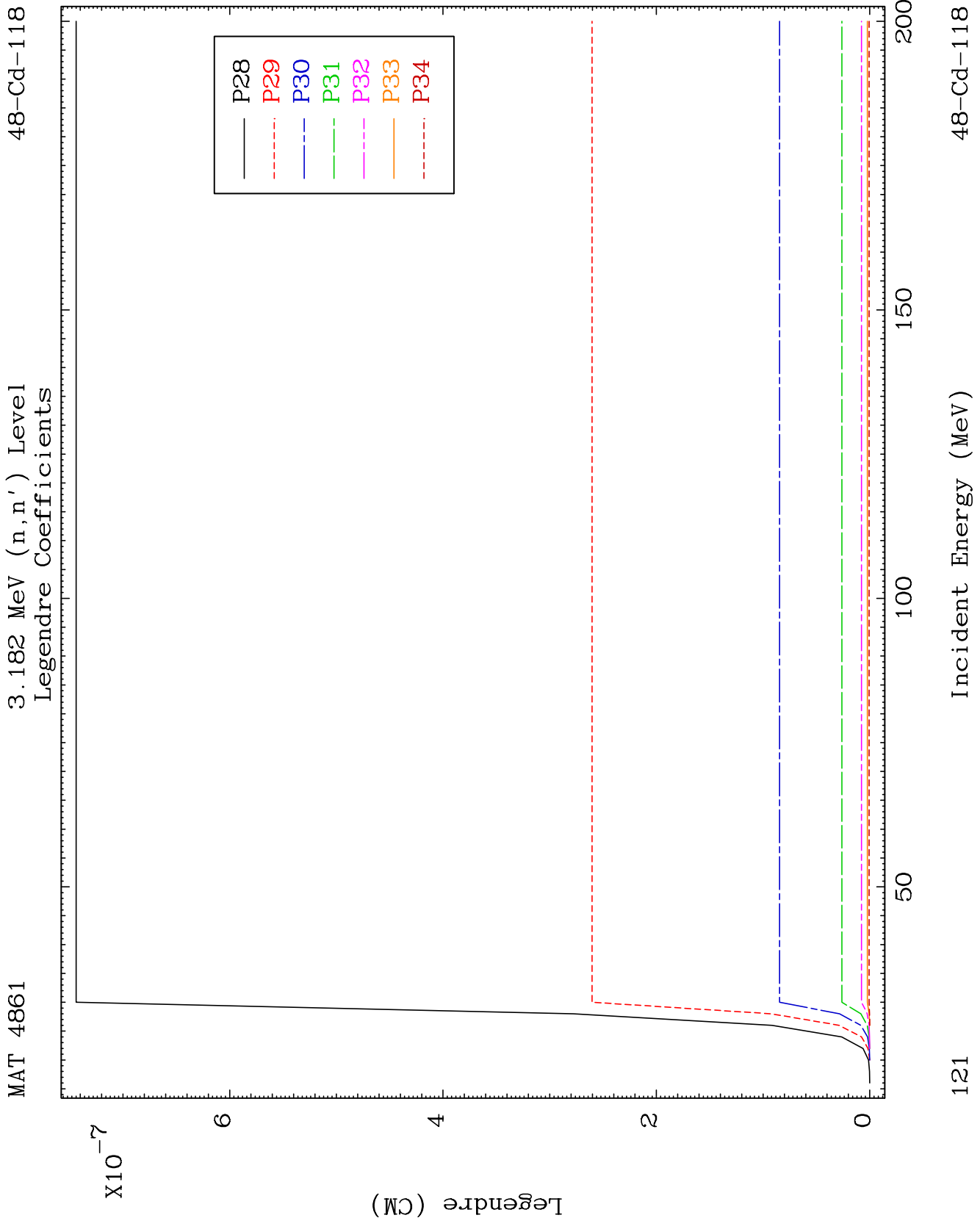


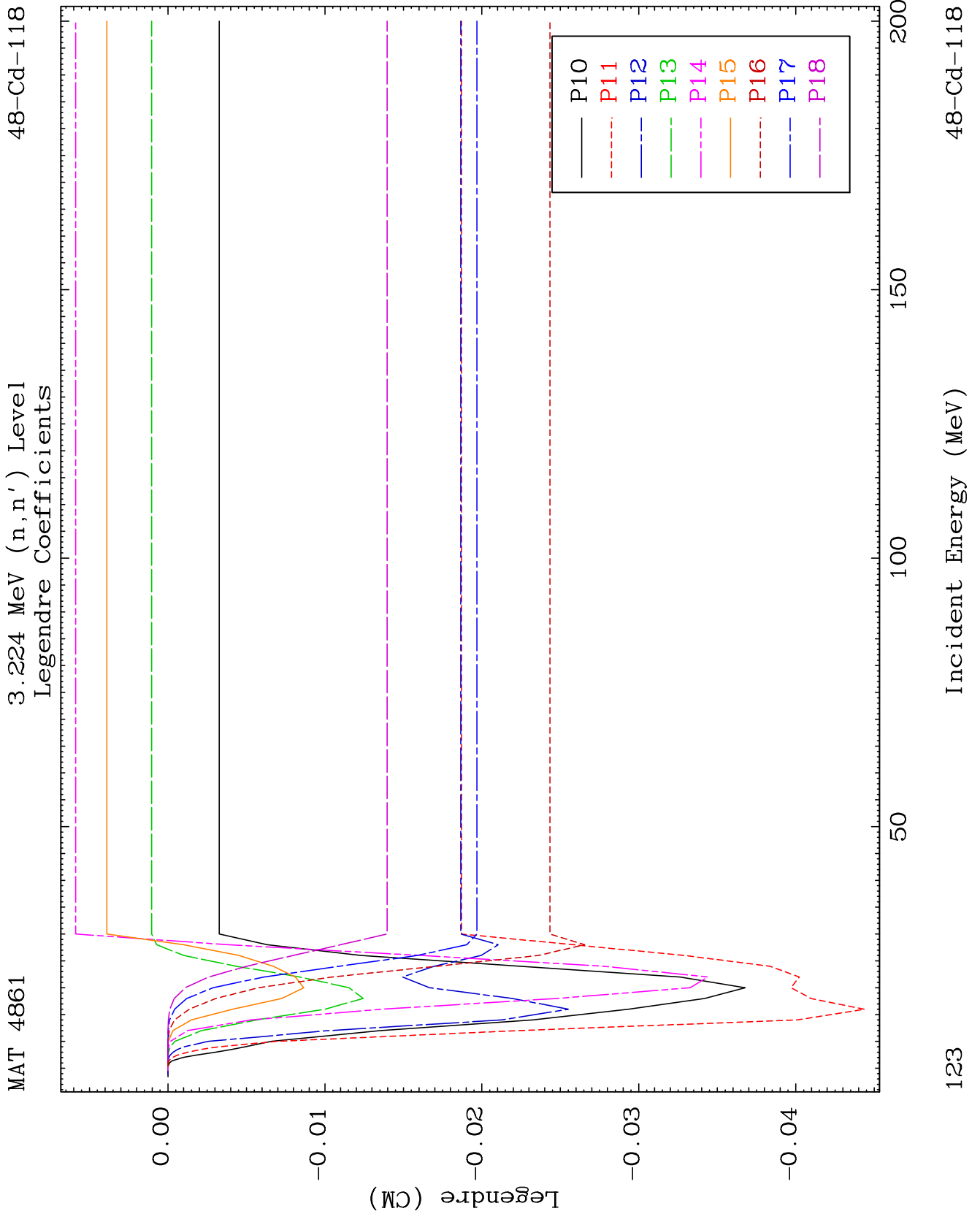


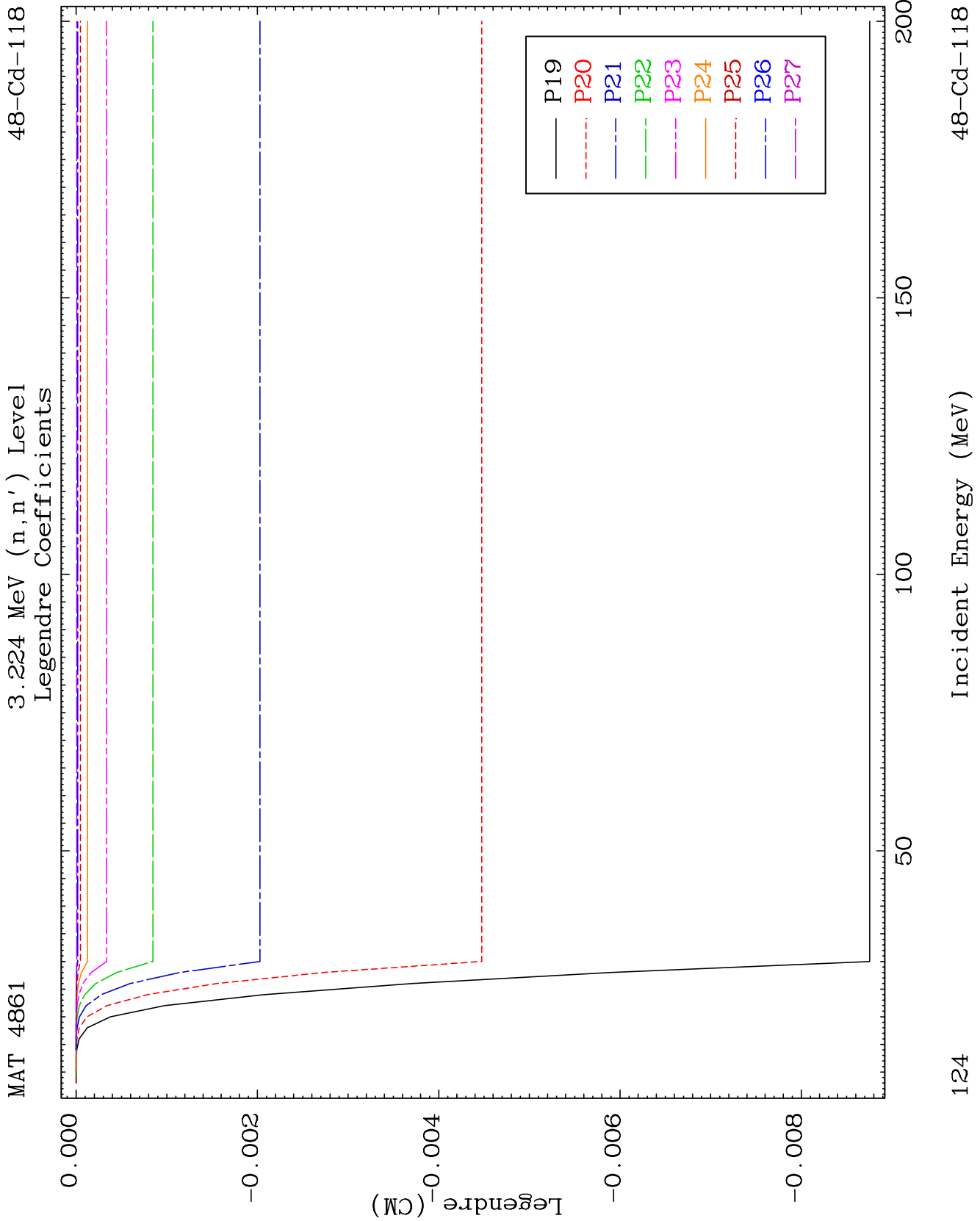


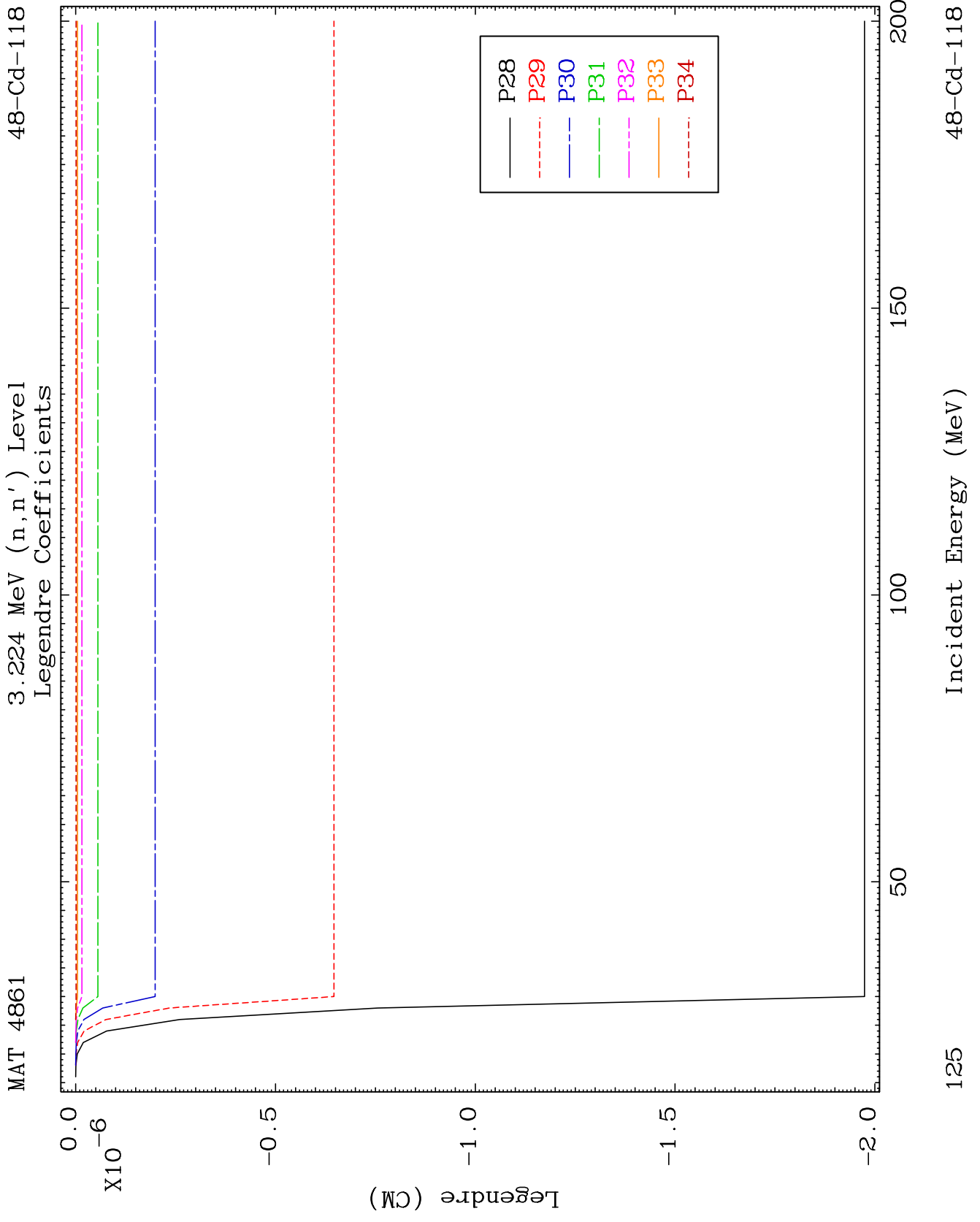




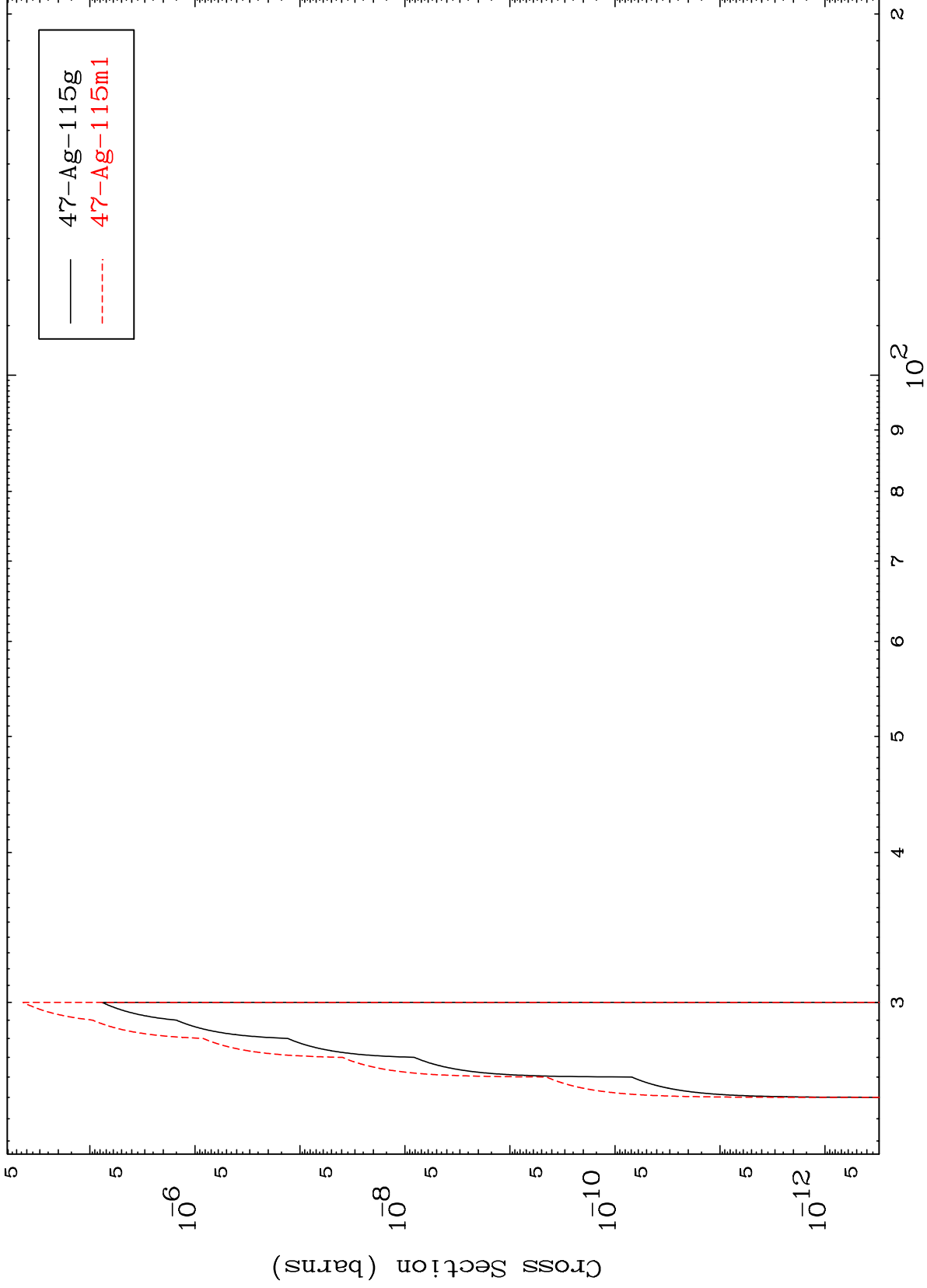








