

Program EVALPLOT
(Version 2015-2)

by

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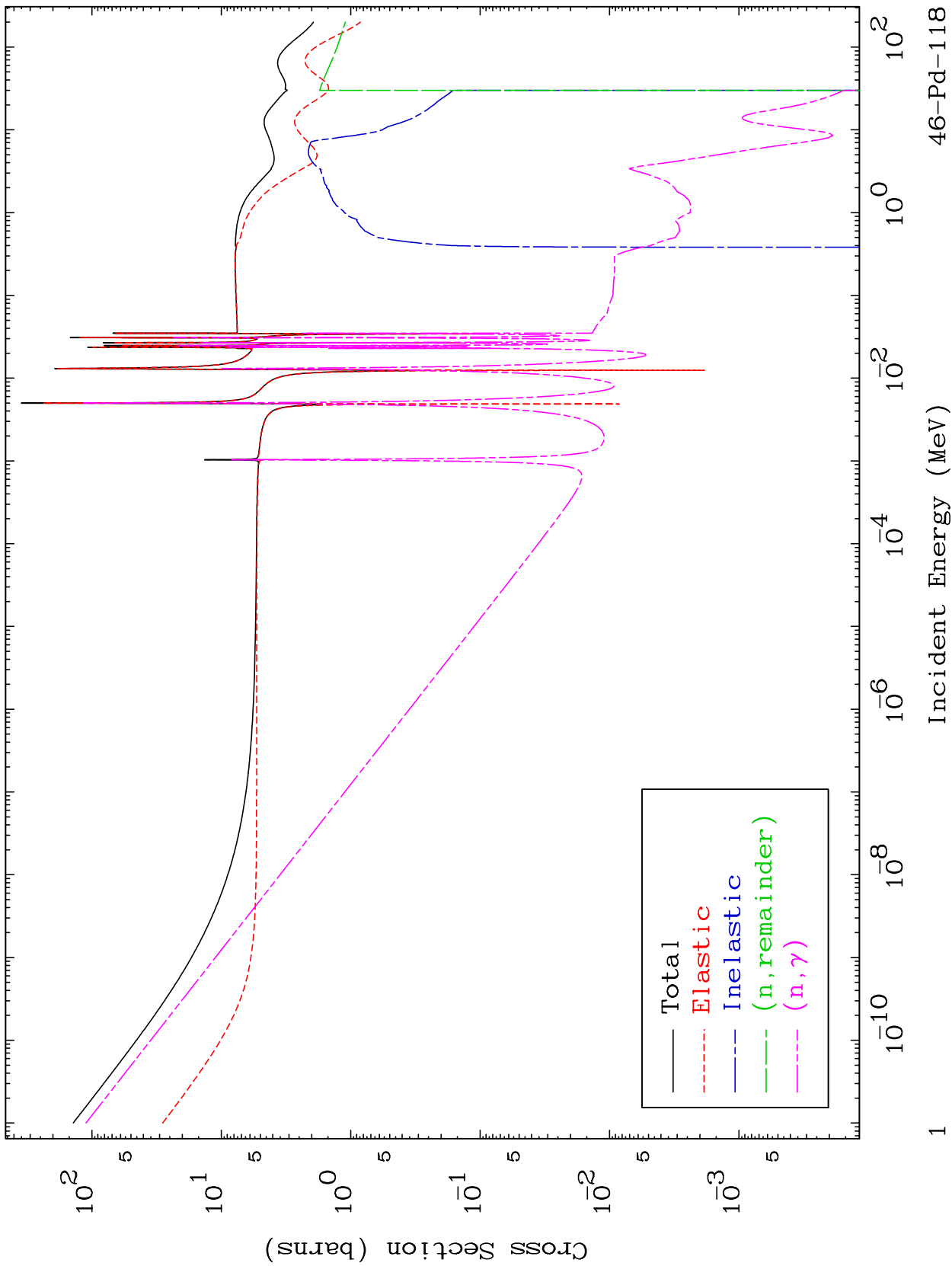
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4673

Major
293 Kelvin Cross Sections

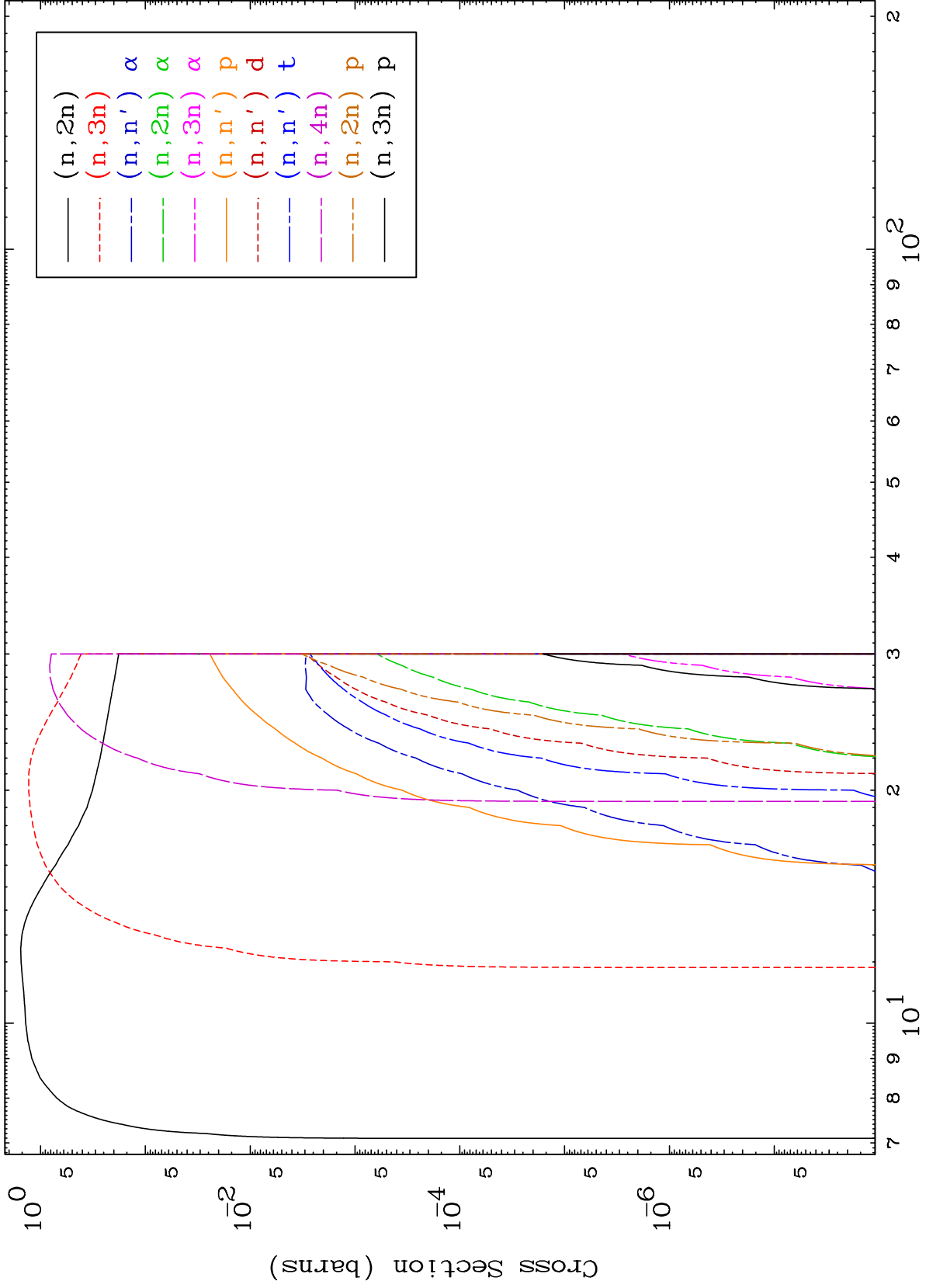
46-Pd-118



MAT 4673

Neutron Production
293 Kelvin Cross Sections

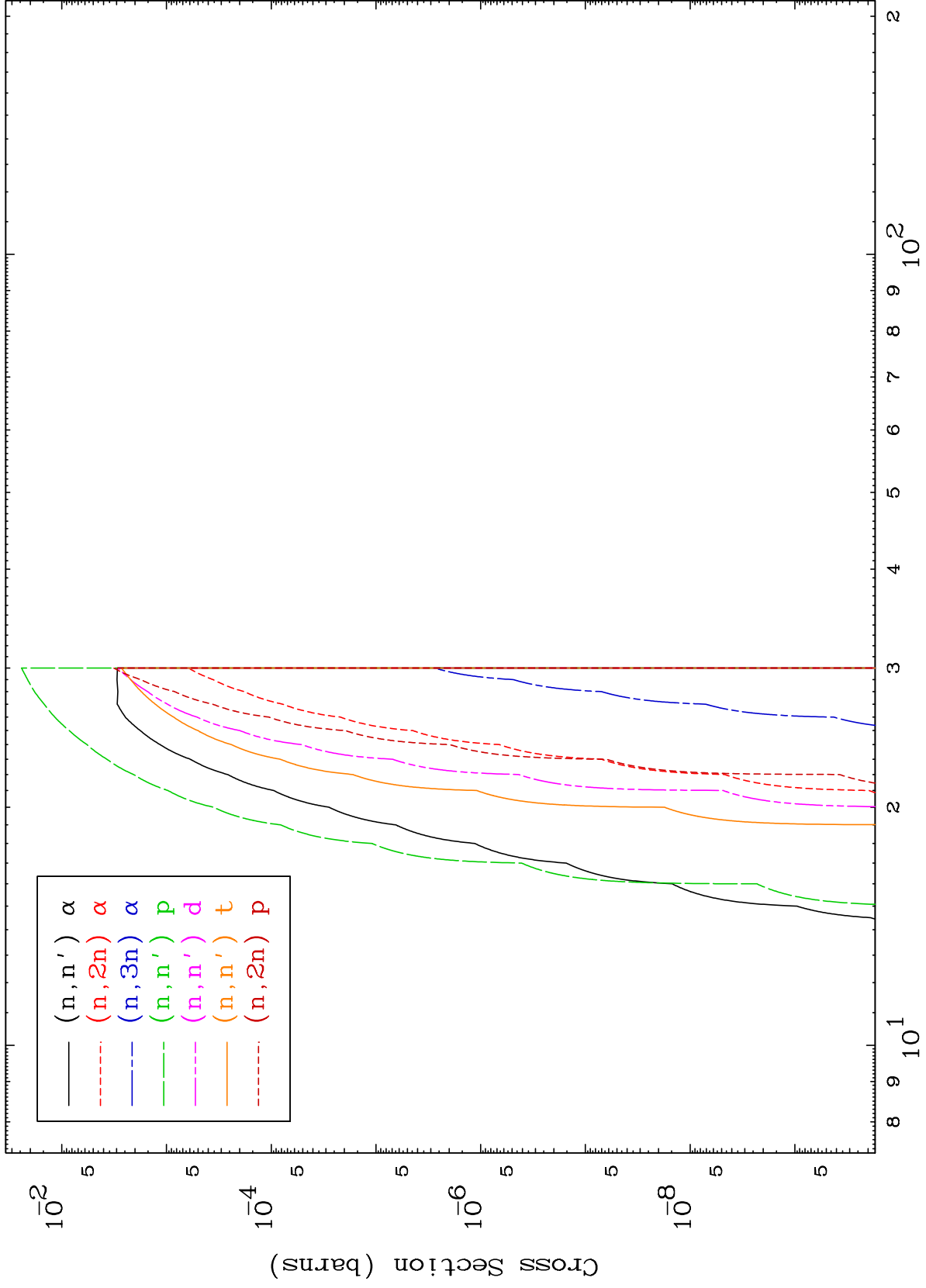
46-Pd-118

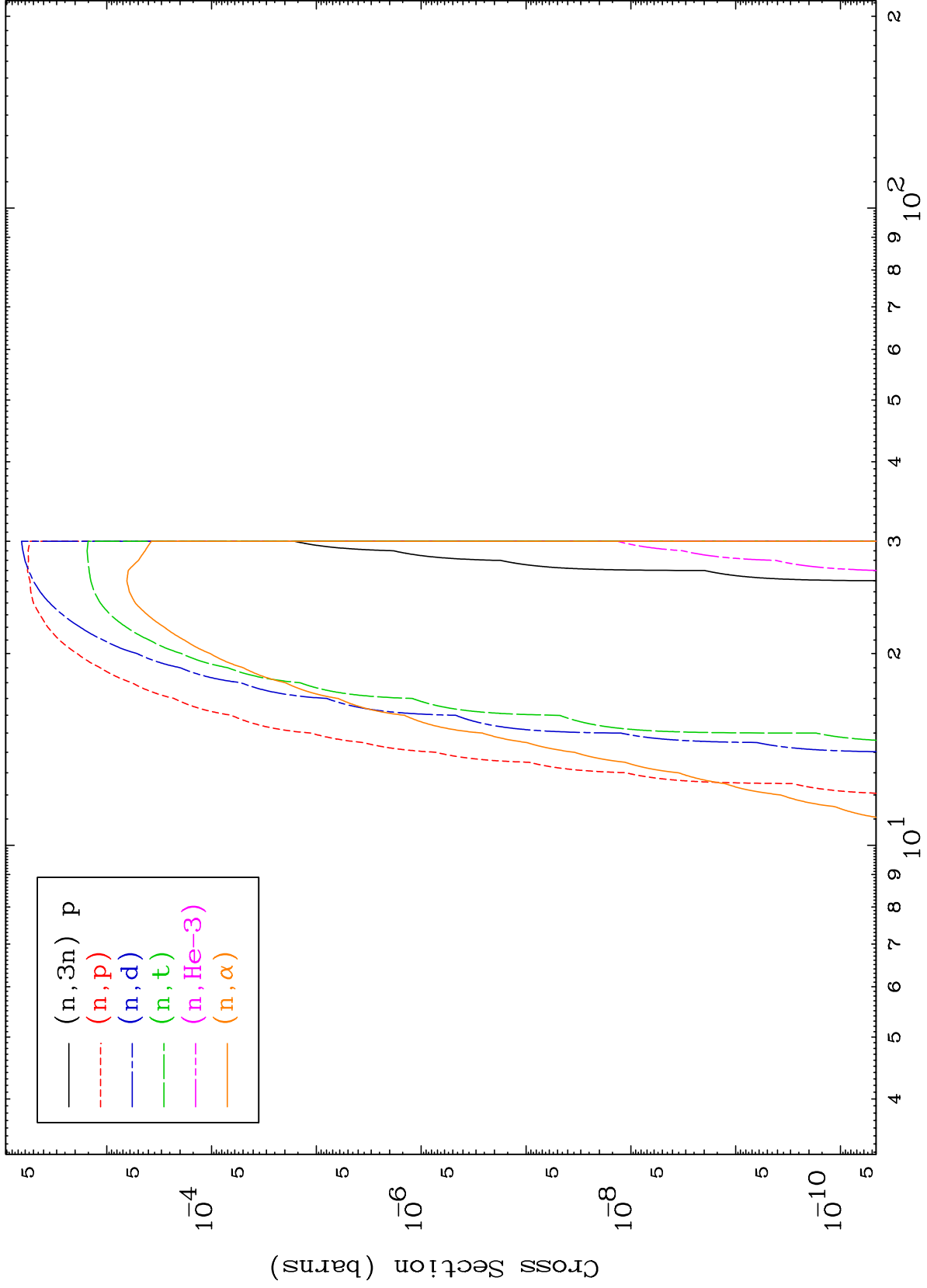


2

Incident Energy (MeV)

46-Pd-118

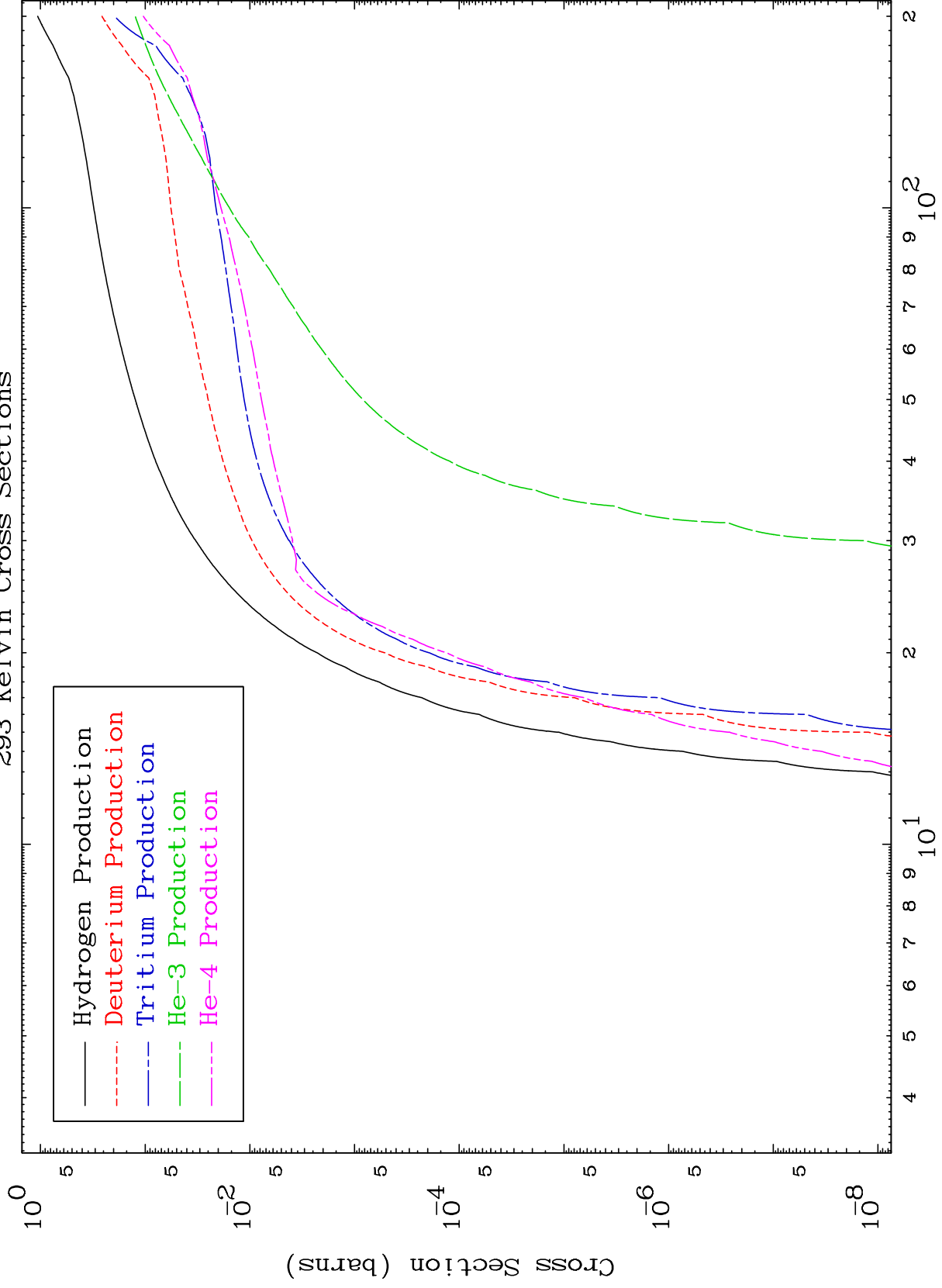




MAT 4673

Particle Production
293 Kelvin Cross Sections

46-Pd-118



5

Incident Energy (MeV)

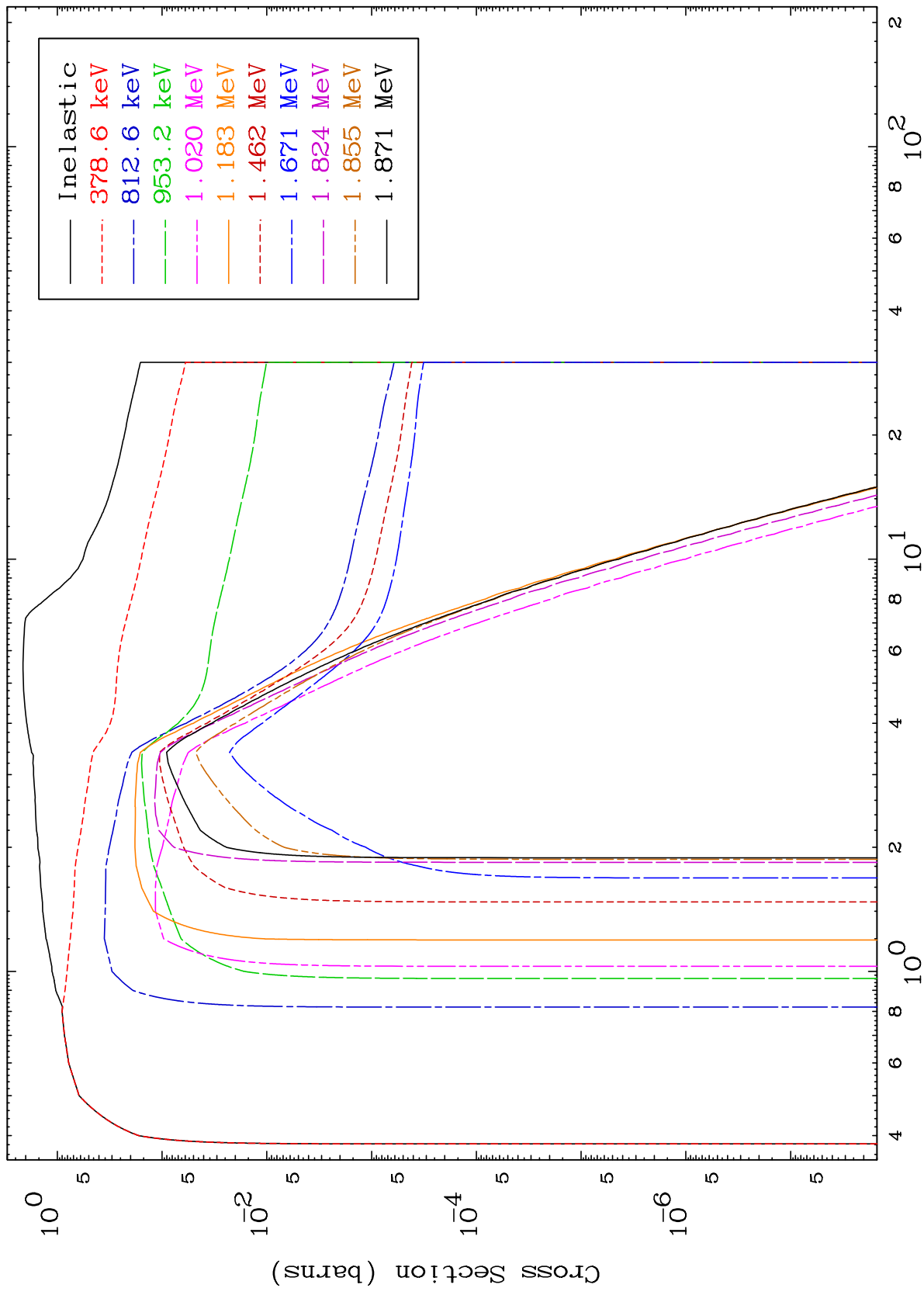
46-Pd-118

MAT 4673

(n,n') Level

46-Pd-118

293 Kelvin Cross Sections



6

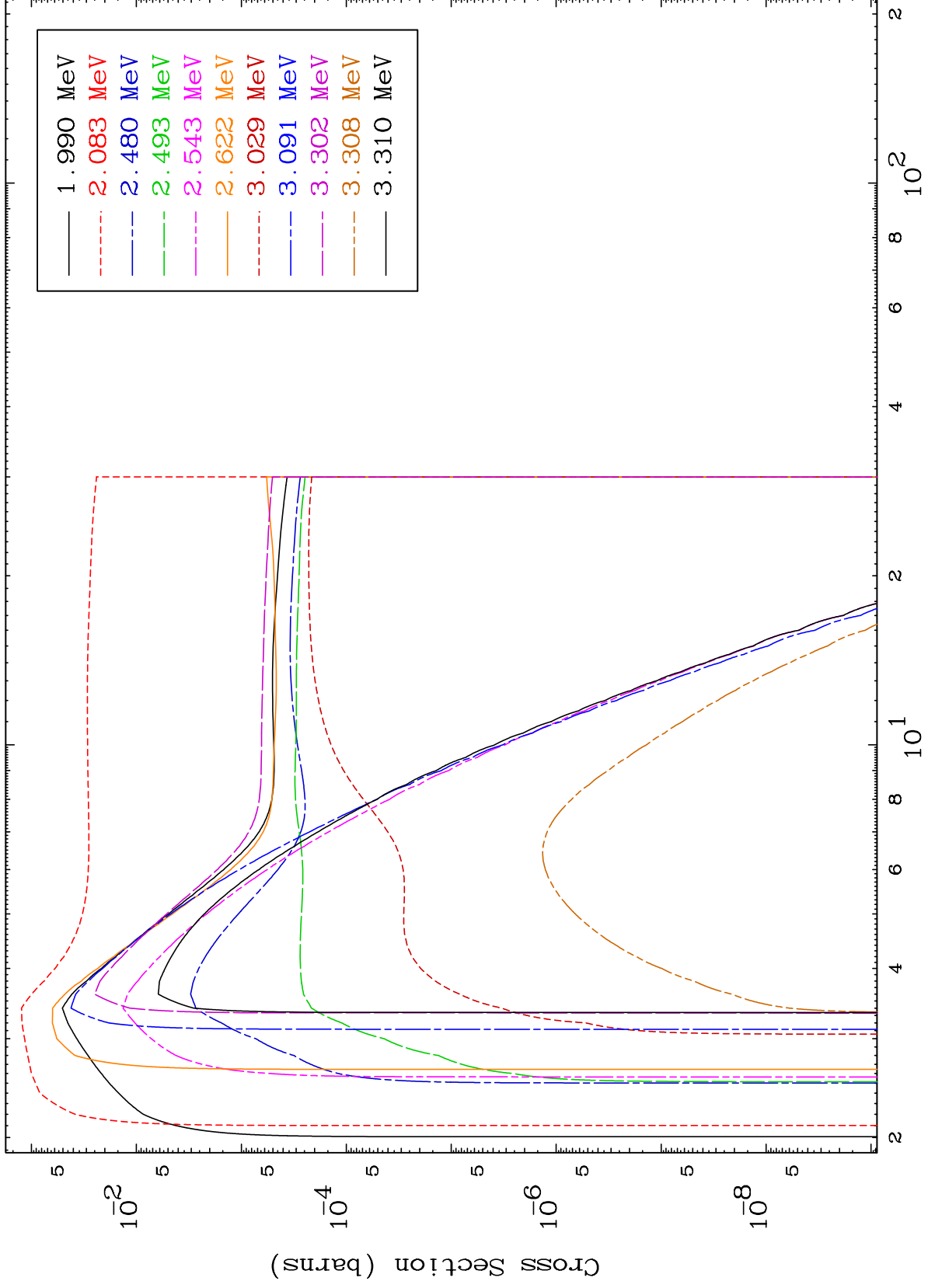
Incident Energy (MeV)

46-Pd-118

MAT 4673

(n,n') Level
293 Kelvin Cross Sections

46-Pd-118



7

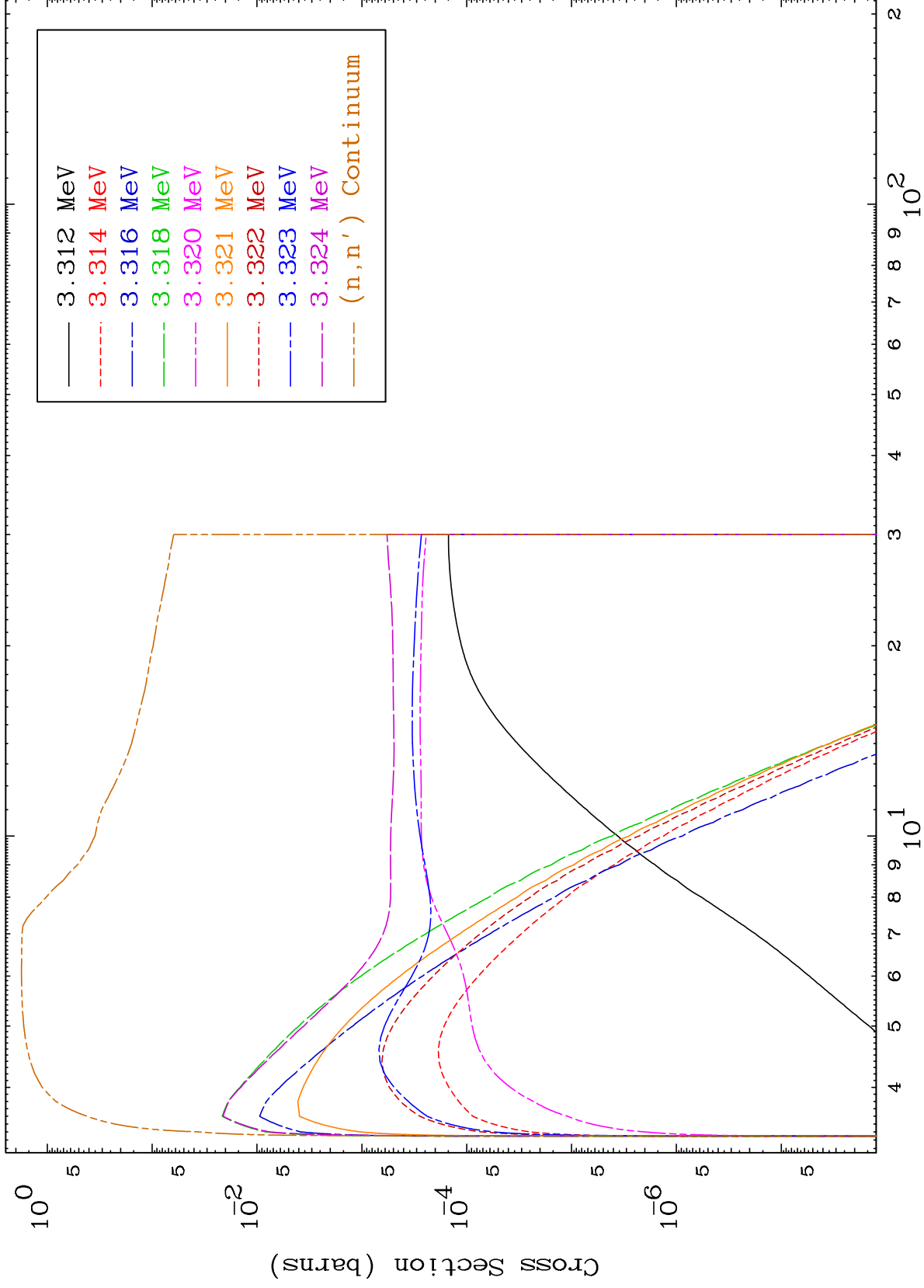
Incident Energy (MeV)

46-Pd-118

MAT 4673

(n,n') Level
293 Kelvin Cross Sections

46-Pd-118



8

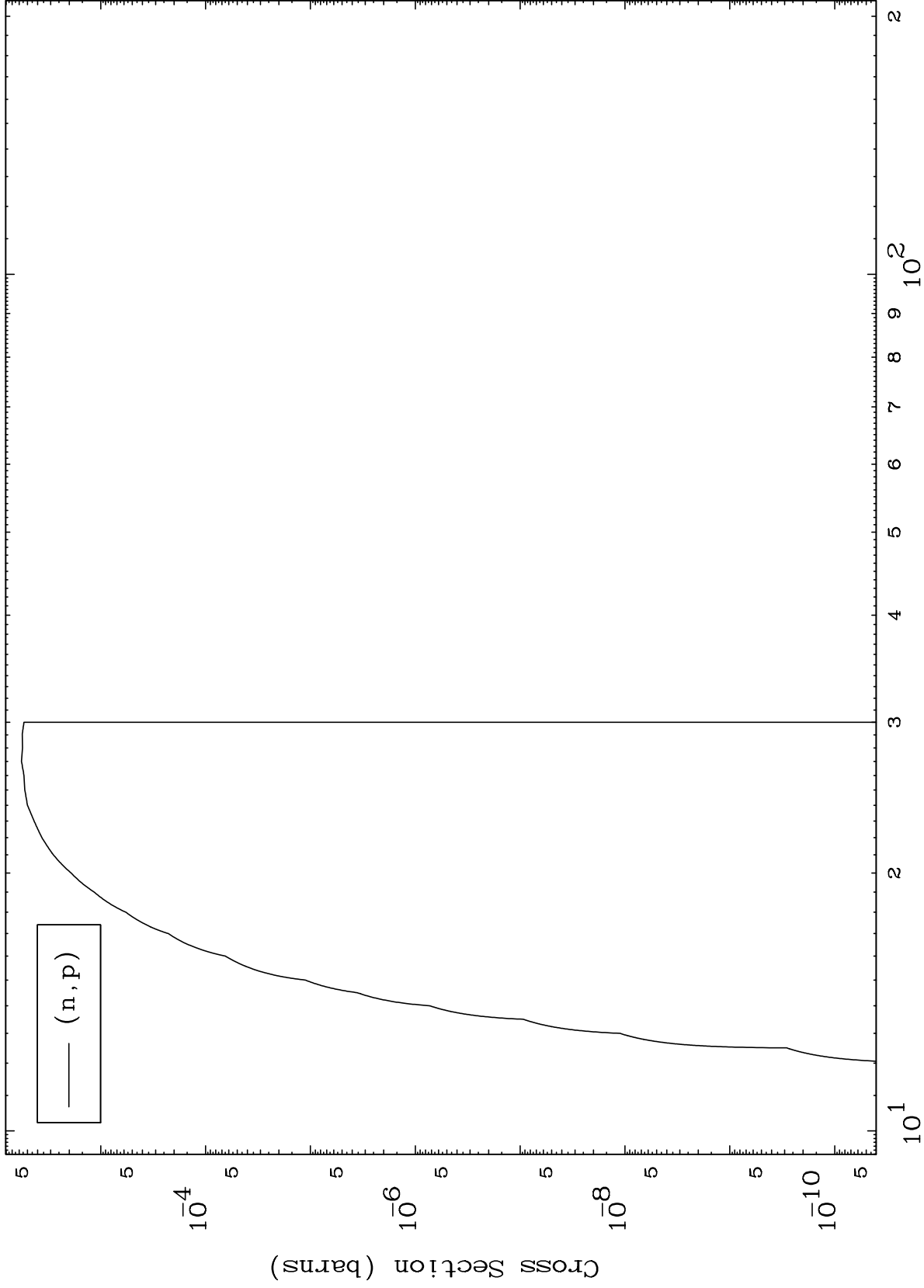
Incident Energy (MeV)

46-Pd-118

MAT 4673

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-118



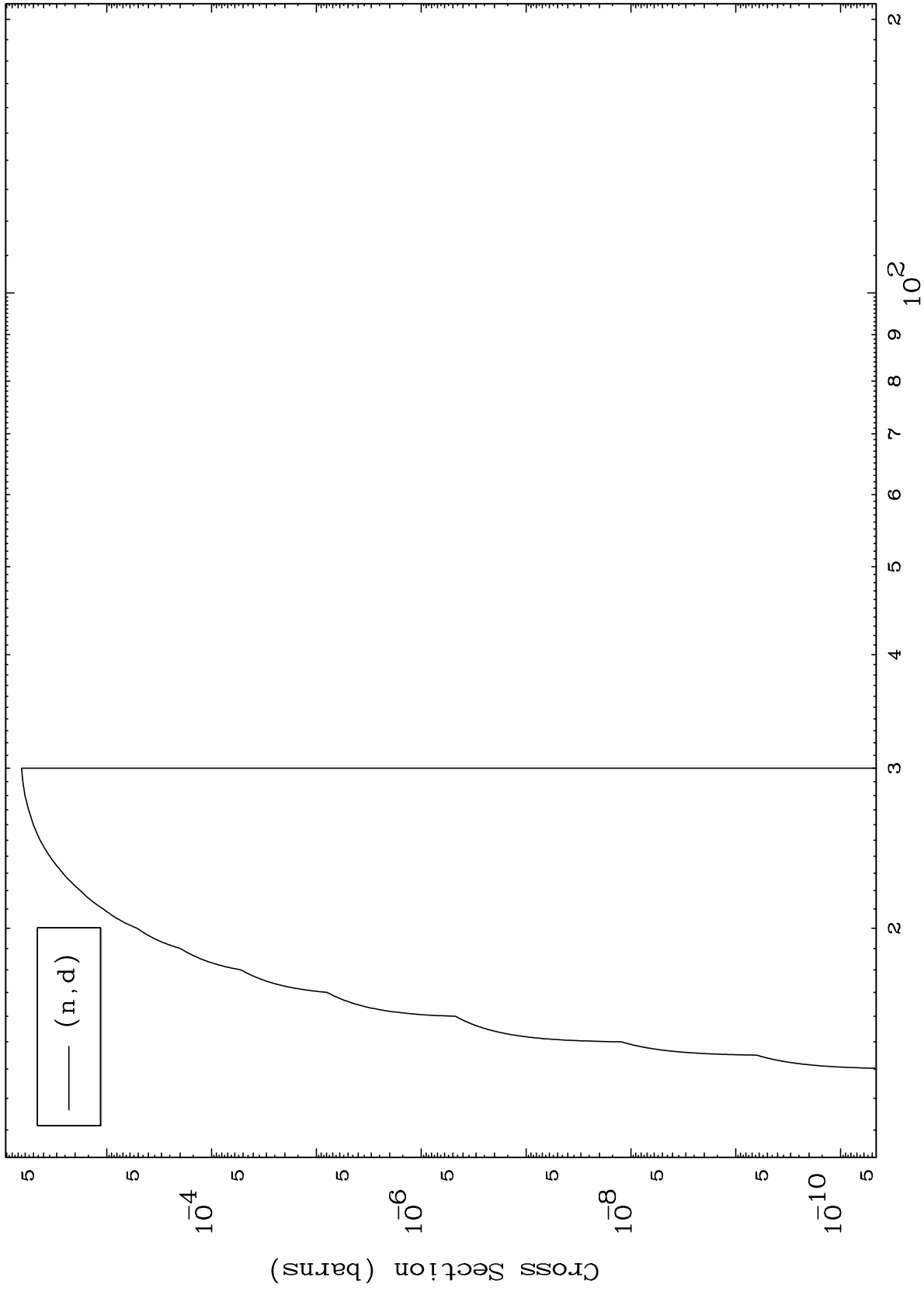
Incident Energy (MeV)

