

Program EVALPLOT
(Version 2015-2)

by

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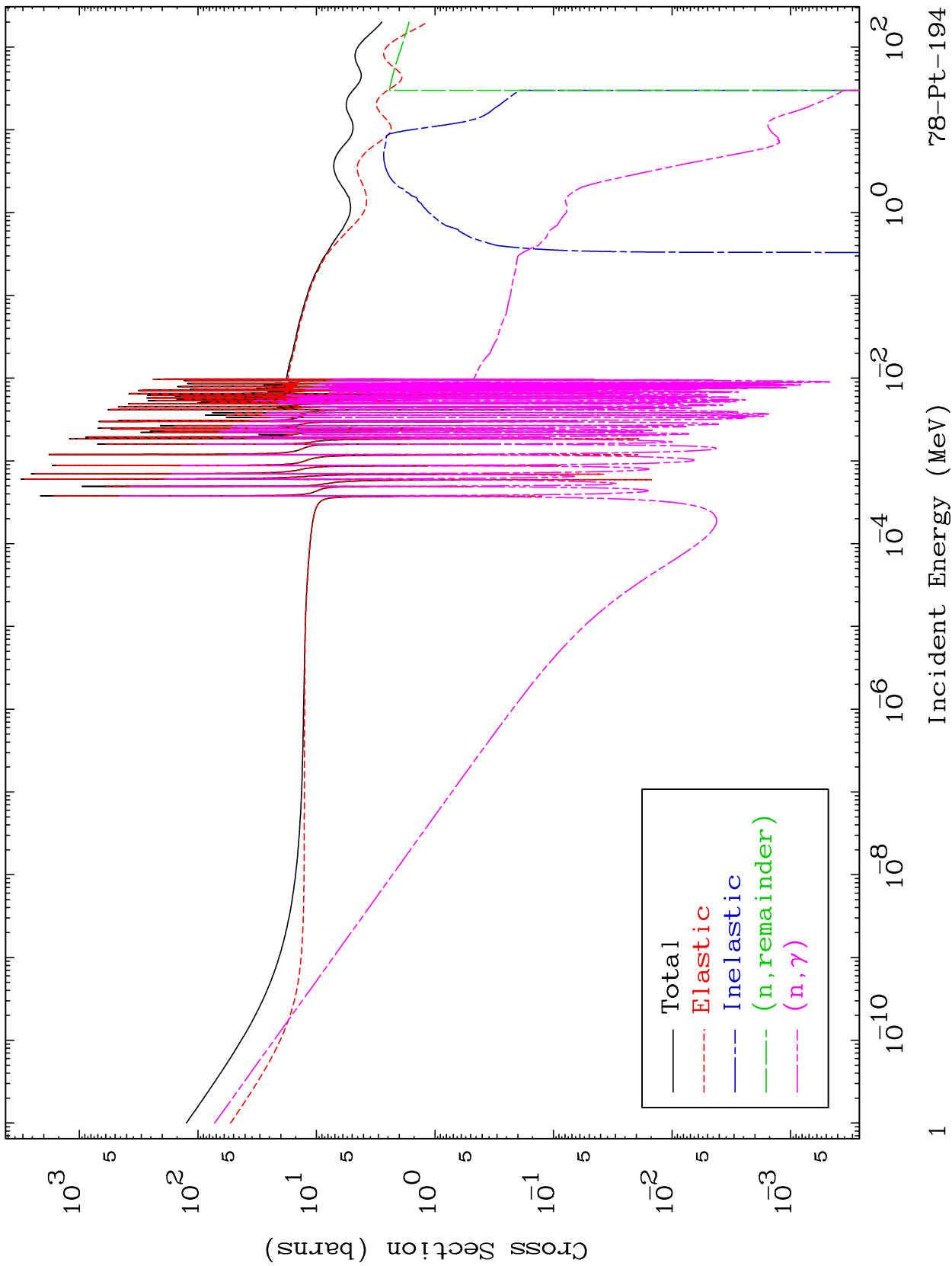
Press Mouse Button to Start

MAT 7837

Major

293 Kelvin Cross Sections

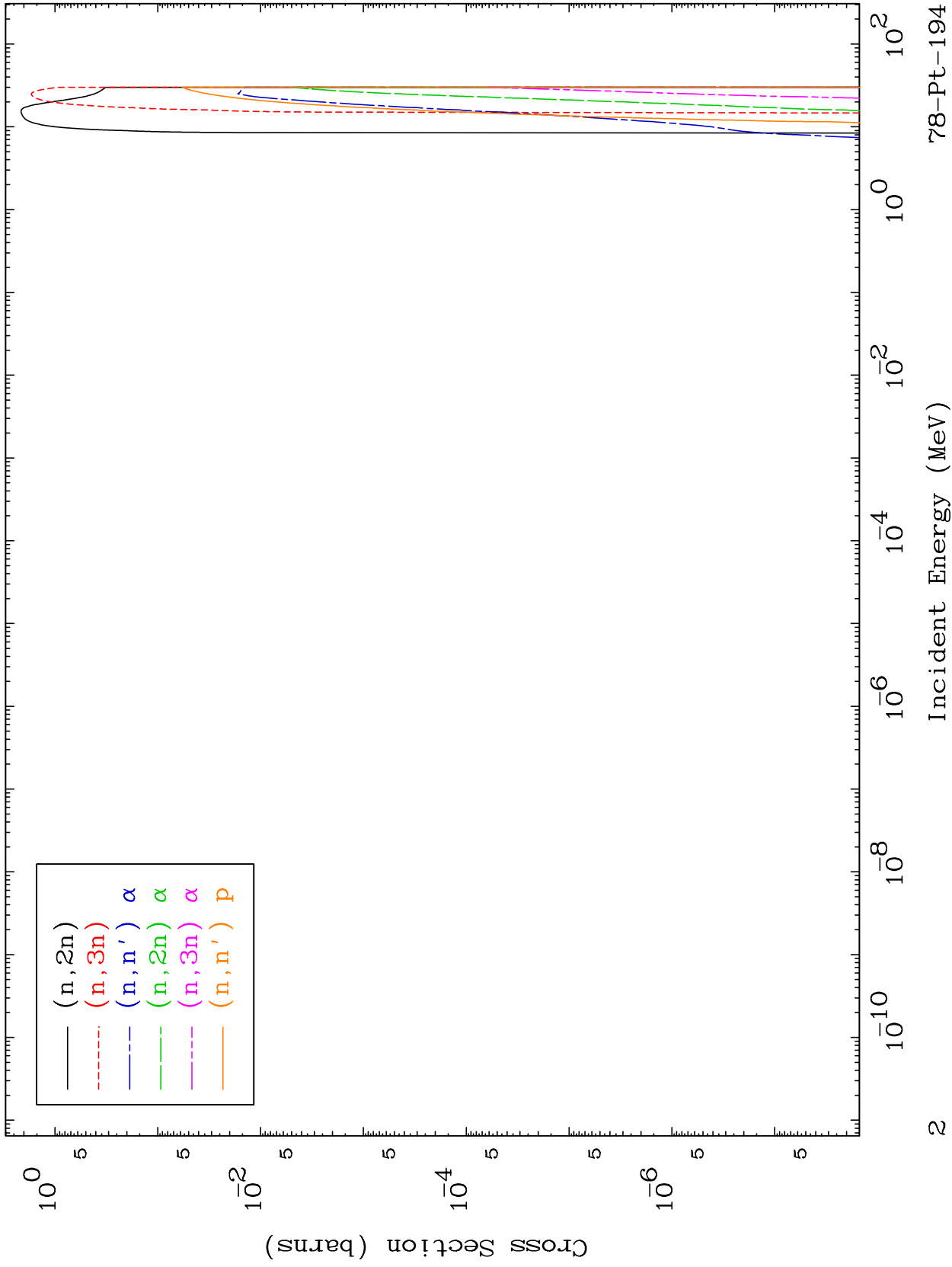
78-Pt-194

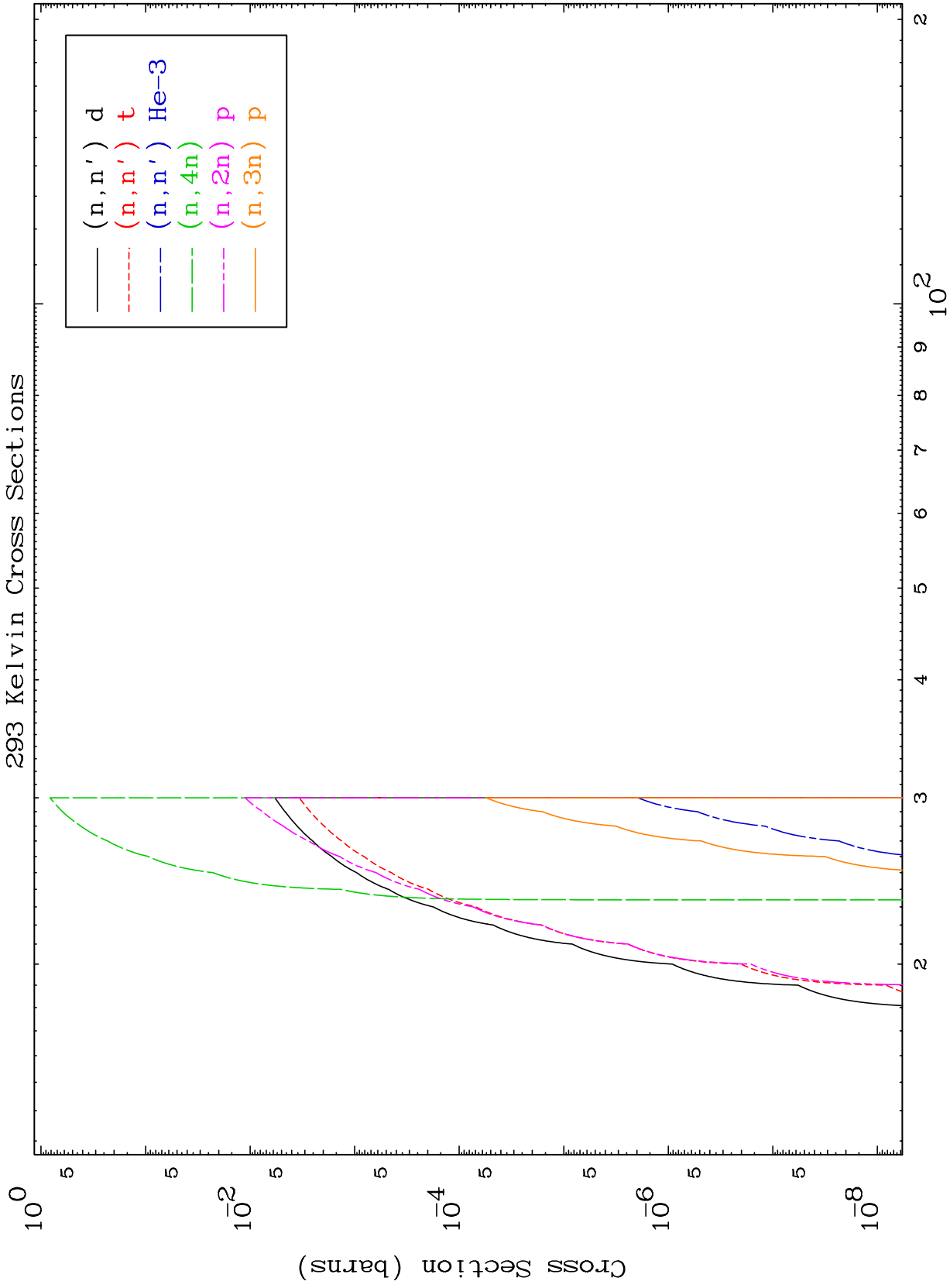


MAT 7837

Neutron Production
293 Kelvin Cross Sections

78-Pt-194

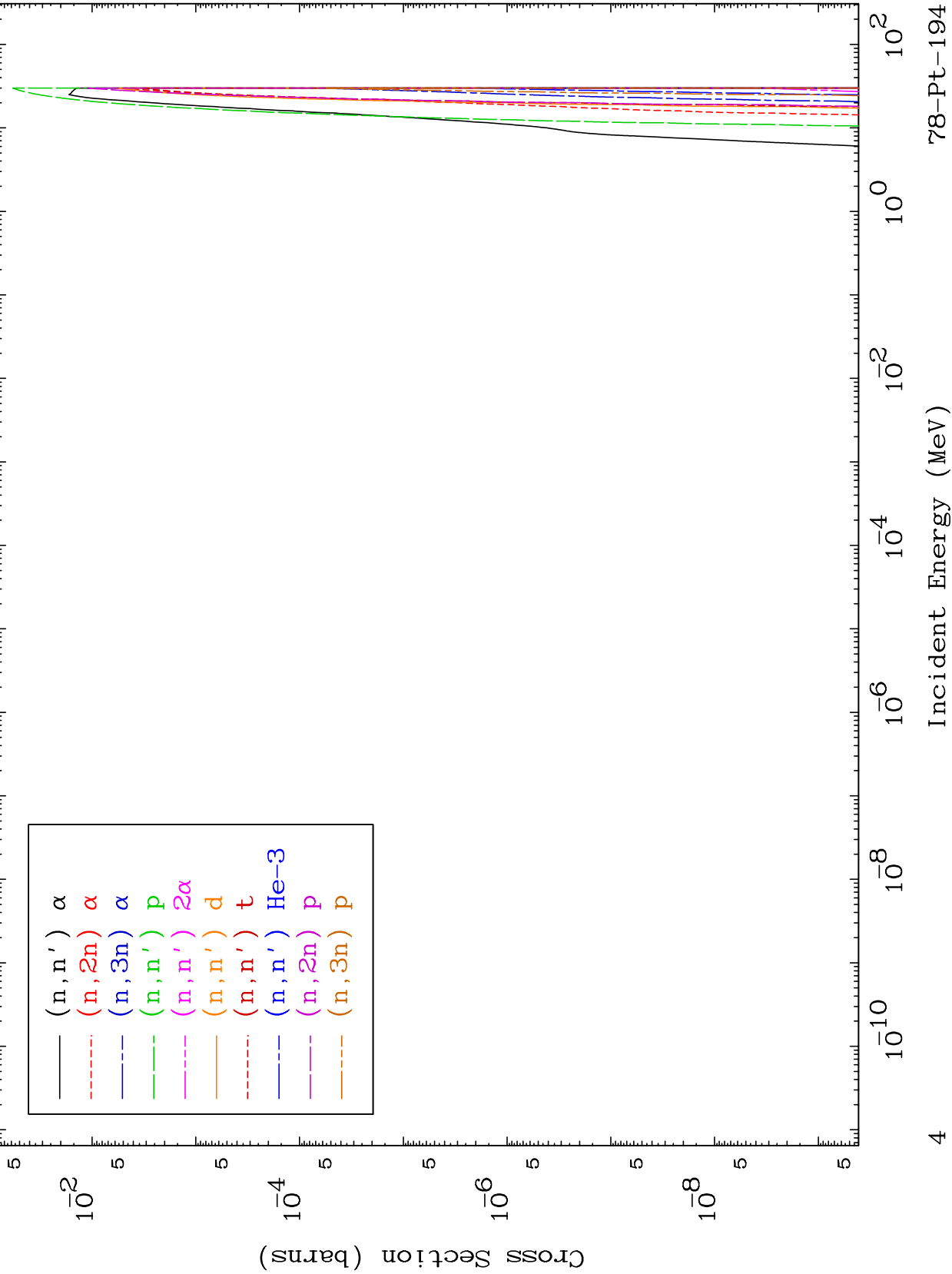




MAT 7837

Charged Particle
293 Kelvin Cross Sections

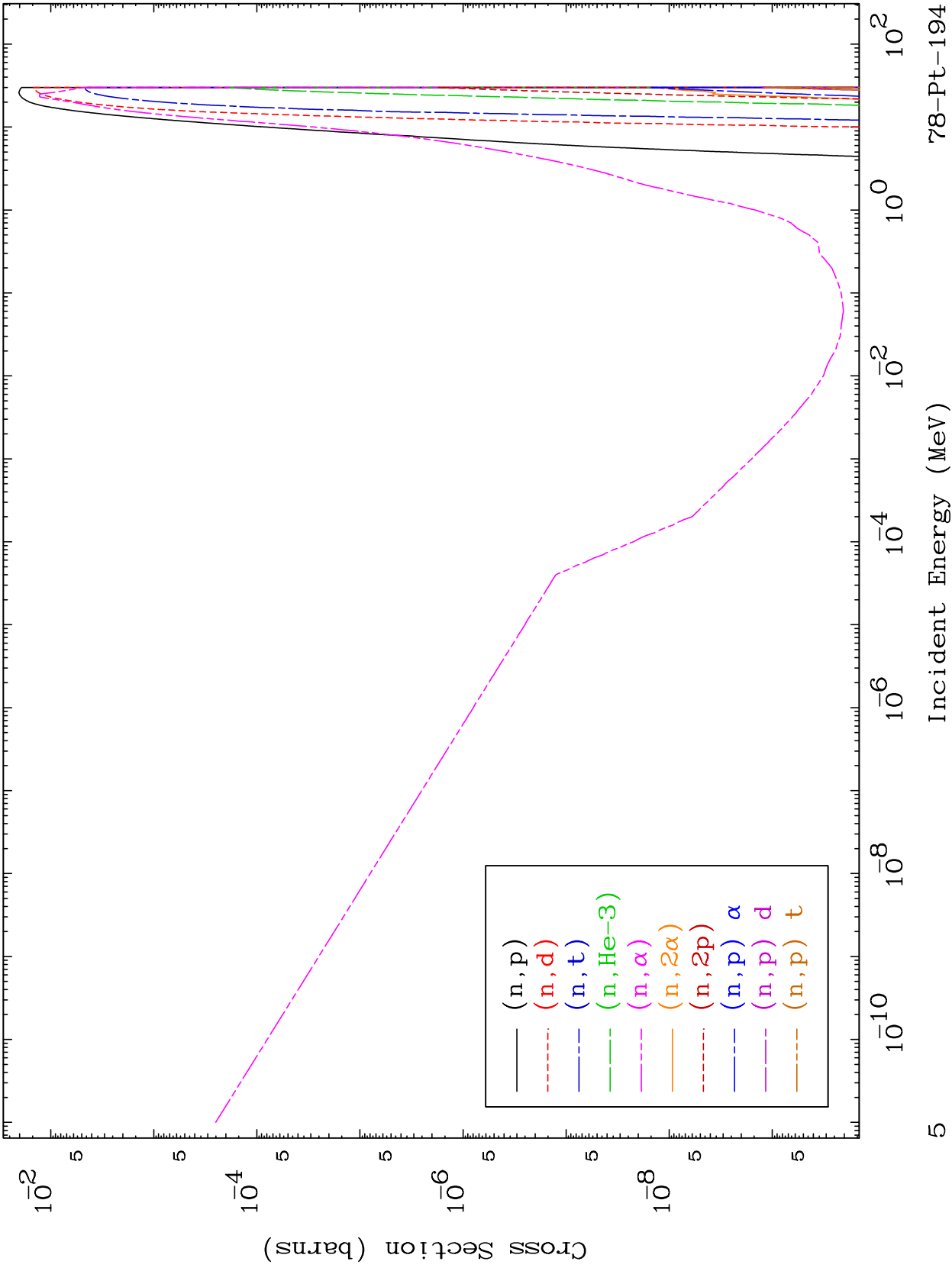
78-Pt-194



MAT 7837

Charged Particle
293 Kelvin Cross Sections

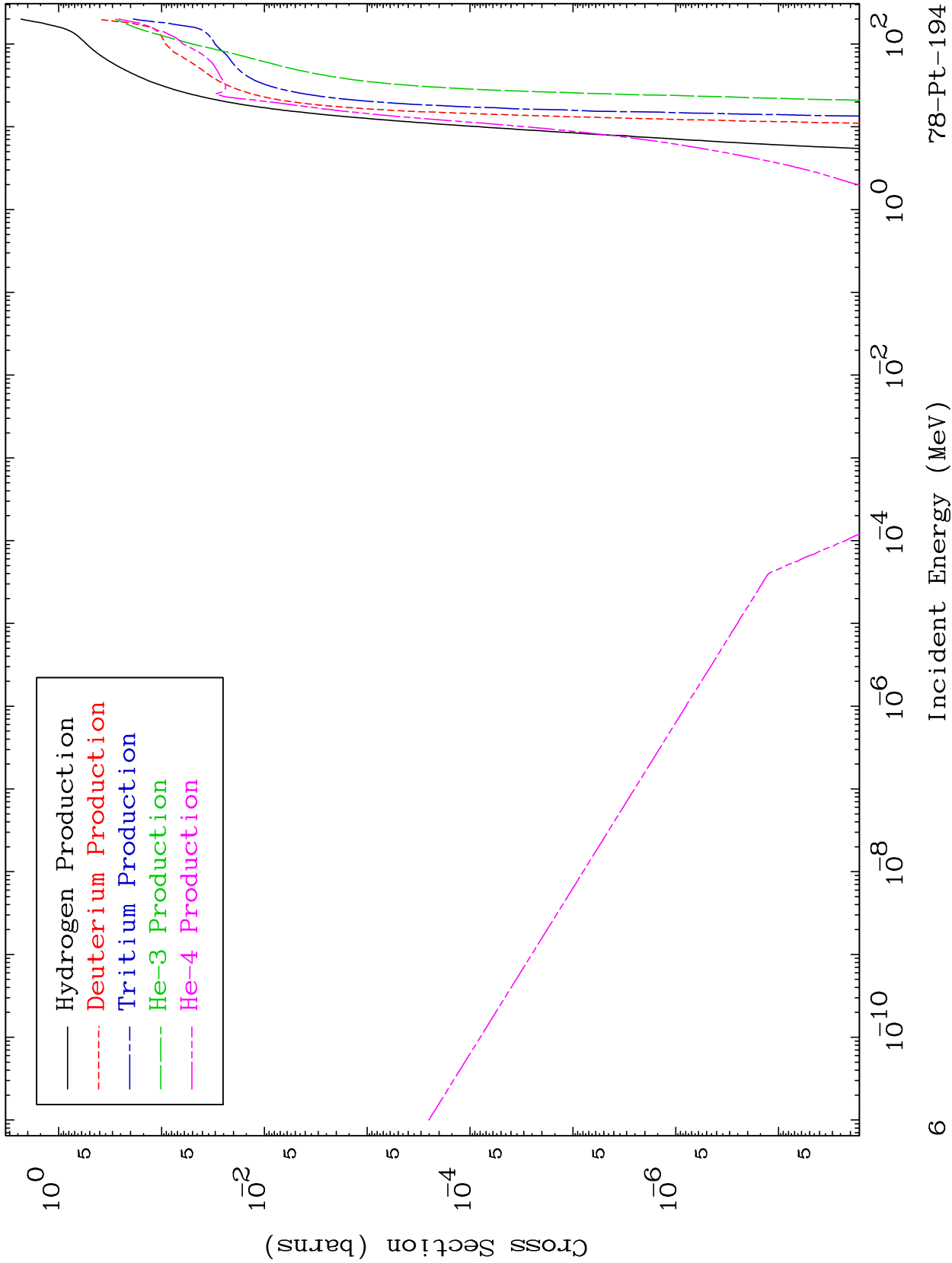
78-Pt-194



MAT 7837

Particle Production
293 Kelvin Cross Sections

78-Pt-194

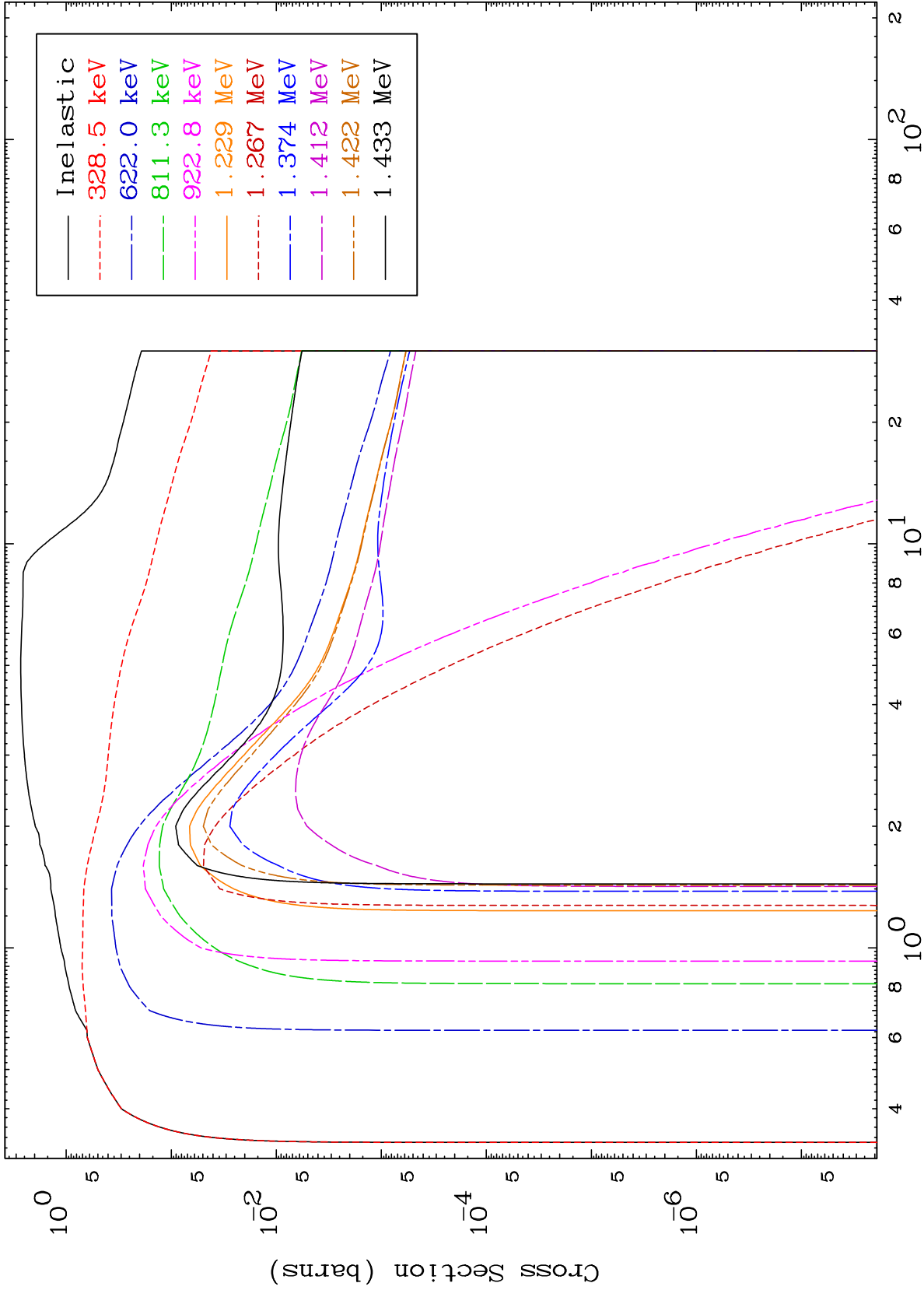


MAT 7837

(n,n') Level

78-Pt-194

293 Kelvin Cross Sections



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Incident Energy (MeV)

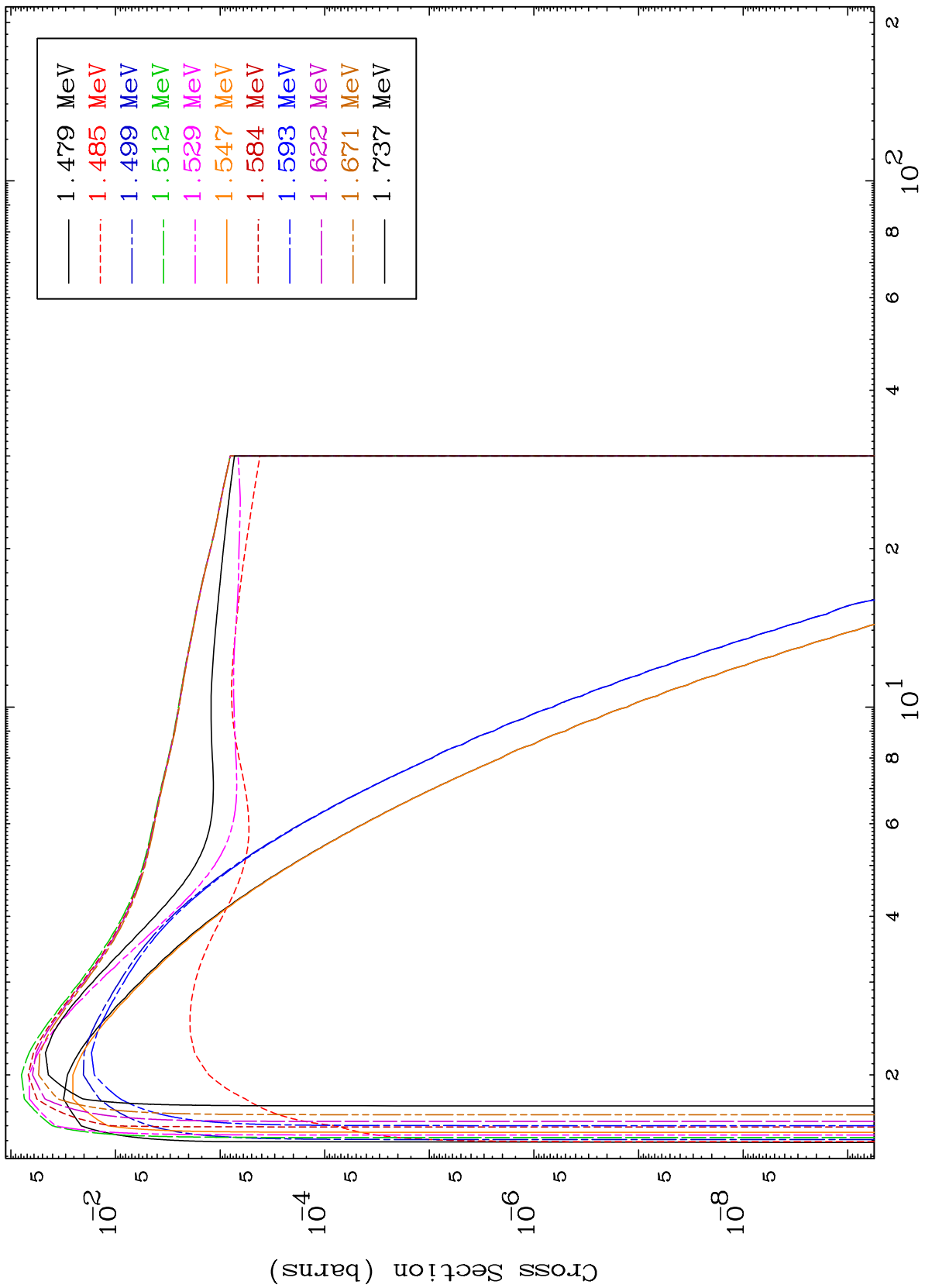
78-Pt-194

MAT 7837

(n,n') Level

78-Pt-194

293 Kelvin Cross Sections



8

Incident Energy (MeV)

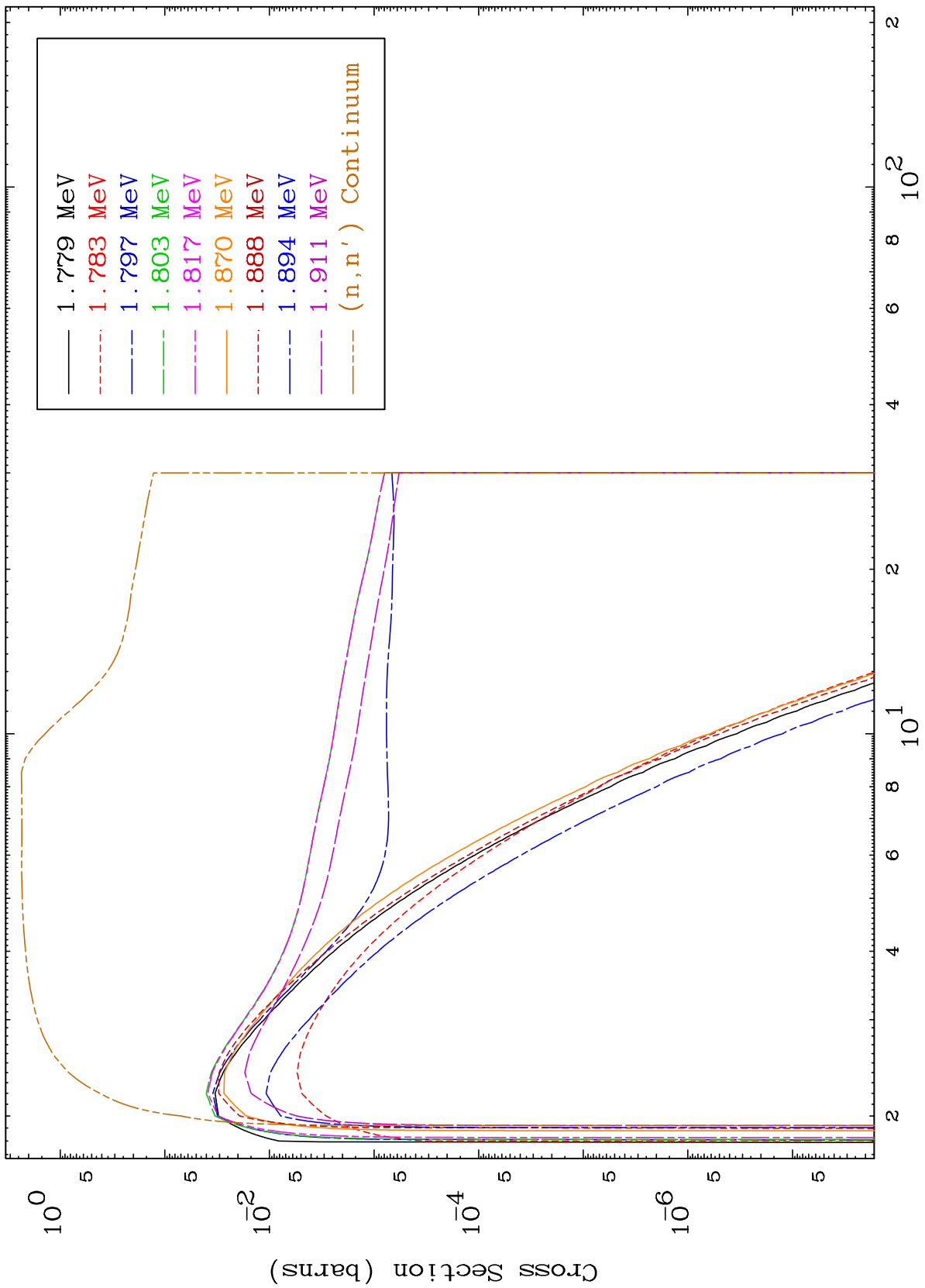
78-Pt-194

MAT 7837

(n,n') Level

78-Pt-194

293 Kelvin Cross Sections



9

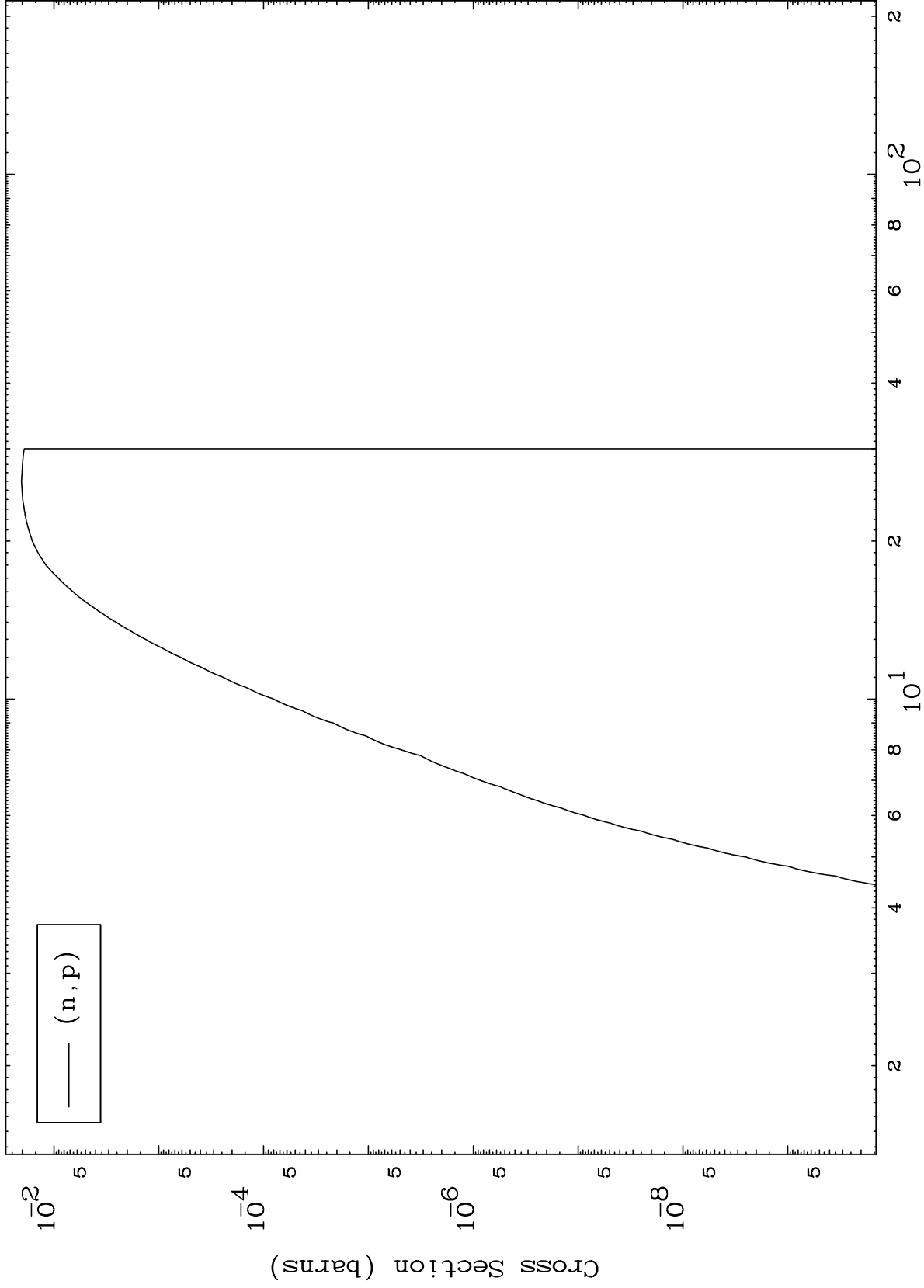
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-194



10

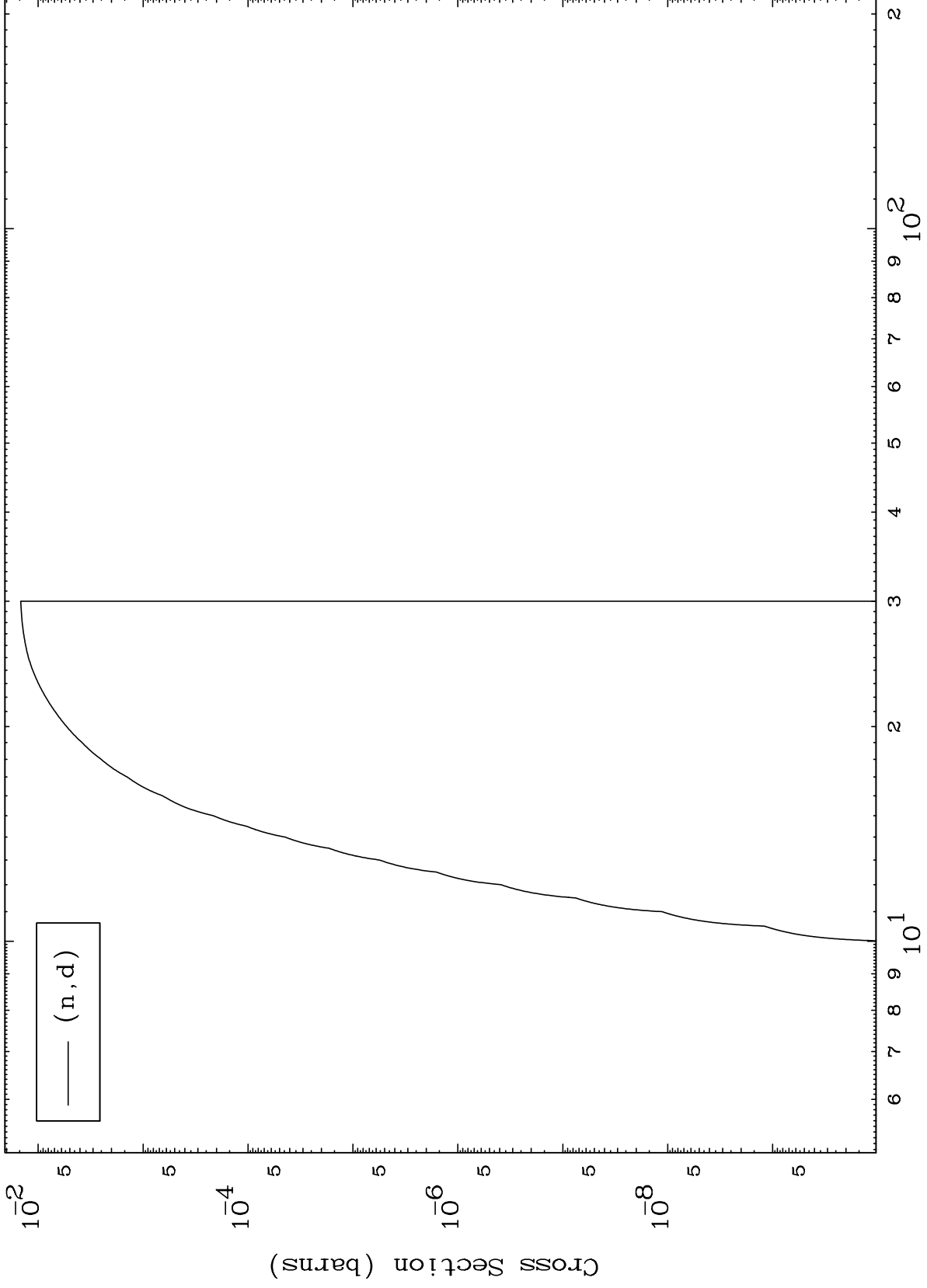
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-194



11

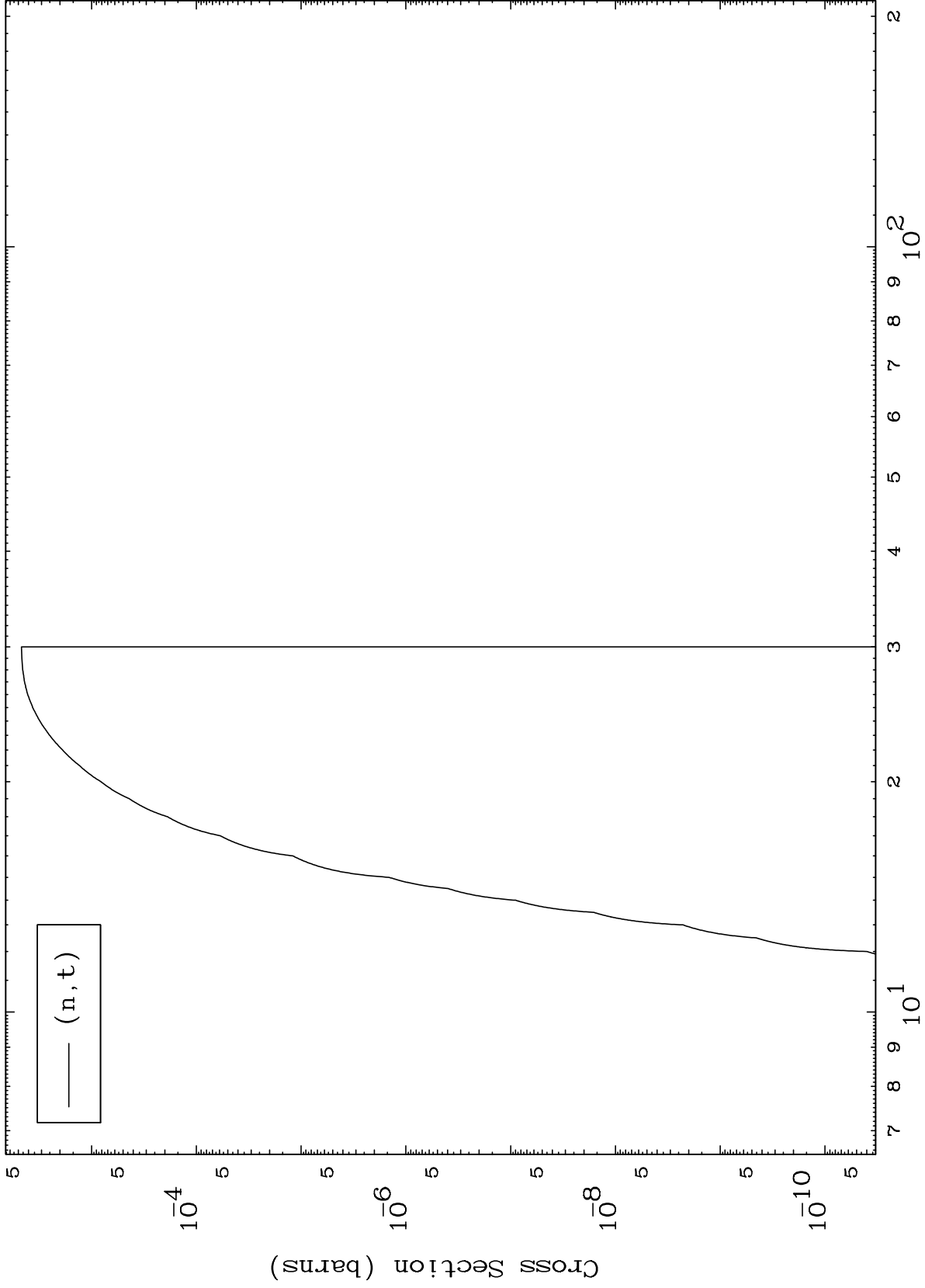
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-194



12

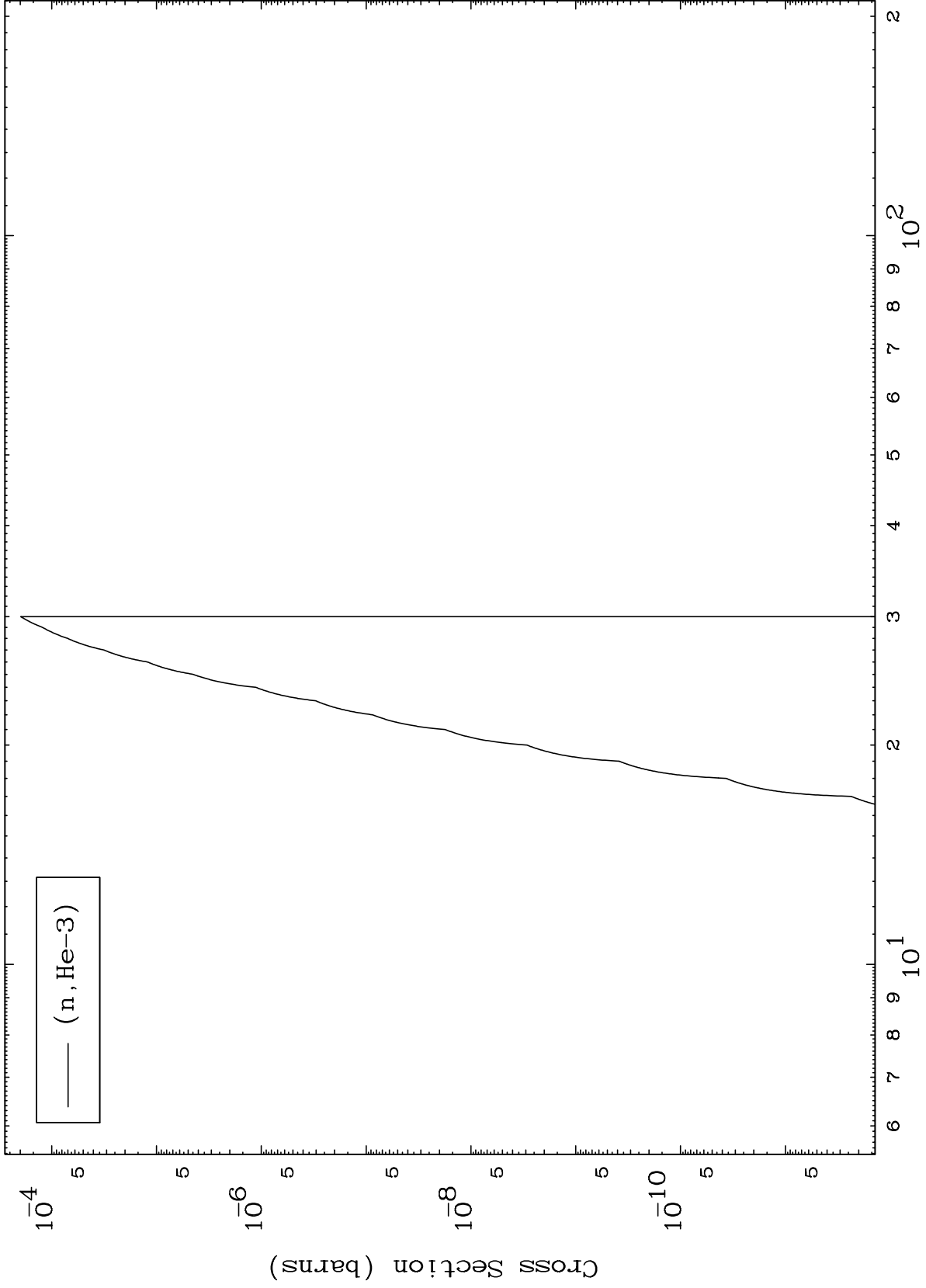
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-194



13

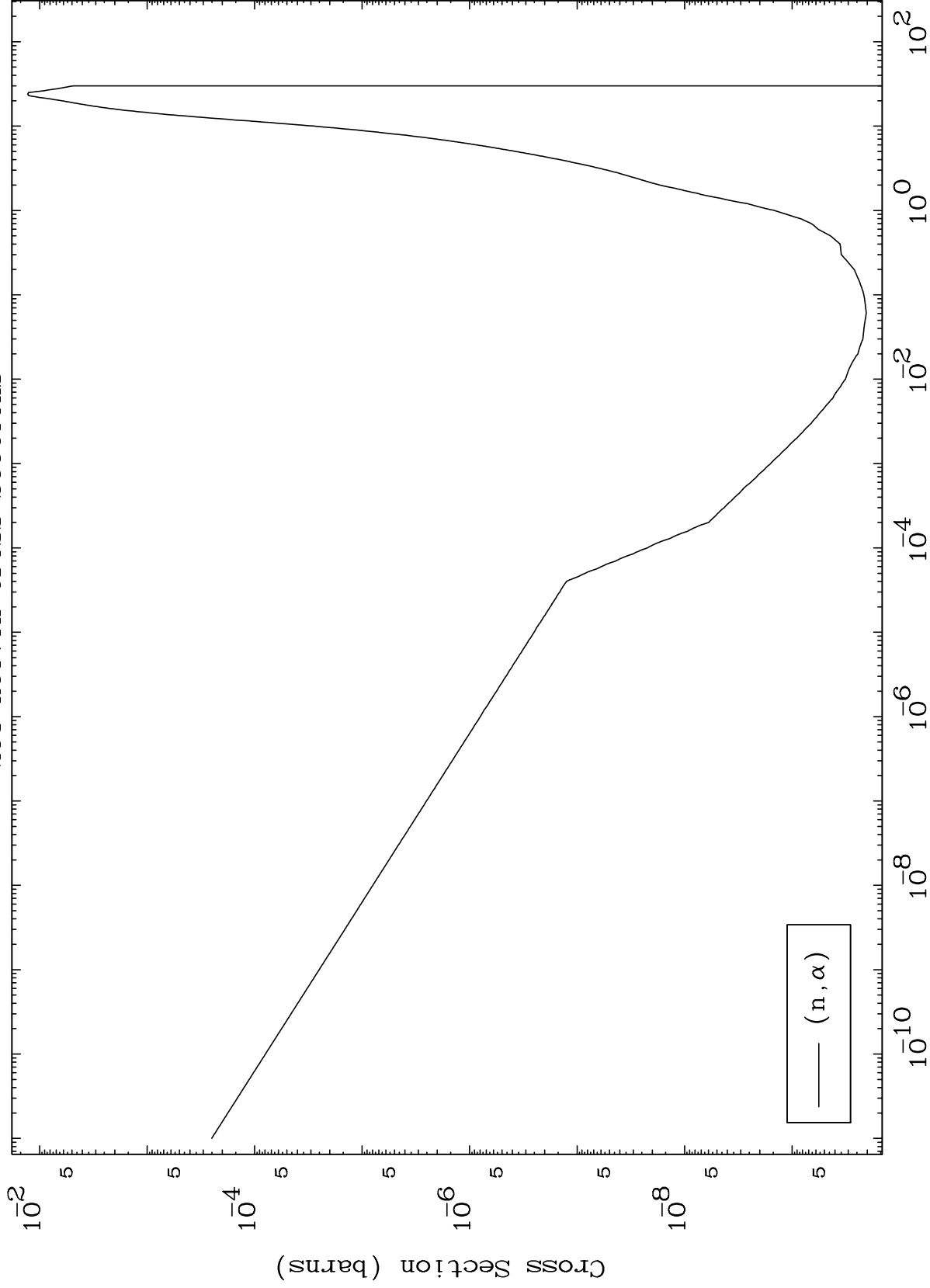
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,α) Levels
293 Kelvin Cross Sections

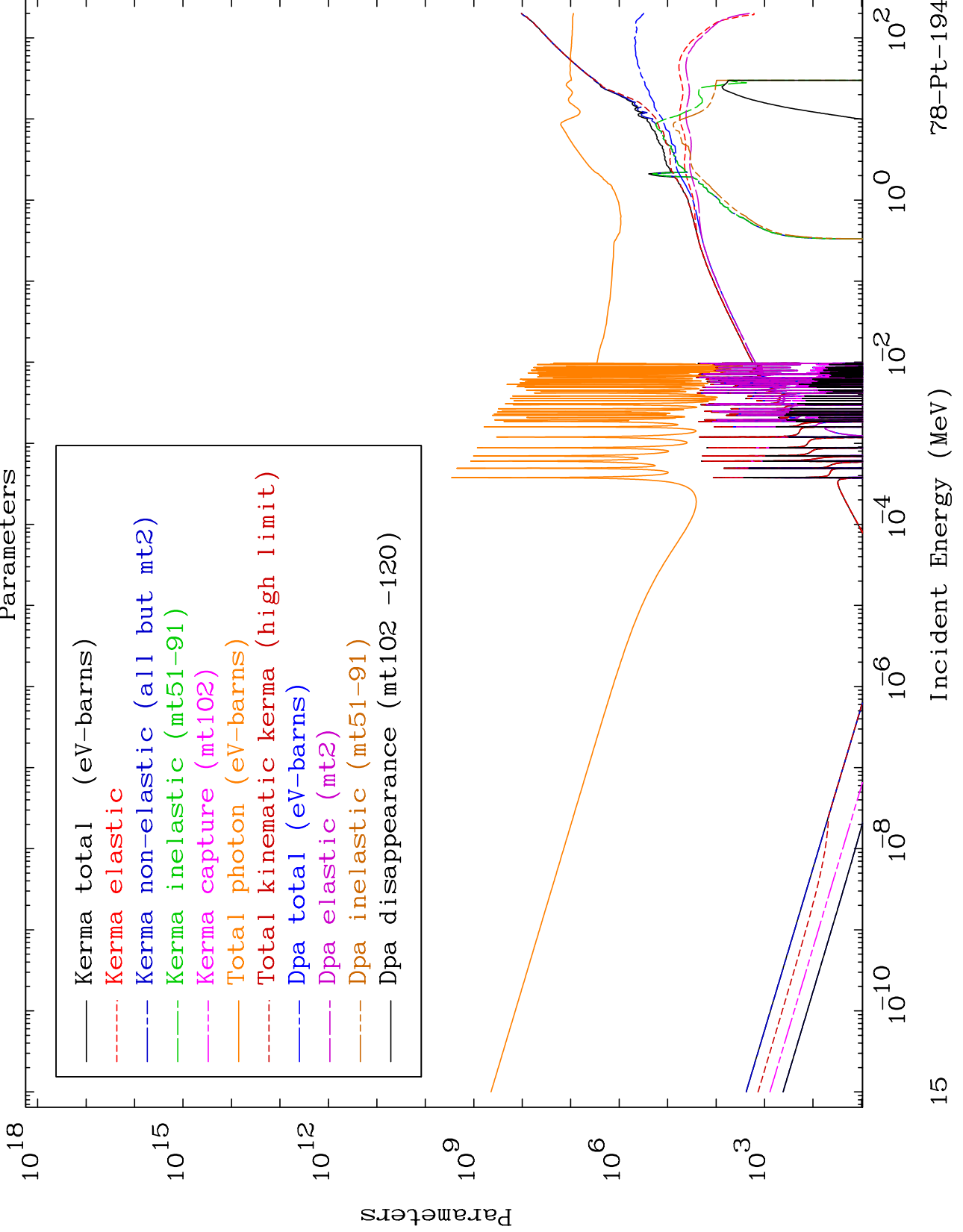
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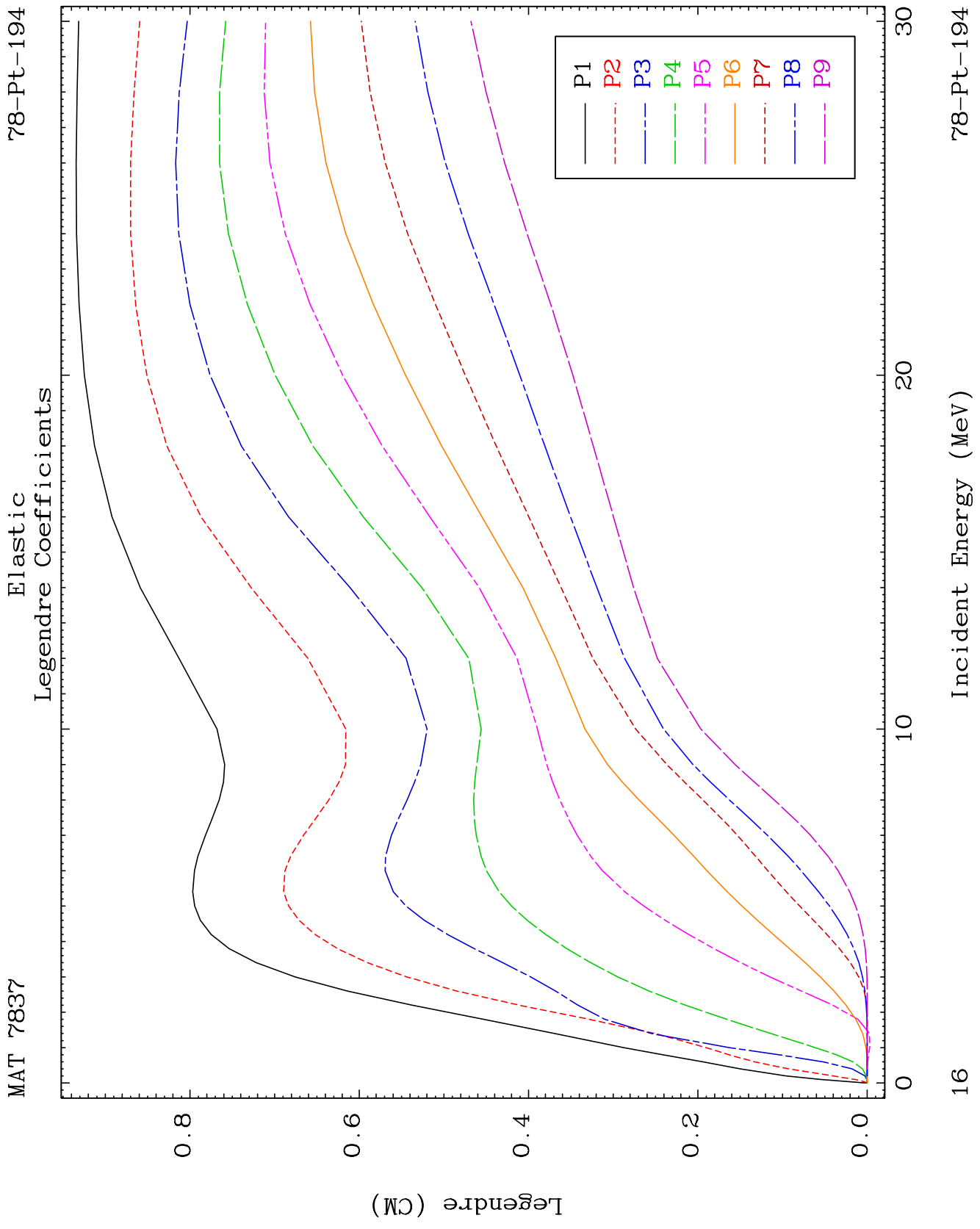


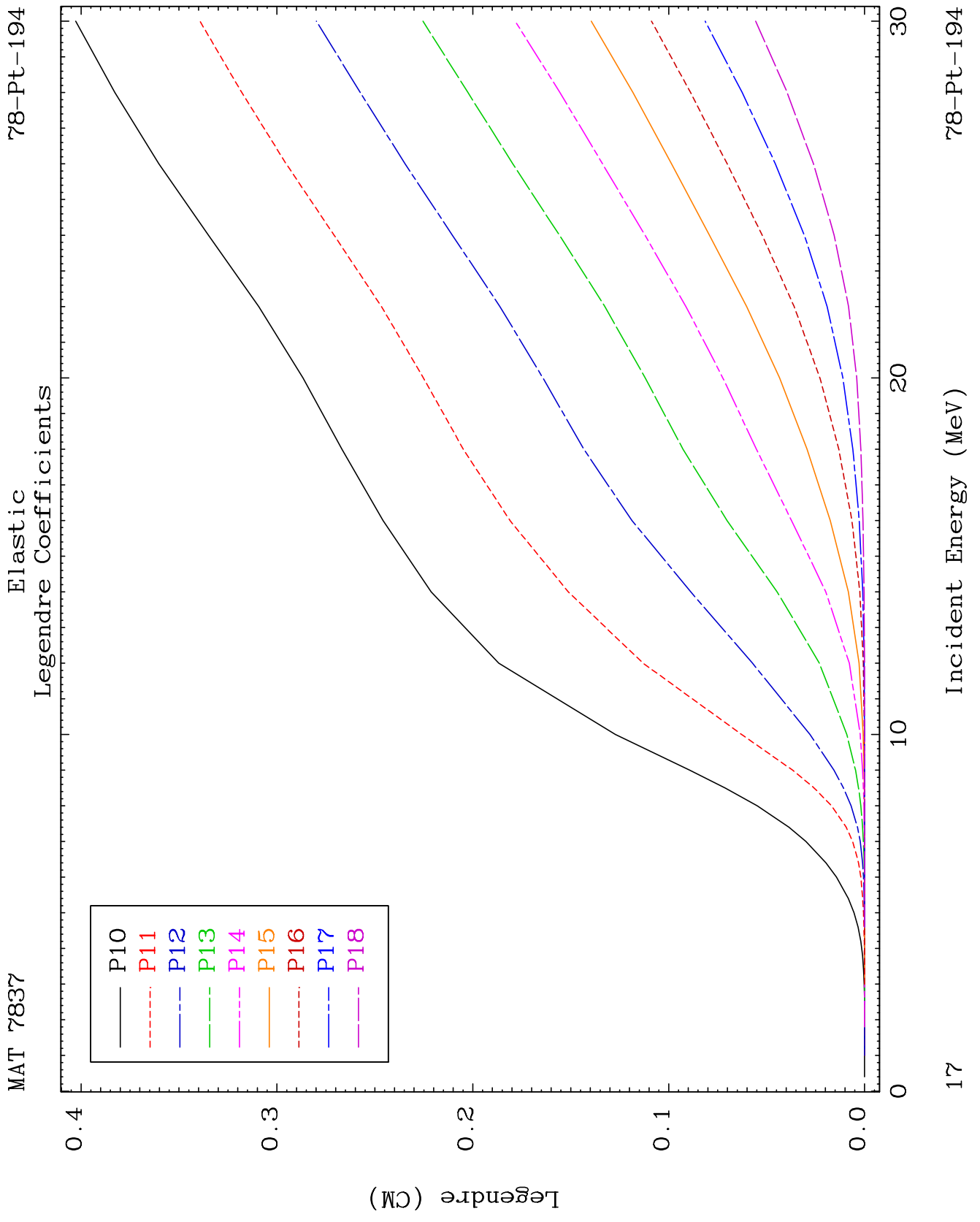
14

Incident Energy (MeV)