Radionuclide Production Cross Section

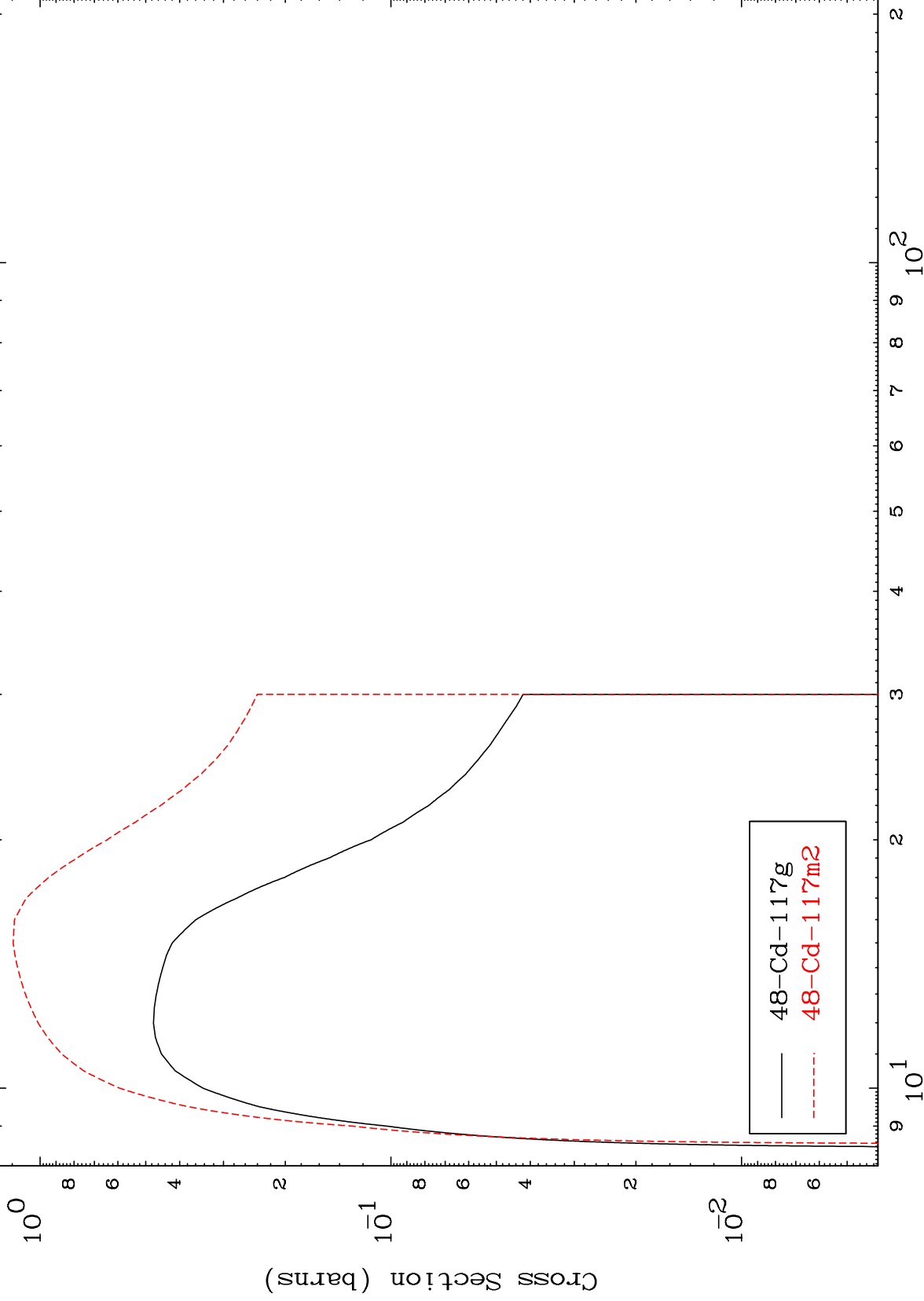


MAT 4861

(n,2n)

48-Cd-118

Radionuclide Production Cross Section



127

Incident Energy (MeV)