46-Pd-118

MAT 4673

(n,d) Levels
293 Kelvin Cross Sections

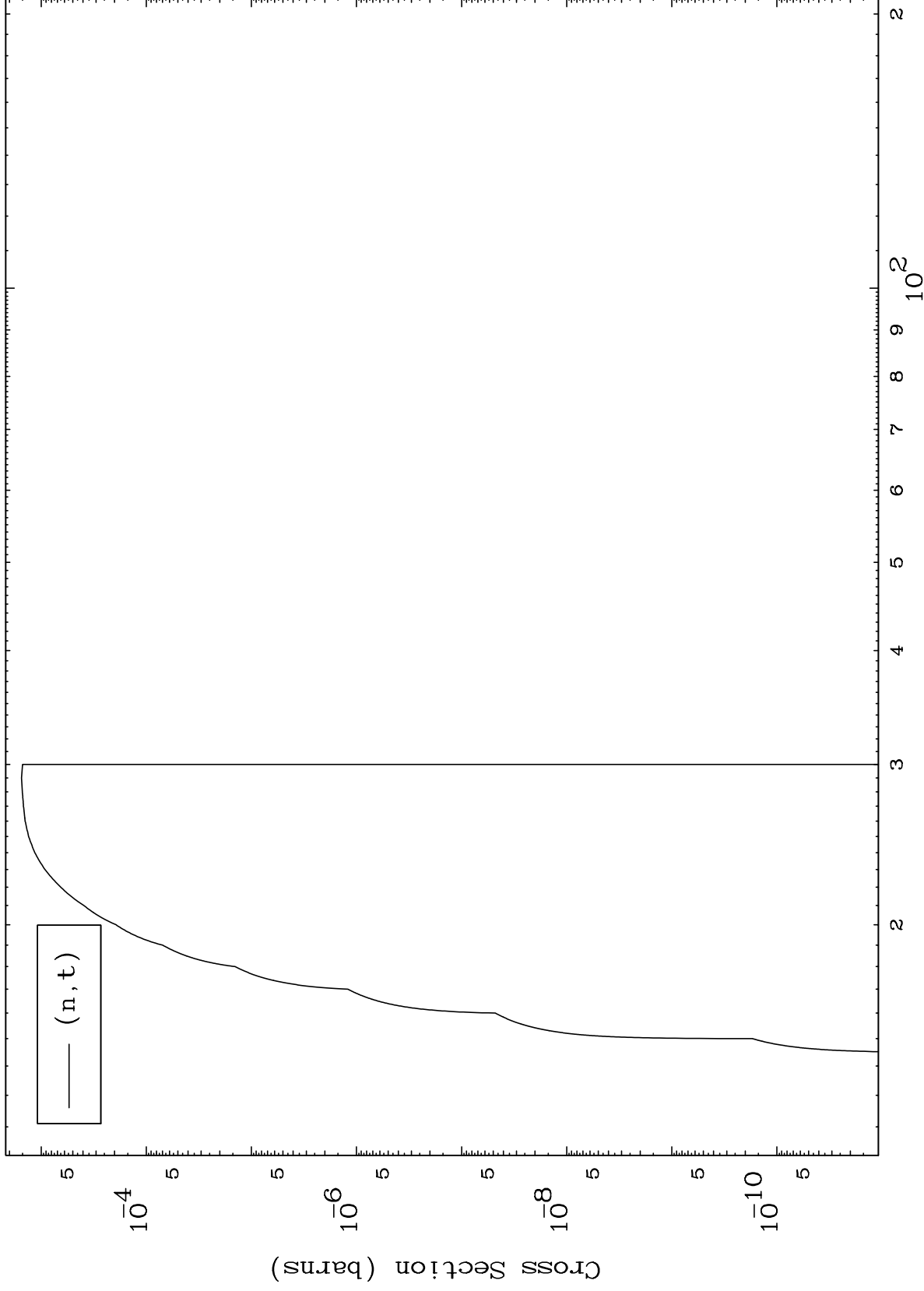
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10

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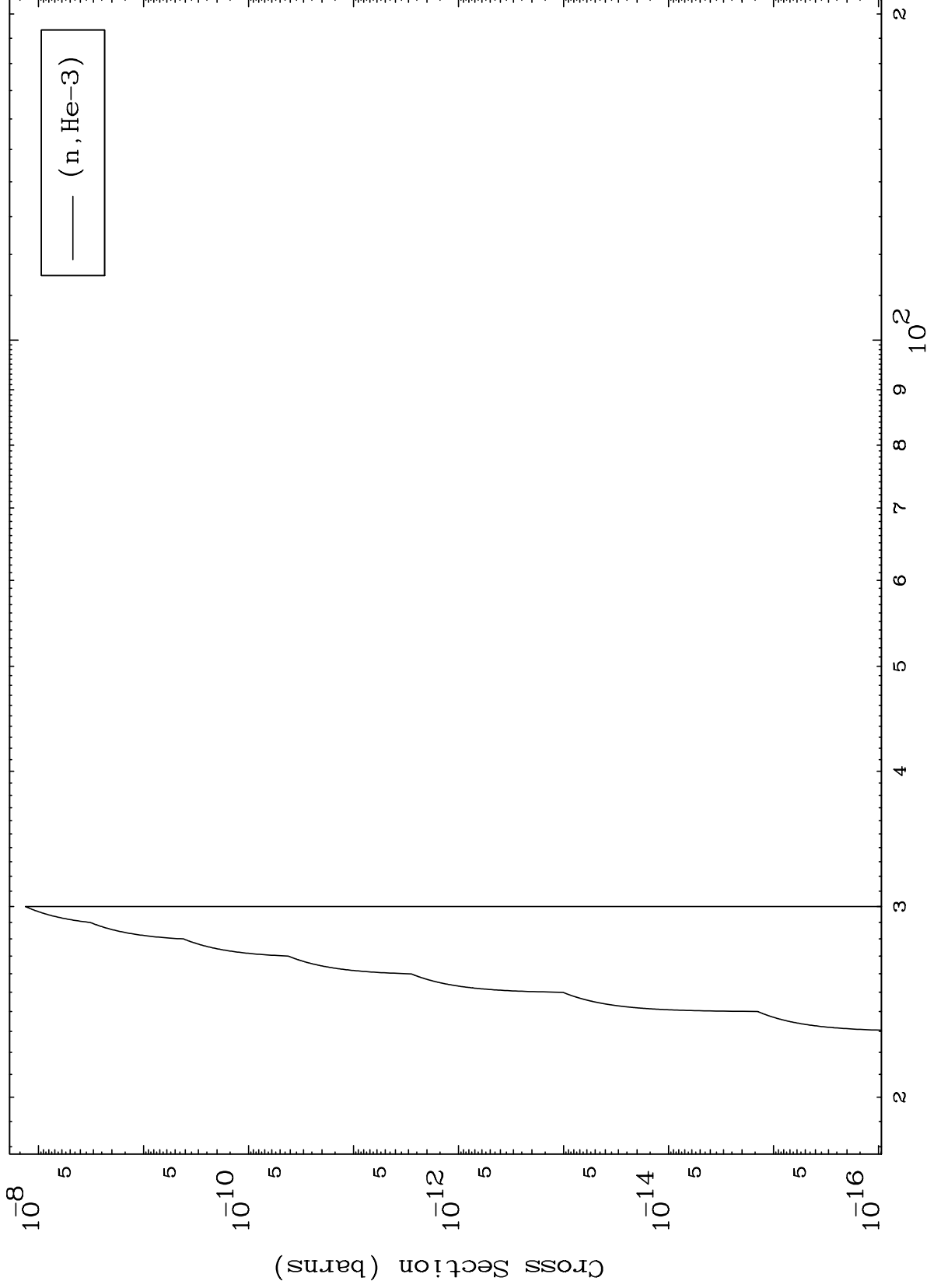
46-Pd-118



MAT 4673

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-118



12

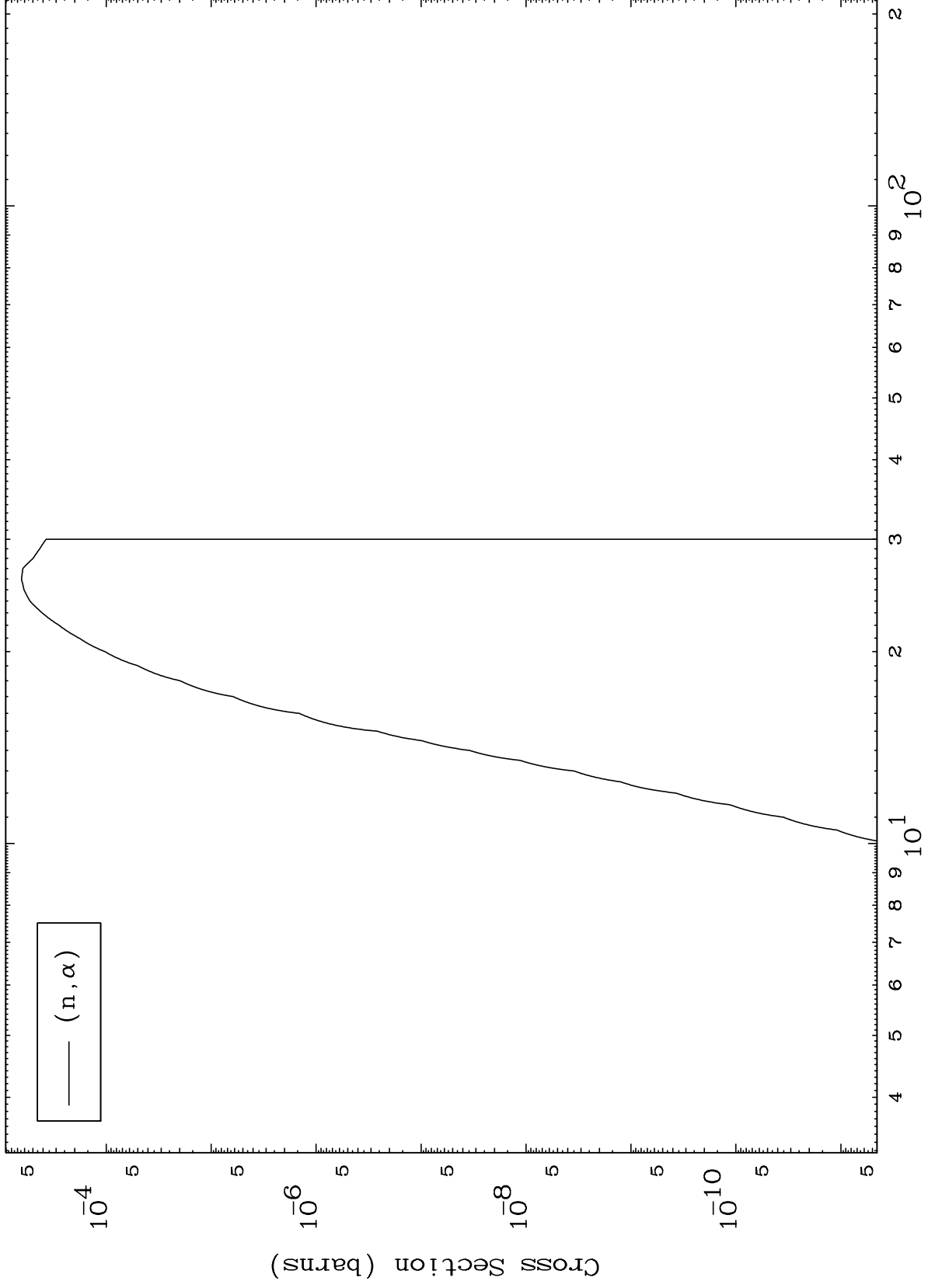
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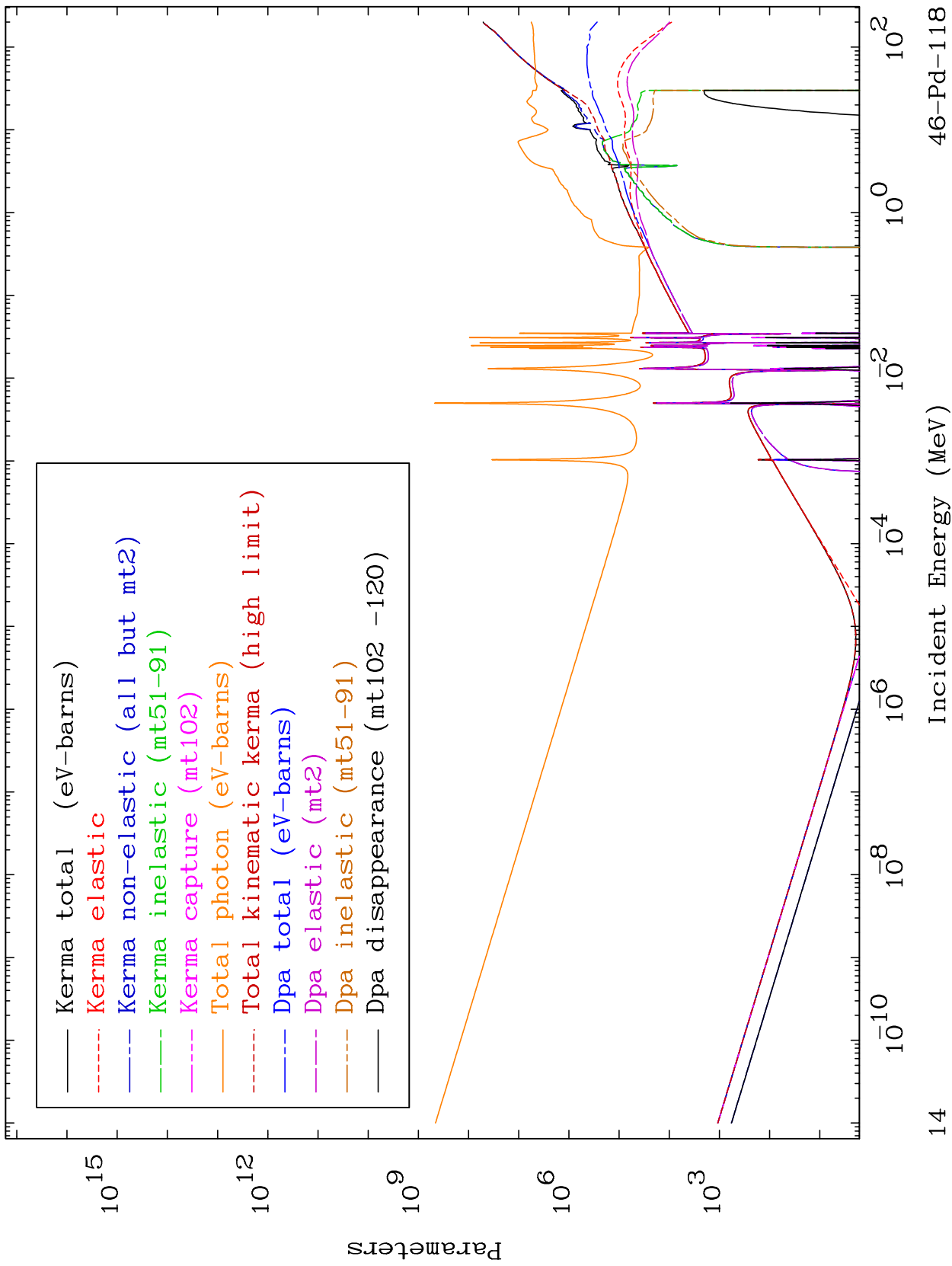
46-Pd-118

MAT 4673

(n, α) Levels
293 Kelvin Cross Sections

46-Pd-118

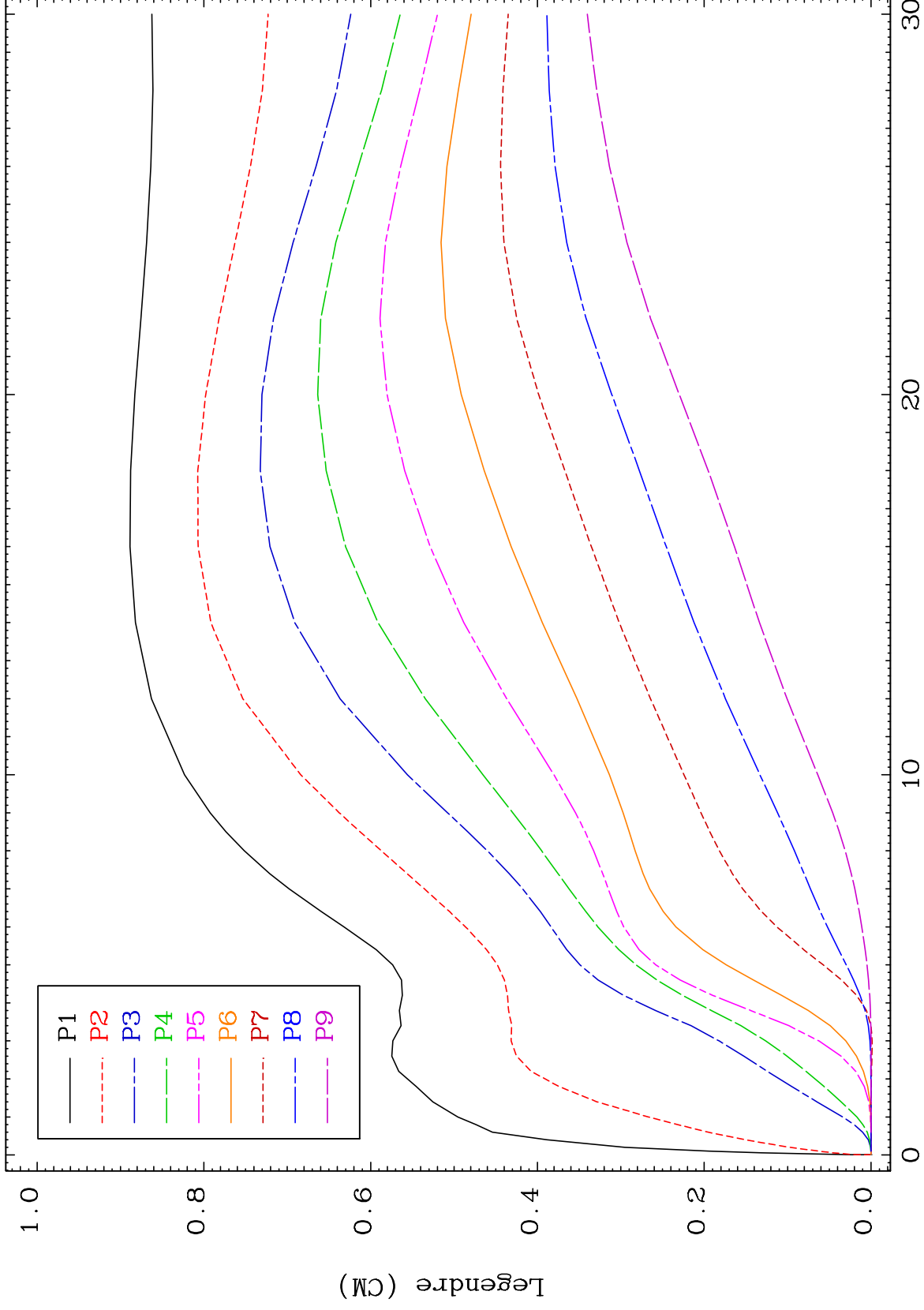




MAT 4673

Elastic Legendre Coefficients

46-Pd-118



15

Incident Energy (MeV)

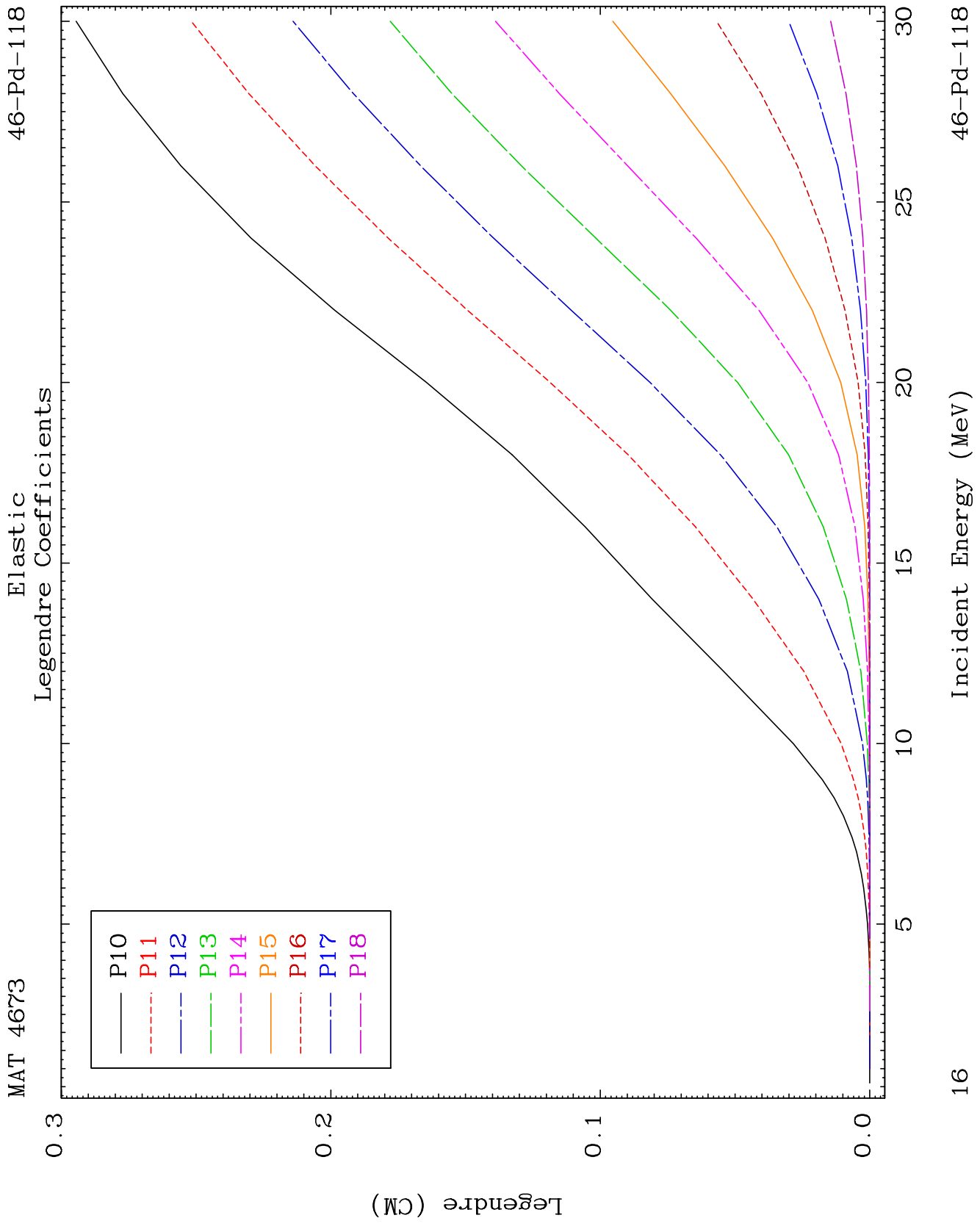
46-Pd-118

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10

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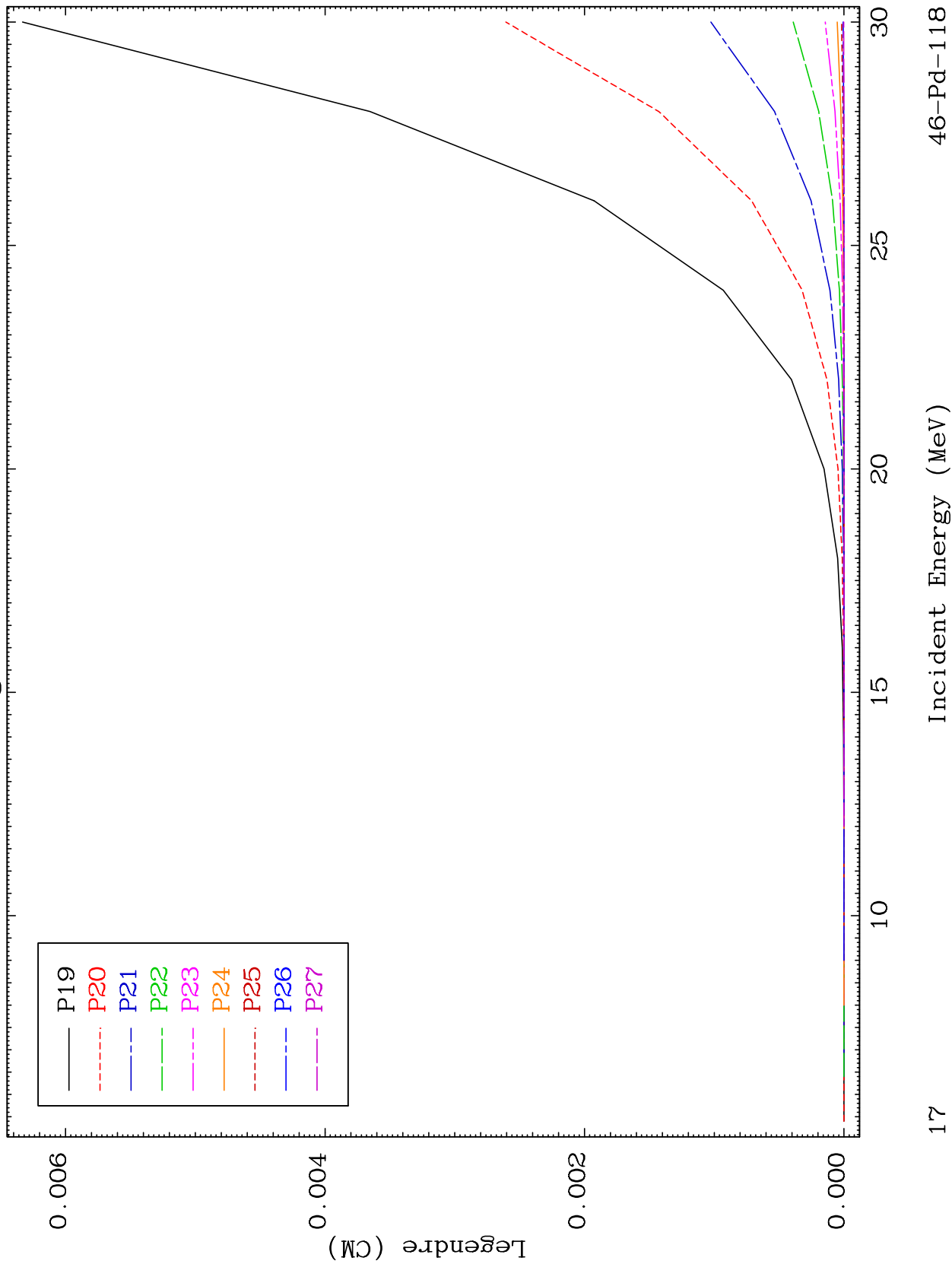
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MAT 4673

Elastic Legendre Coefficients

46-Pd-118



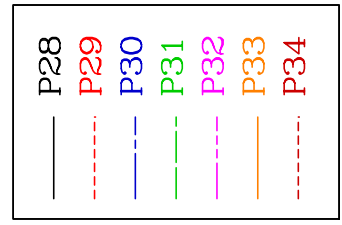
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46-Pd-118

MAT 4673

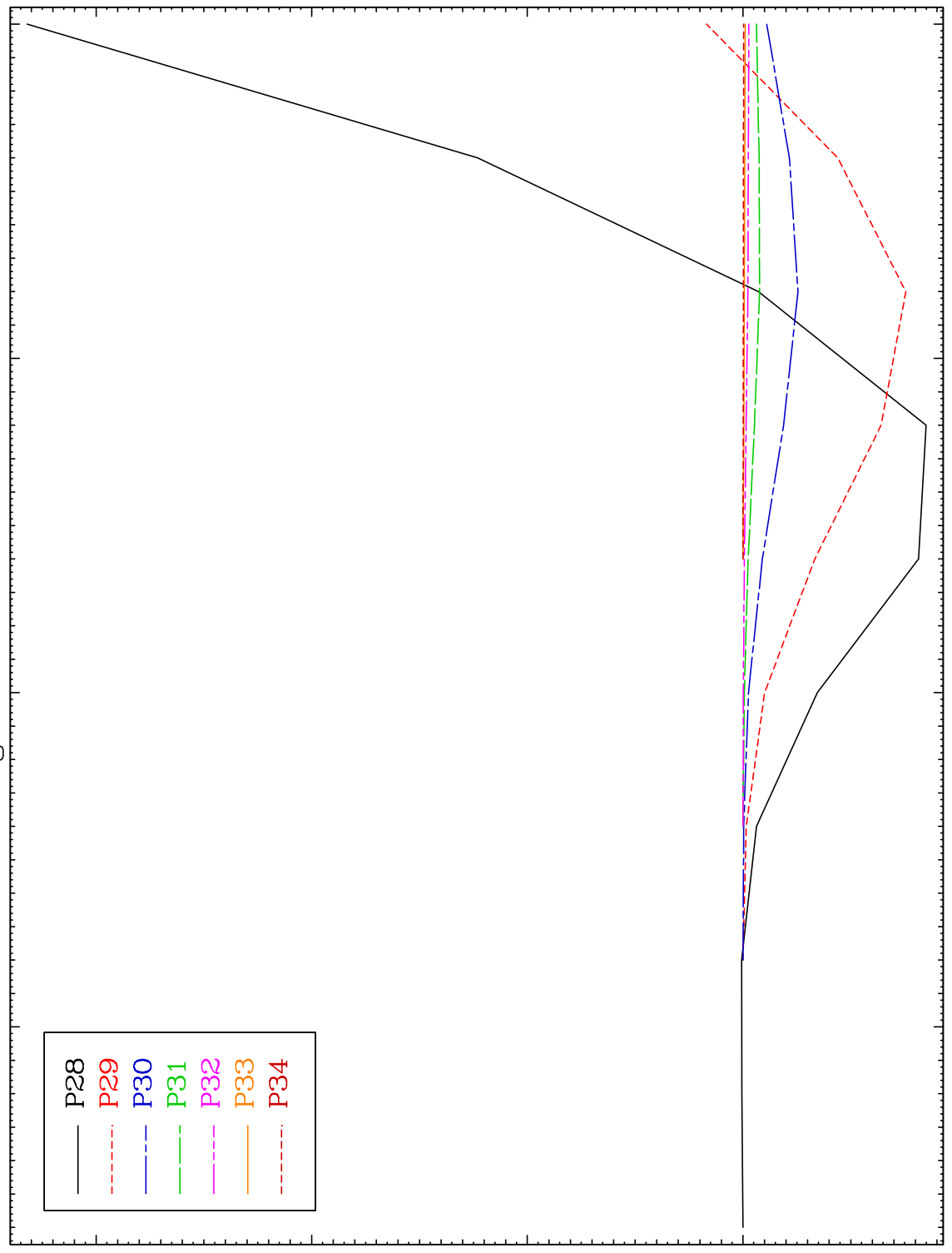
Elastic Legendre Coefficients

46-Pd-118



$\times 10^{-7}$

Legendre (CM)



18

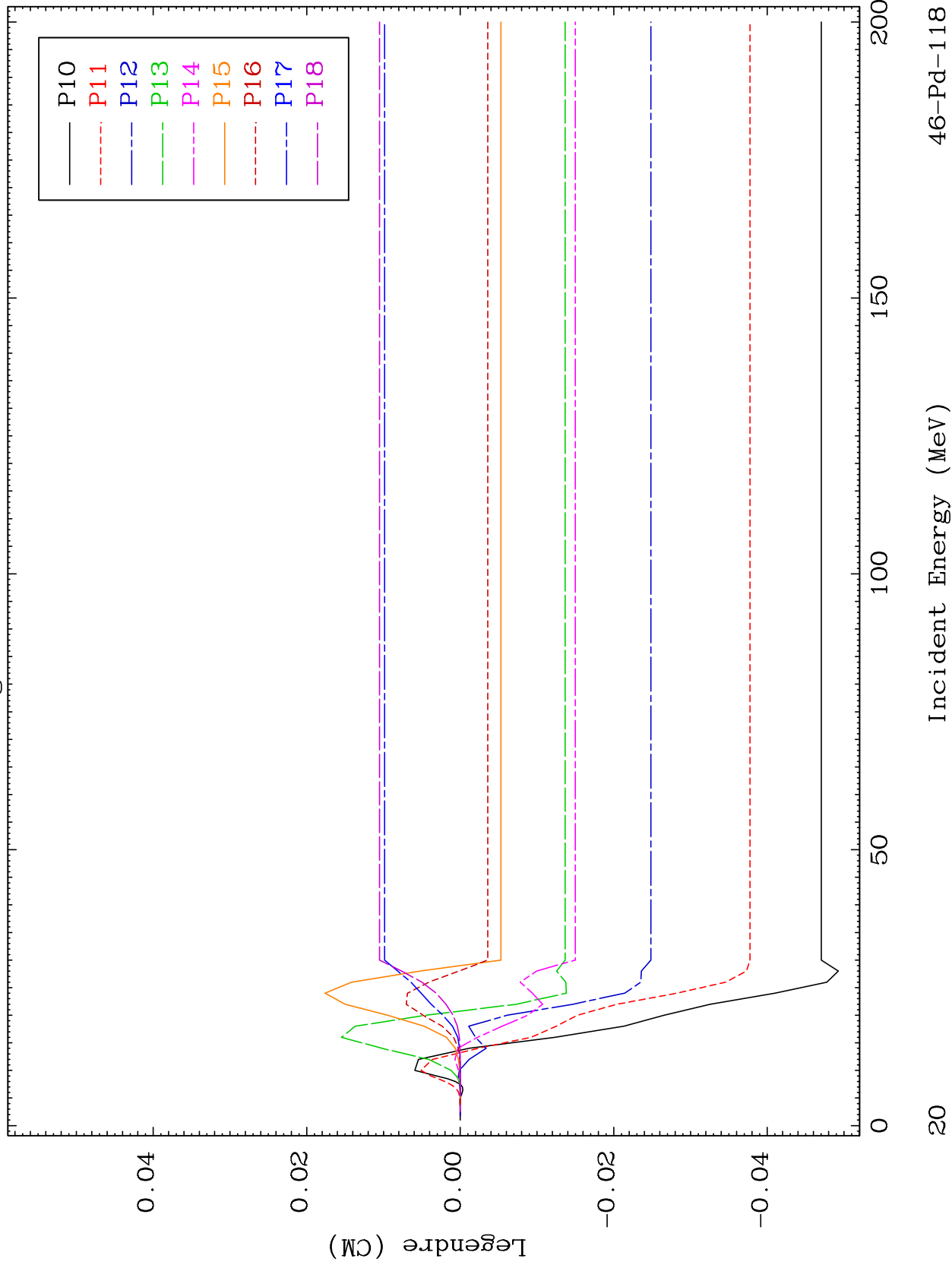
Incident Energy (MeV)

46-Pd-118

MAT 4673

378.6 keV (n,n') Level
Legendre Coefficients

46-Pd-118



46-Pd-118

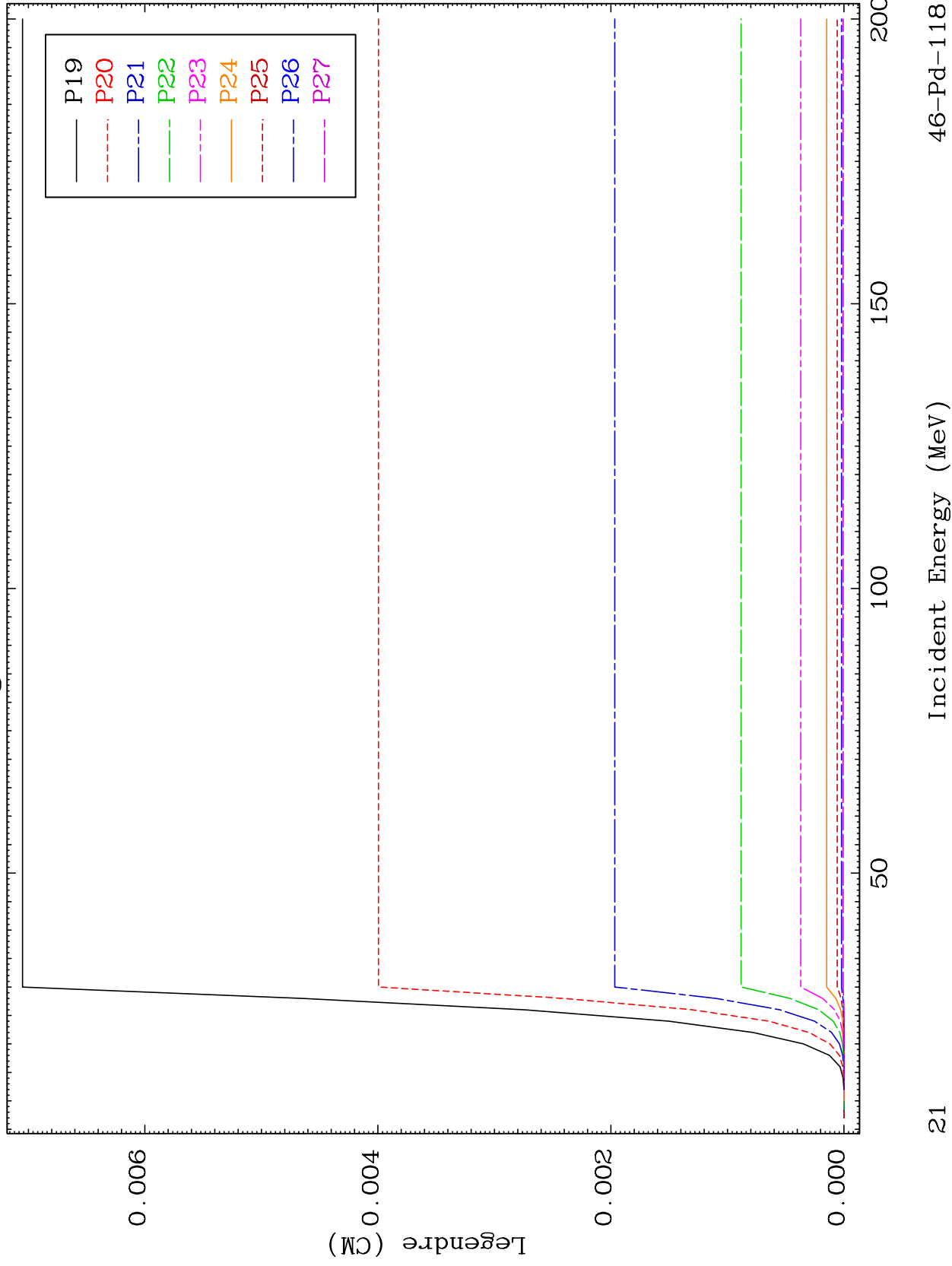
Incident Energy (MeV)

20

MAT 4673

378.6 keV (n,n') Level
Legendre Coefficients

46-Pd-118



21

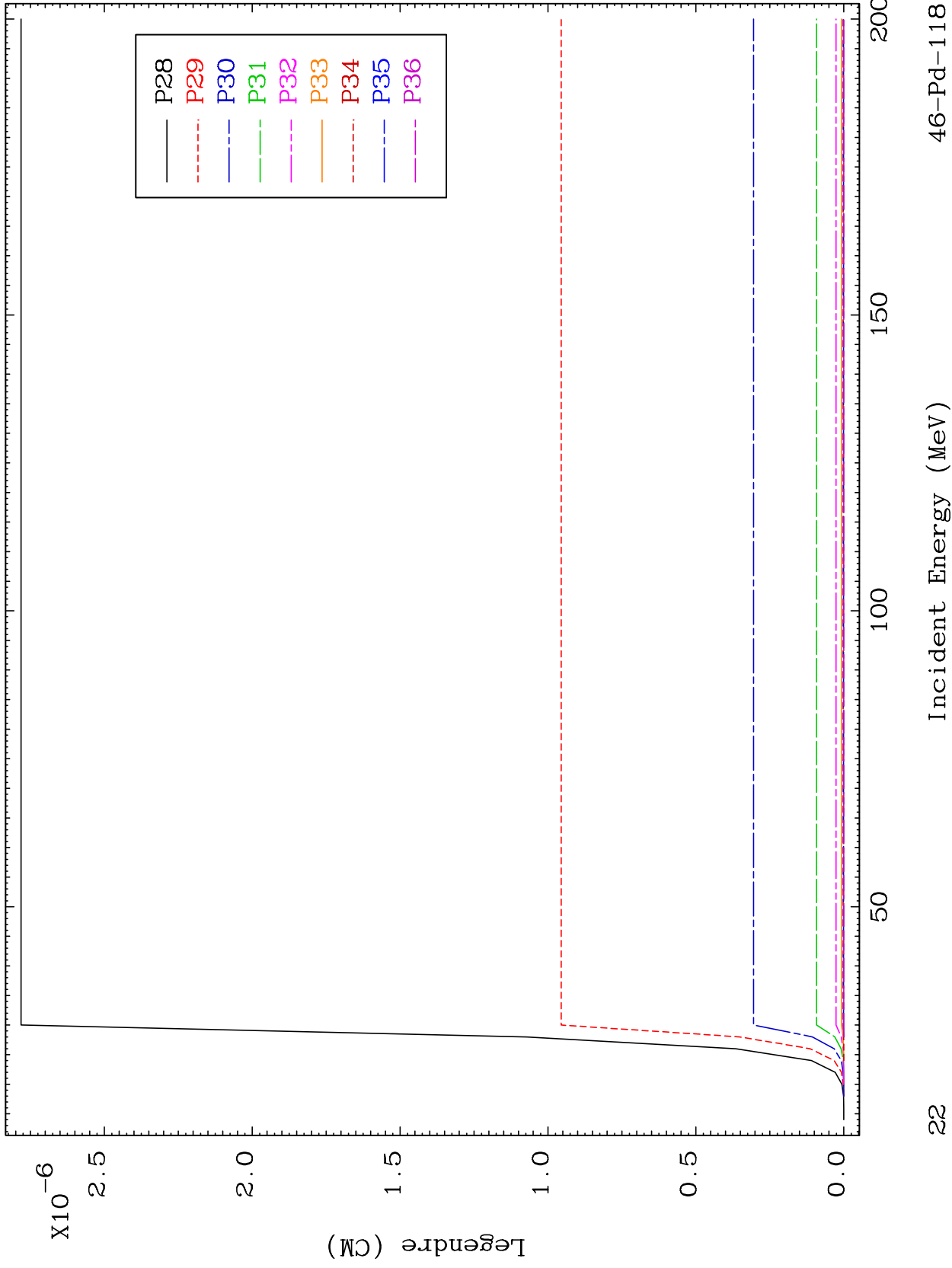
Incident Energy (MeV)