78-Pt-194



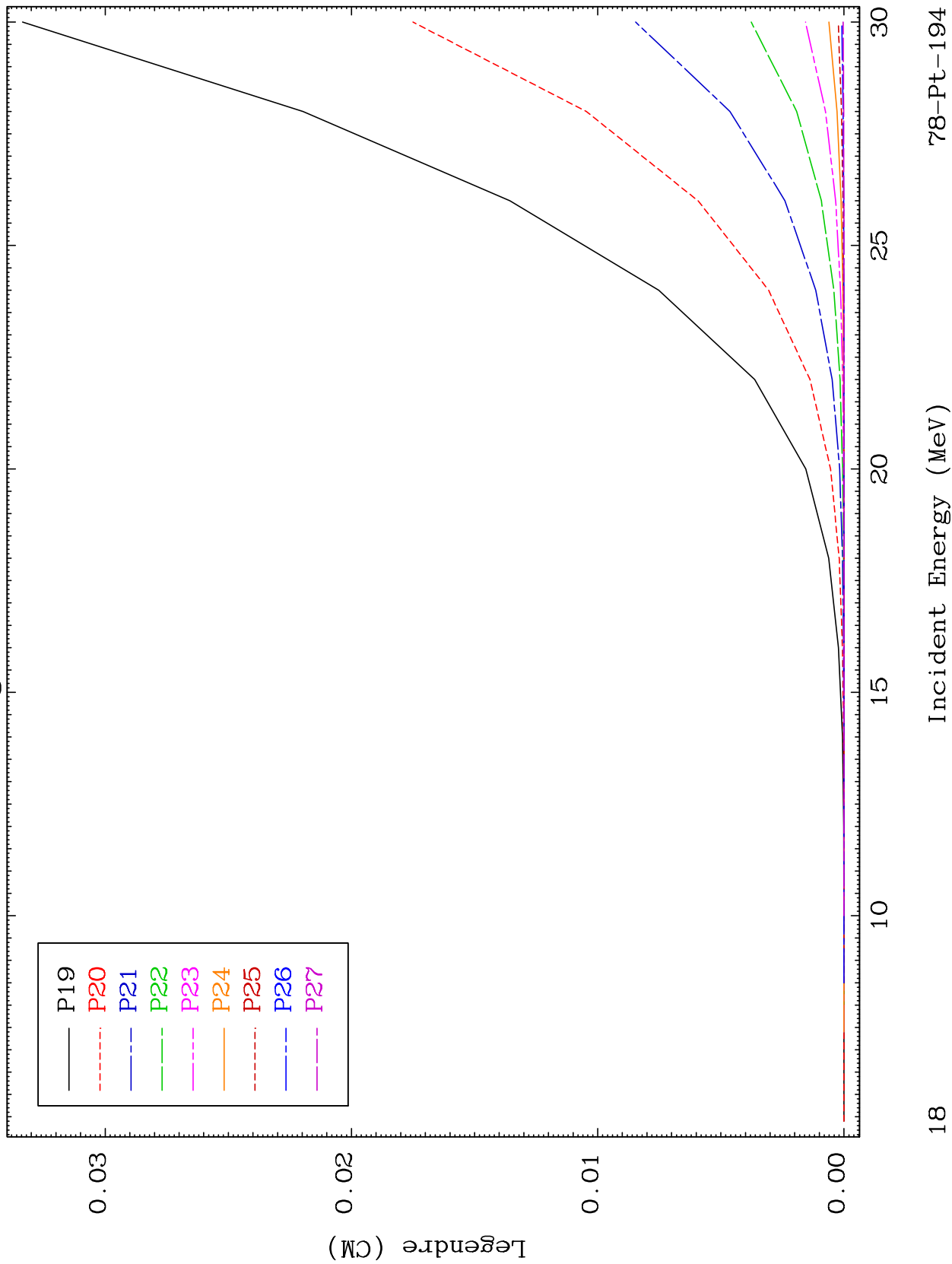




MAT 7837

Elastic Legendre Coefficients

78-Pt-194



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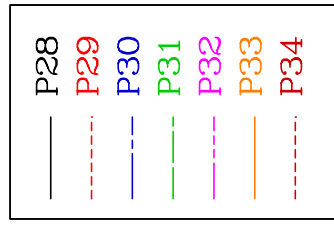
Incident Energy (MeV)

78-Pt-194

MAT 7837

Elastic Legendre Coefficients

78-Pt-194



$\times 10^{-5}$
1.0
0.8
0.6
0.4
0.2
0.0

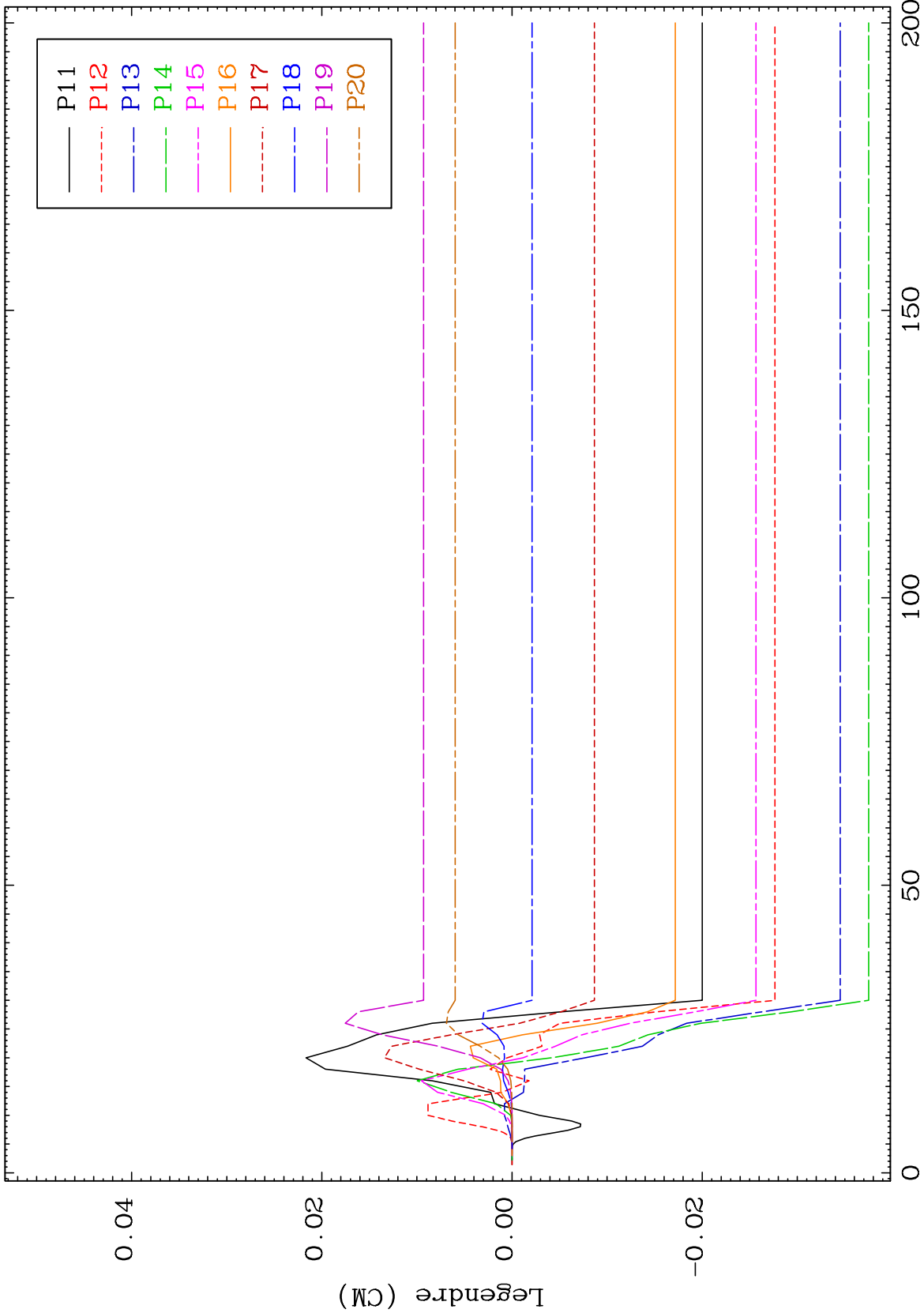
Legendre (CM)

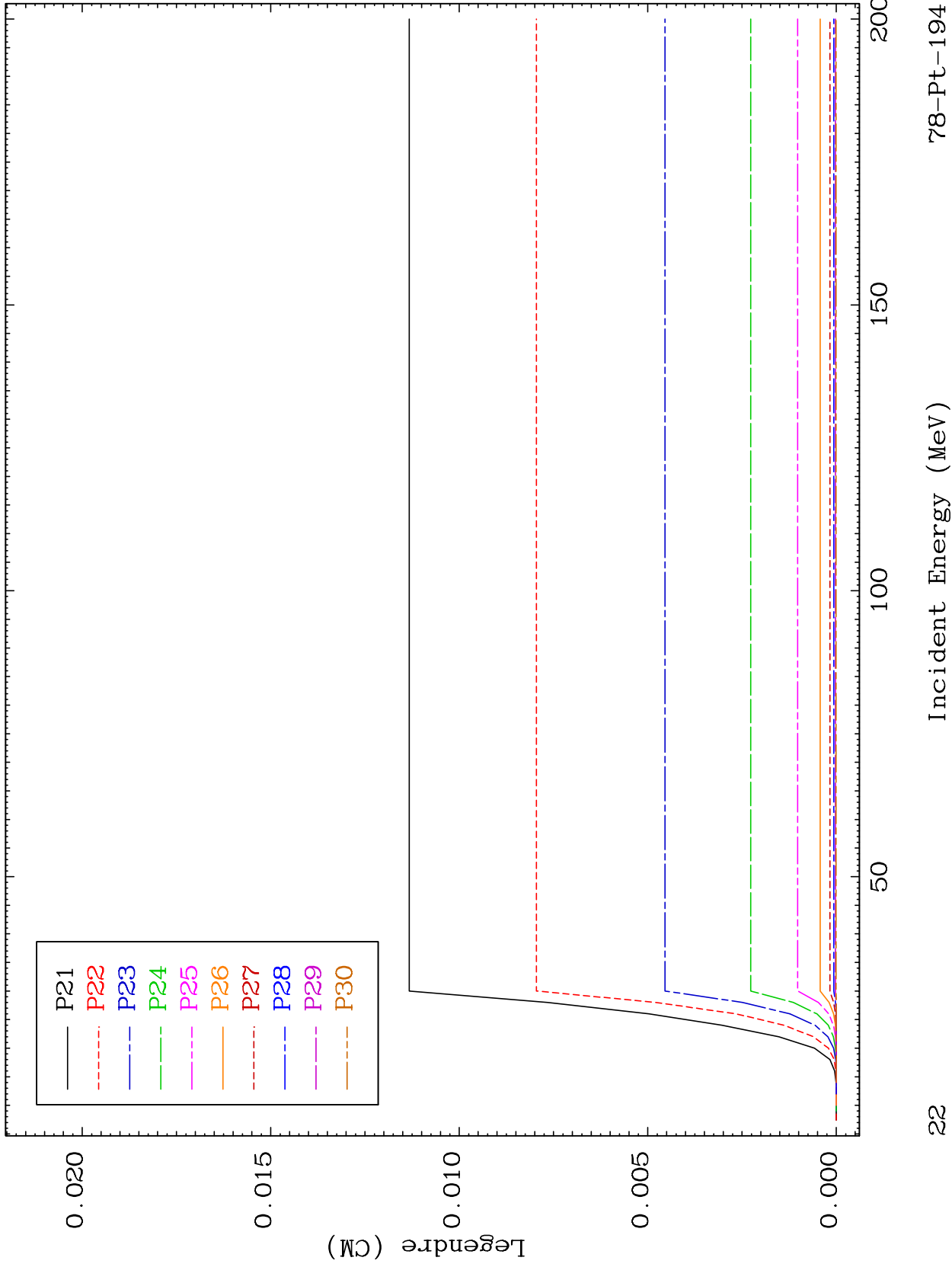


MAT 7837

328.5 keV (n,n') Level
Legendre Coefficients

78-Pt-194

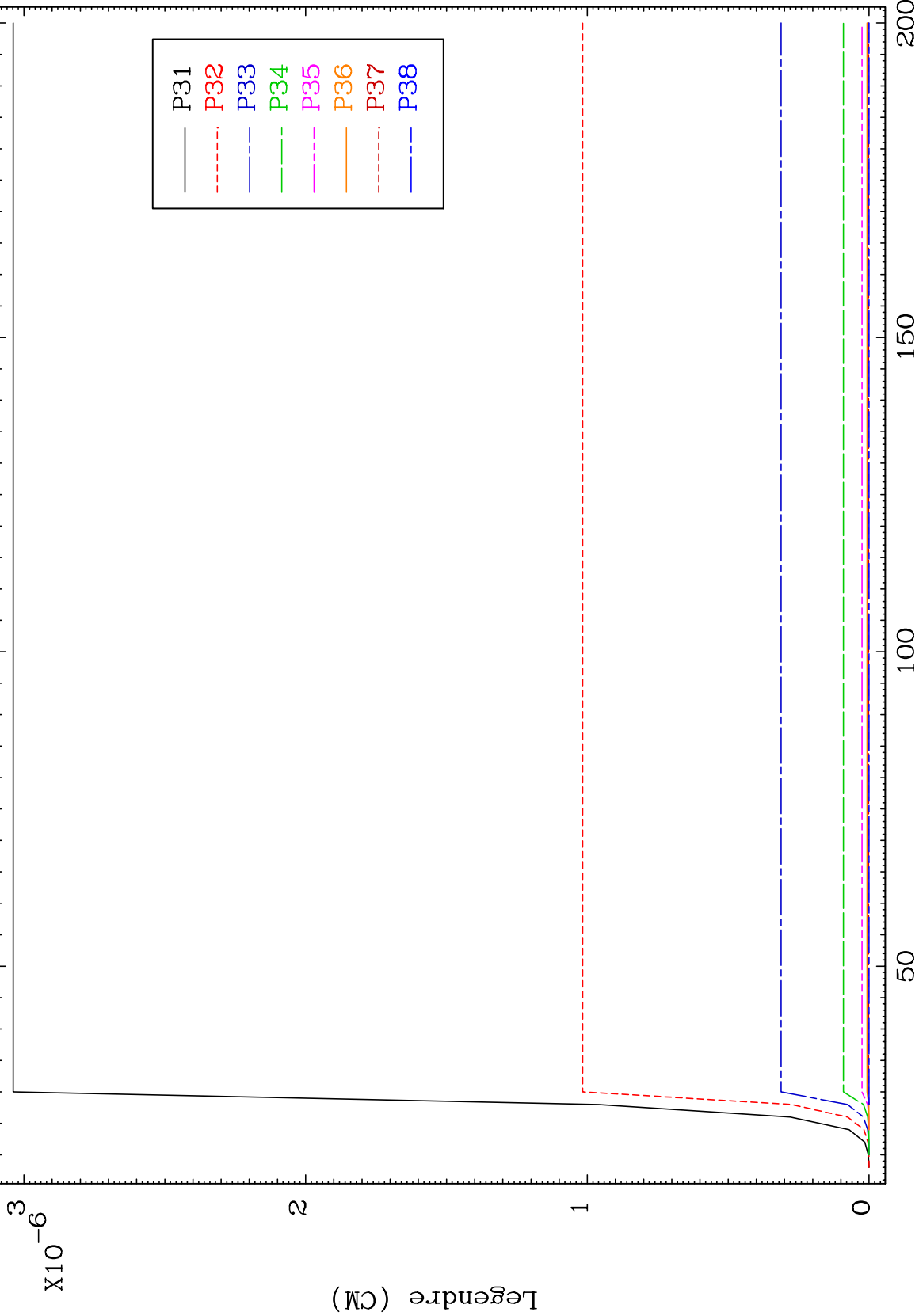




MAT 7837

328.5 keV (n,n') Level
Legendre Coefficients

78-Pt-194



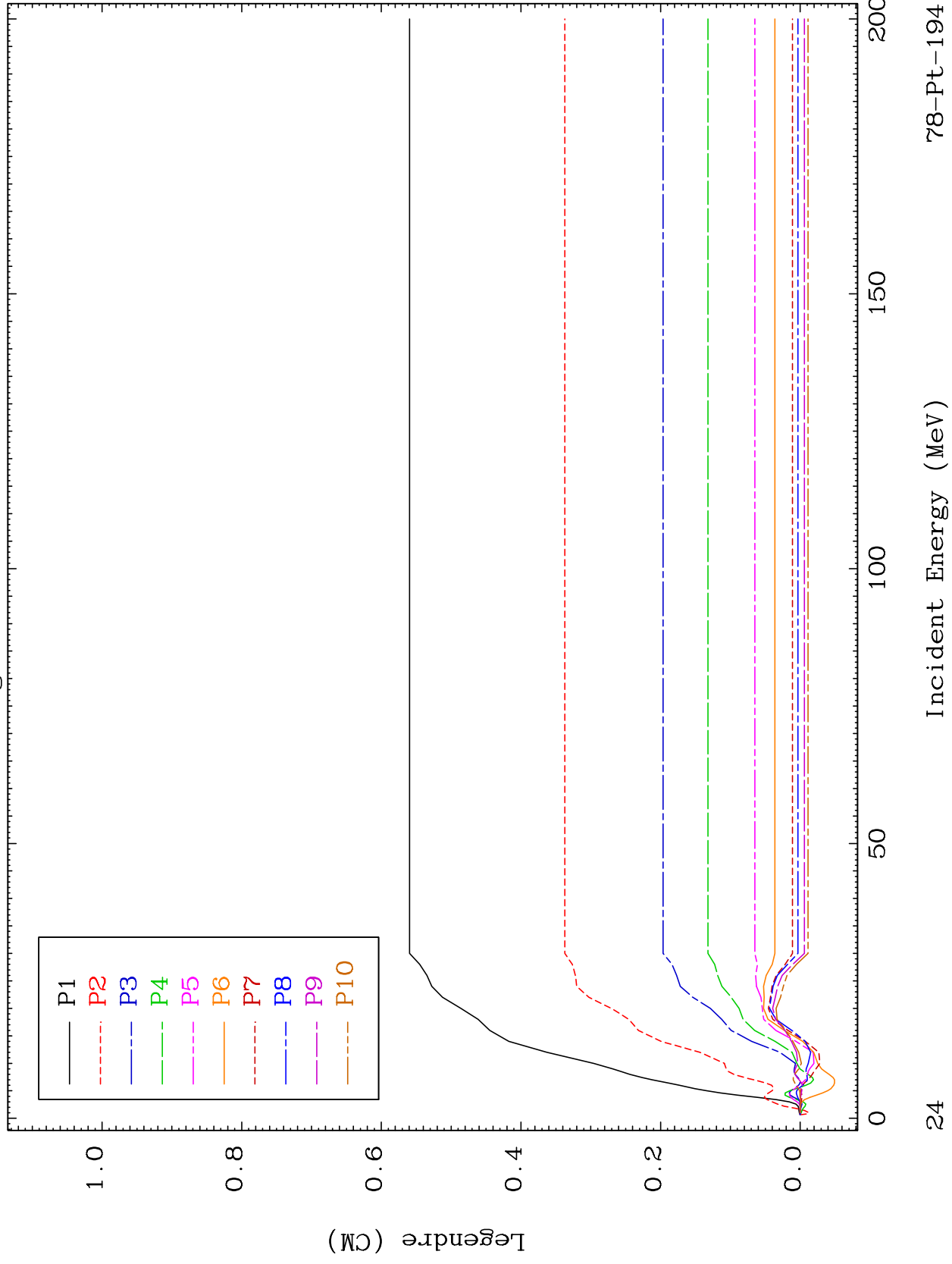
23

78-Pt-194

MAT 7837

622.0 keV (n,n') Level
Legendre Coefficients

78-Pt-194



78-Pt-194

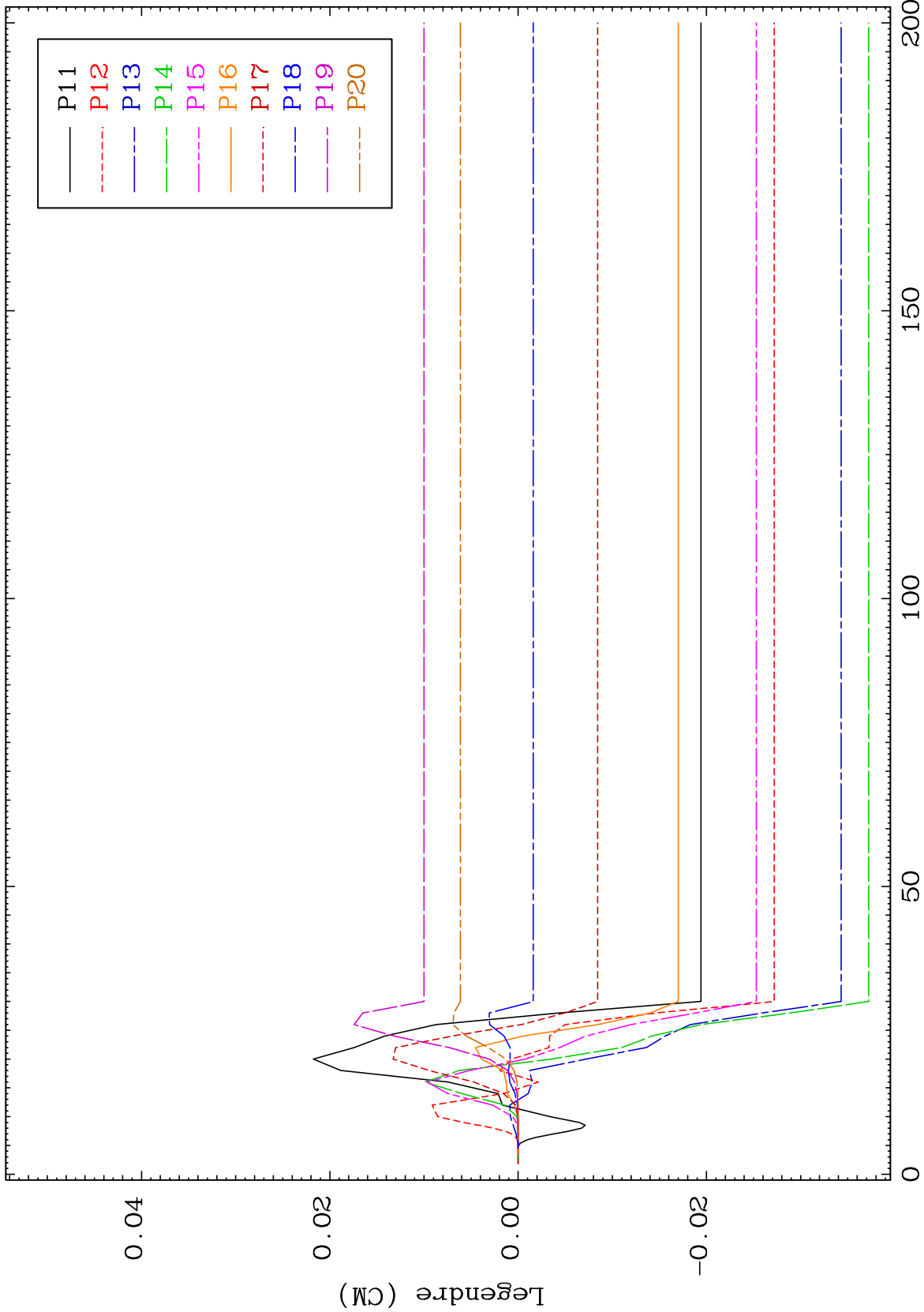
Incident Energy (MeV)

24

MAT 7837

622.0 keV (n,n') Level
Legendre Coefficients

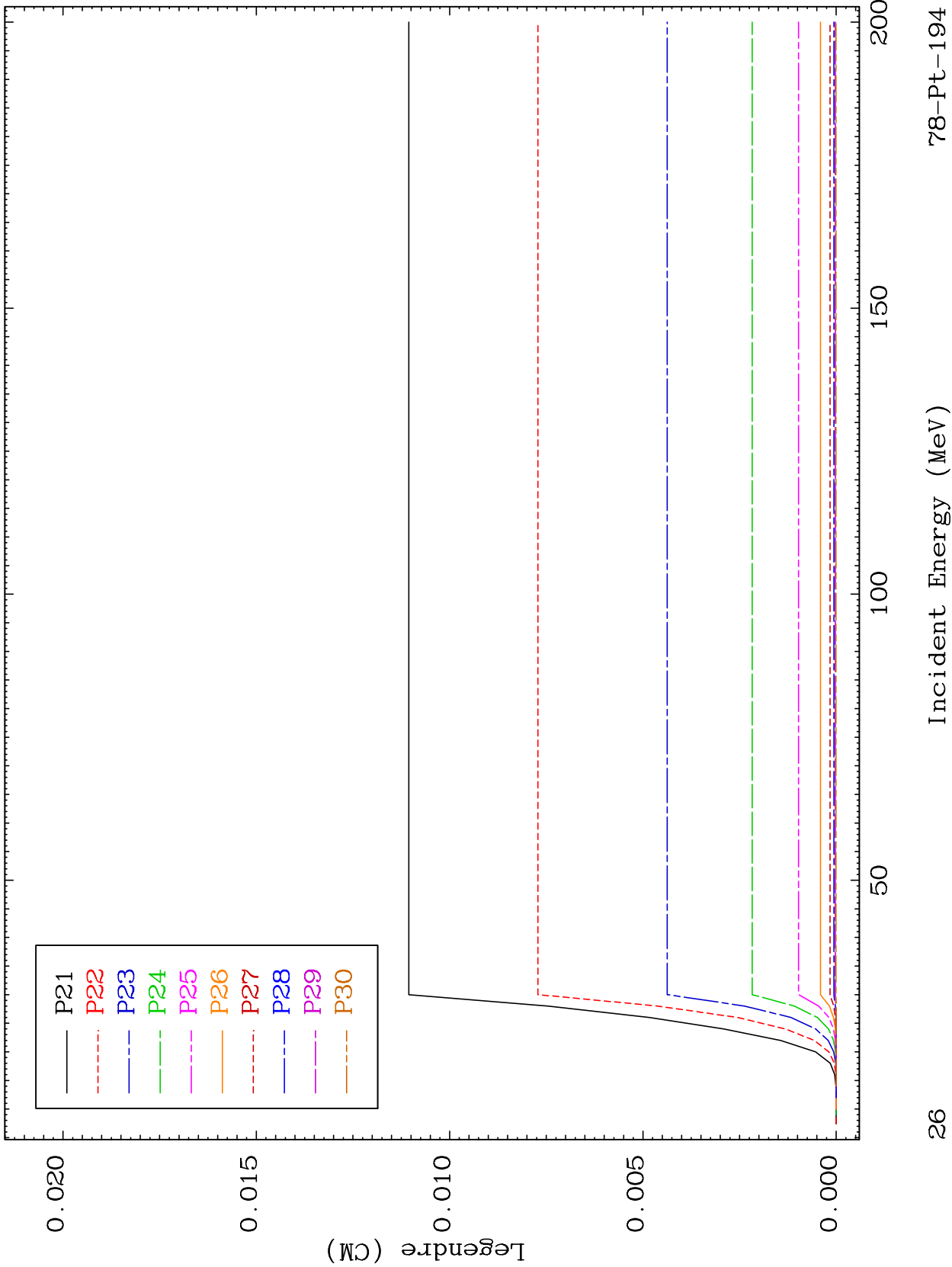
78-Pt-194

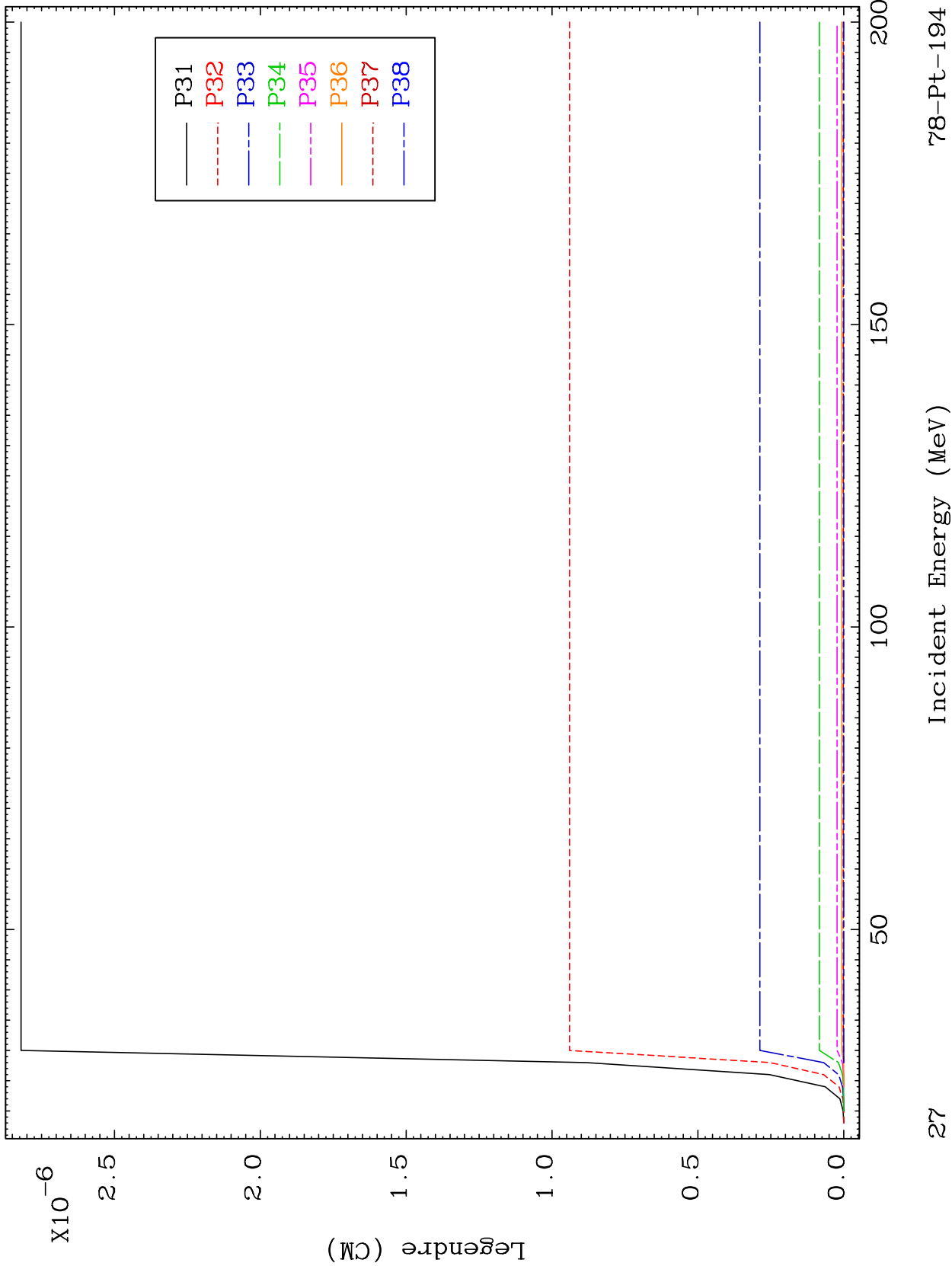


25

Incident Energy (MeV)

78-Pt-194

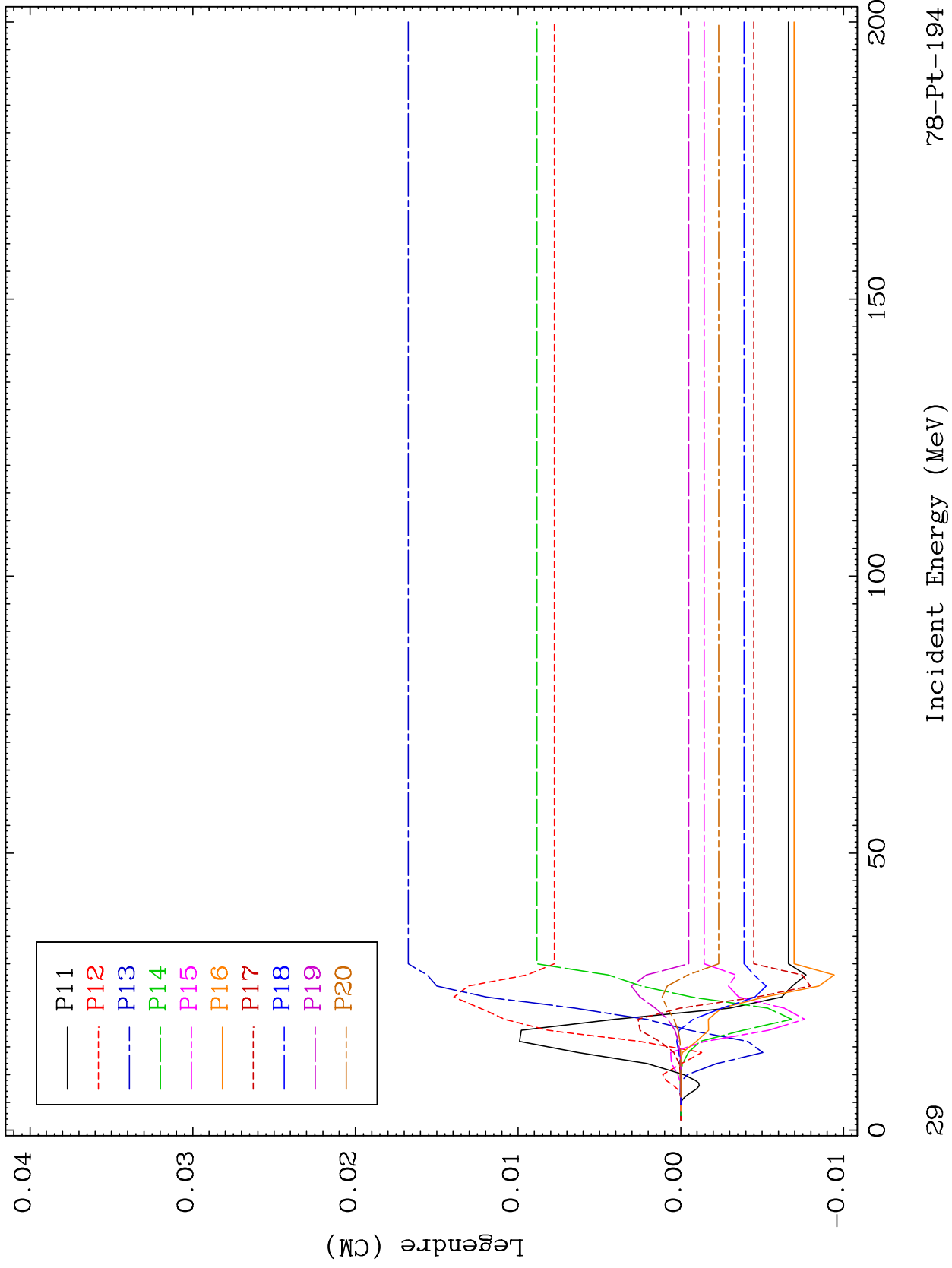




MAT 7837

811.3 keV (n,n') Level
Legendre Coefficients

78-Pt-194



29

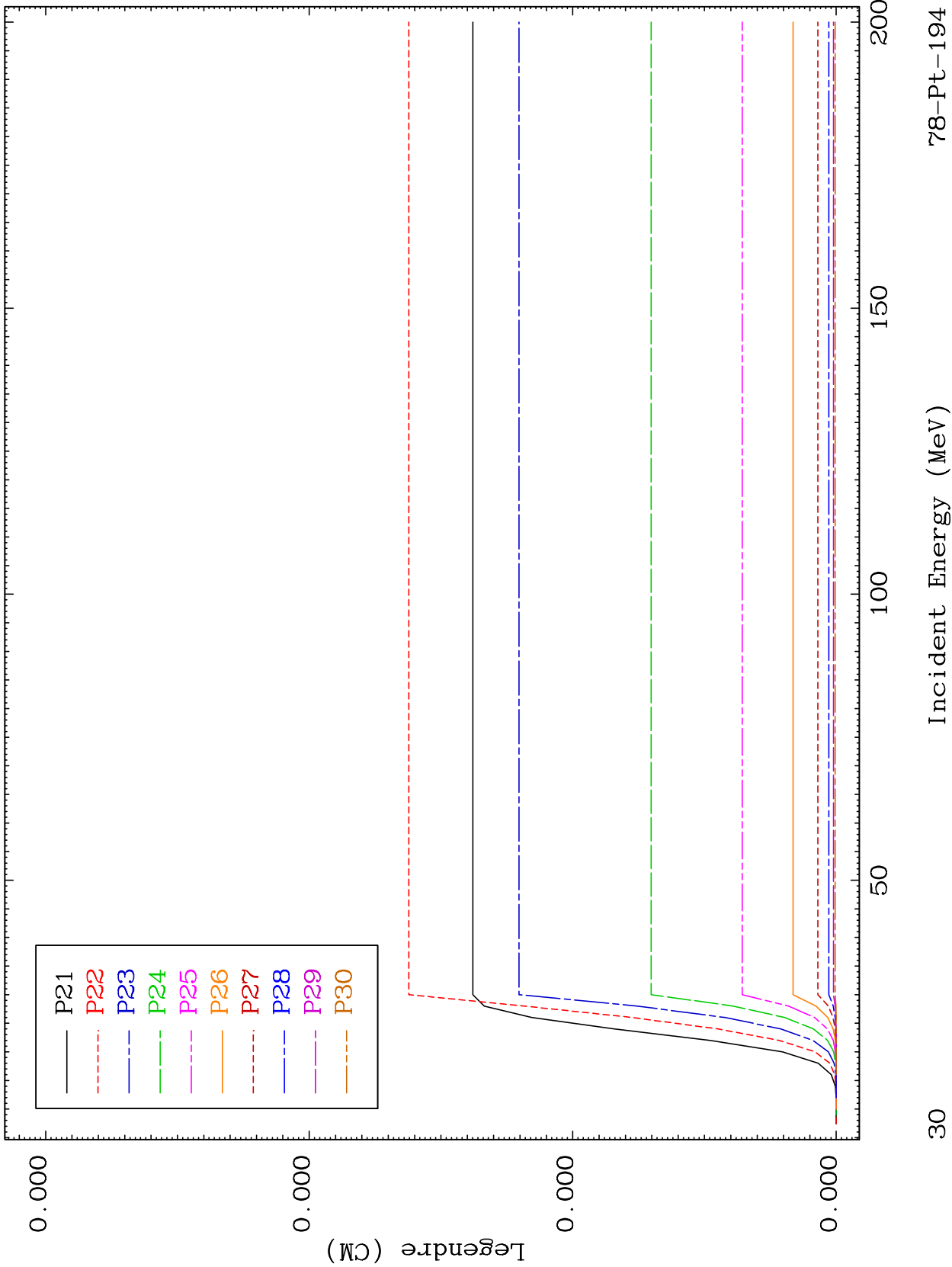
Incident Energy (MeV)

78-Pt-194

MAT 7837

811.3 keV (n,n') Level
Legendre Coefficients

78-Pt-194



30

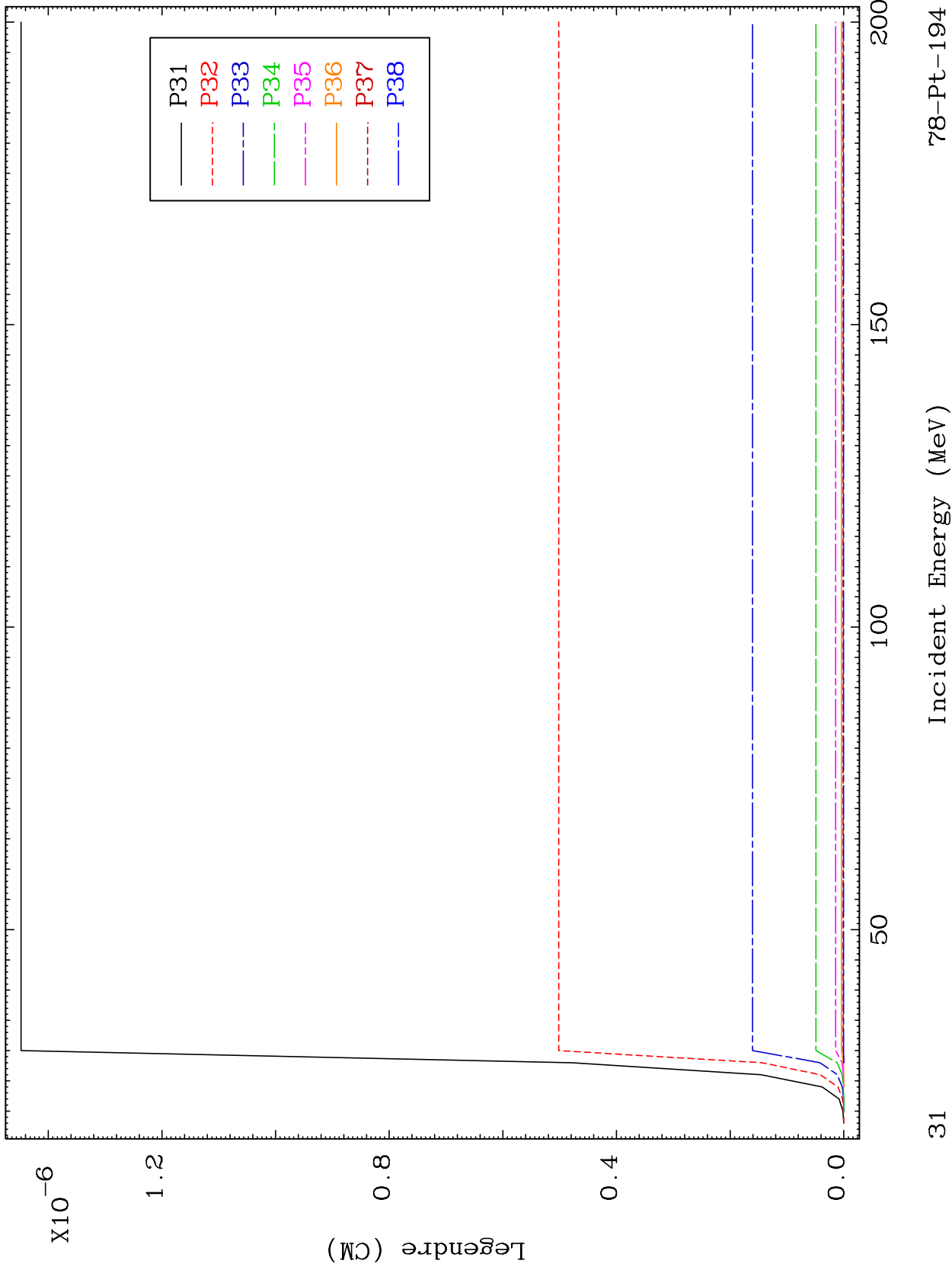
Incident Energy (MeV)

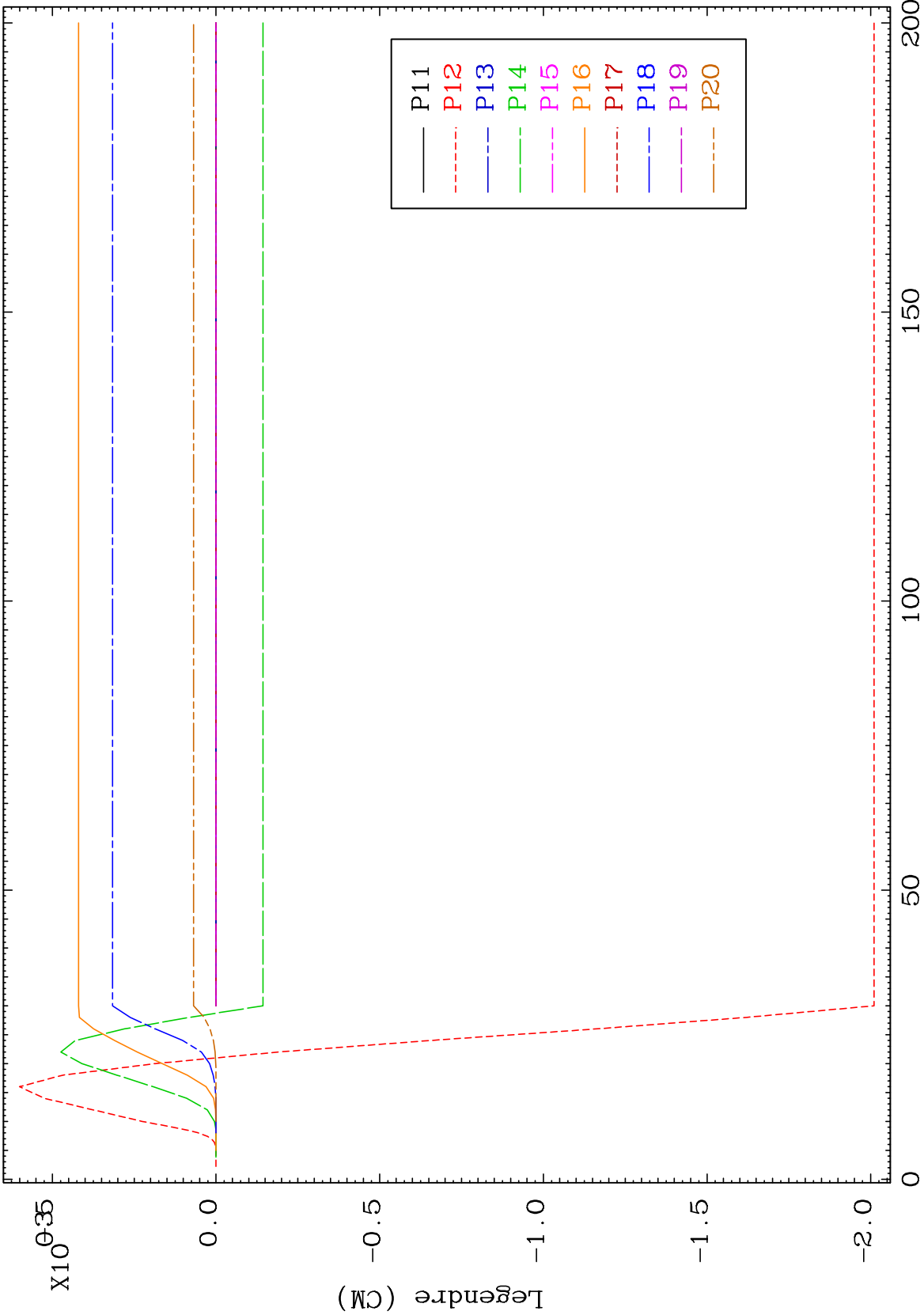
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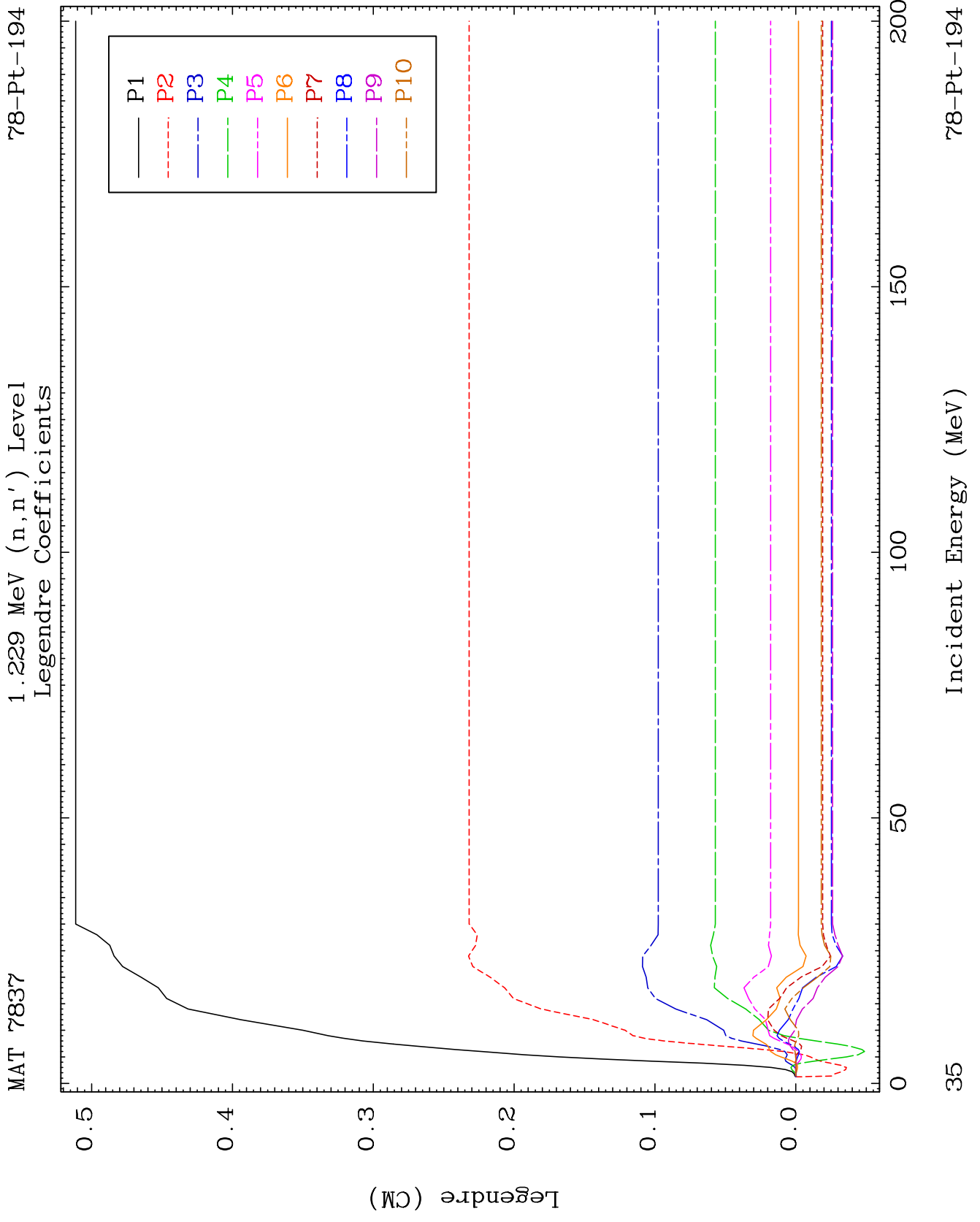
MAT 7837

811.3 keV (n,n') Level
Legendre Coefficients

78-Pt-194



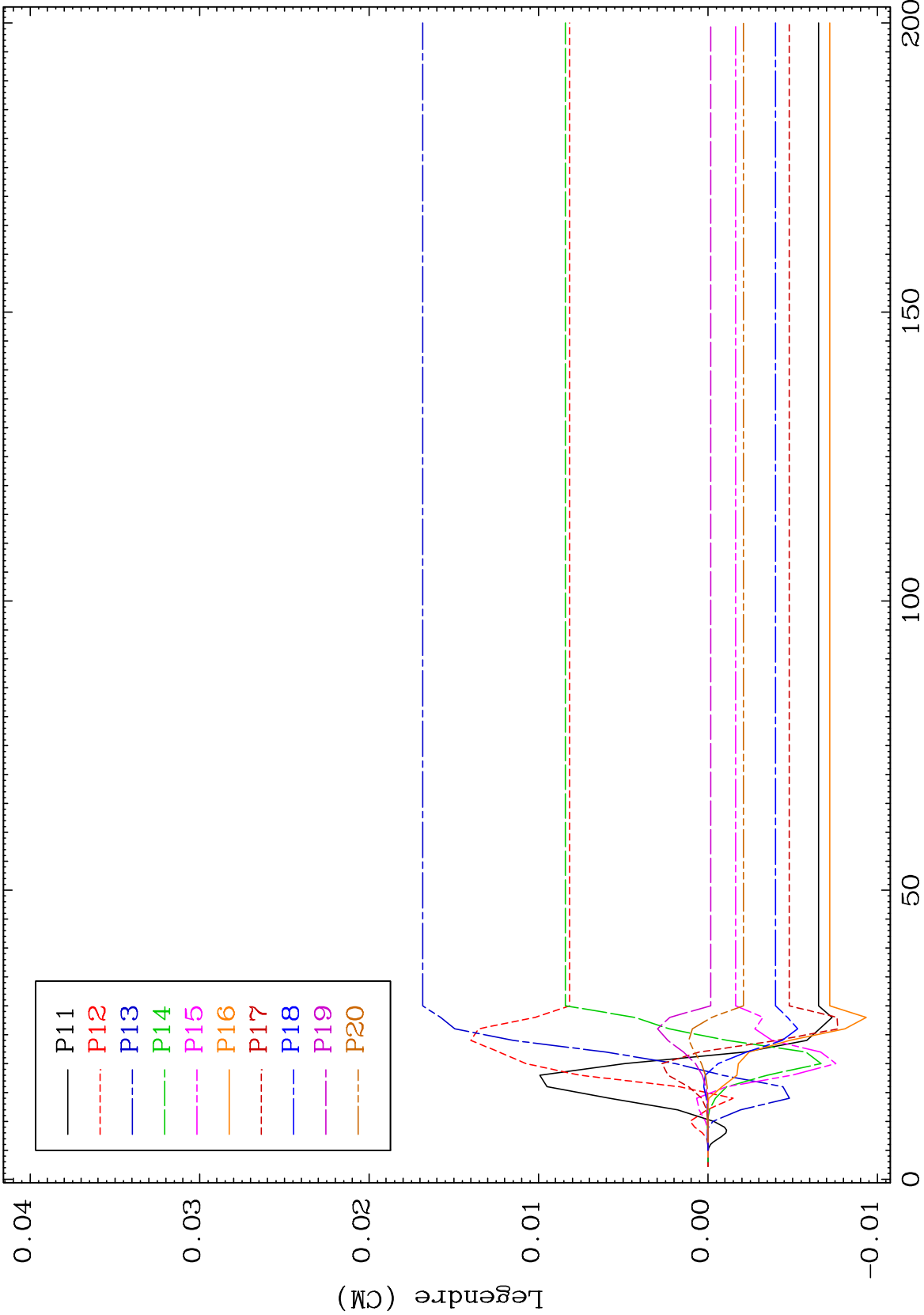




MAT 7837

1.229 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



36

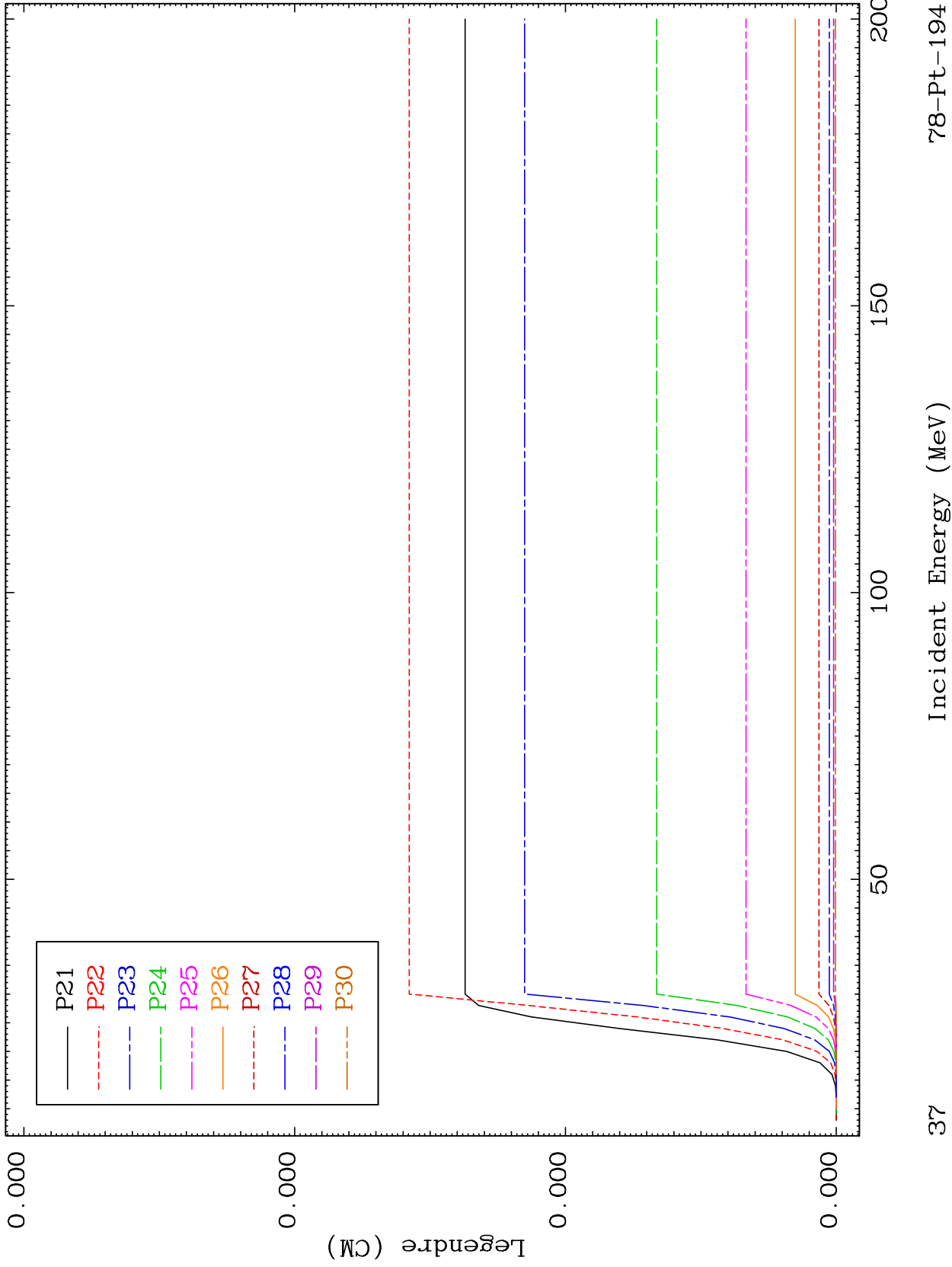
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.229 MeV (n,n') Level
Legendre Coefficients