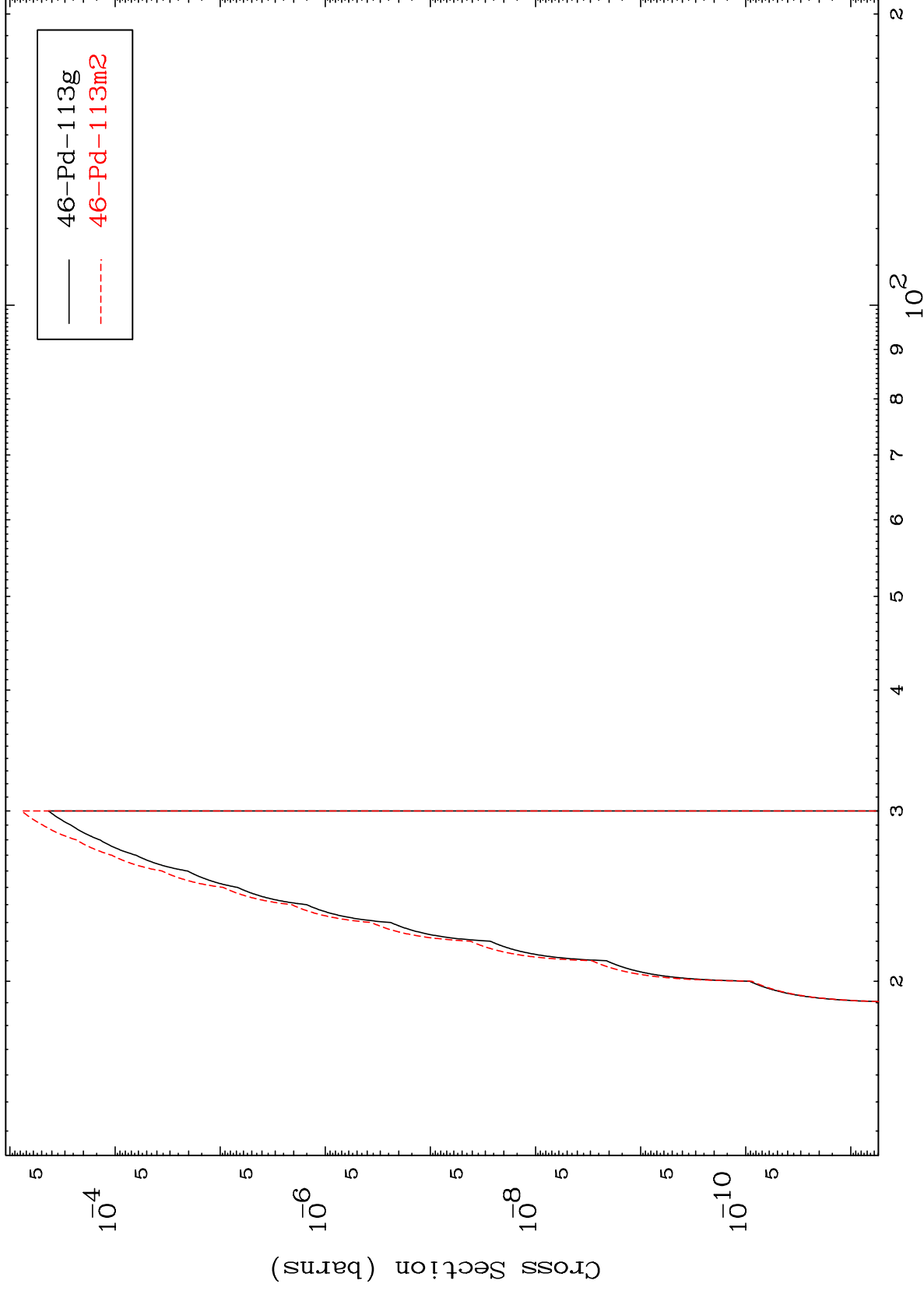
48-Cd-118

MAT 4861

(n,2n) α

48-Cd-118

Radionuclide Production Cross Section

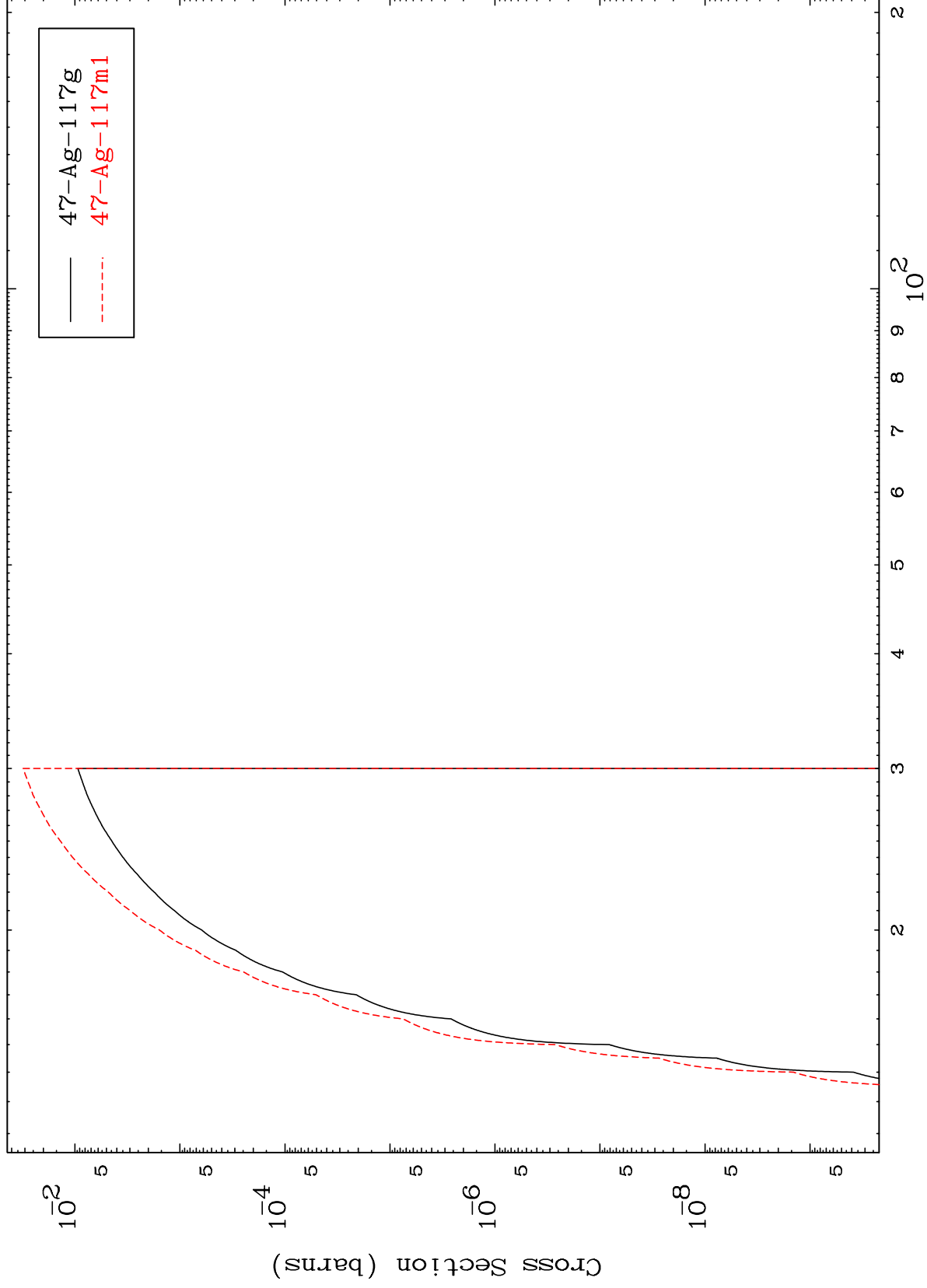


128

Incident Energy (MeV)

48-Cd-118

Radionuclide Production Cross Section

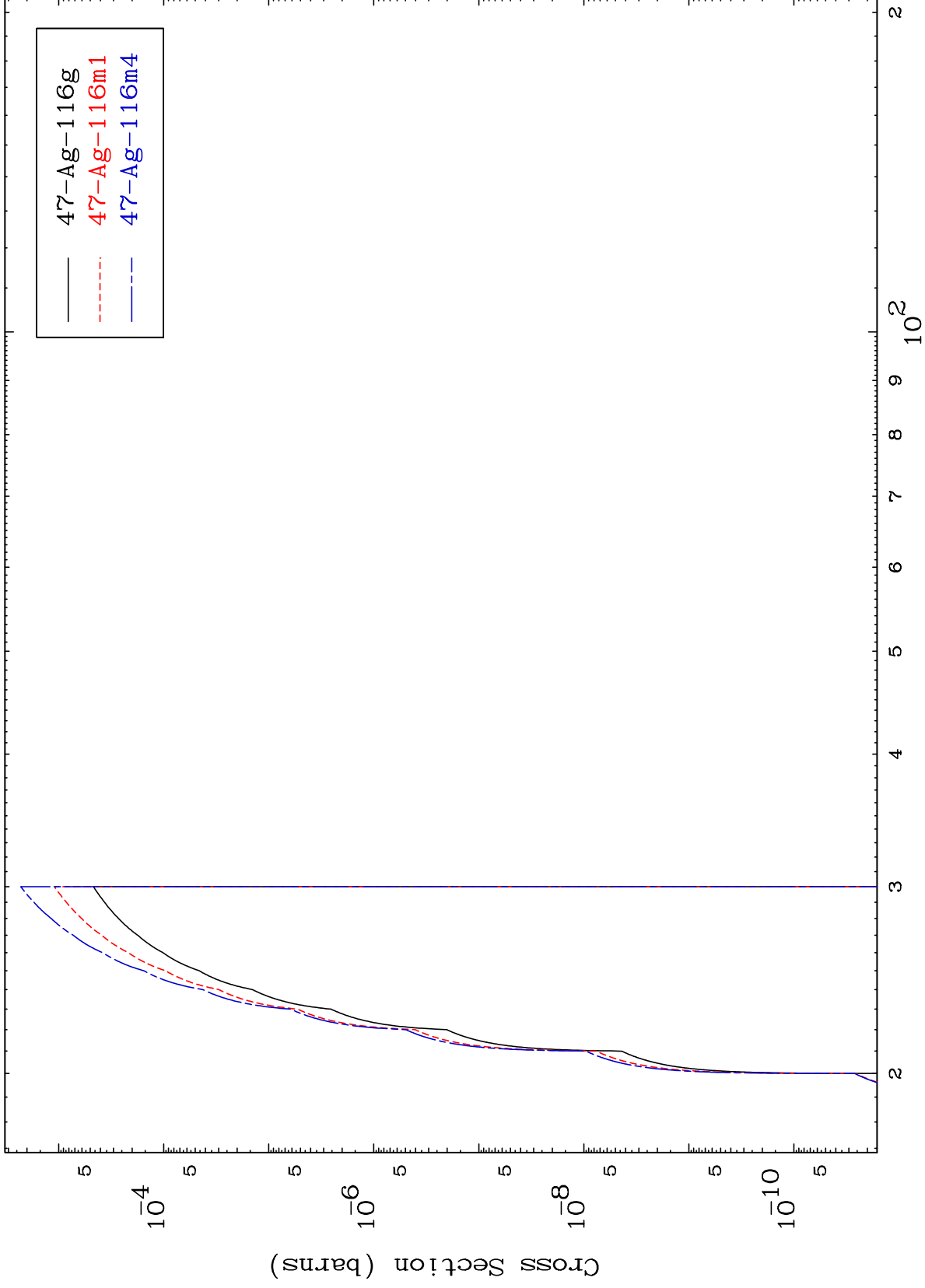


MAT 4861

(n,n') d

48-Cd-118

Radionuclide Production Cross Section



130

Incident Energy (MeV)