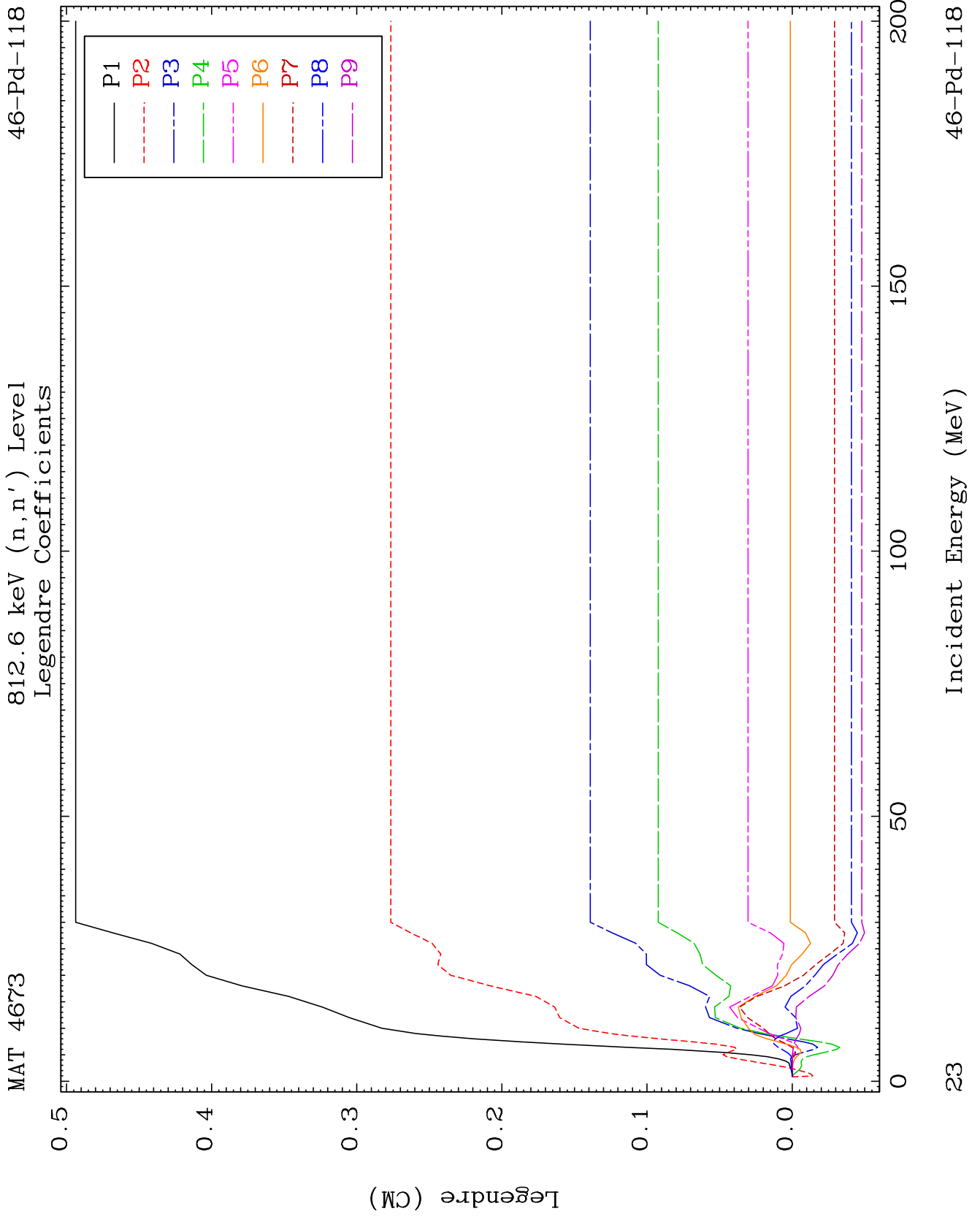
46-Pd-118

MAT 4673

378.6 keV (n,n') Level
Legendre Coefficients

46-Pd-118

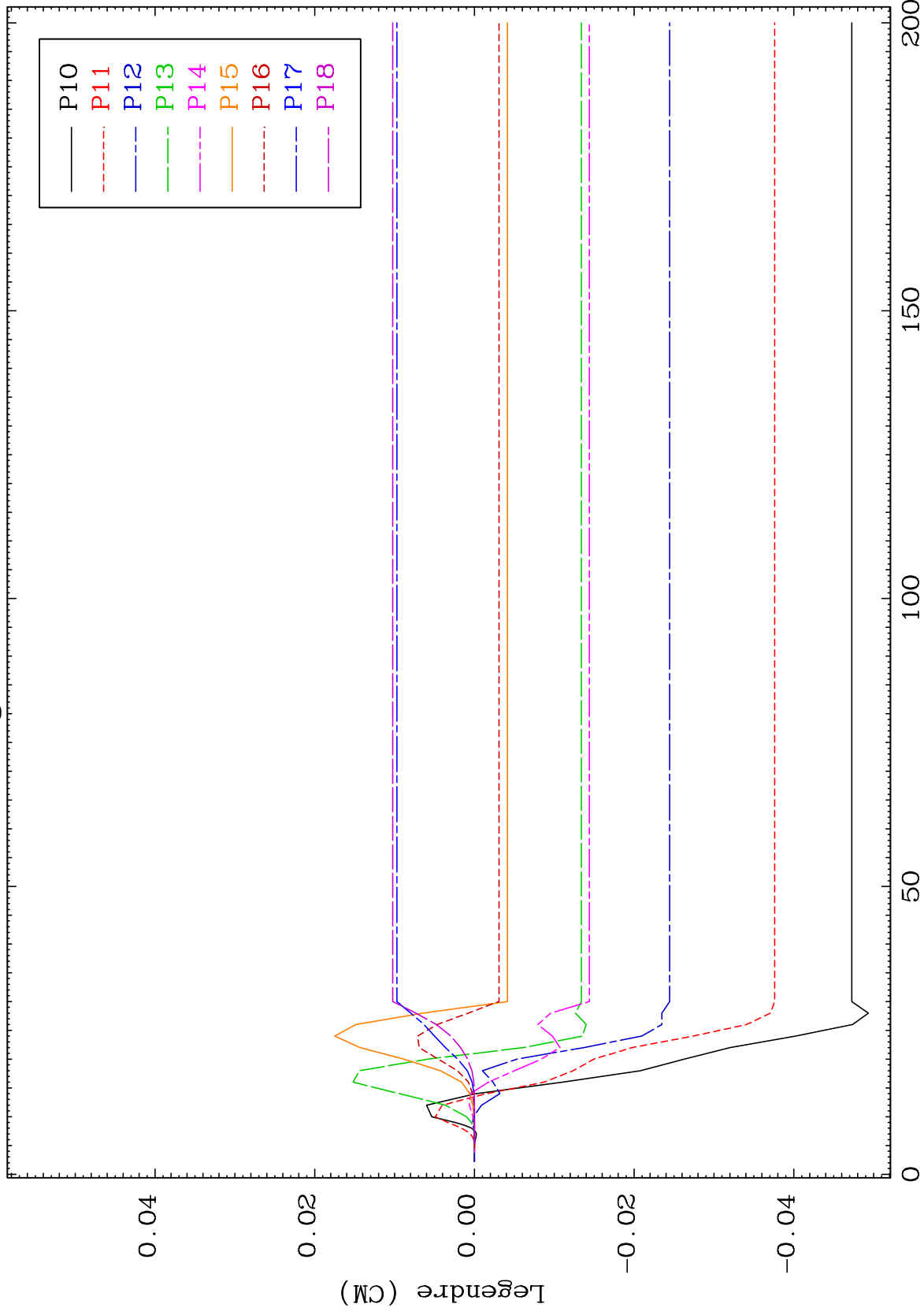




MAT 4673

812.6 keV (n,n') Level
Legendre Coefficients

46-Pd-118



24

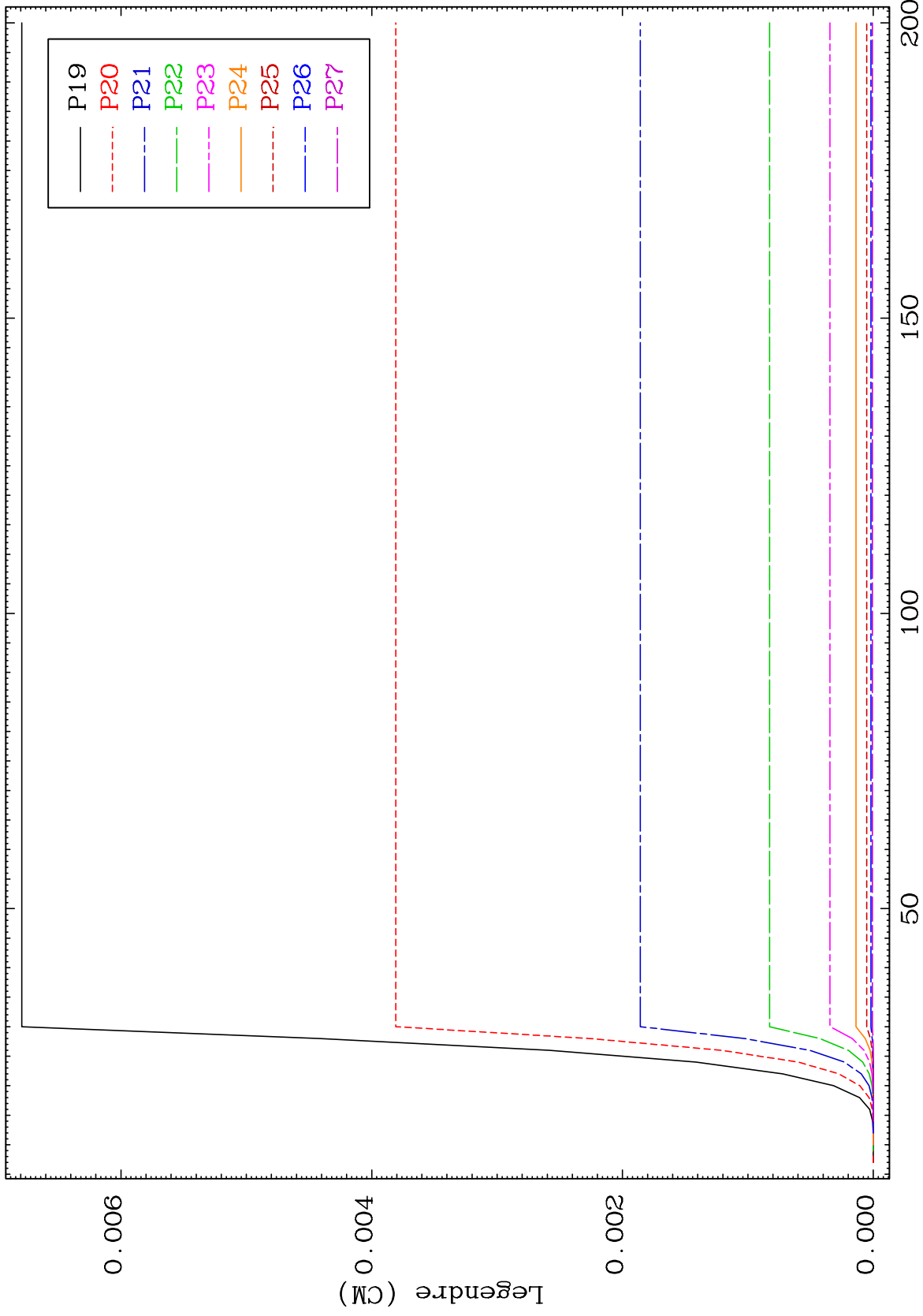
Incident Energy (MeV)

46-Pd-118

MAT 4673

812.6 keV (n,n') Level
Legendre Coefficients

46-Pd-118



25

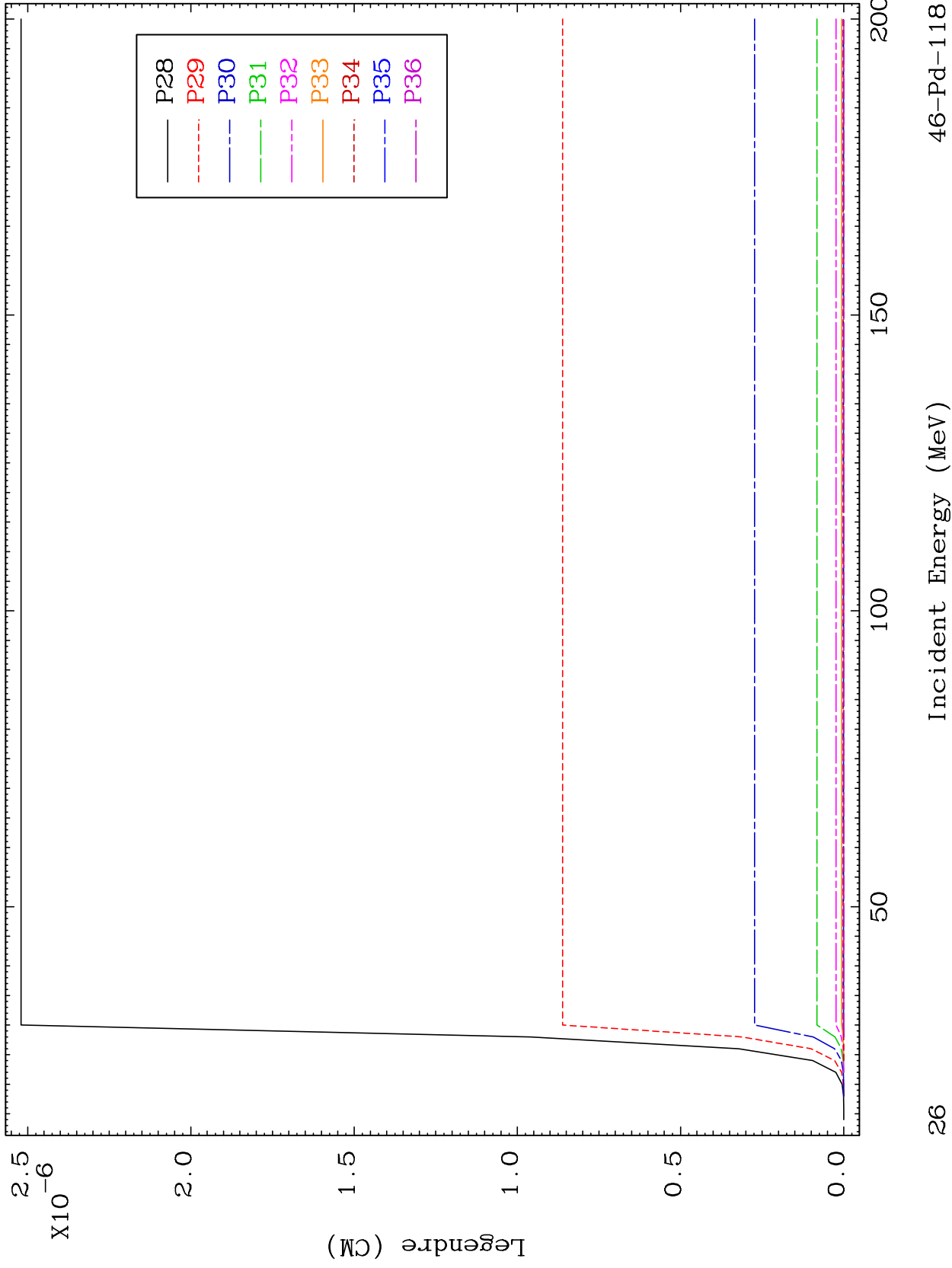
Incident Energy (MeV)

46-Pd-118

MAT 4673

812.6 keV (n, n') Level
Legendre Coefficients

46-Pd-118



26

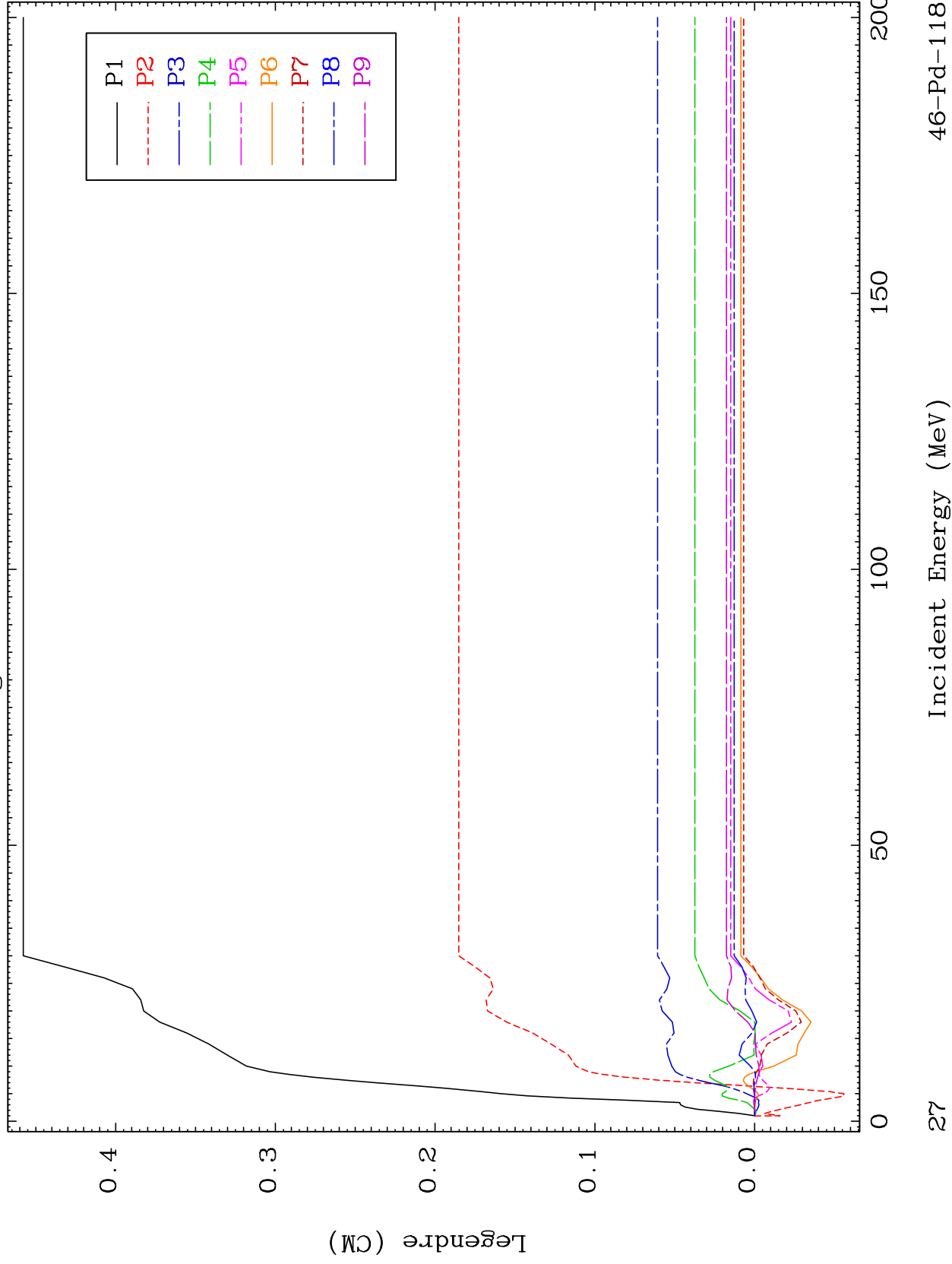
Incident Energy (MeV)

46-Pd-118

MAT 4673

953.2 keV (n,n') Level
Legendre Coefficients

46-Pd-118



27

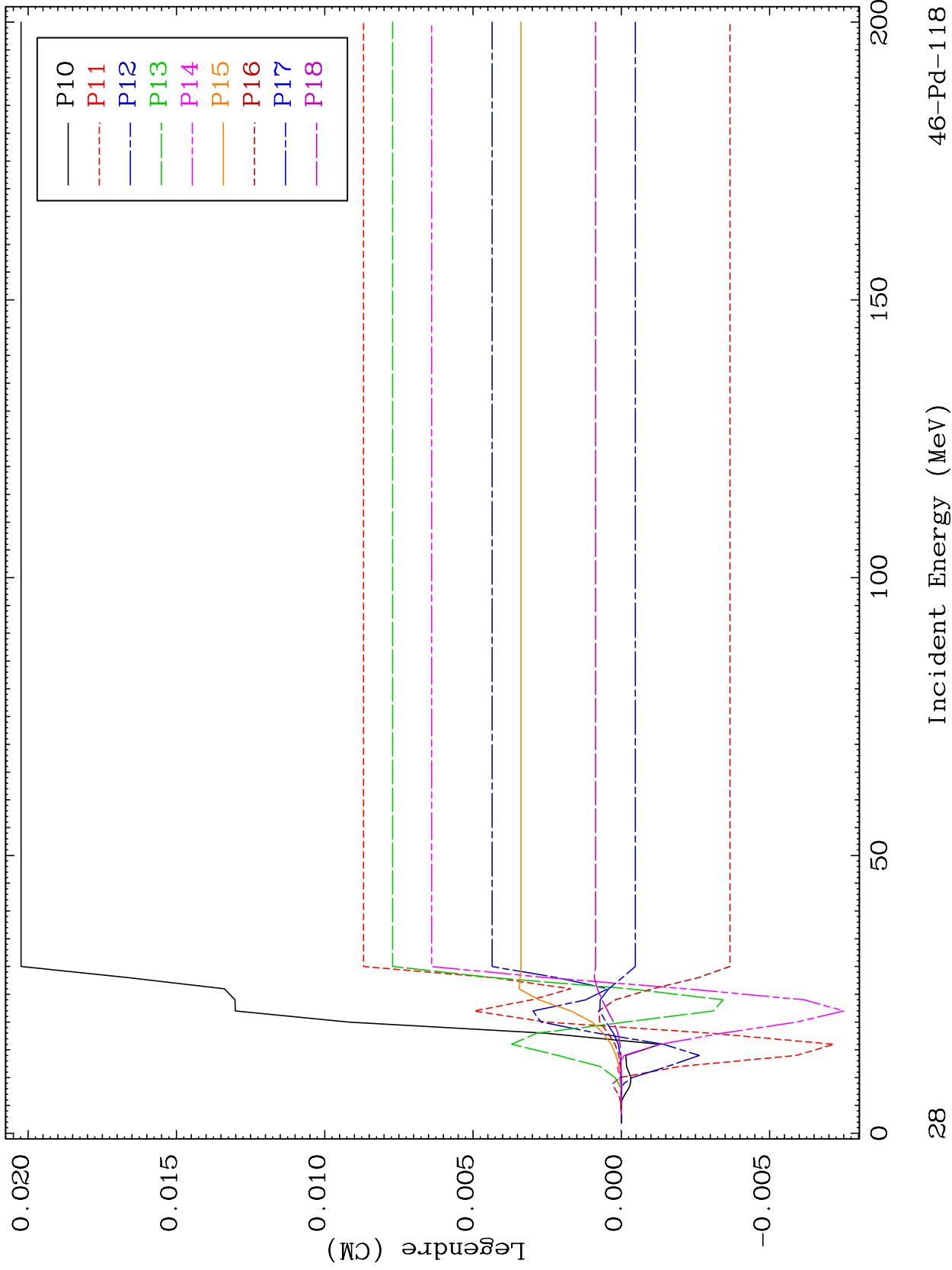
Incident Energy (MeV)

46-Pd-118

MAT 4673

953.2 keV (n,n') Level
Legendre Coefficients

46-Pd-118



46-Pd-118

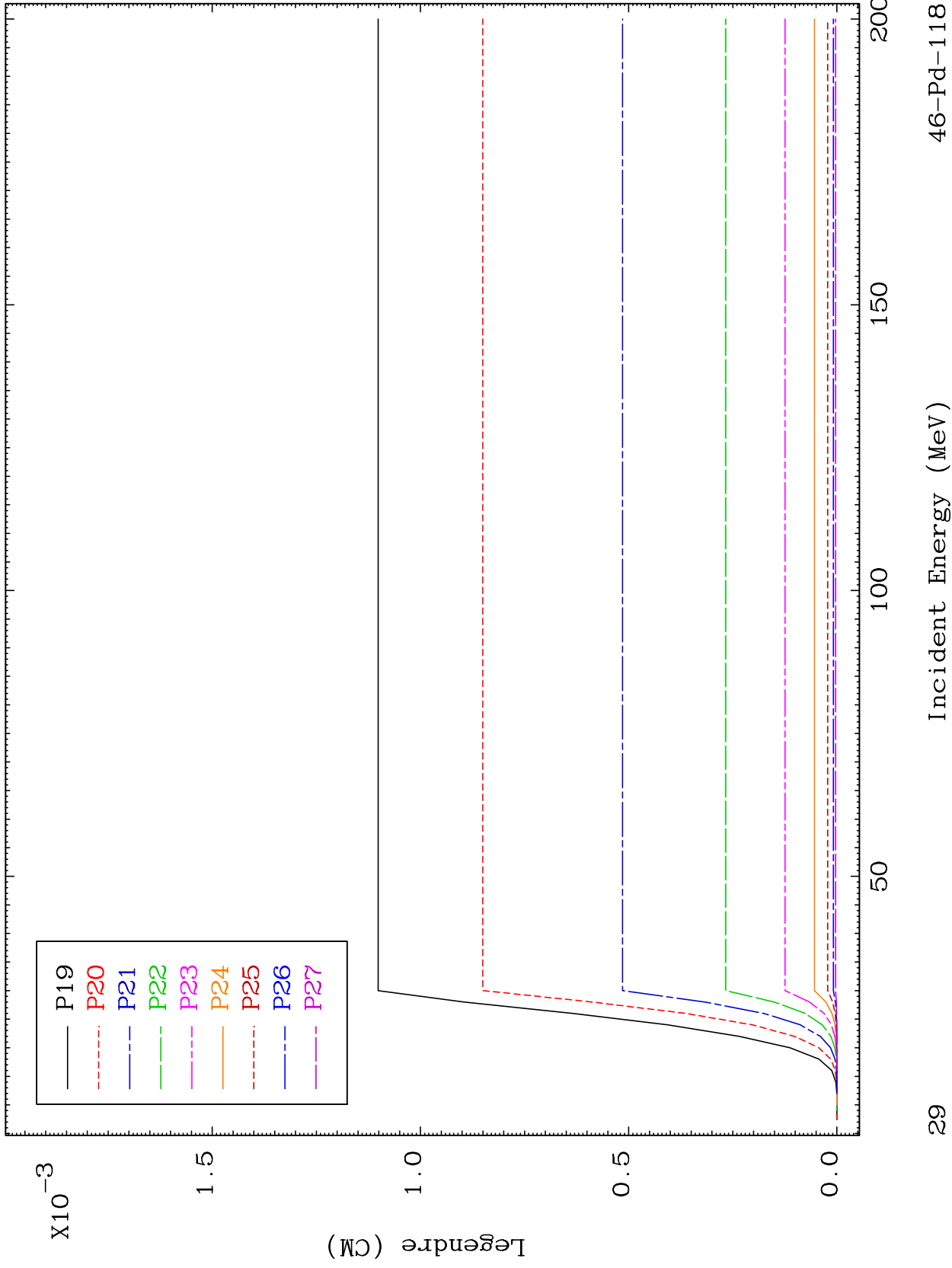
Incident Energy (MeV)

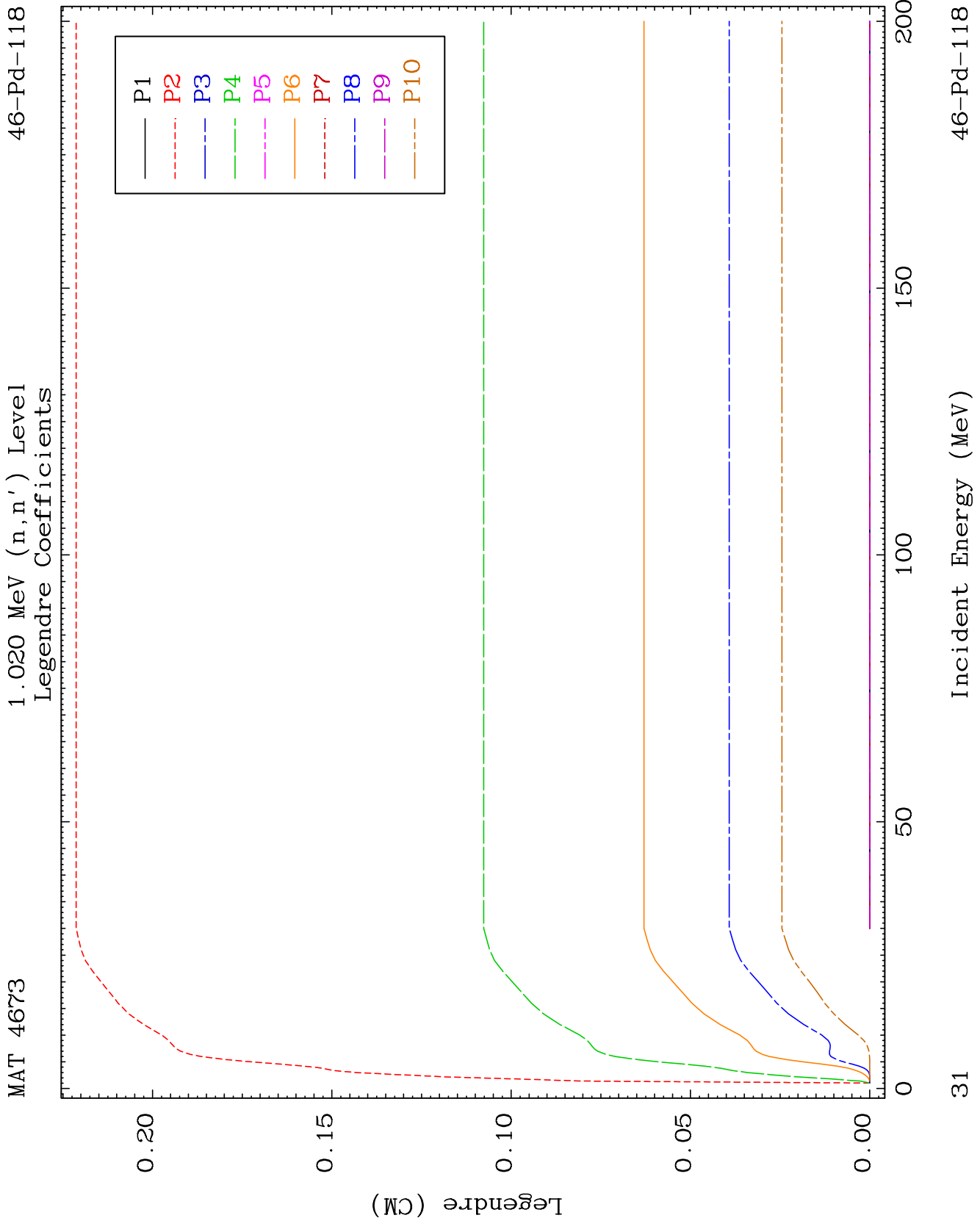
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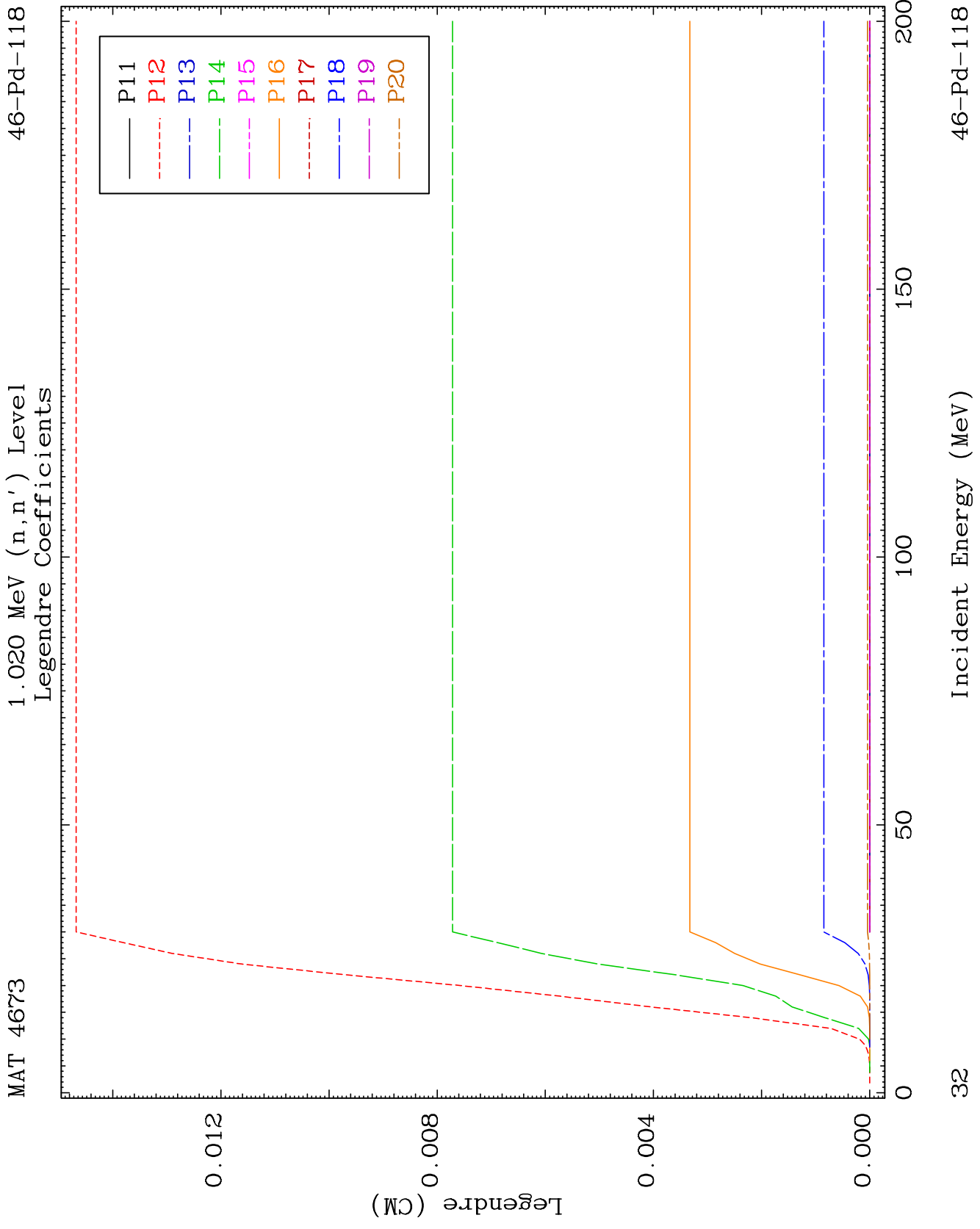
MAT 4673