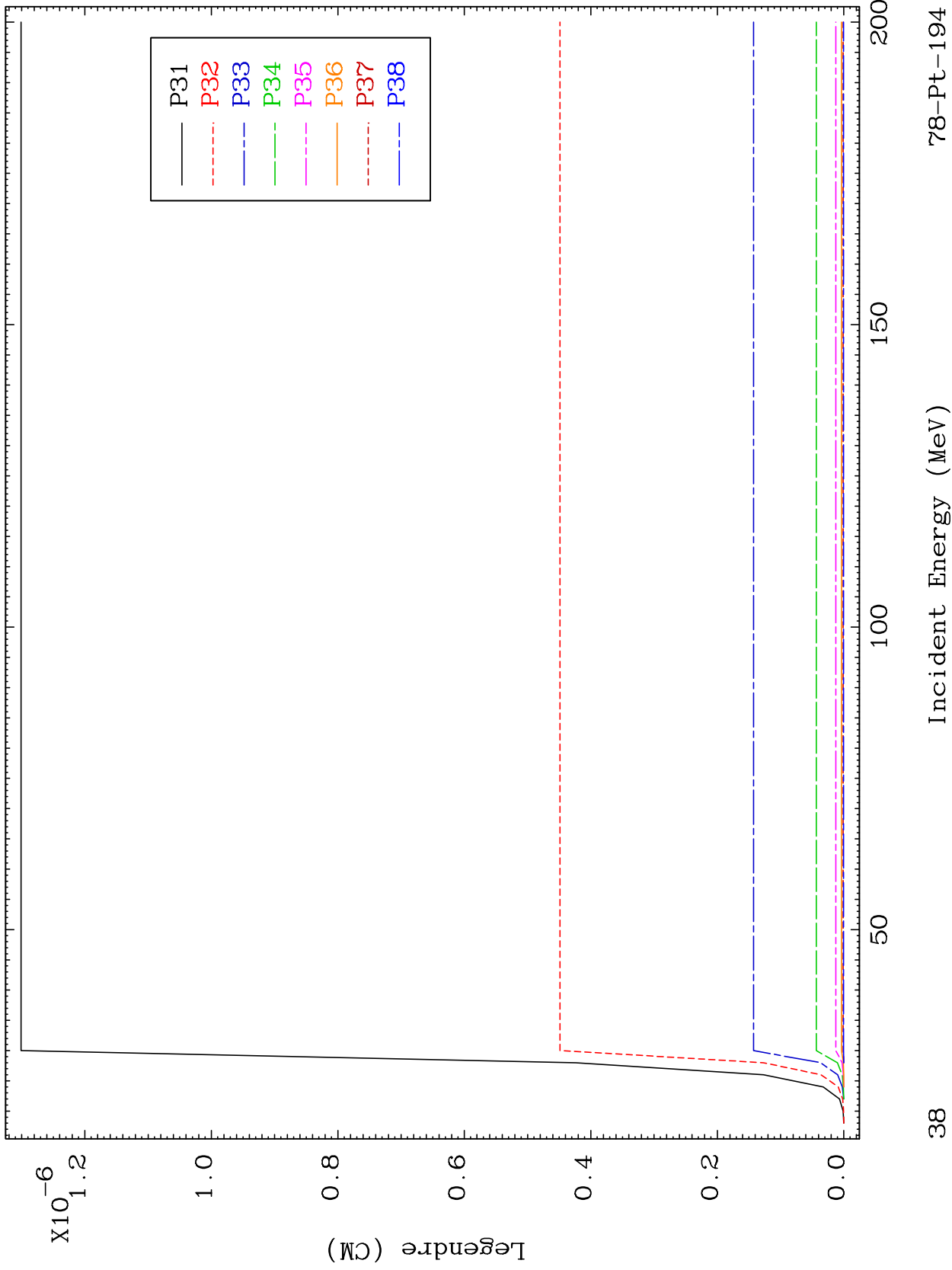
78-Pt-194



MAT 7837

1.229 MeV (n,n') Level
Legendre Coefficients

78-Pt-194

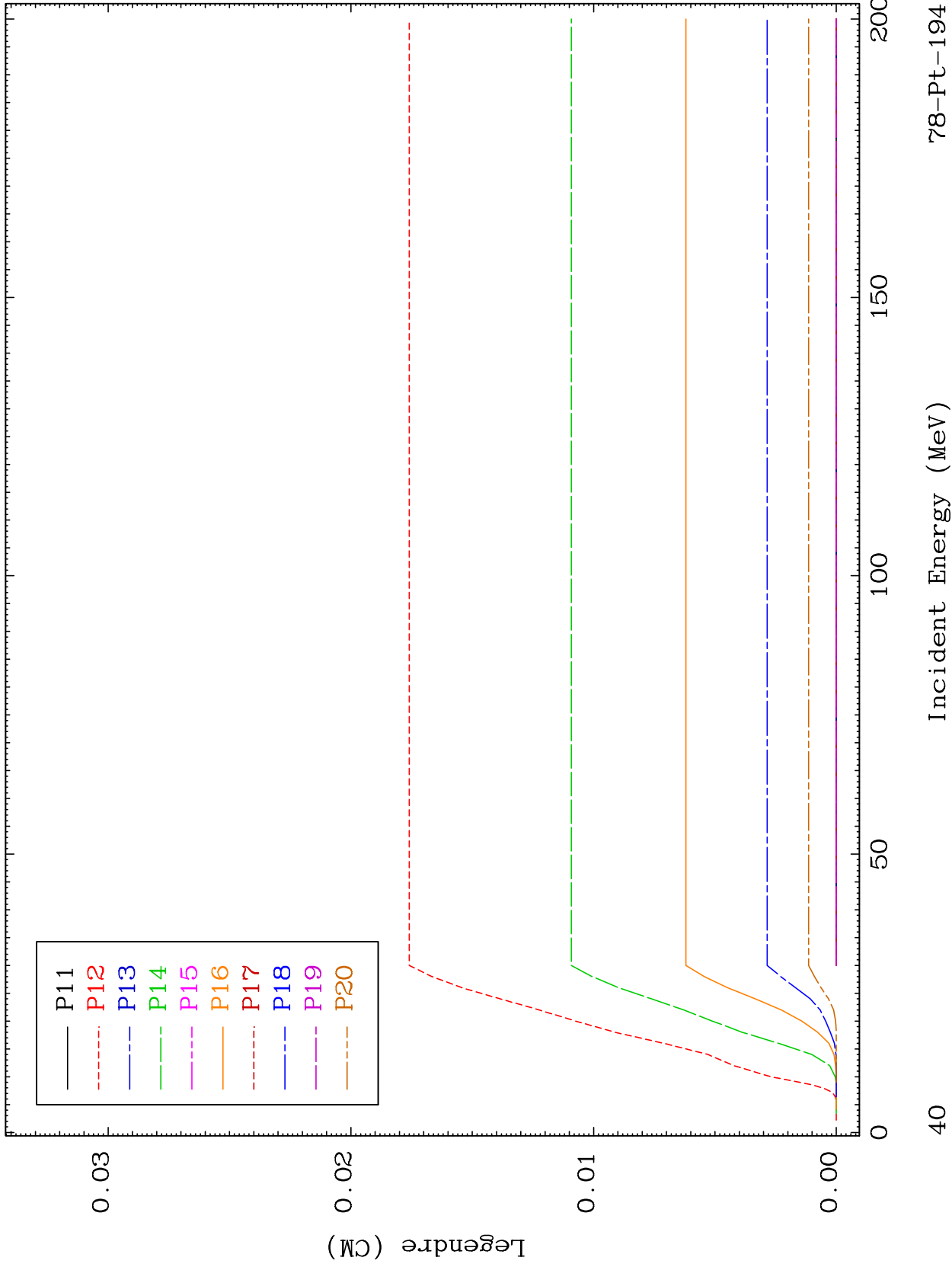


38

MAT 7837

1.267 MeV (n,n') Level
Legendre Coefficients

78-Pt-194

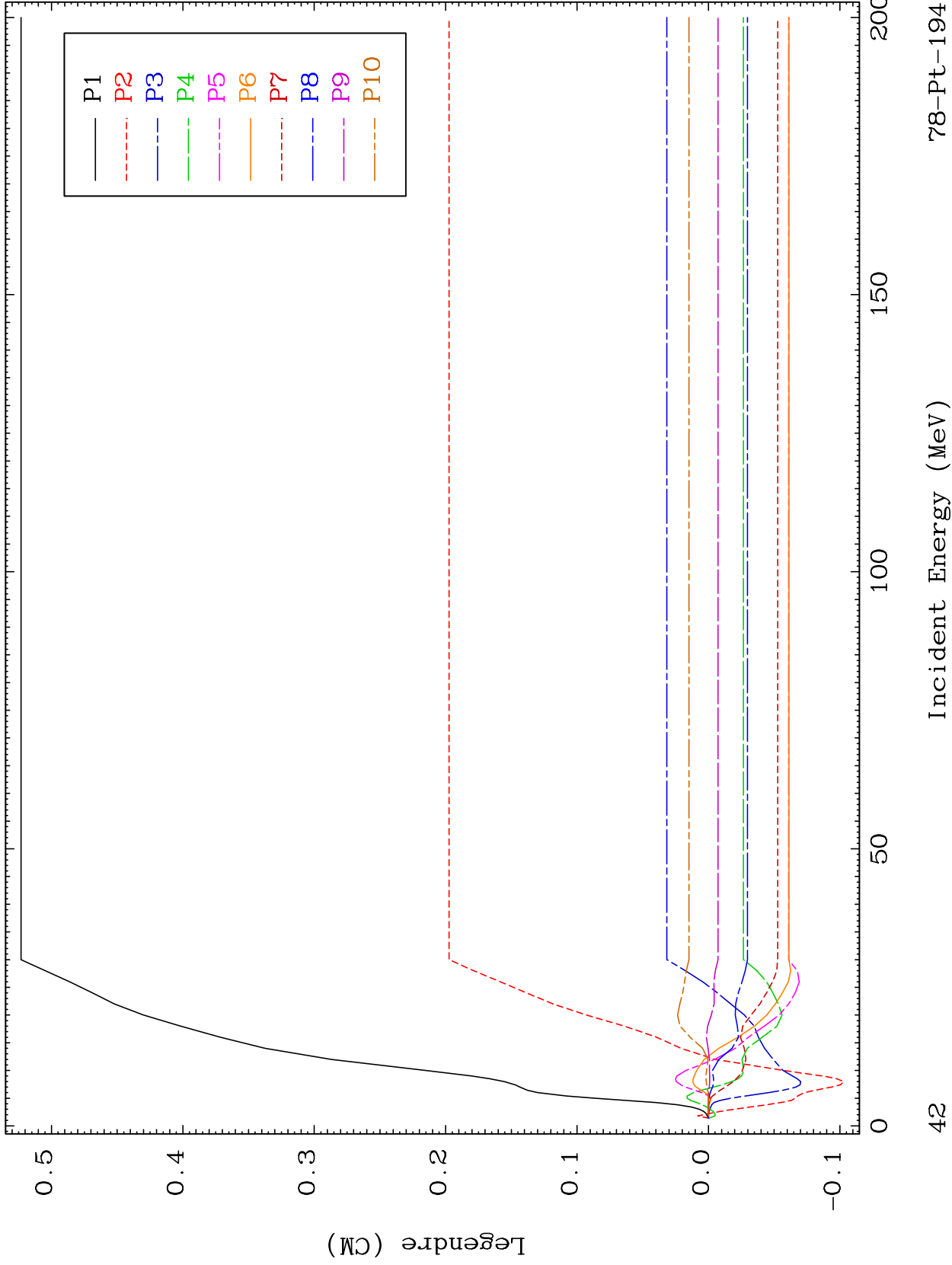


78-Pt-194

MAT 7837

1.374 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



78-Pt-194

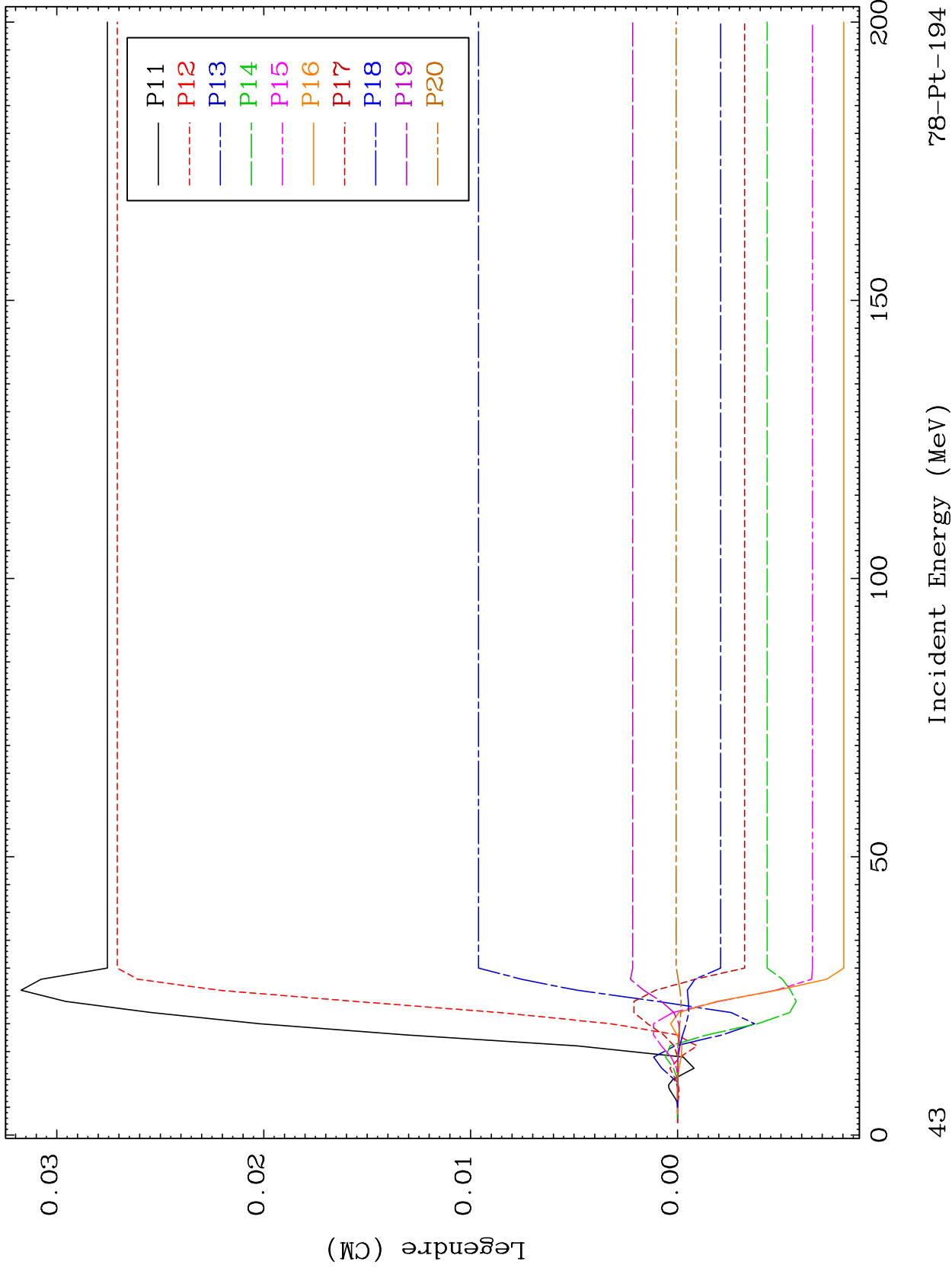
Incident Energy (MeV)

42

MAT 7837

1.374 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



43

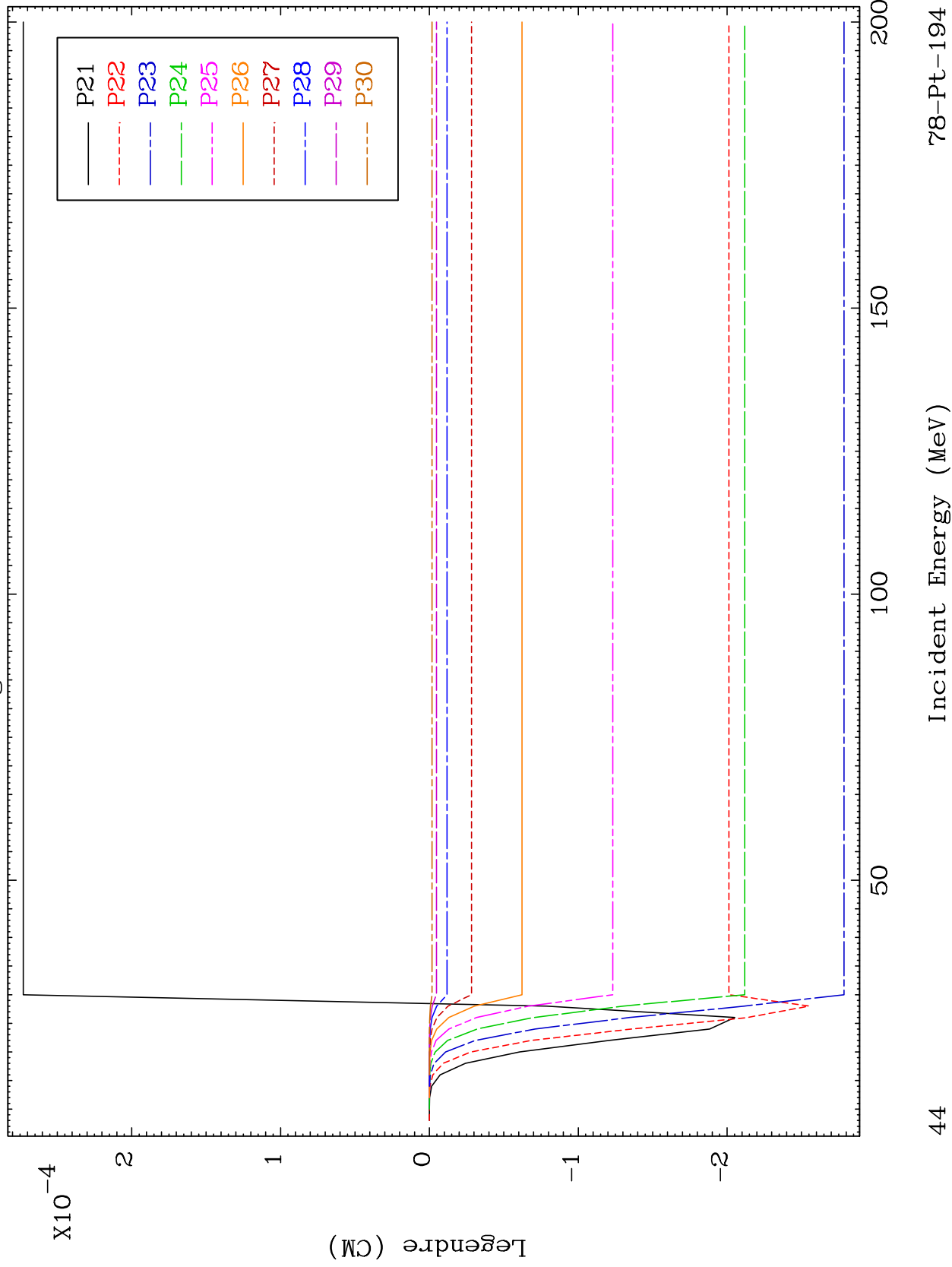
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.374 MeV (n,n') Level
Legendre Coefficients

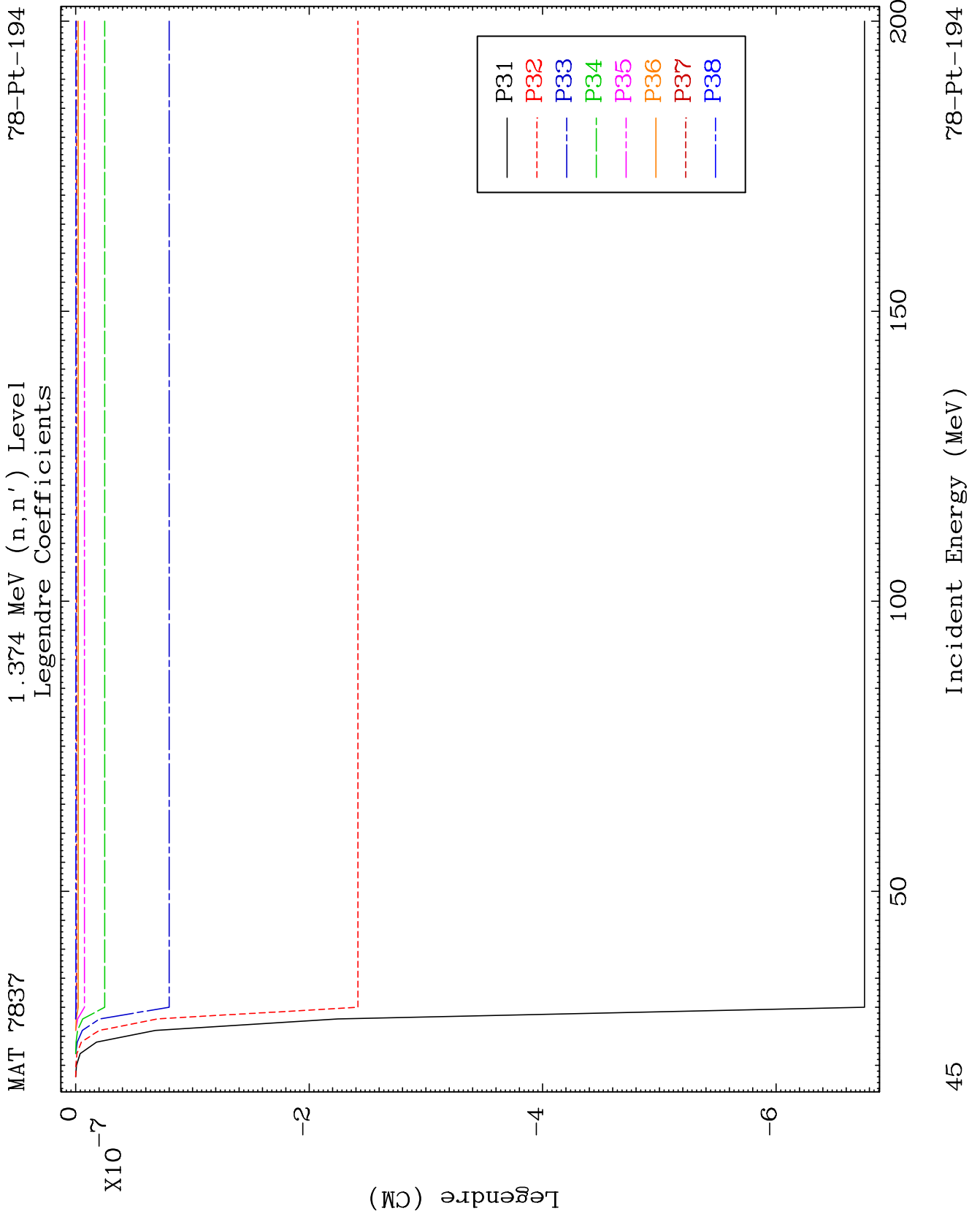
78-Pt-194



44

Incident Energy (MeV)

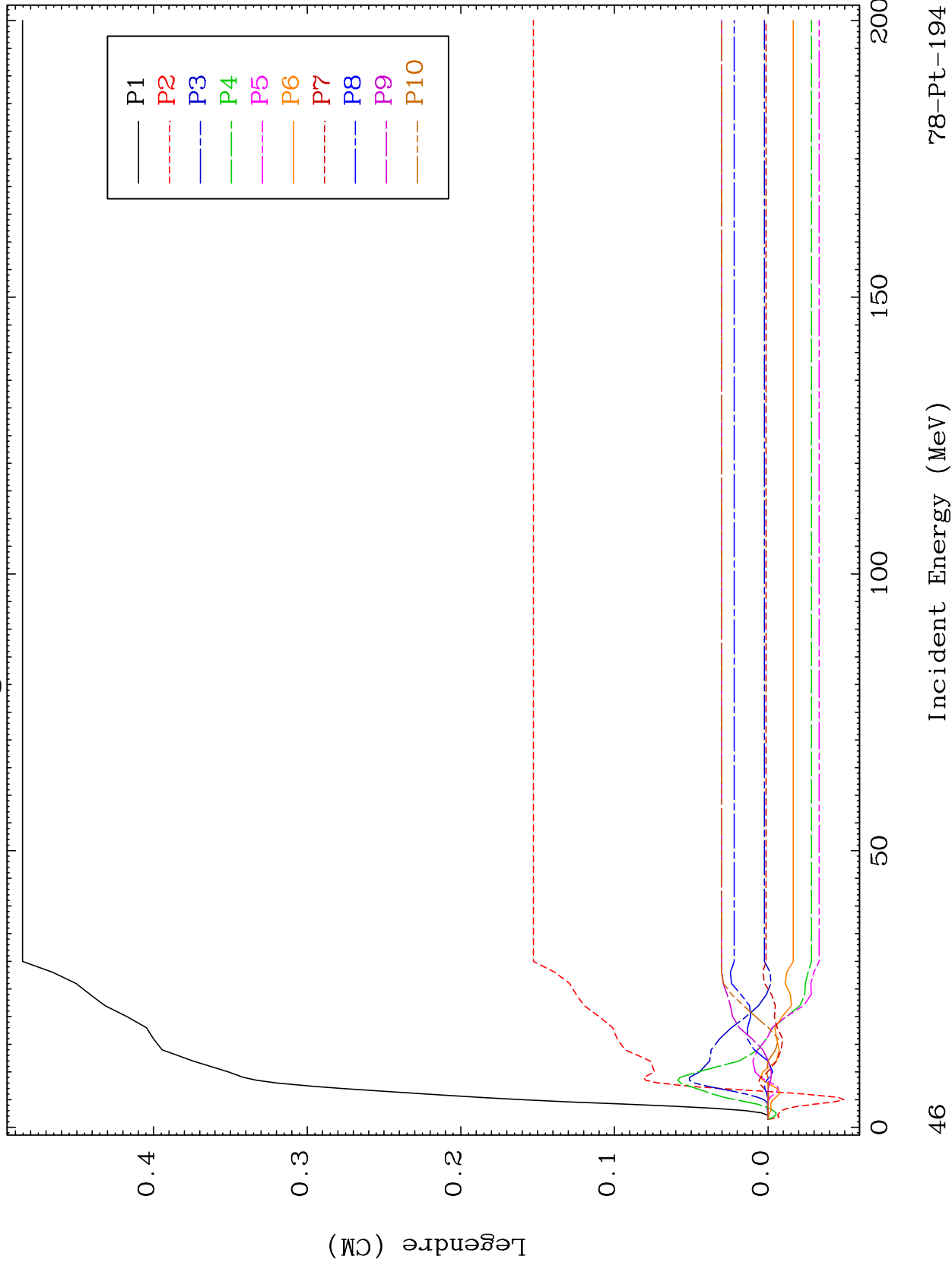
78-Pt-194



MAT 7837

1.412 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



78-Pt-194

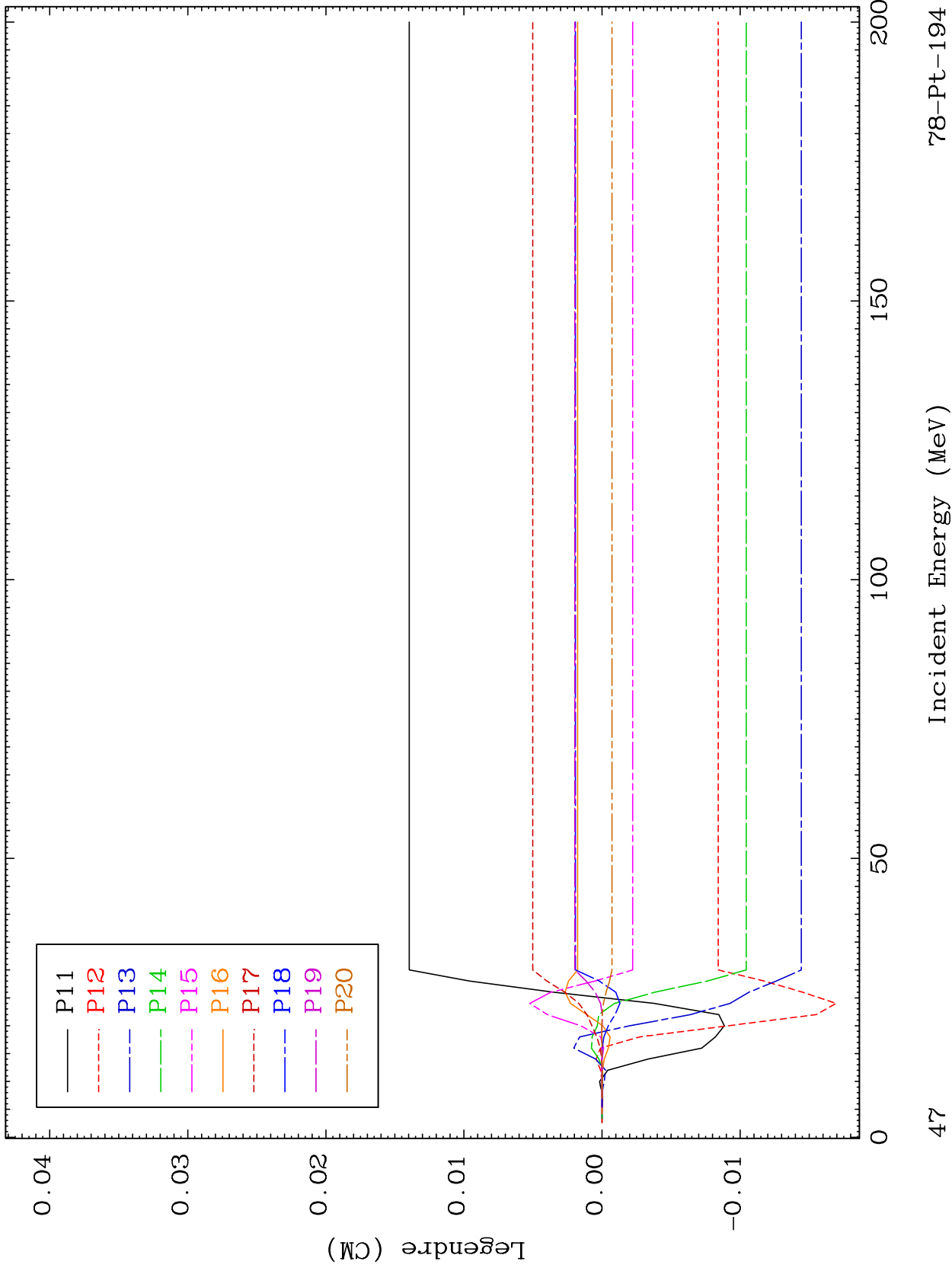
Incident Energy (MeV)

46

MAT 7837

1.412 MeV (n, n') Level
Legendre Coefficients

78-Pt-194



47

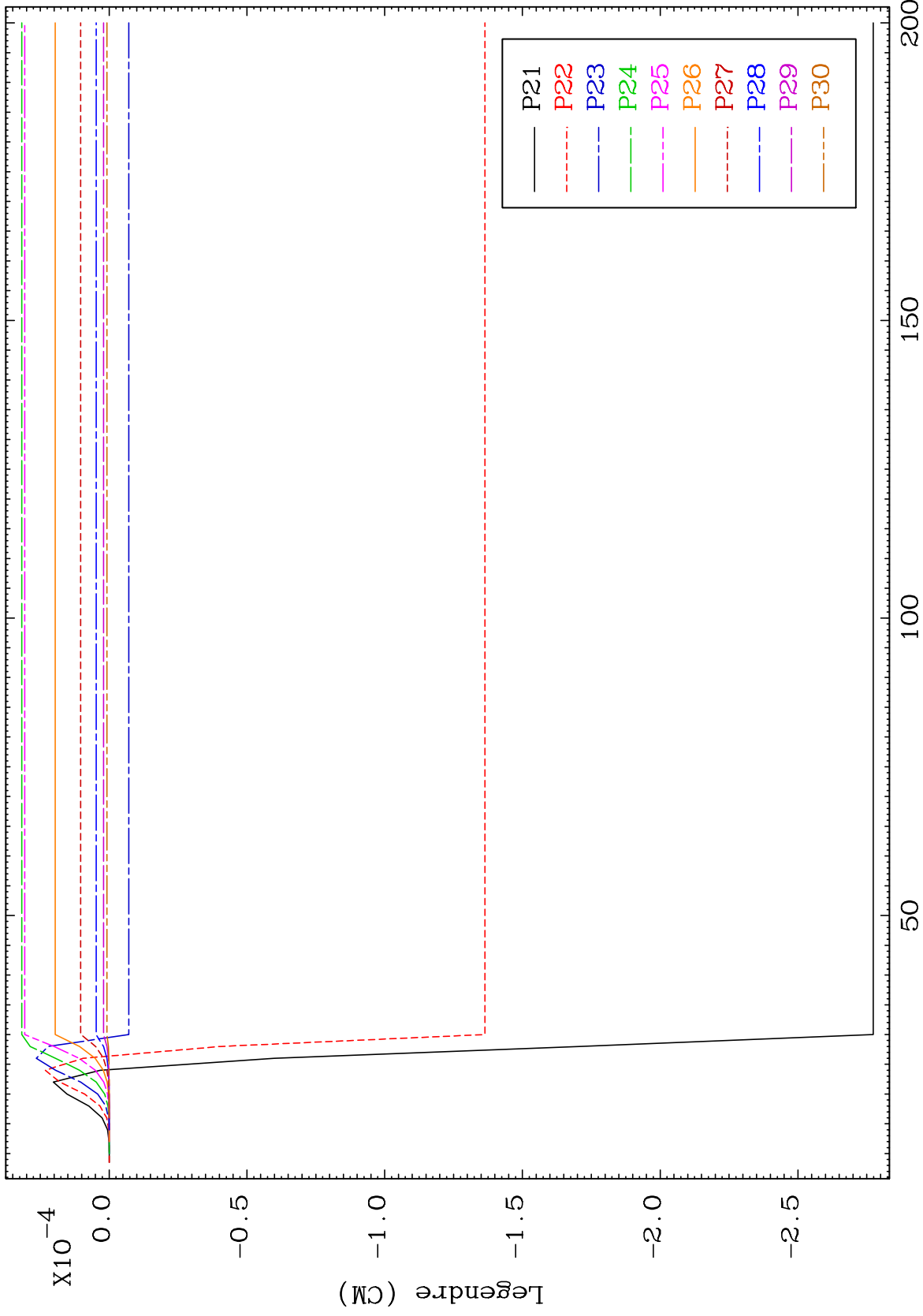
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.412 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



48

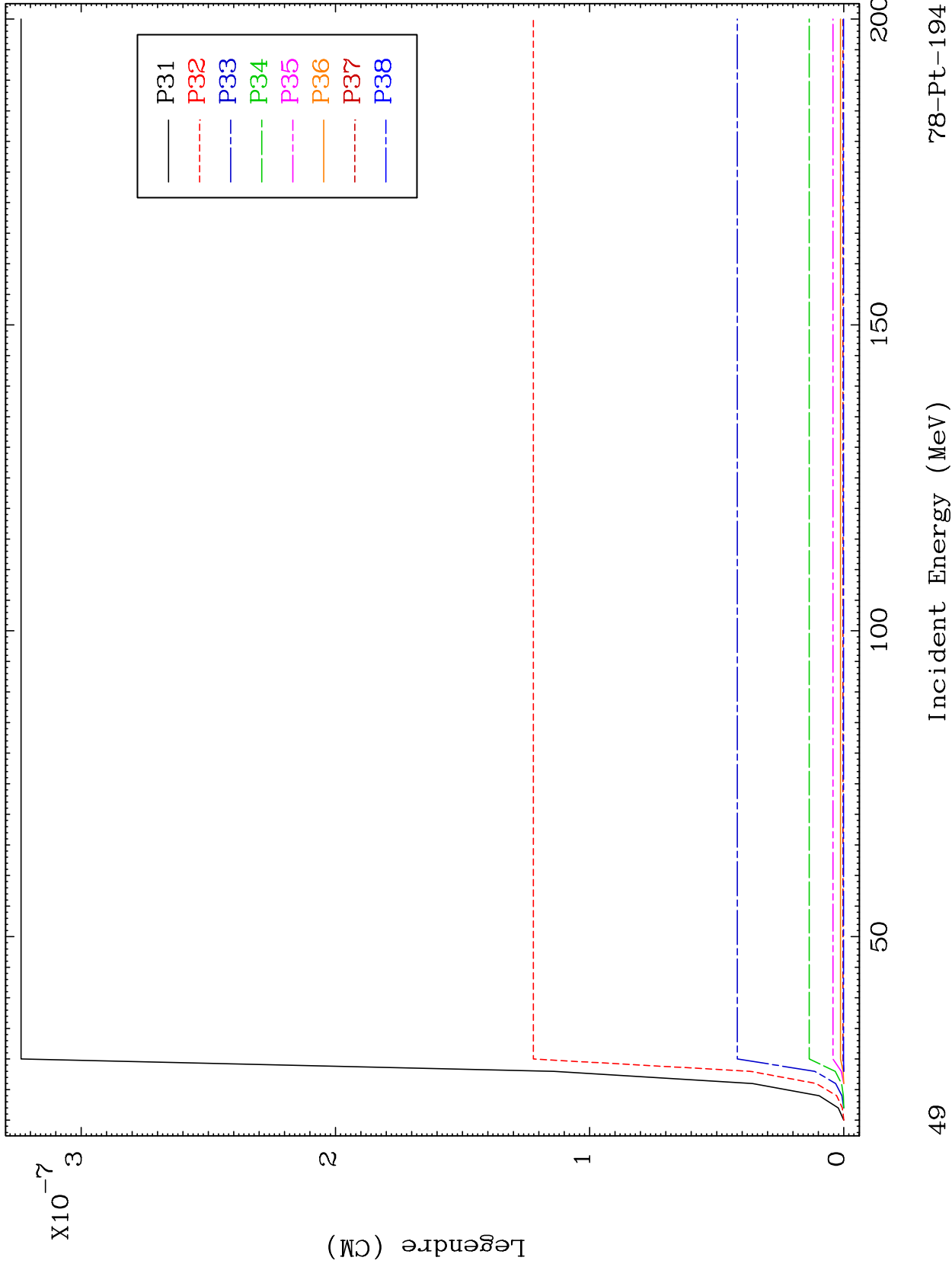
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.412 MeV (n,n') Level
Legendre Coefficients

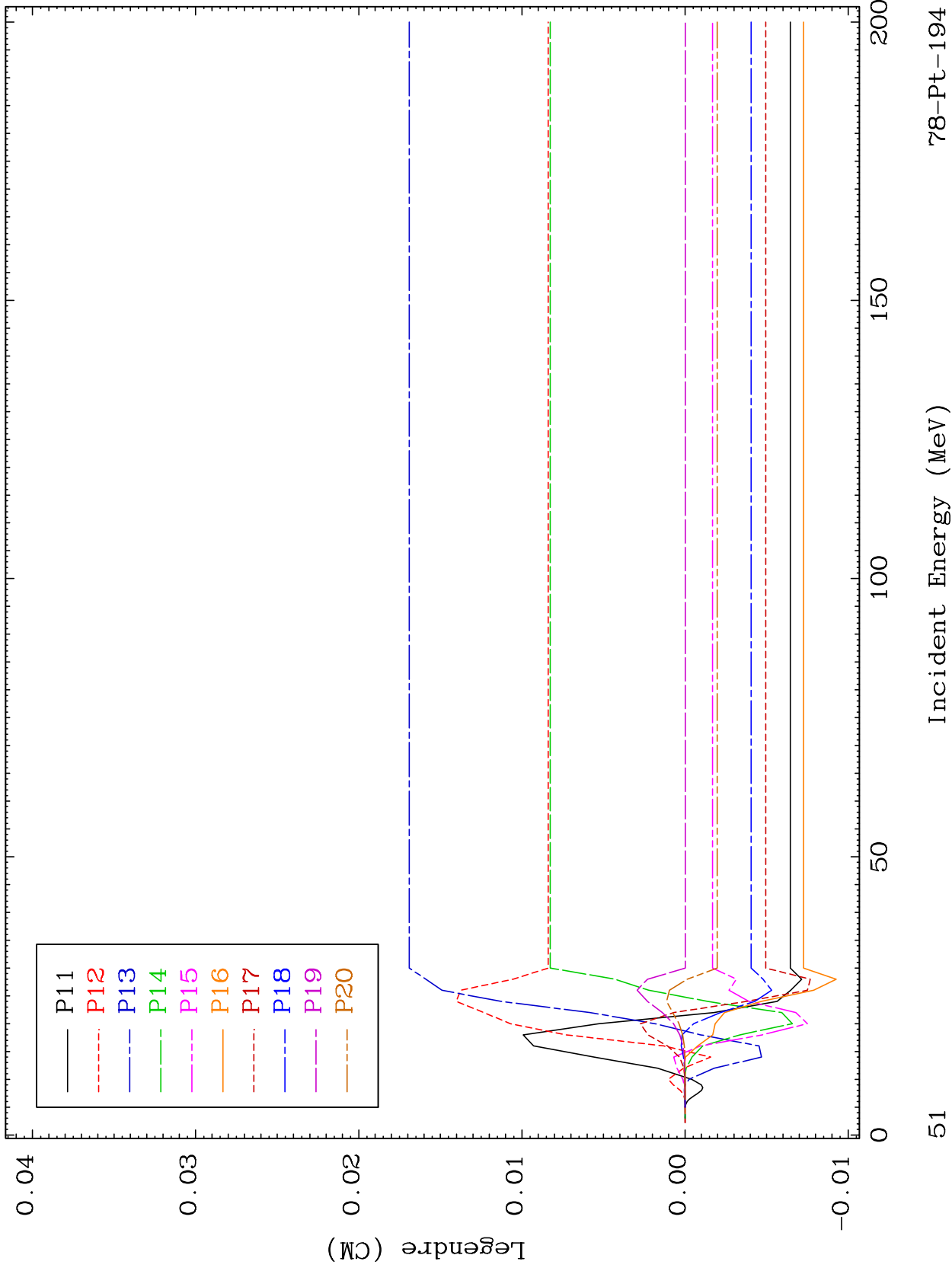
78-Pt-194



49

Incident Energy (MeV)

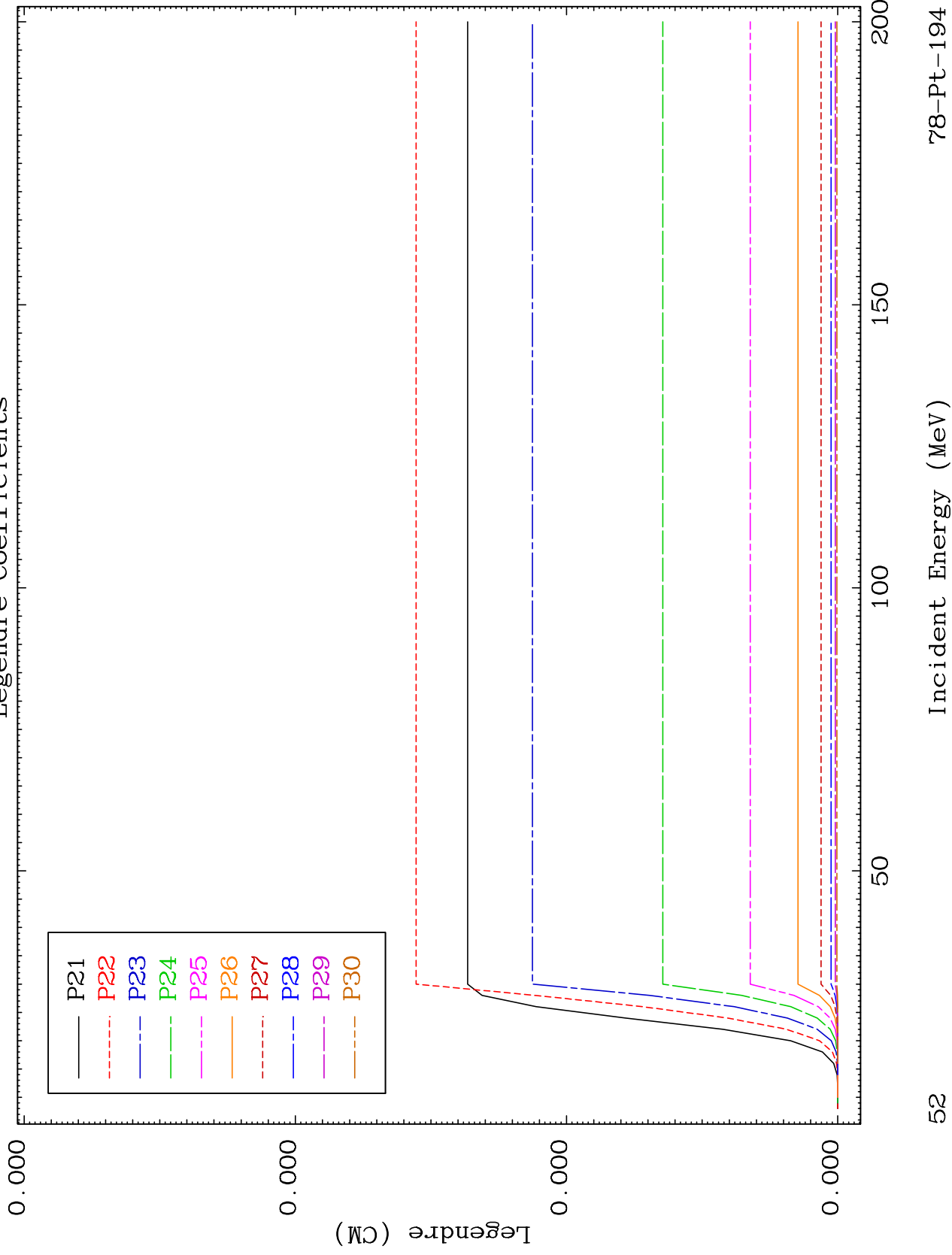
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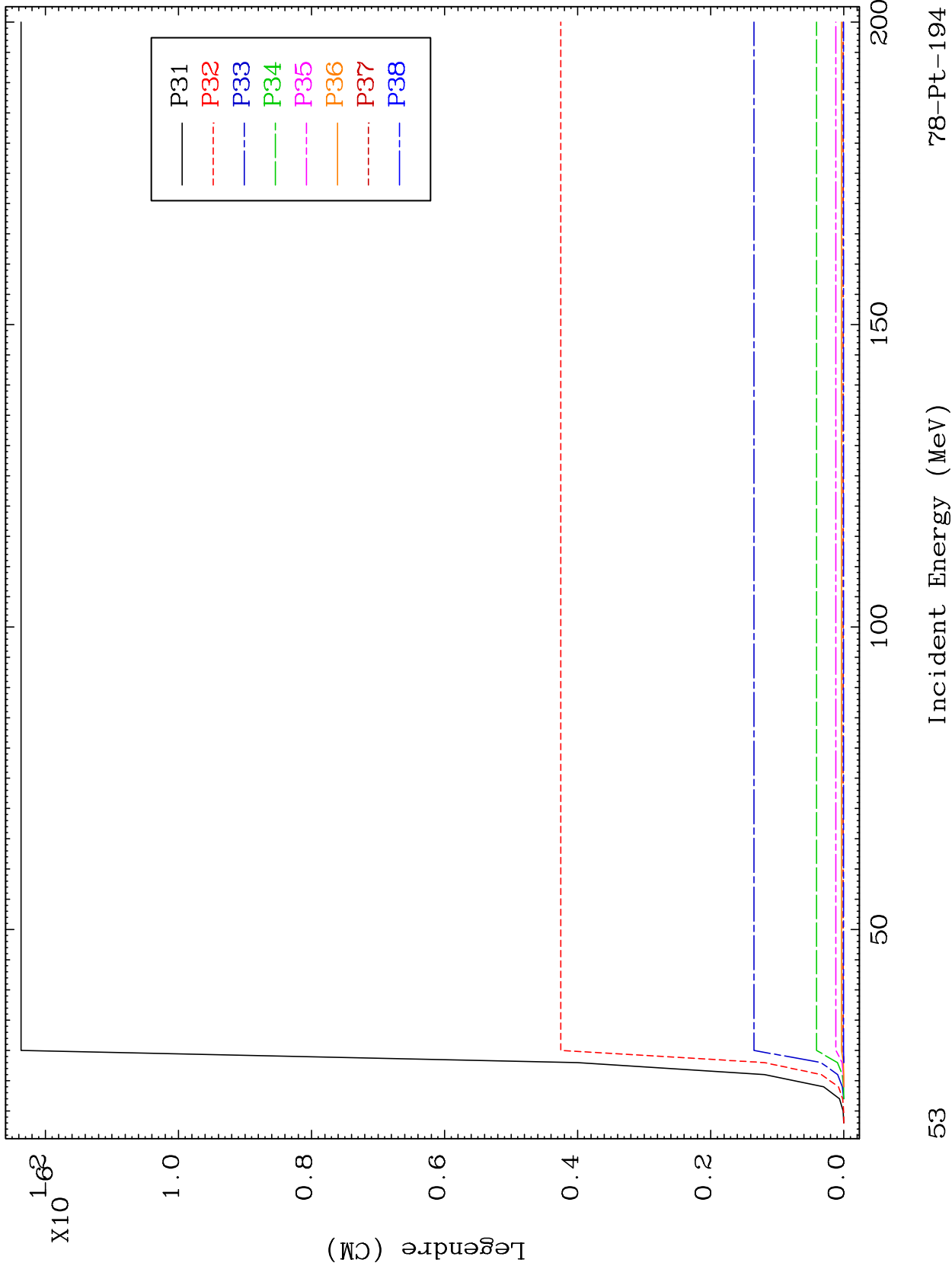
MAT 7837

1.422 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



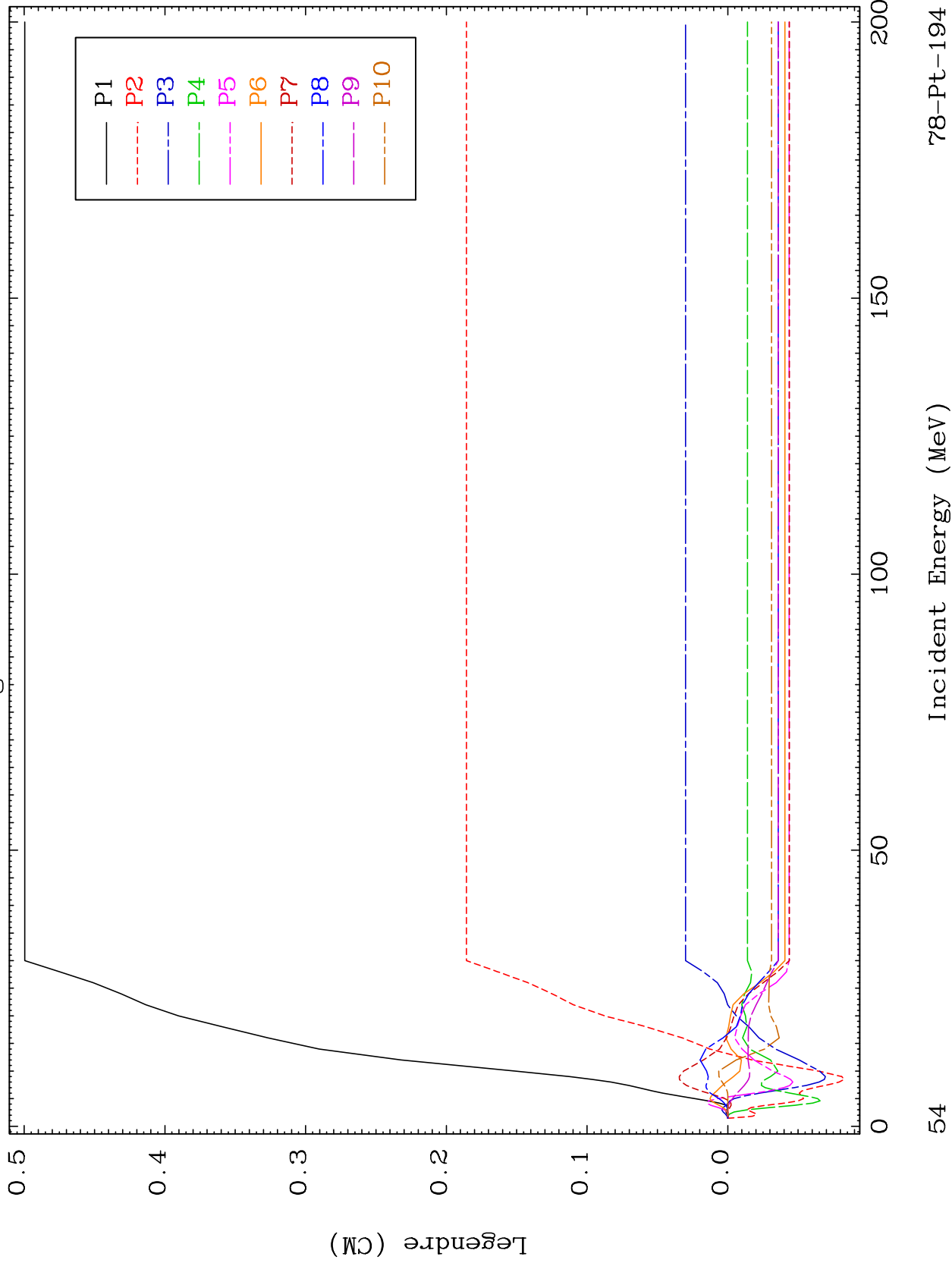
52



MAT 7837

1.433 MeV (n,n') Level
Legendre Coefficients

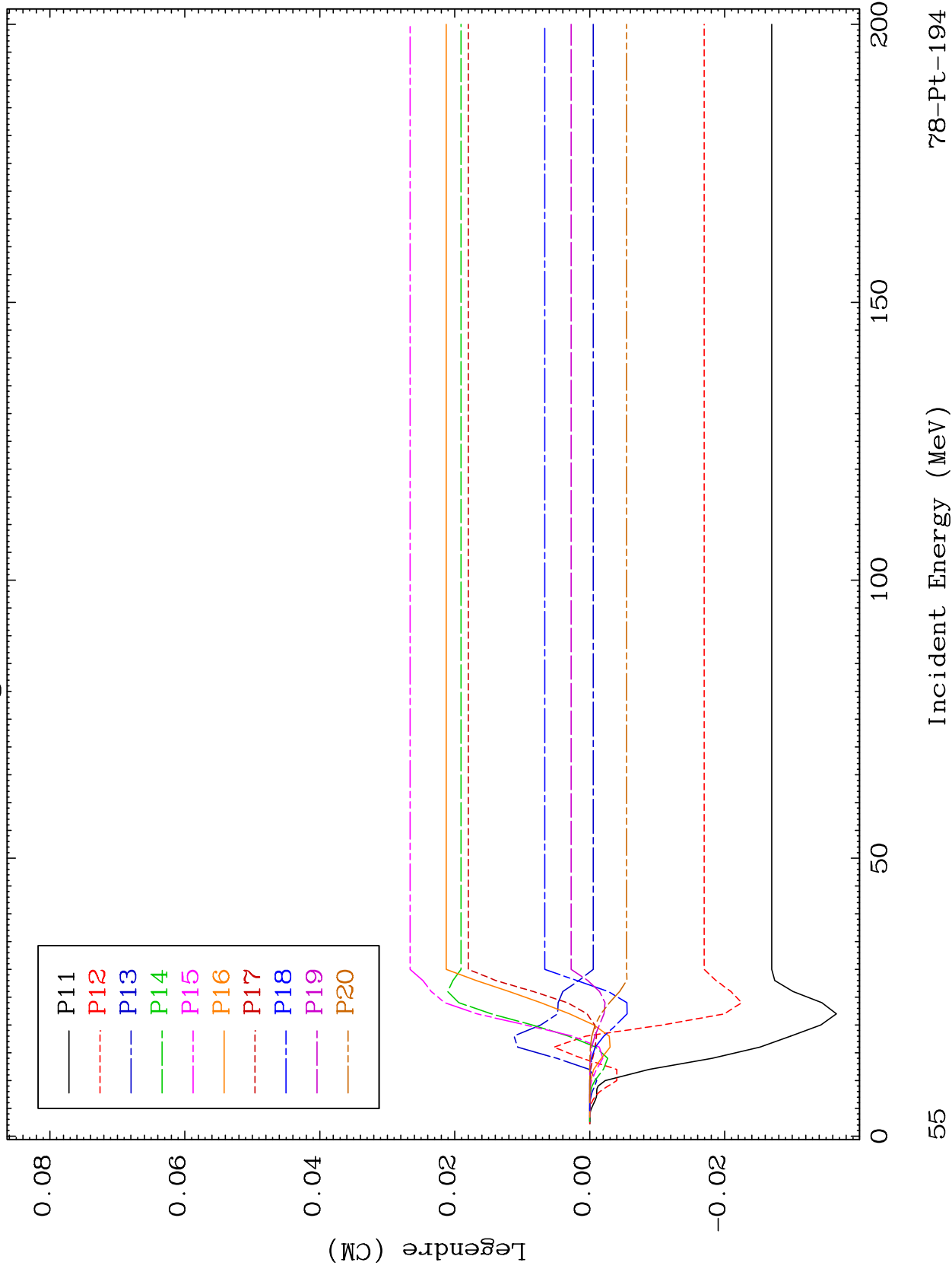
78-Pt-194



MAT 7837

1.433 MeV (n, n') Level
Legendre Coefficients

78-Pt-194



78-Pt-194

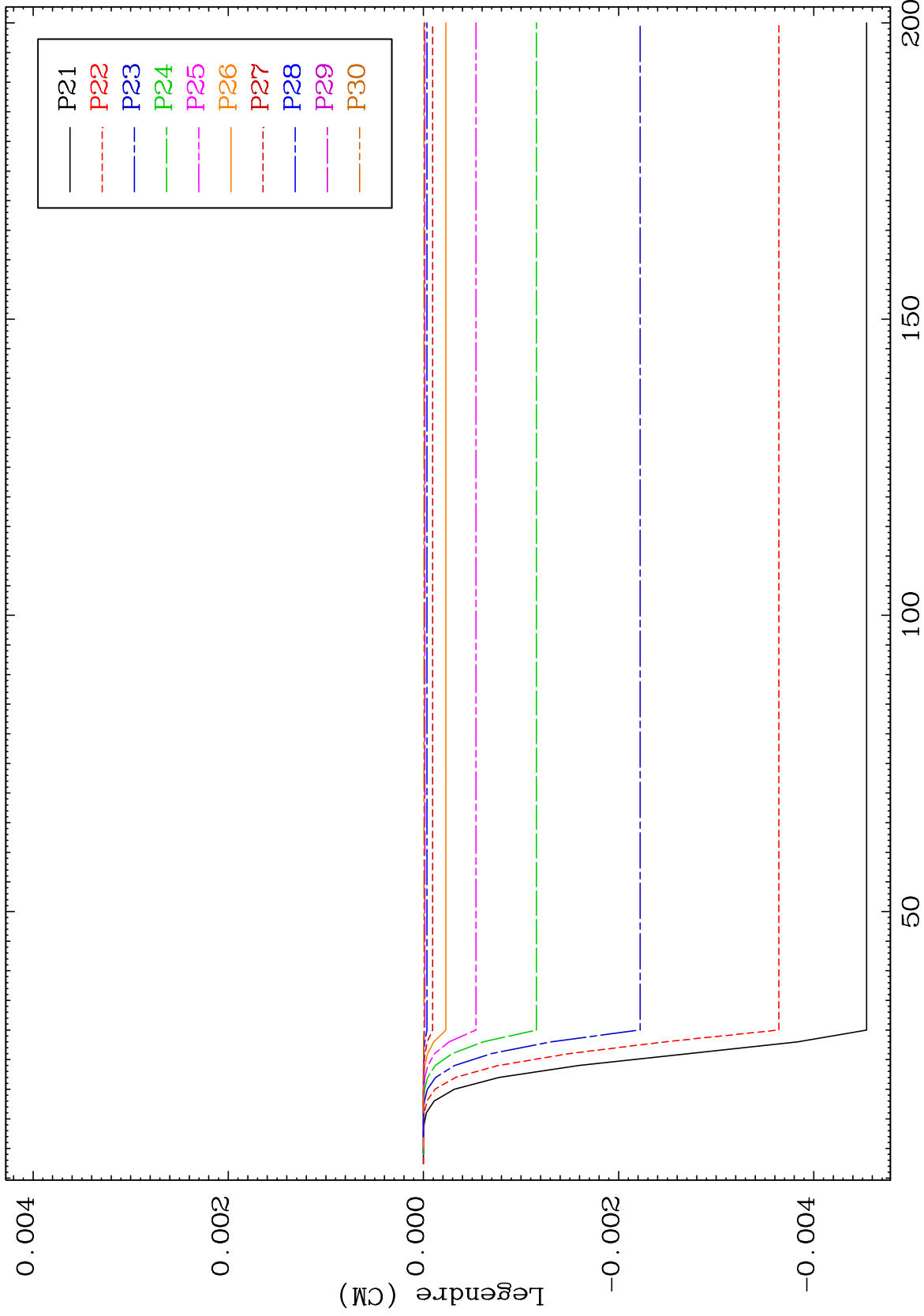
Incident Energy (MeV)

55

MAT 7837

1.433 MeV (n,n') Level
Legendre Coefficients

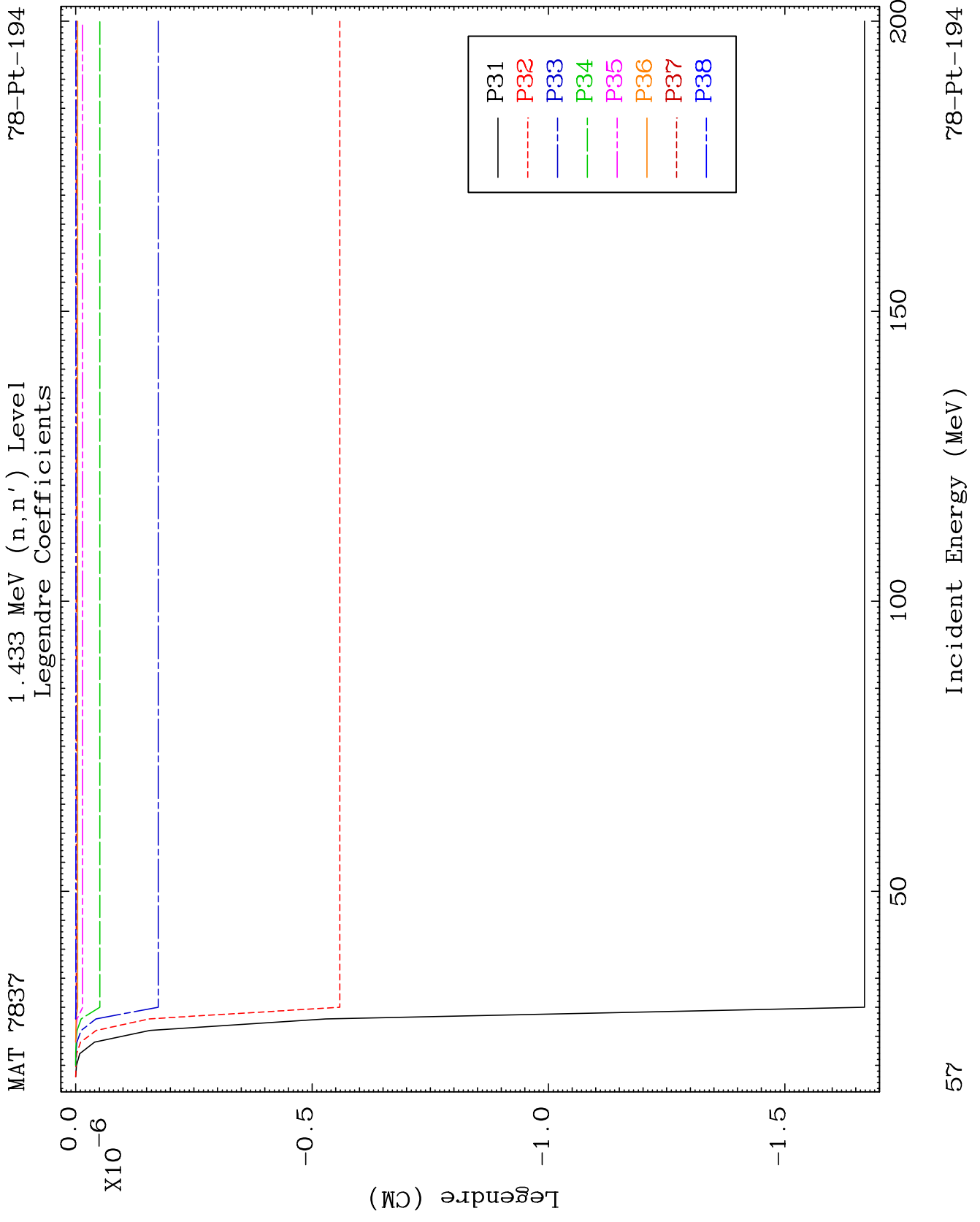
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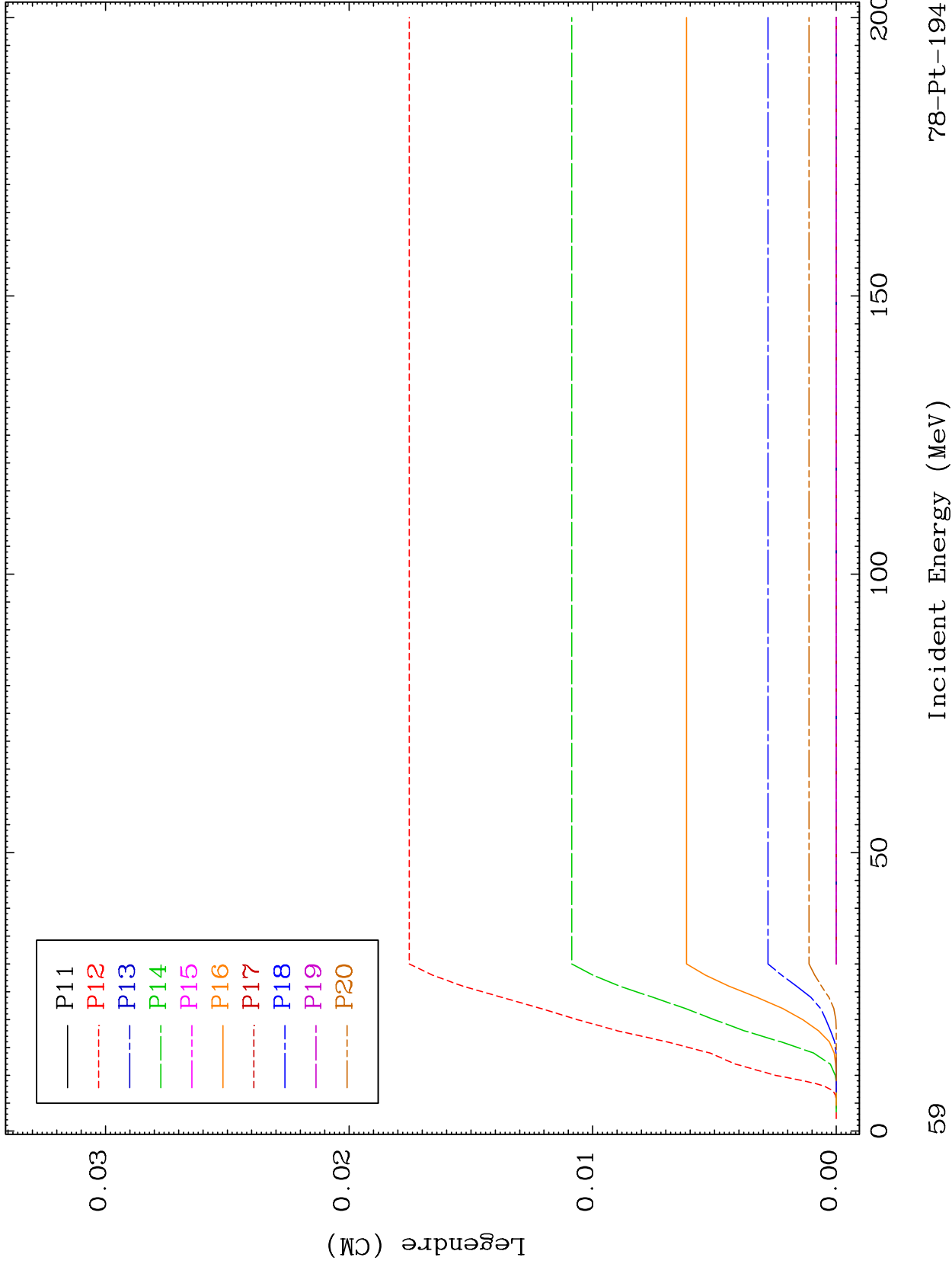


56

Incident Energy (MeV)