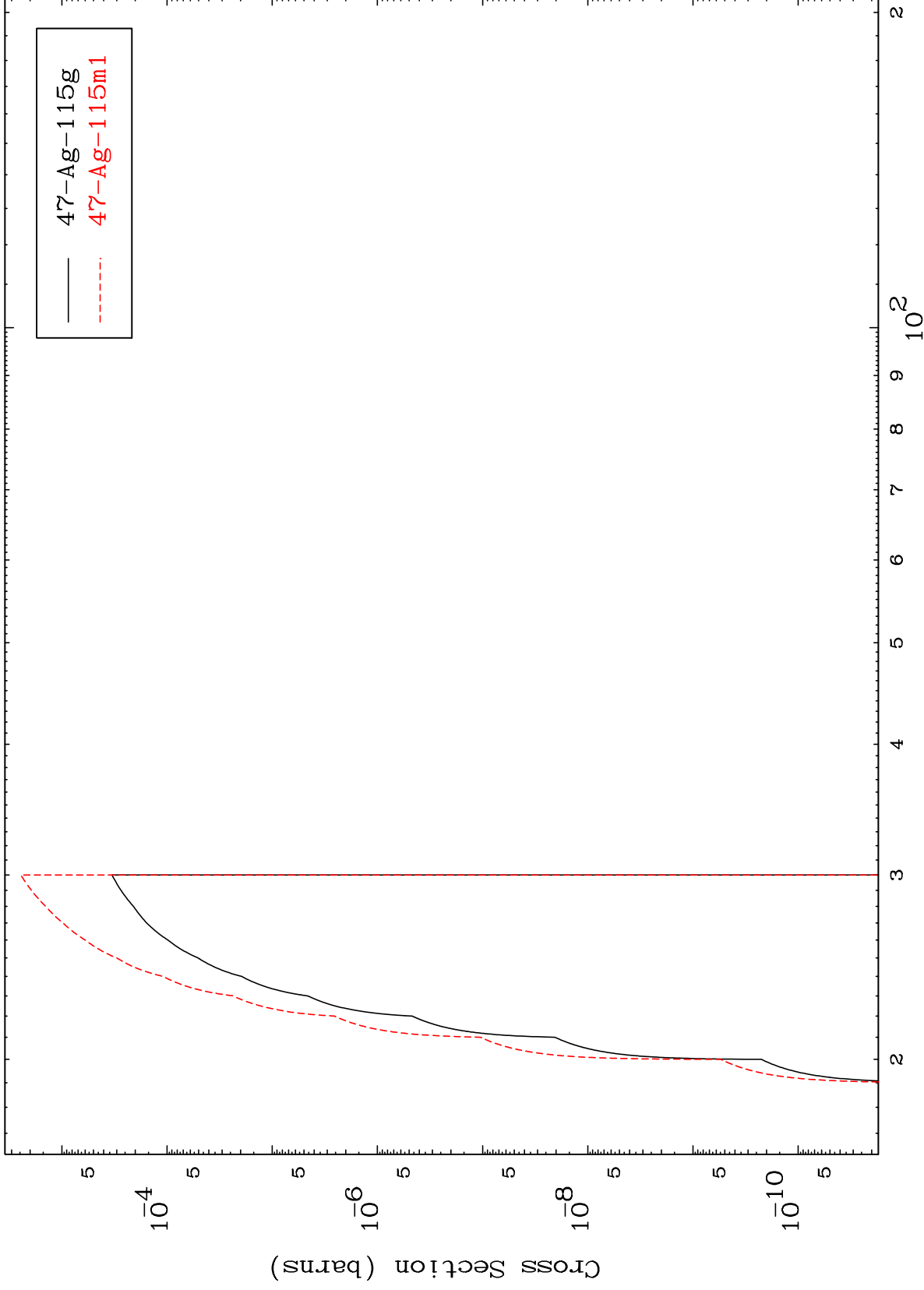
48-Cd-118

MAT 4861

(n,n') t

48-Cd-118

Radionuclide Production Cross Section



131

Incident Energy (MeV)

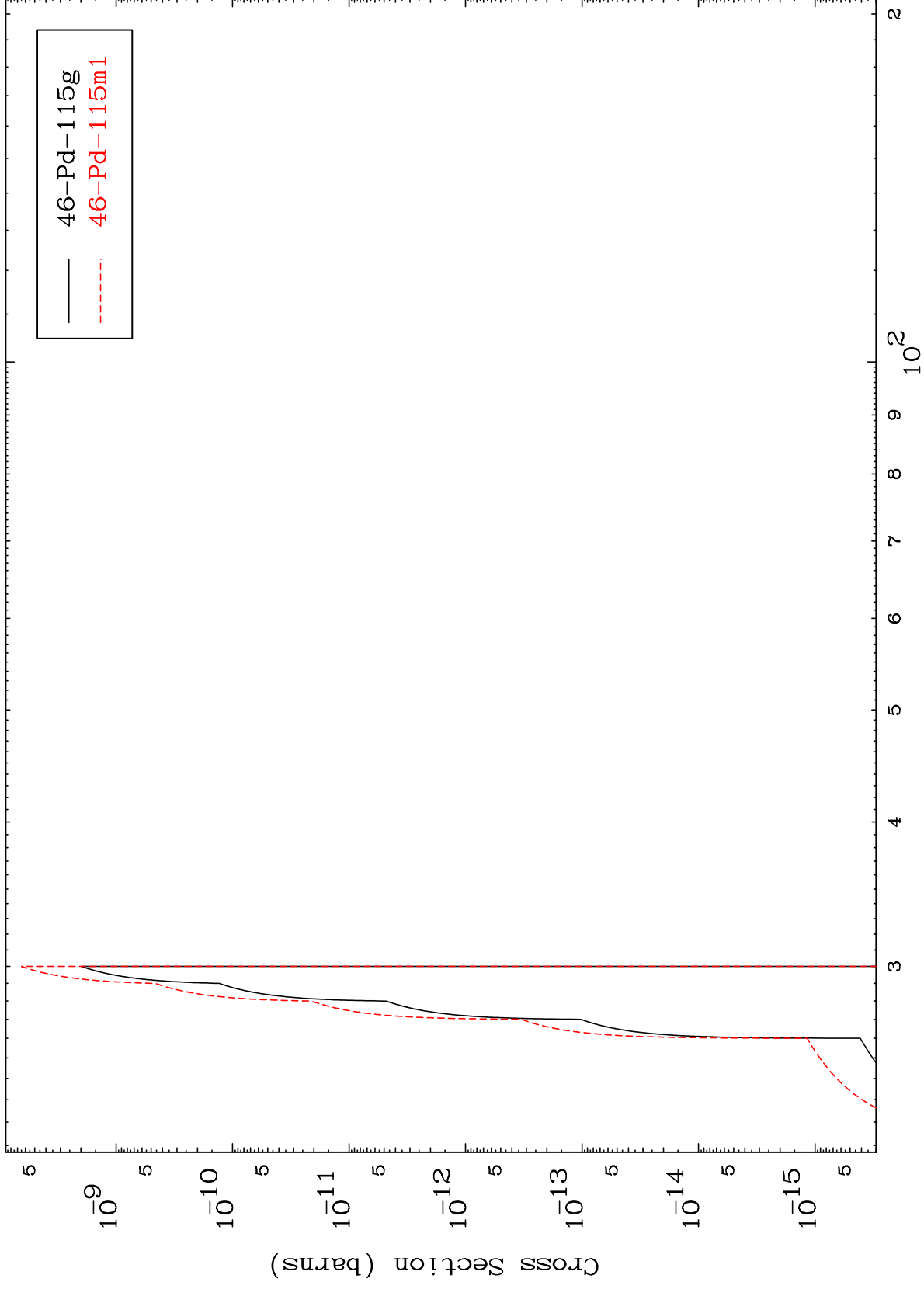
48-Cd-118

MAT 4861

(n,n') He-3

48-Cd-118

Radionuclide Production Cross Section



132

Incident Energy (MeV)

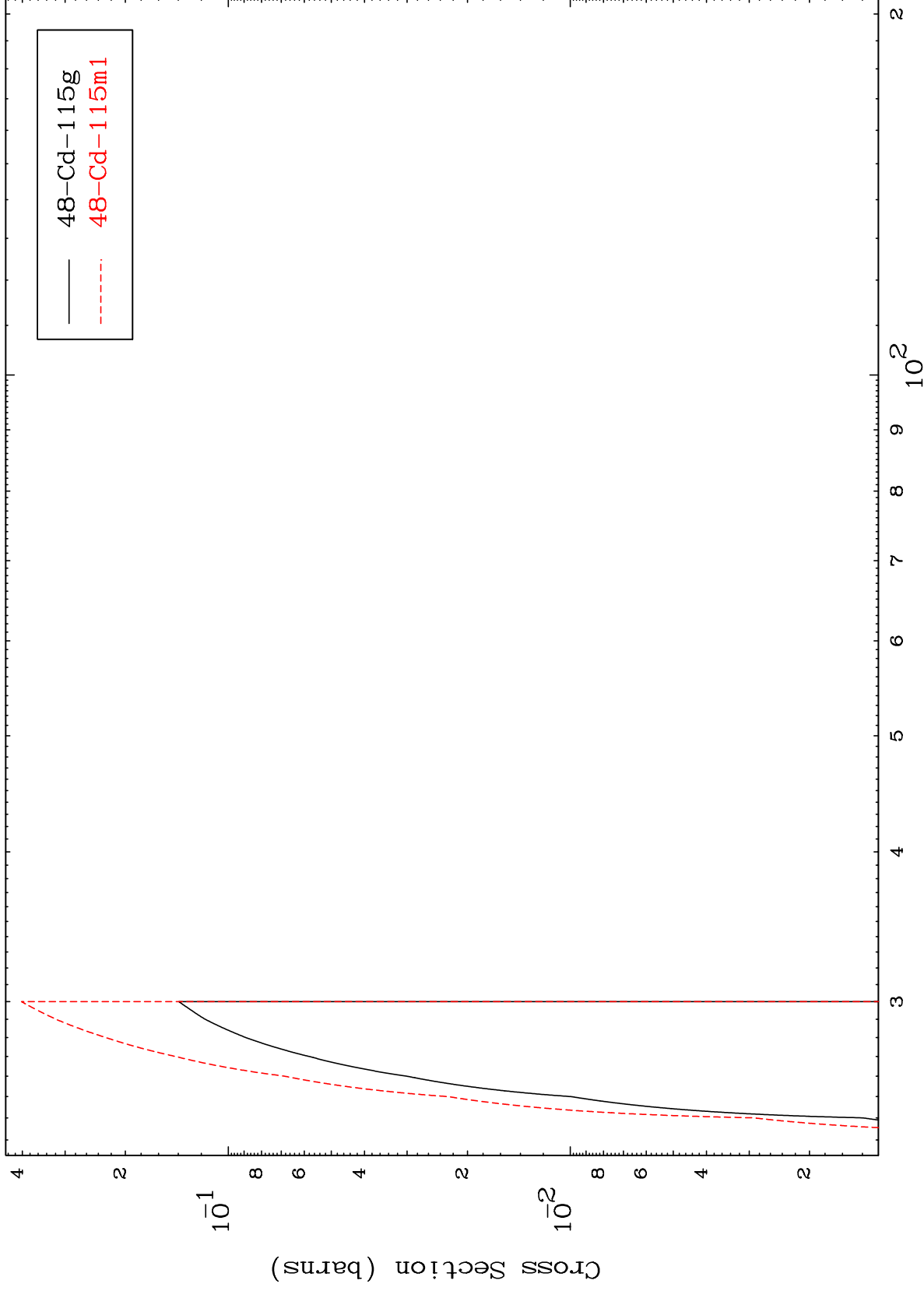
48-Cd-118

MAT 4861

(n,4n)