953.2 keV (n,n') Level
Legendre Coefficients

46-Pd-118



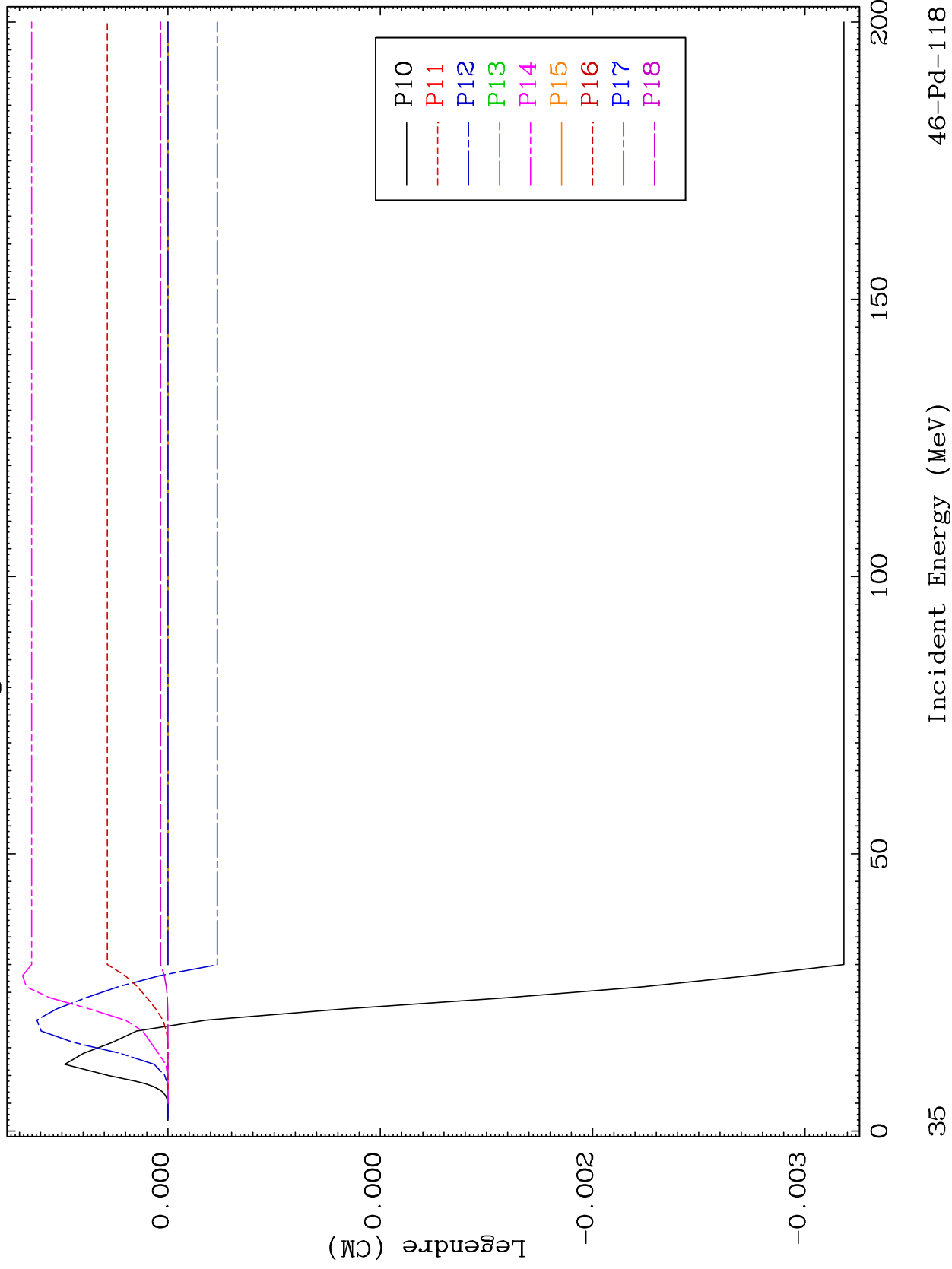




MAT 4673

1.183 MeV (n,n') Level
Legendre Coefficients

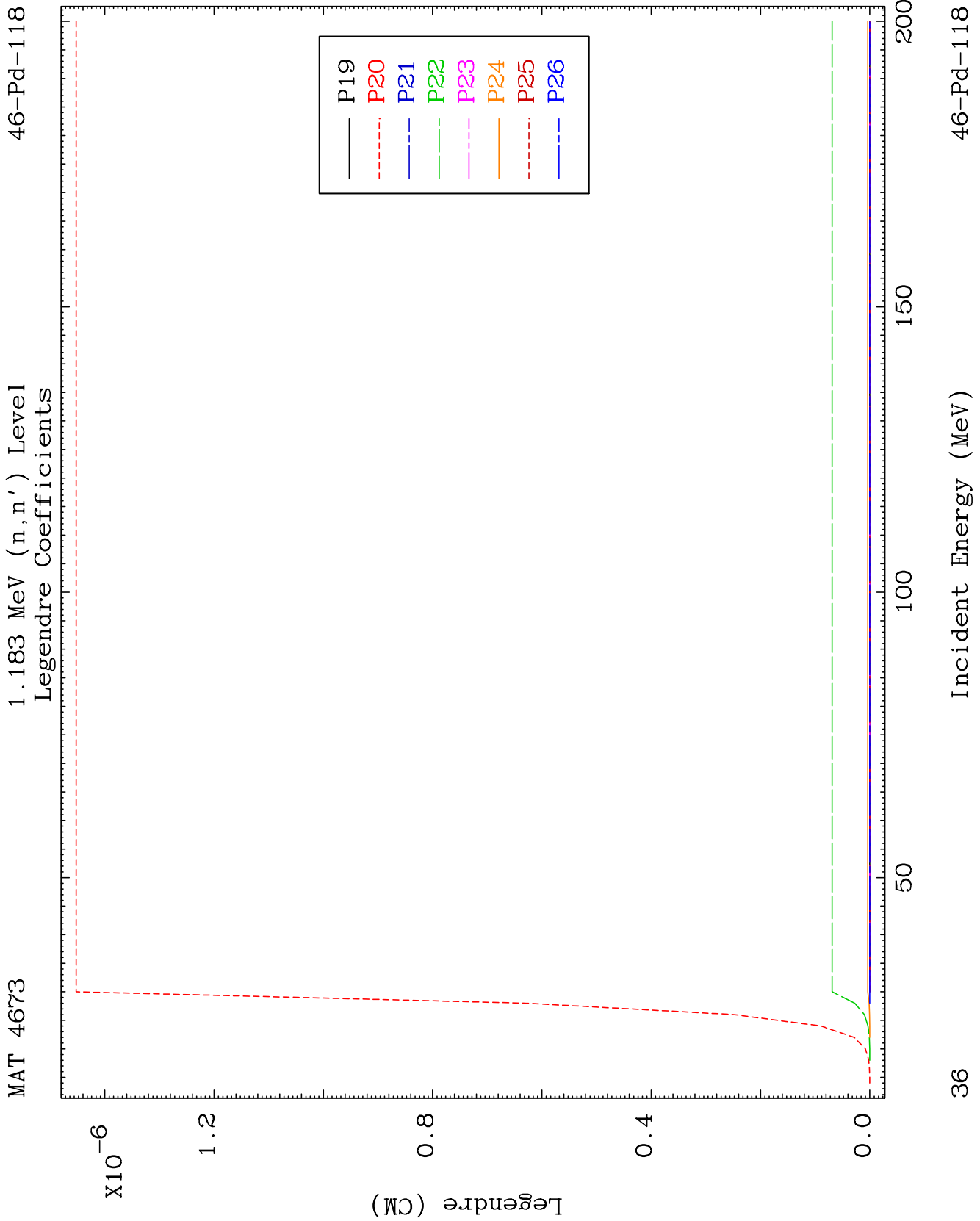
46-Pd-118



46-Pd-118

Incident Energy (MeV)

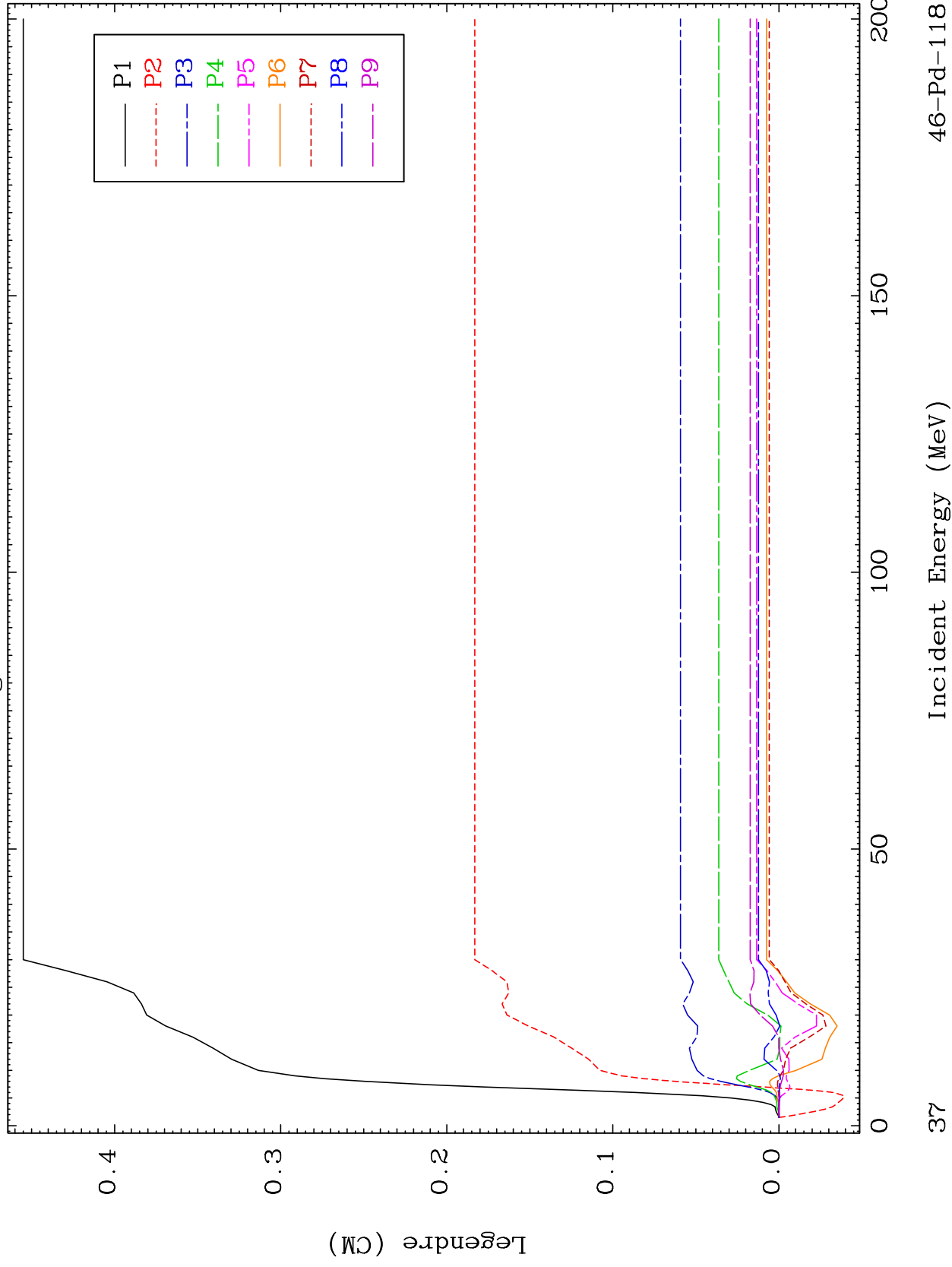
35



MAT 4673

1.462 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



46-Pd-118

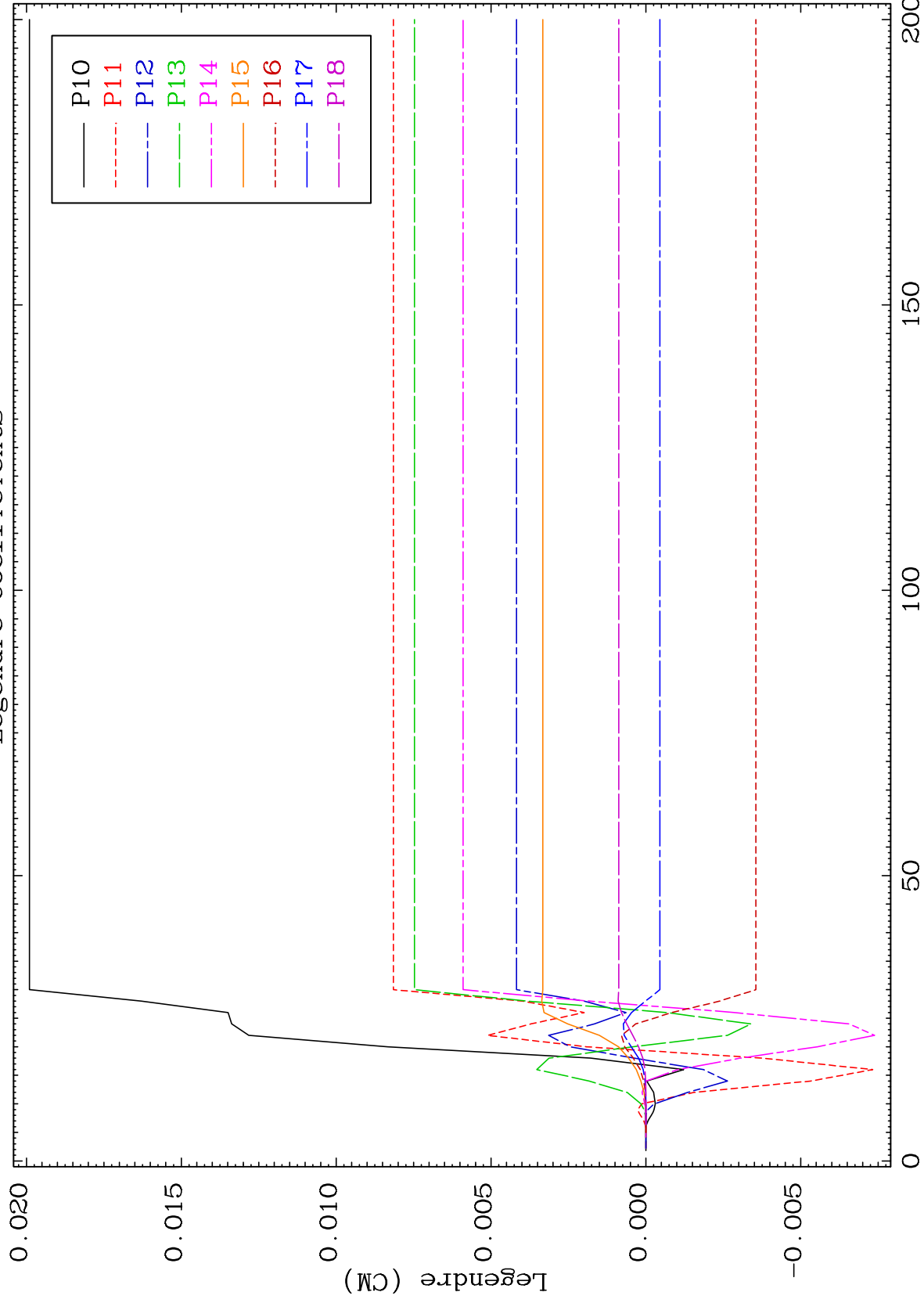
Incident Energy (MeV)

37

MAT 4673

1.462 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



38

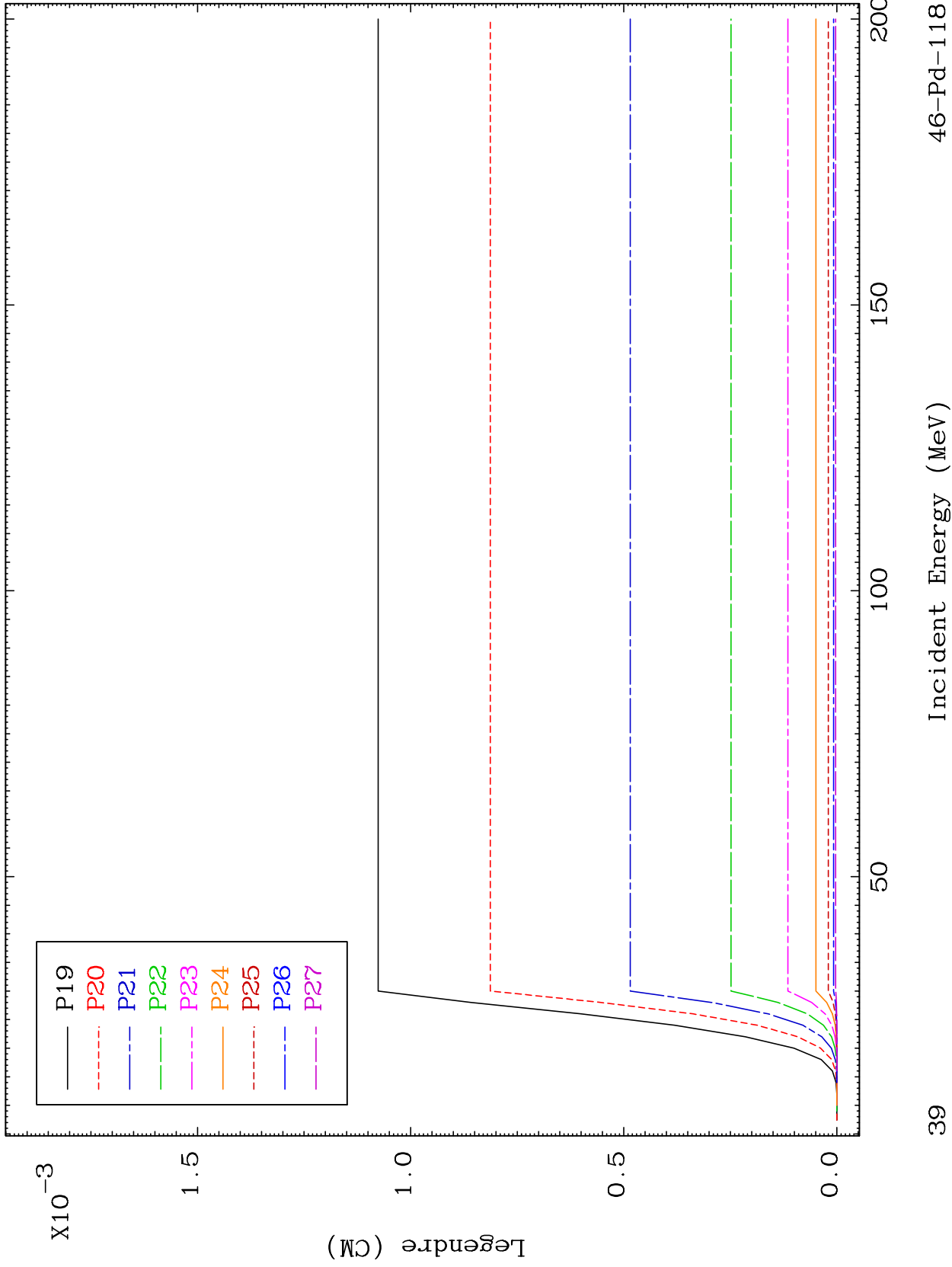
Incident Energy (MeV)

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MAT 4673

1.462 MeV (n, n') Level
Legendre Coefficients

46-Pd-118

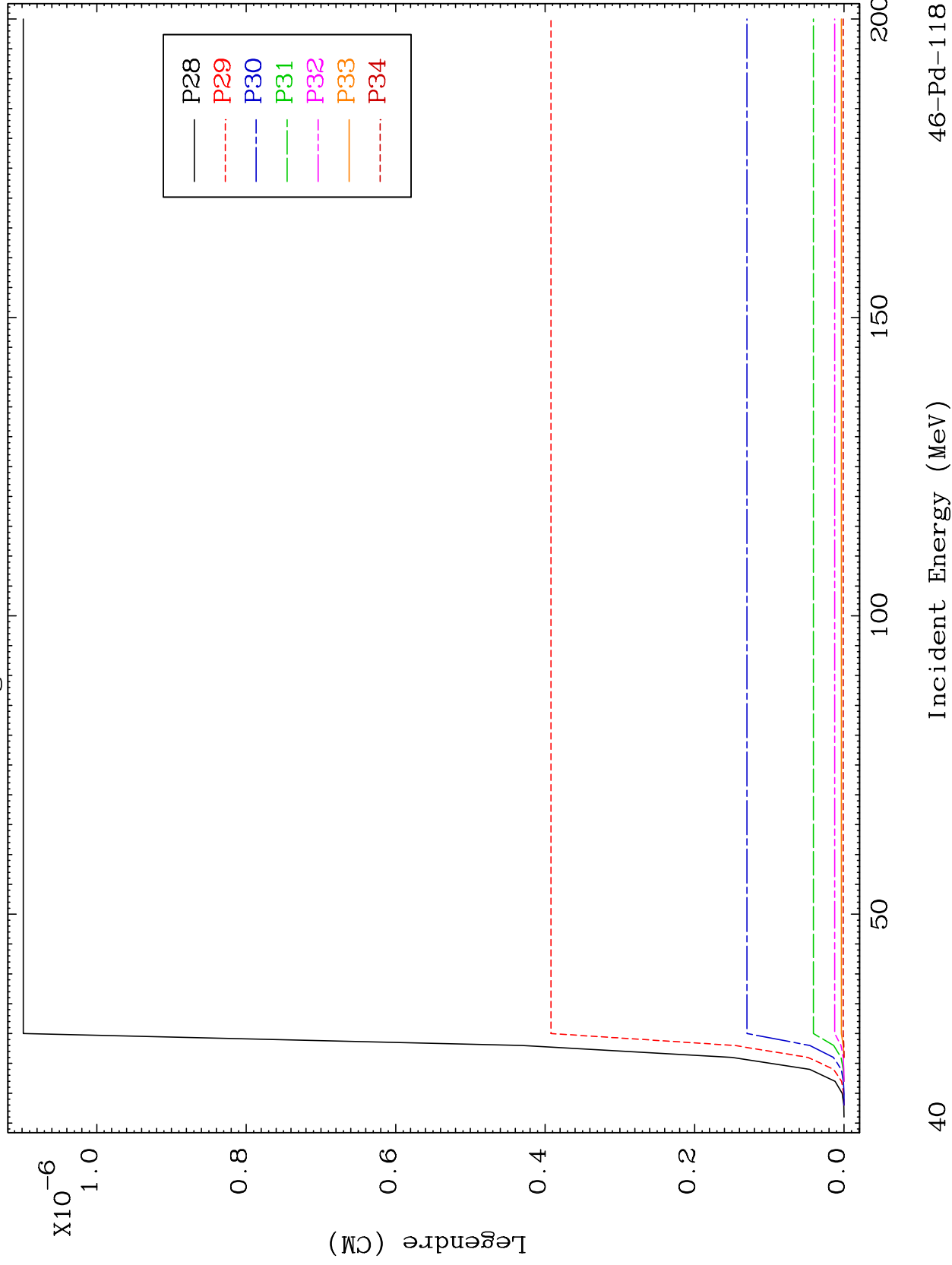


39

MAT 4673

1.462 MeV (n,n') Level
Legendre Coefficients

46-Pd-118

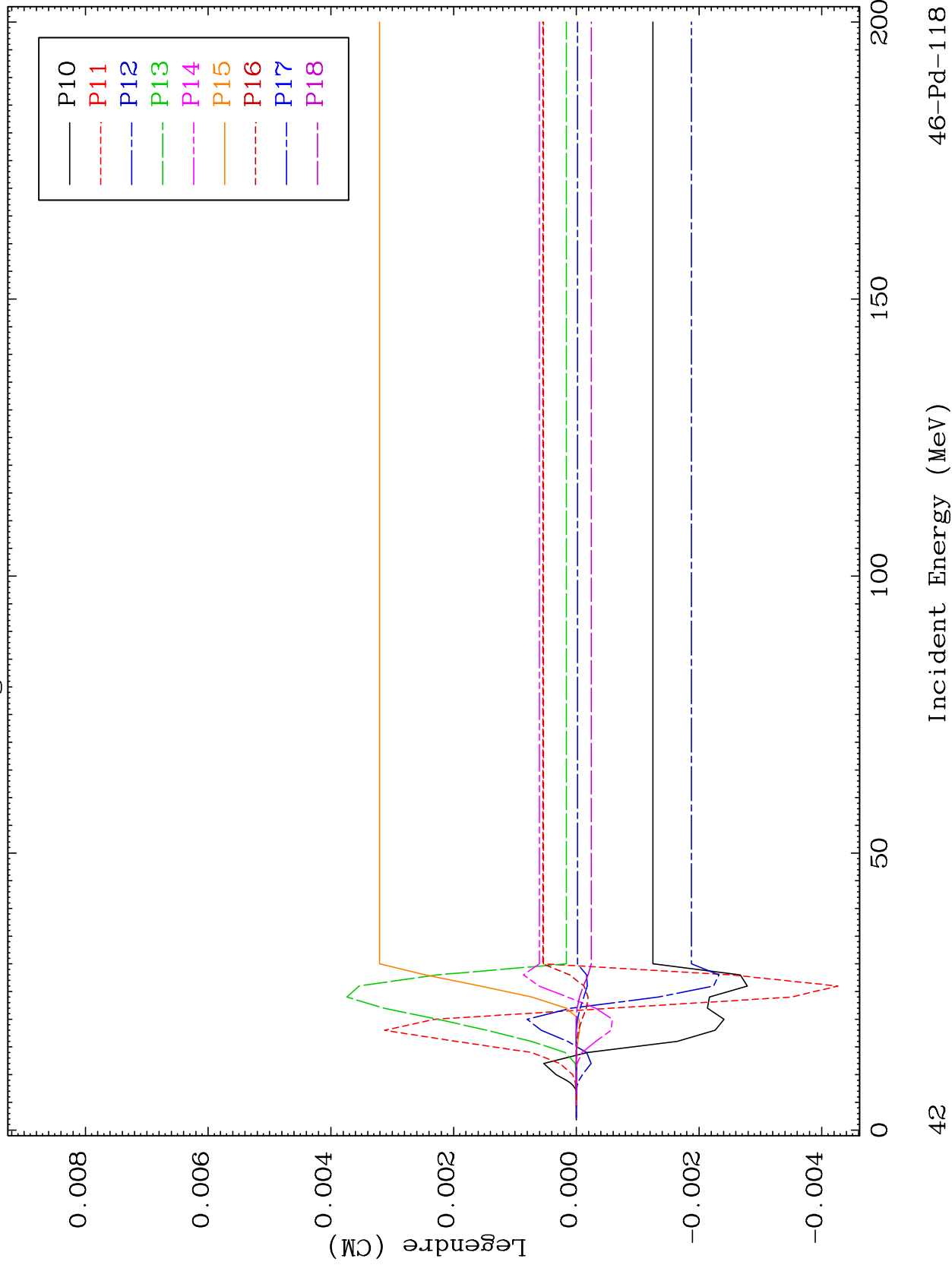


46-Pd-118

MAT 4673

1.671 MeV (n,n') Level
Legendre Coefficients

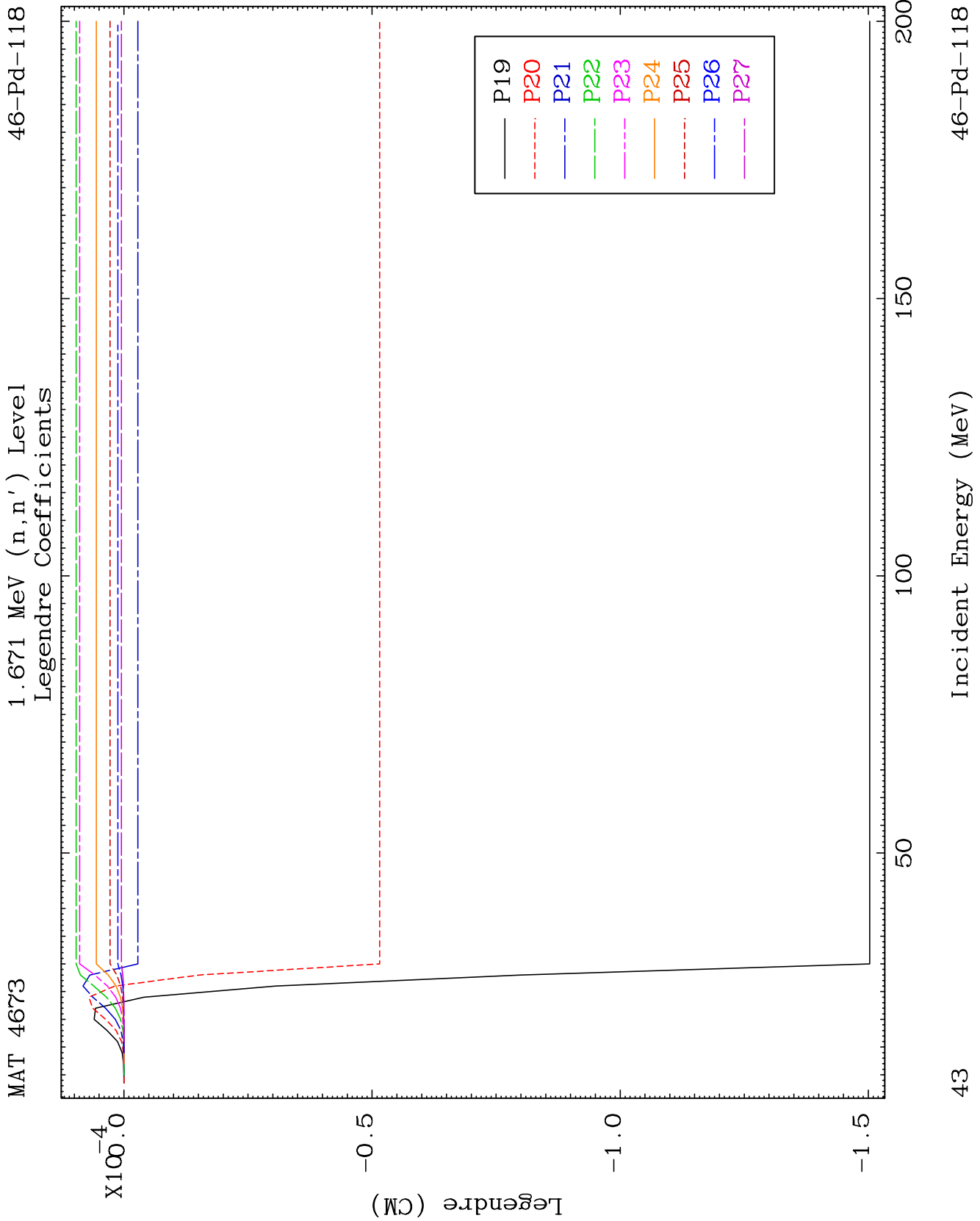
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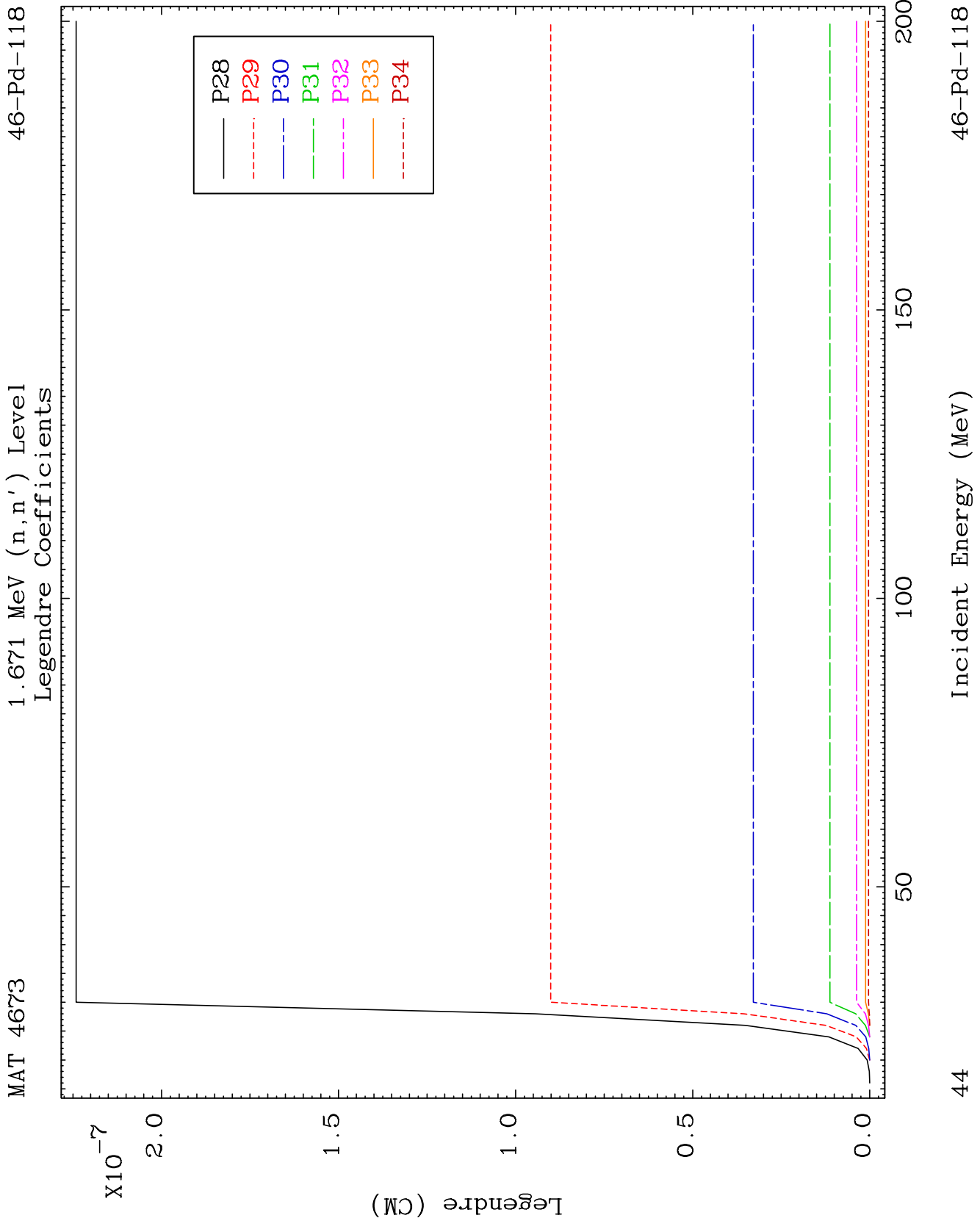


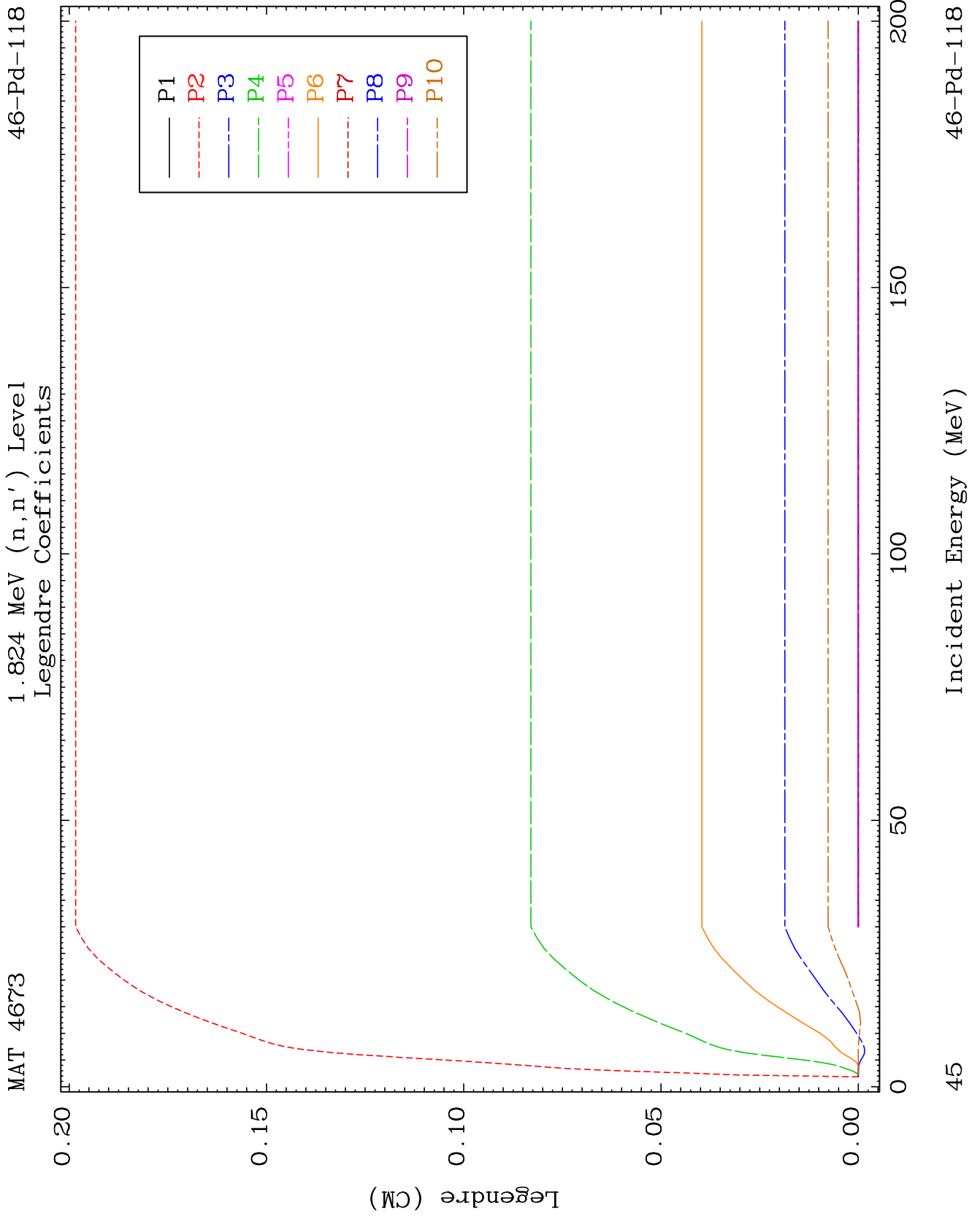
46-Pd-118

Incident Energy (MeV)