78-Pt-194

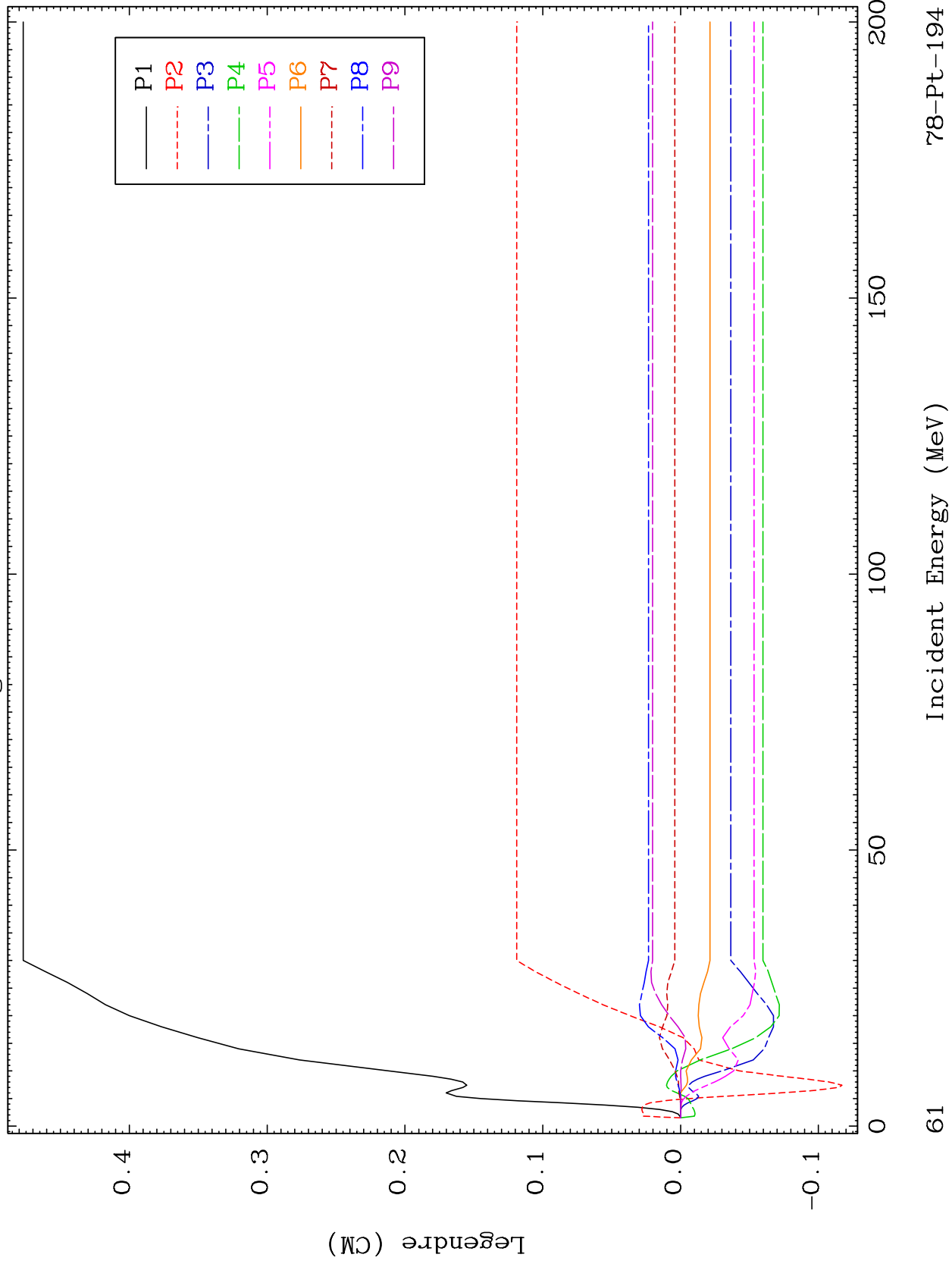




MAT 7837

1.485 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



78-Pt-194

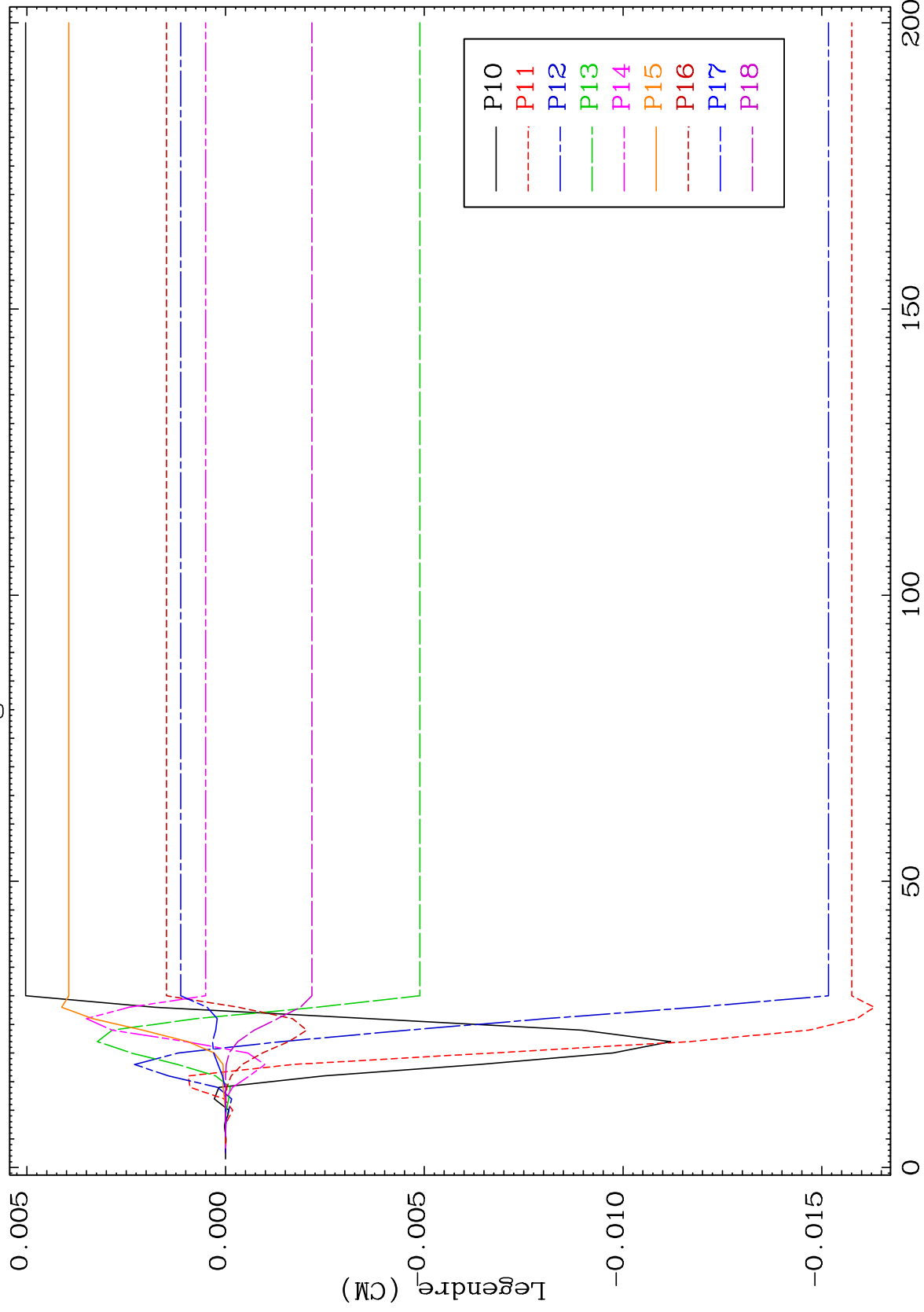
Incident Energy (MeV)

61

MAT 7837

1.485 MeV (n,n') Level
Legendre Coefficients

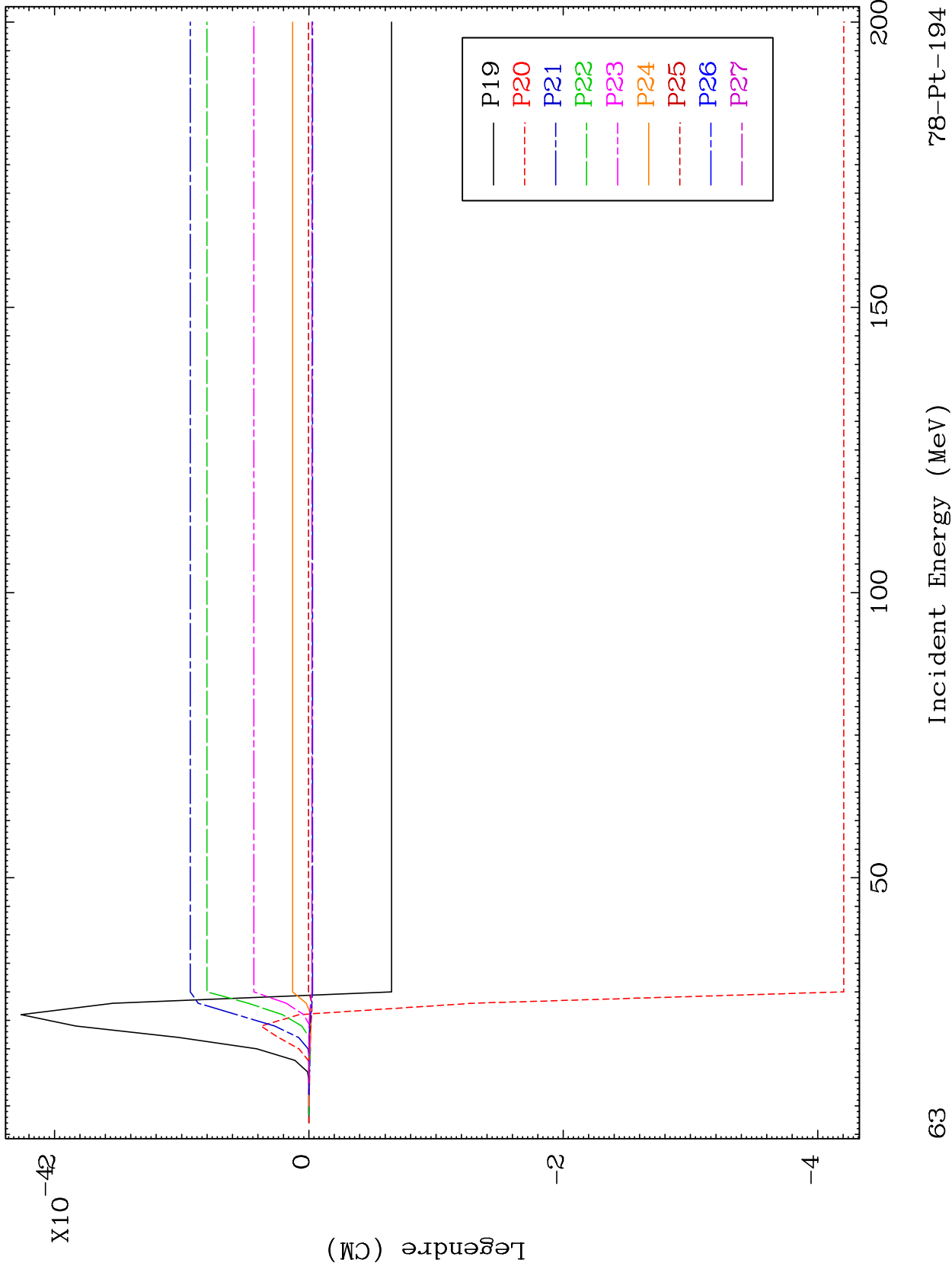
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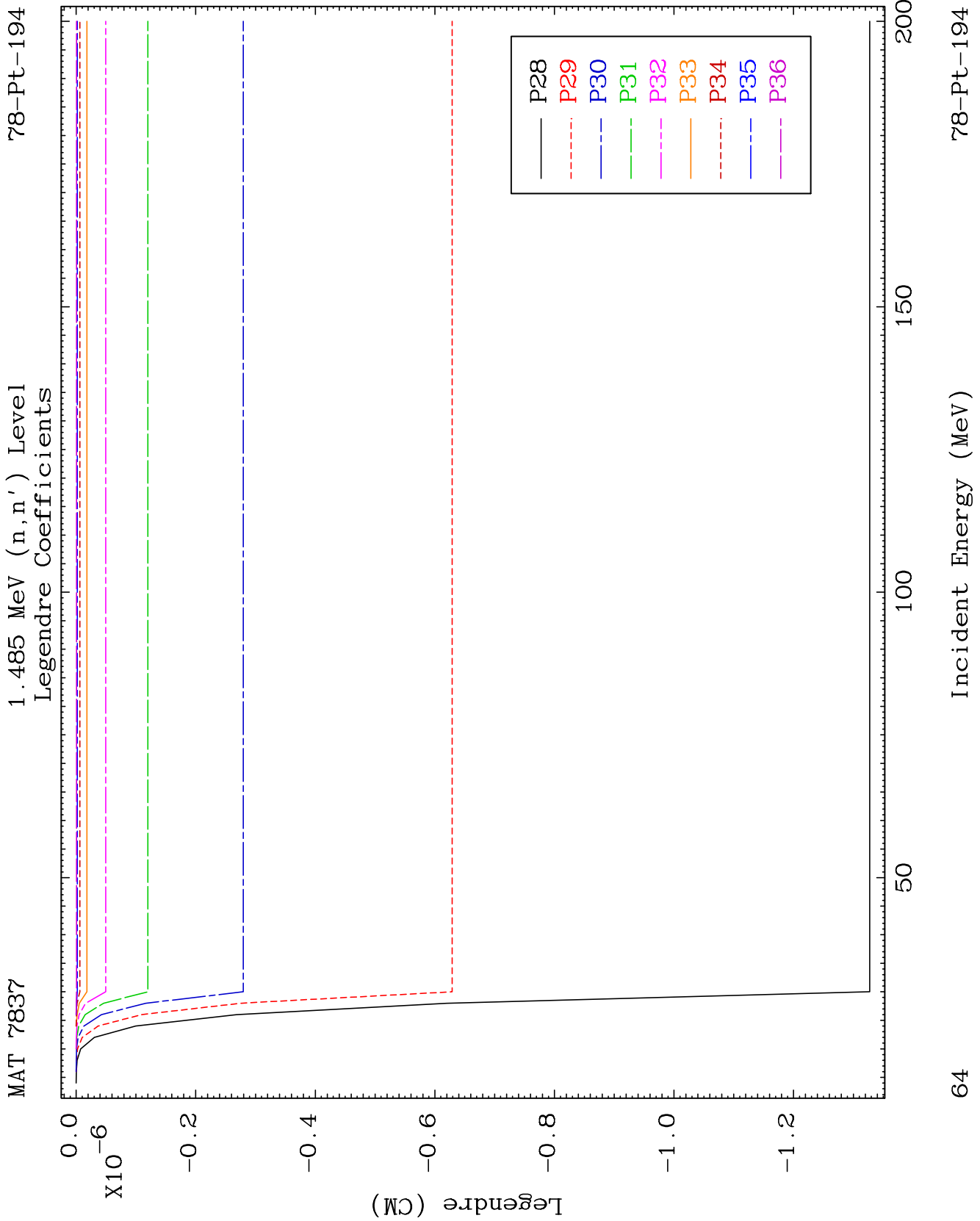


62

Incident Energy (MeV)

78-Pt-194

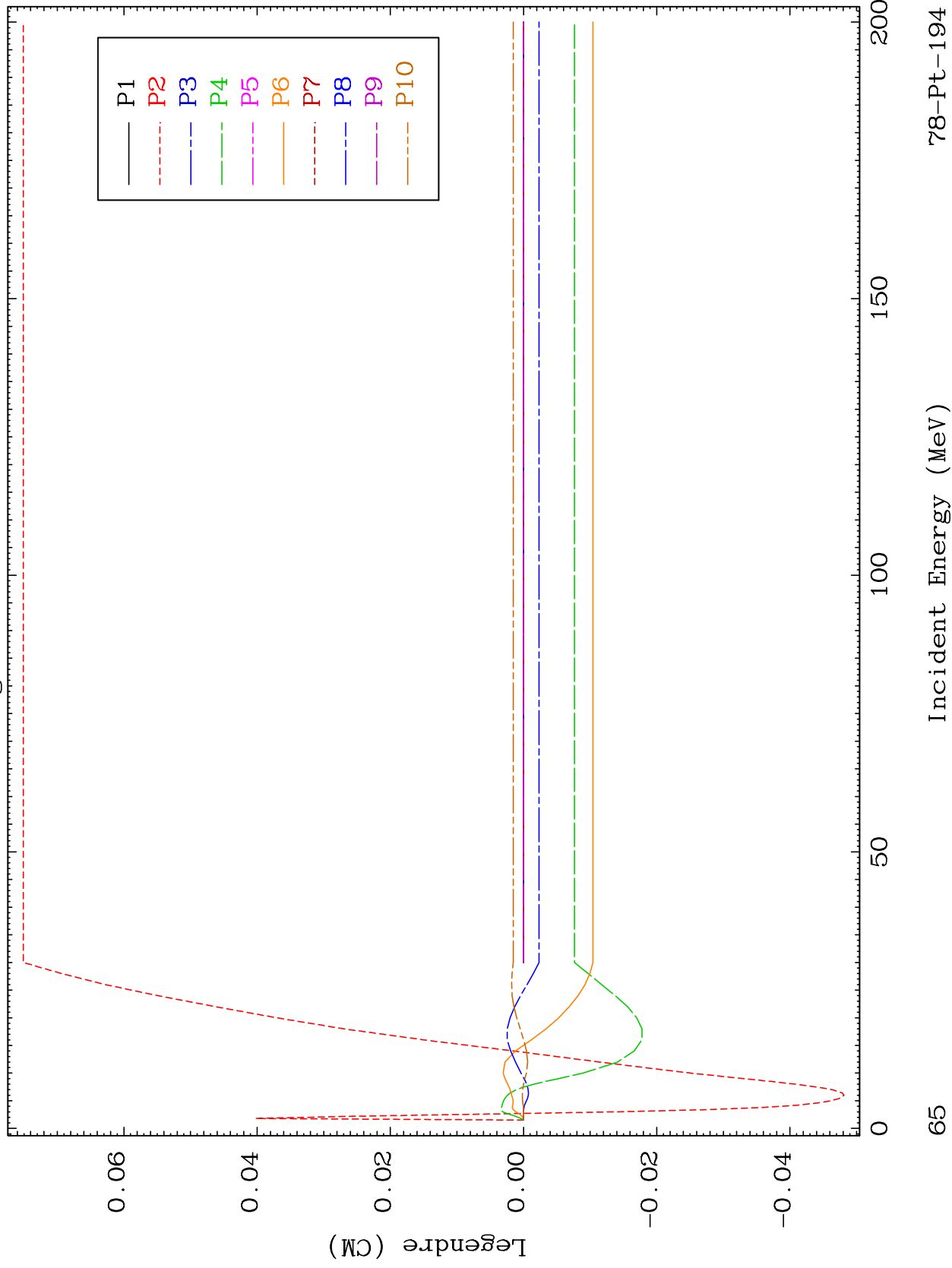




MAT 7837

1.499 MeV (n,n') Level
Legendre Coefficients

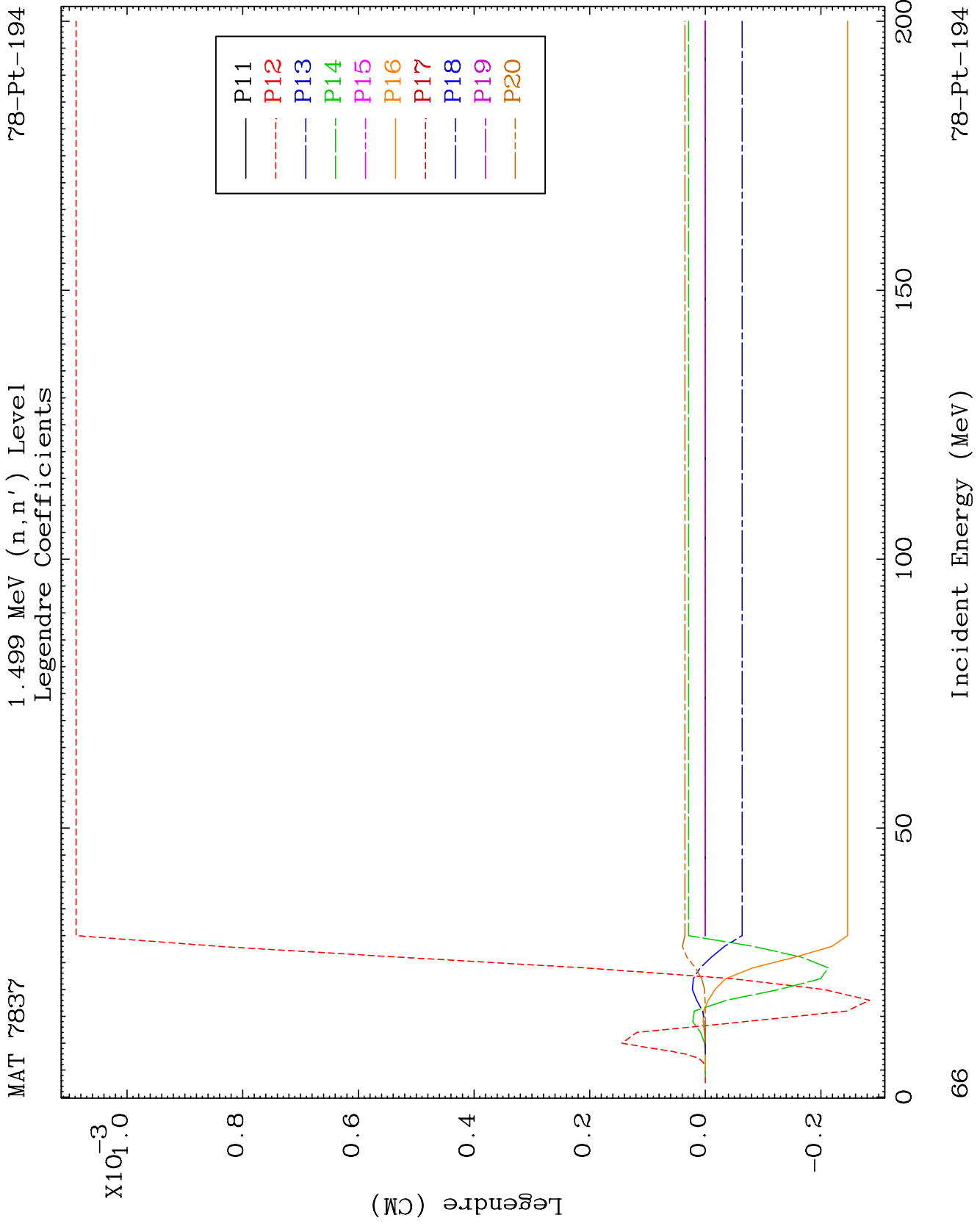
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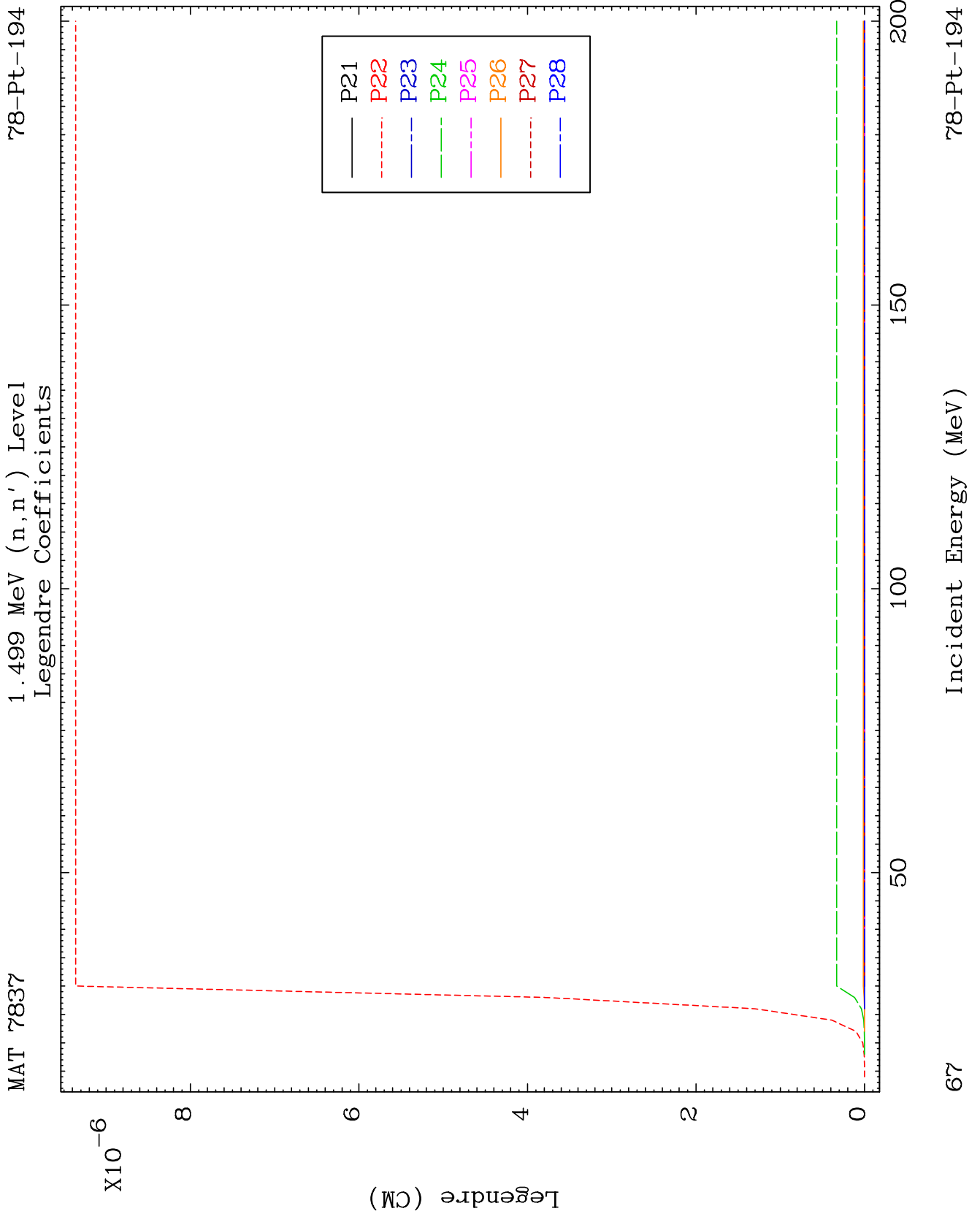


78-Pt-194

Incident Energy (MeV)

65

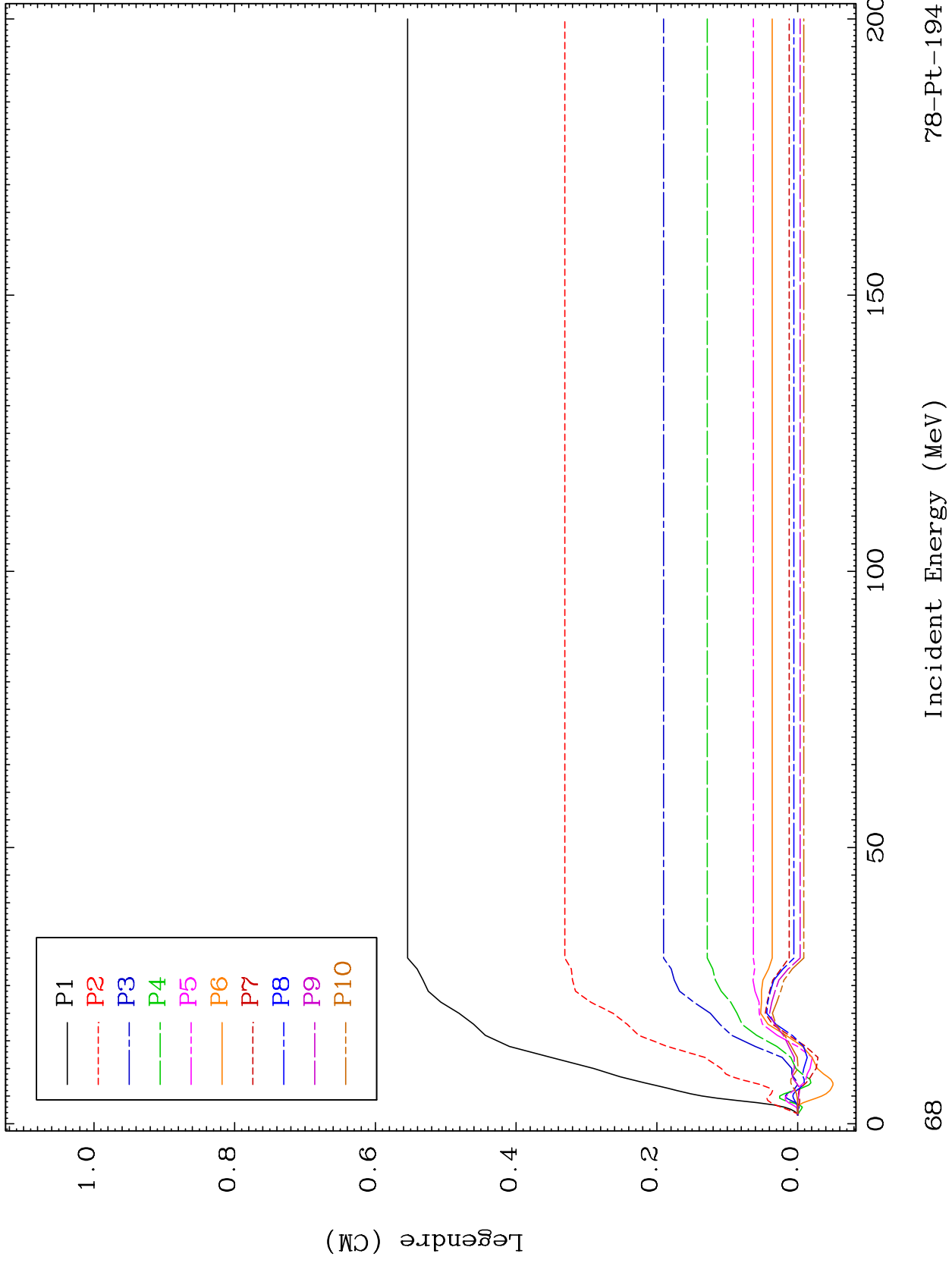




MAT 7837

1.512 MeV (n, n') Level
Legendre Coefficients

78-Pt-194



68

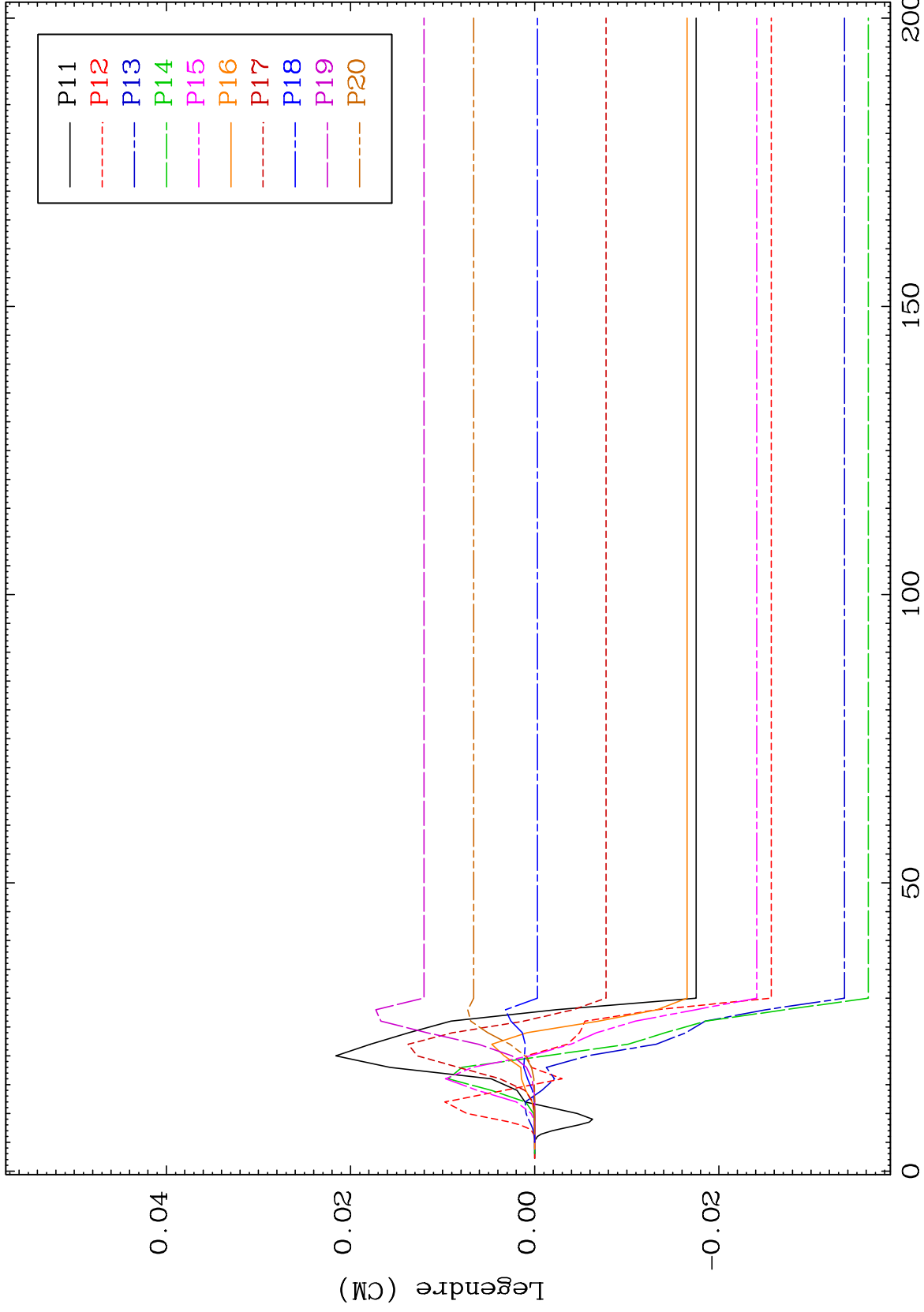
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.512 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



69

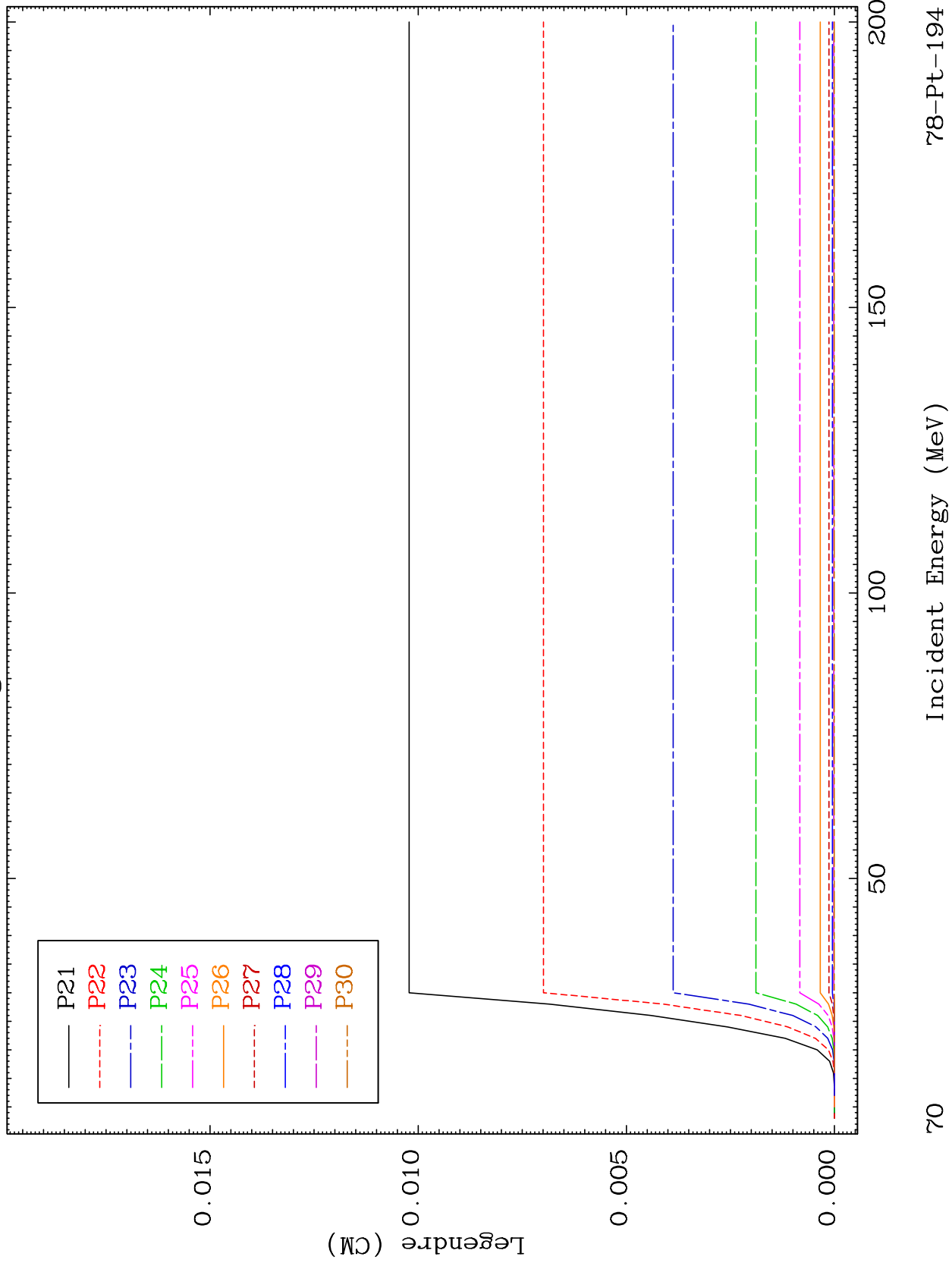
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.512 MeV (n,n') Level
Legendre Coefficients

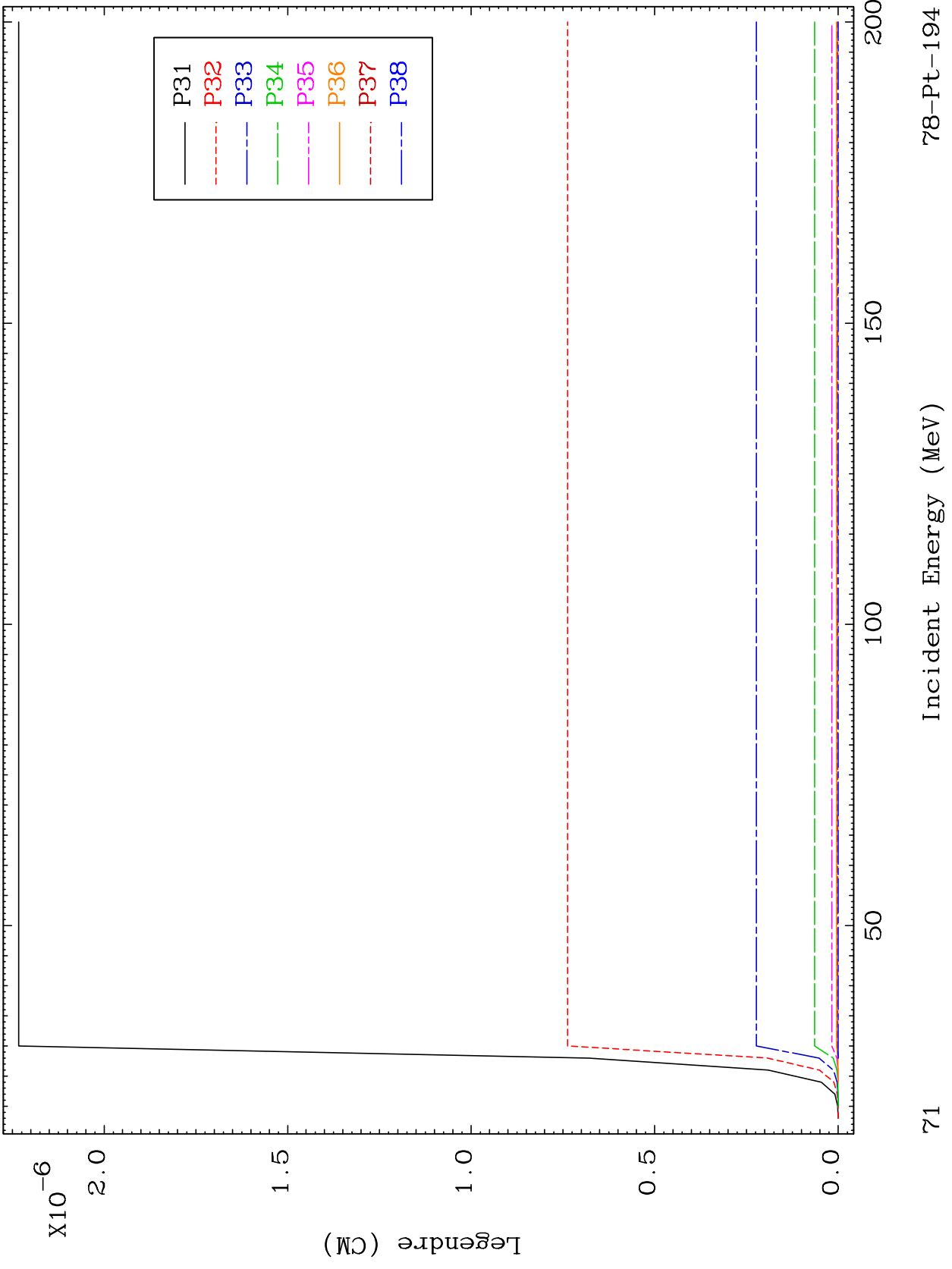
78-Pt-194

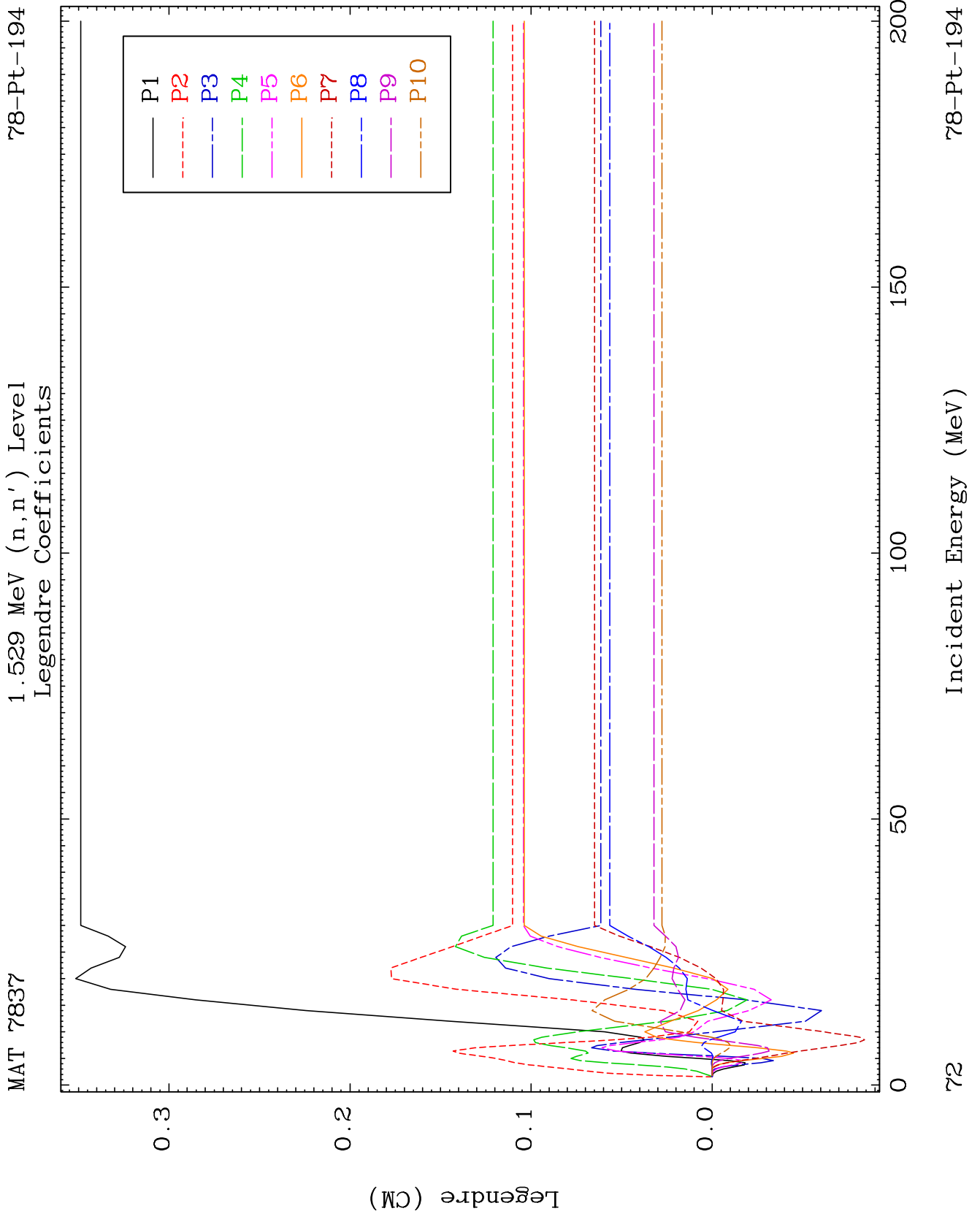


70

Incident Energy (MeV)

78-Pt-194

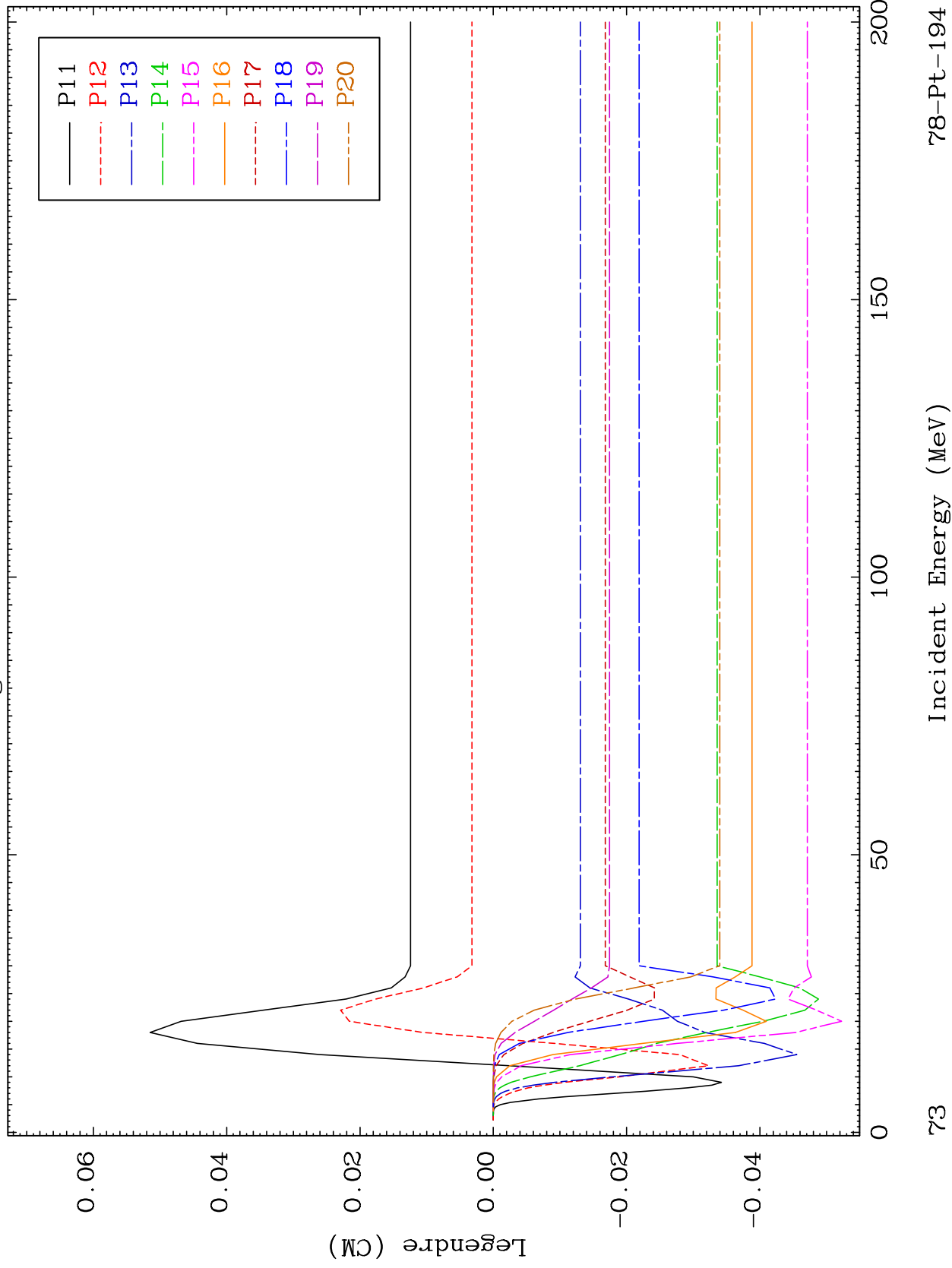




MAT 7837

1.529 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



73

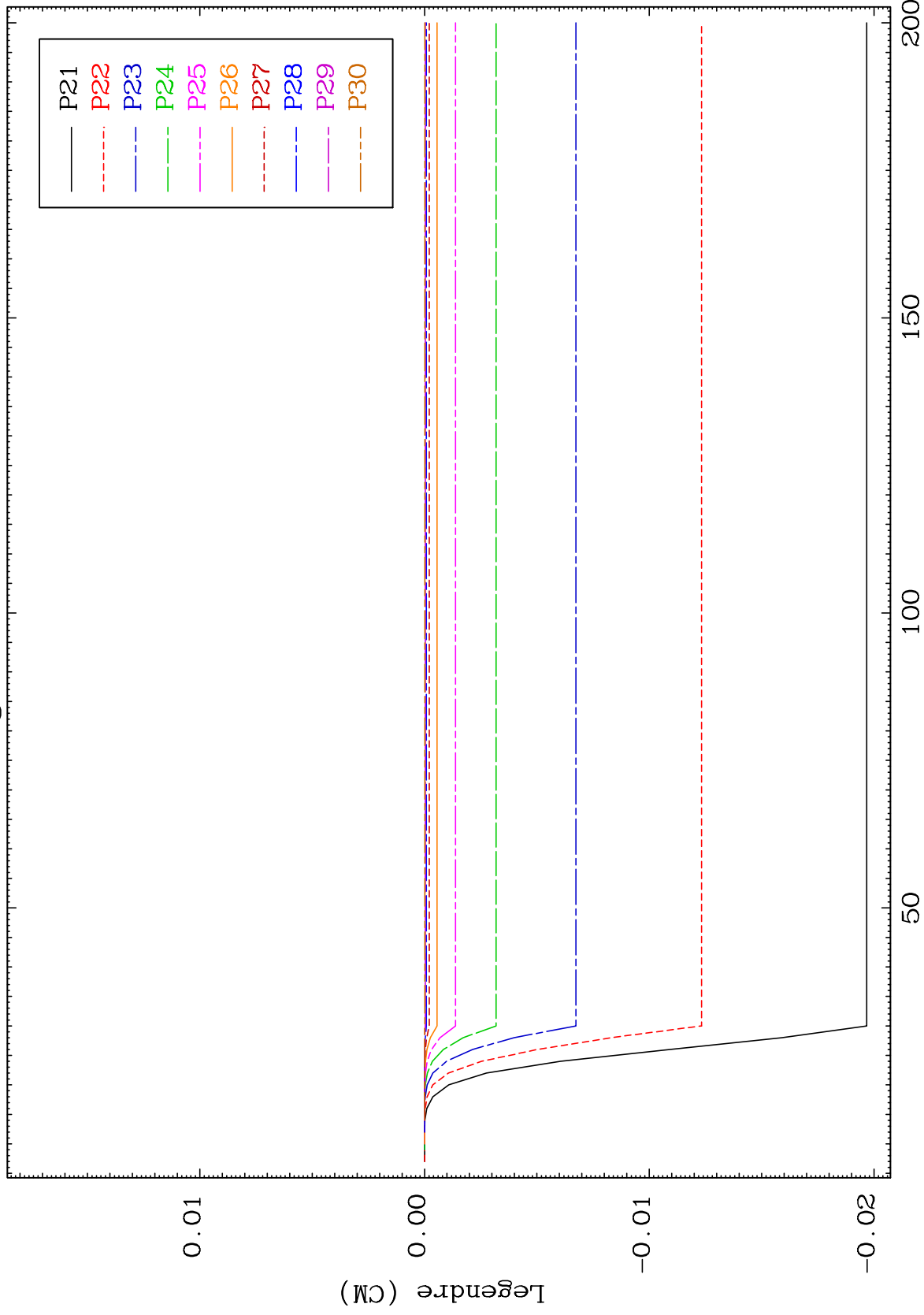
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.529 MeV (n,n') Level
Legendre Coefficients

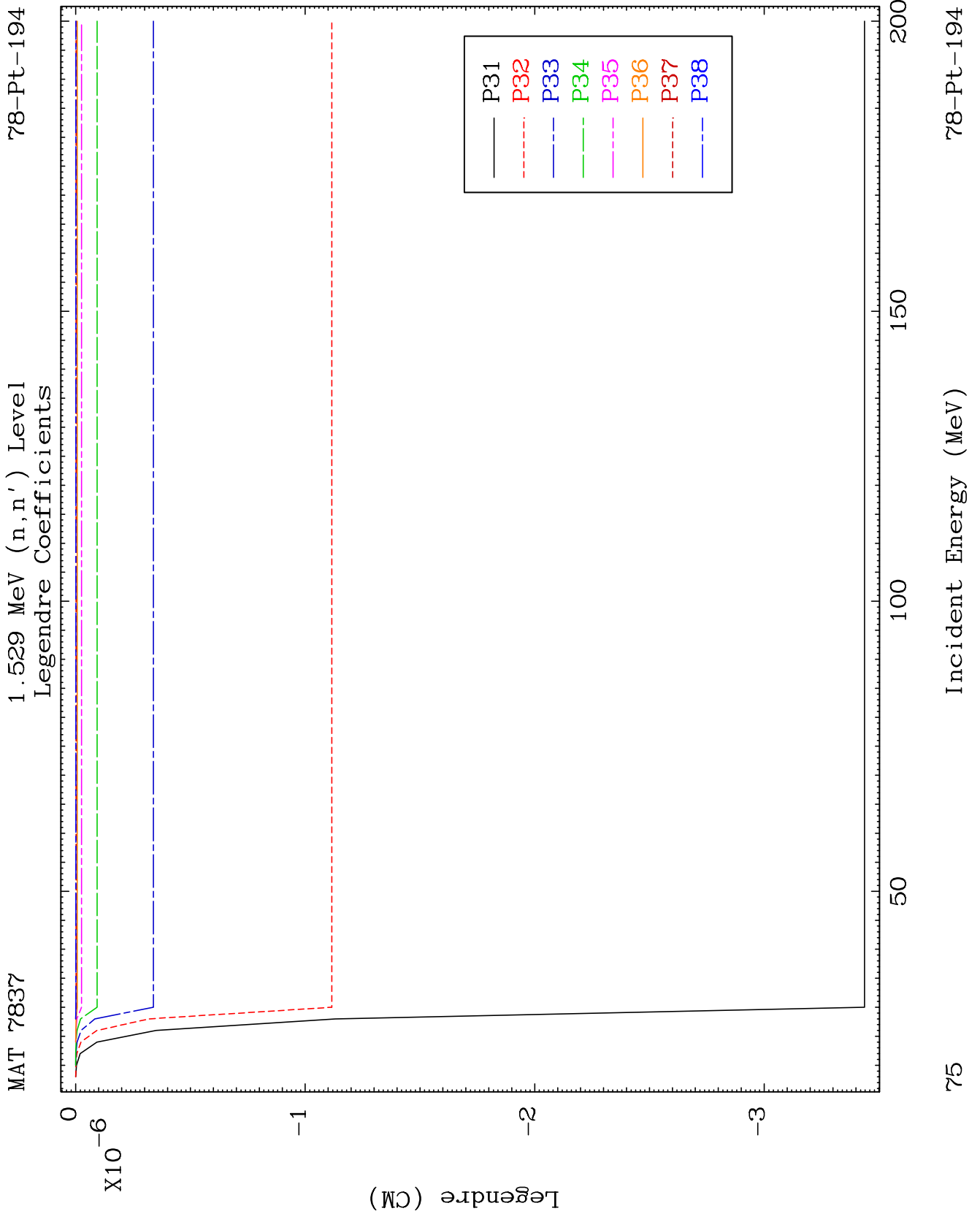
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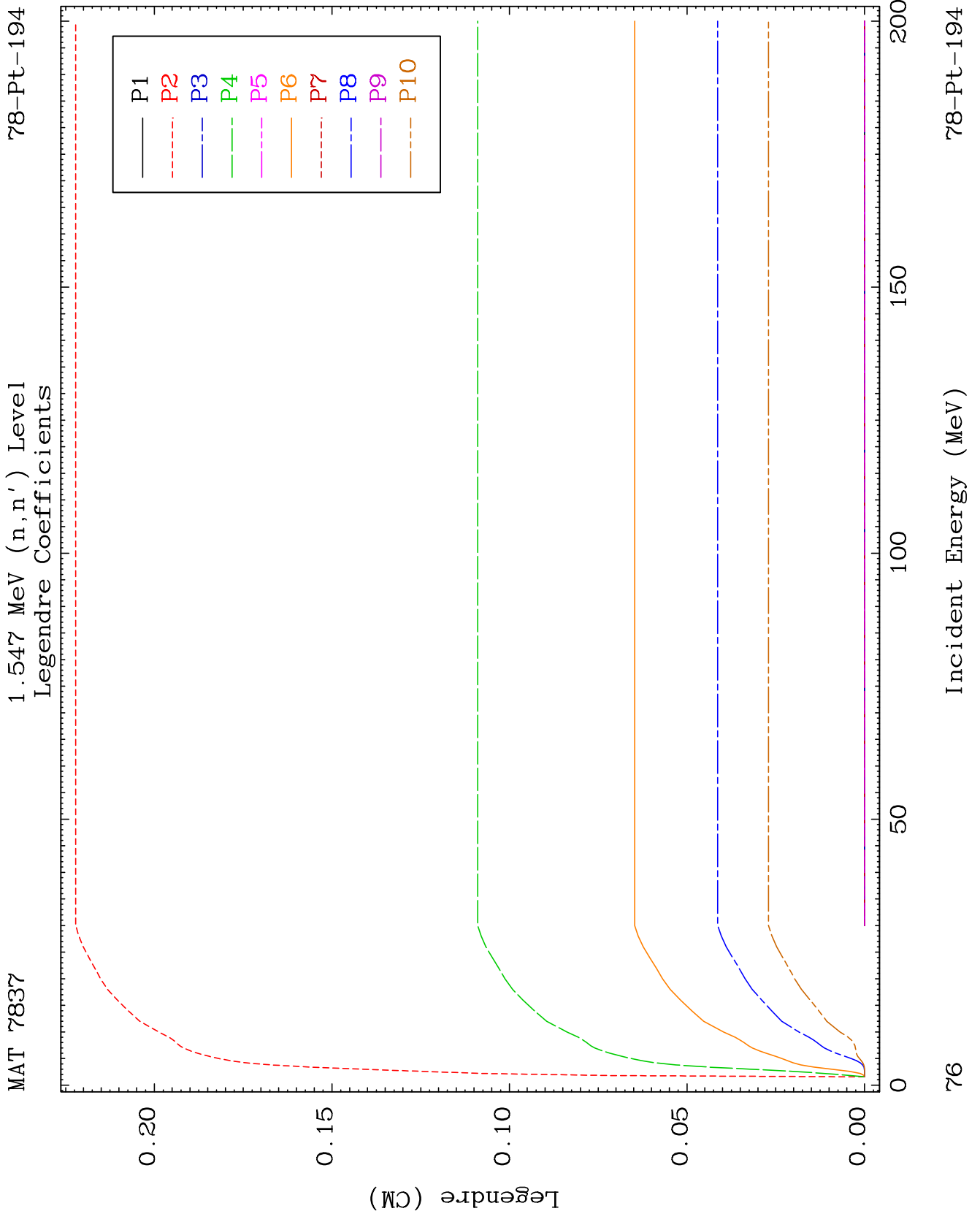


74

Incident Energy (MeV)

78-Pt-194

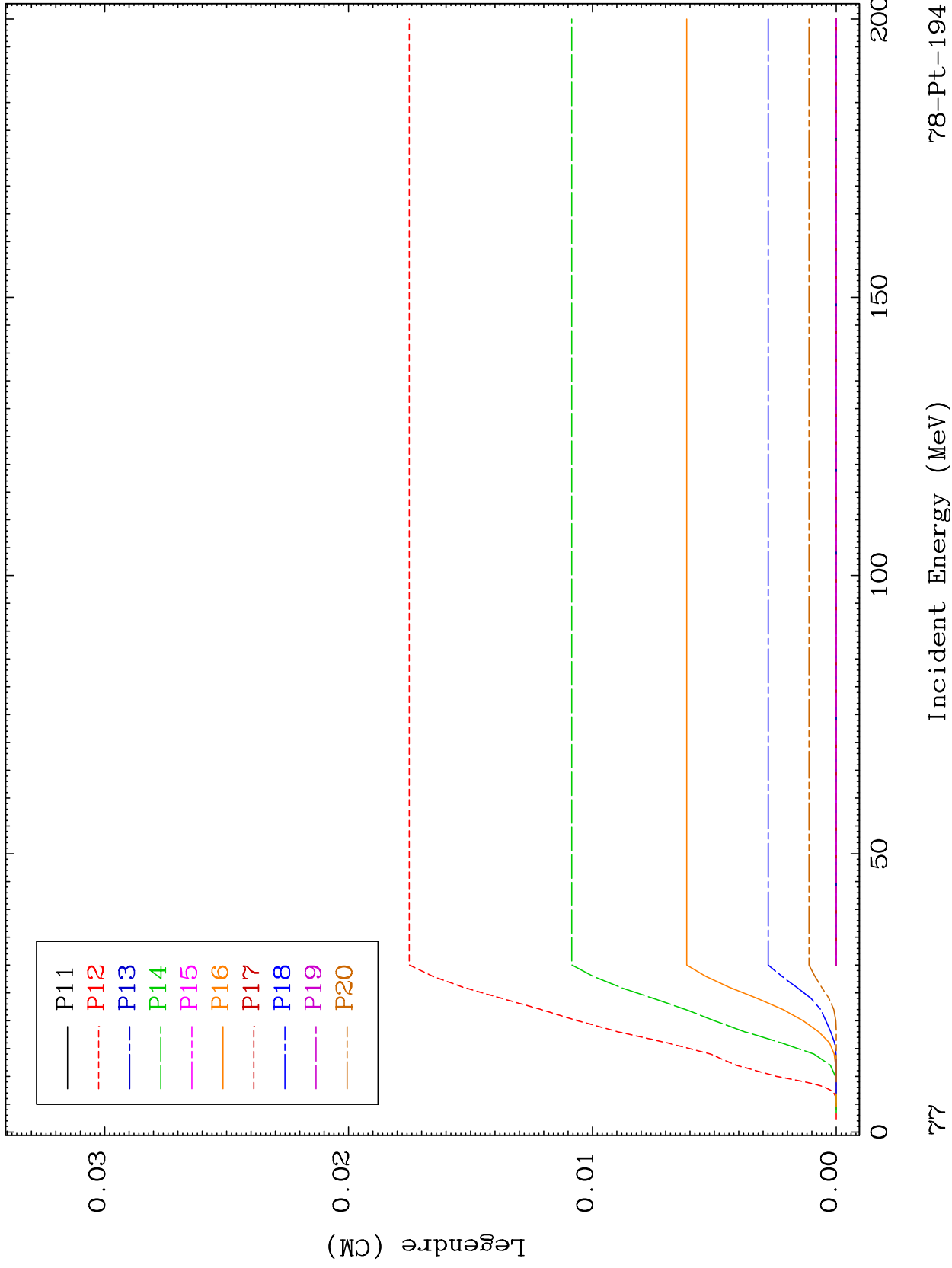




MAT 7837

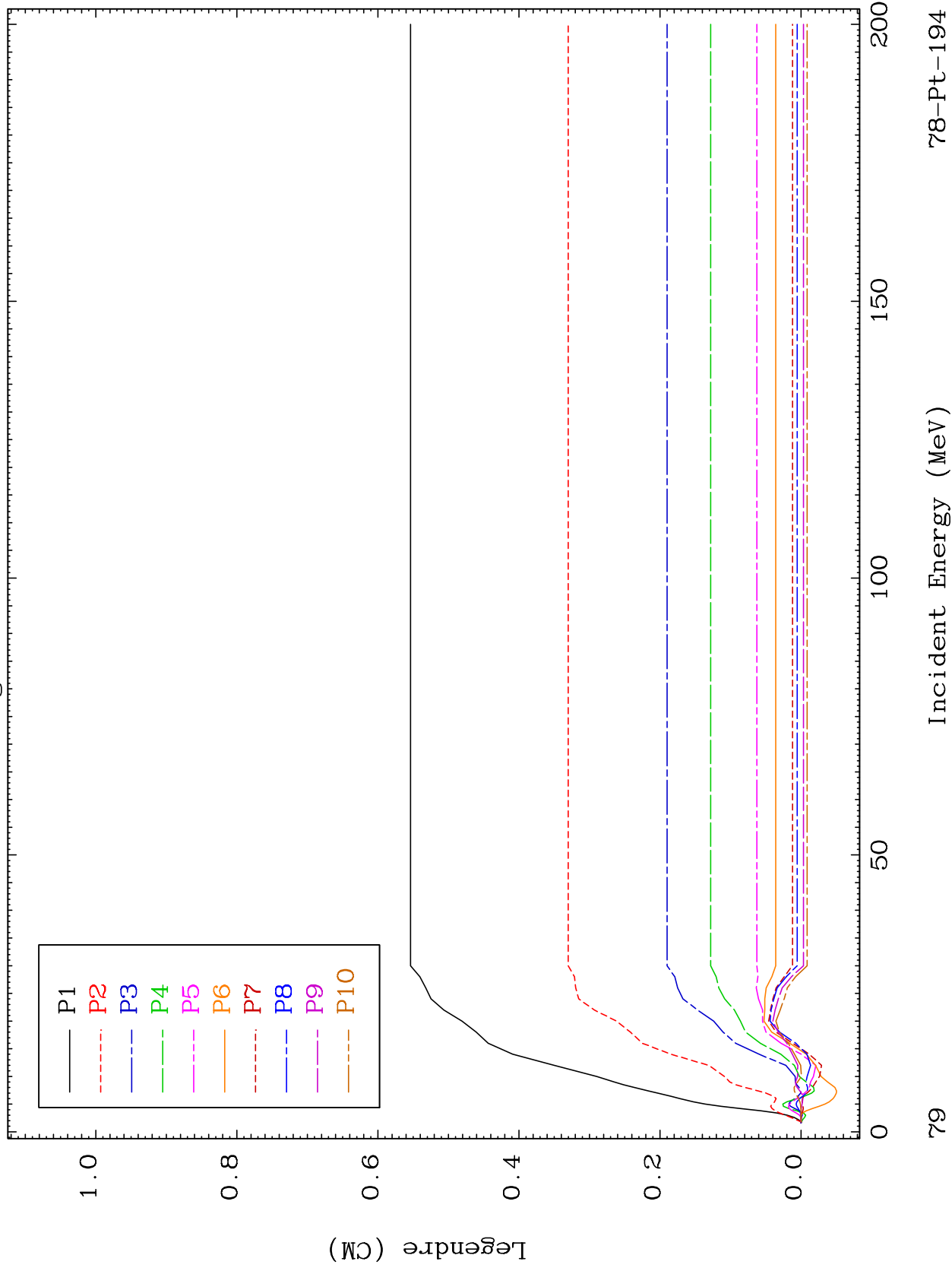
1.547 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