48-Cd-118

Radionuclide Production Cross Section



133

Incident Energy (MeV)

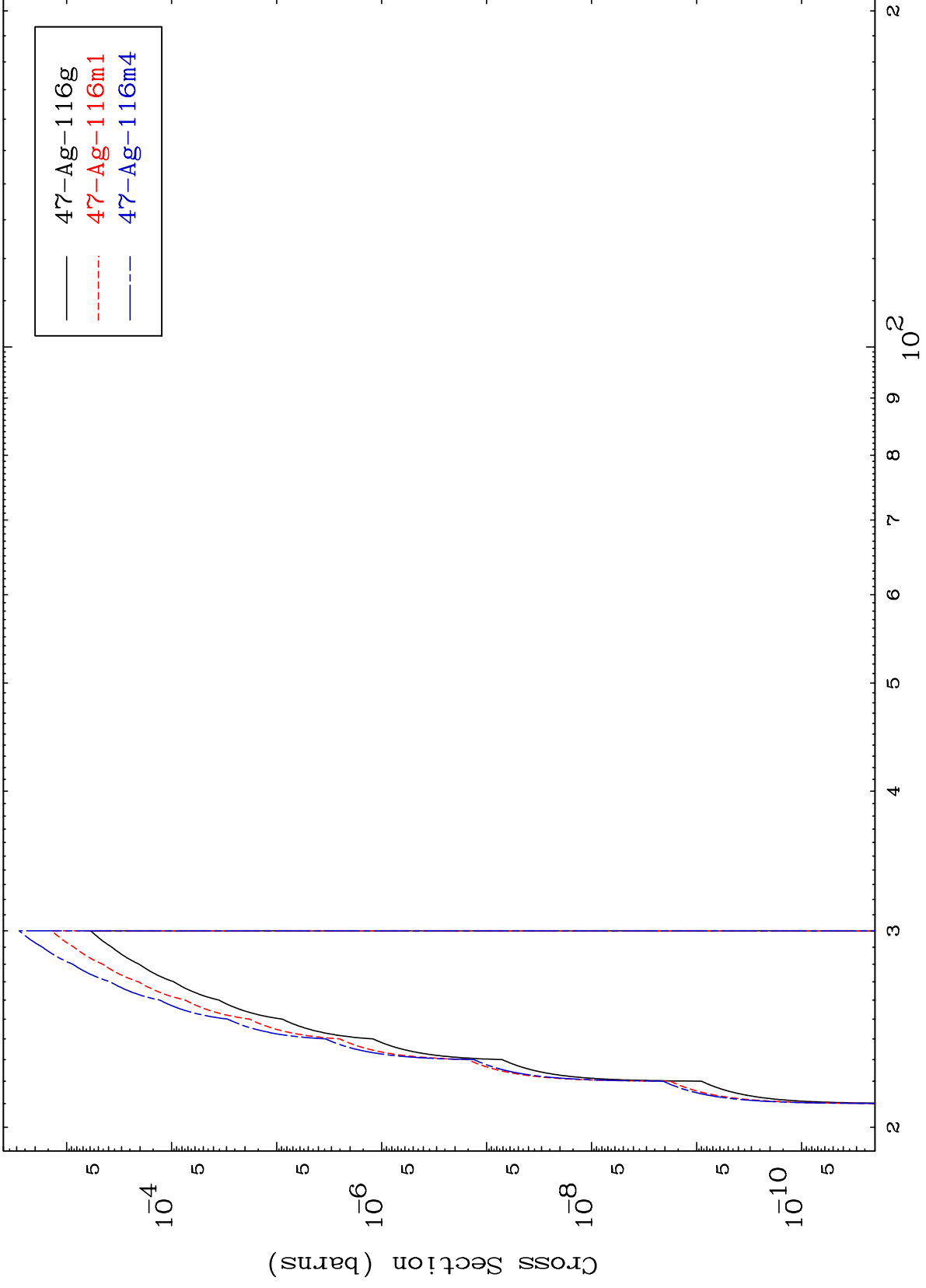
48-Cd-118

MAT 4861

(n,2n) p

48-Cd-118

Radionuclide Production Cross Section



134

Incident Energy (MeV)