42



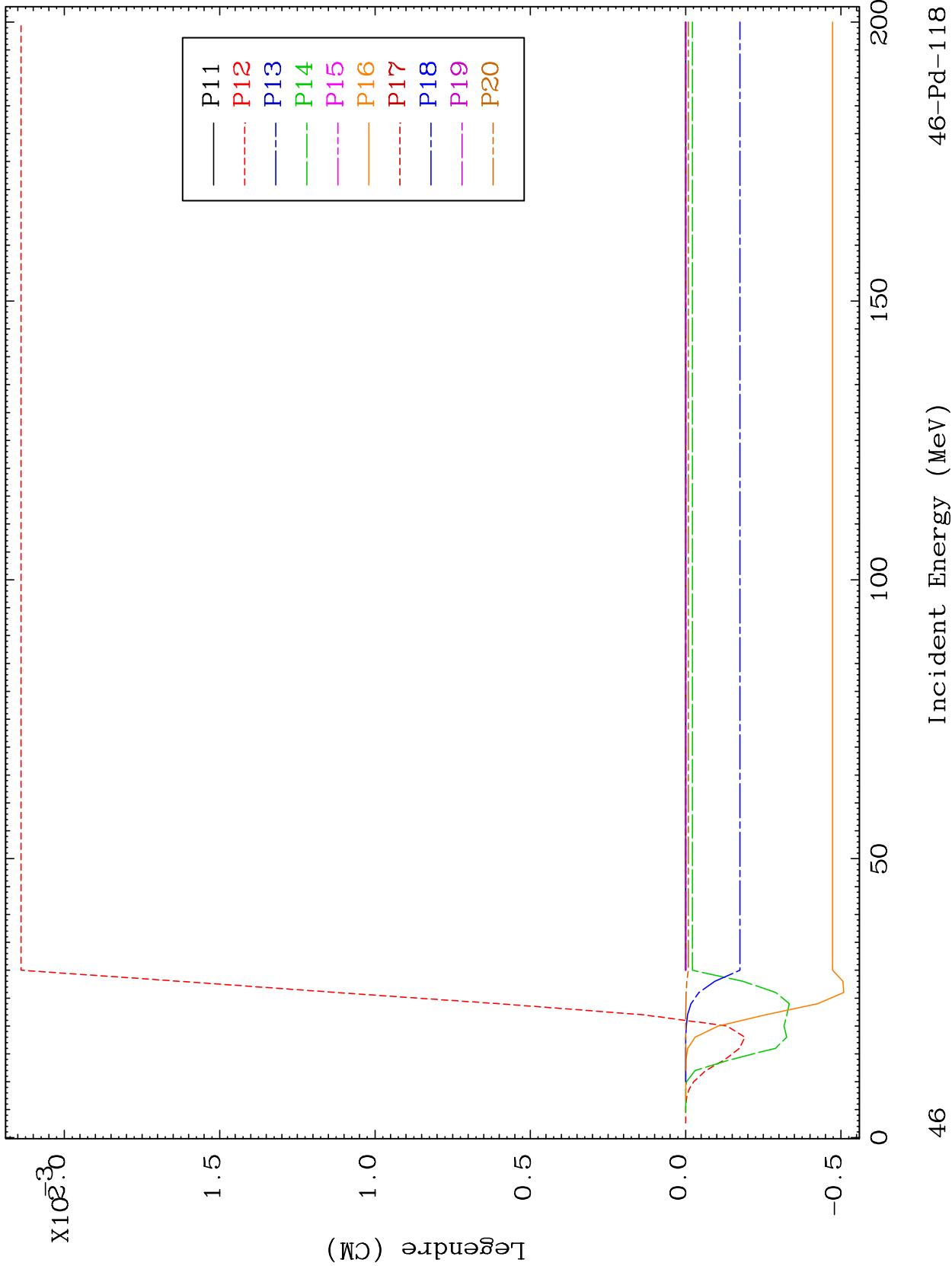




MAT 4673

1.824 MeV (n,n') Level
Legendre Coefficients

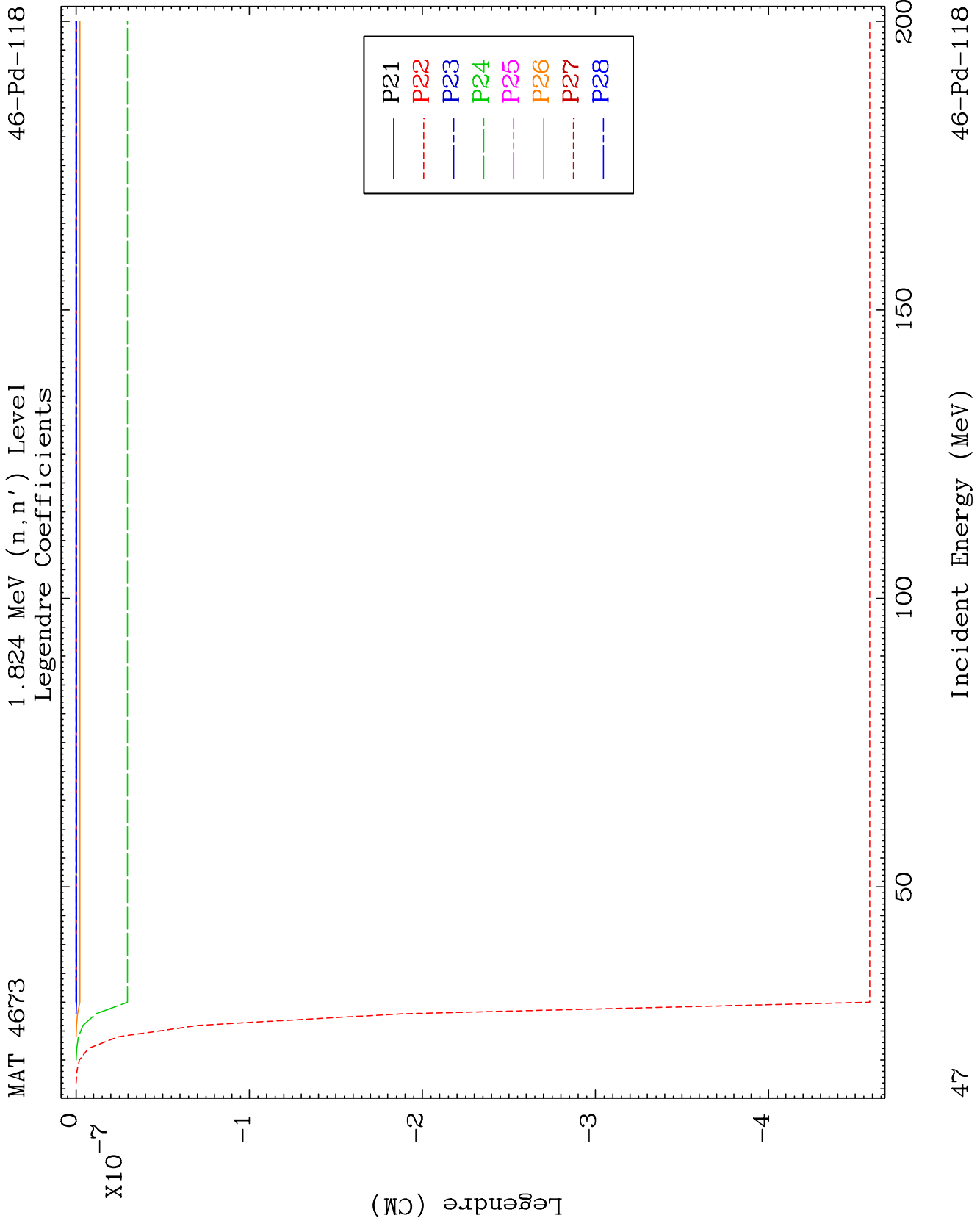
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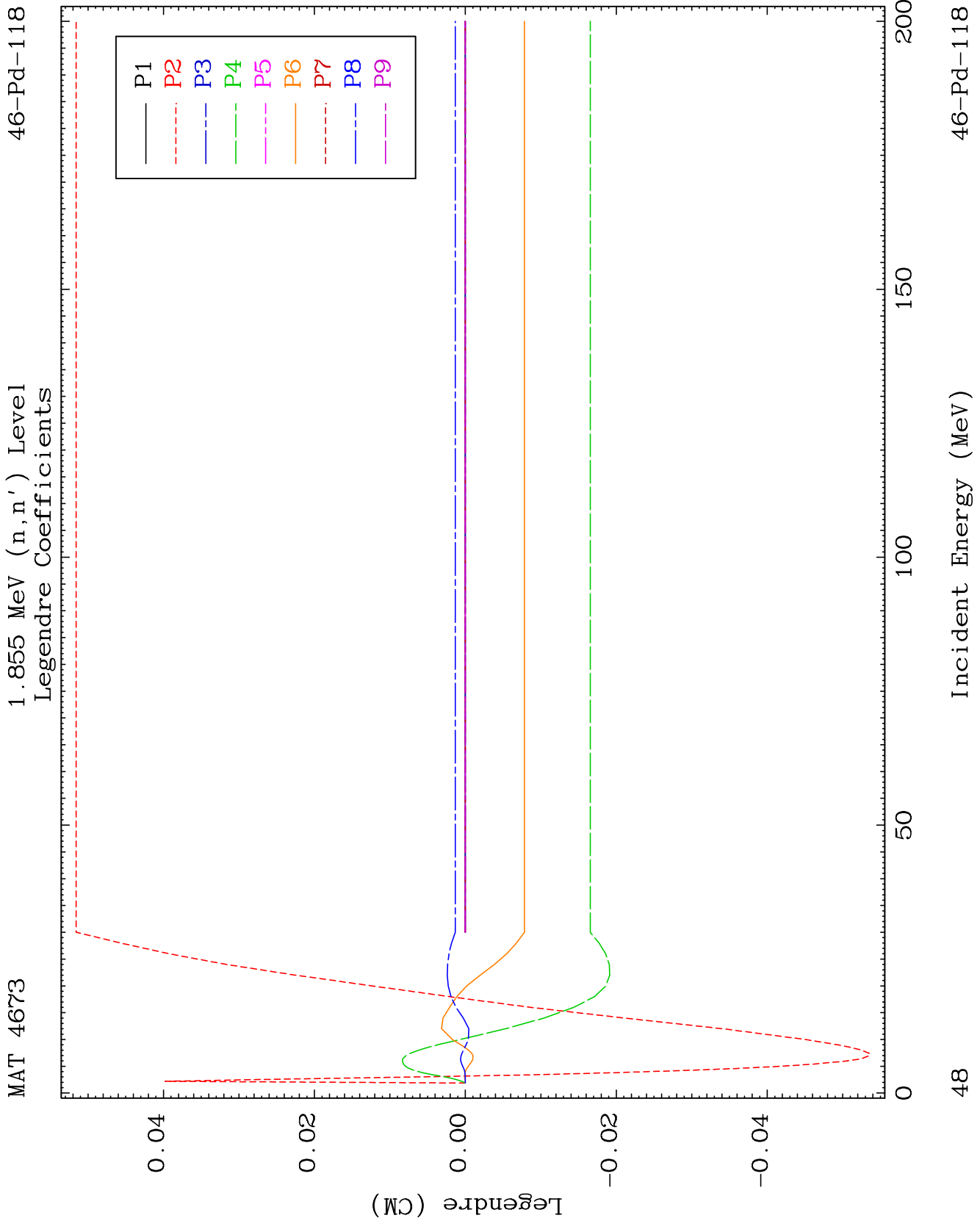


46

Incident Energy (MeV)

46-Pd-118

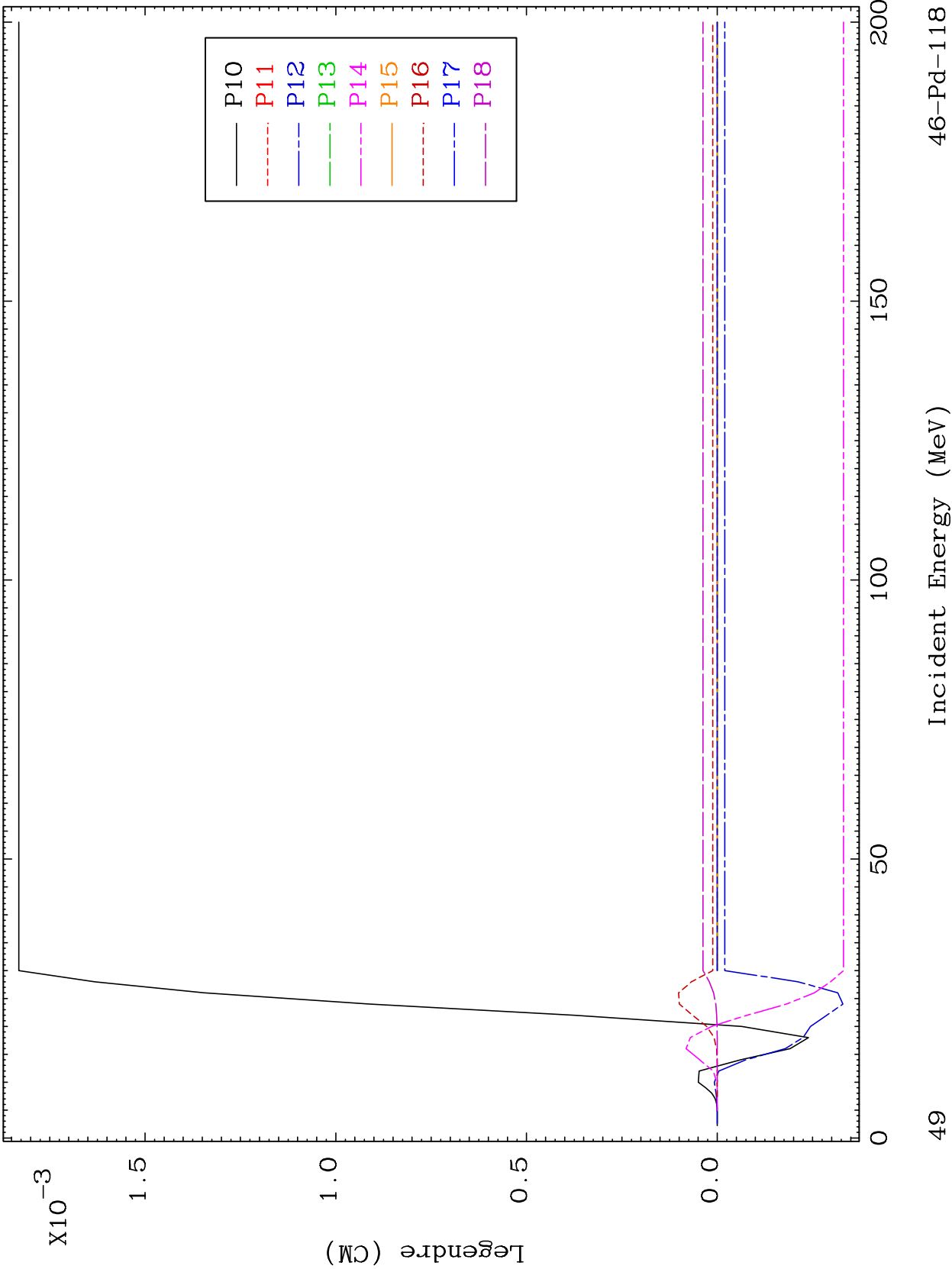




MAT 4673

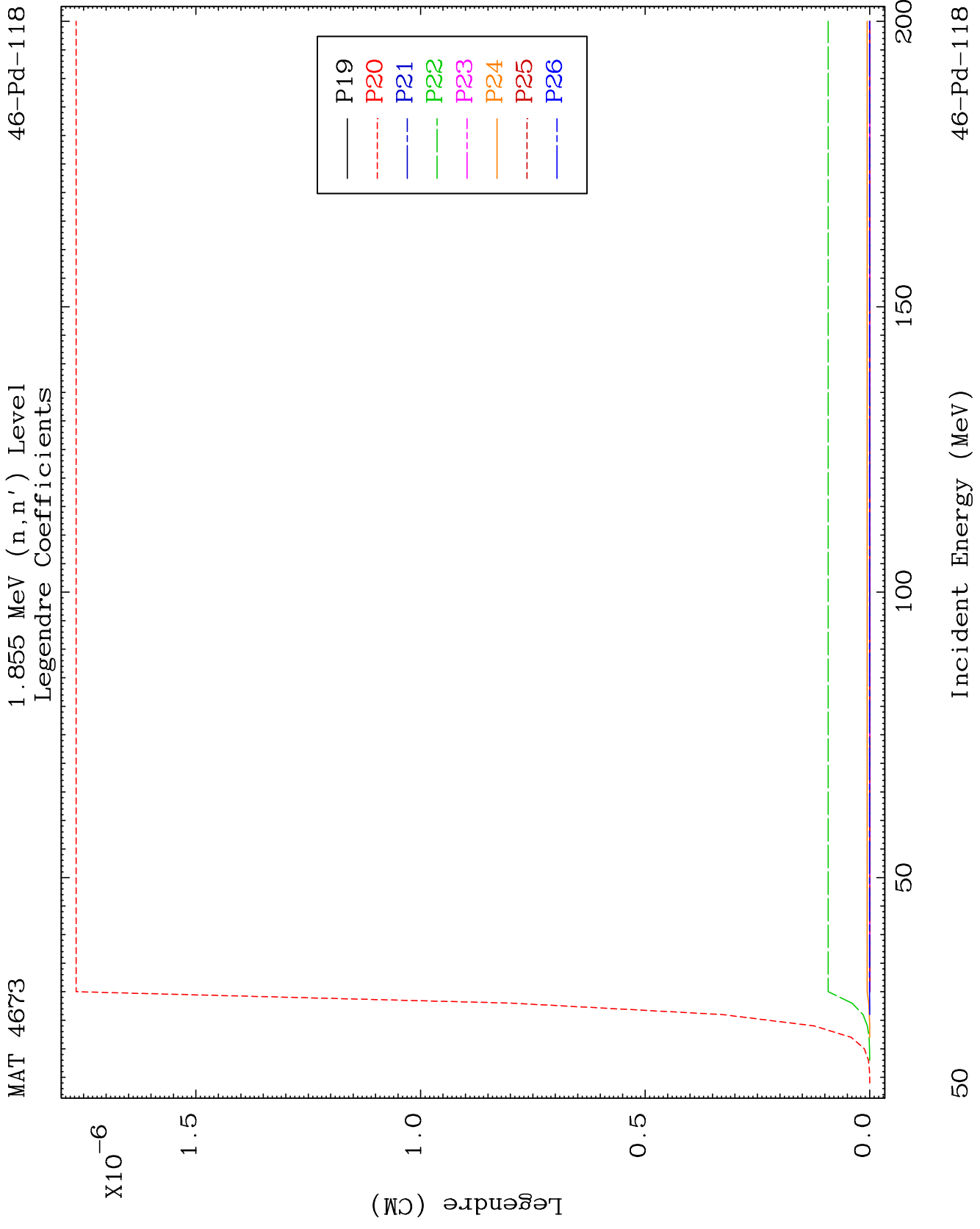
1.855 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



49

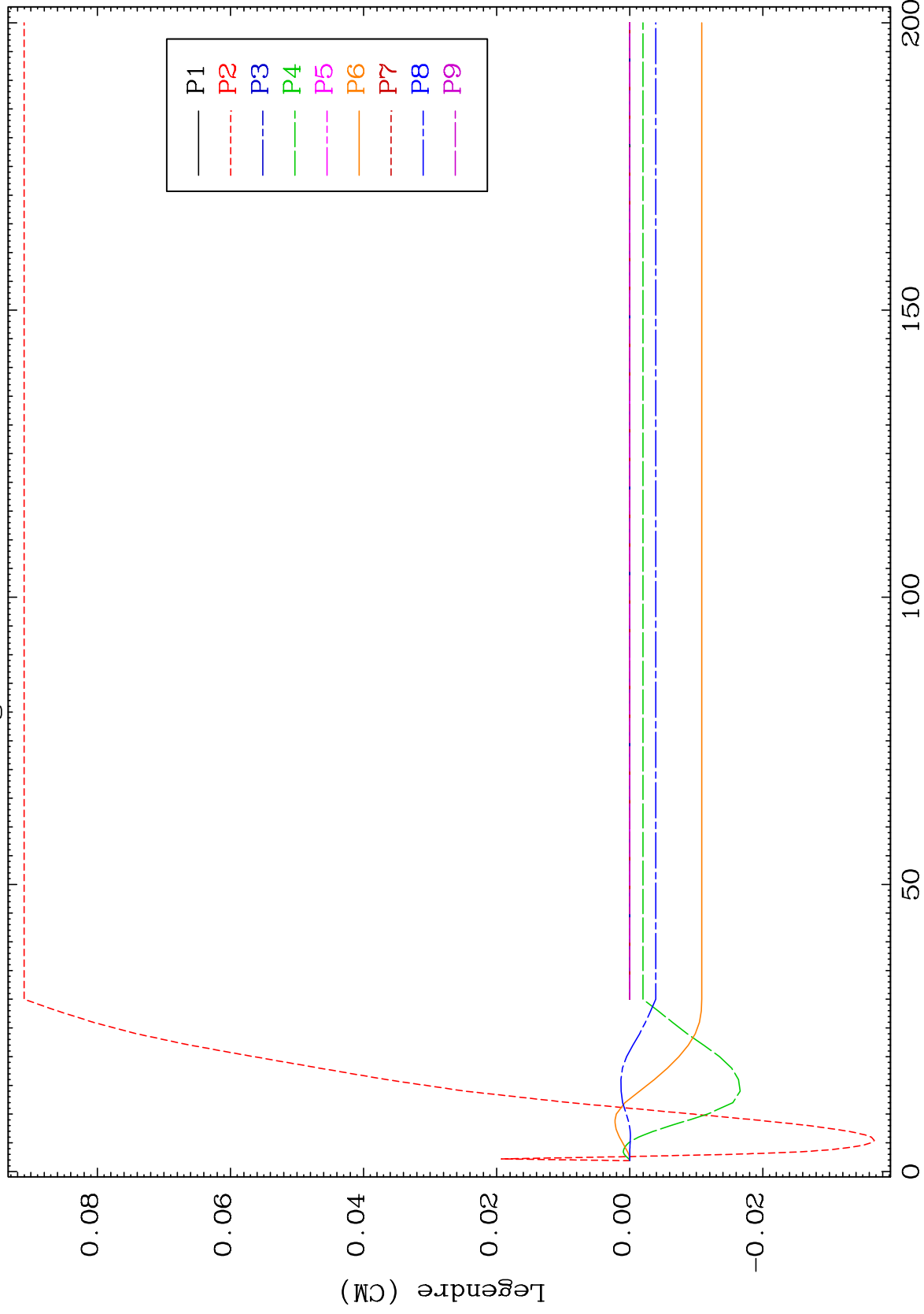
46-Pd-118



MAT 4673

1.871 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



51

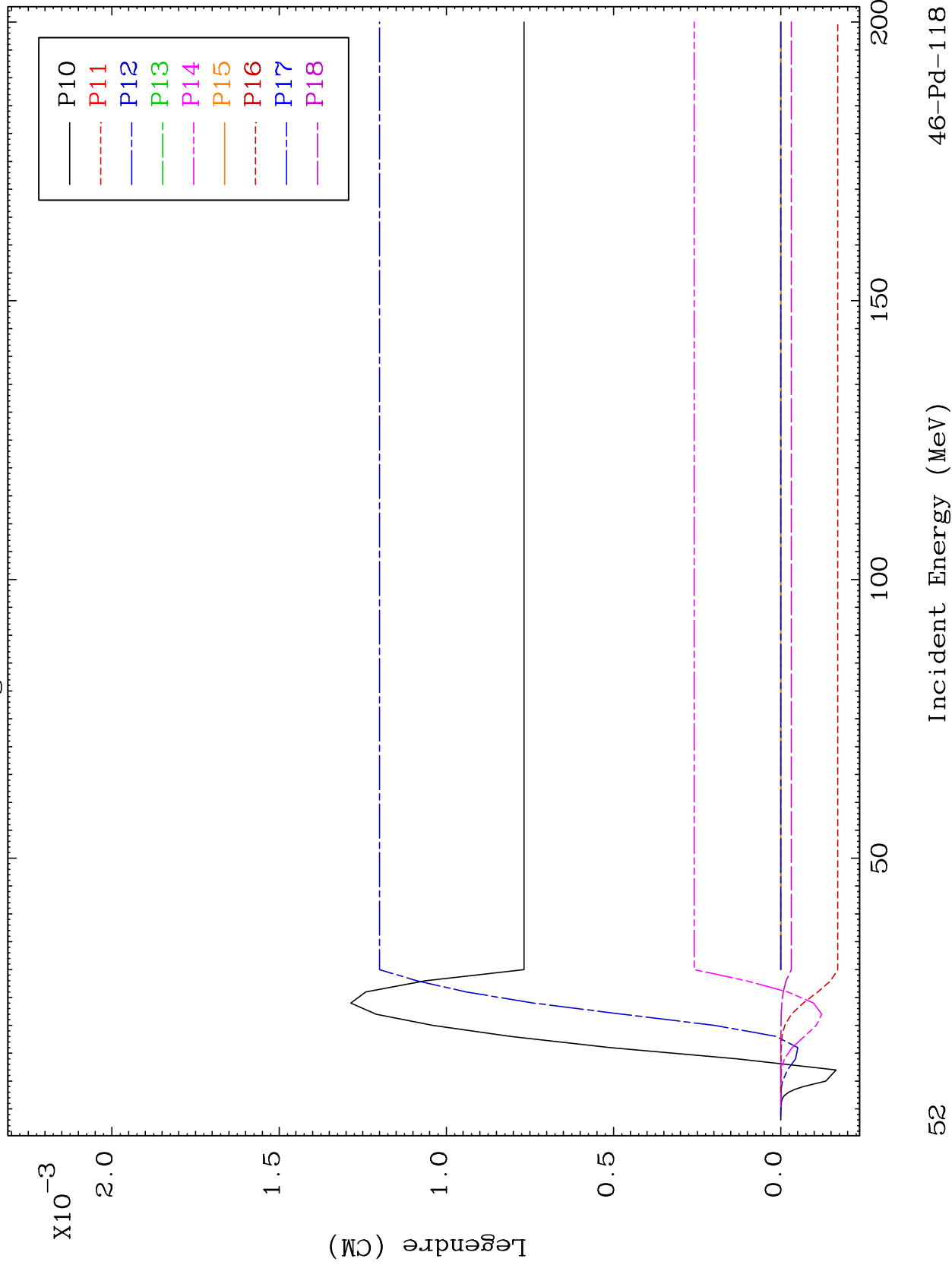
Incident Energy (MeV)

46-Pd-118

MAT 4673

1.871 MeV (n,n') Level
Legendre Coefficients

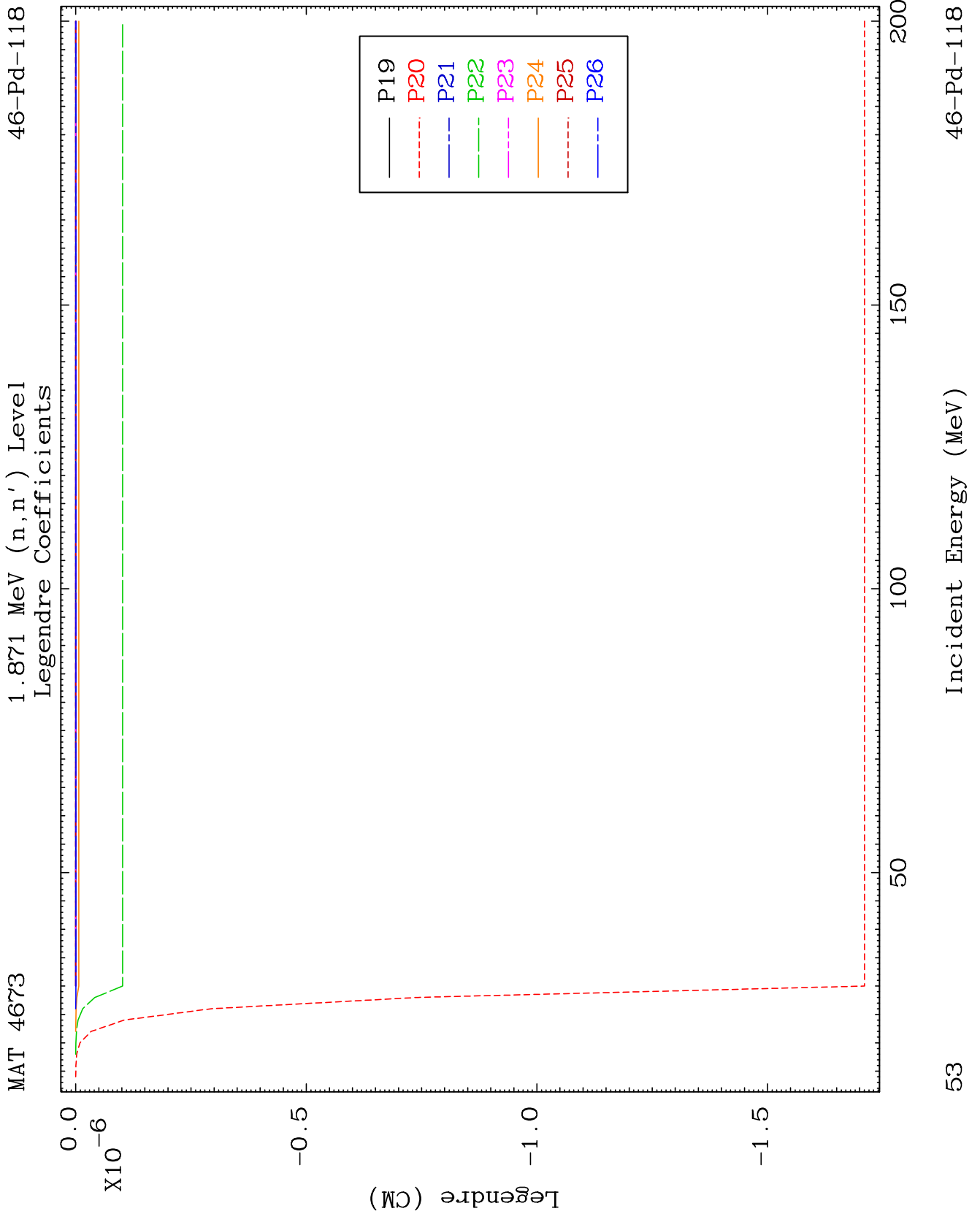
46-Pd-118



52

Incident Energy (MeV)

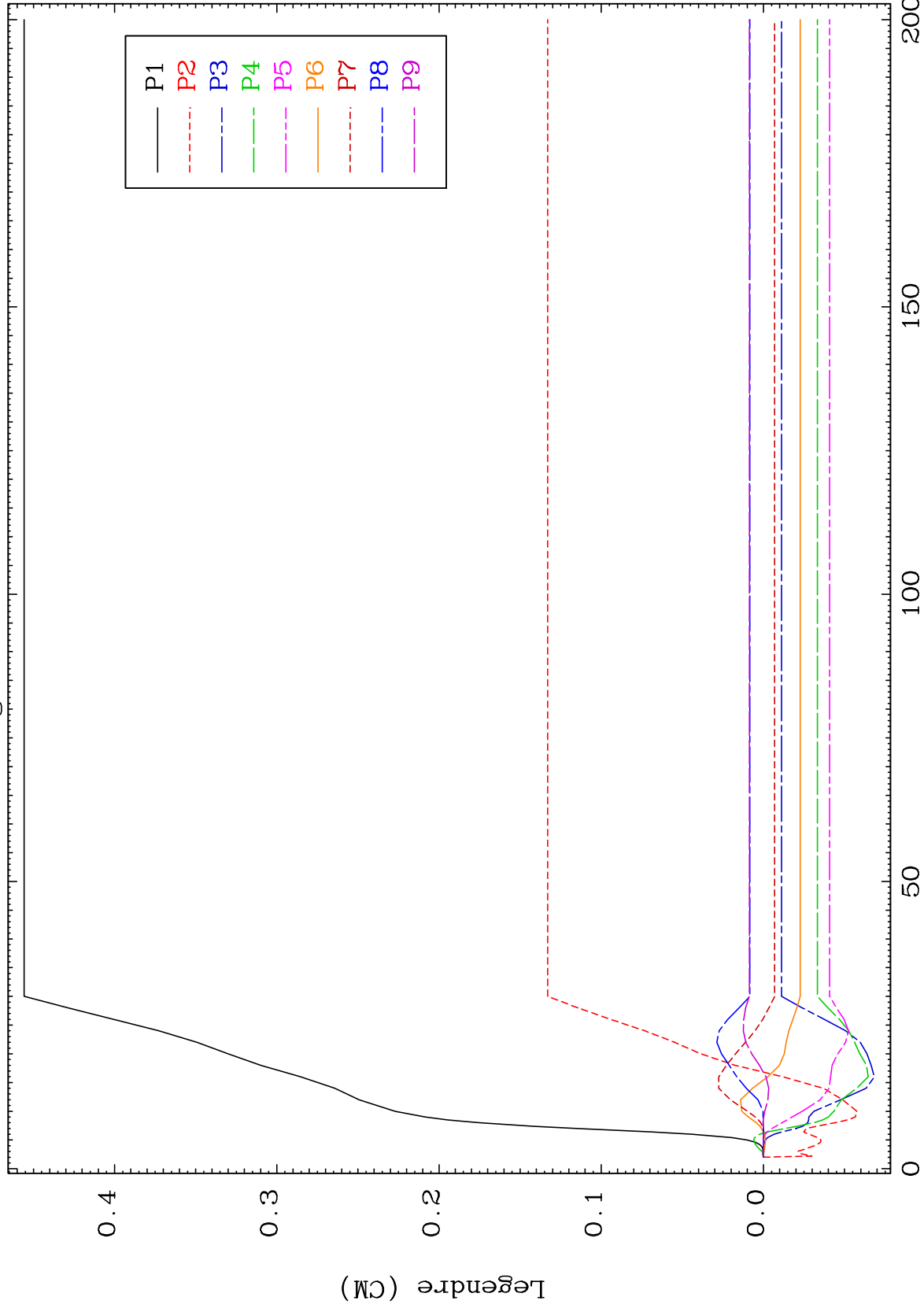
46-Pd-118



MAT 4673

1.990 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



54

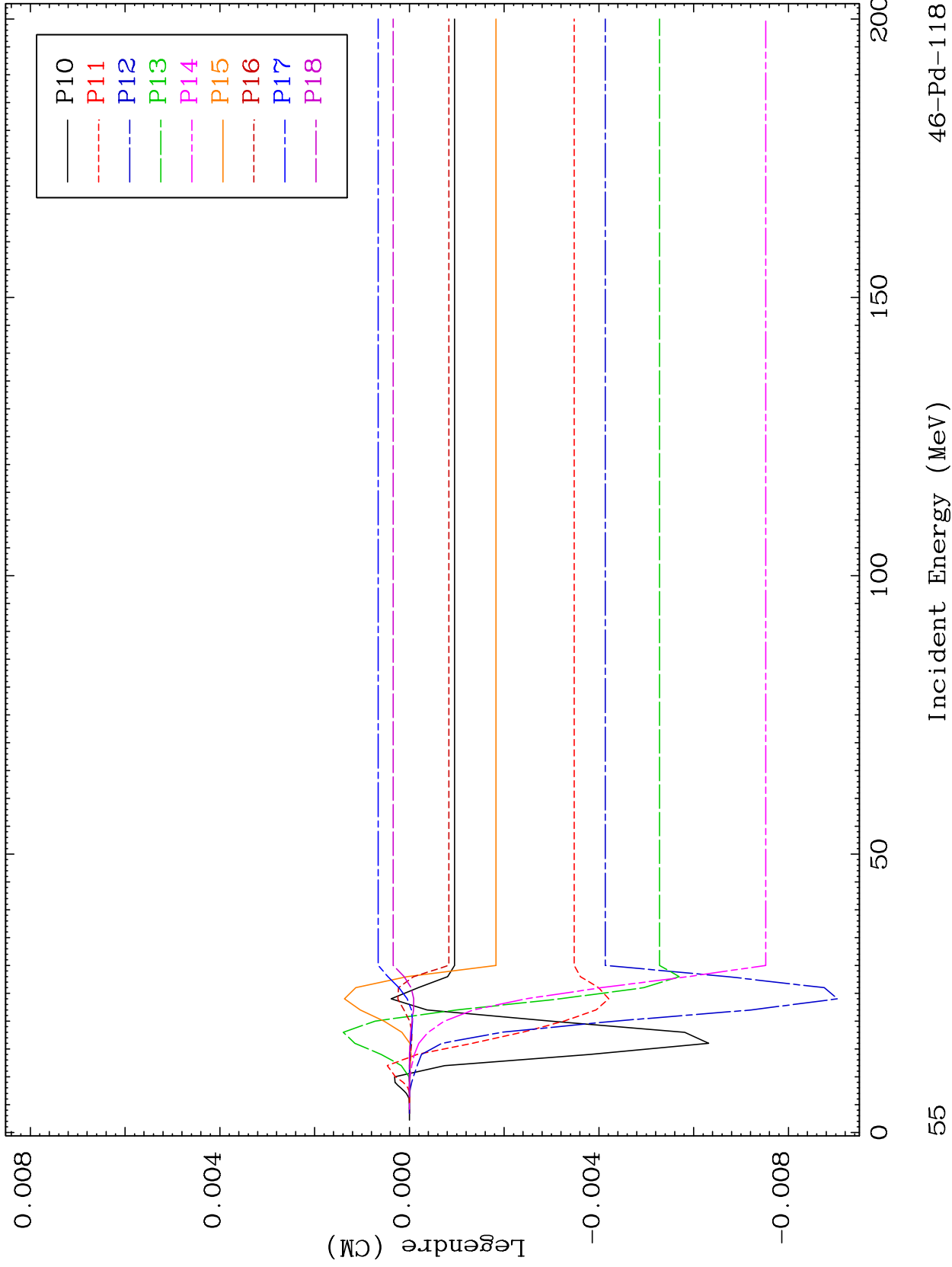
Incident Energy (MeV)

46-Pd-118

MAT 4673

1.990 MeV (n,n') Level
Legendre Coefficients

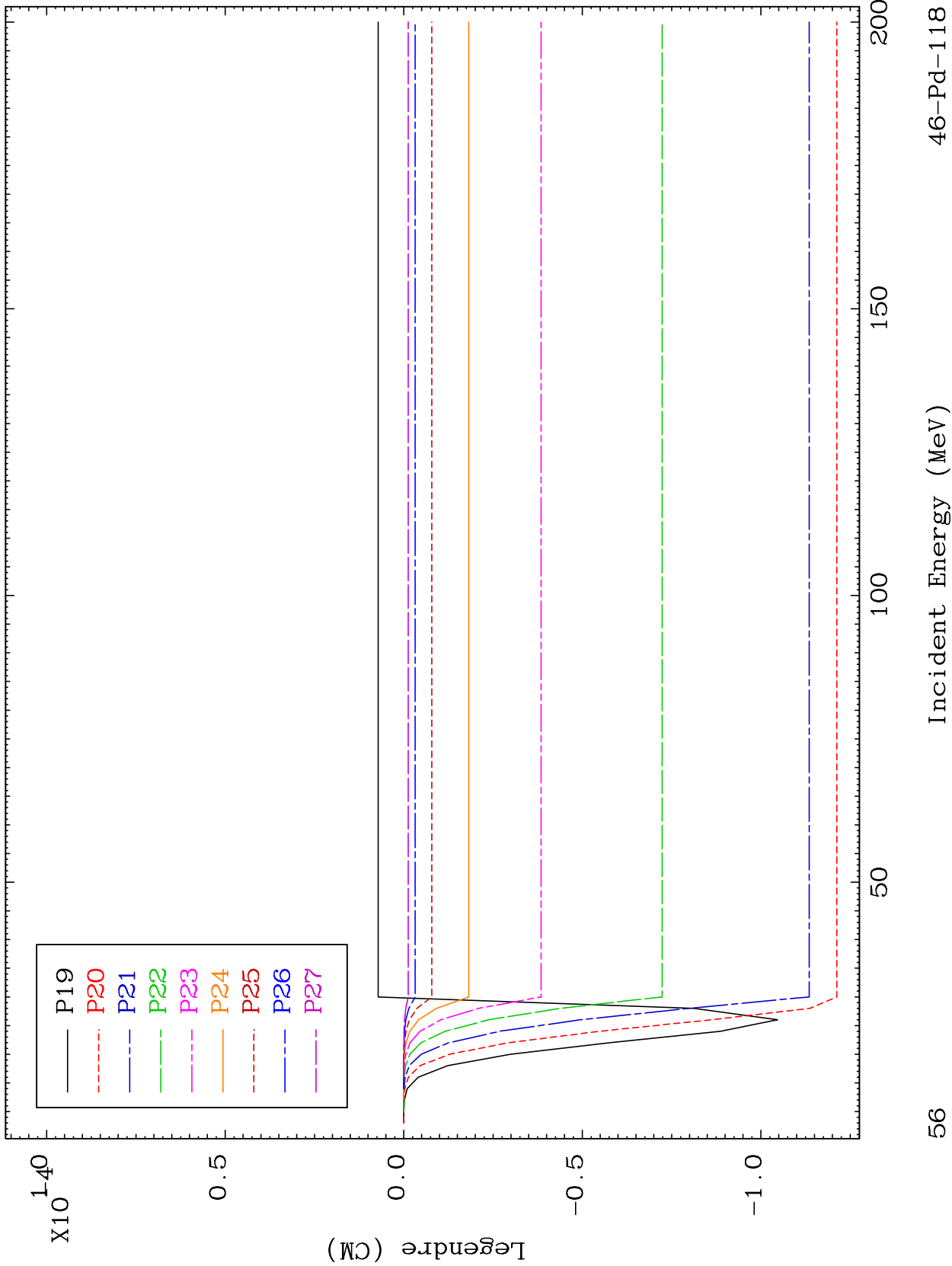
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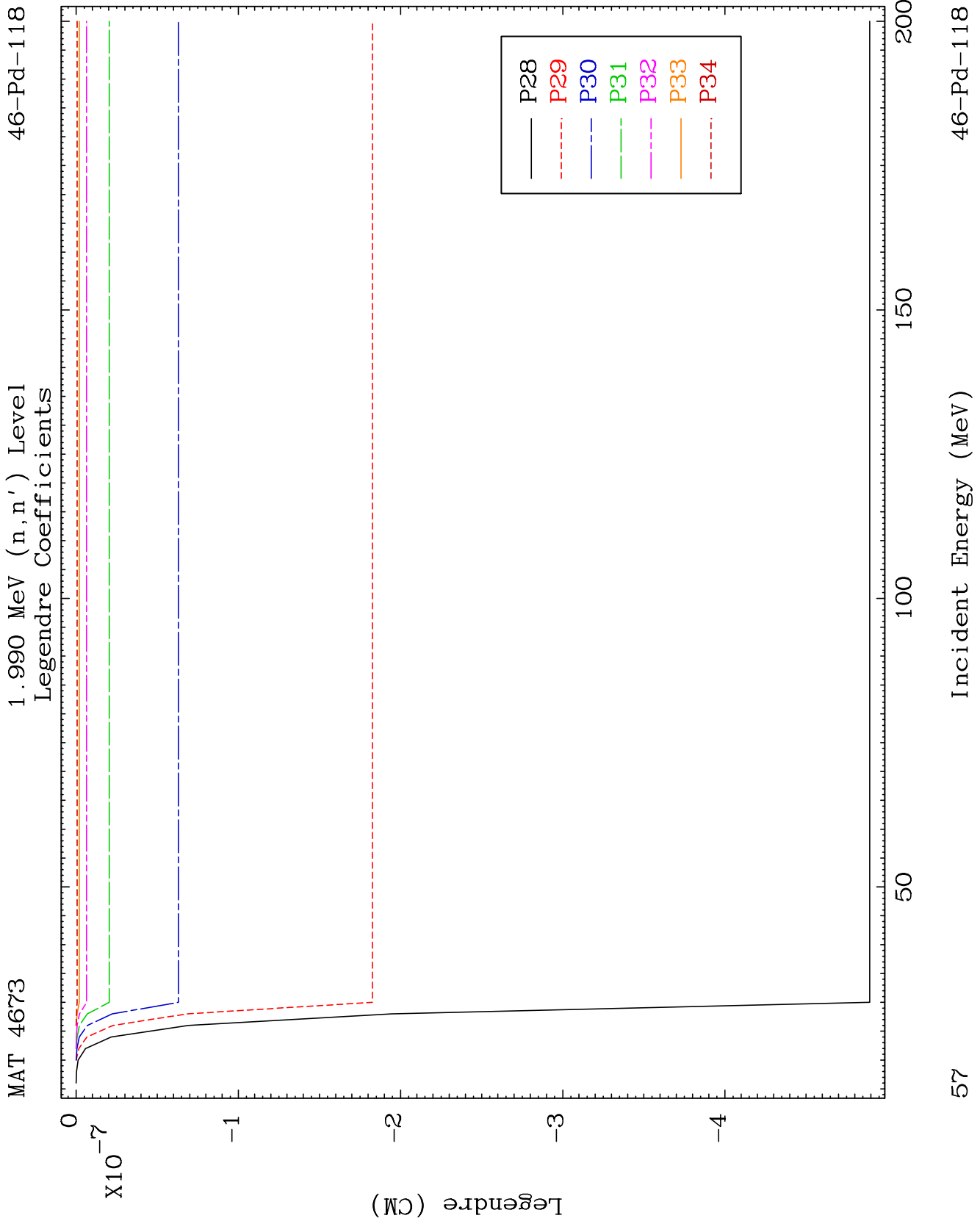