77

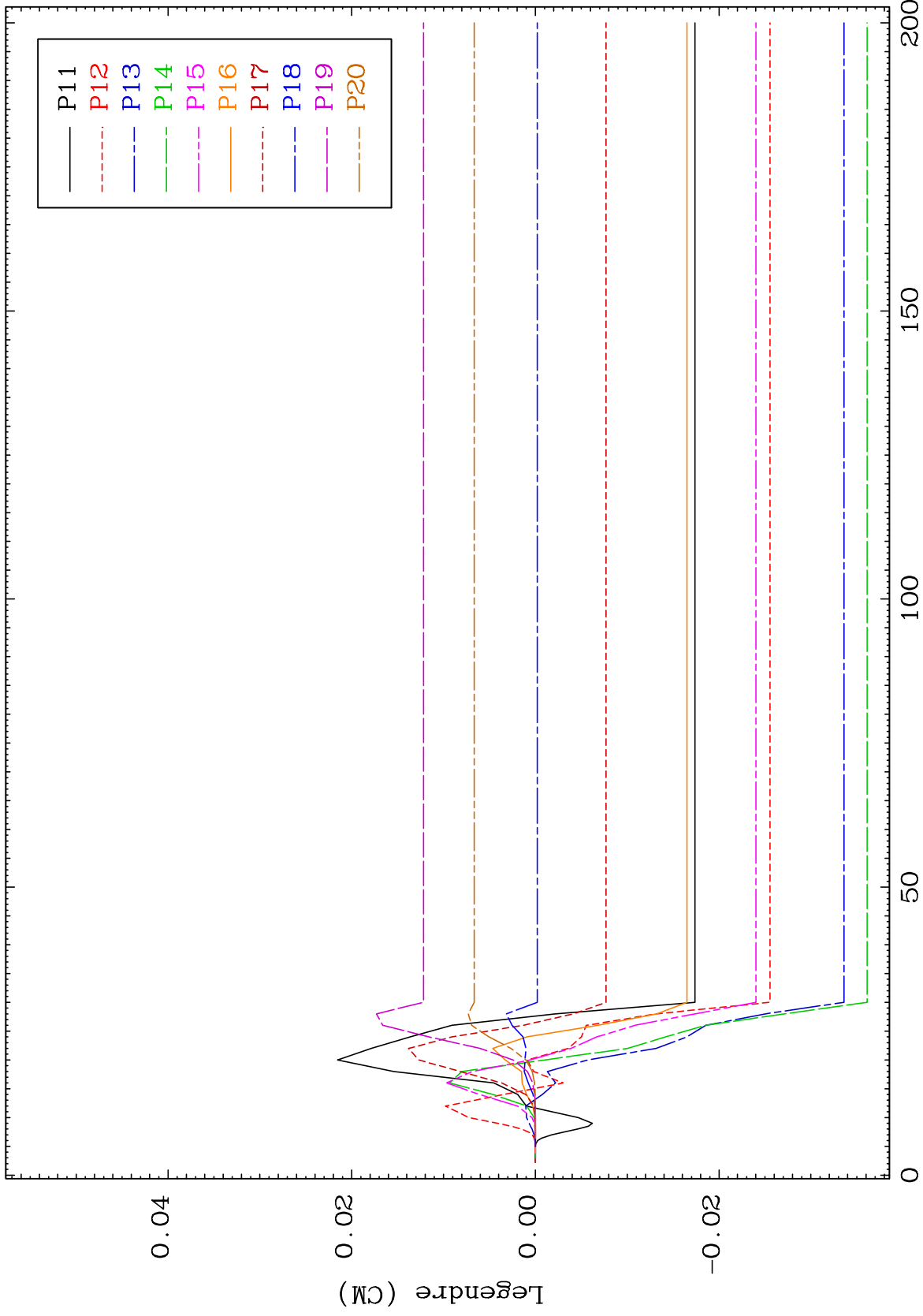
78-Pt-194



MAT 7837

1.584 MeV (n,n') Level
Legendre Coefficients

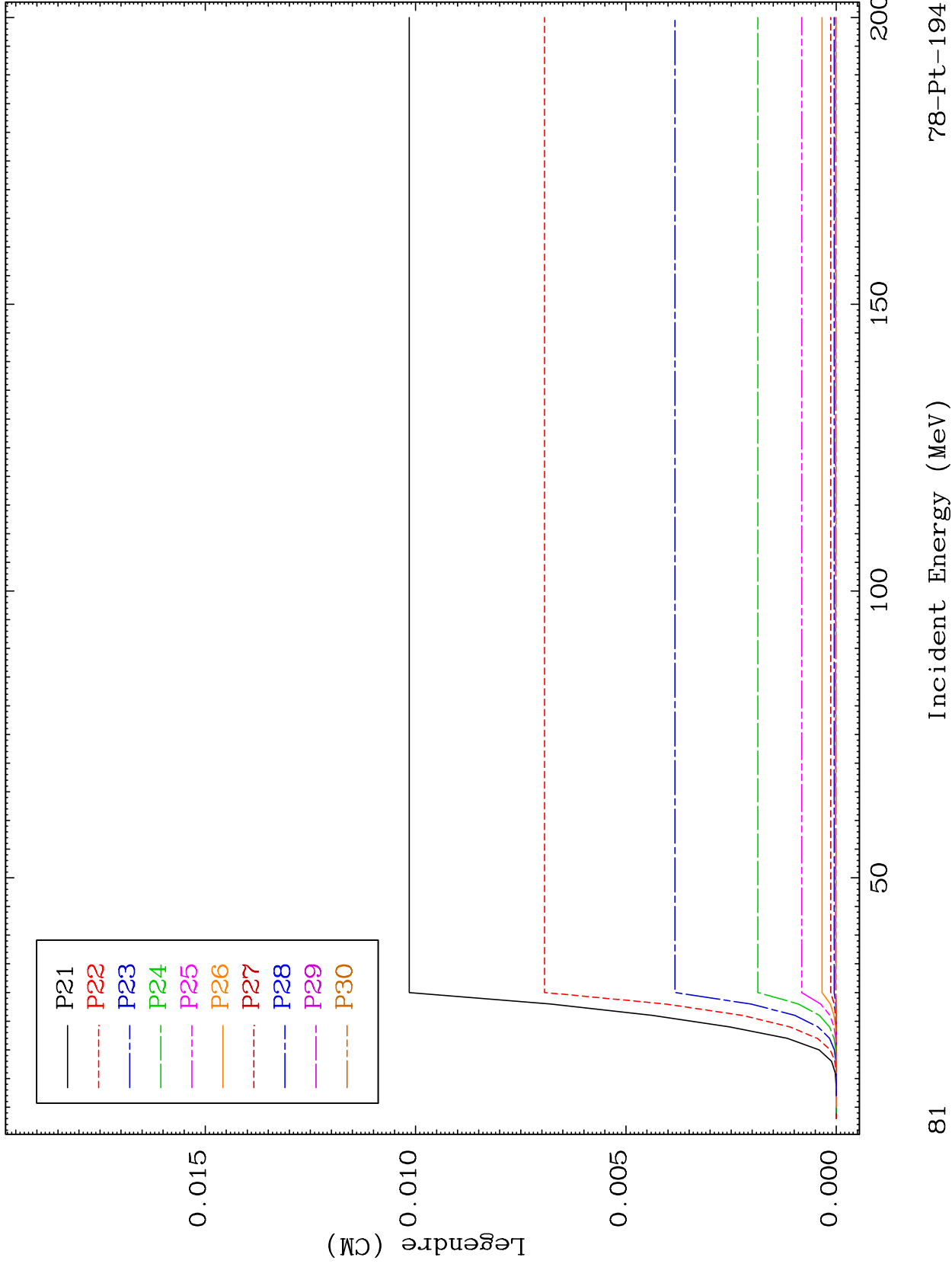
78-Pt-194

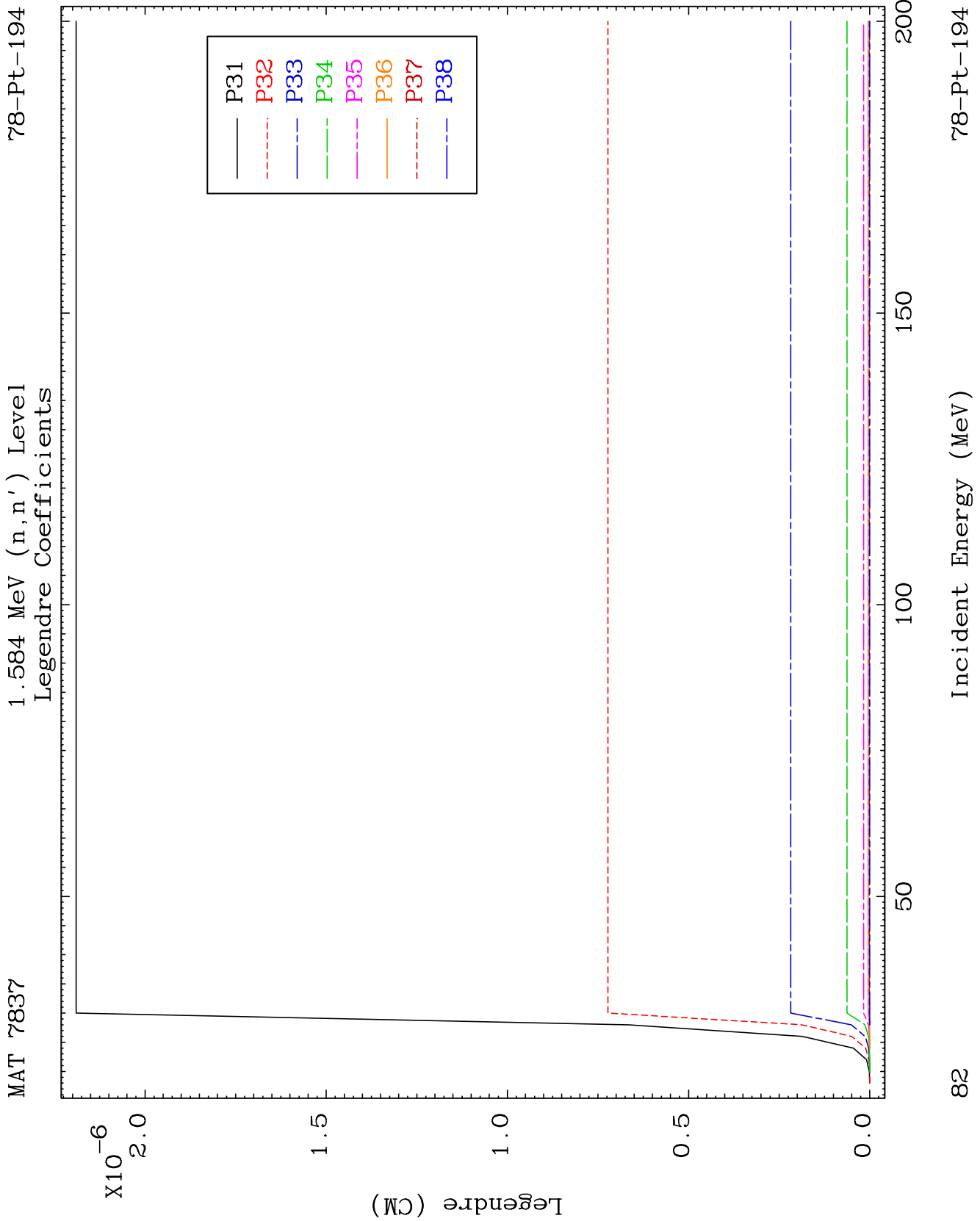


78-Pt-194

Incident Energy (MeV)

80

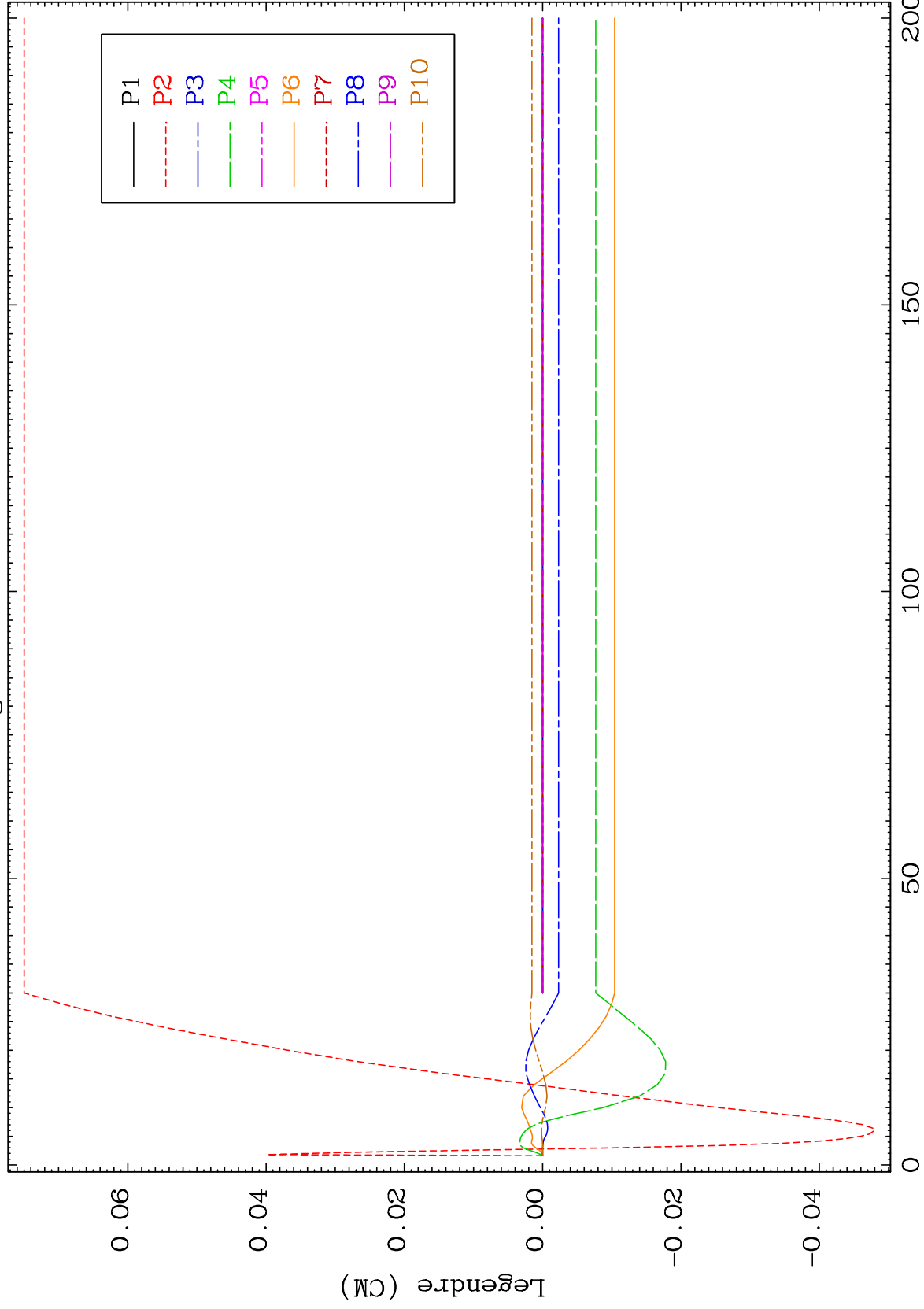




MAT 7837

1.593 MeV (n,n') Level
Legendre Coefficients

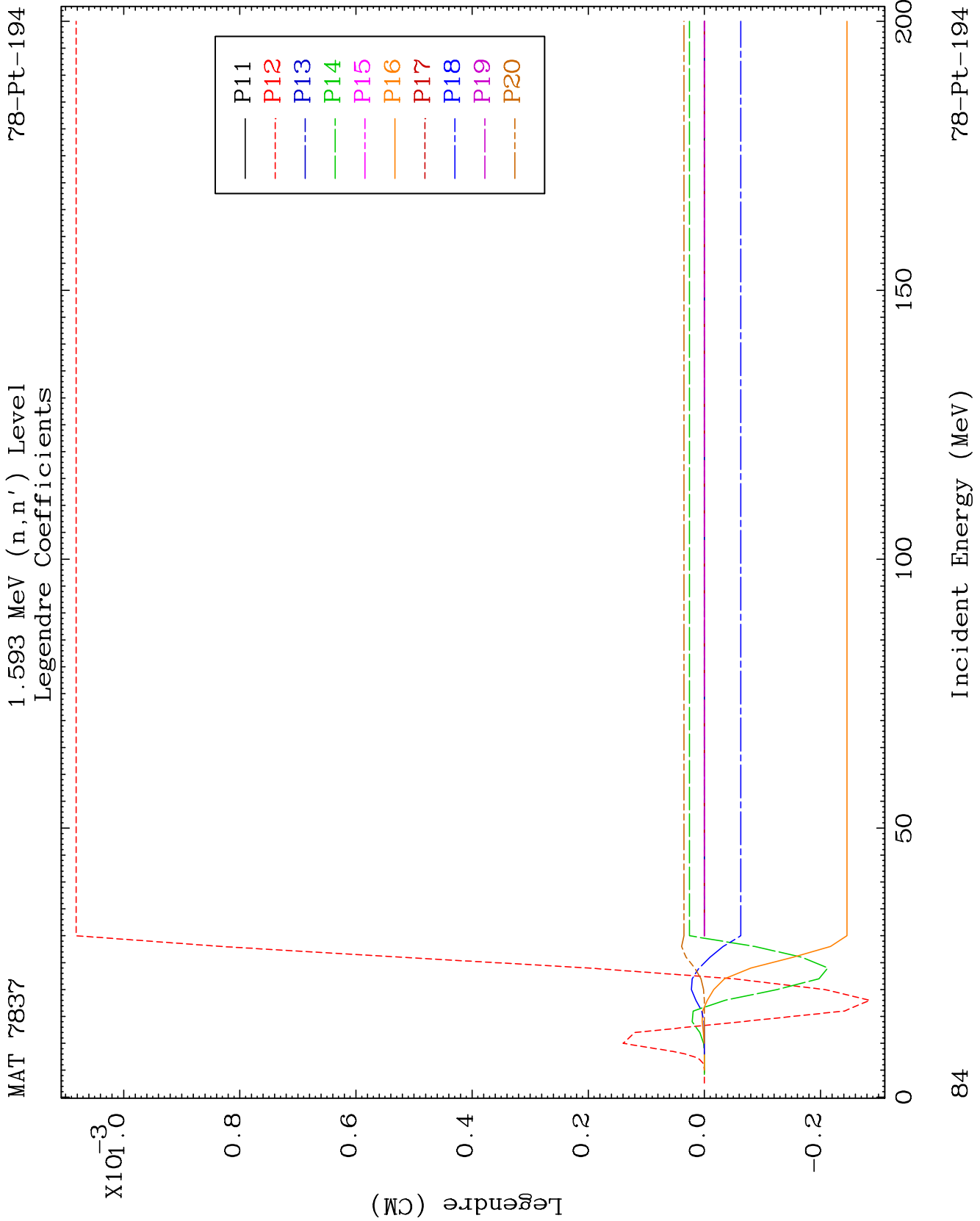
78-Pt-194

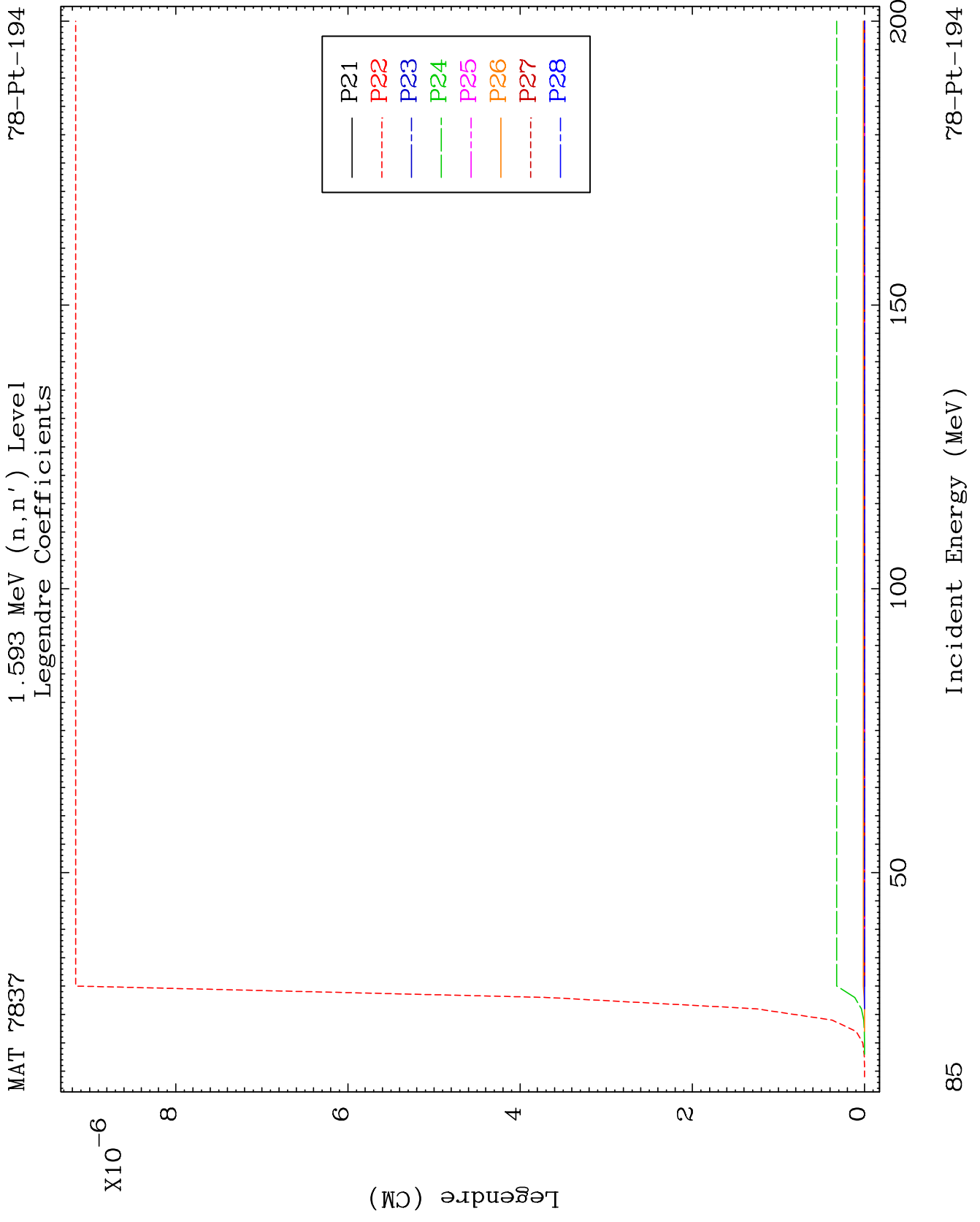


Incident Energy (MeV)

78-Pt-194

83

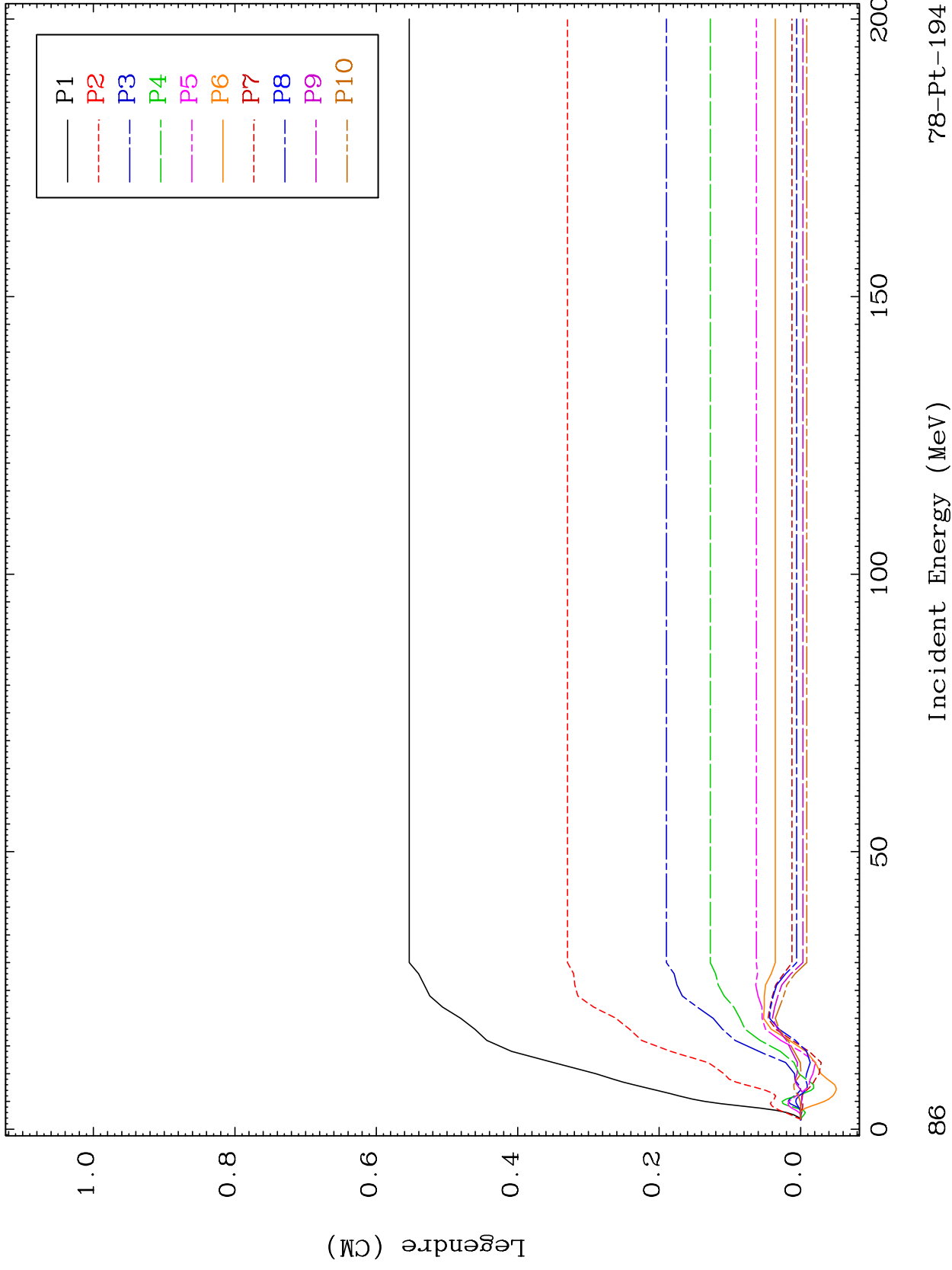




MAT 7837

1.622 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



78-Pt-194

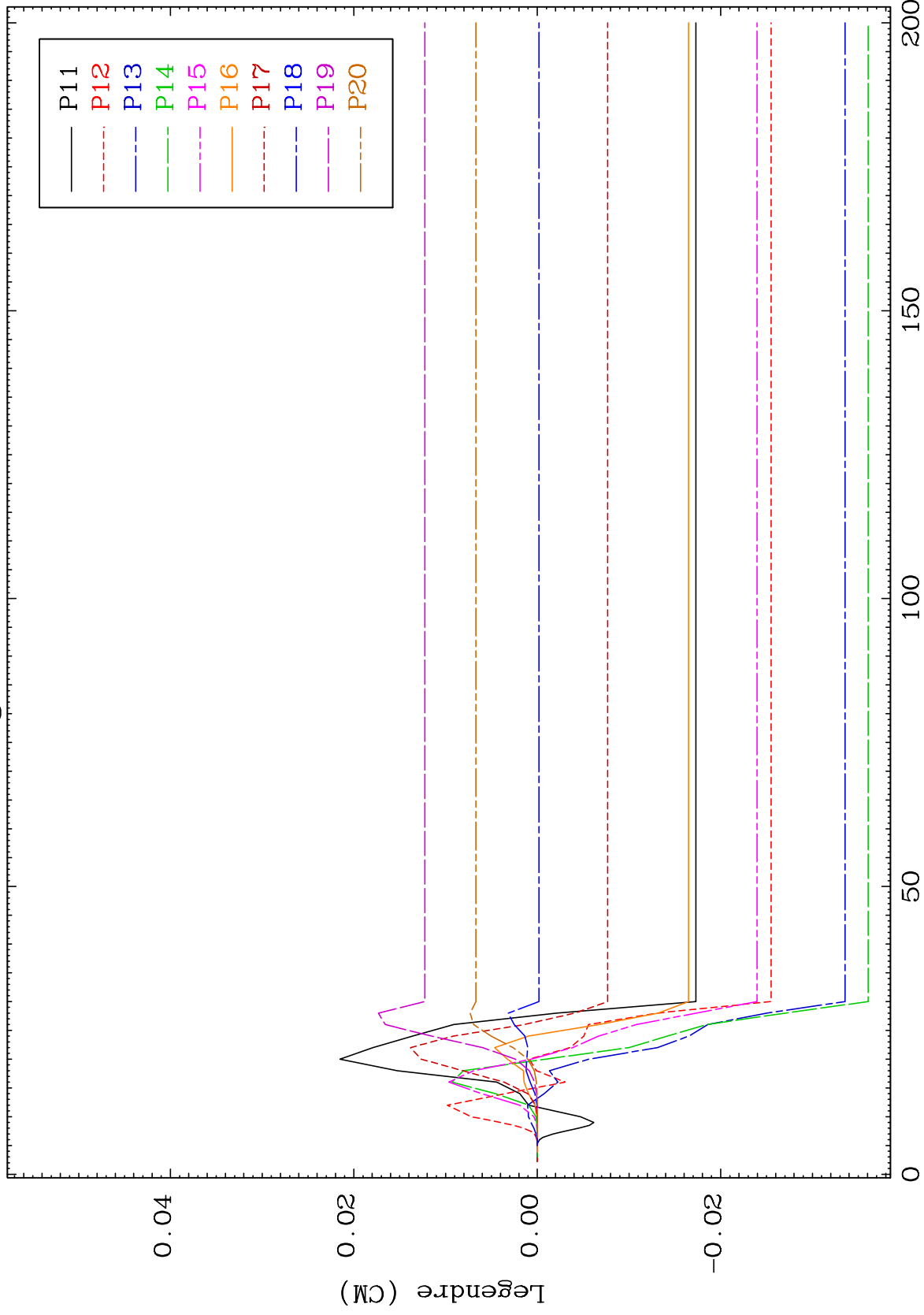
Incident Energy (MeV)

86

MAT 7837

1.622 MeV (n,n') Level
Legendre Coefficients

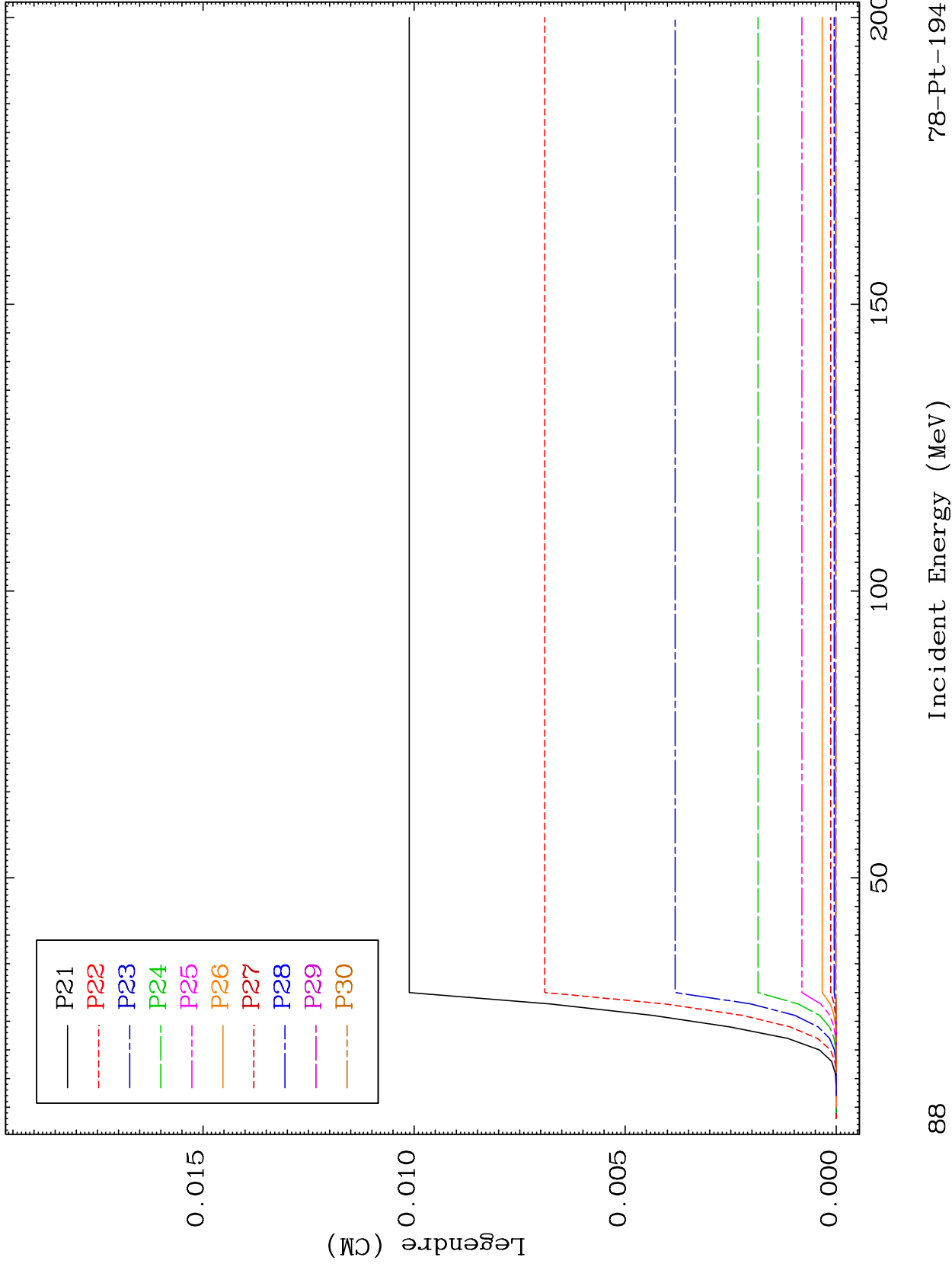
78-Pt-194



87

Incident Energy (MeV)

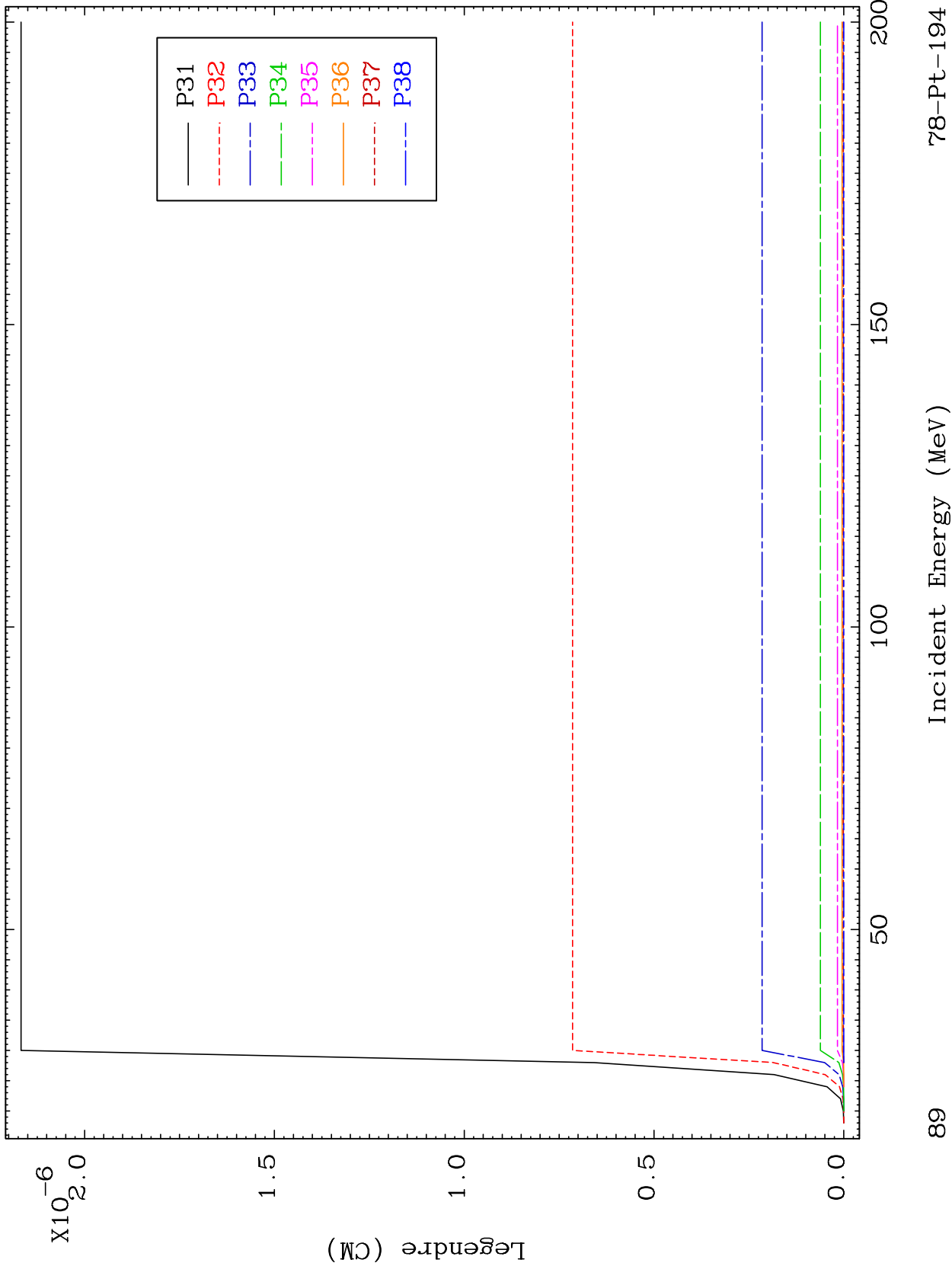
78-Pt-194



MAT 7837

1.622 MeV (n,n') Level
Legendre Coefficients

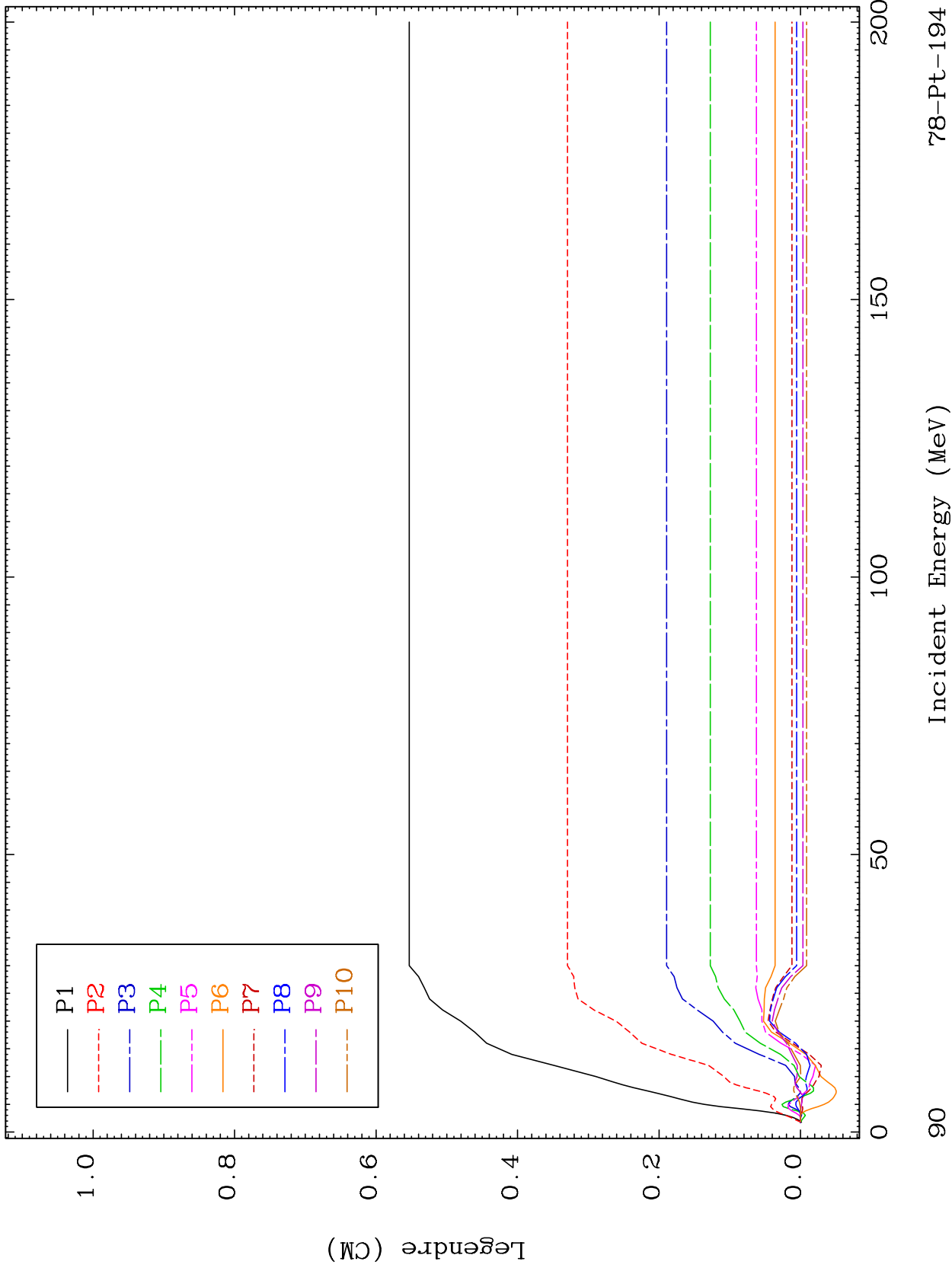
78-Pt-194



MAT 7837

1.671 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



78-Pt-194

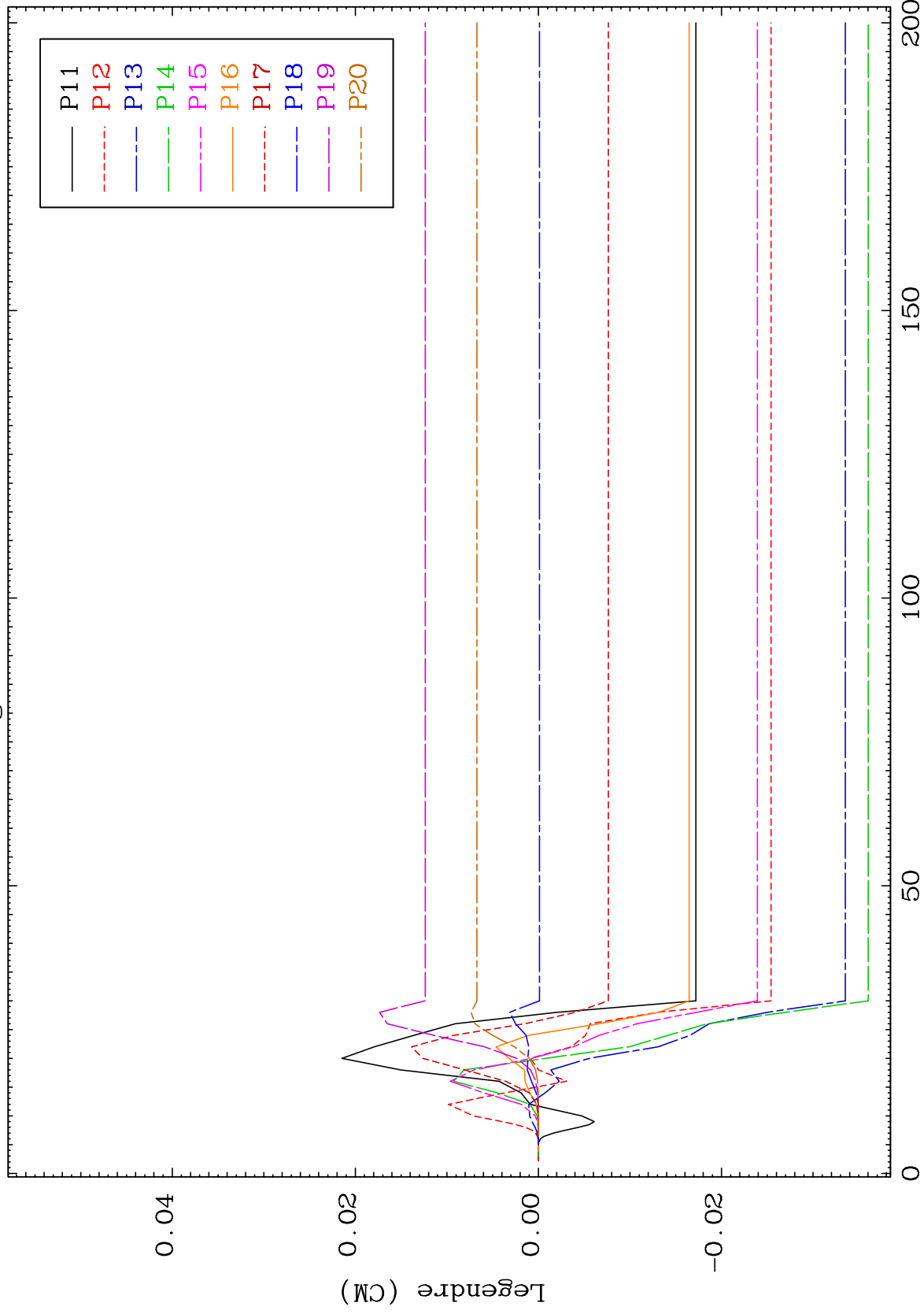
Incident Energy (MeV)

90

MAT 7837

1.671 MeV (n,n') Level
Legendre Coefficients

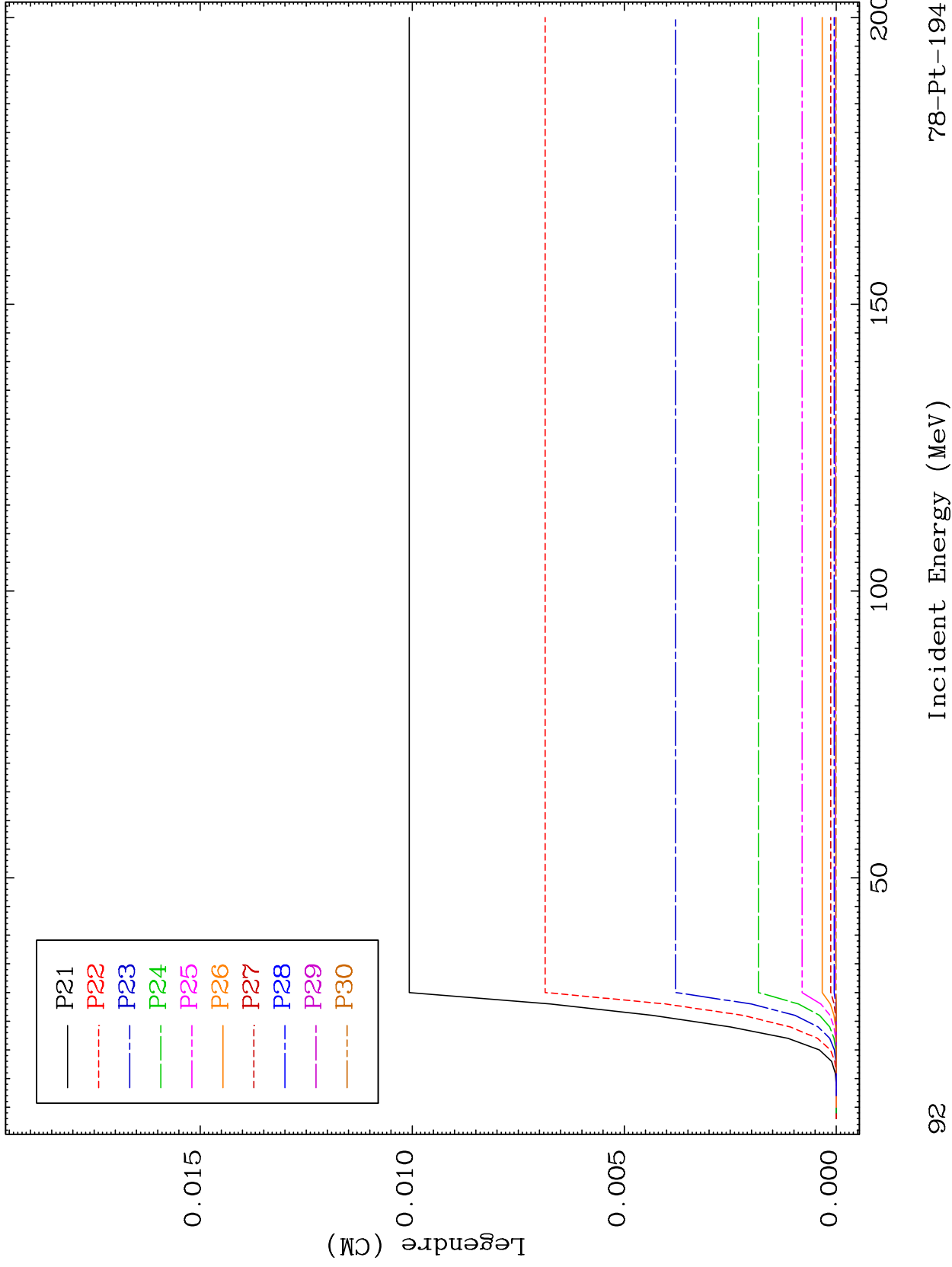
78-Pt-194

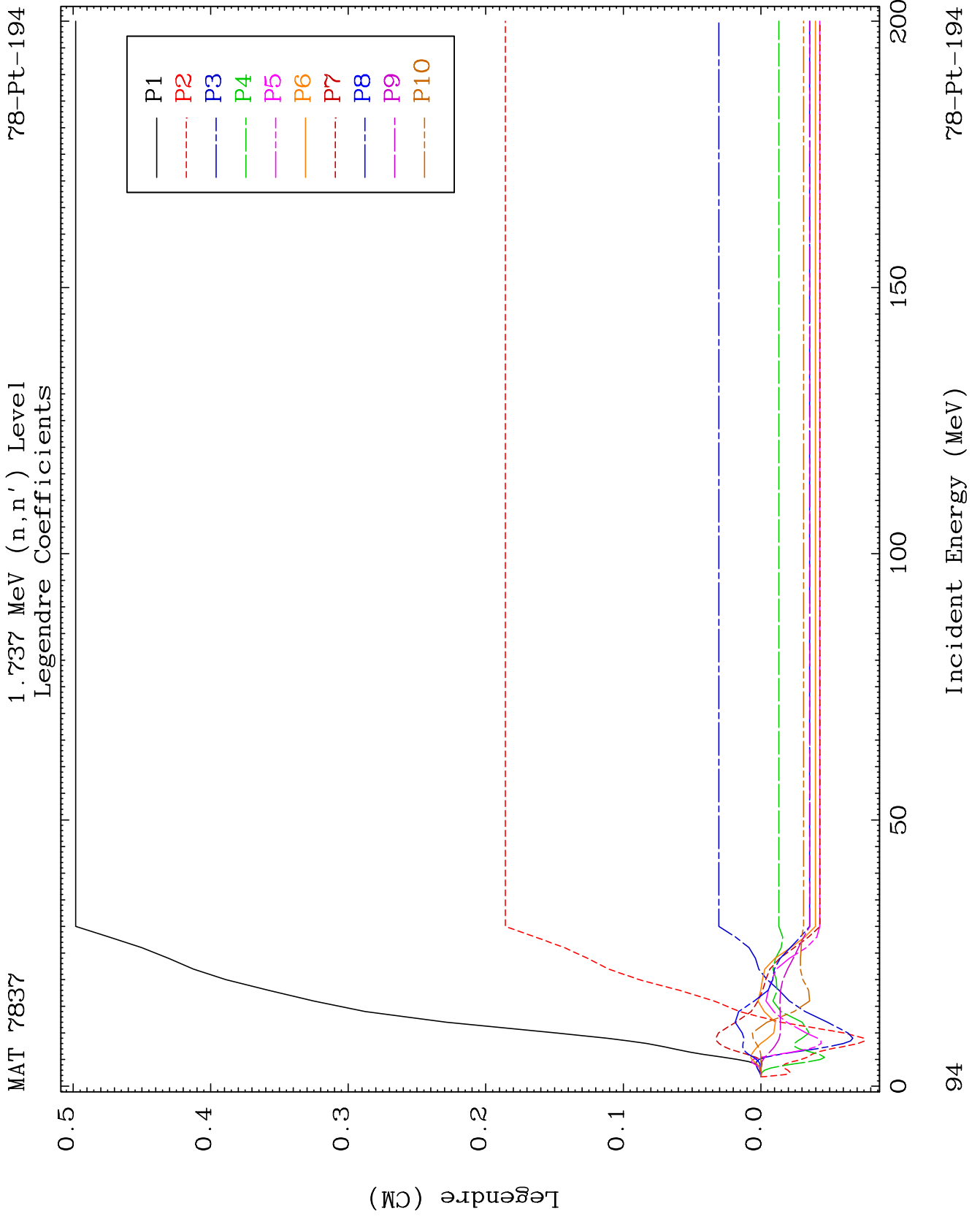


91

Incident Energy (MeV)

78-Pt-194

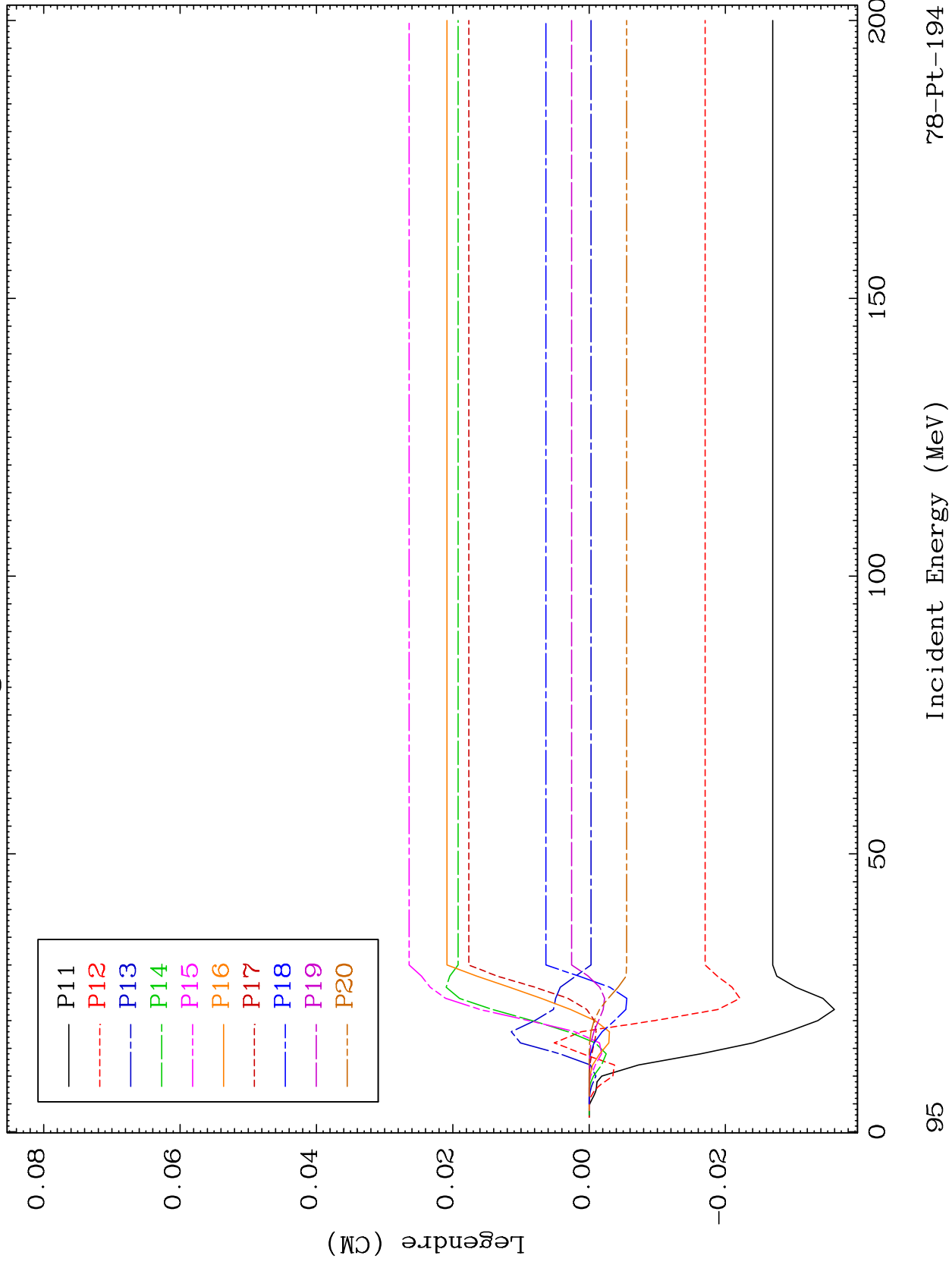


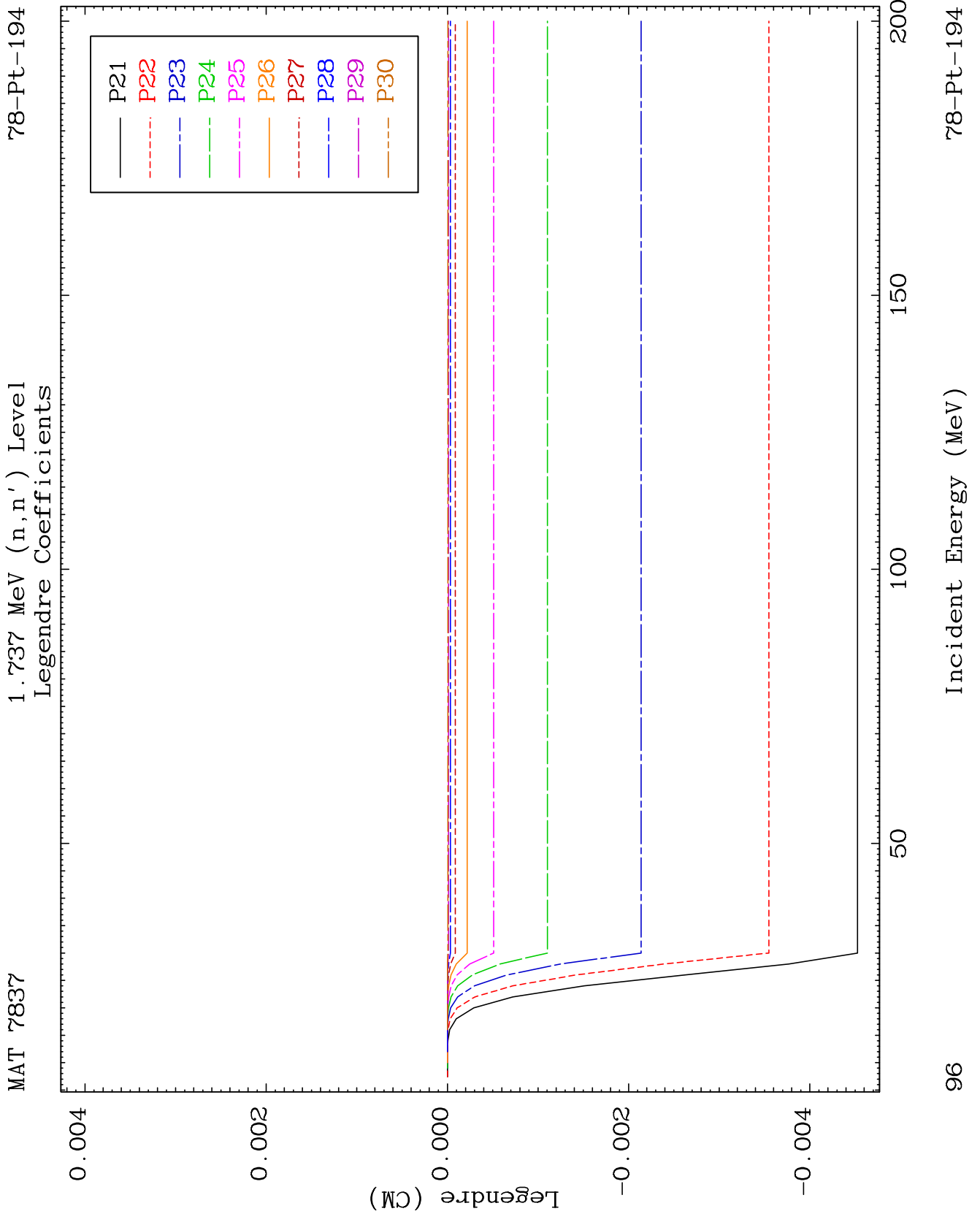


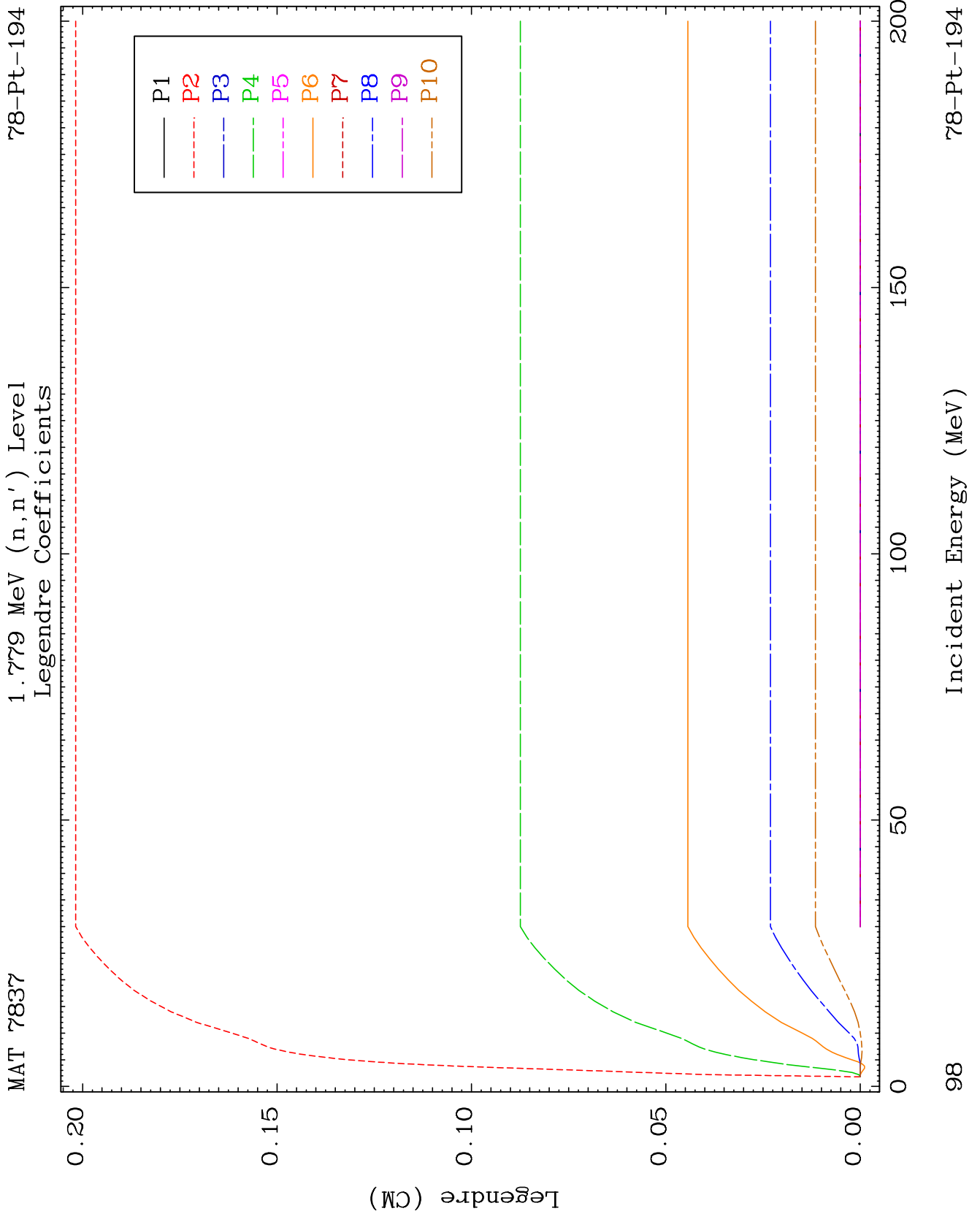
MAT 7837

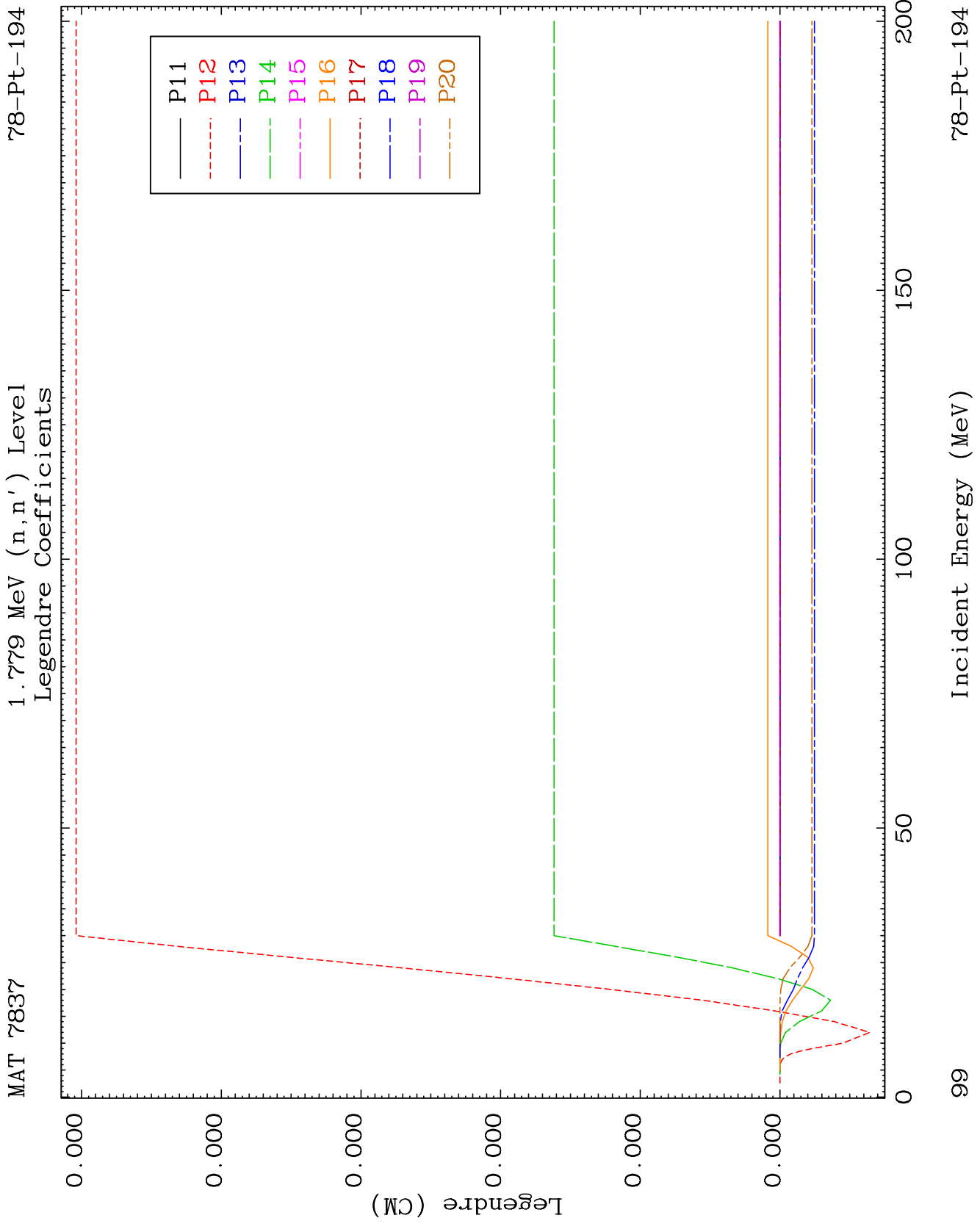
1.737 MeV (n,n') Level
Legendre Coefficients