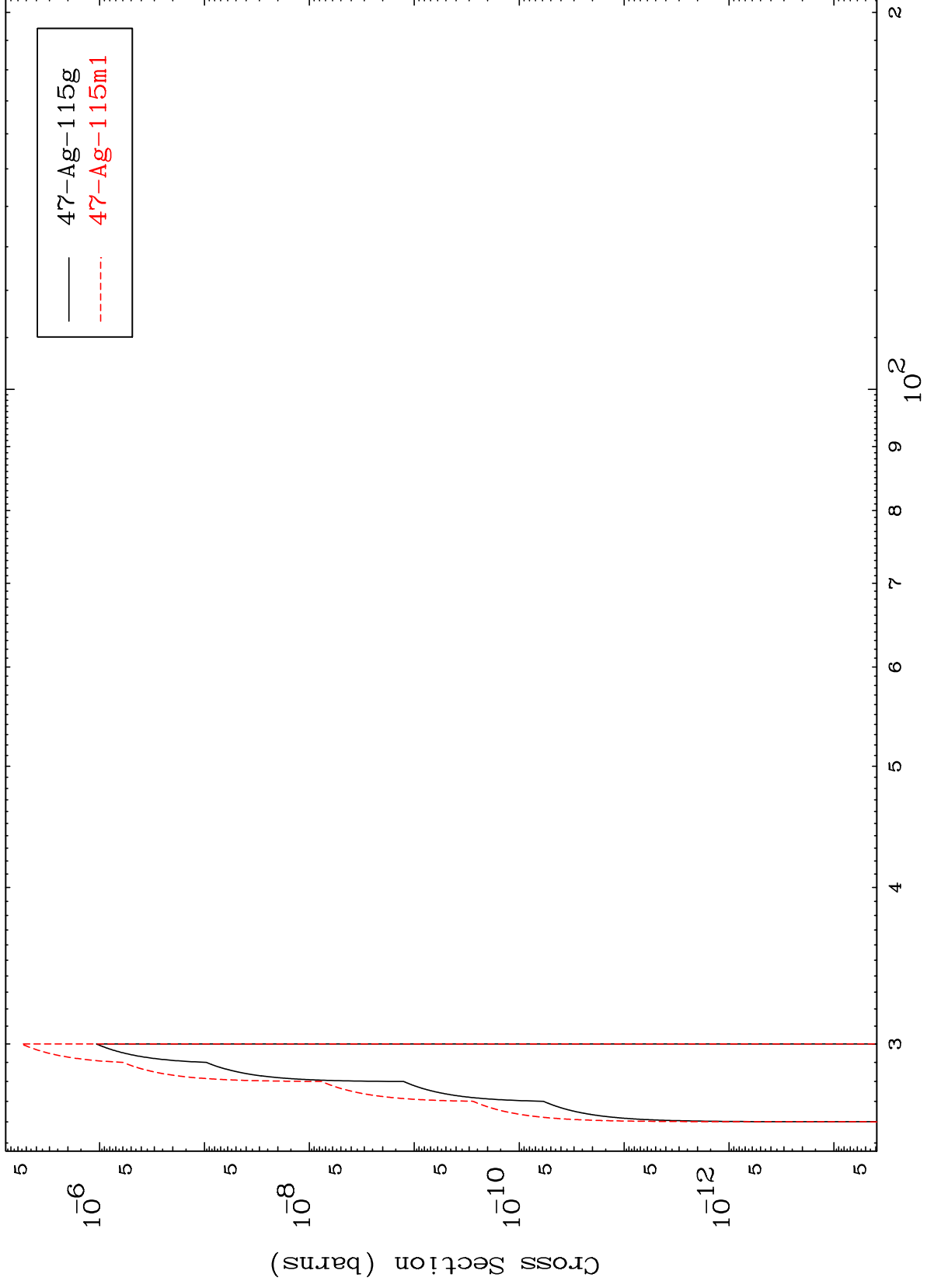
48-Cd-118

MAT 4861

(n,3n) p

48-Cd-118

Radionuclide Production Cross Section



135

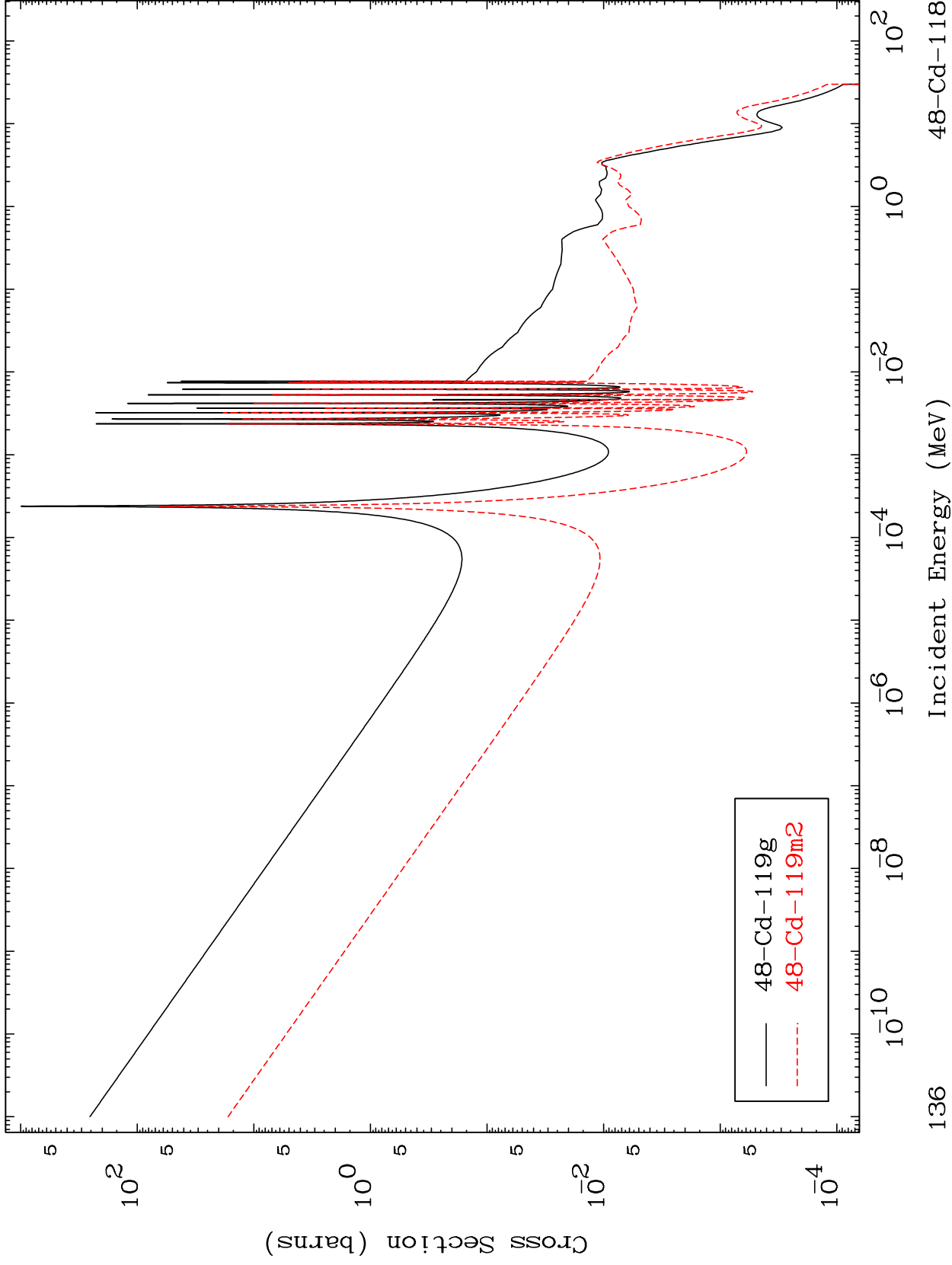
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