46-Pd-118

Incident Energy (MeV)

55

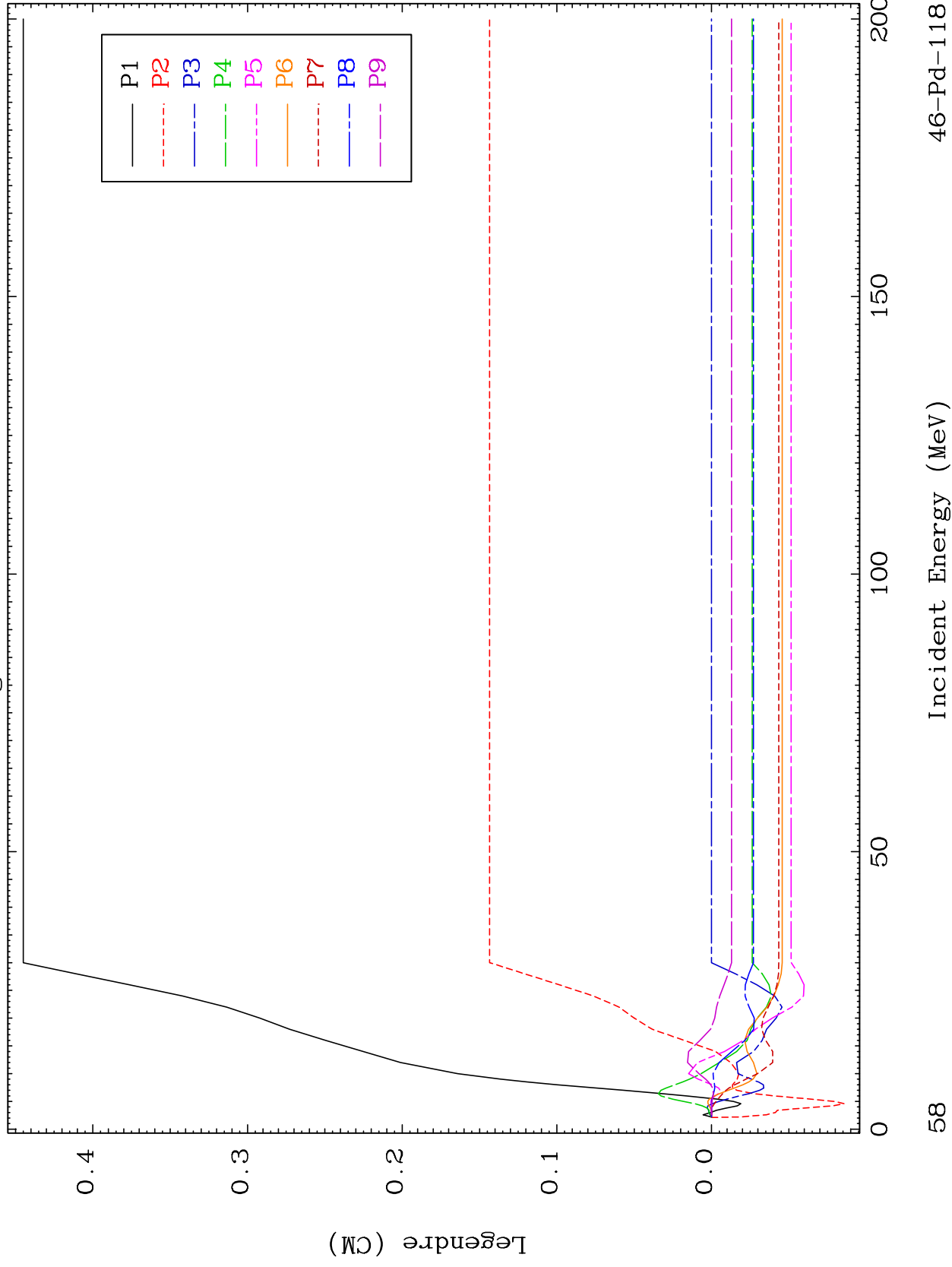




MAT 4673

2.083 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



46-Pd-118

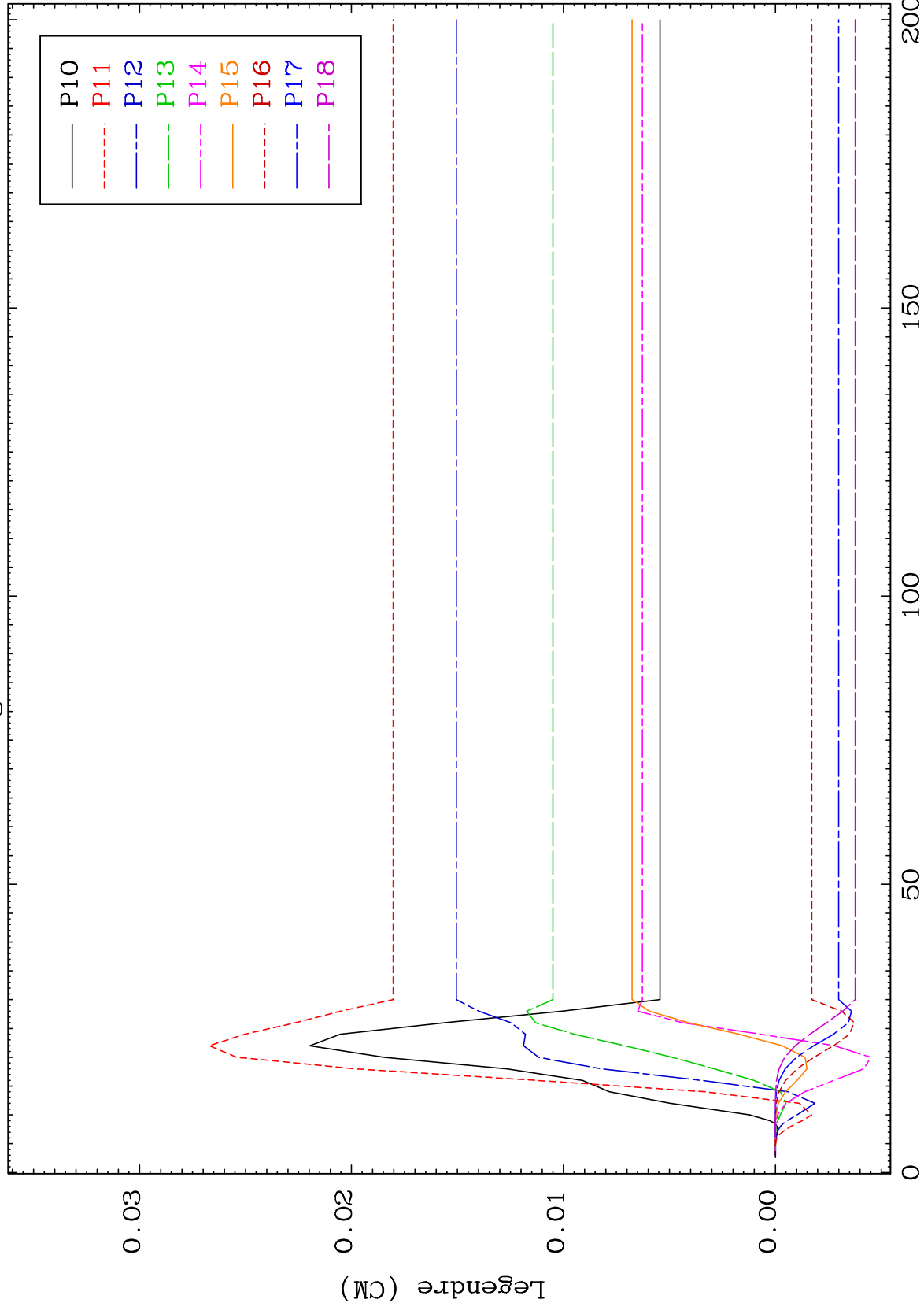
Incident Energy (MeV)

58

MAT 4673

2.083 MeV (n,n') Level
Legendre Coefficients

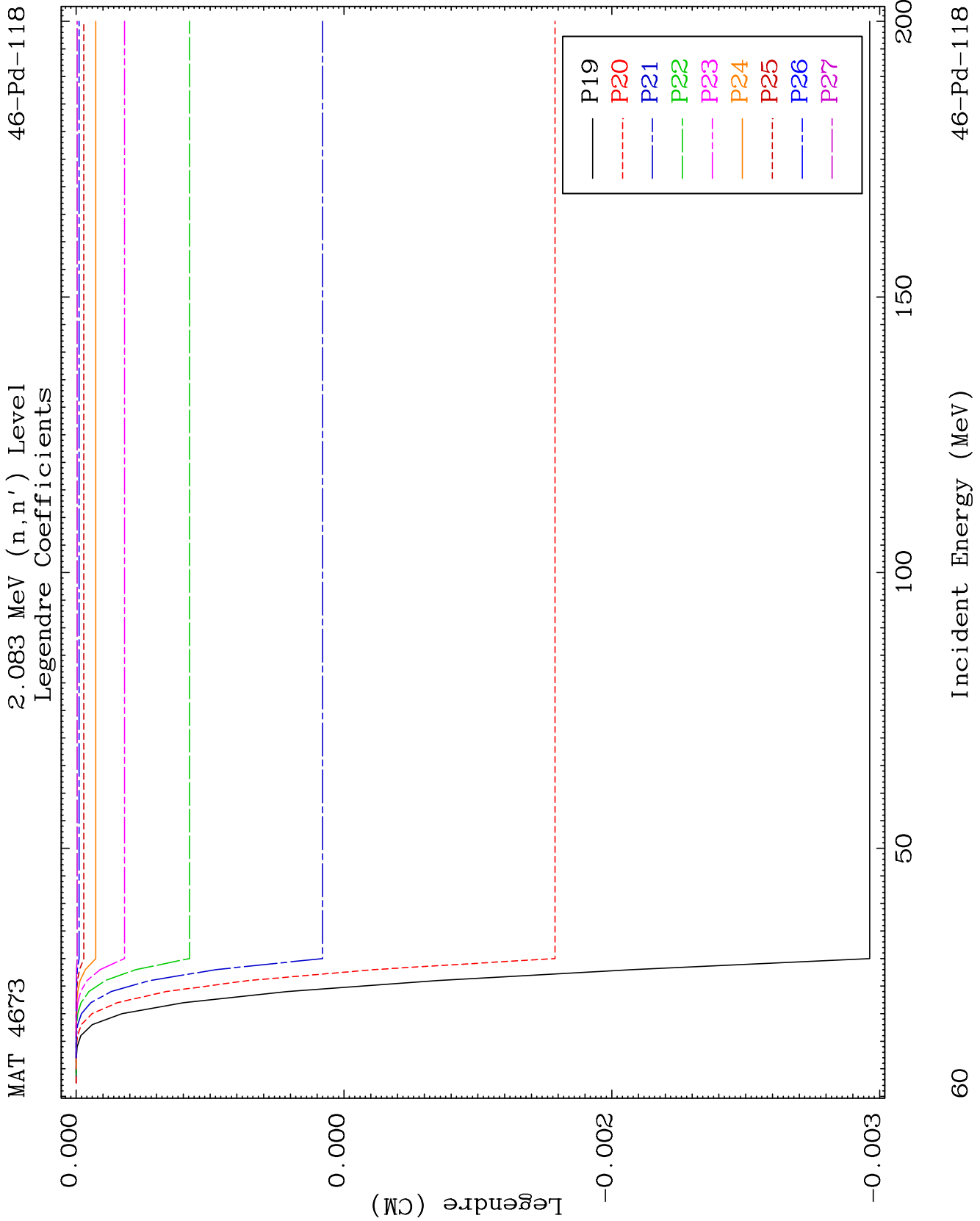
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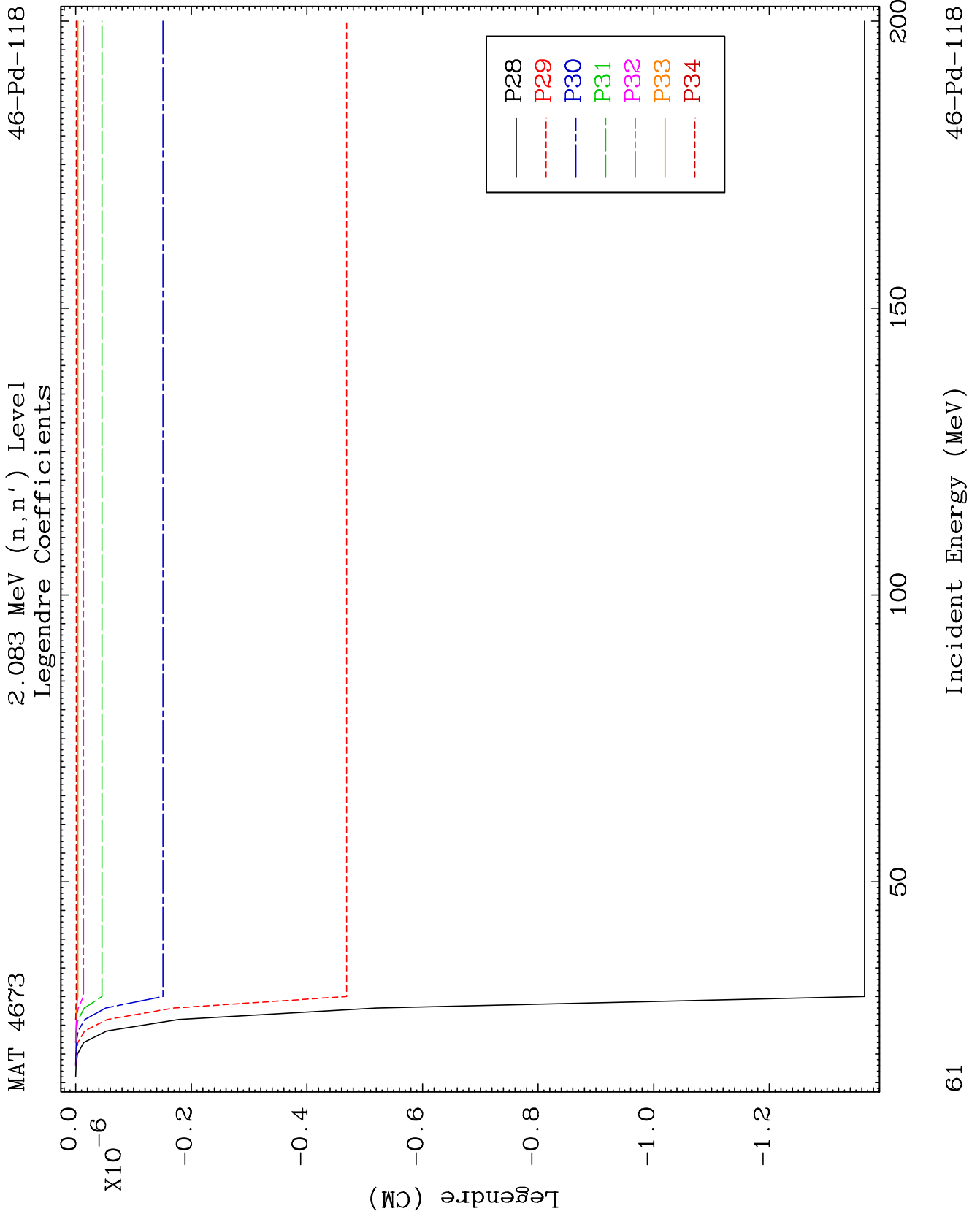


59

Incident Energy (MeV)

46-Pd-118

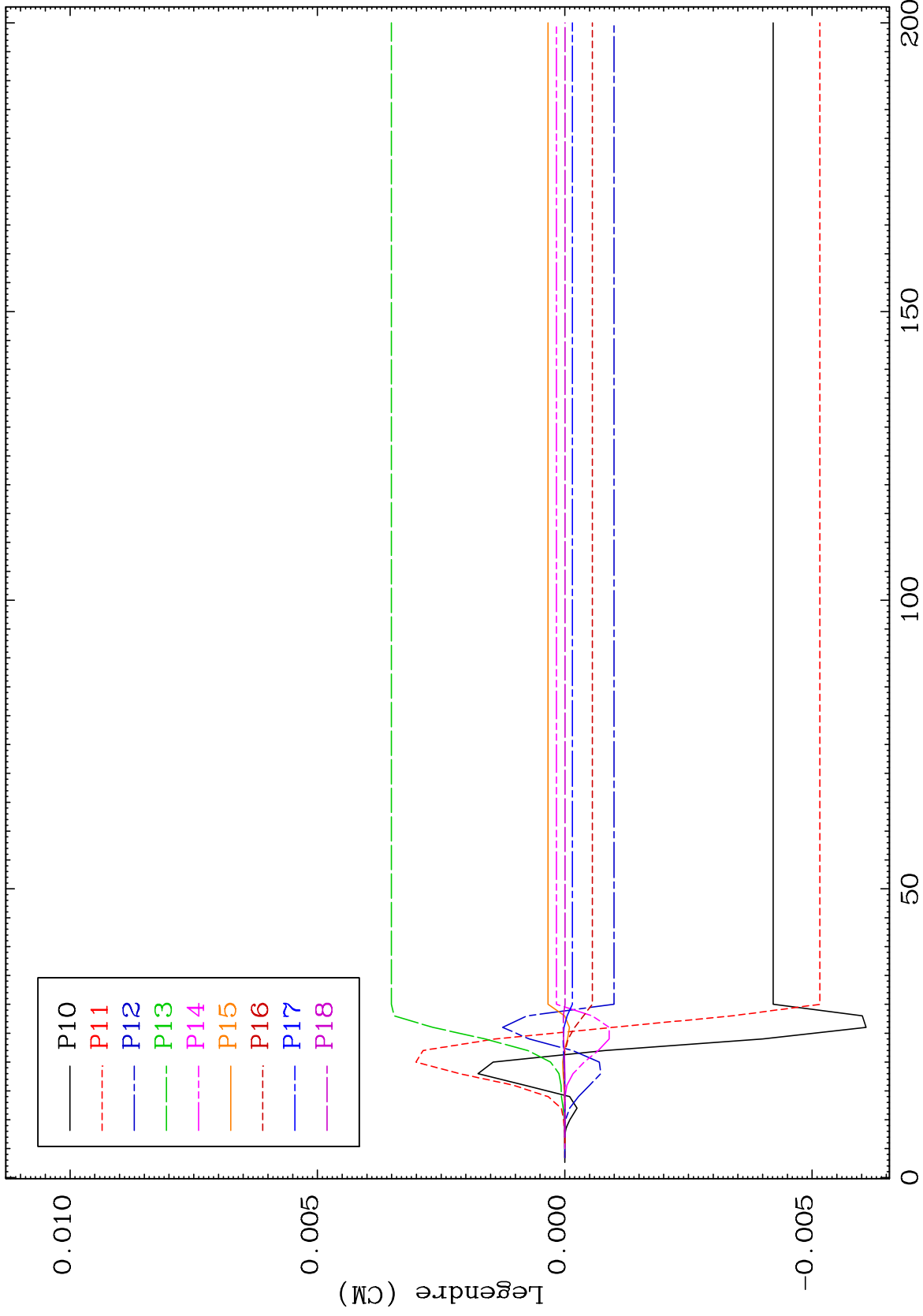




MAT 4673

2.480 MeV (n,n') Level
Legendre Coefficients

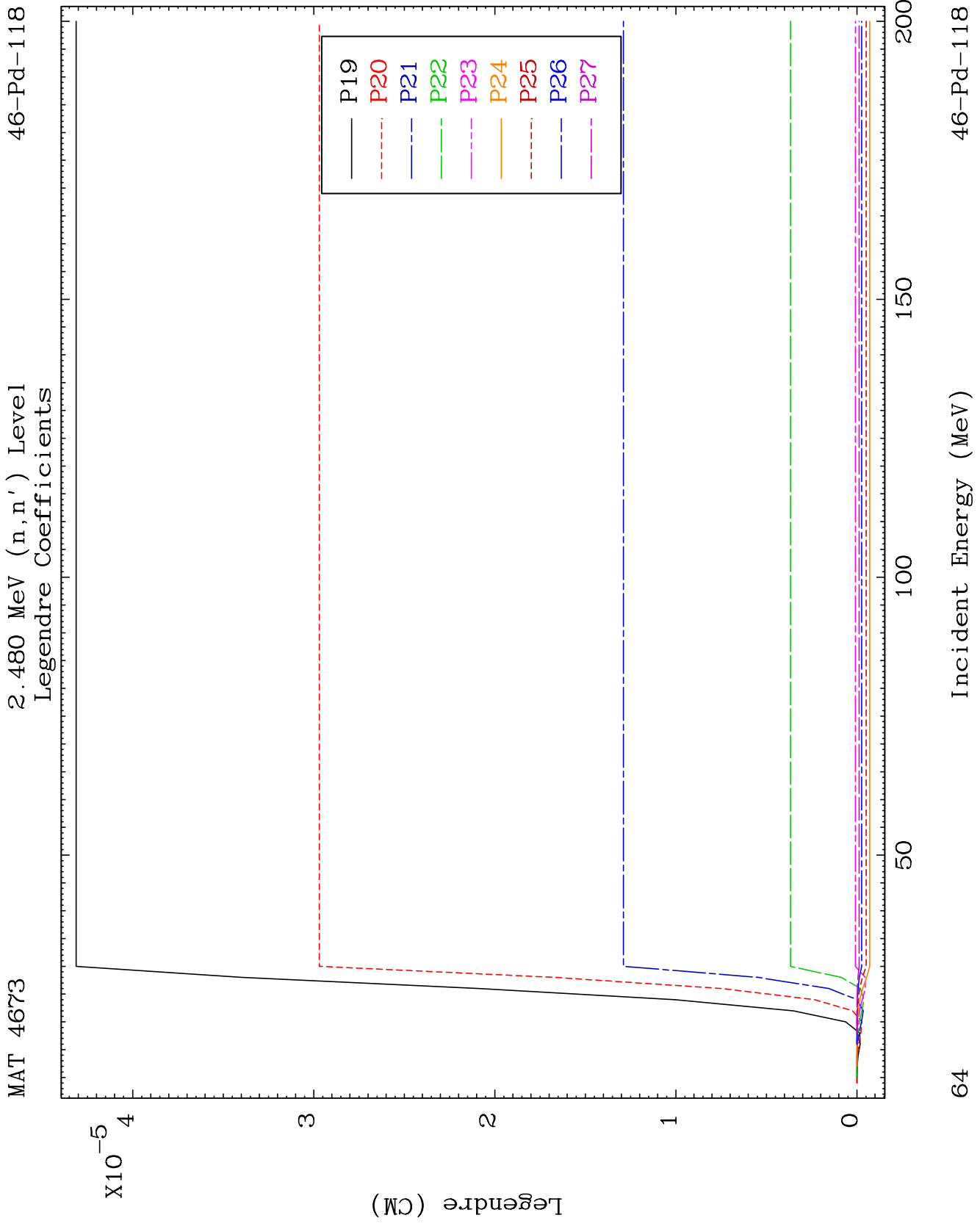
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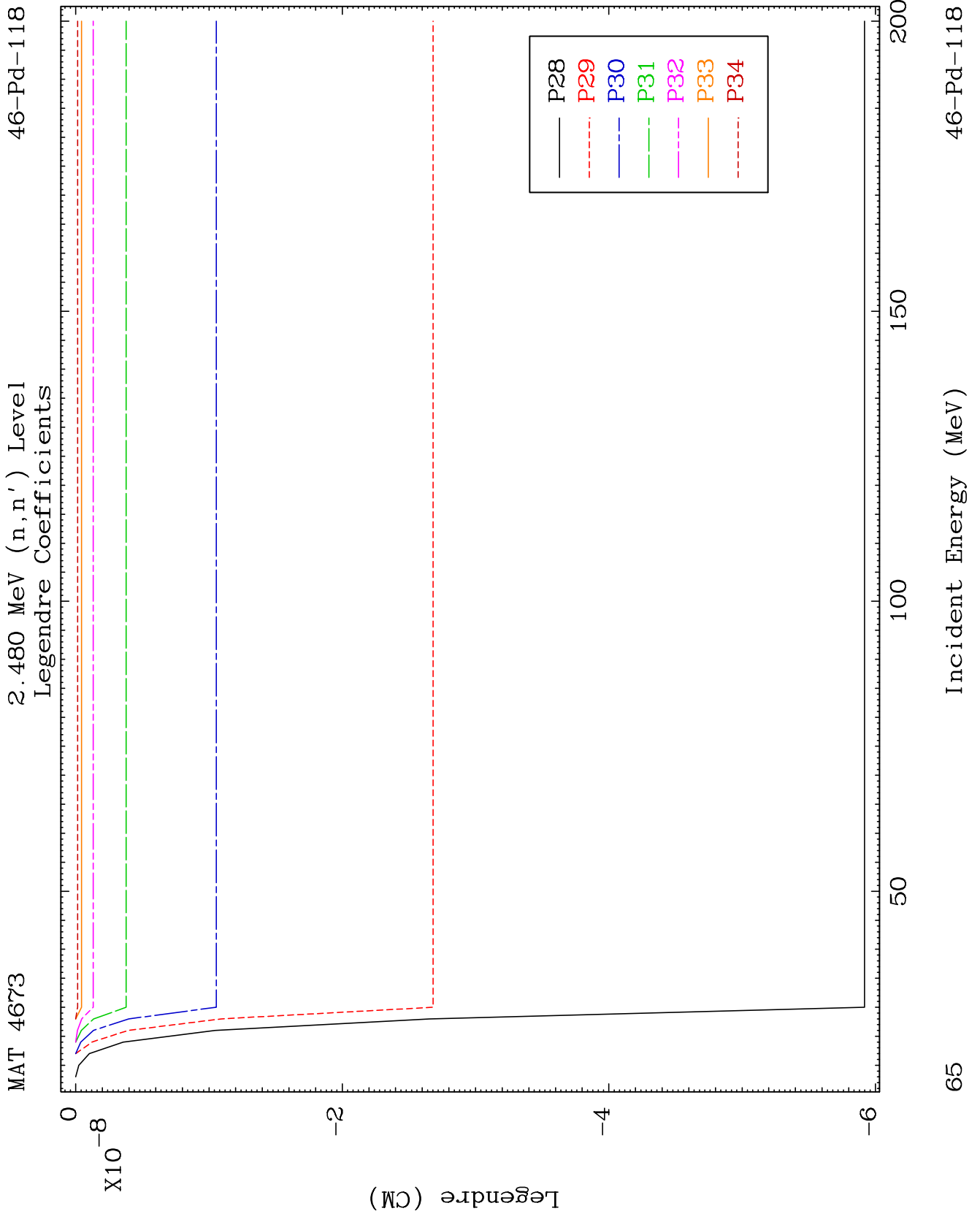


63

Incident Energy (MeV)

46-Pd-118

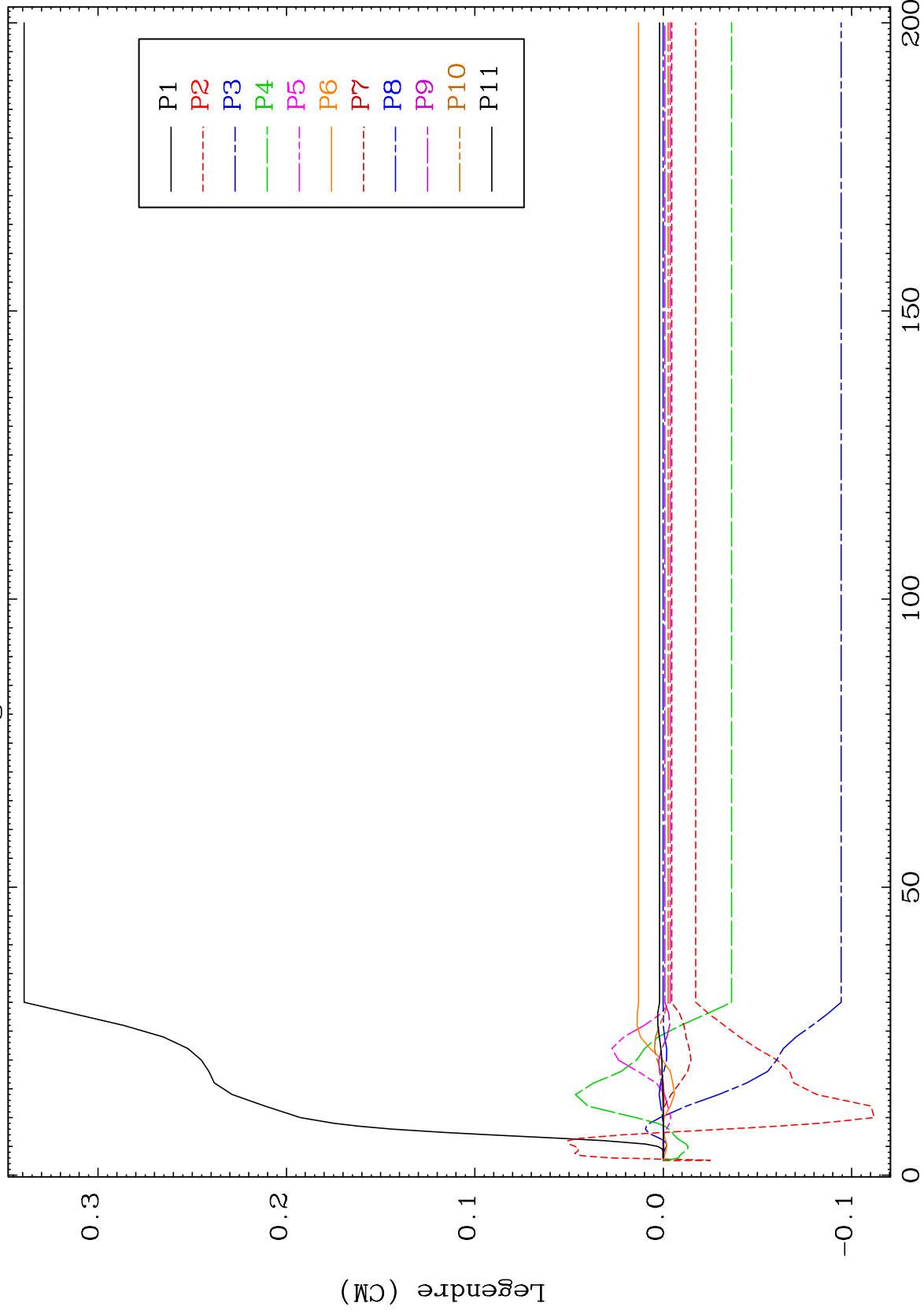




MAT 4673

2.493 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



66

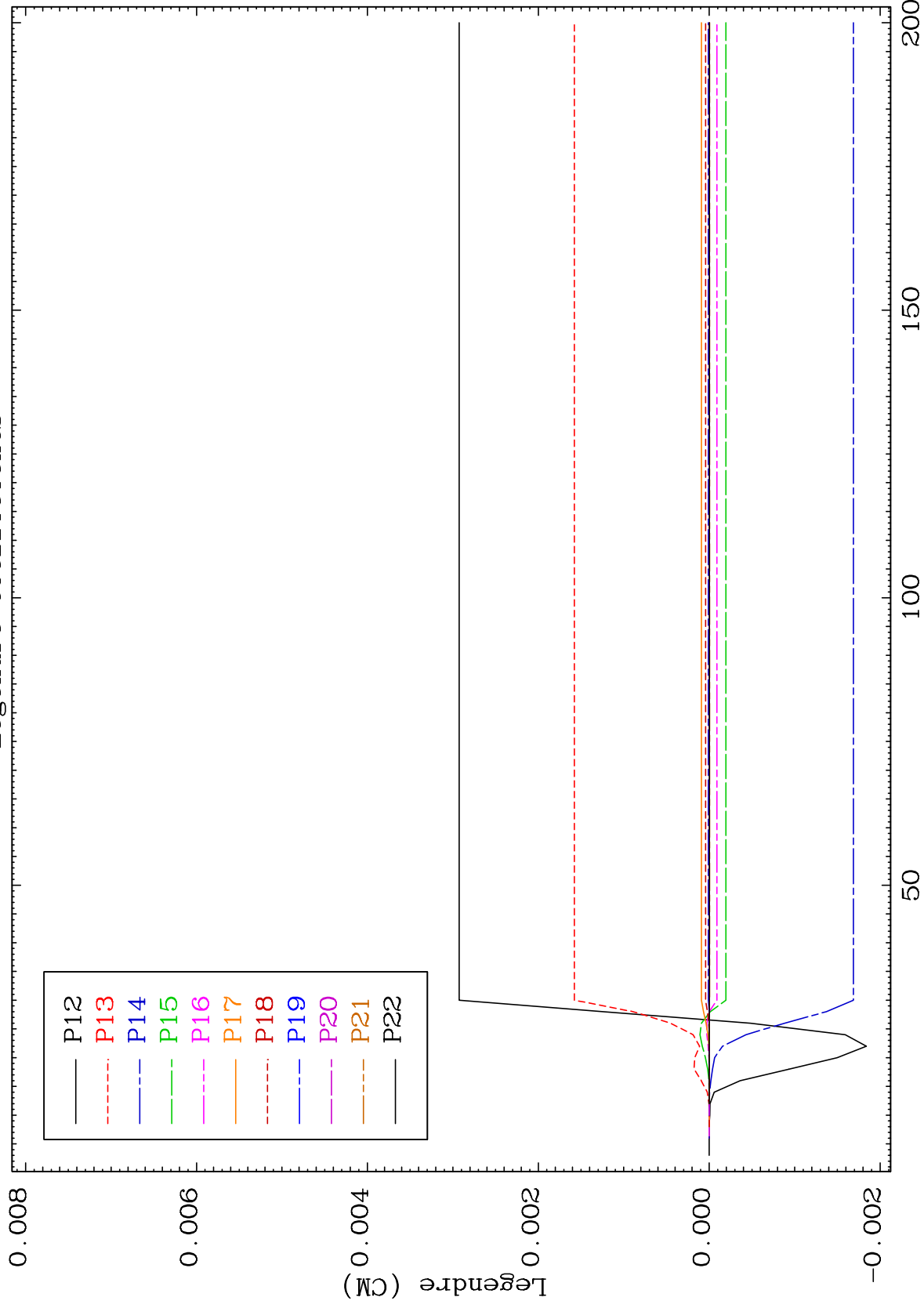
Incident Energy (MeV)

46-Pd-118

MAT 4673

2.493 MeV (n,n') Level
Legendre Coefficients

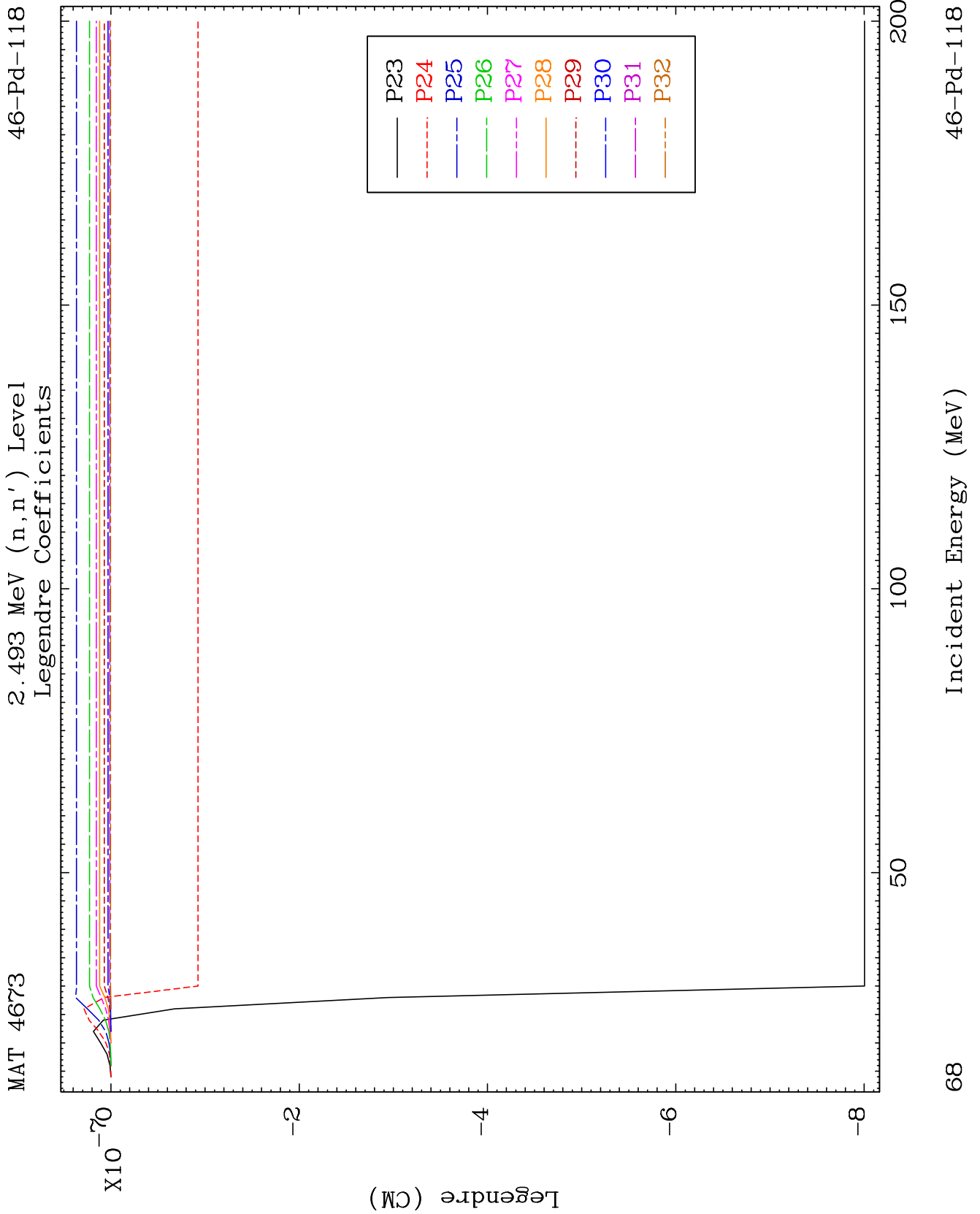
46-Pd-118



67

Incident Energy (MeV)