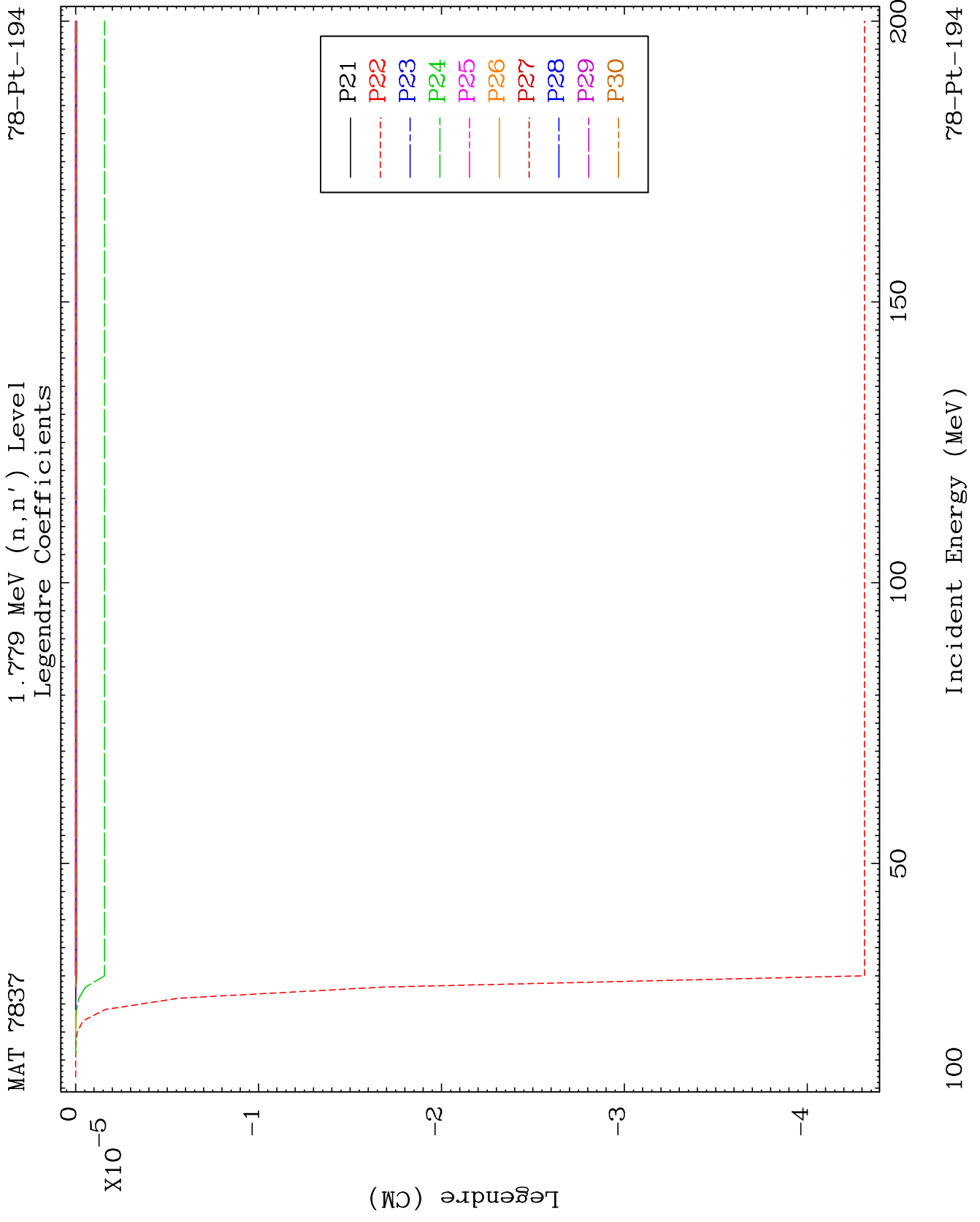
78-Pt-194

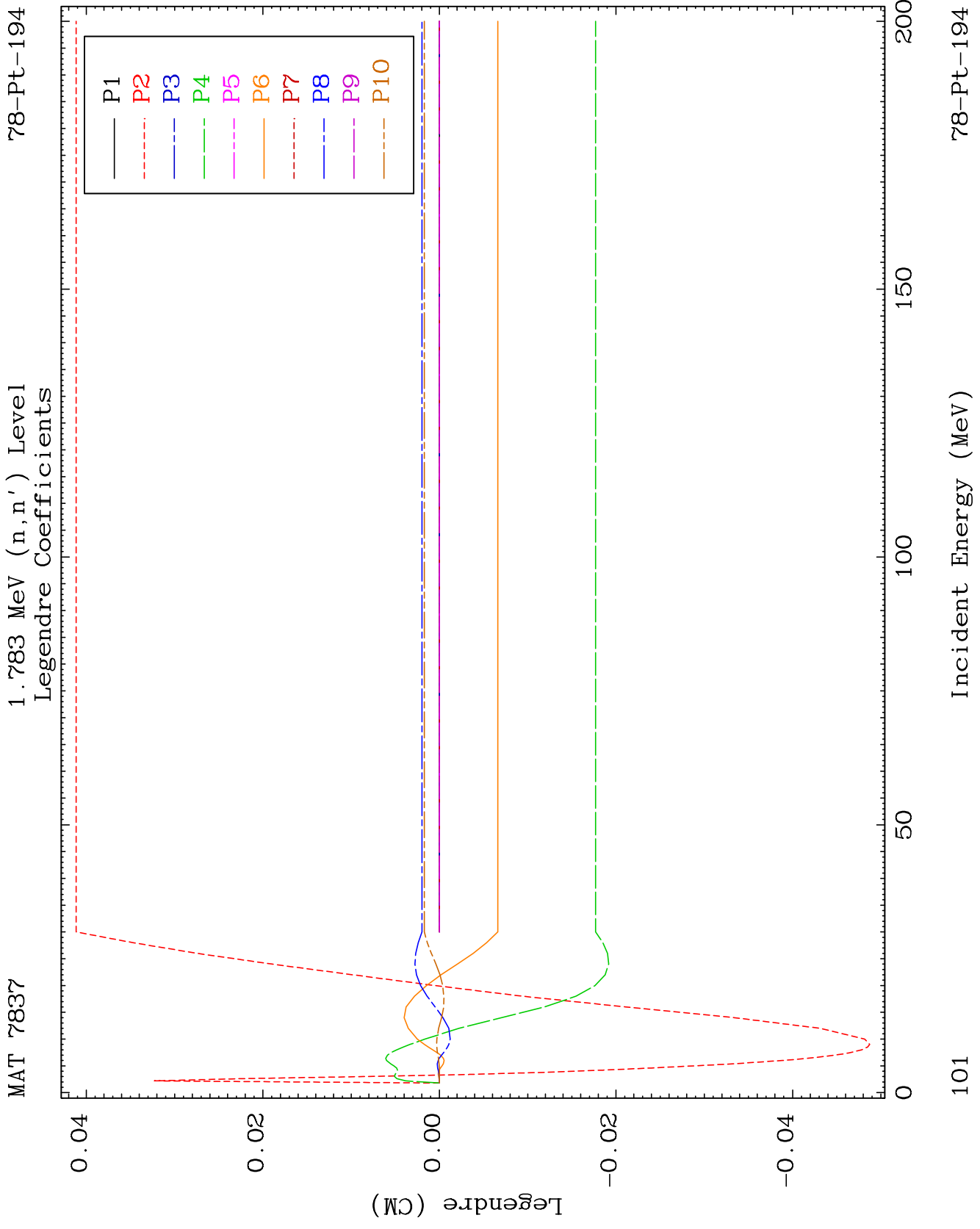








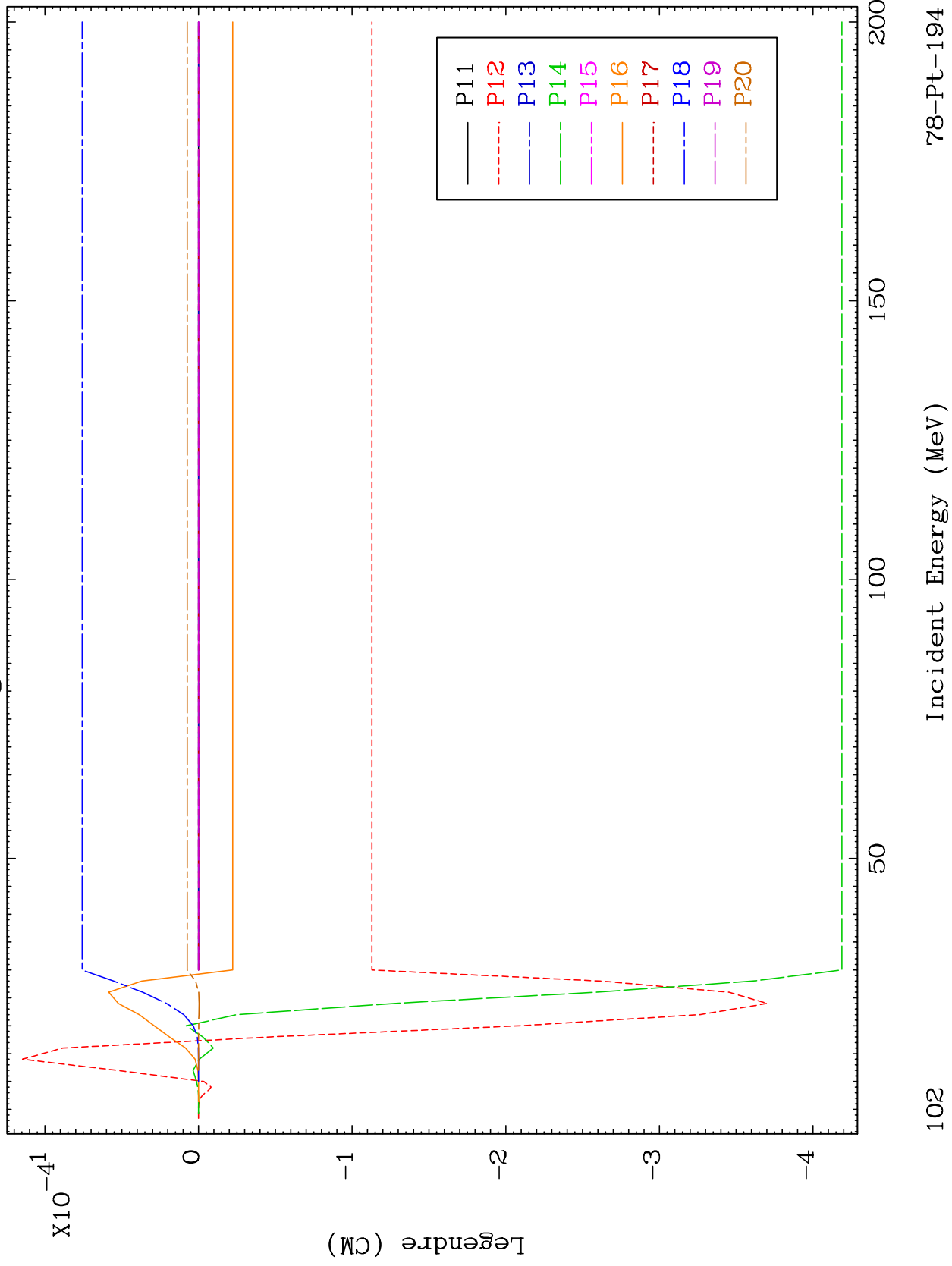




MAT 7837

1.783 MeV (n,n') Level
Legendre Coefficients

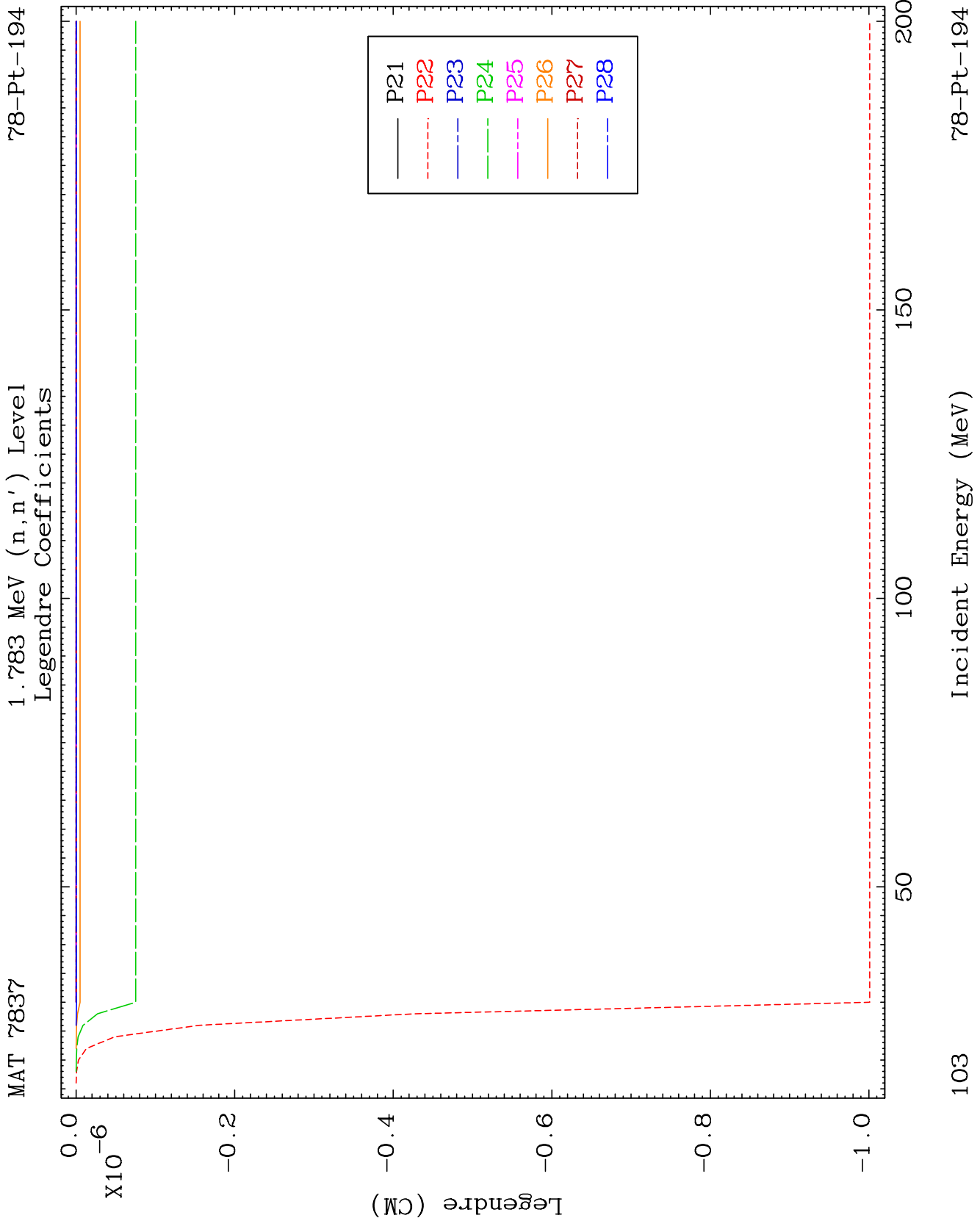
78-Pt-194

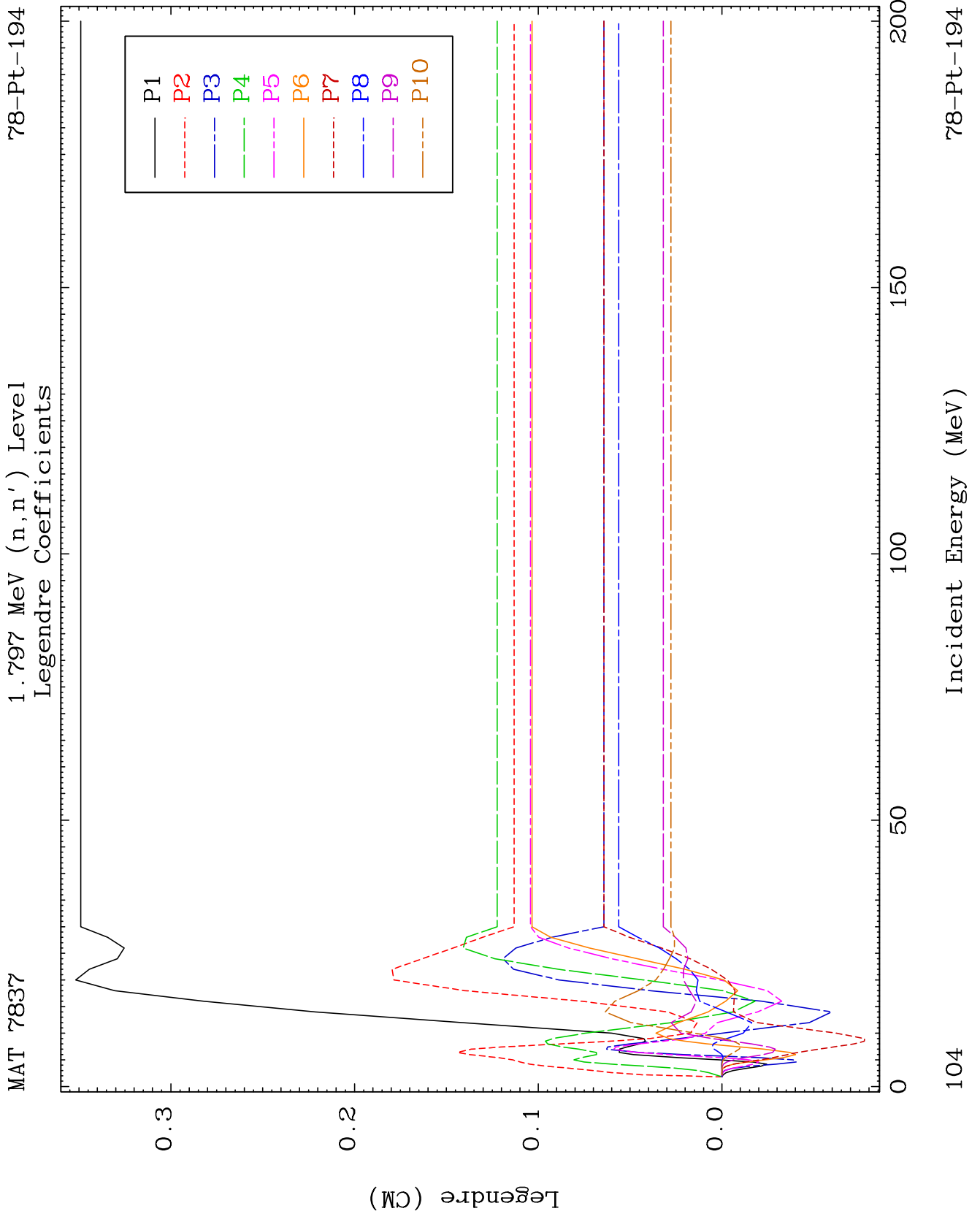


102

Incident Energy (MeV)

78-Pt-194

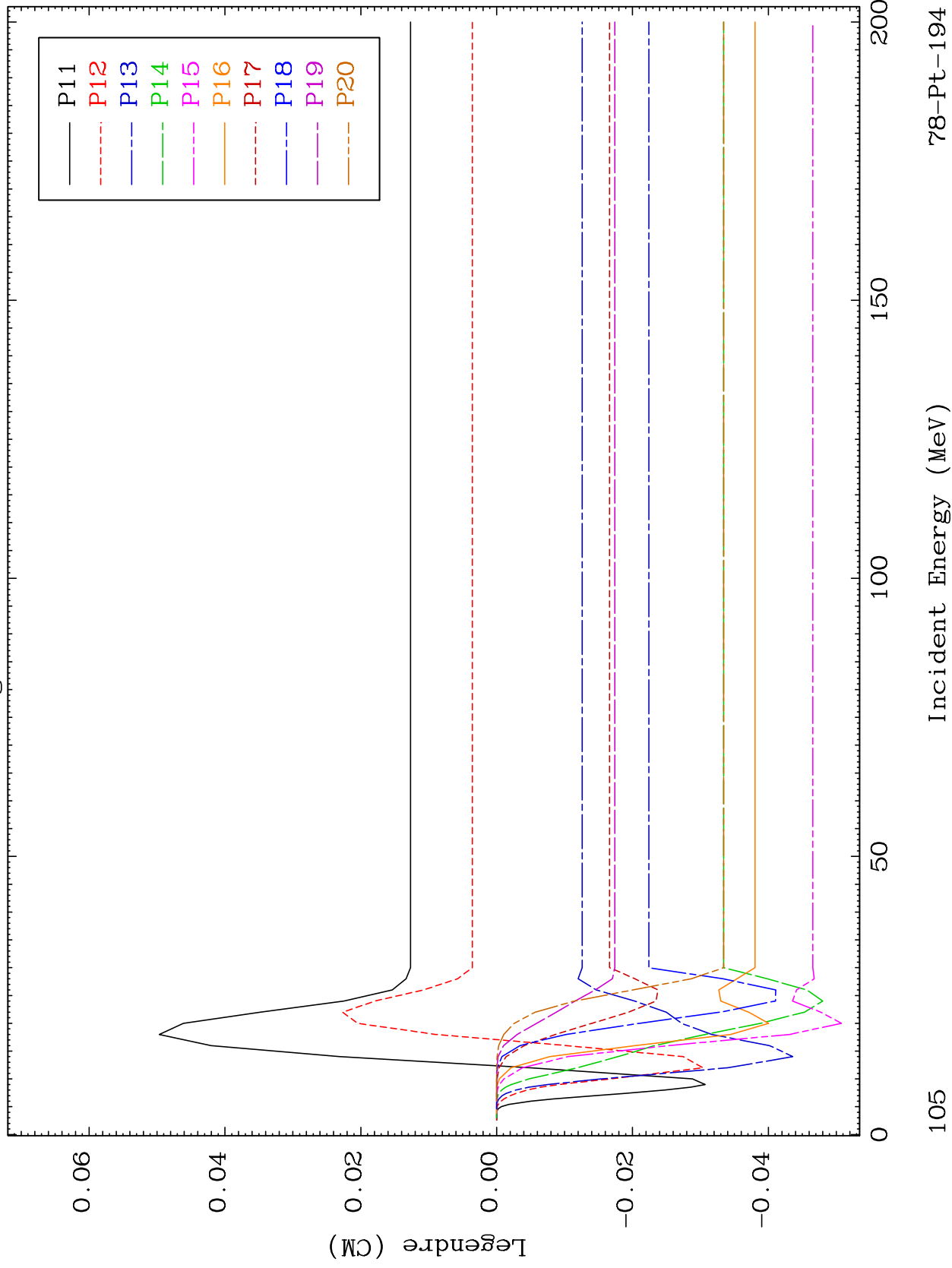




MAT 7837

1.797 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



105

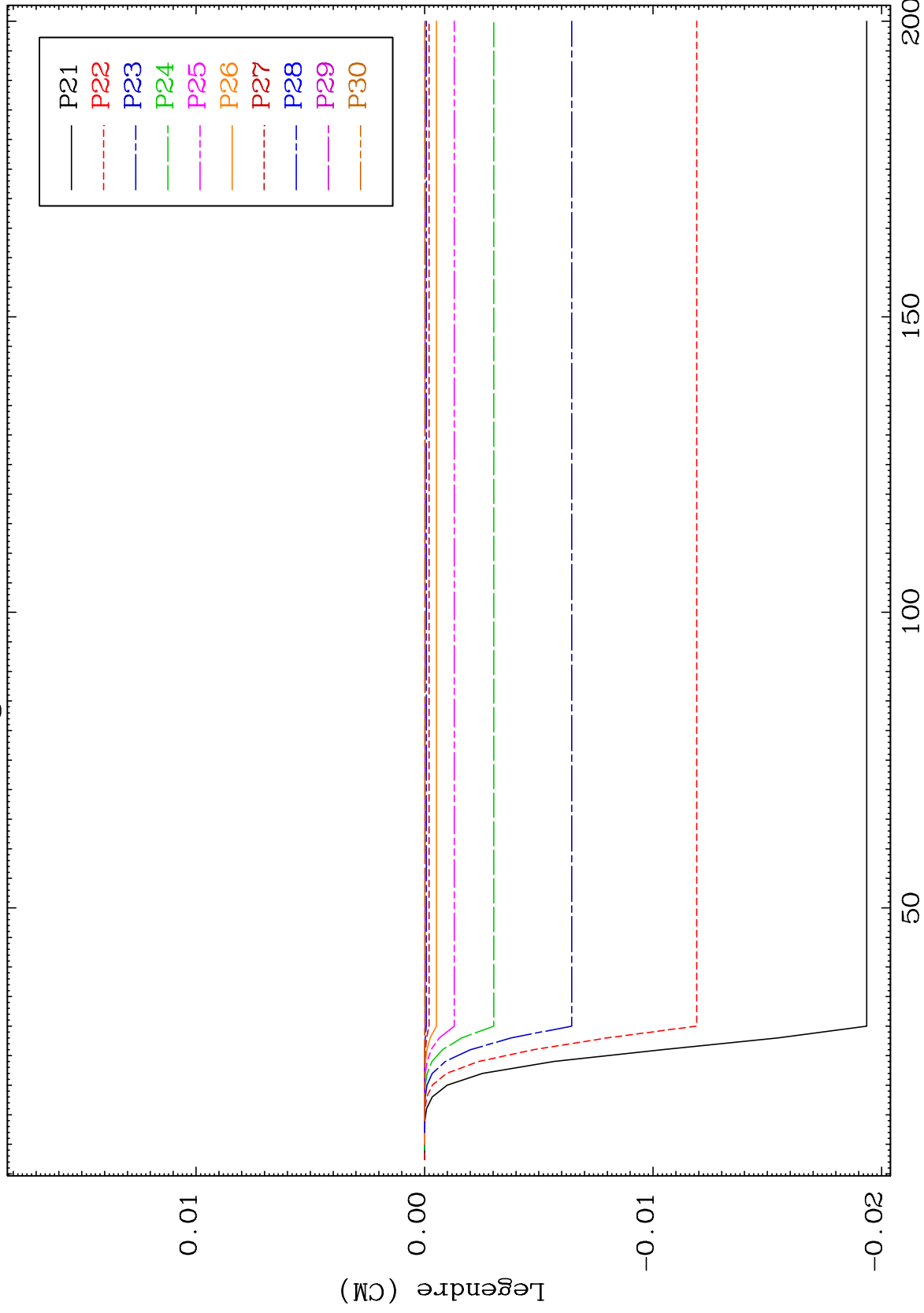
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.797 MeV (n,n') Level
Legendre Coefficients

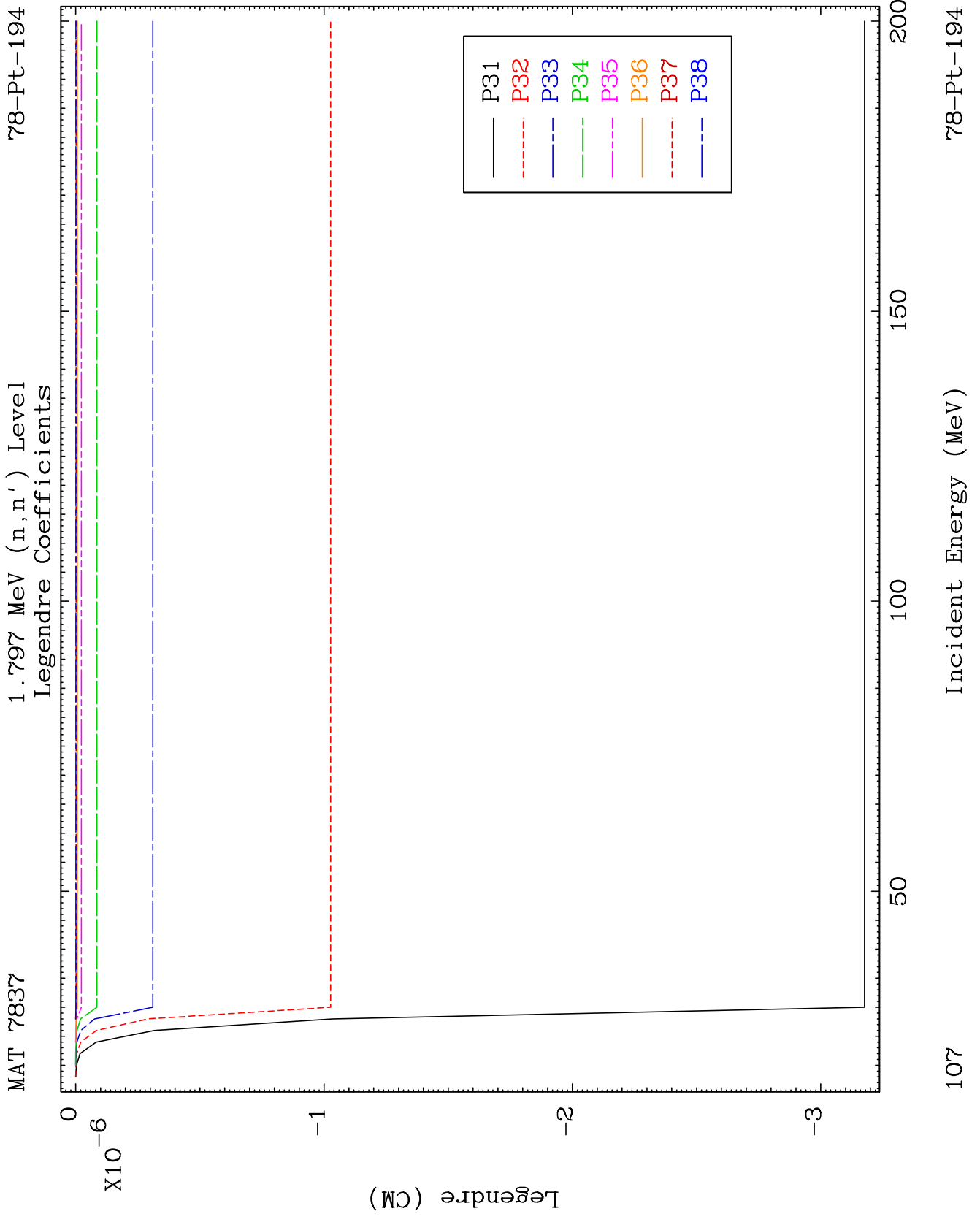
78-Pt-194



106

Incident Energy (MeV)

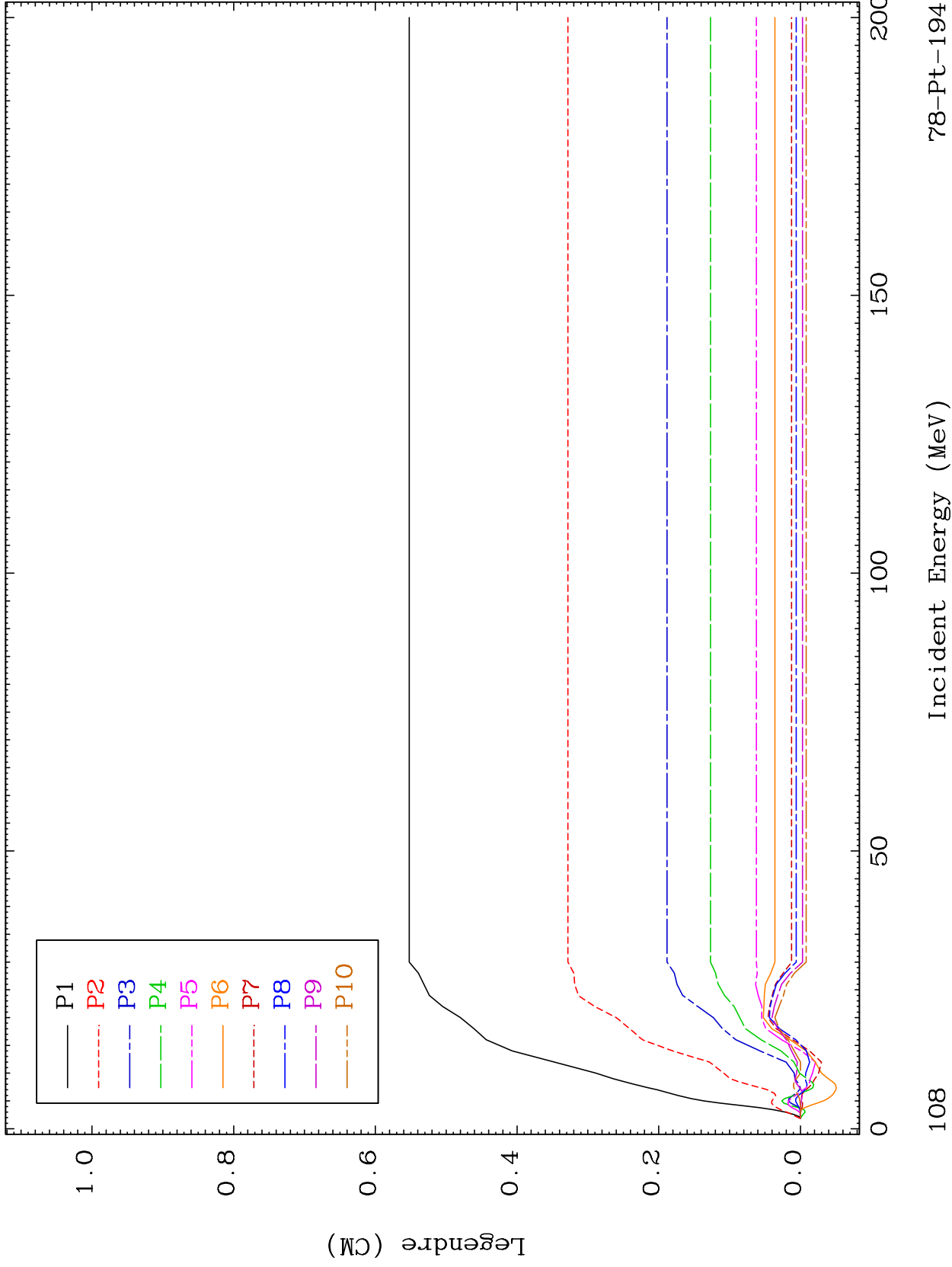
78-Pt-194



MAT 7837

1.803 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



108

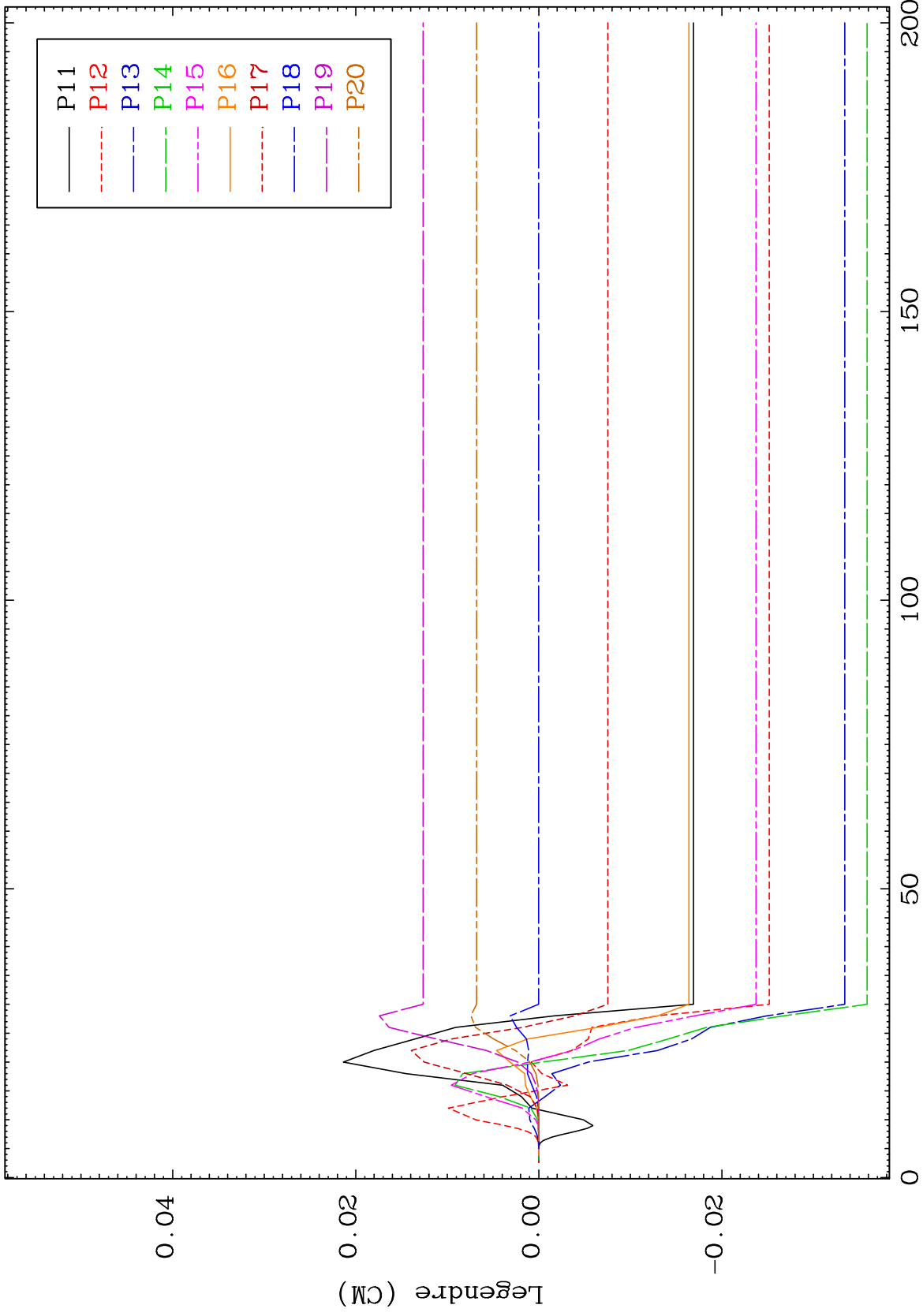
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.803 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



109

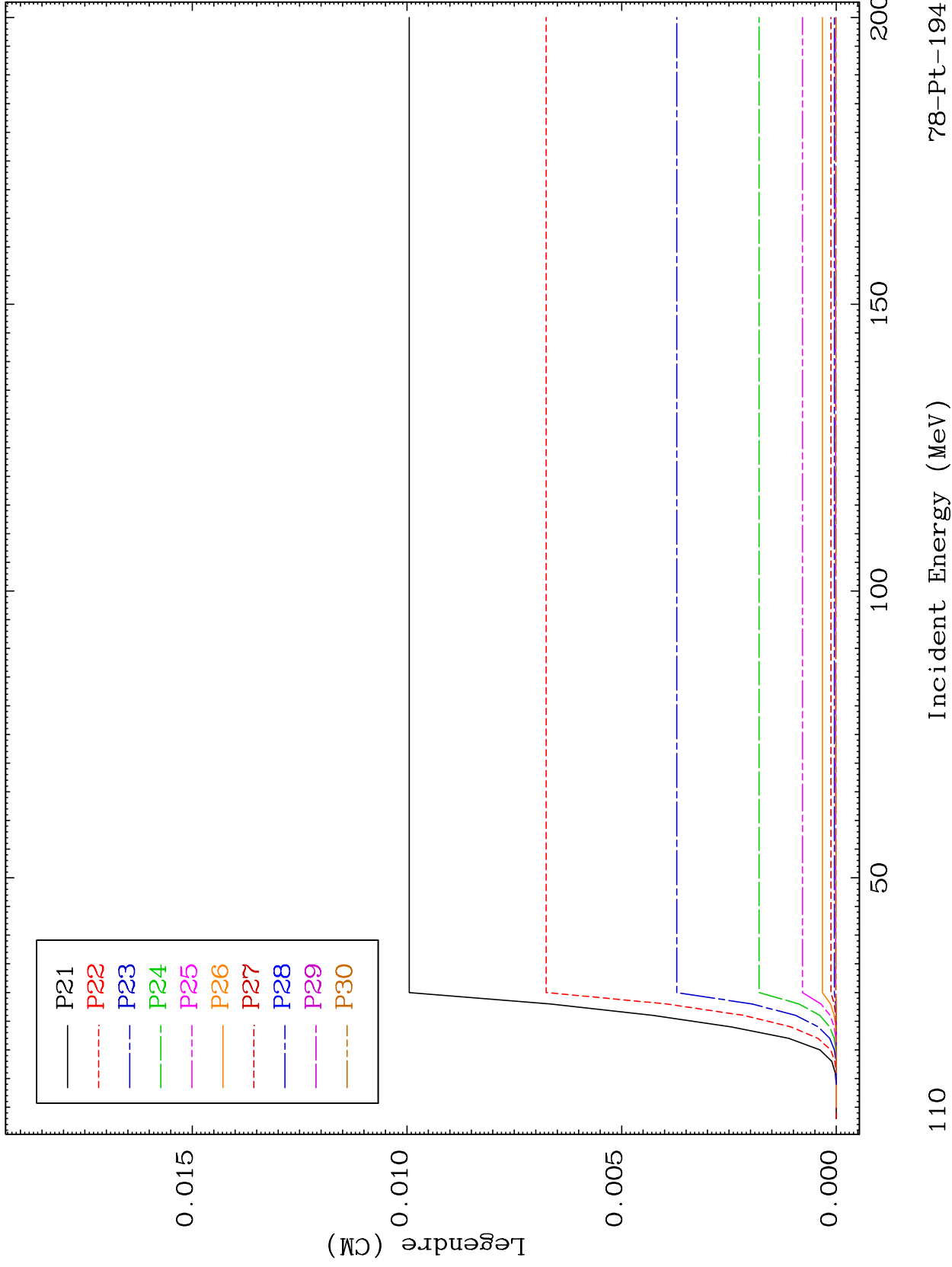
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.803 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



110

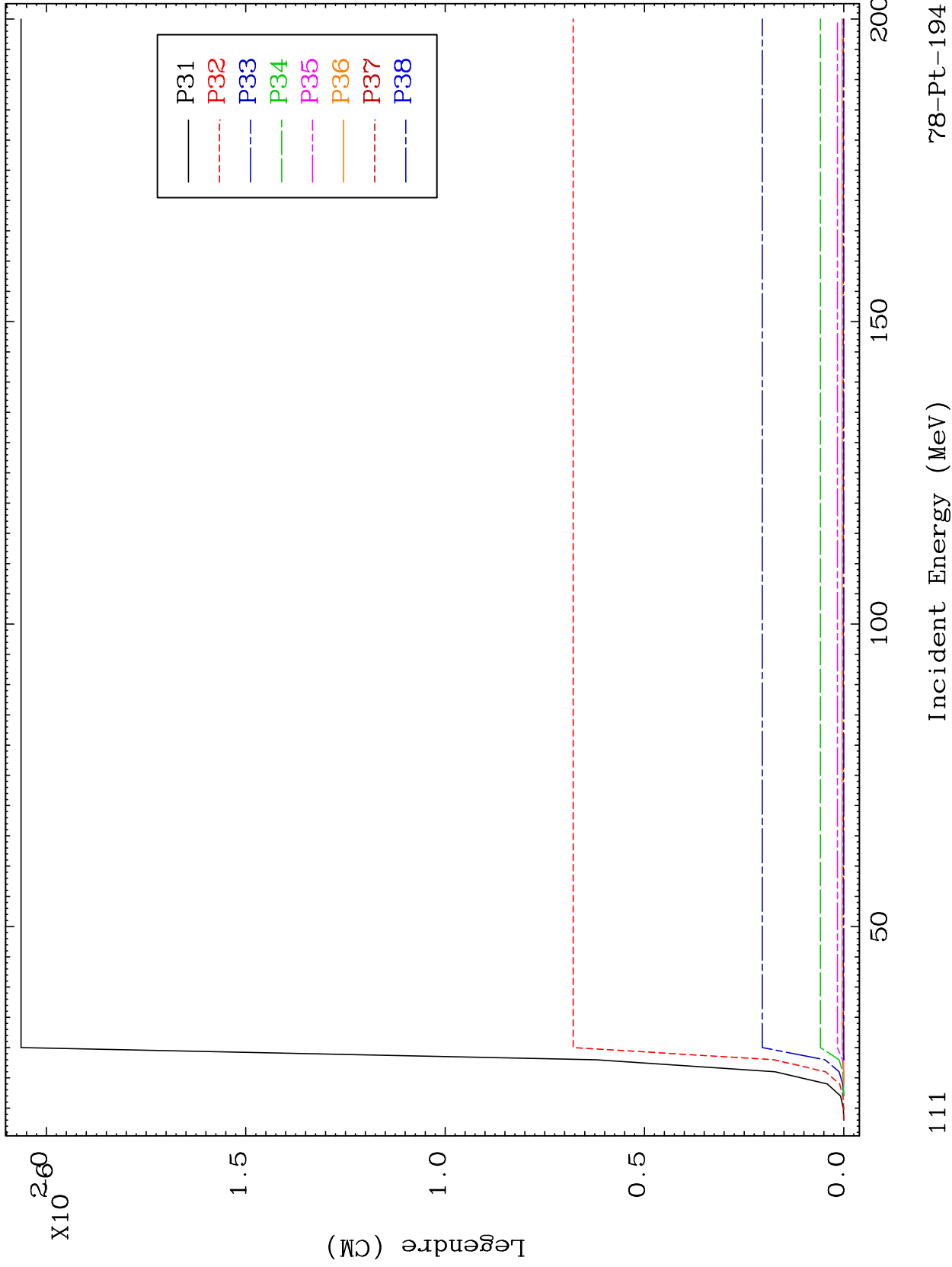
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.803 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



111

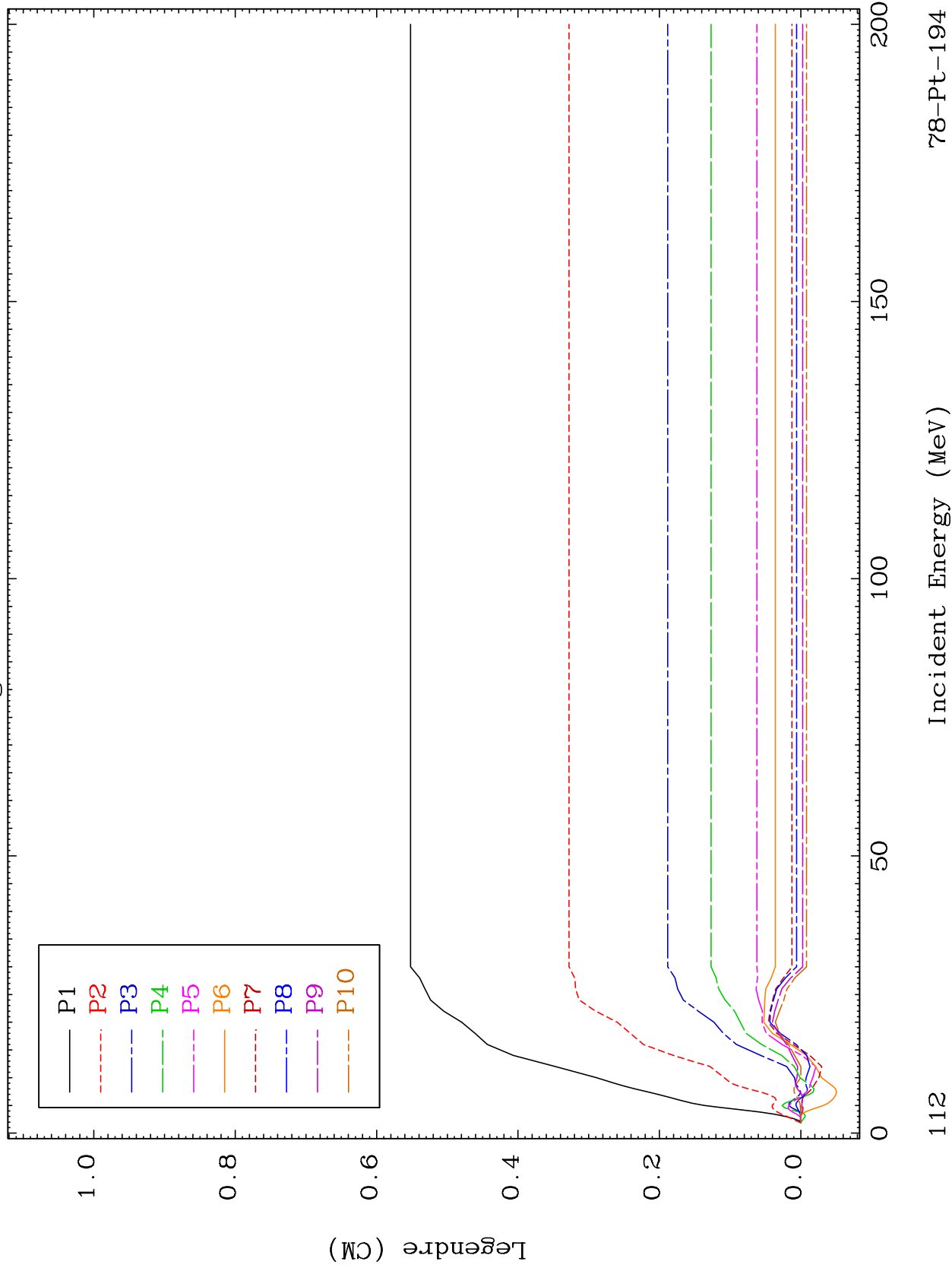
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.817 MeV (n,n') Level
Legendre Coefficients

78-Pt-194



112

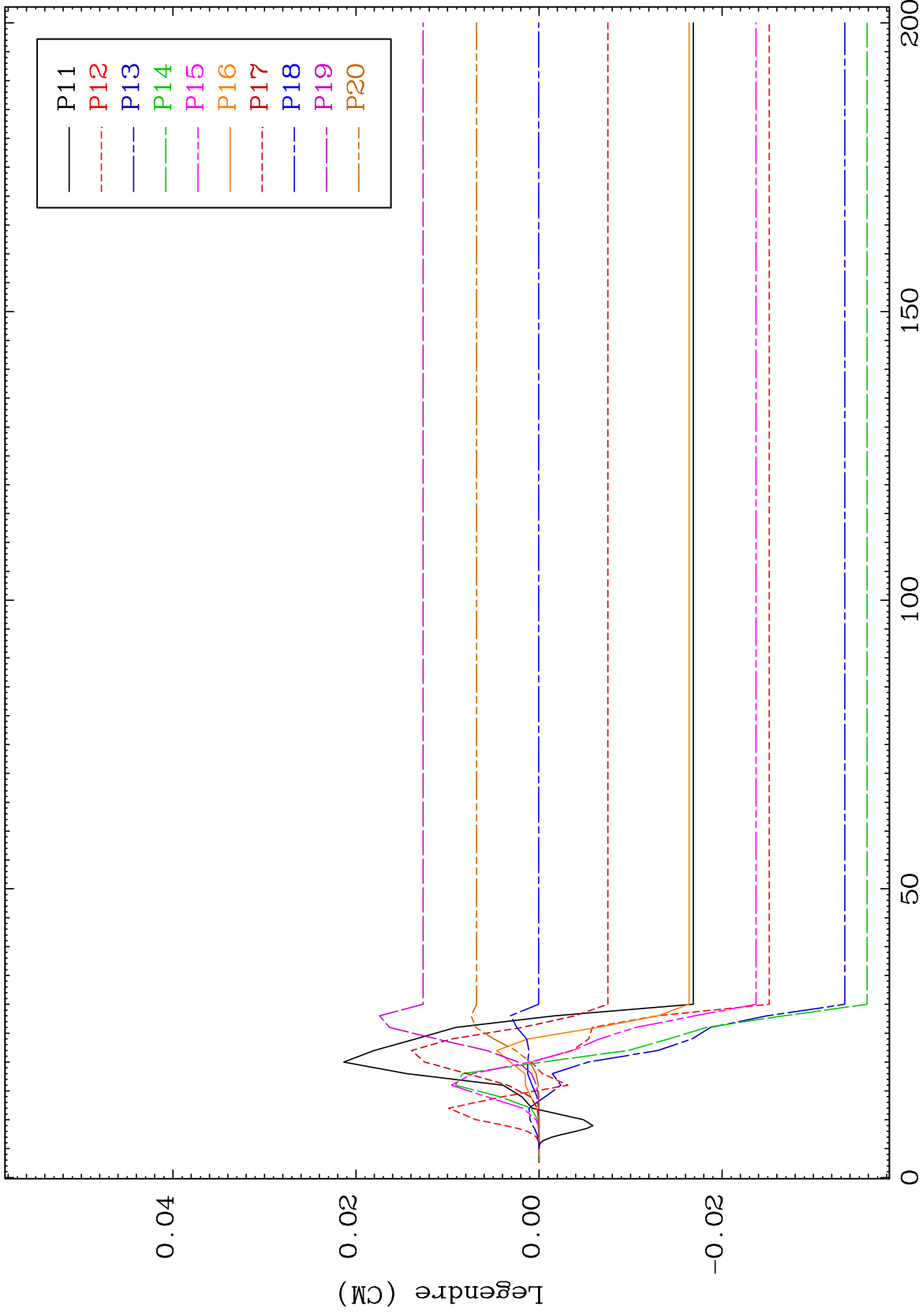
Incident Energy (MeV)