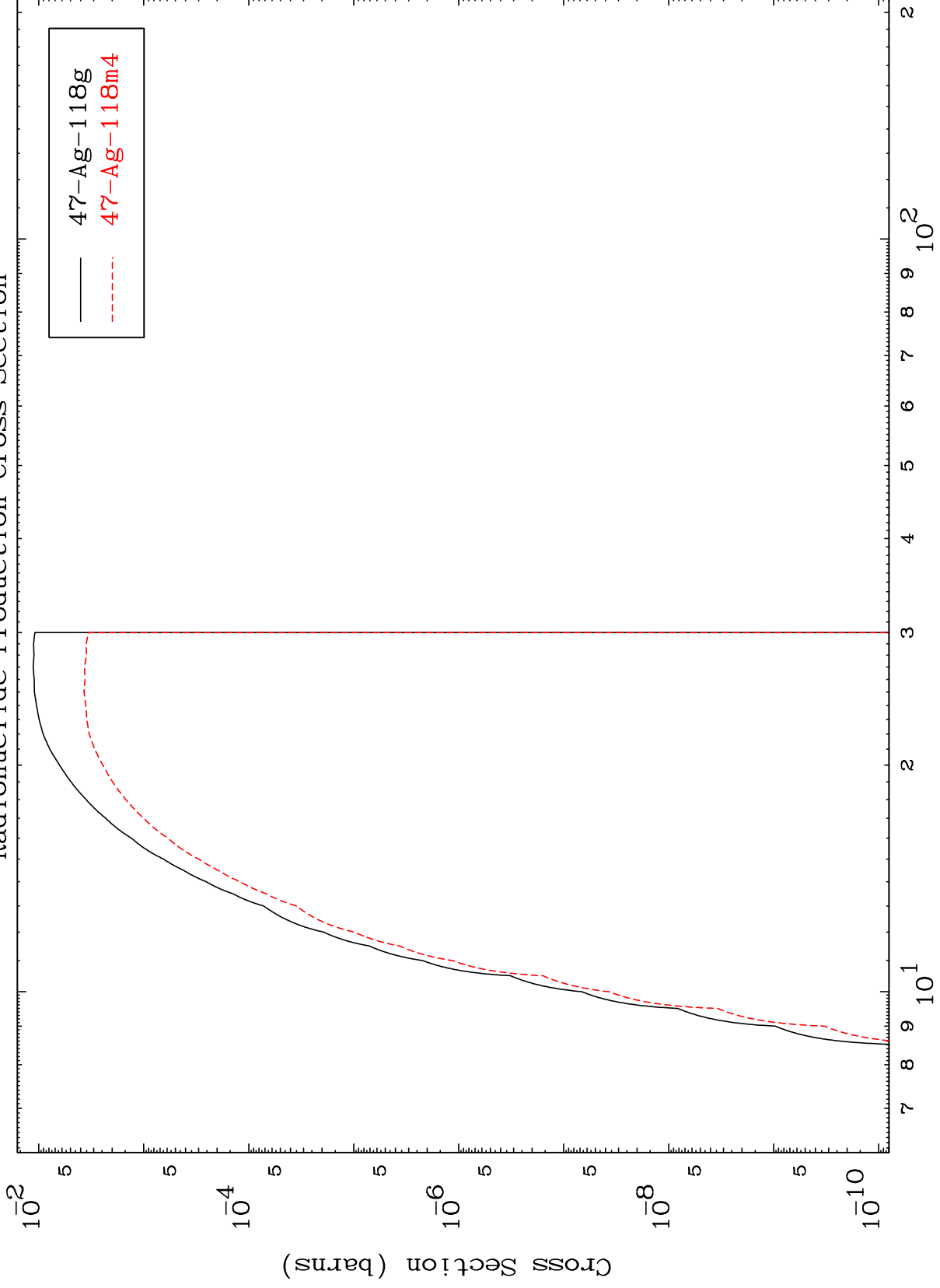
(n,γ)
Radionuclide Production Cross Section



MAT 4861

48-Cd-118

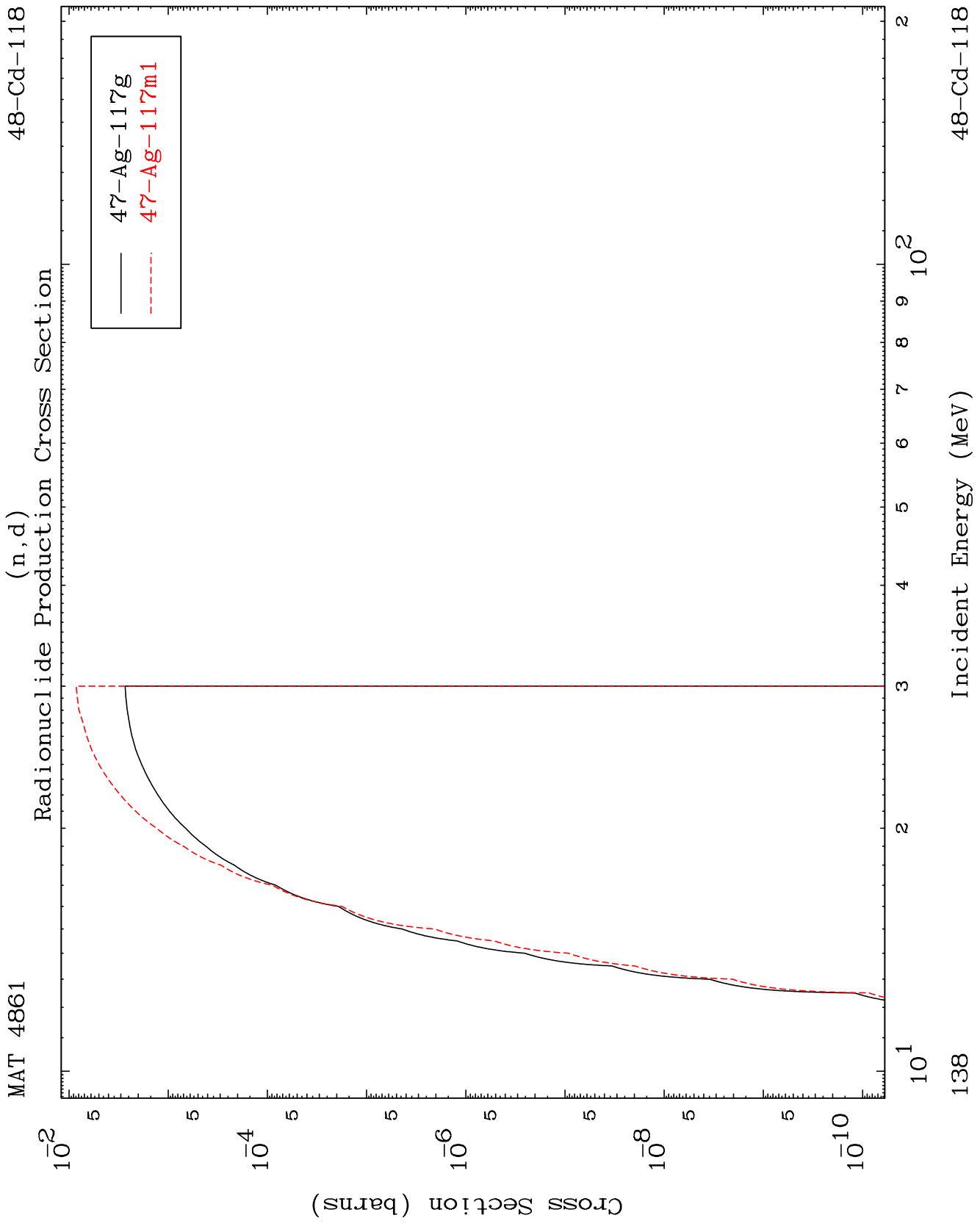
(n,p)
Radionuclide Production Cross Section