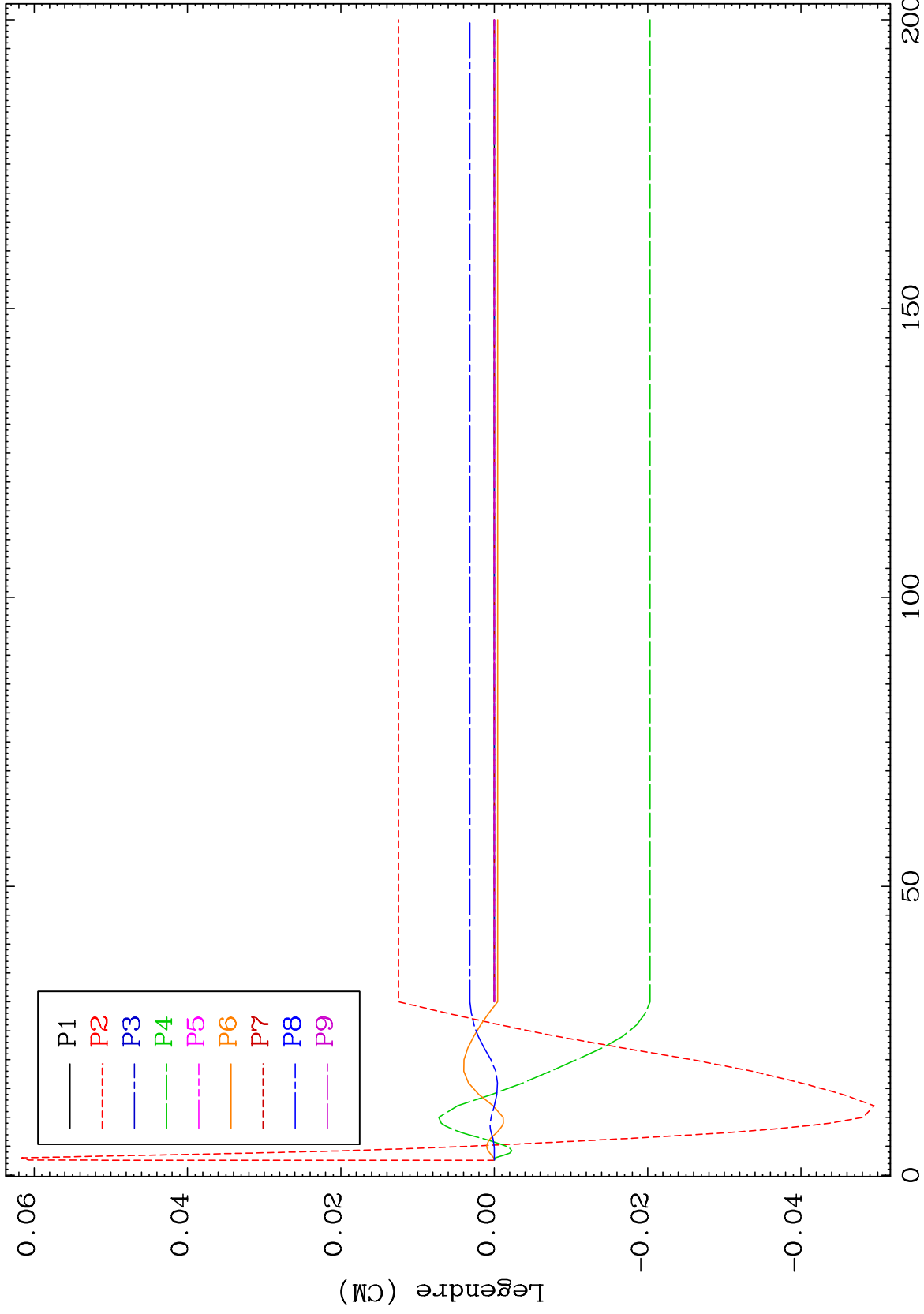
46-Pd-118



MAT 4673

2.543 MeV (n, n') Level
Legendre Coefficients

46-Pd-118



69

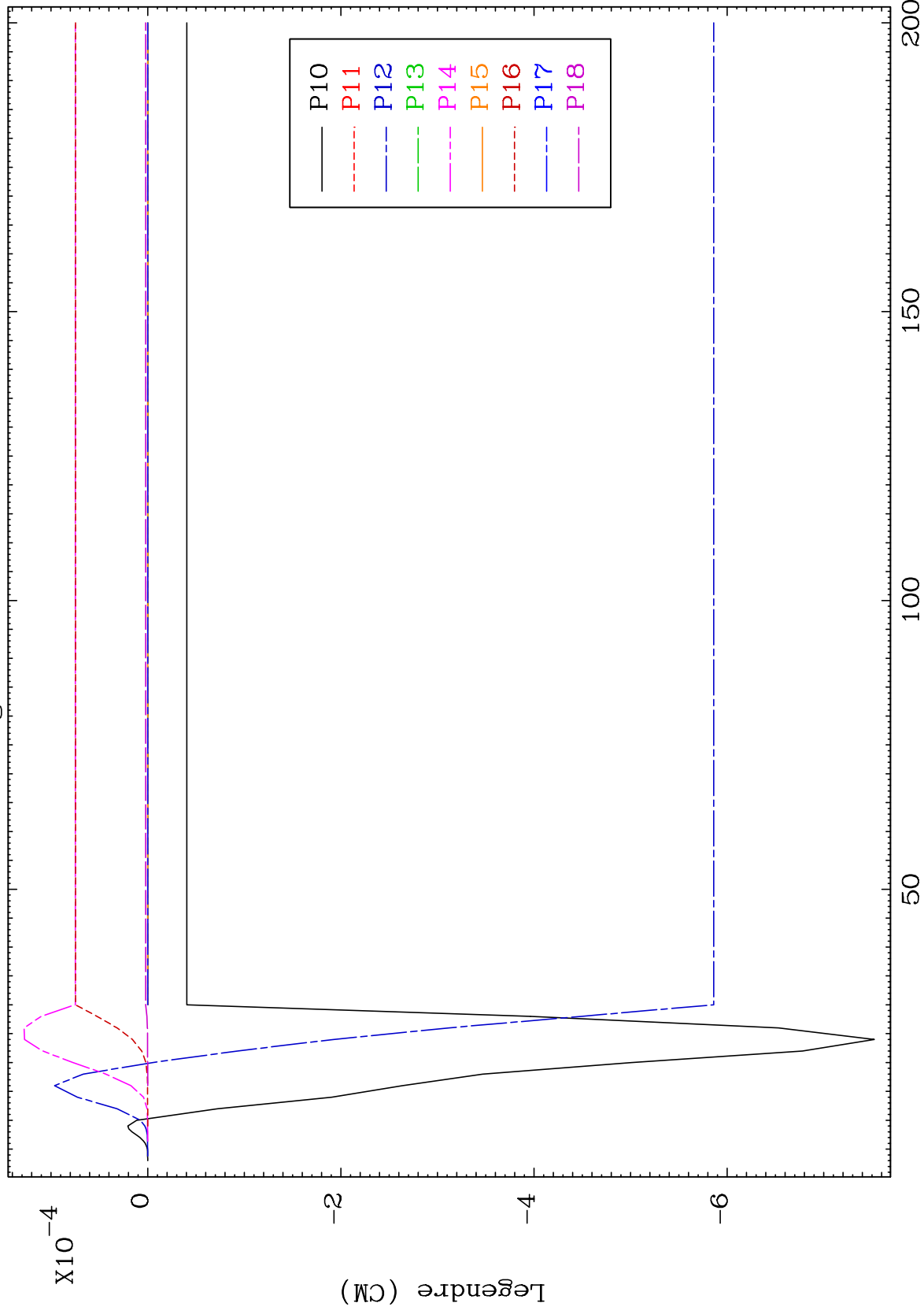
Incident Energy (MeV)

46-Pd-118

MAT 4673

2.543 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



70

Incident Energy (MeV)

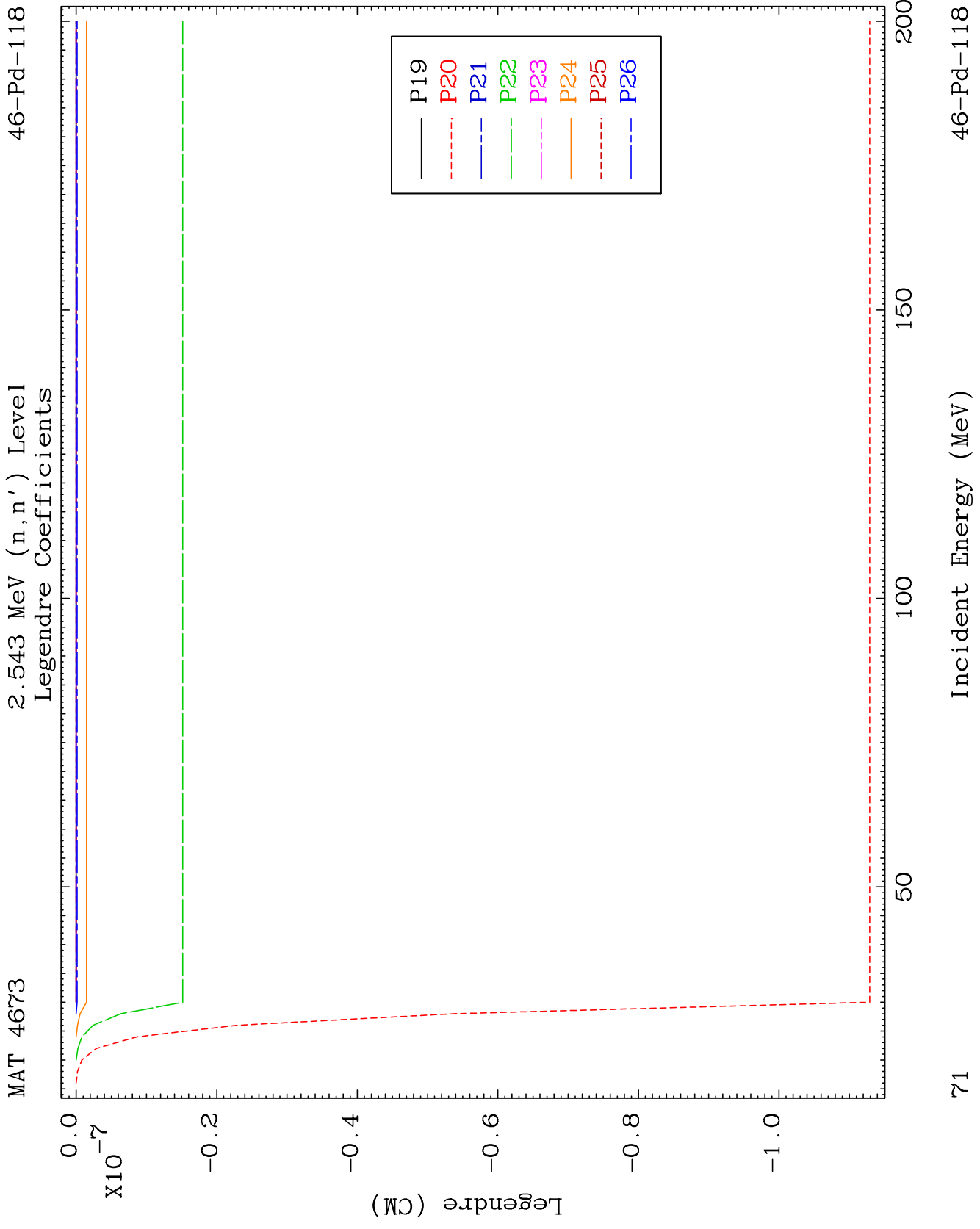
50

100

150

200

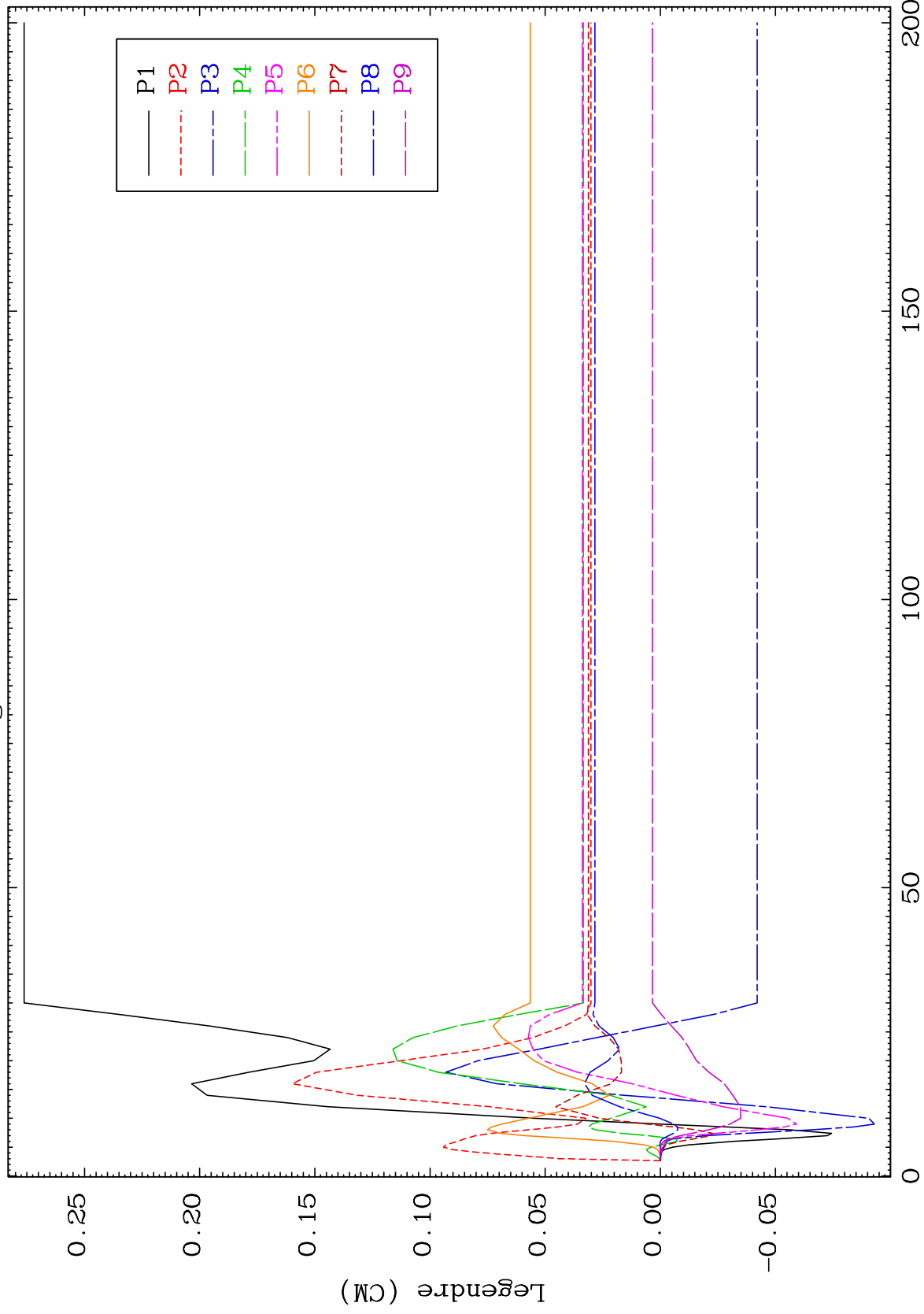
46-Pd-118



MAT 4673

2.622 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



72

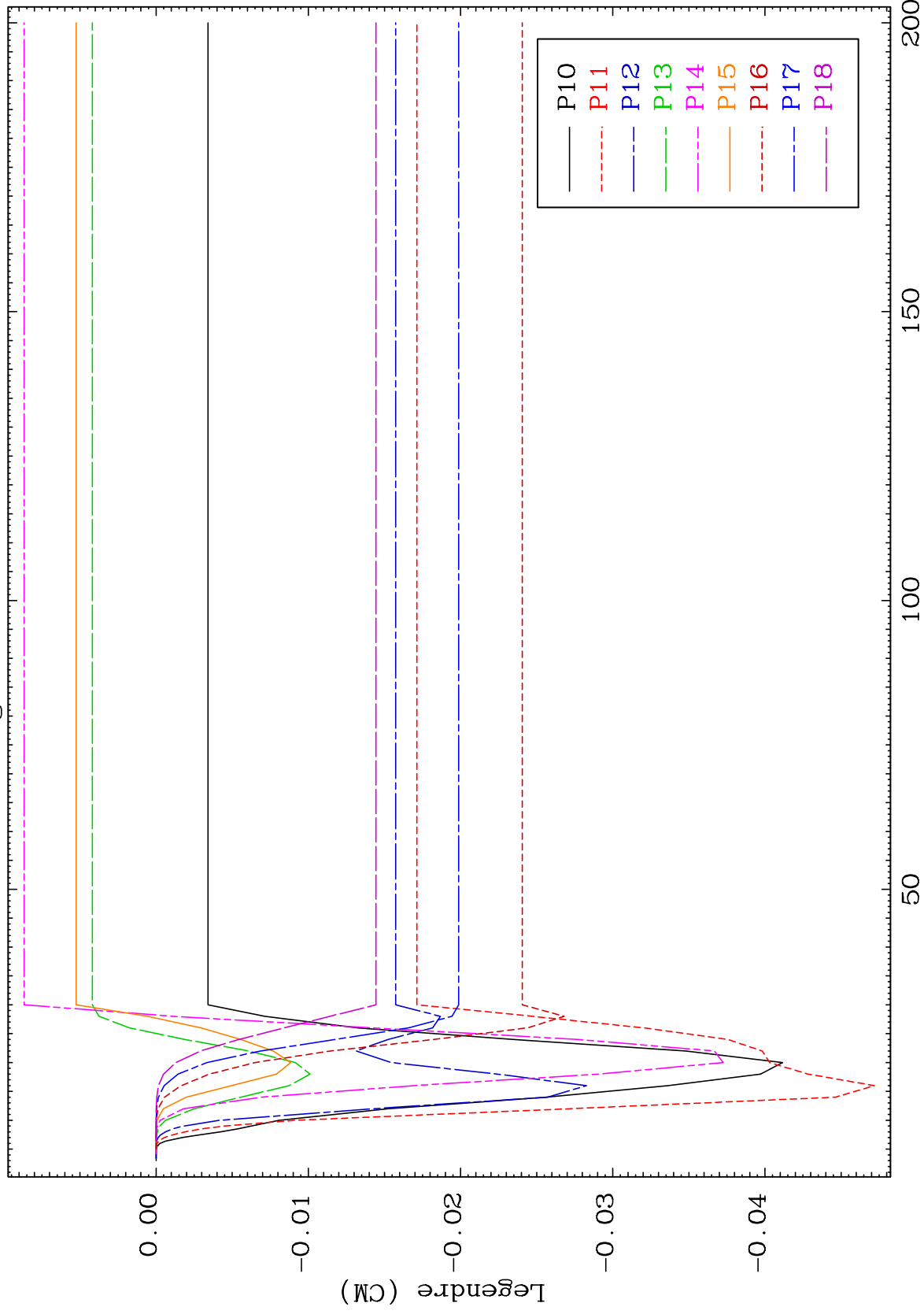
Incident Energy (MeV)

46-Pd-118

MAT 4673

2.622 MeV (n,n') Level
Legendre Coefficients

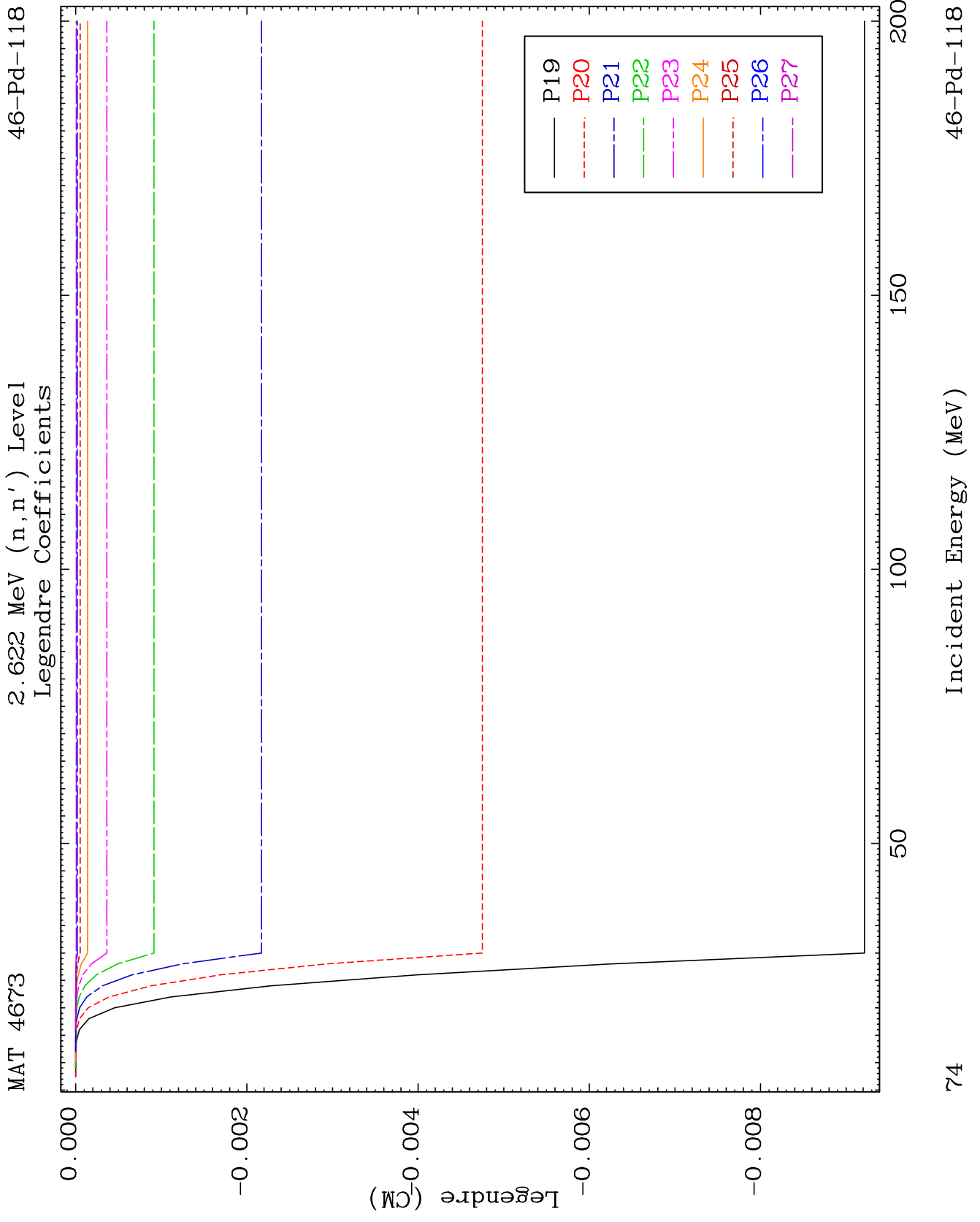
46-Pd-118

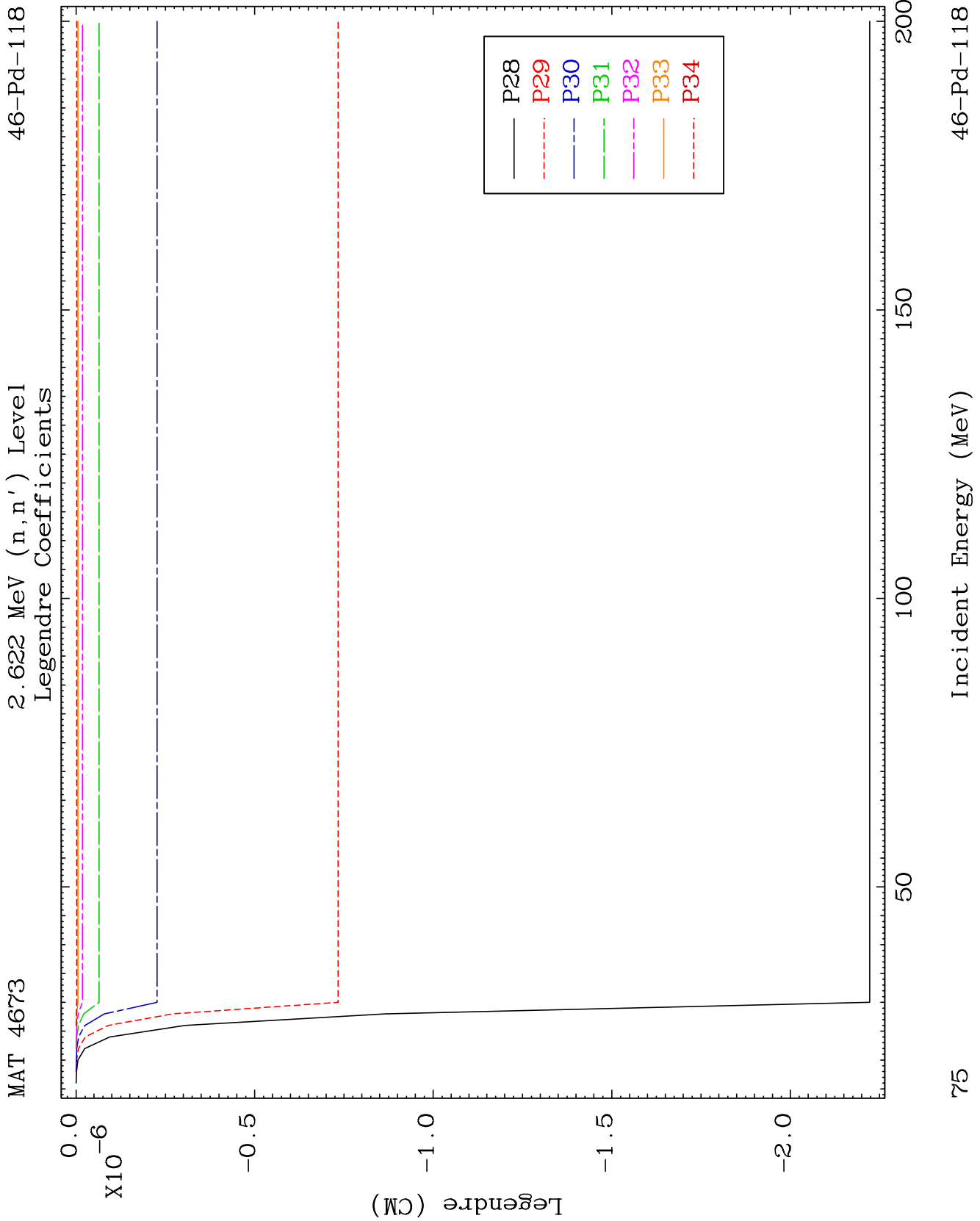


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Incident Energy (MeV)

46-Pd-118

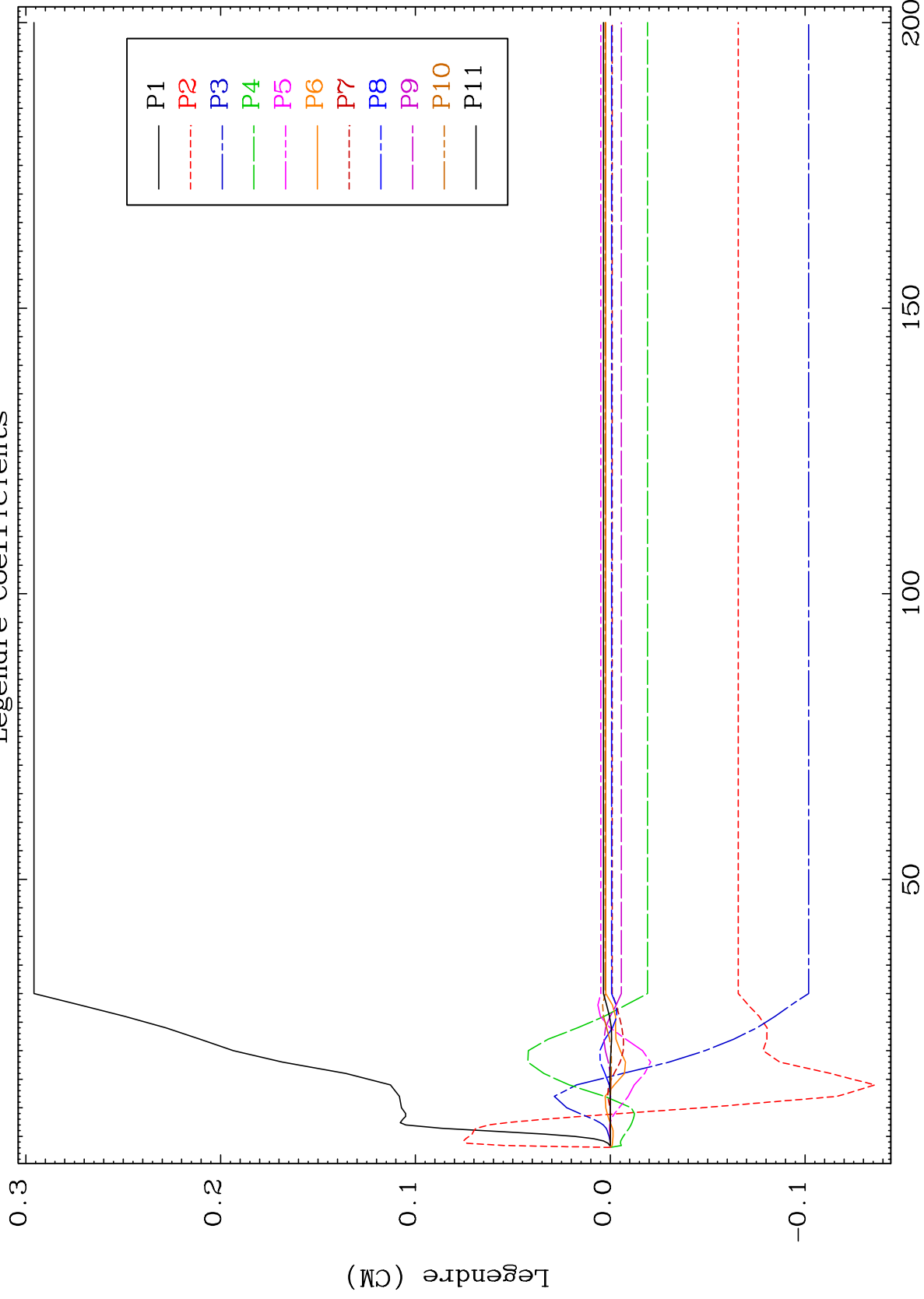




MAT 4673

3.029 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



76

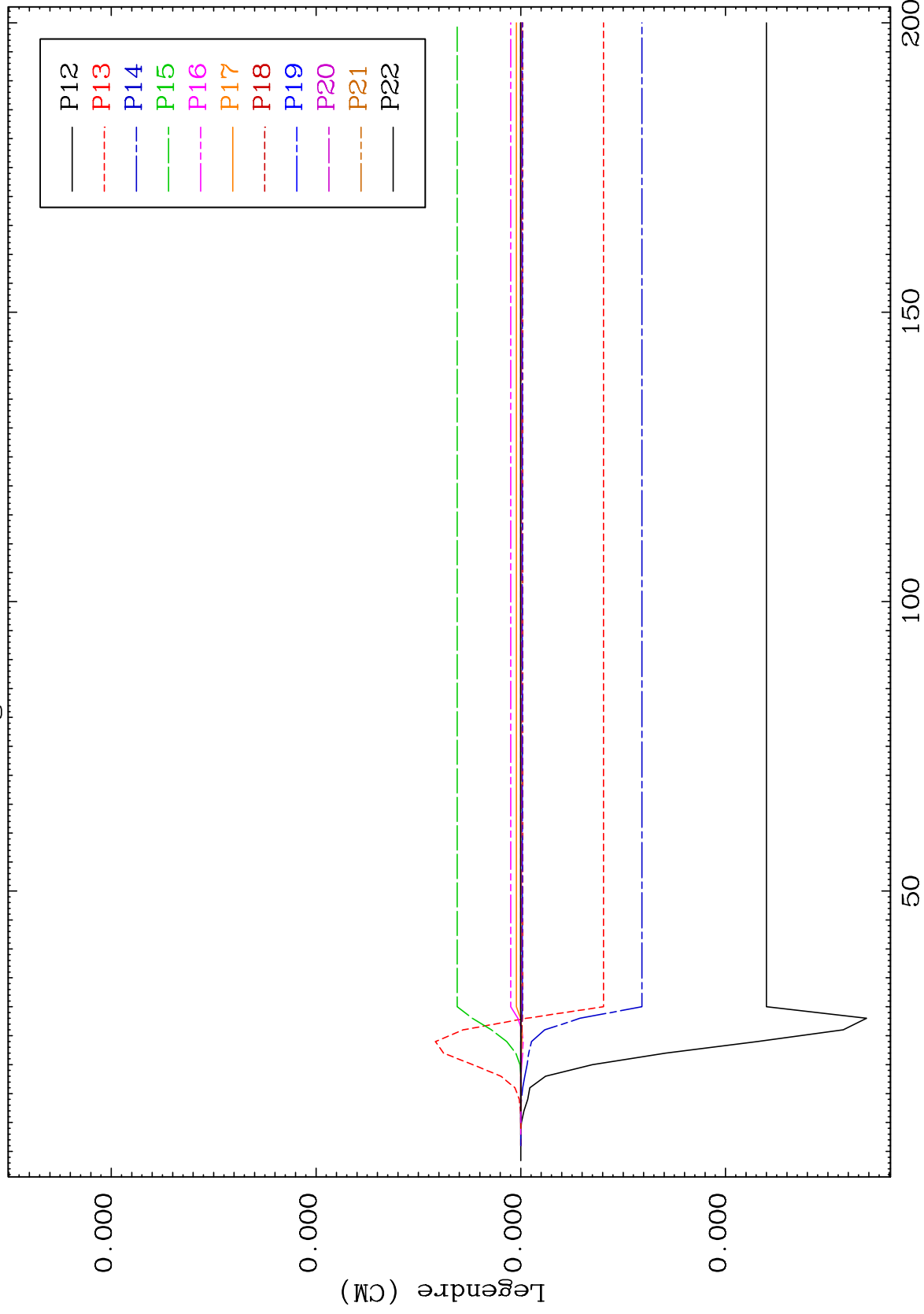
Incident Energy (MeV)