78-Pt-194

MAT 7837

1.817 MeV (n,n') Level
Legendre Coefficients

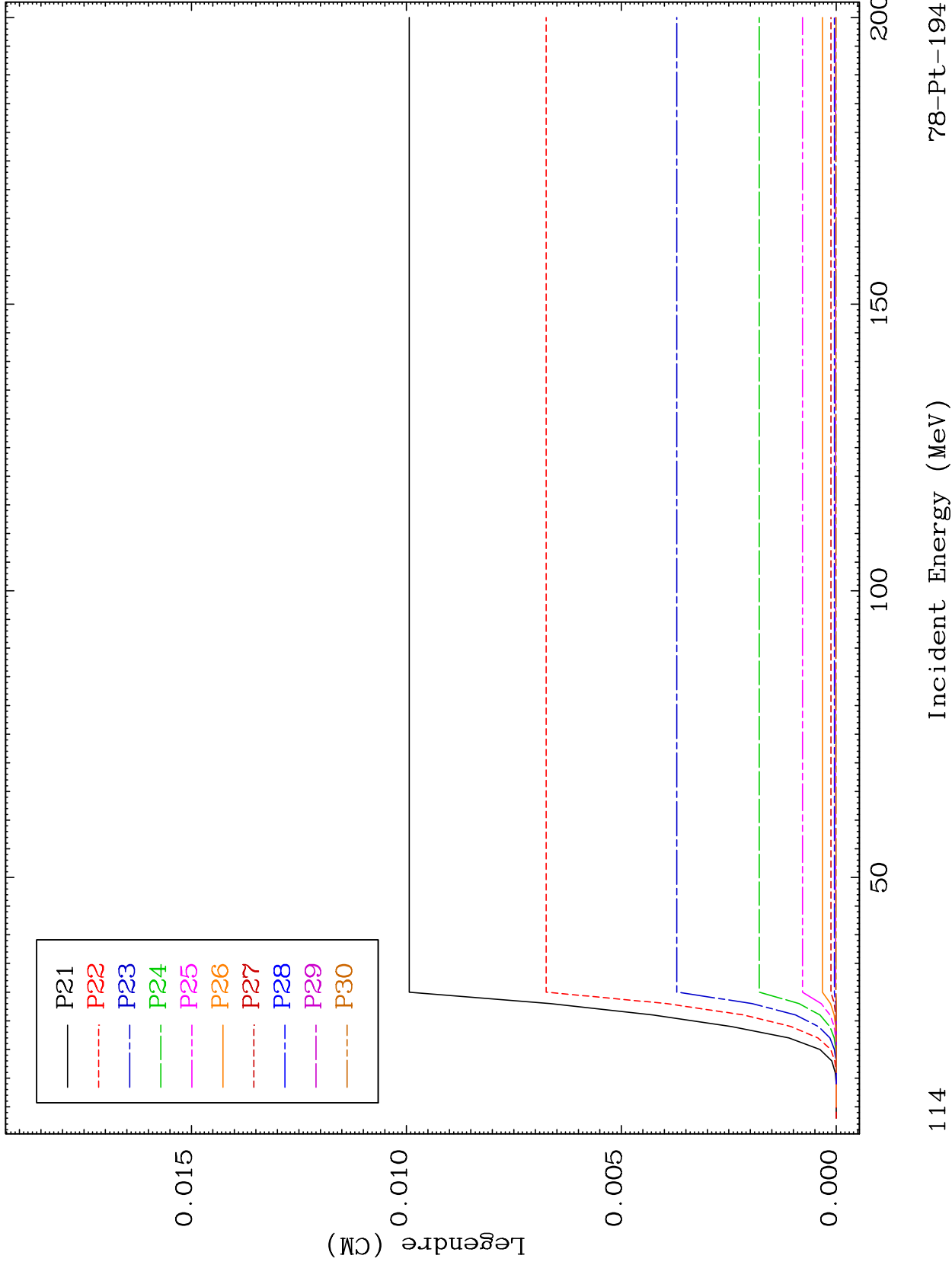
78-Pt-194

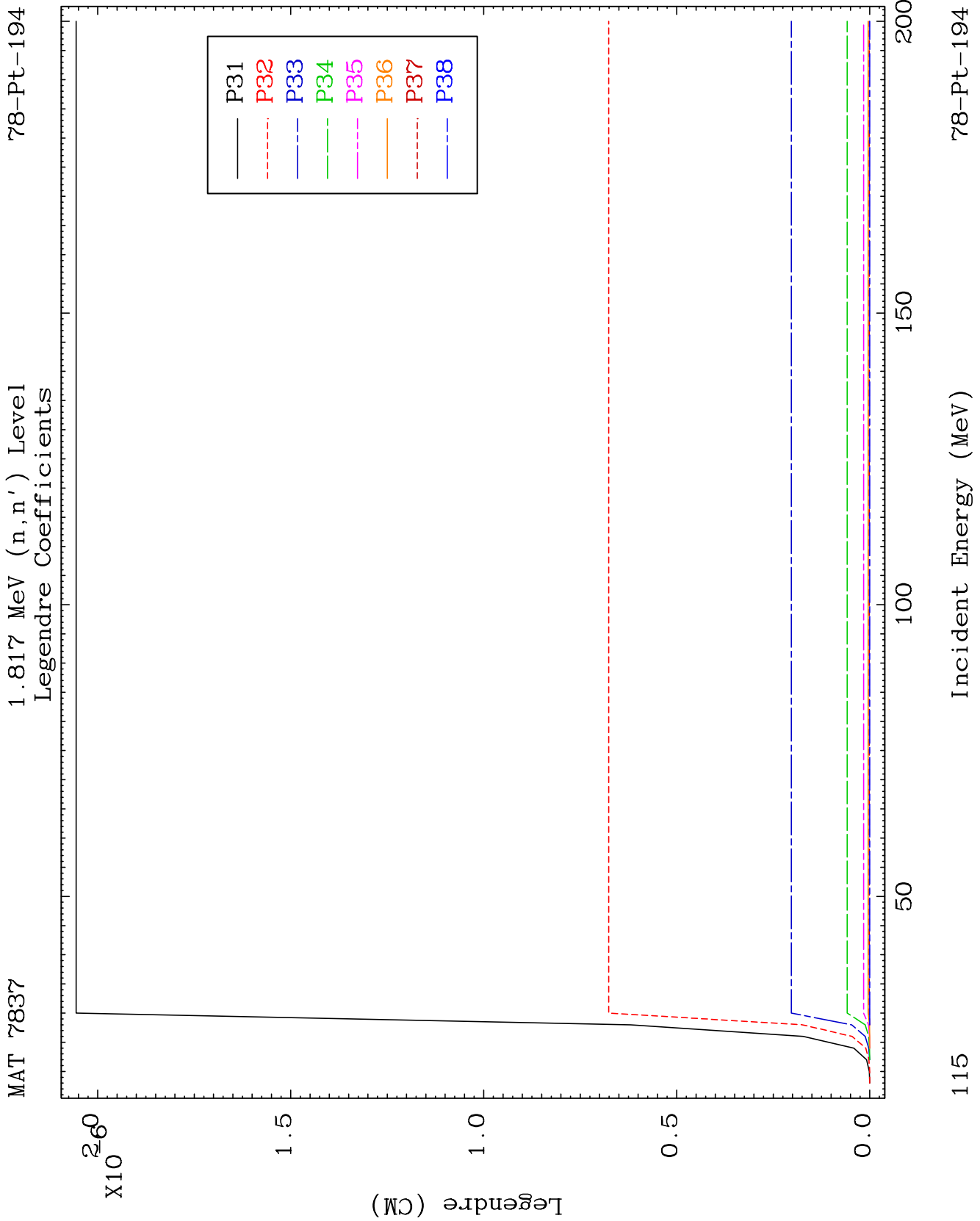


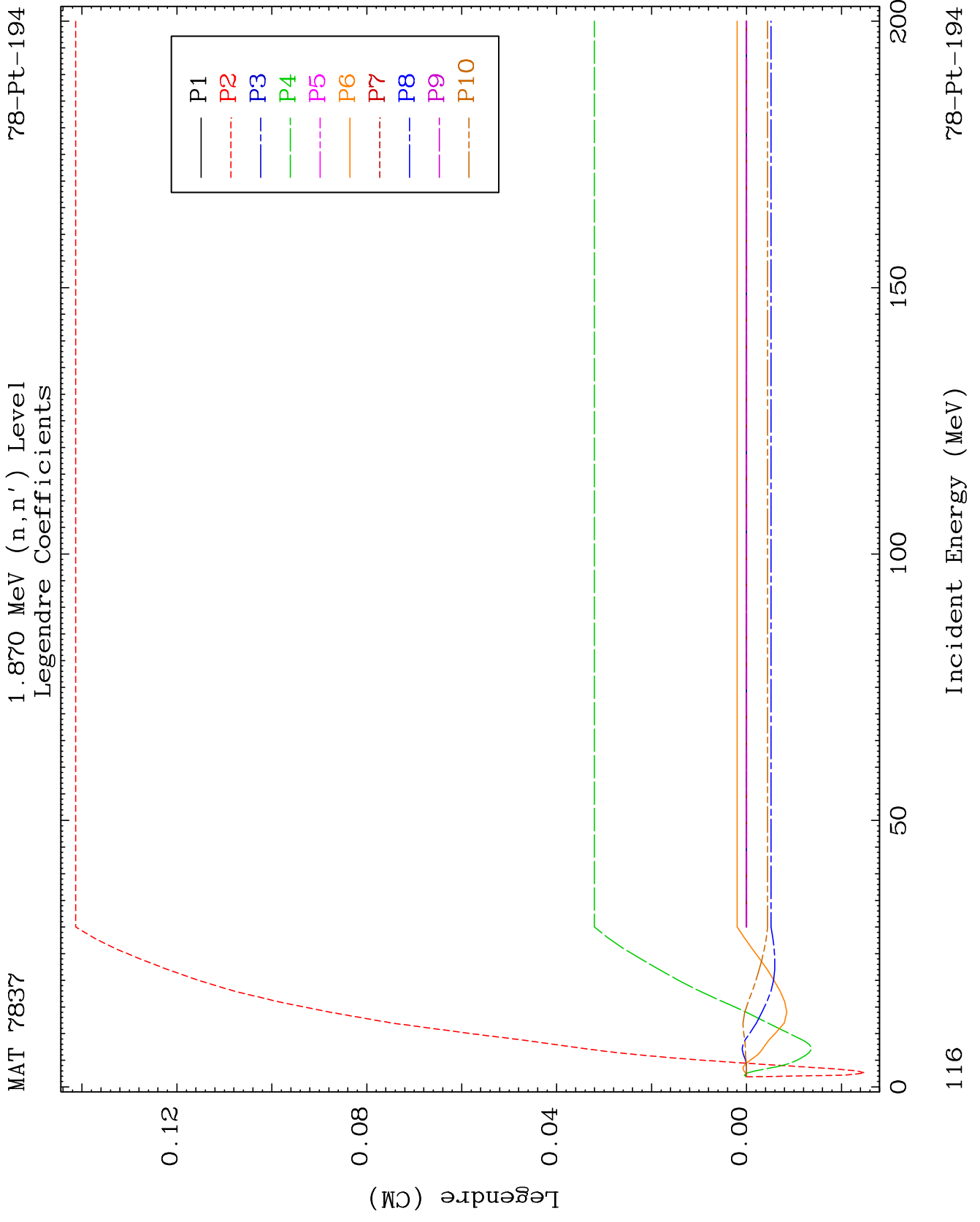
113

Incident Energy (MeV)

78-Pt-194



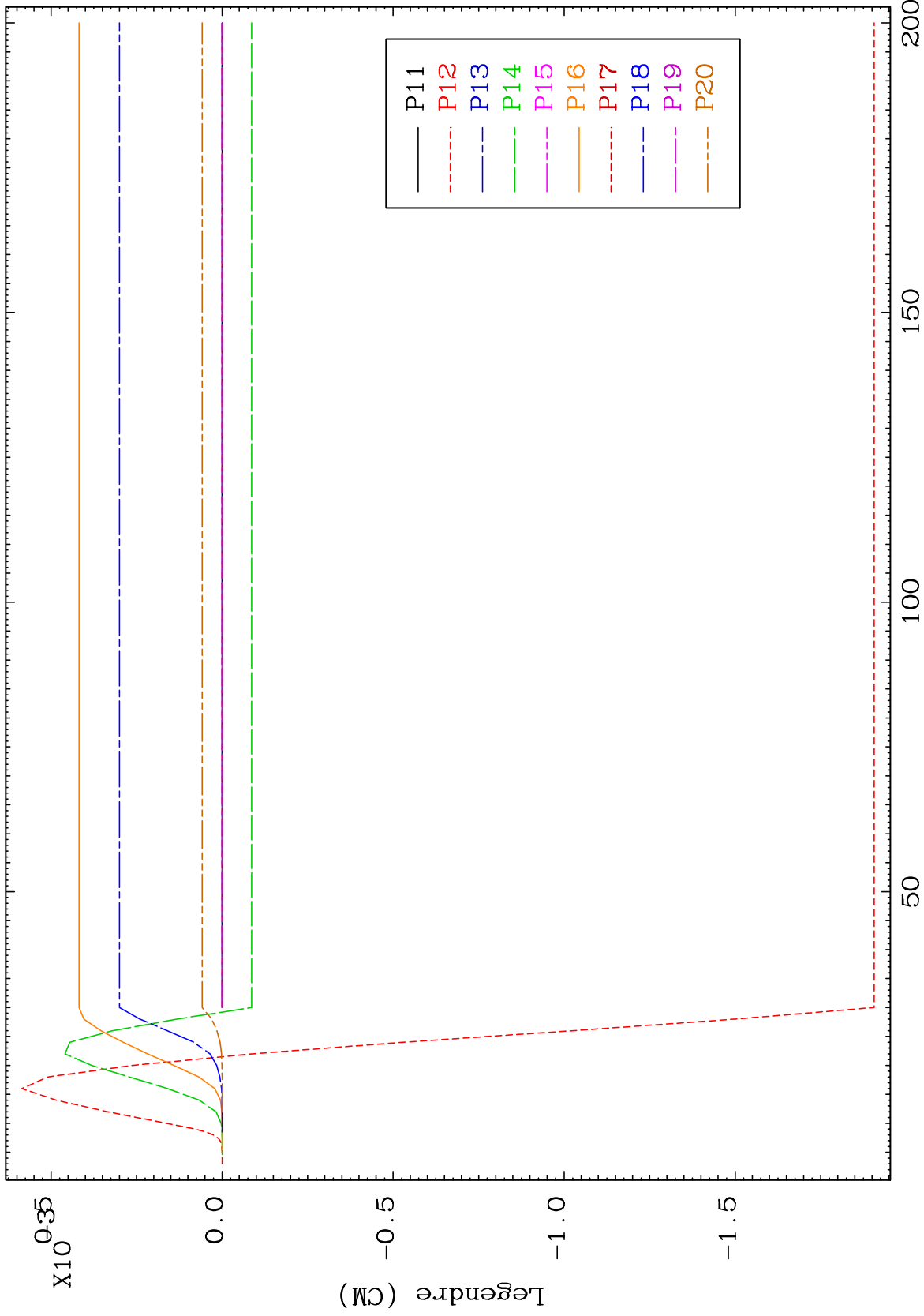




MAT 7837

1.870 MeV (n,n') Level
Legendre Coefficients

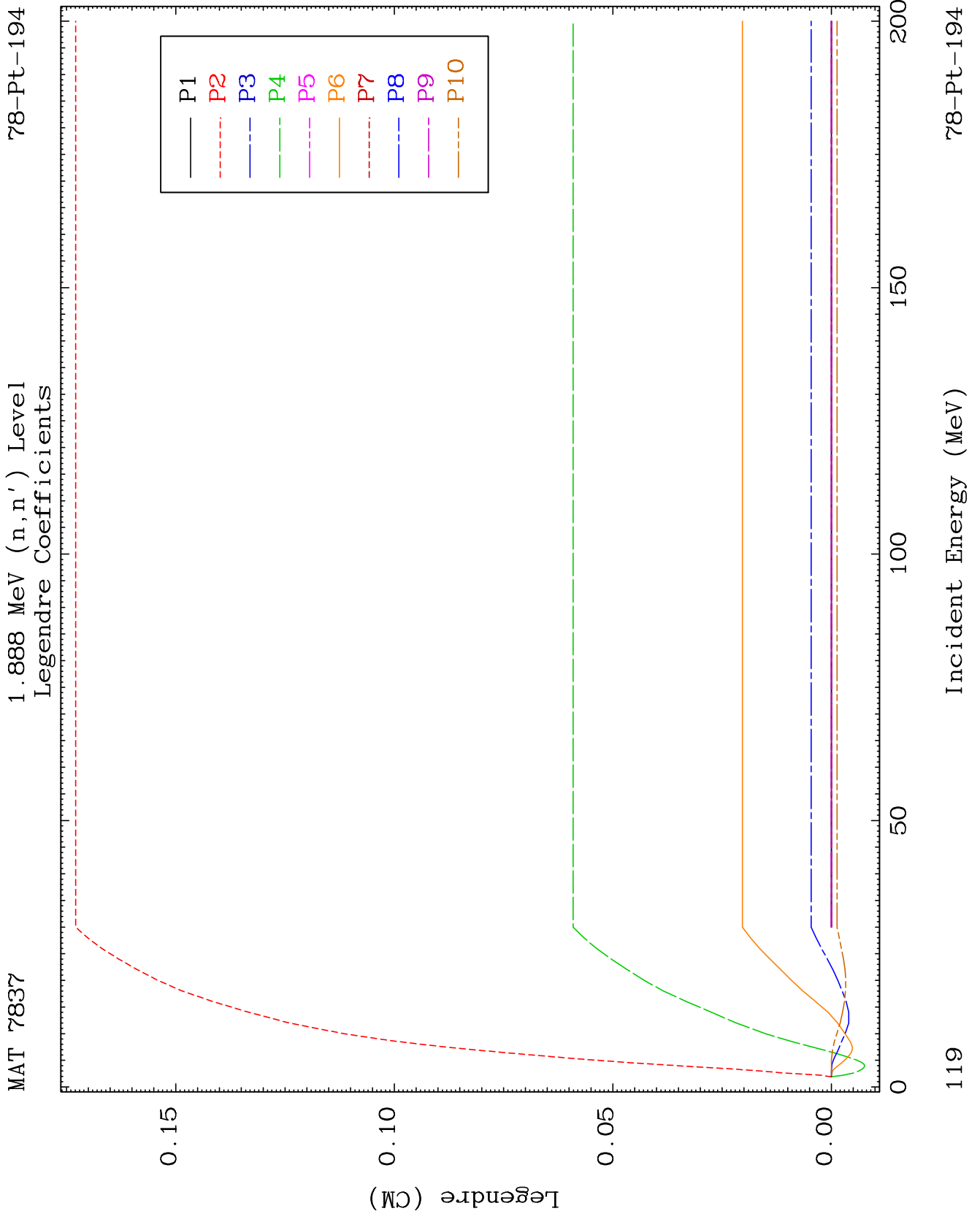
78-Pt-194



117

Incident Energy (MeV)

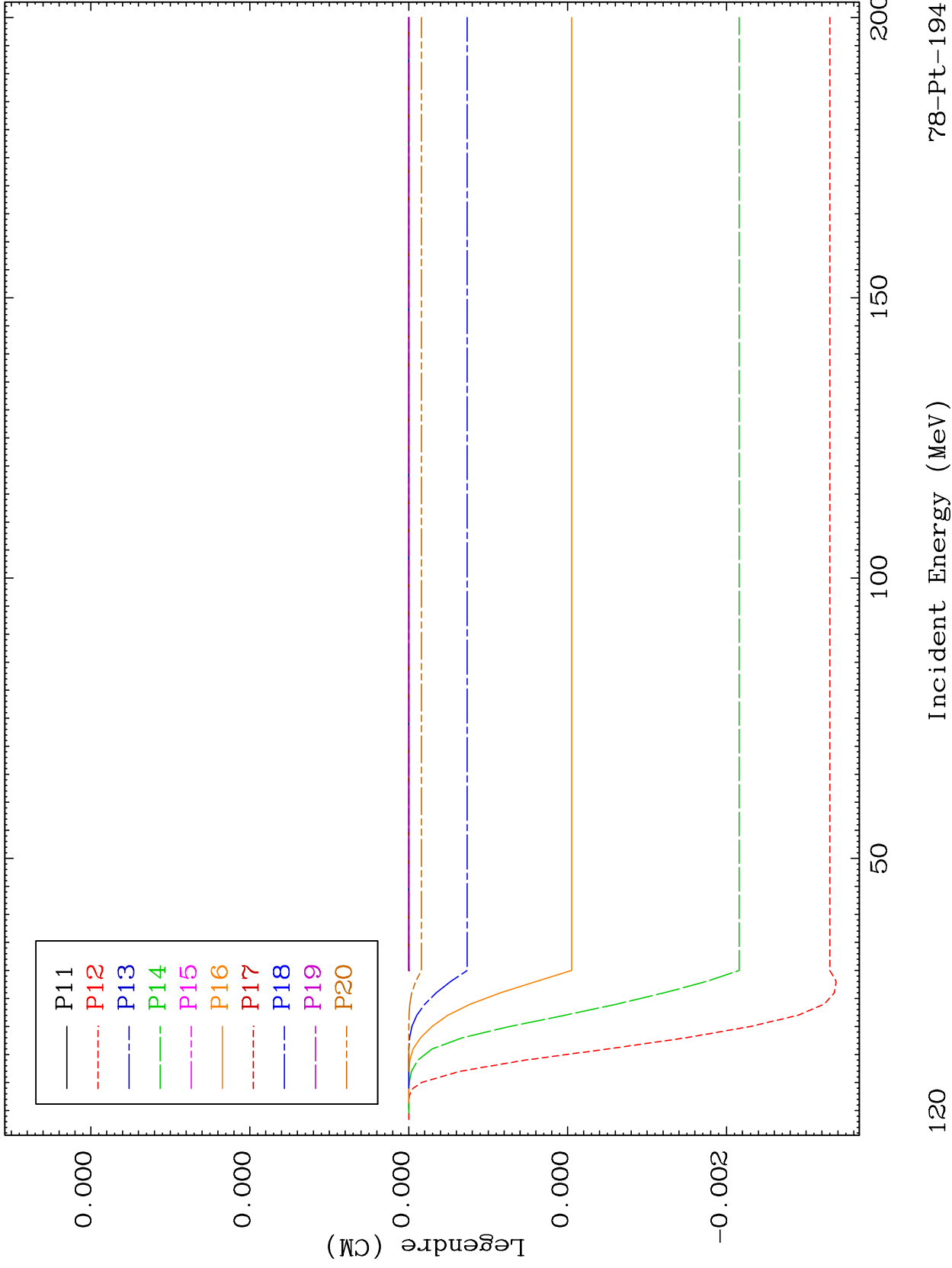
78-Pt-194



MAT 7837

1.888 MeV (n,n') Level
Legendre Coefficients

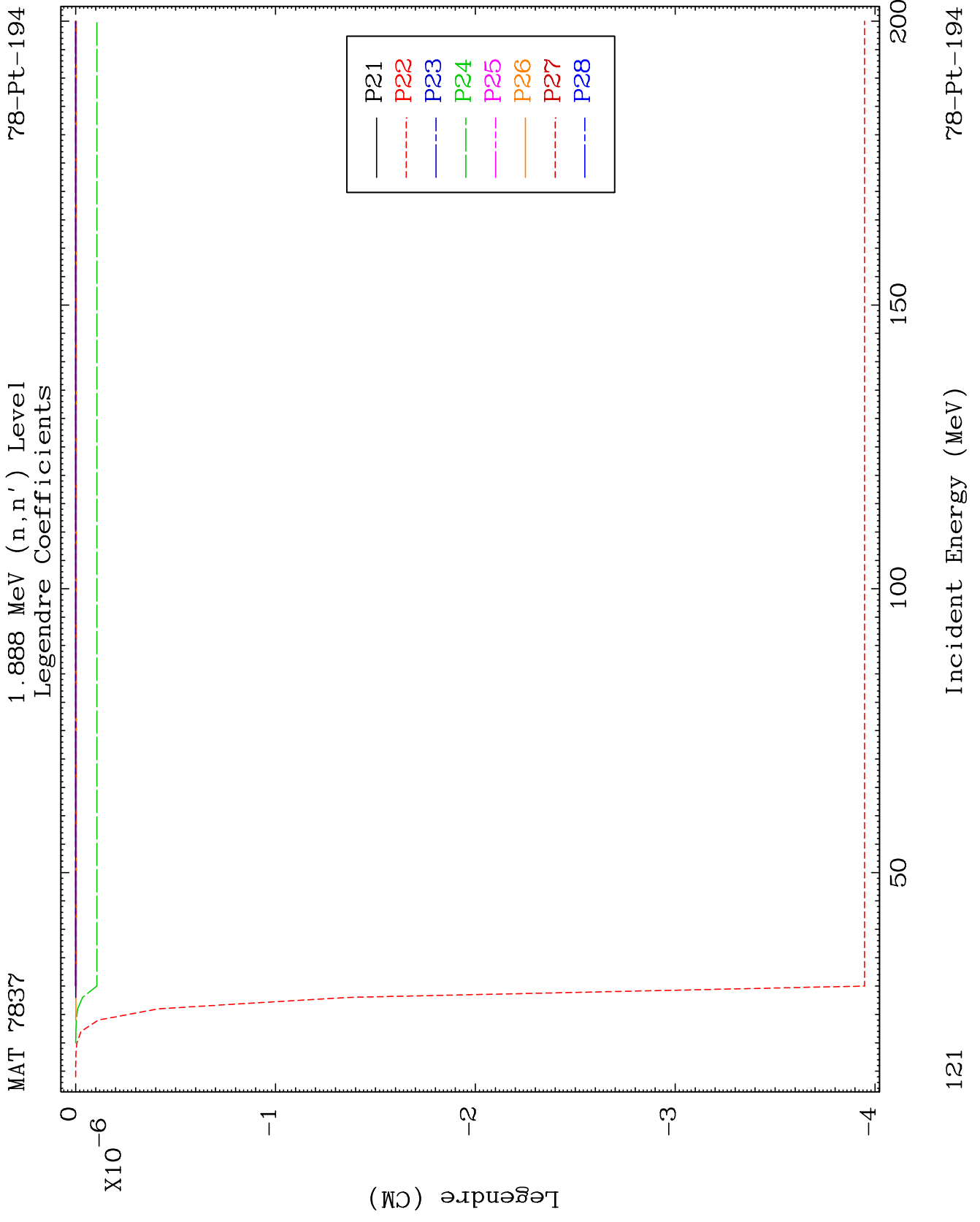
78-Pt-194

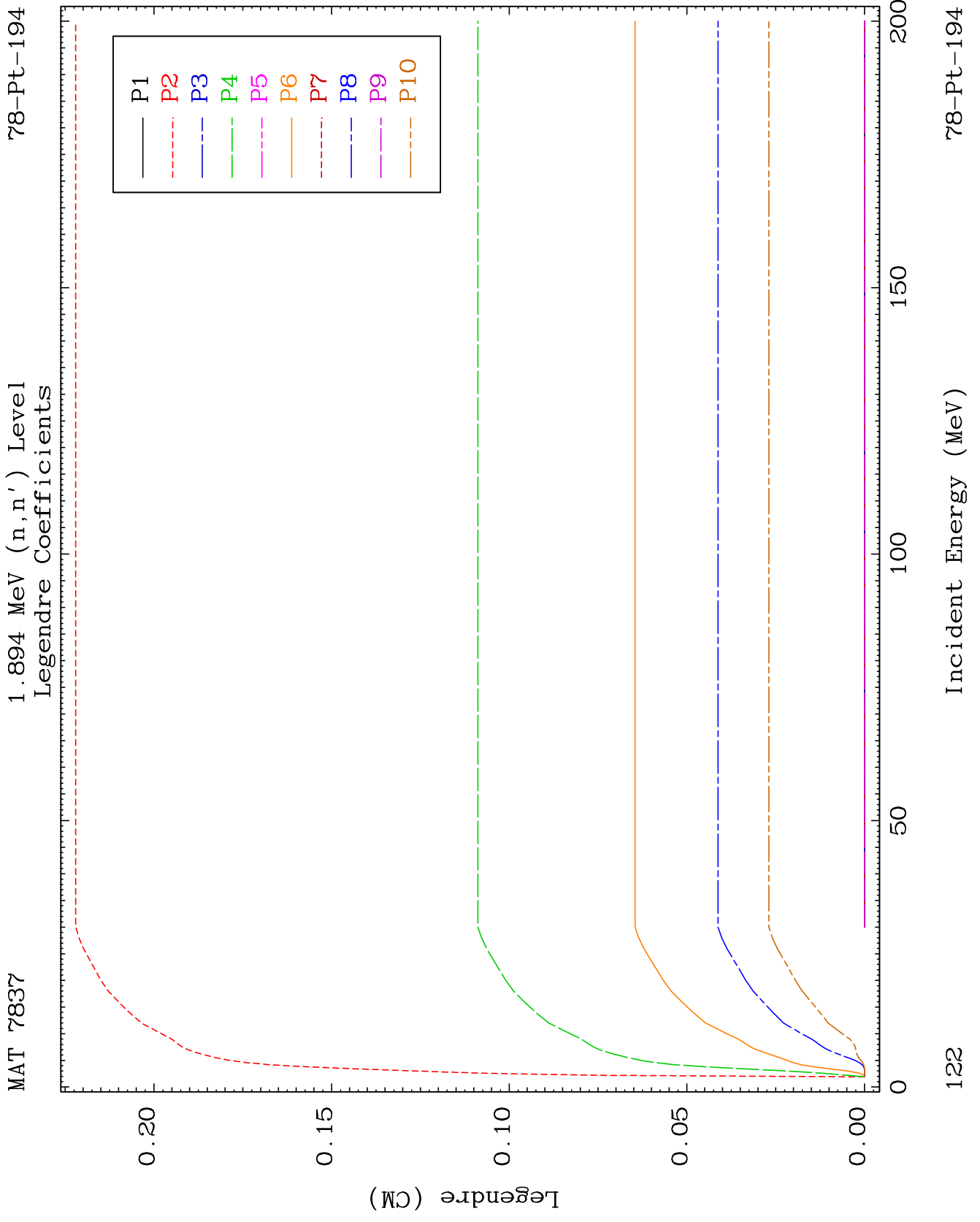


120

Incident Energy (MeV)

78-Pt-194

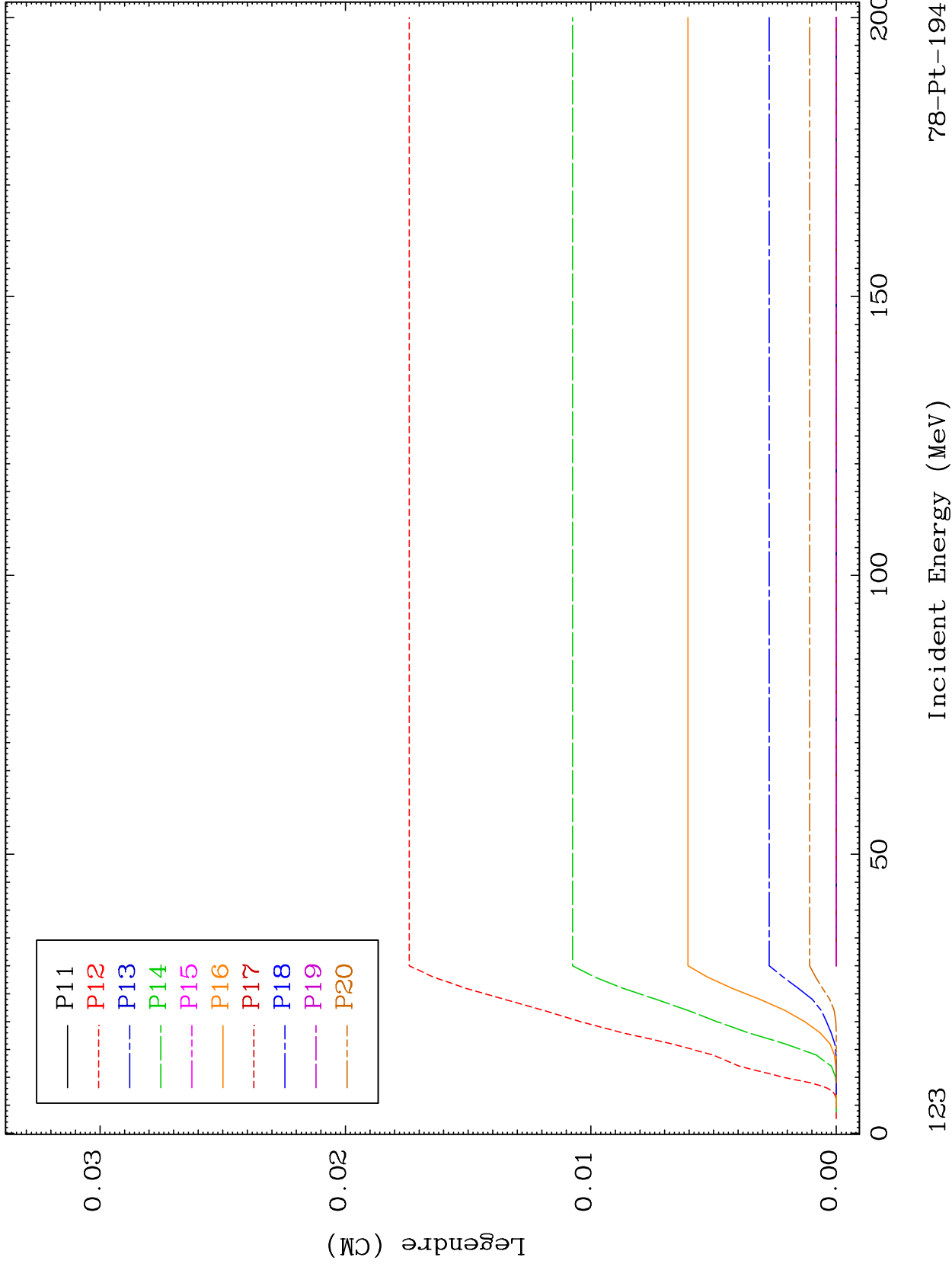




MAT 7837

1.894 MeV (n,n') Level
Legendre Coefficients

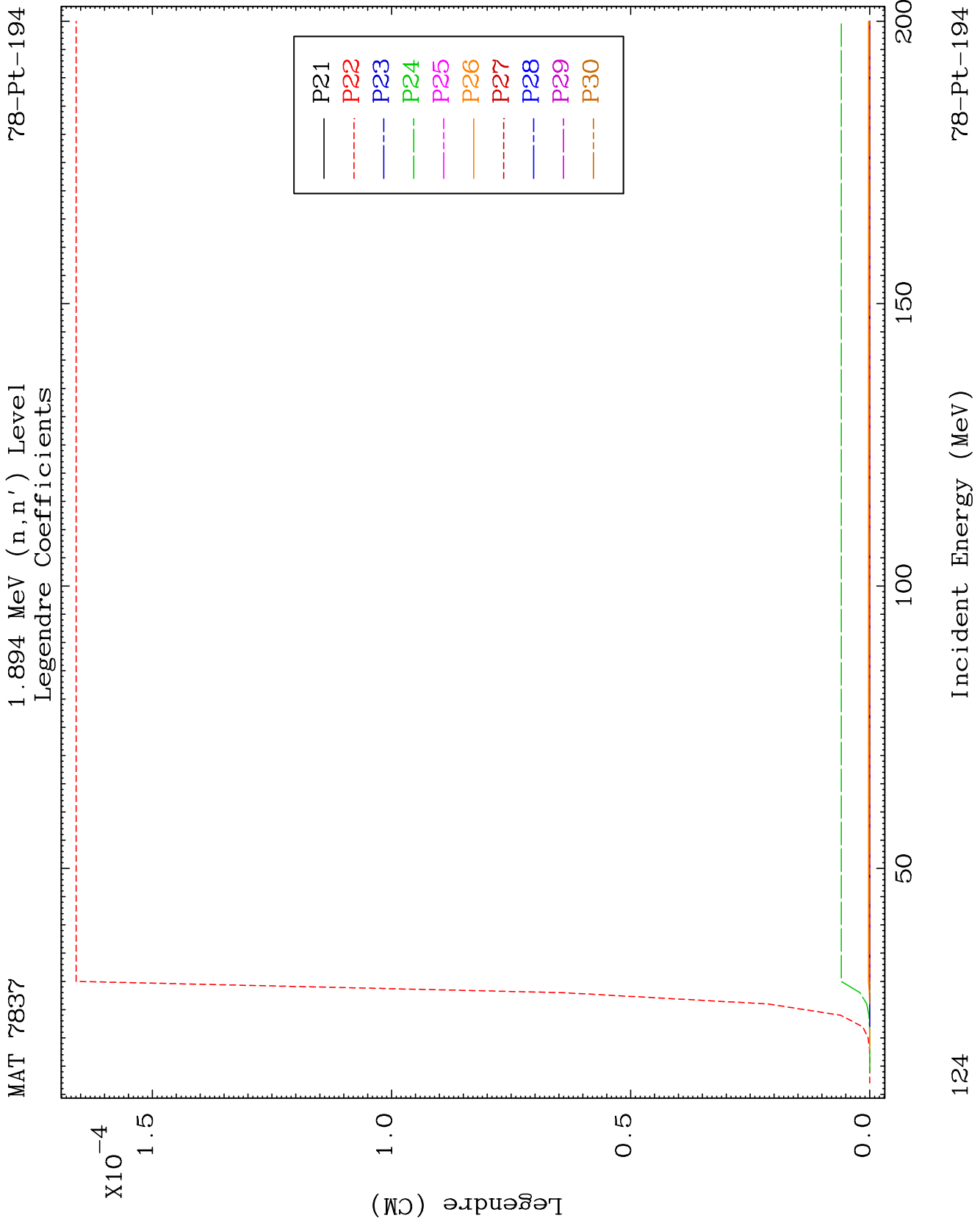
78-Pt-194

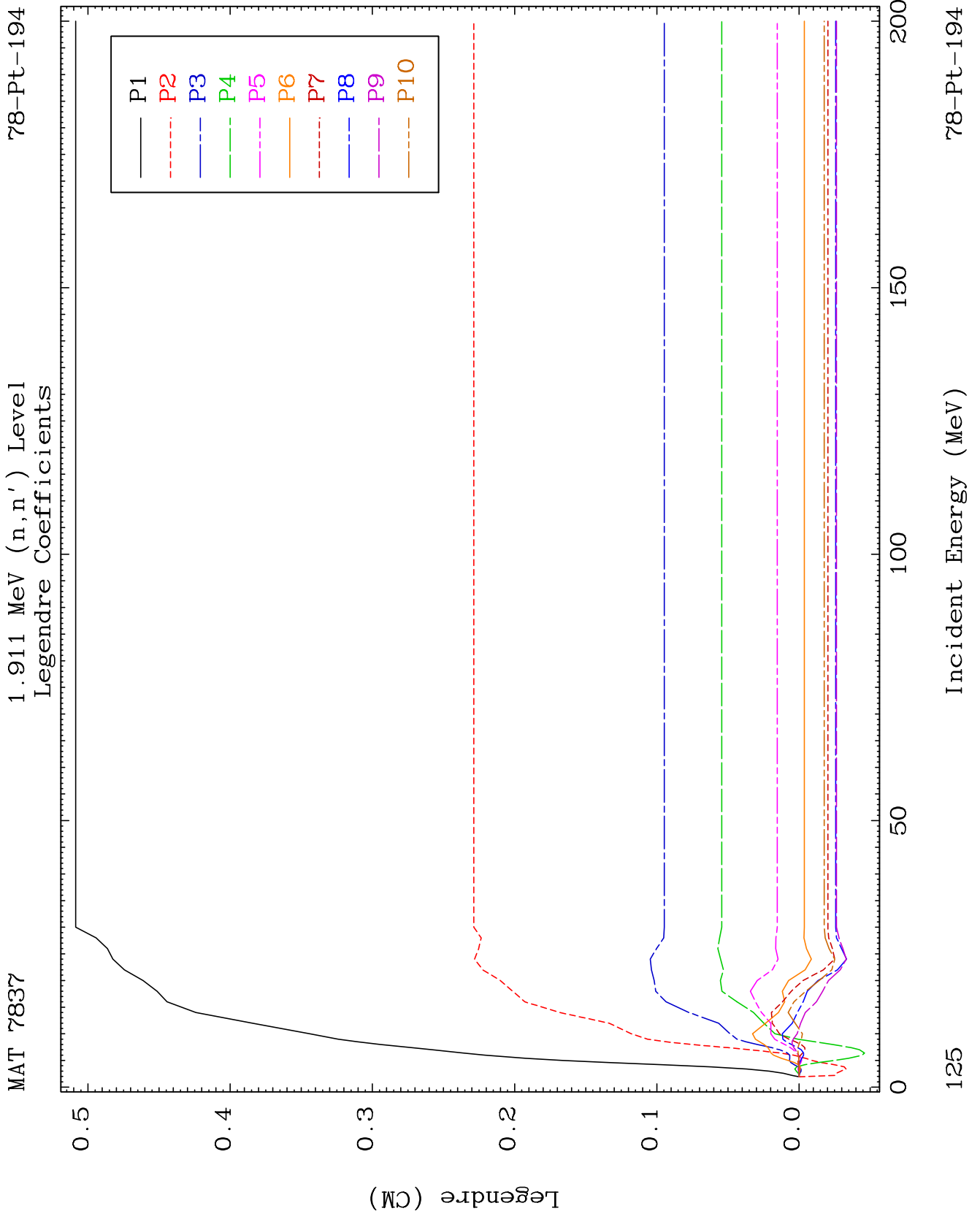


123

Incident Energy (MeV)

78-Pt-194

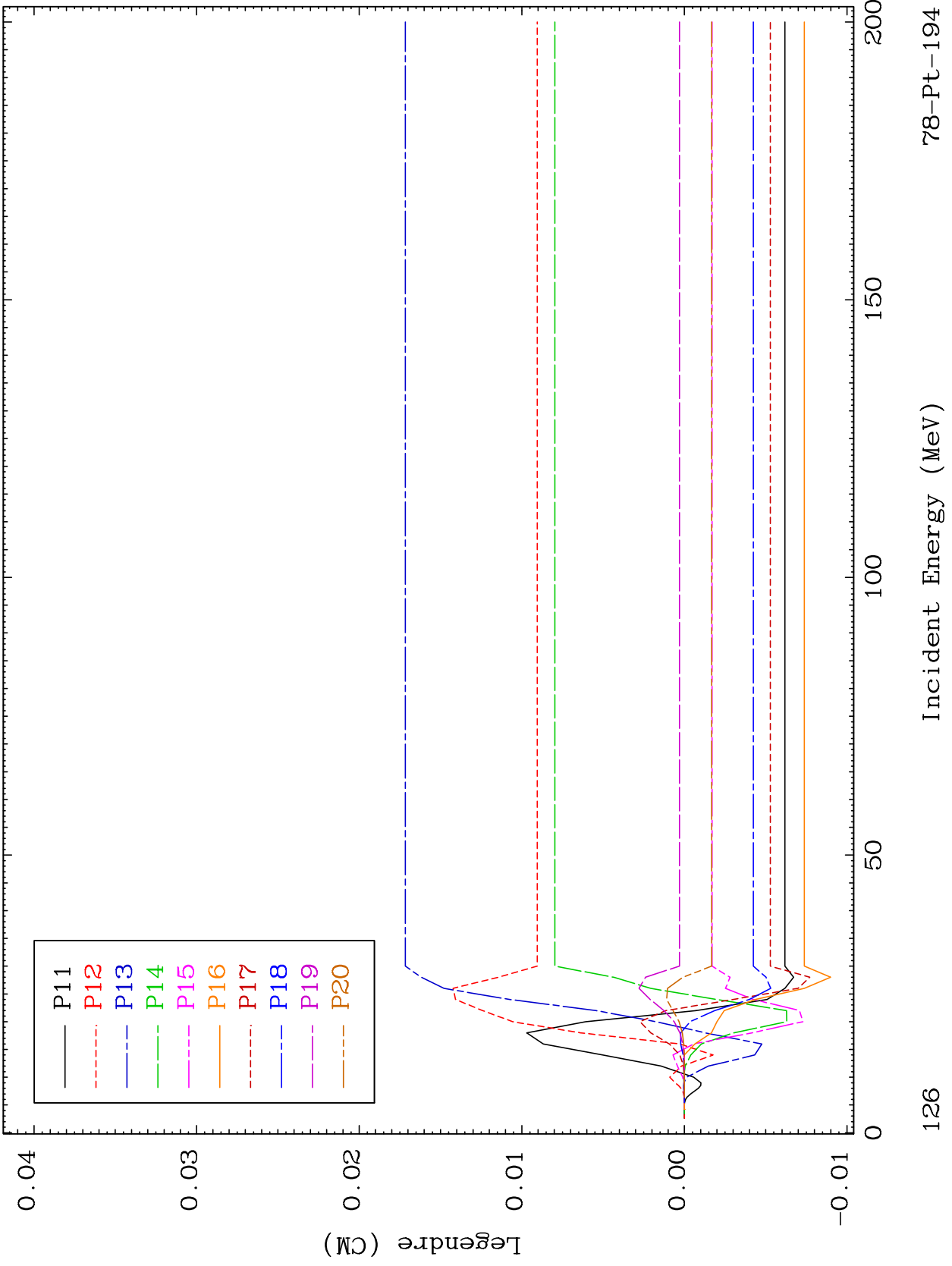




MAT 7837

1.911 MeV (n,n') Level
Legendre Coefficients

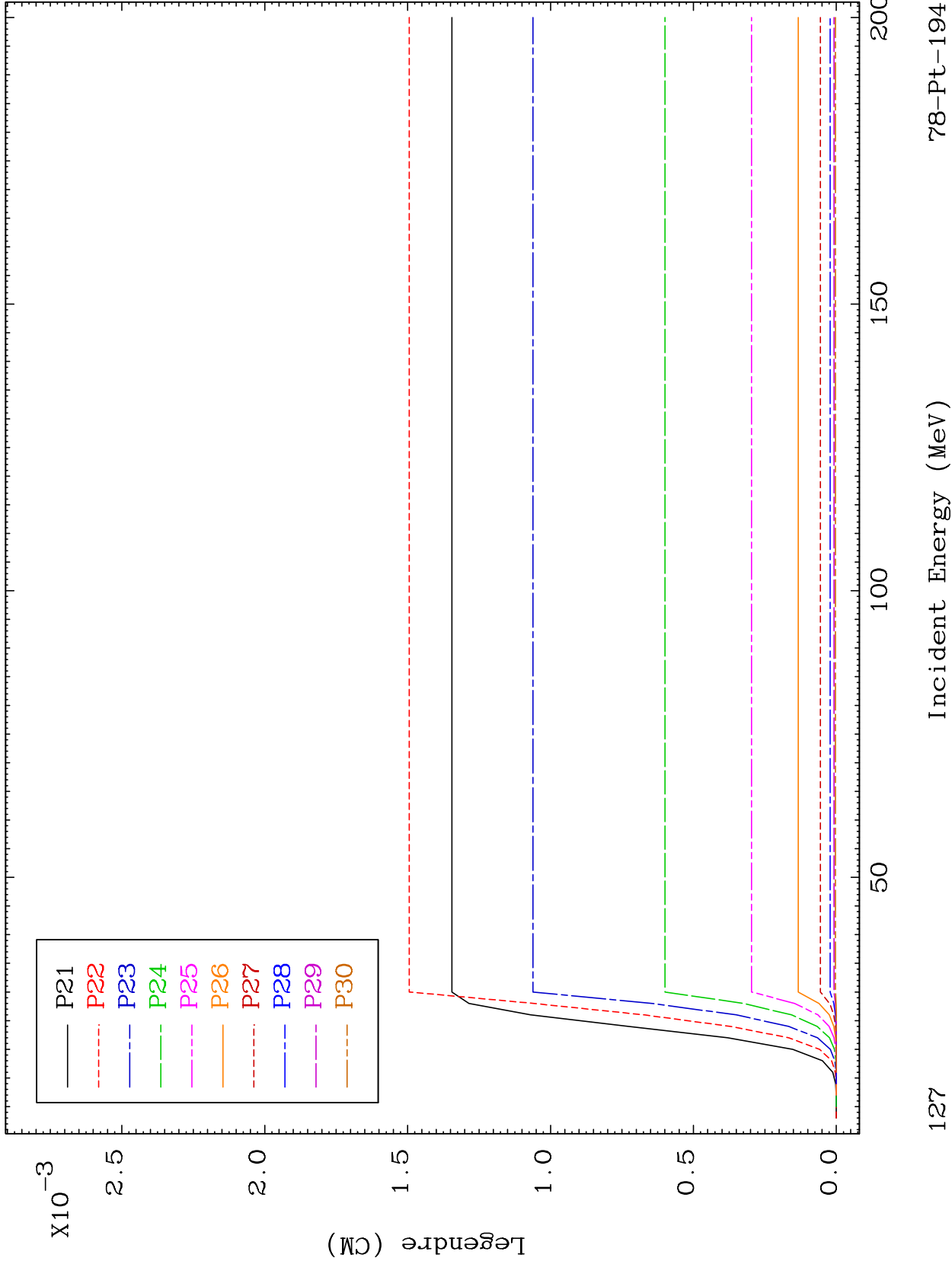
78-Pt-194

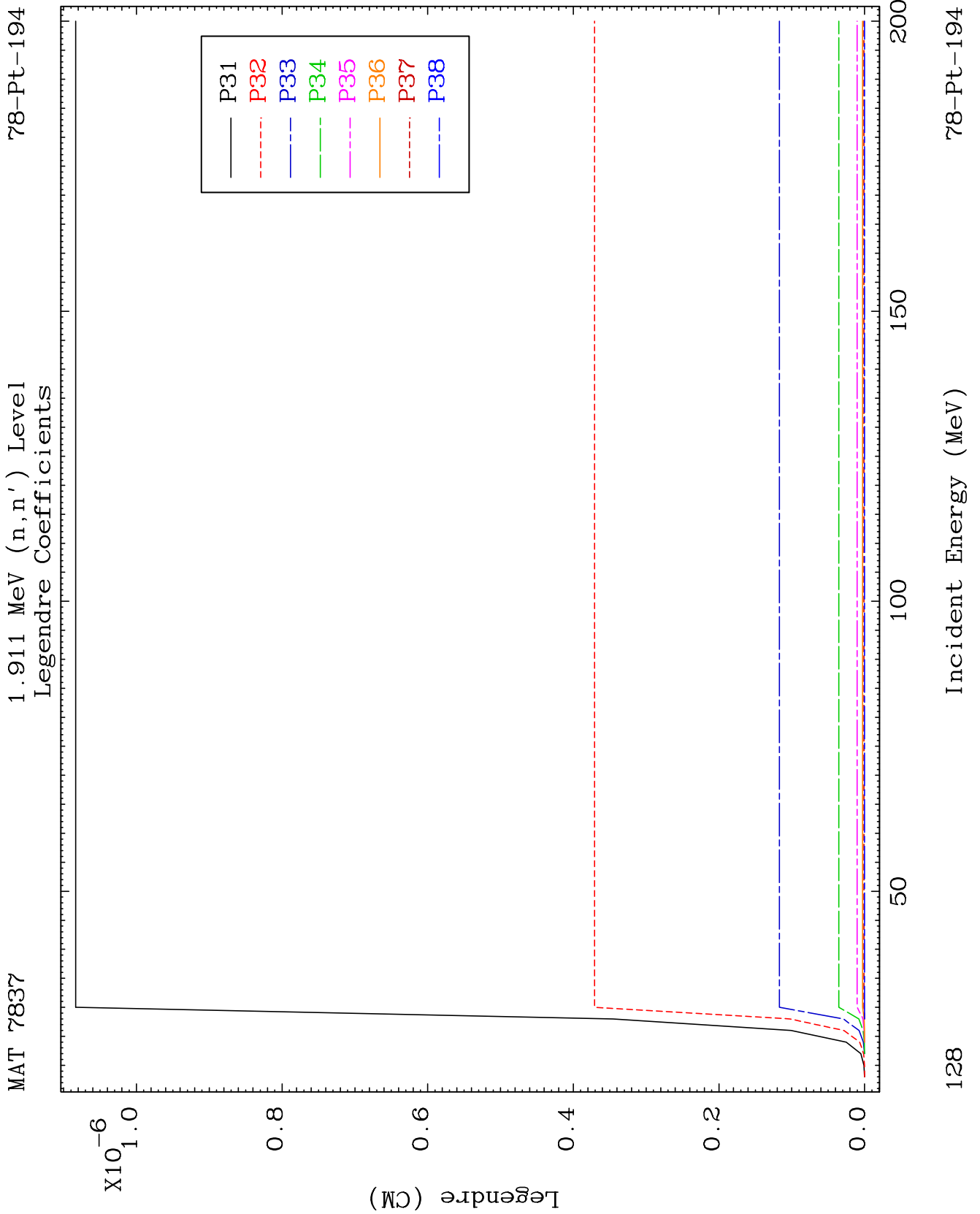


126

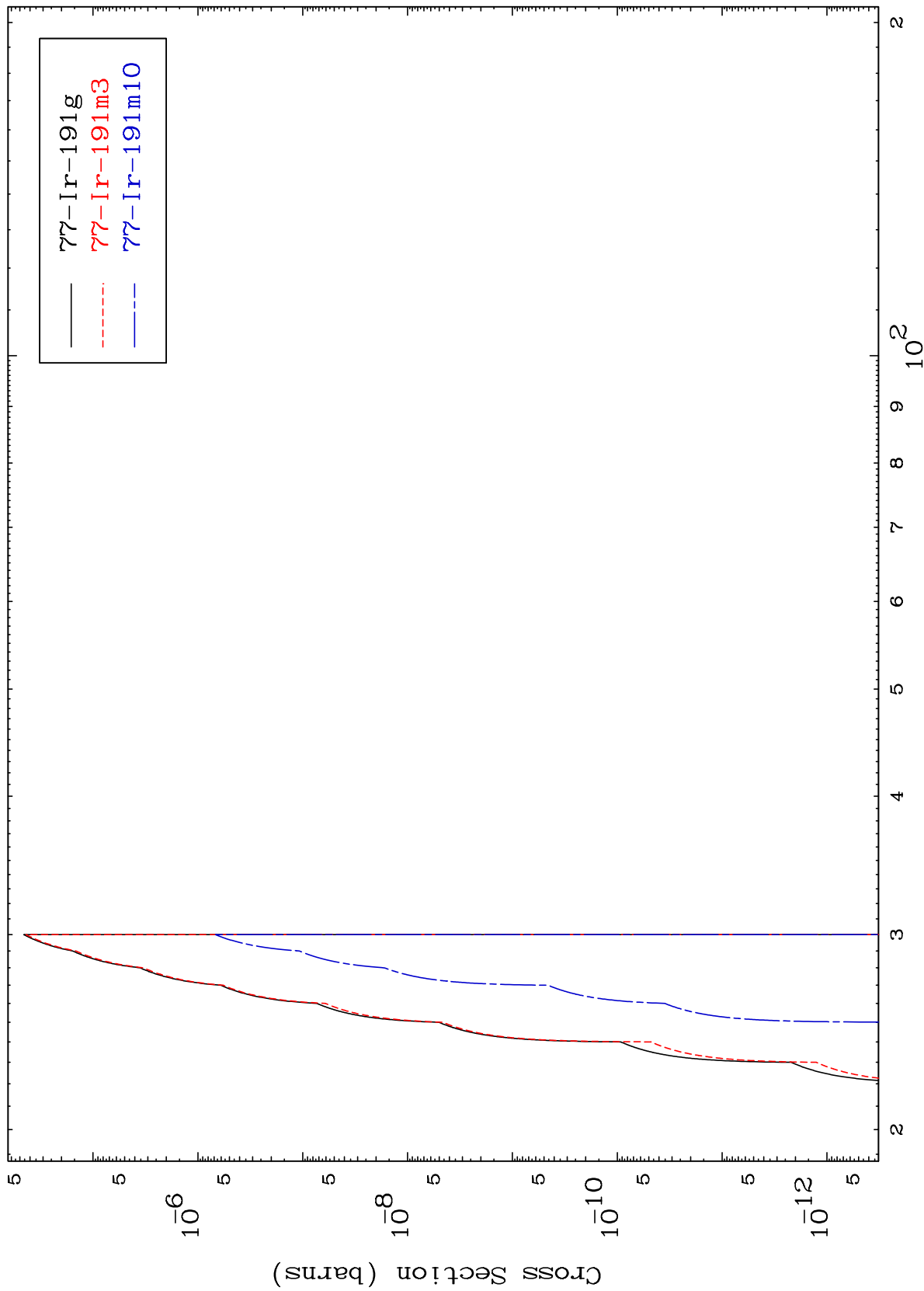
Incident Energy (MeV)

78-Pt-194





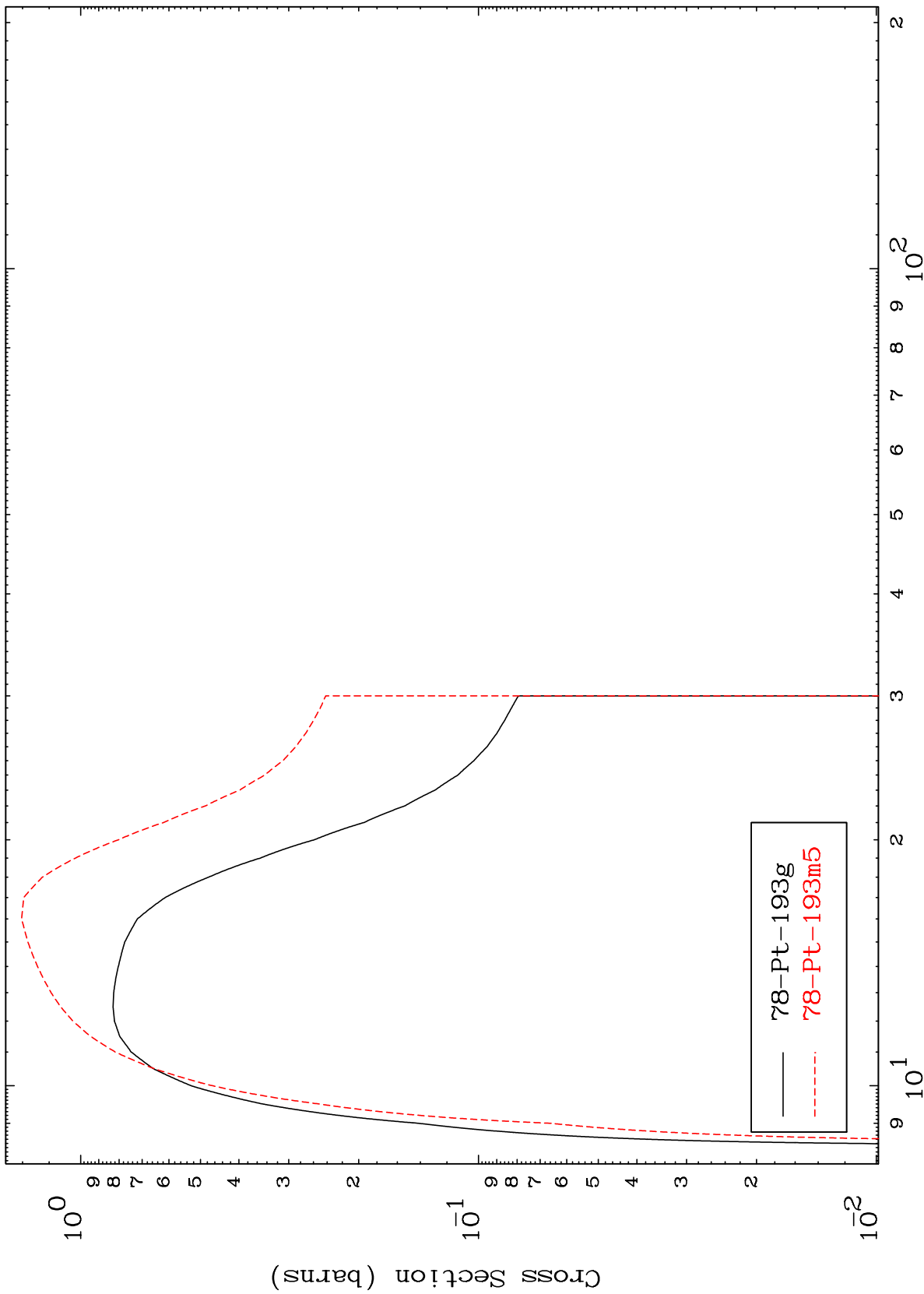
Radionuclide Production Cross Section



MAT 7837

78-Pt-194

(n,2n)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

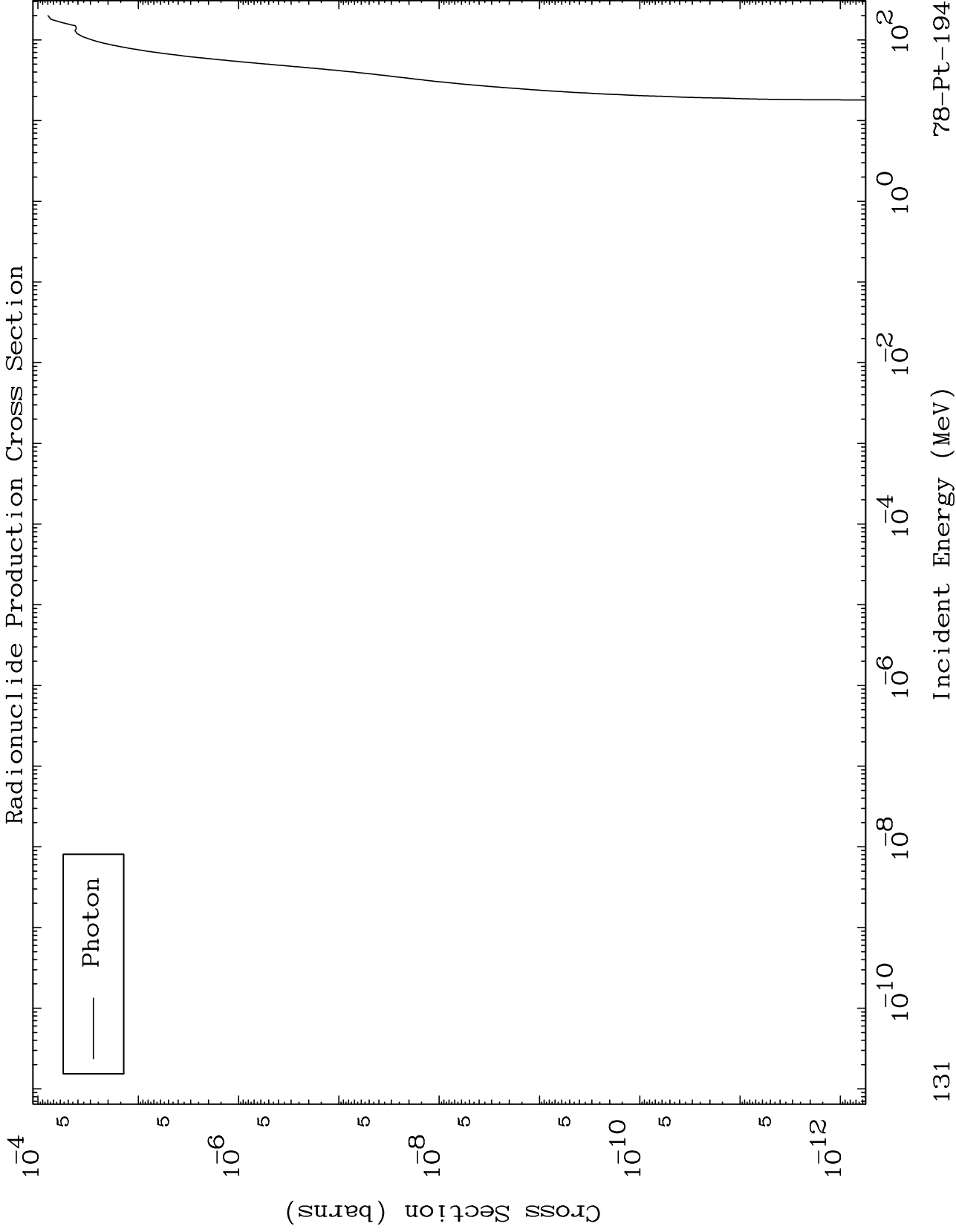
78-Pt-194

MAT 7837

Fission

78-Pt-194

Radionuclide Production Cross Section



131

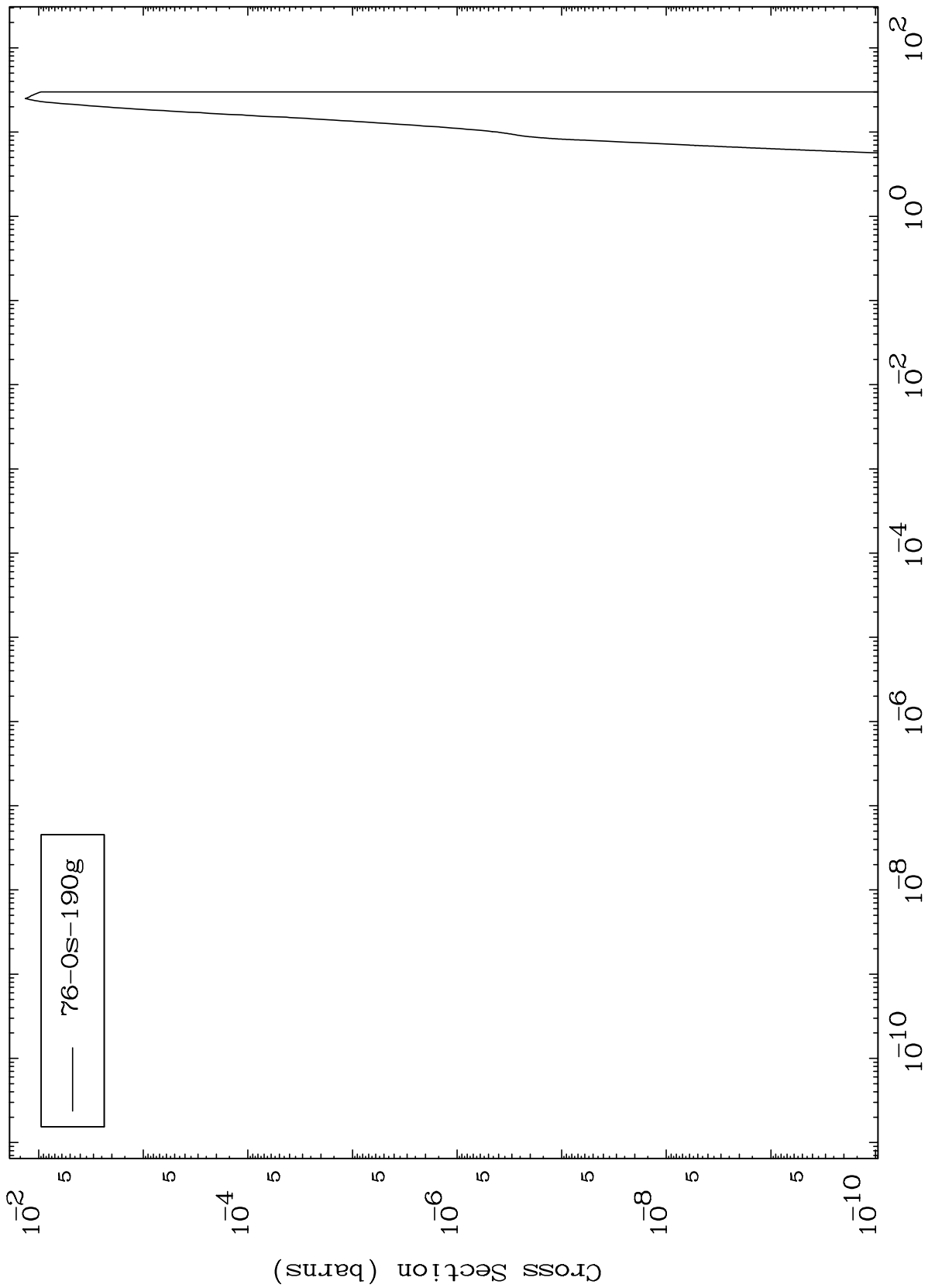
78-Pt-194

MAT 7837

$(n, n') \alpha$

78-Pt-194

Radionuclide Production Cross Section

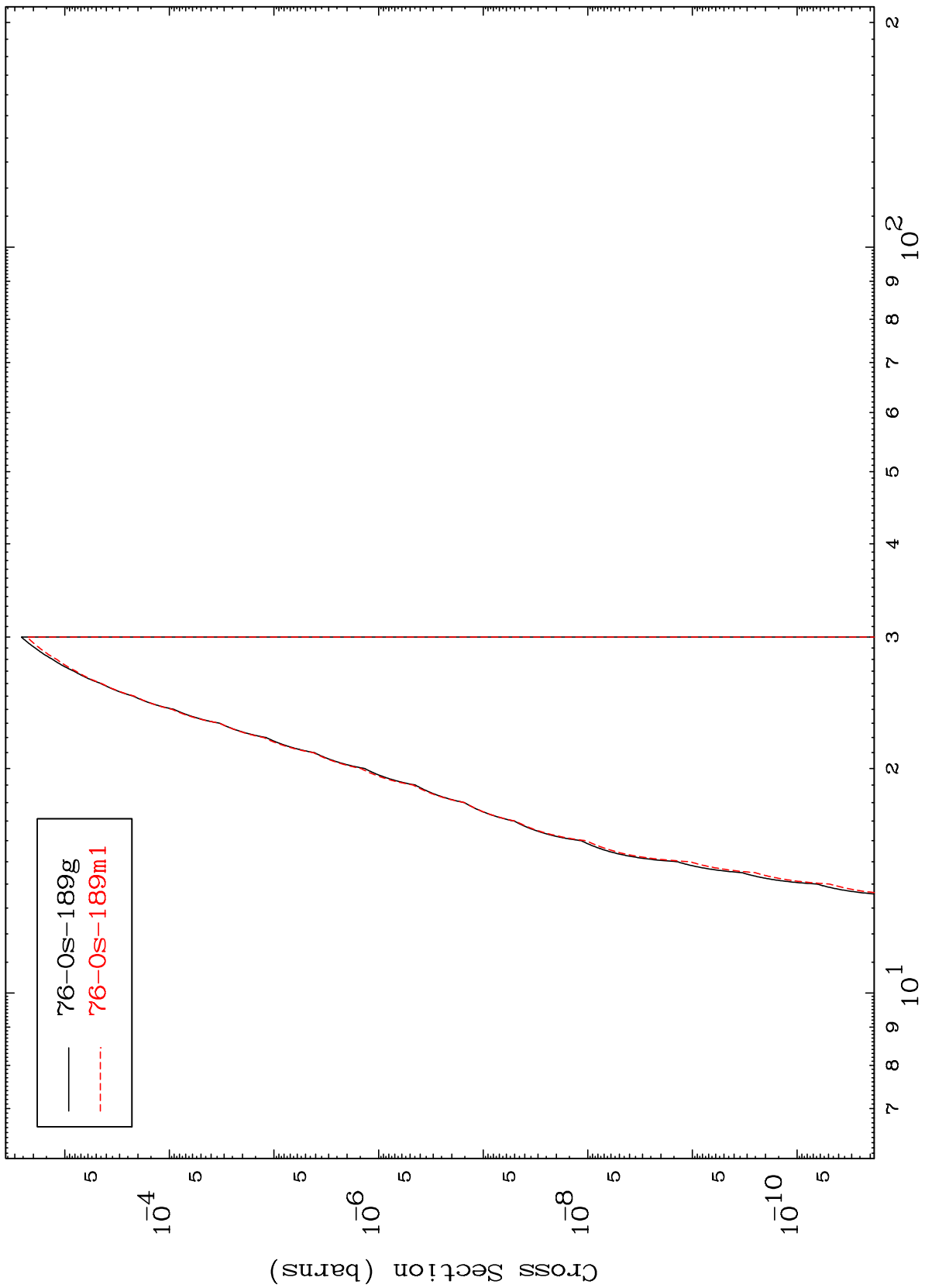


MAT 7837

(n,2n) α

78-Pt-194

Radionuclide Production Cross Section



133

Incident Energy (MeV)