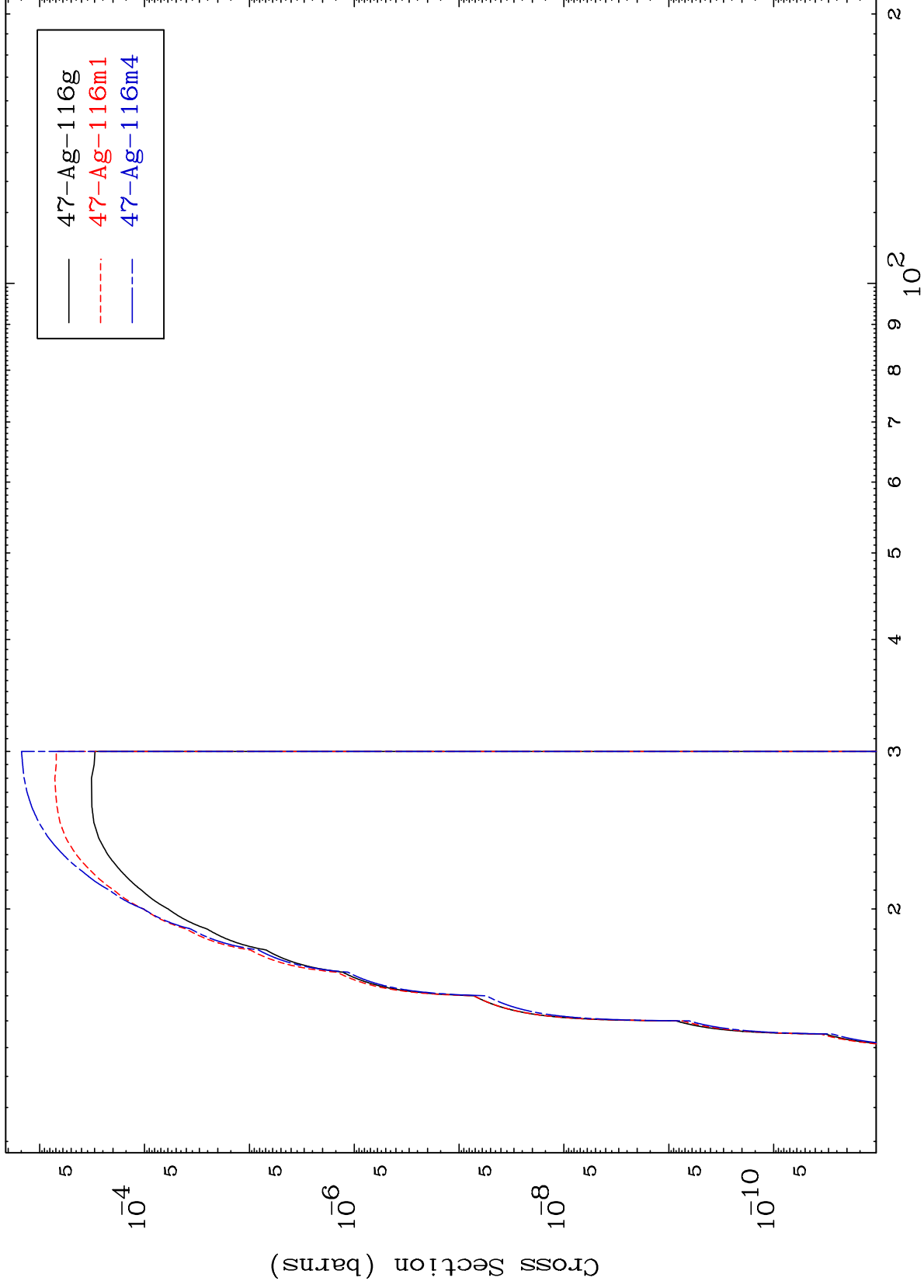
137

Incident Energy (MeV)

48-Cd-118



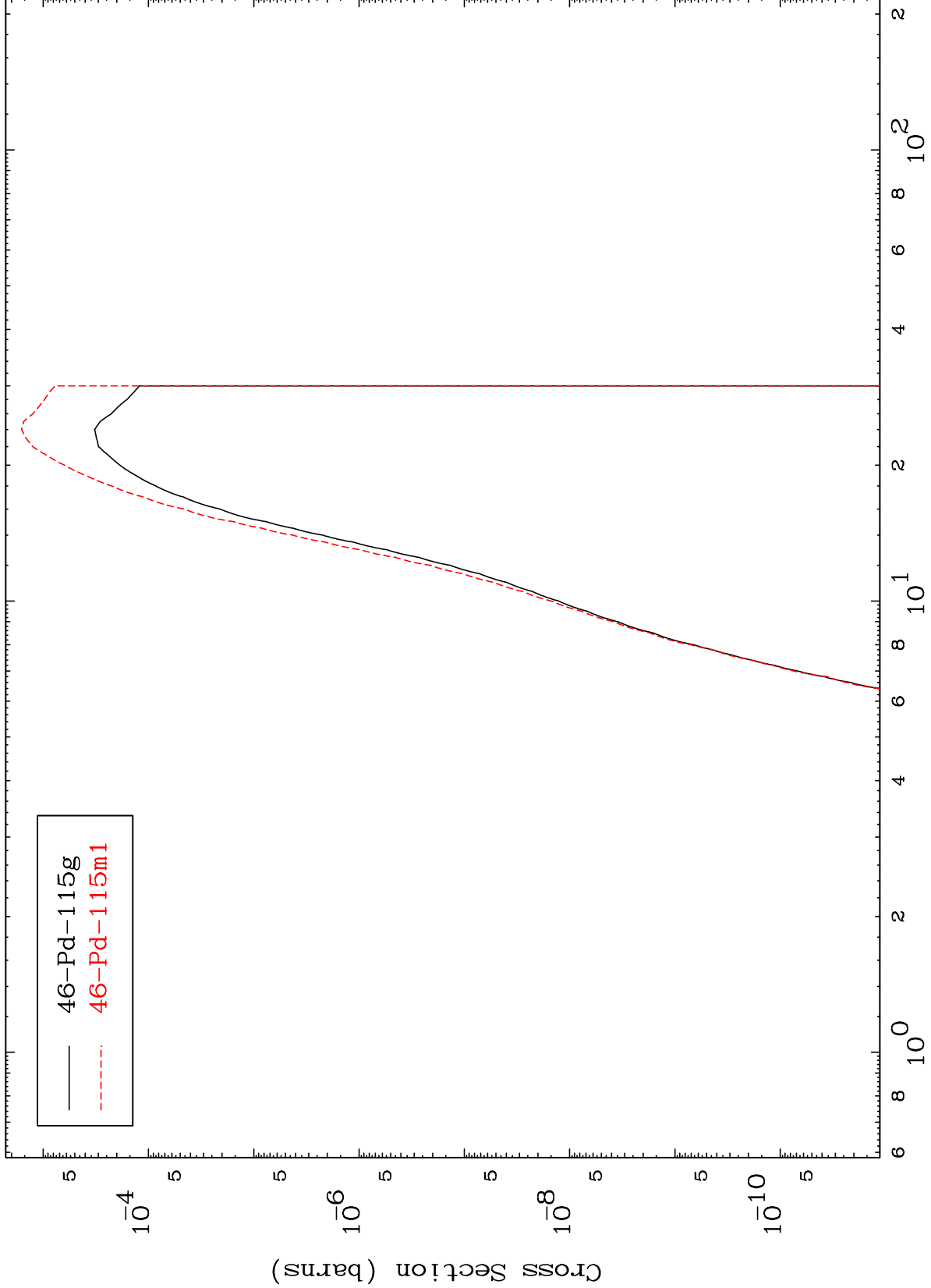
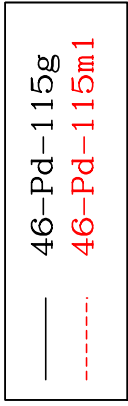
(n,t)
Radionuclide Production Cross Section



MAT 4861

48-Cd-118

Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-118

140