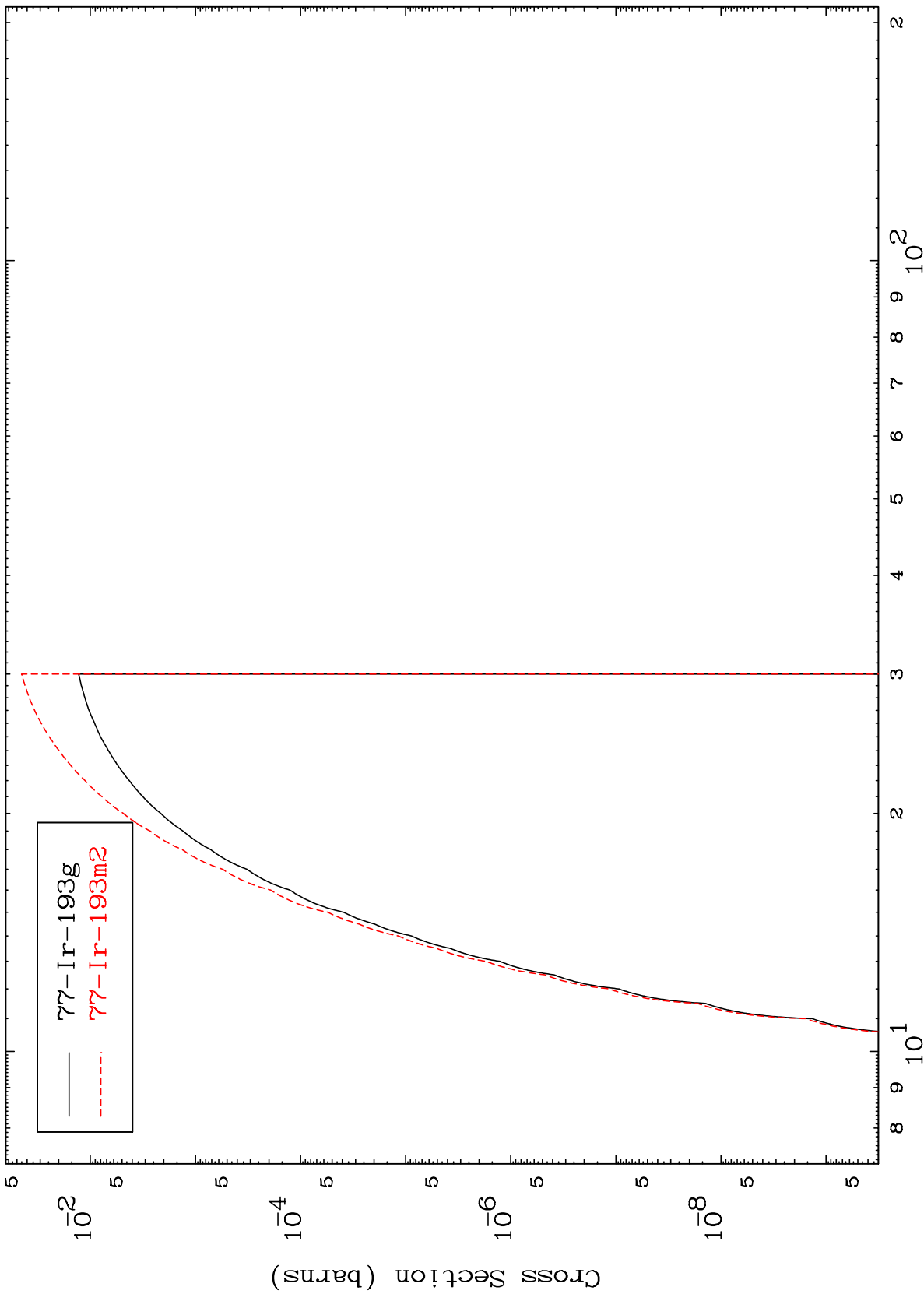
78-Pt-194

MAT 7837

(n,n') p

78-Pt-194

Radionuclide Production Cross Section

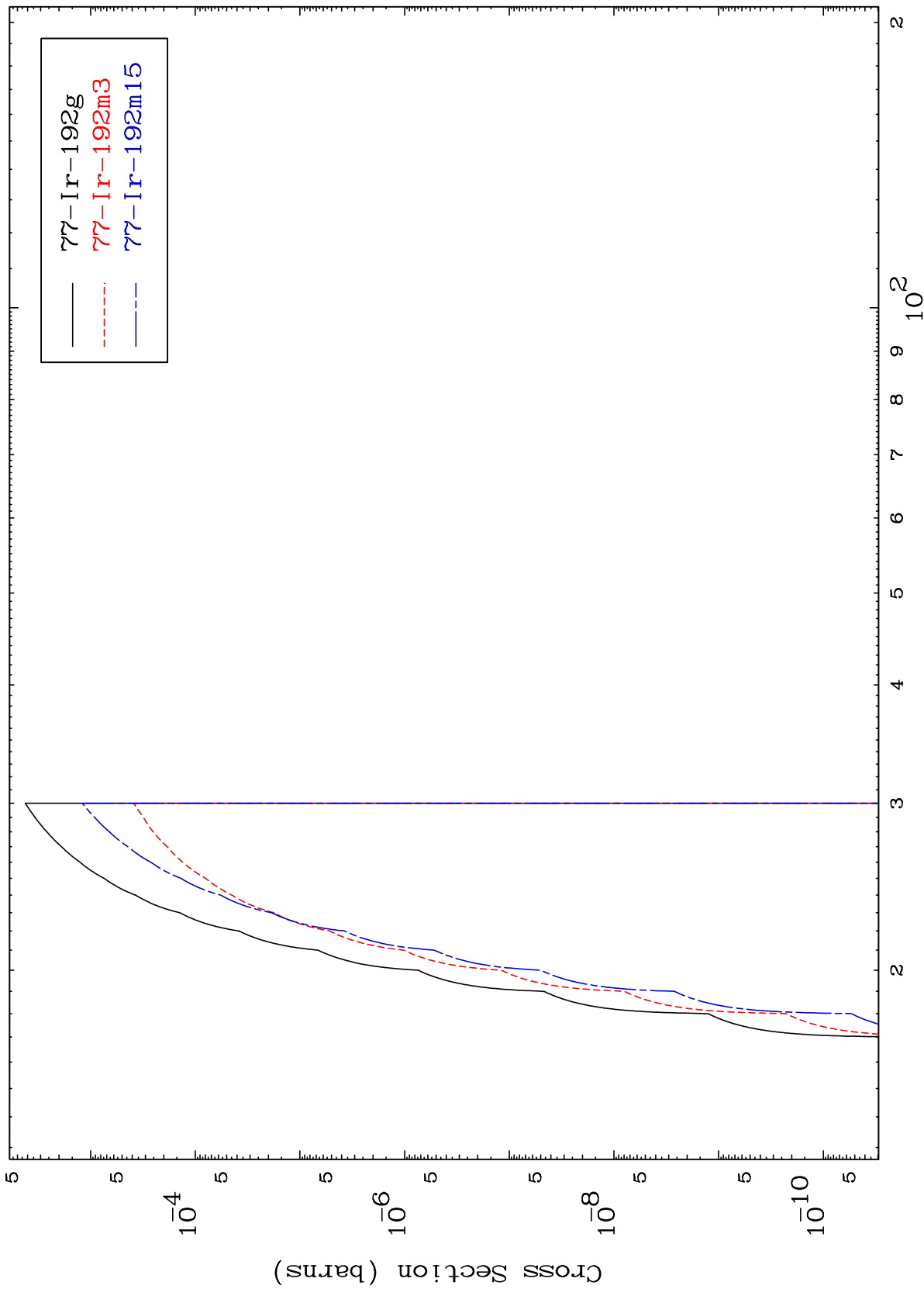


134

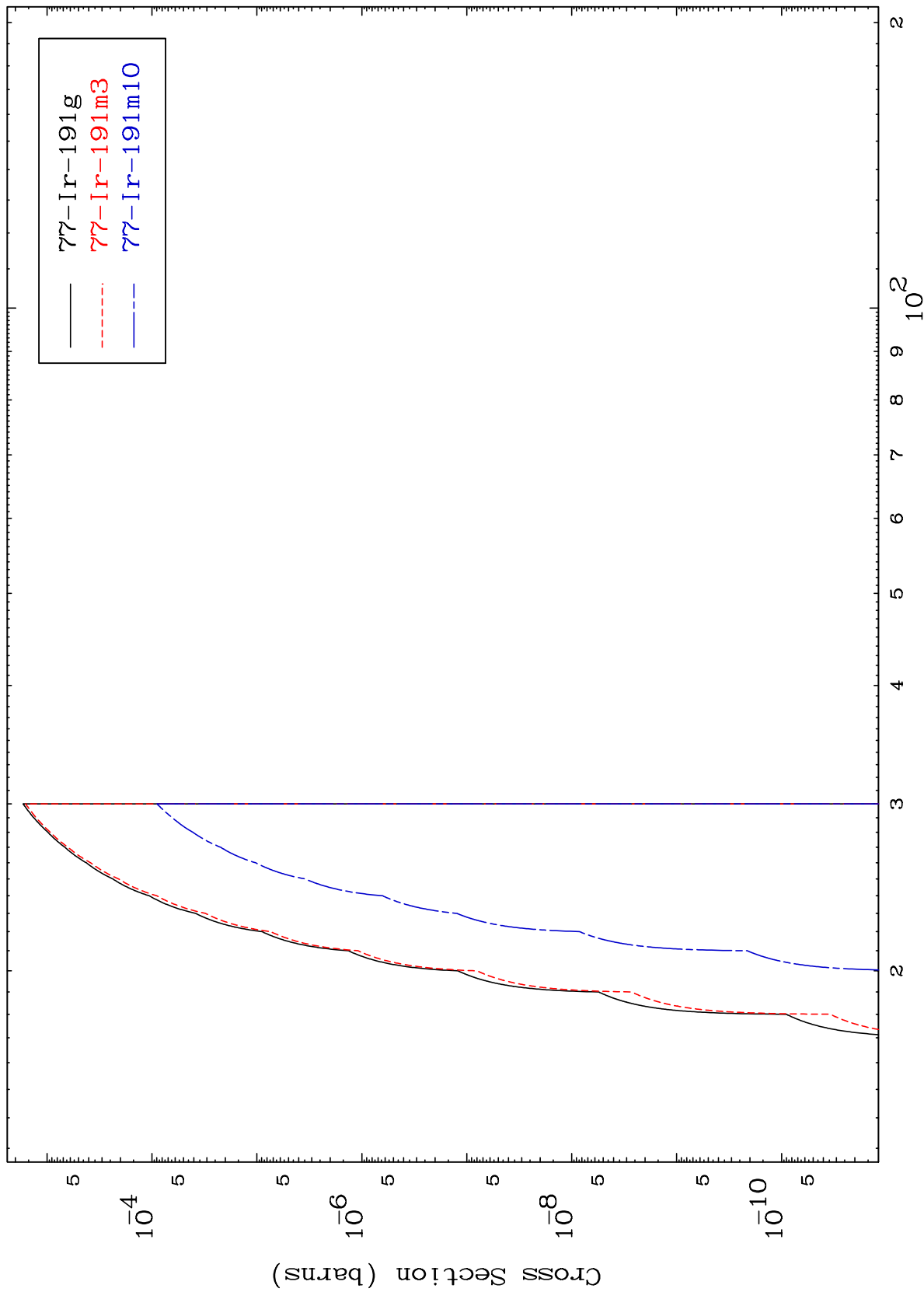
Incident Energy (MeV)

78-Pt-194

Radionuclide Production Cross Section



Radionuclide Production Cross Section

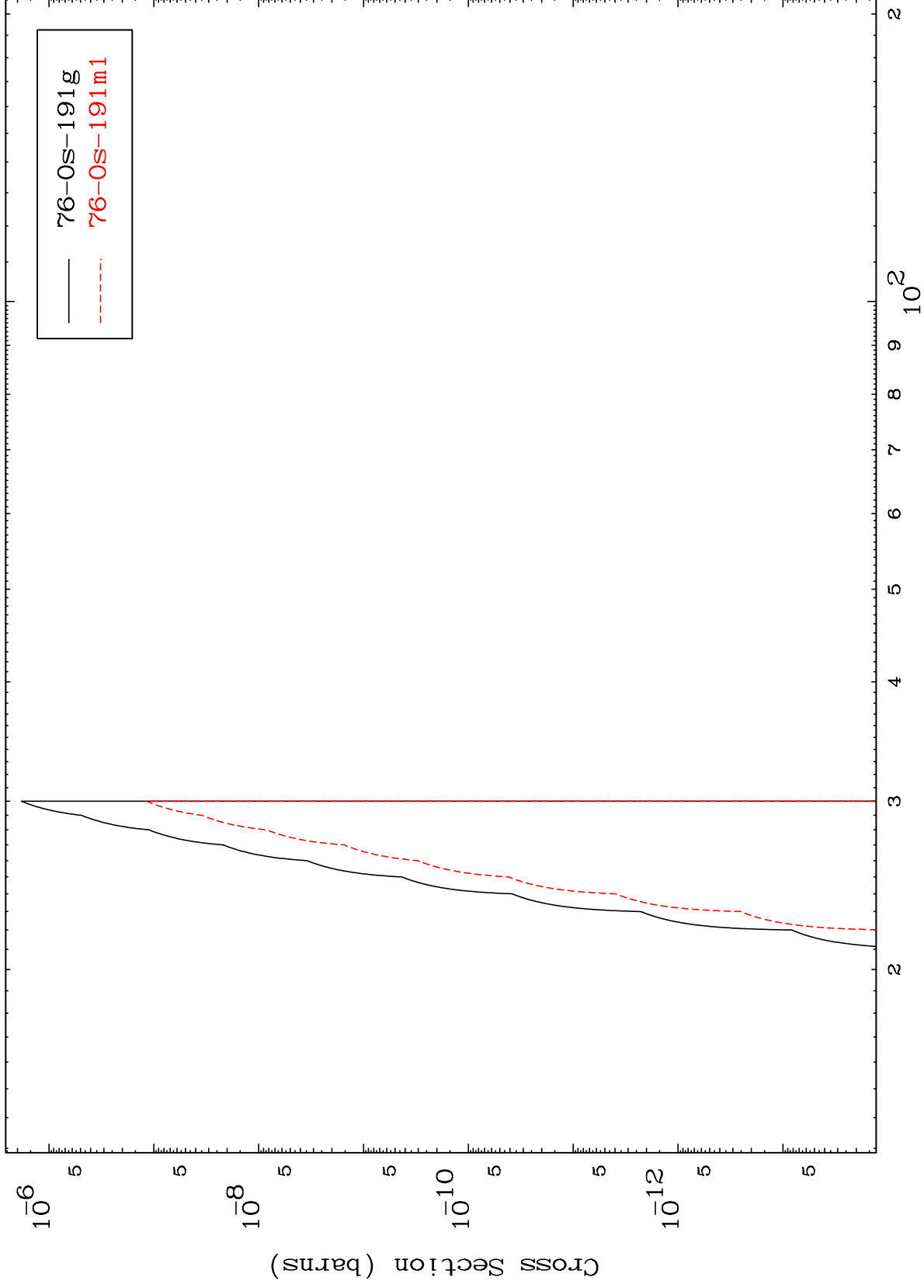


MAT 7837

(n,n') He-3

78-Pt-194

Radionuclide Production Cross Section



137

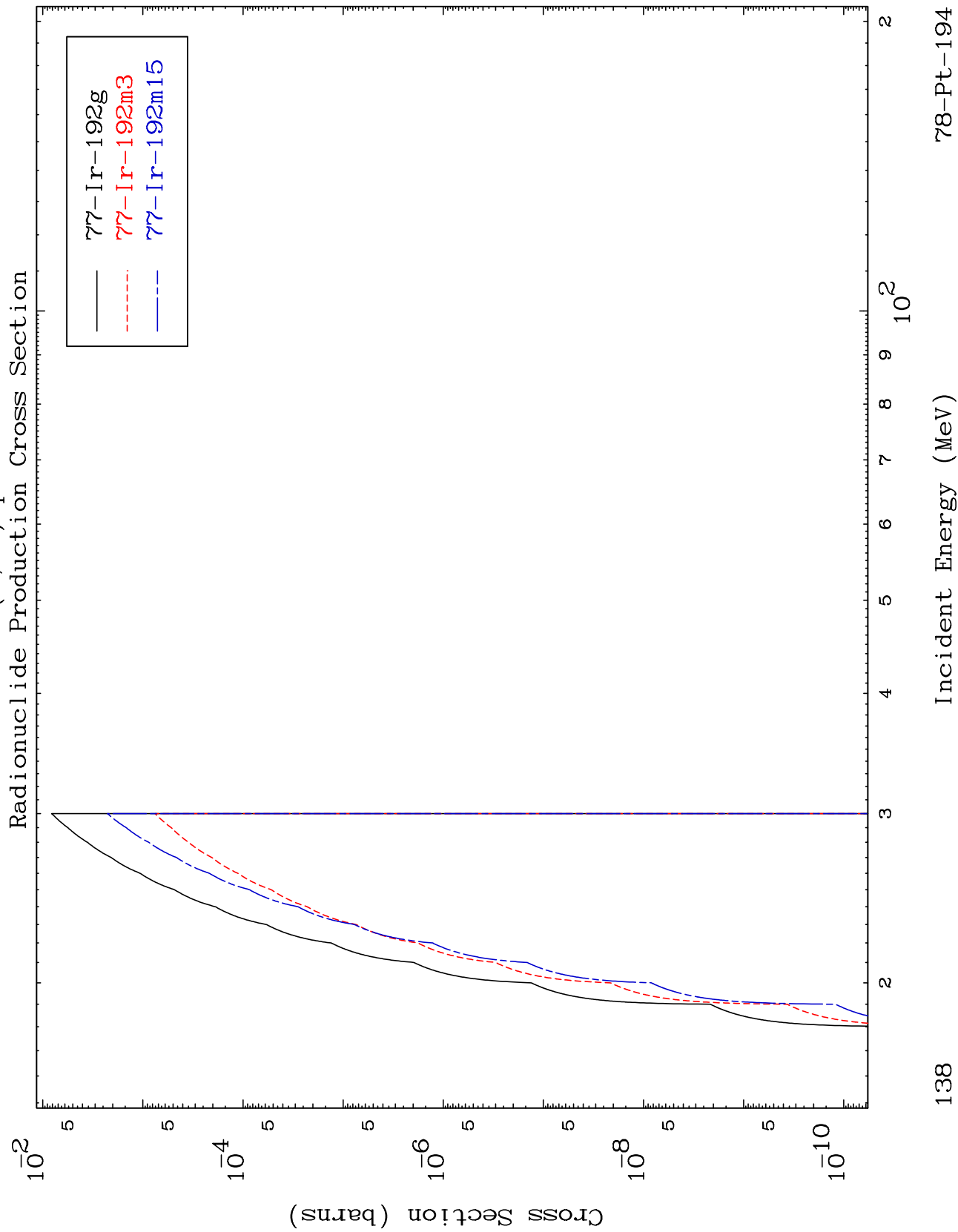
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,2n) p

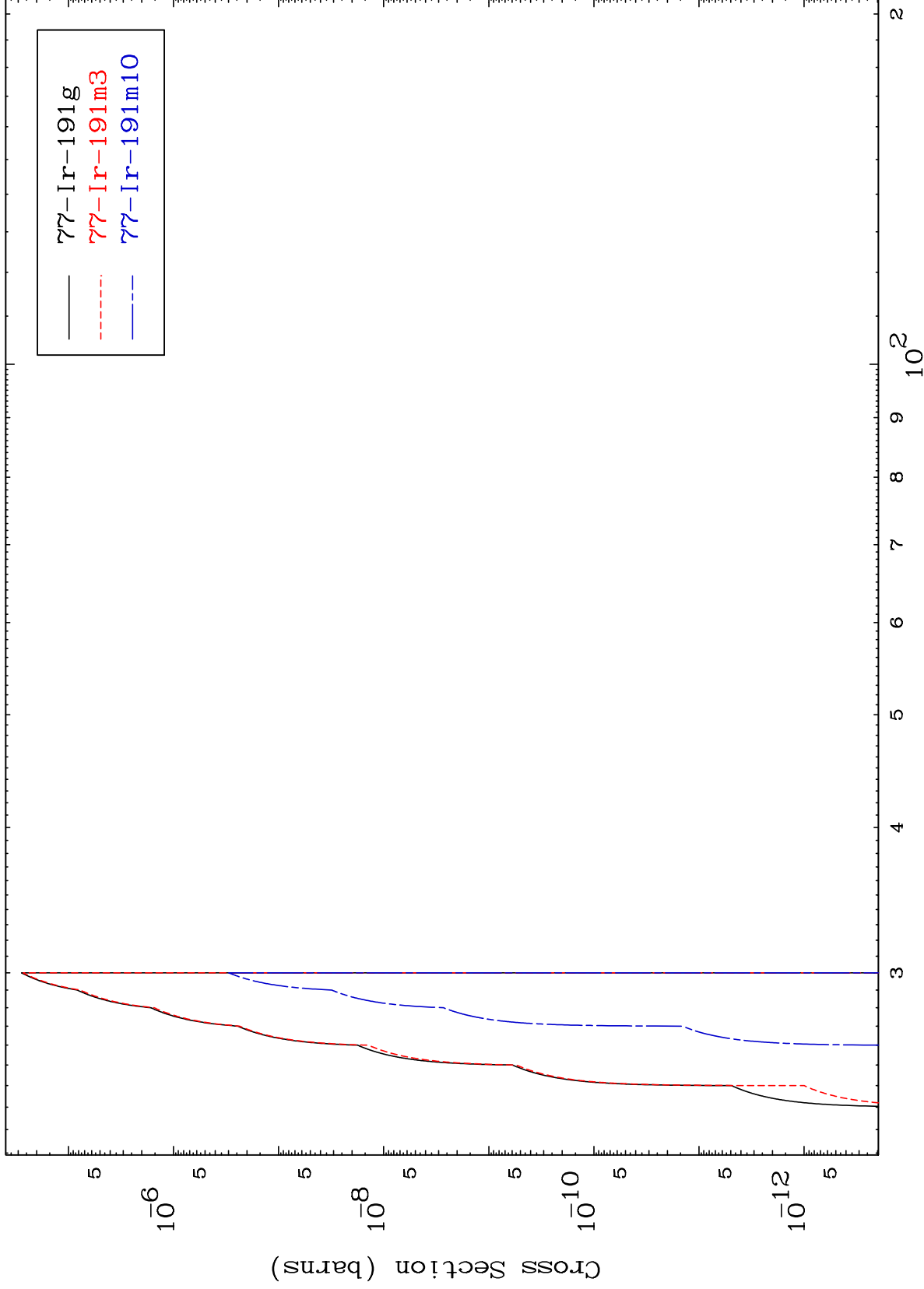
78-Pt-194



138

78-Pt-194

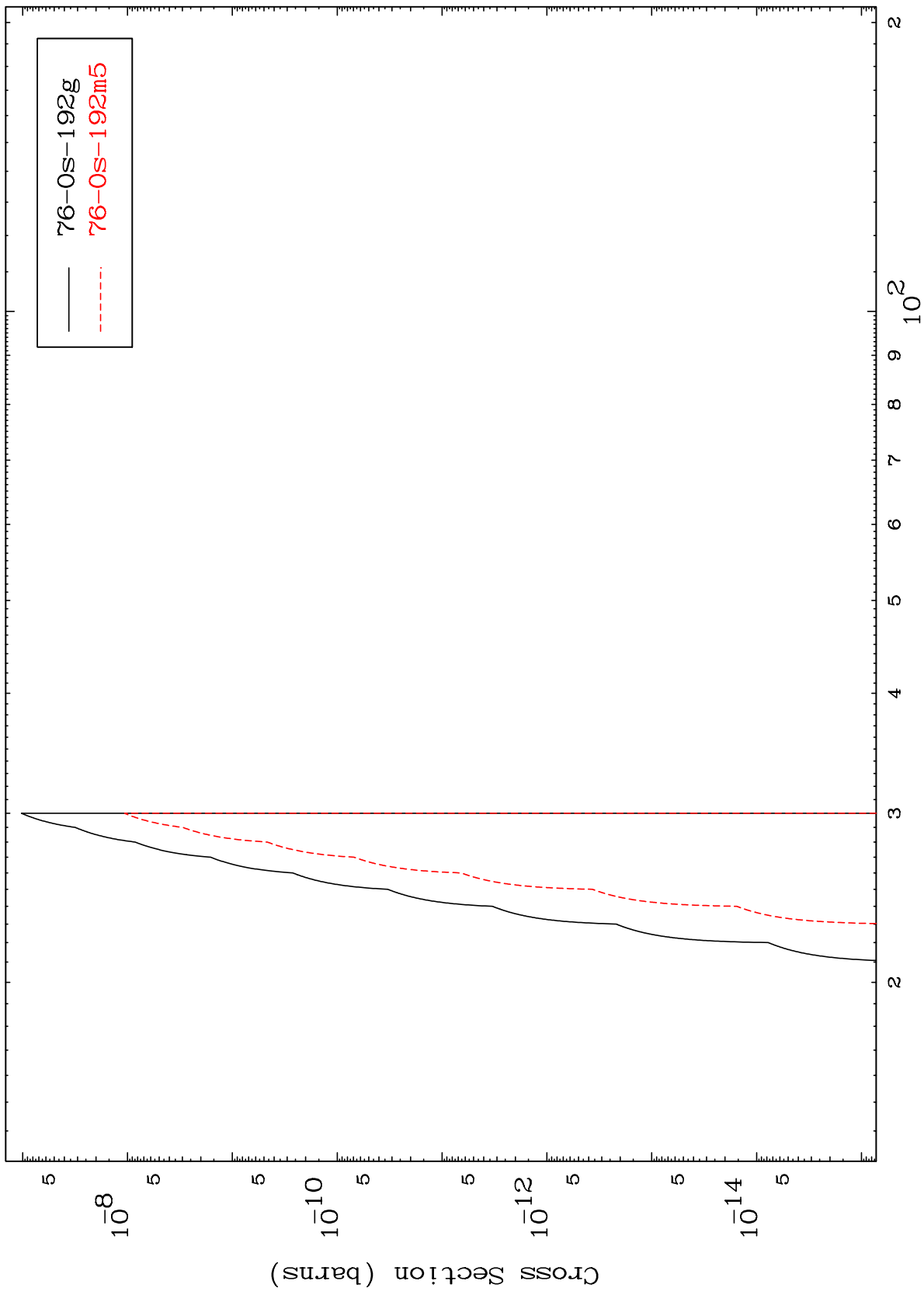
Radionuclide Production Cross Section



MAT 7837

78-Pt-194

(n,2n) p
Radionuclide Production Cross Section



140

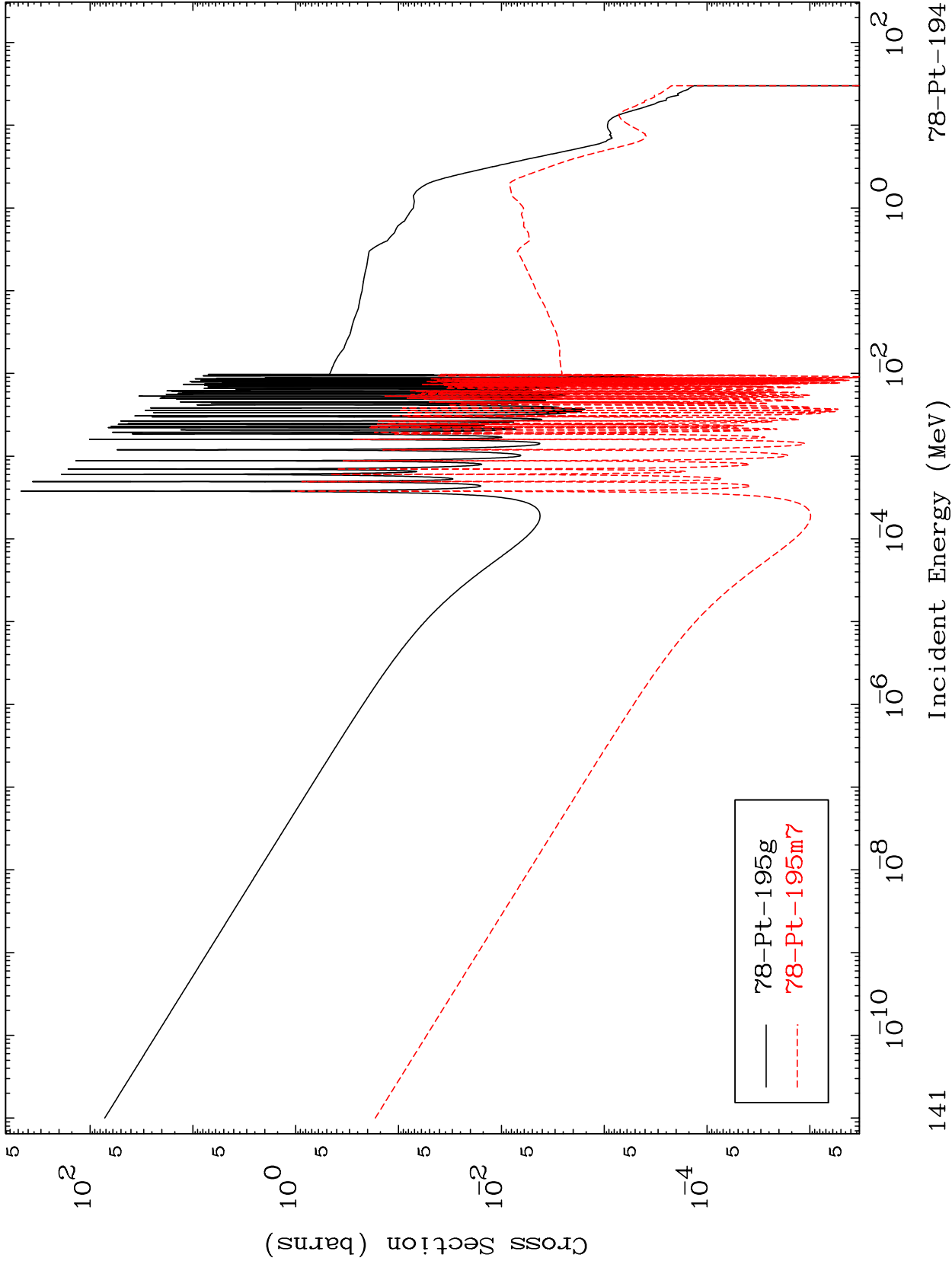
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

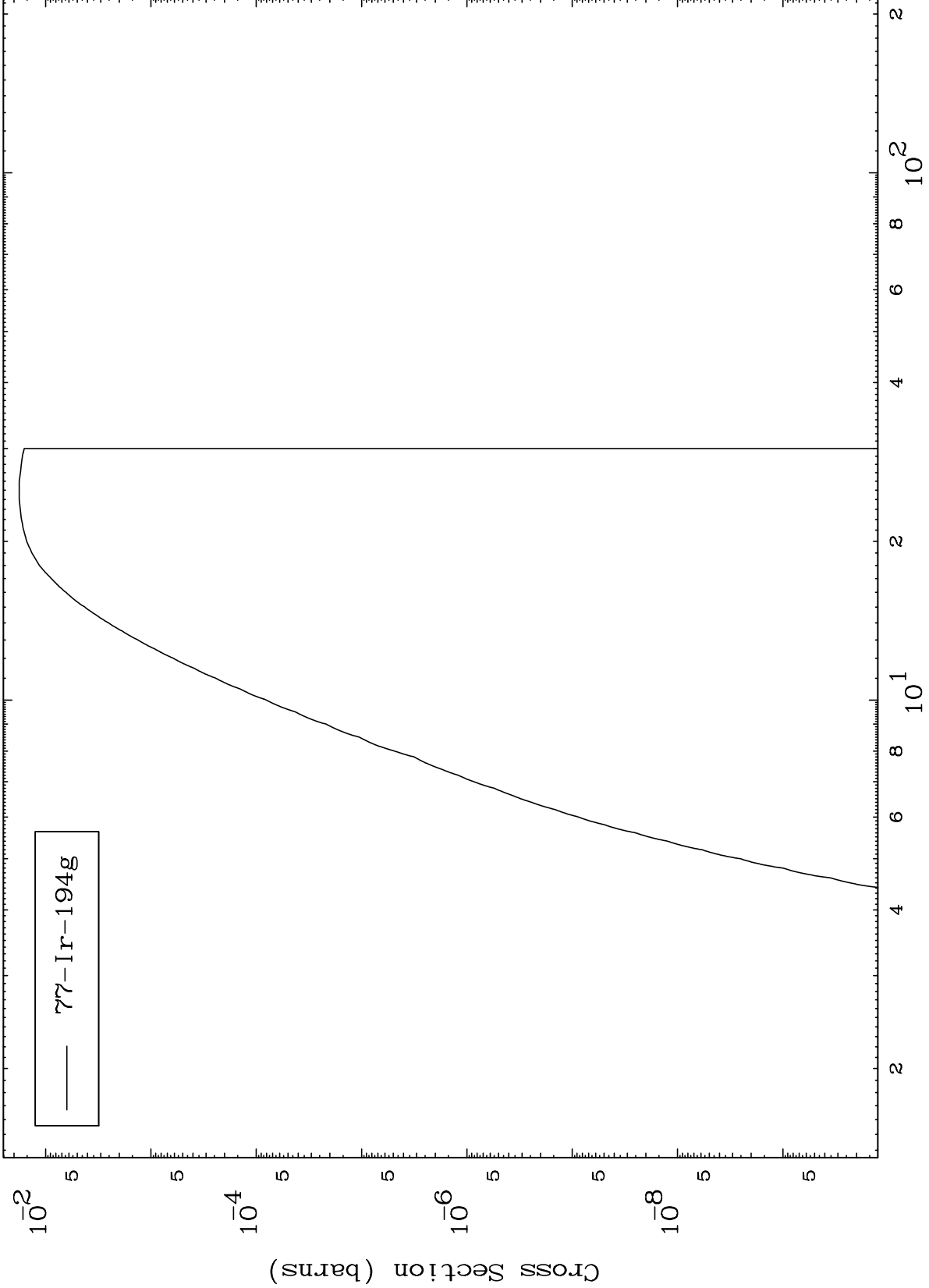
(n,γ)
Radionuclide Production Cross Section



MAT 7837

78-Pt-194

(n,p)
Radionuclide Production Cross Section



142

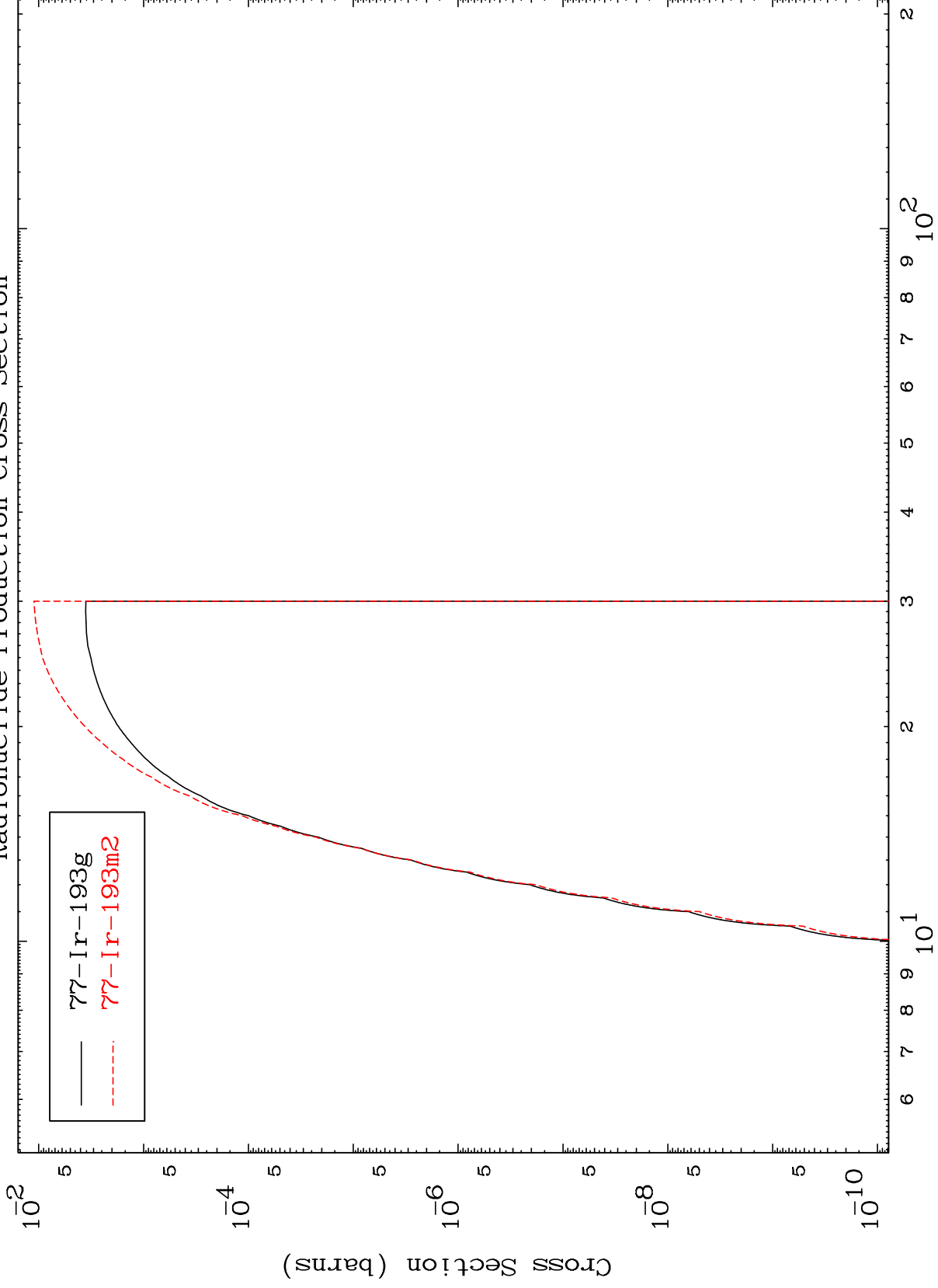
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

(n,d)
Radionuclide Production Cross Section



143

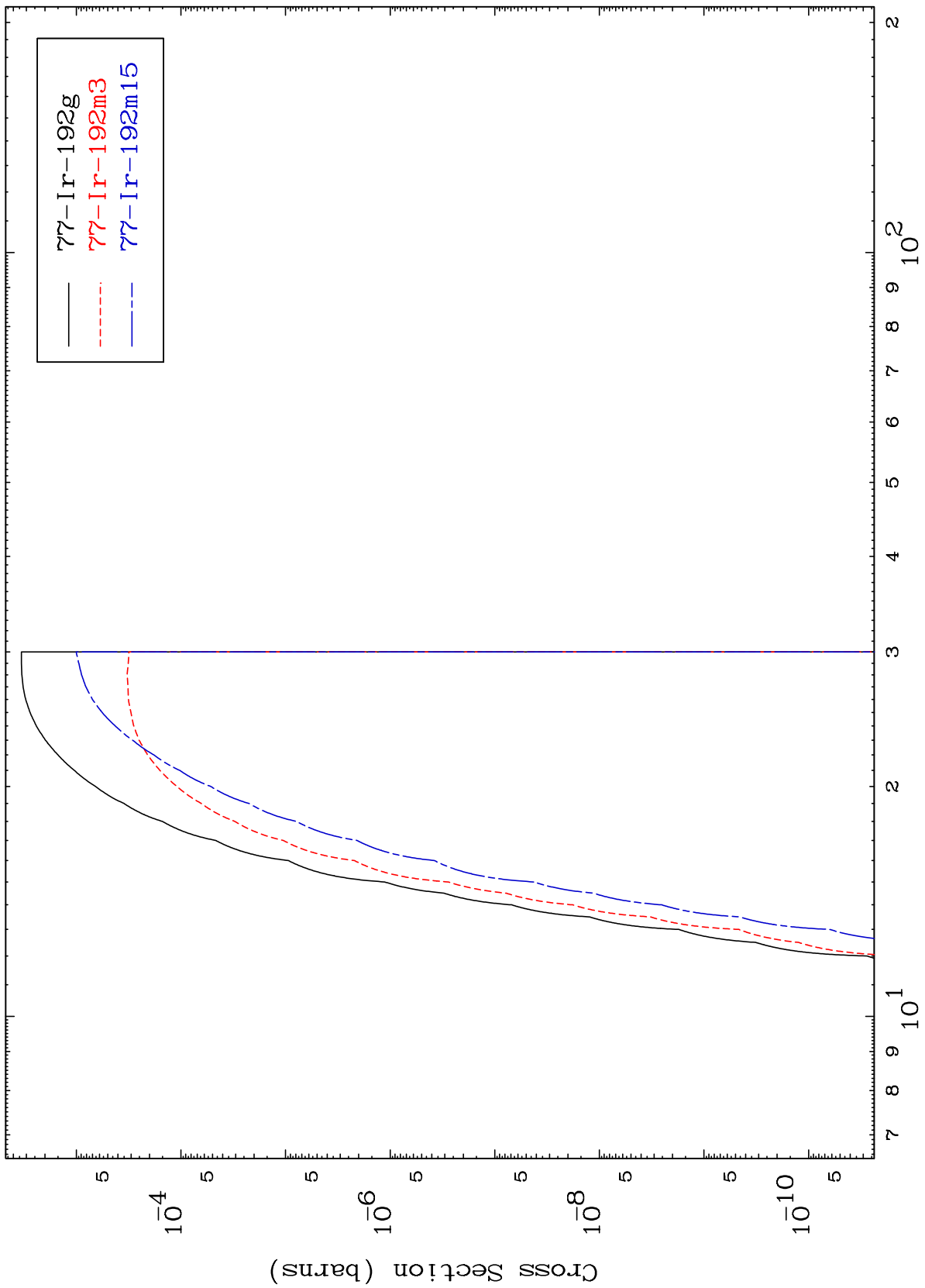
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

(n, t)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

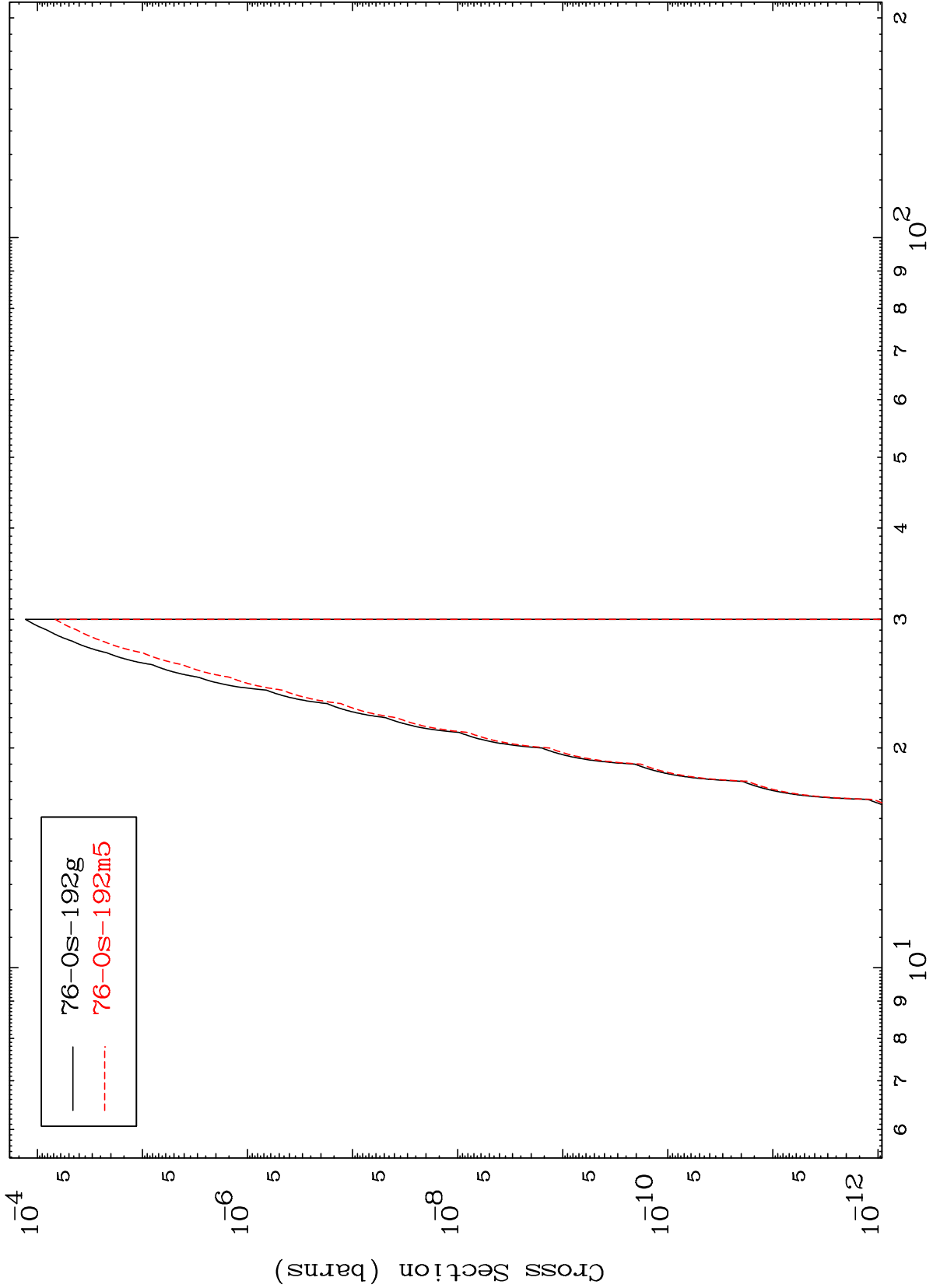
78-Pt-194

MAT 7837

(n,He-3)

78-Pt-194

Radionuclide Production Cross Section



76-Os-192g
76-Os-192m5

145

Incident Energy (MeV)

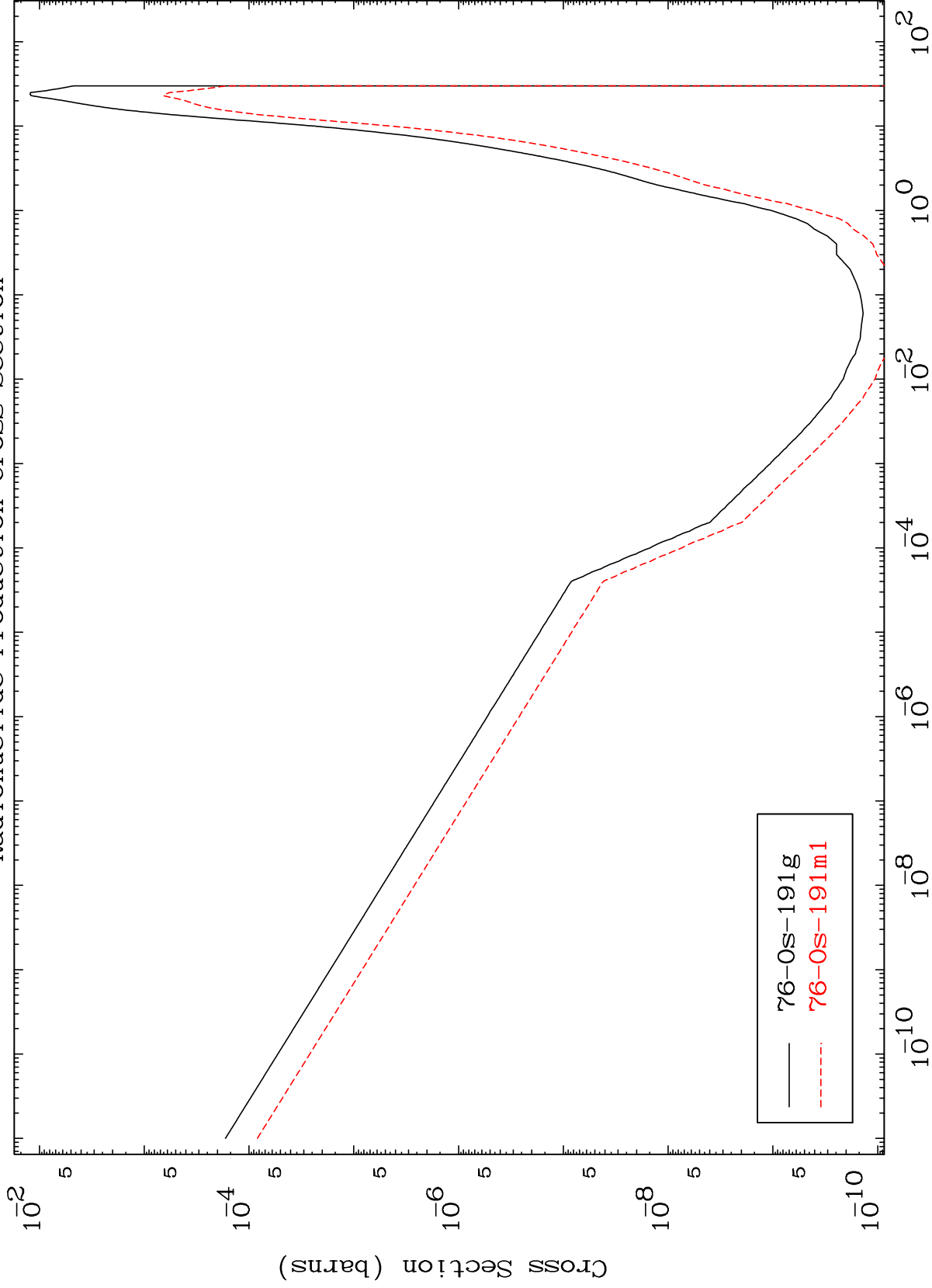
78-Pt-194

MAT 7837

(n, α)

78-Pt-194

Radionuclide Production Cross Section



146

Incident Energy (MeV)

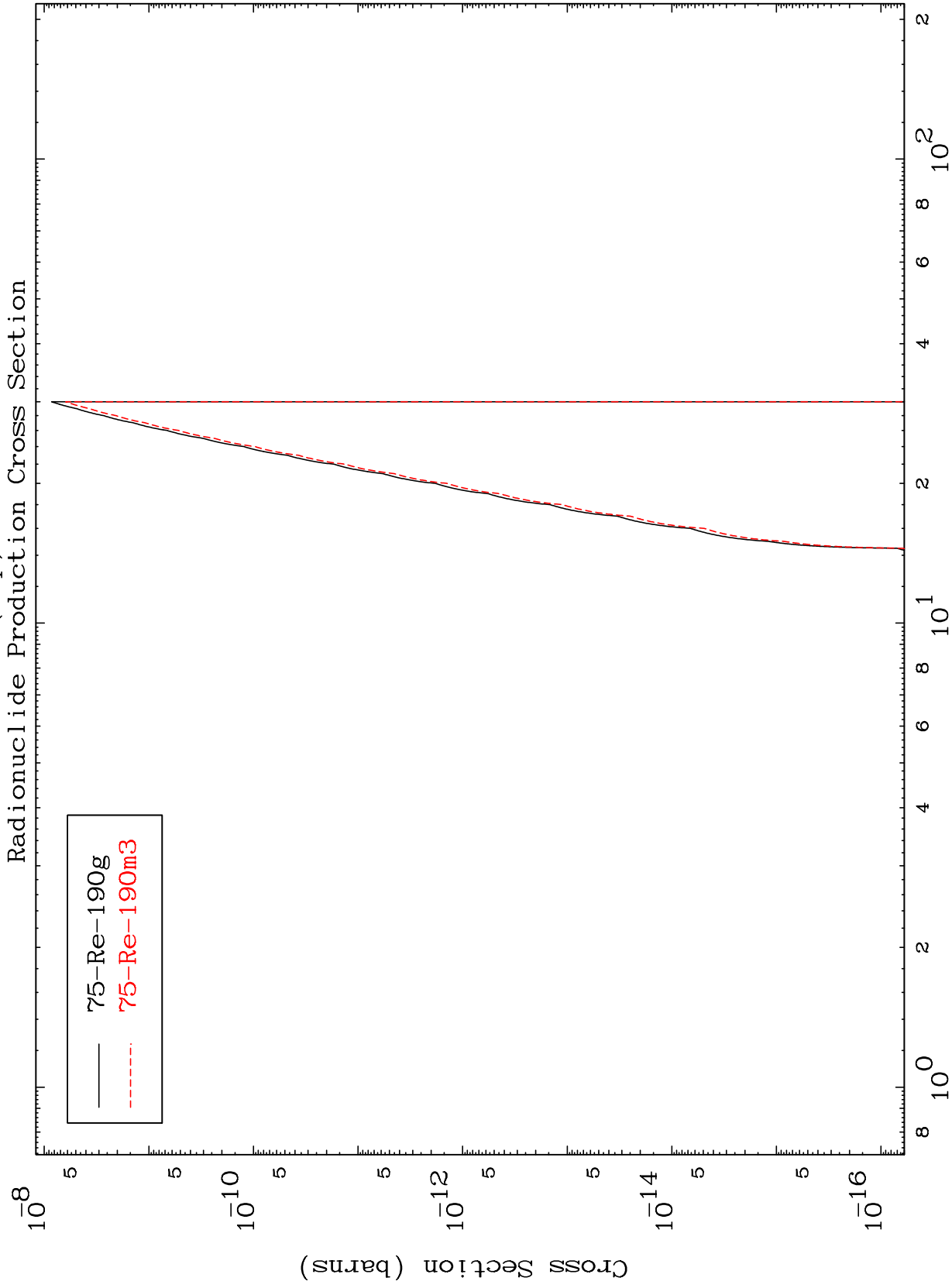
78-Pt-194

MAT 7837

(n,p) α

78-Pt-194

Radionuclide Production Cross Section

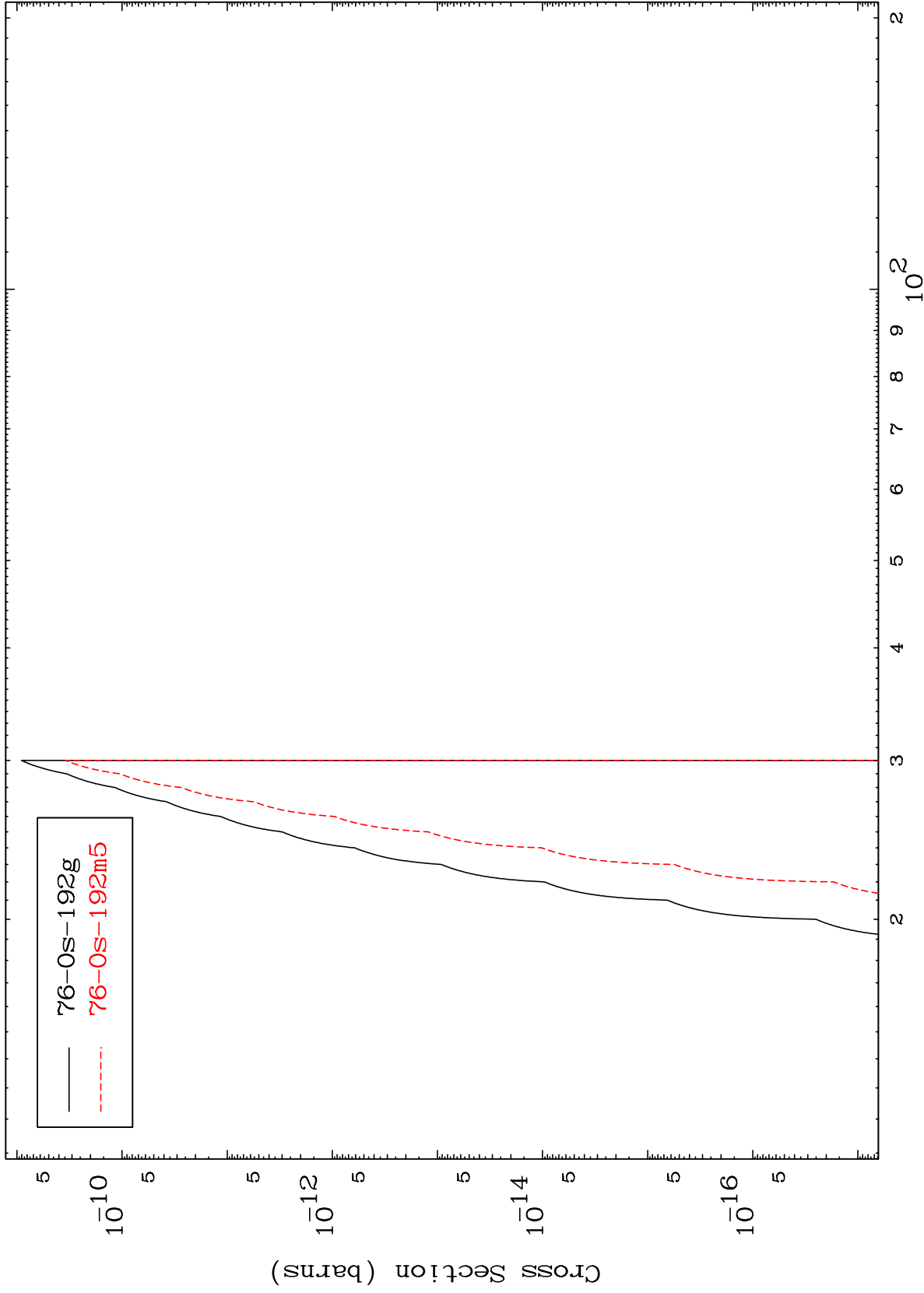


147

Incident Energy (MeV)

78-Pt-194

Radionuclide Production Cross Section

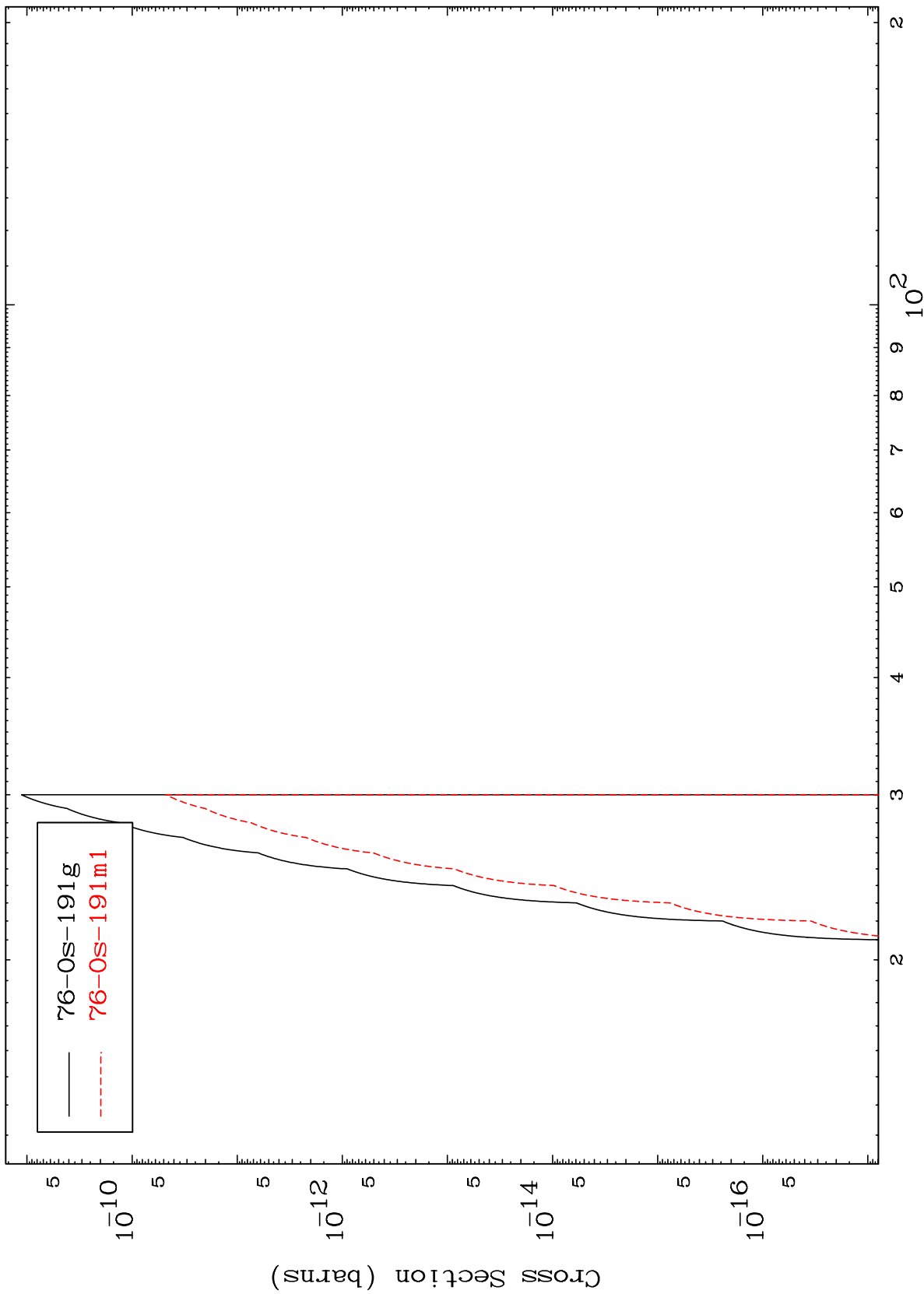


MAT 7837

(n,p) t

78-Pt-194

Radionuclide Production Cross Section



149

Incident Energy (MeV)

78-Pt-194