46-Pd-118

MAT 4673

3.029 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



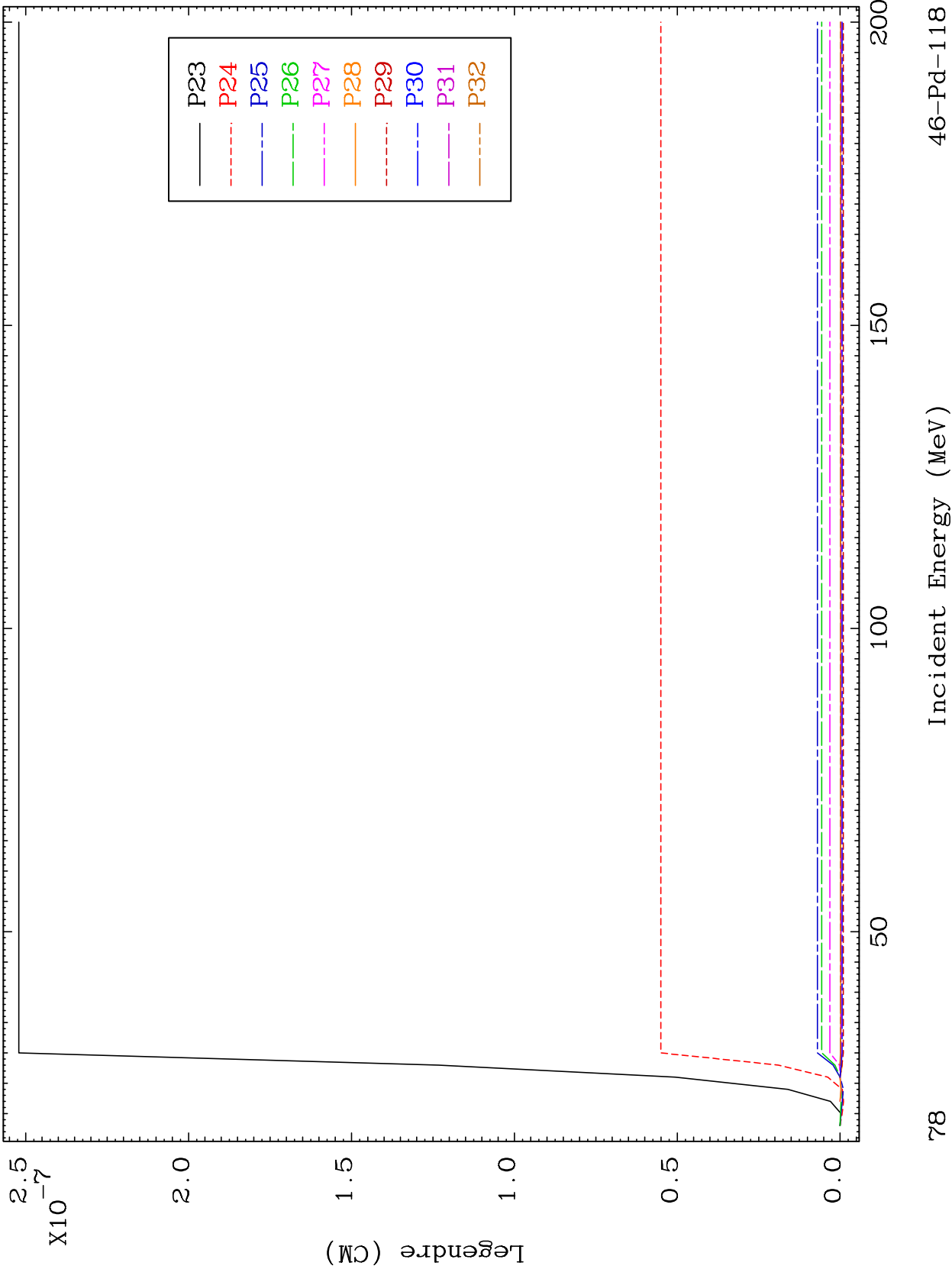
77

46-Pd-118

MAT 4673

3.029 MeV (n,n') Level
Legendre Coefficients

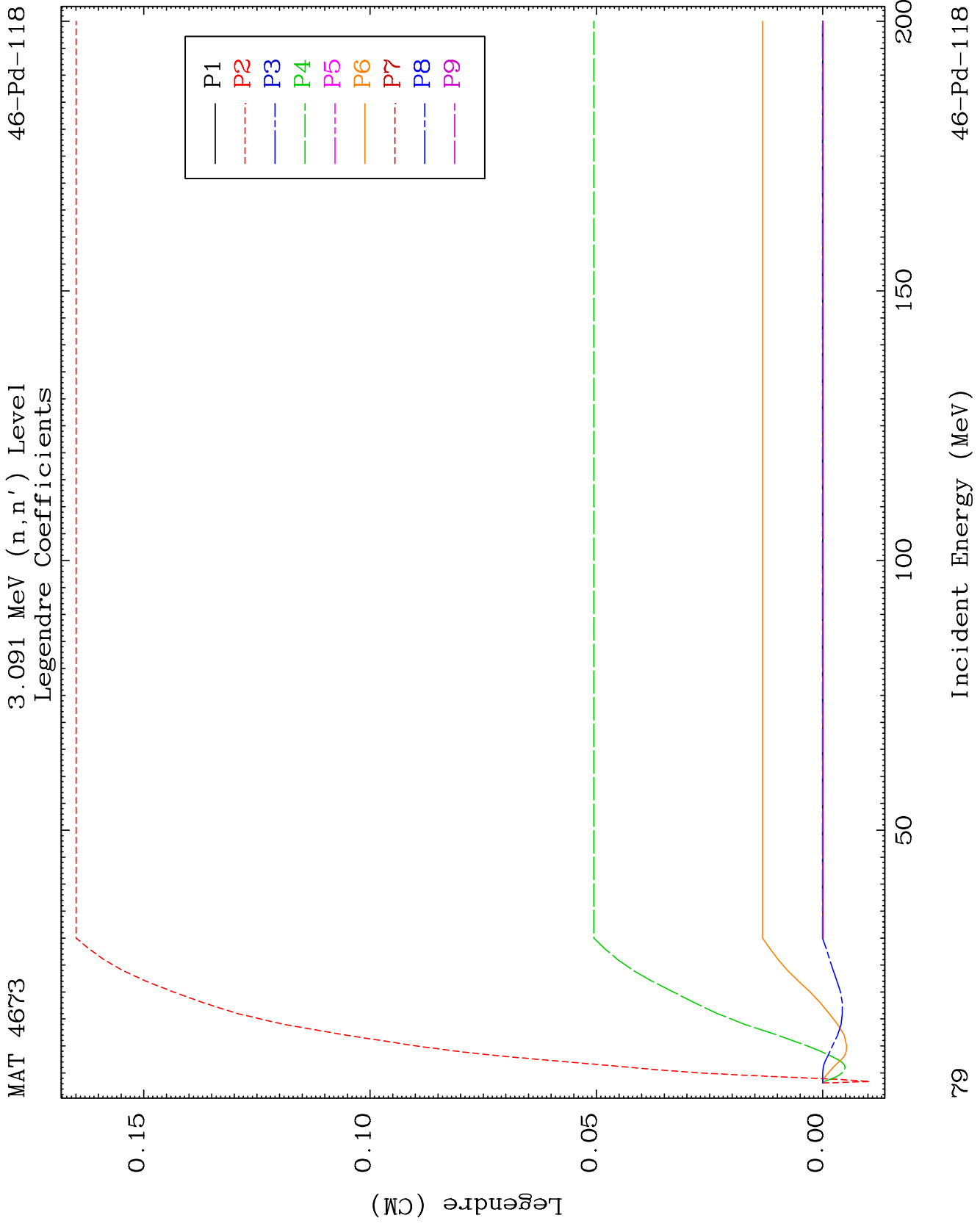
46-Pd-118

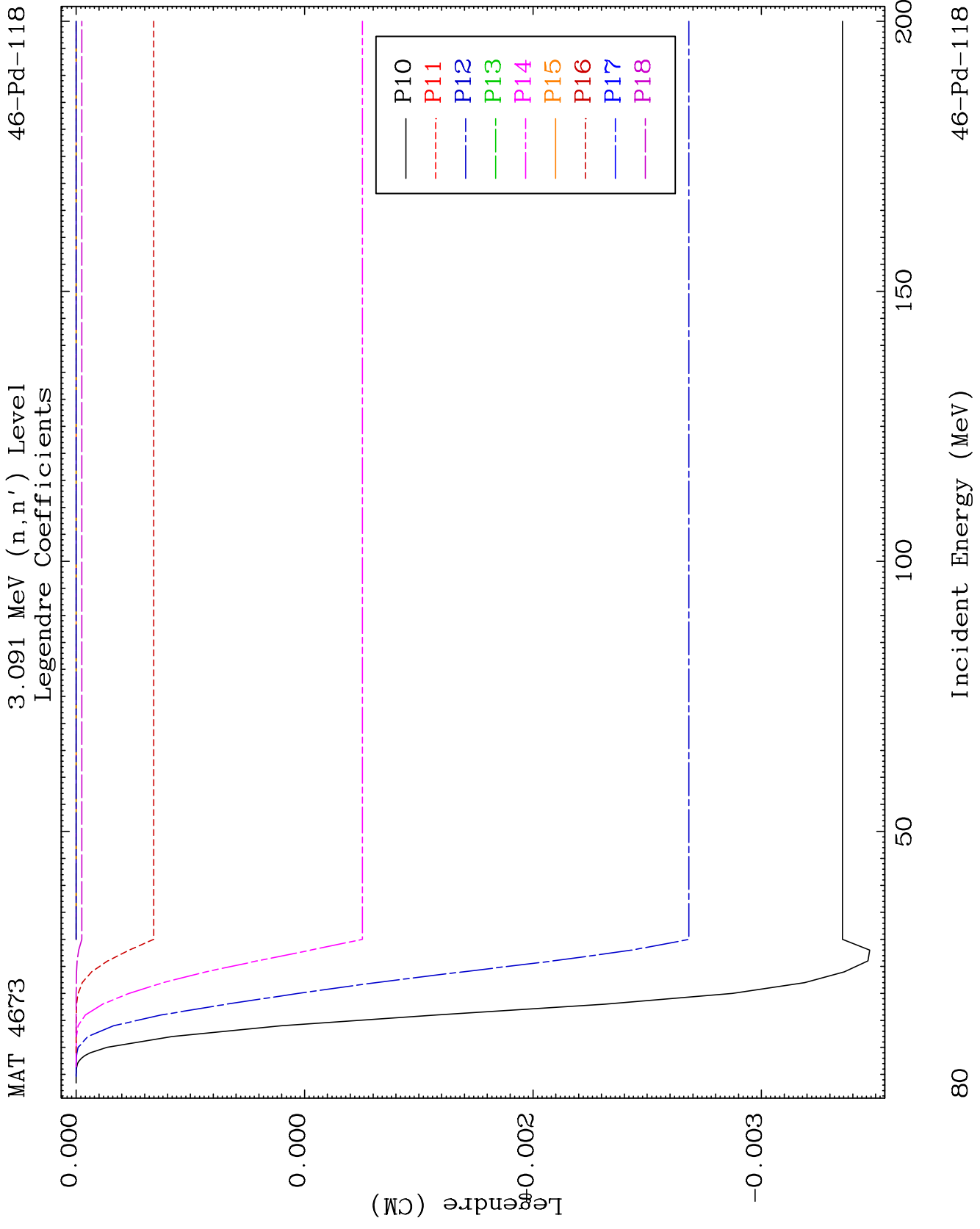


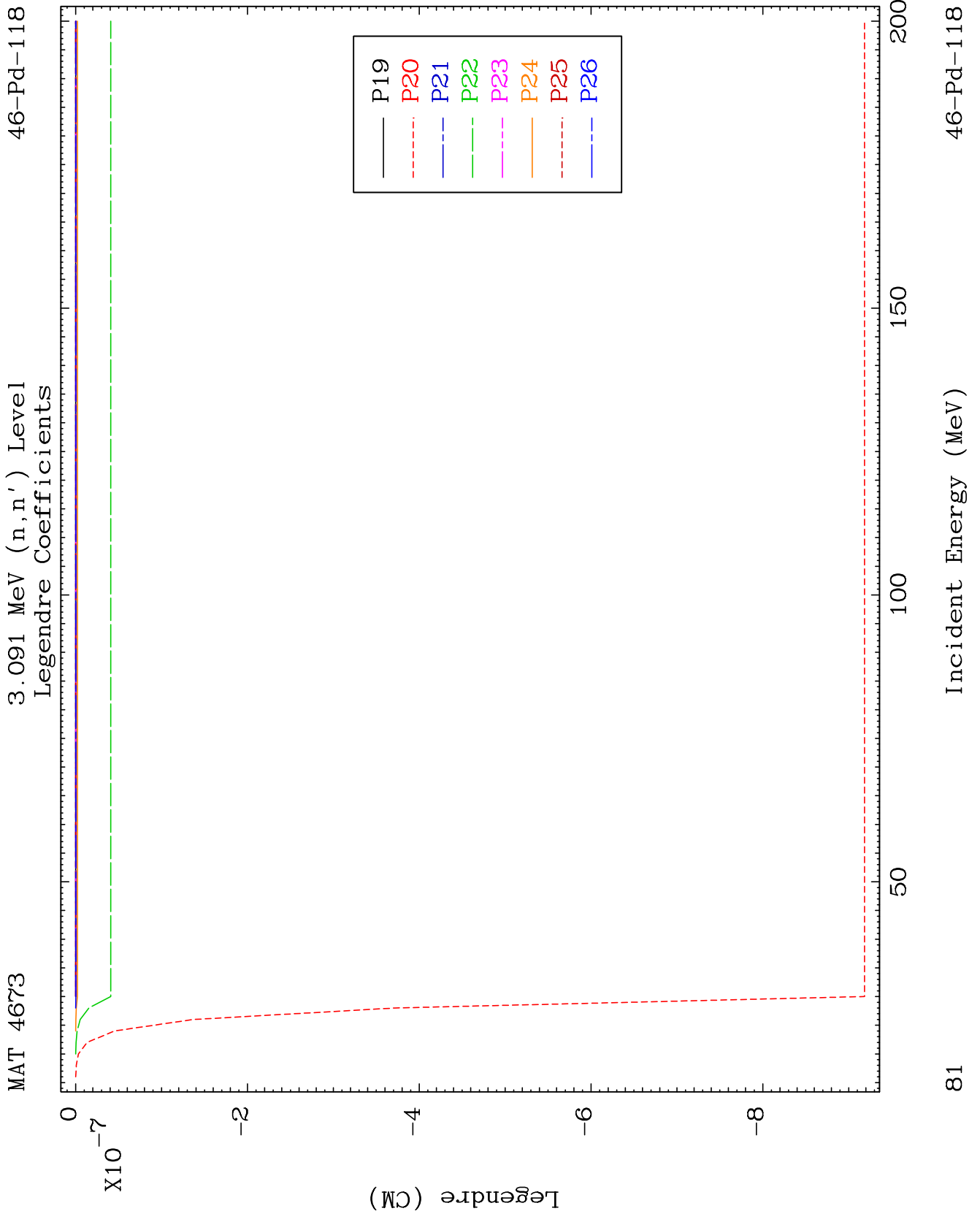
78

Incident Energy (MeV)

46-Pd-118



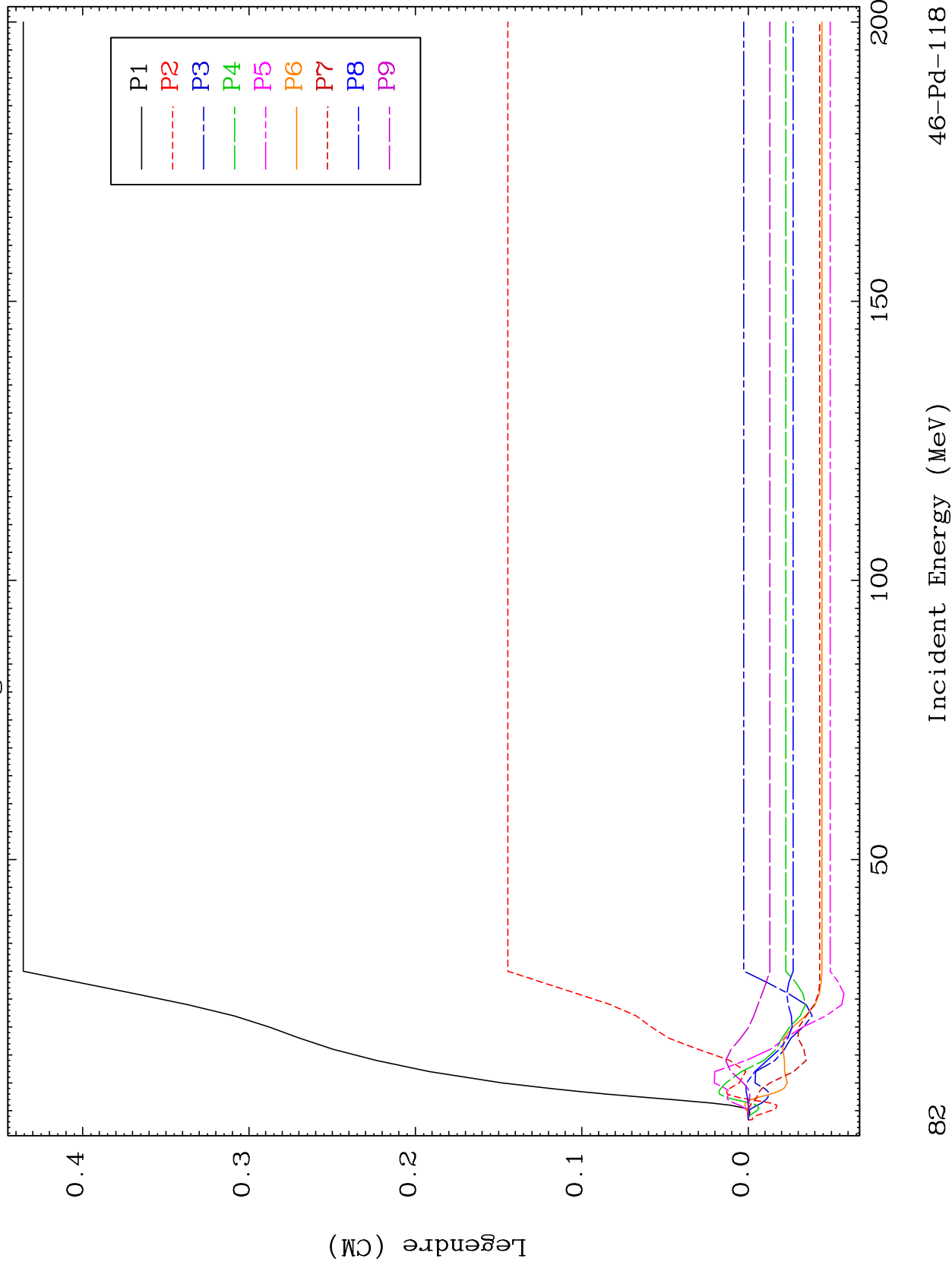




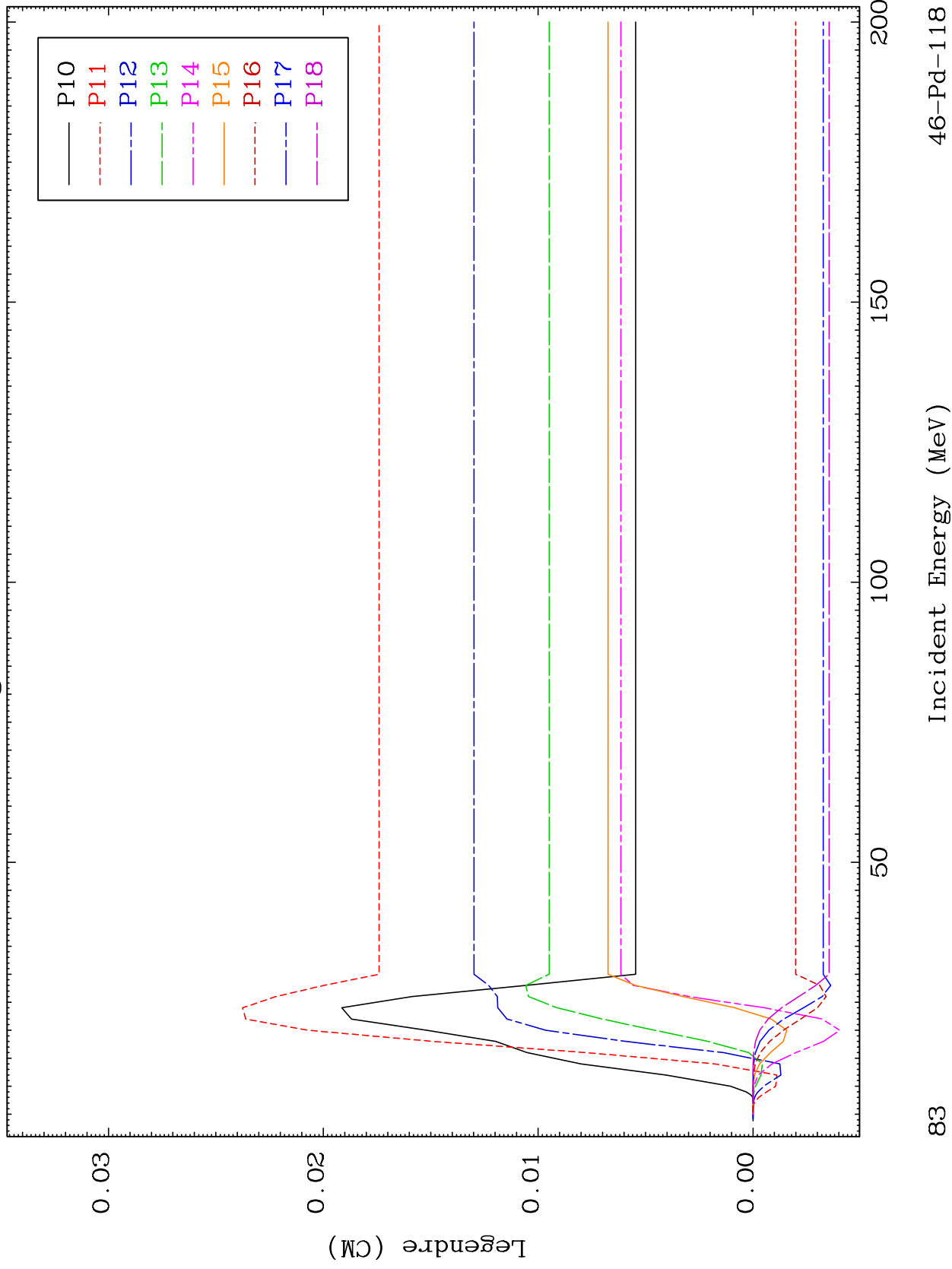
MAT 4673

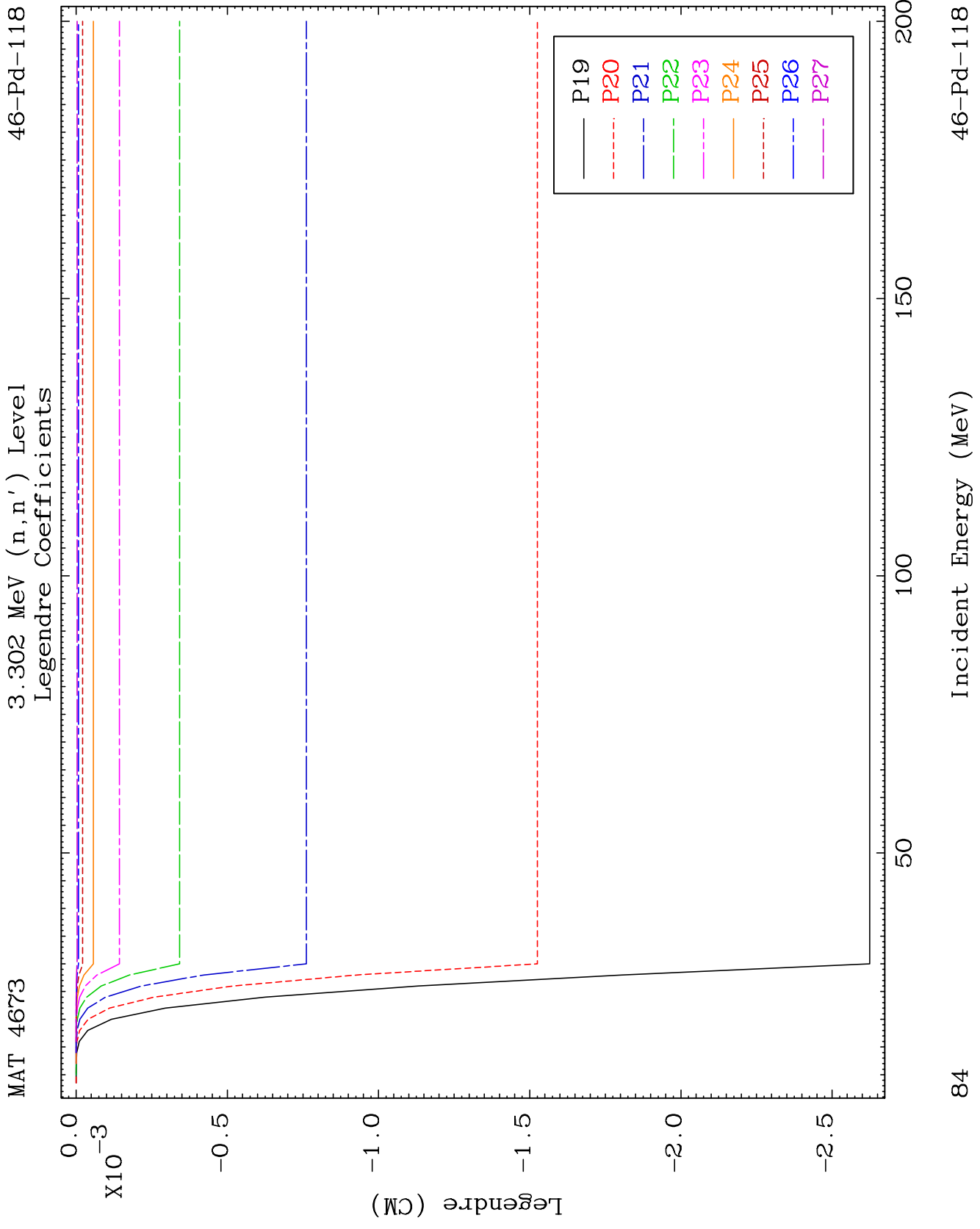
3.302 MeV (n,n') Level
Legendre Coefficients

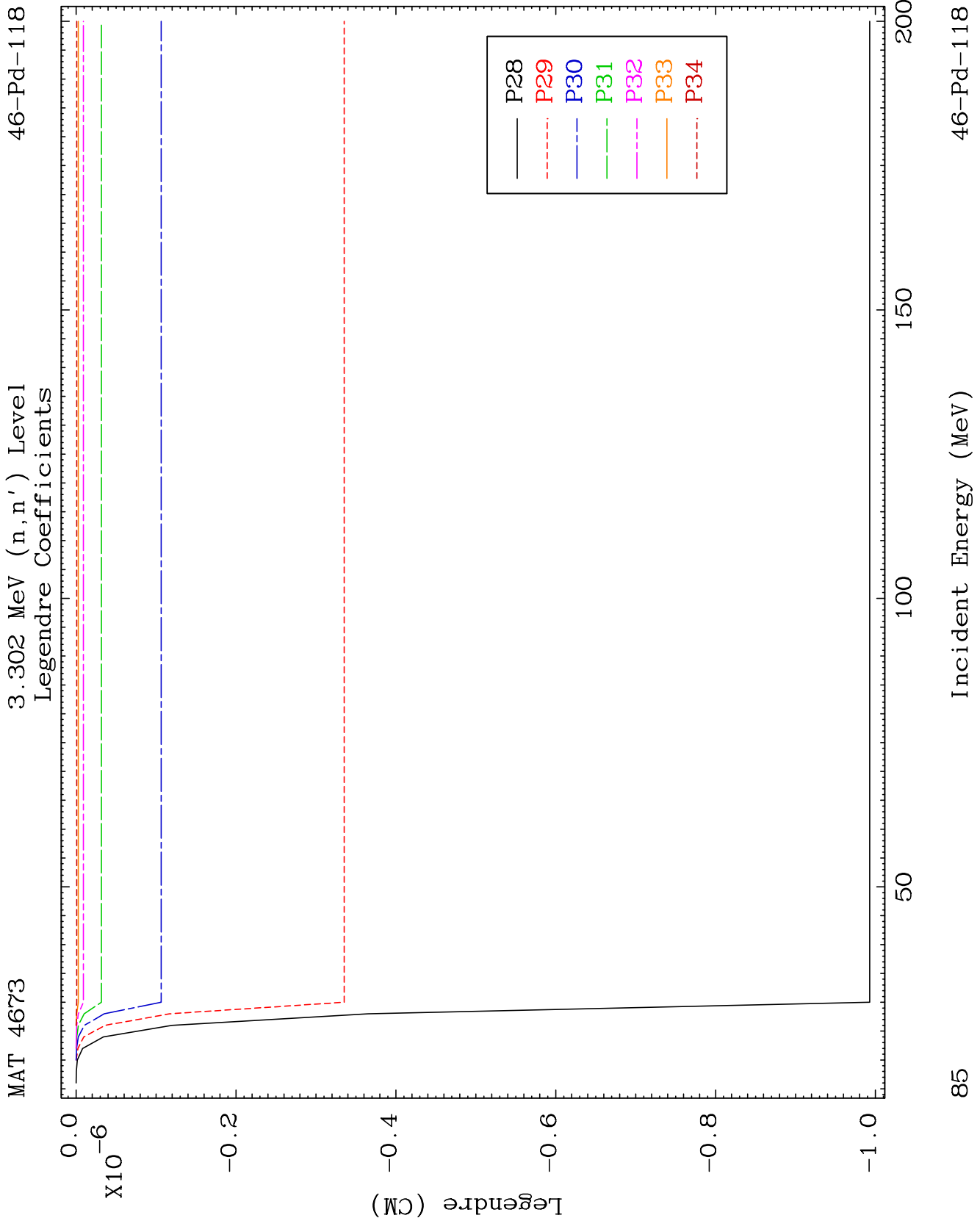
46-Pd-118



82



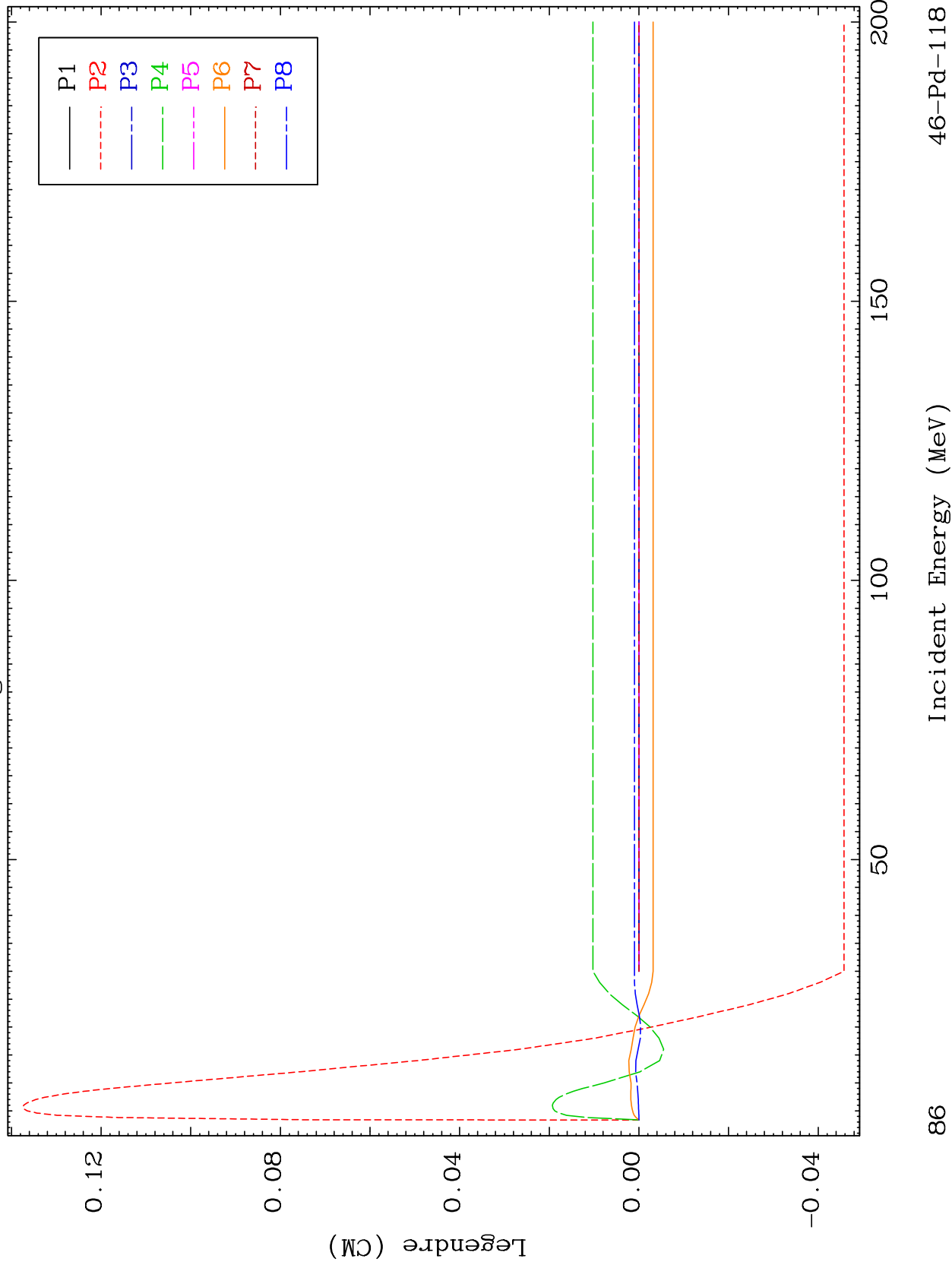




MAT 4673

3.308 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



86

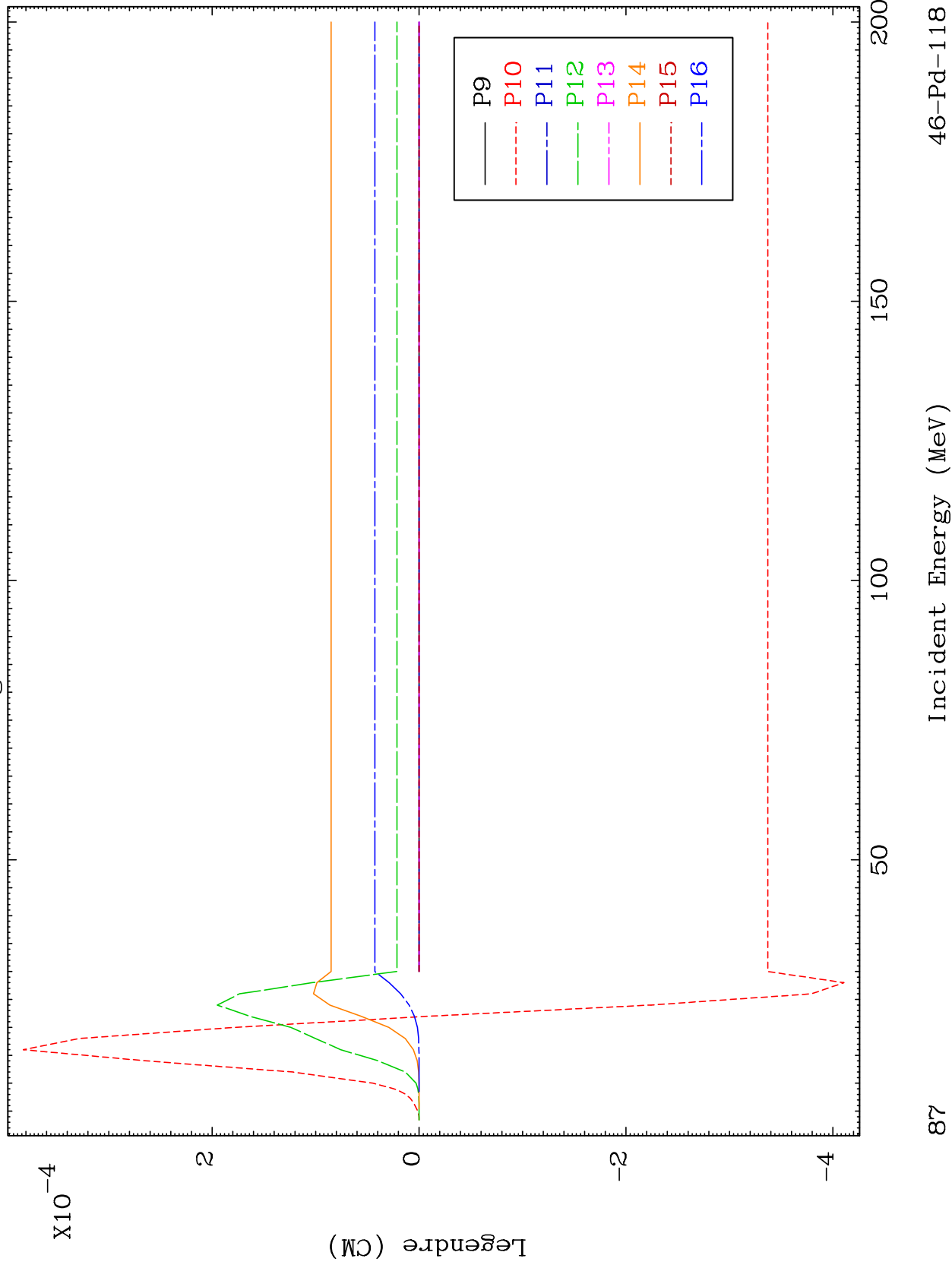
Incident Energy (MeV)

46-Pd-118

MAT 4673

3.308 MeV (n,n') Level
Legendre Coefficients

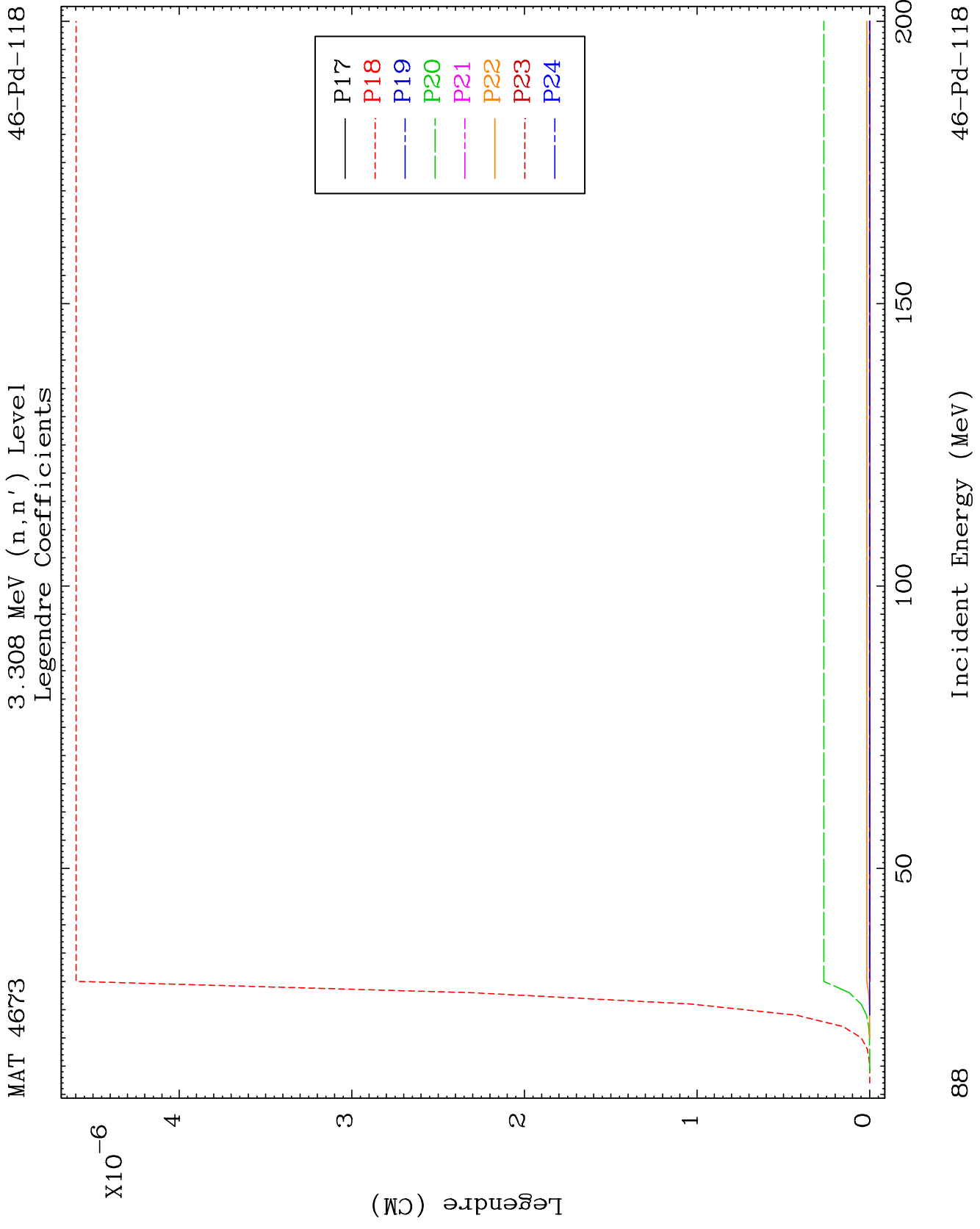
46-Pd-118



87

Incident Energy (MeV)

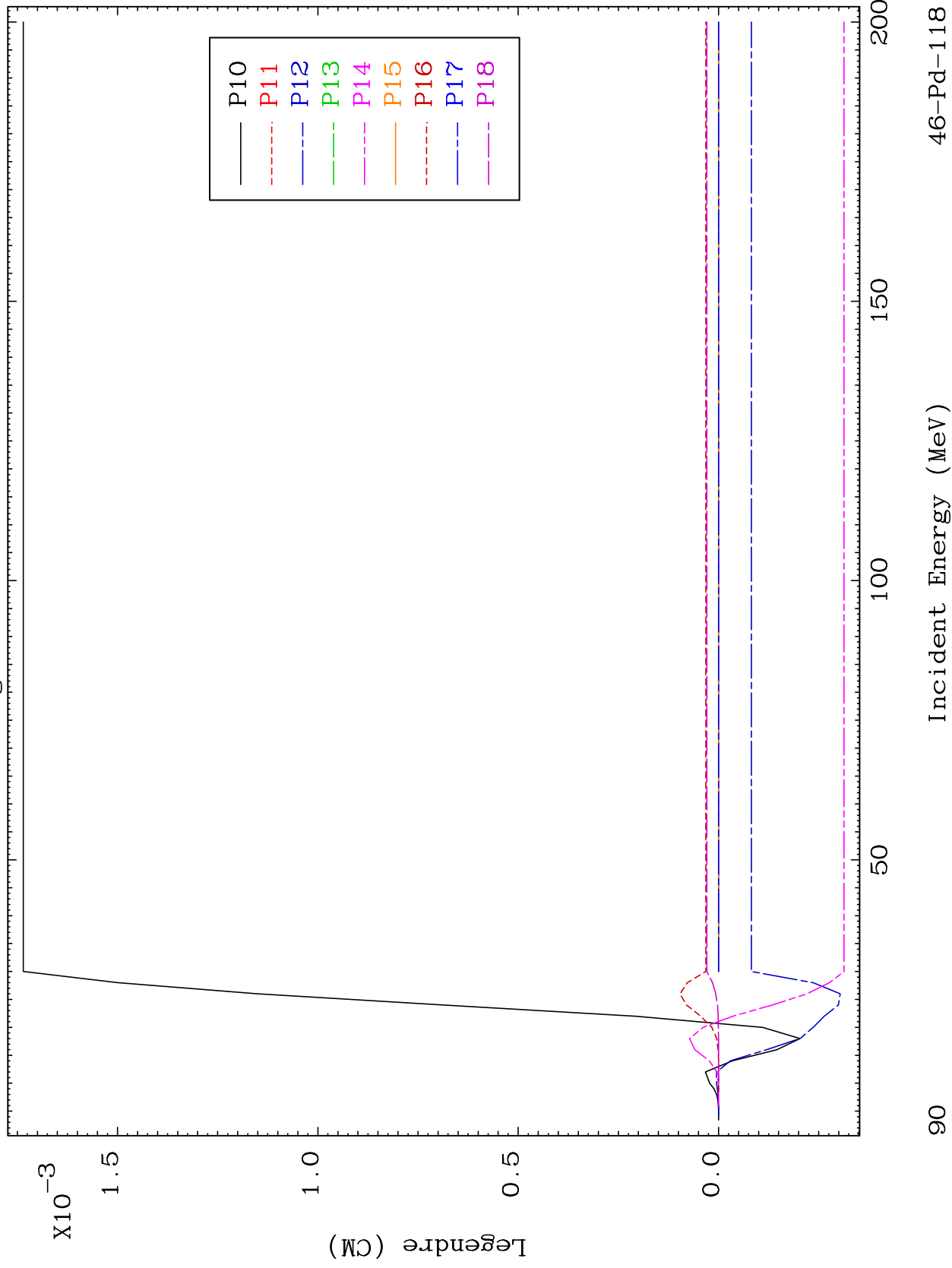
46-Pd-118



MAT 4673

3.310 MeV (n,n') Level
Legendre Coefficients

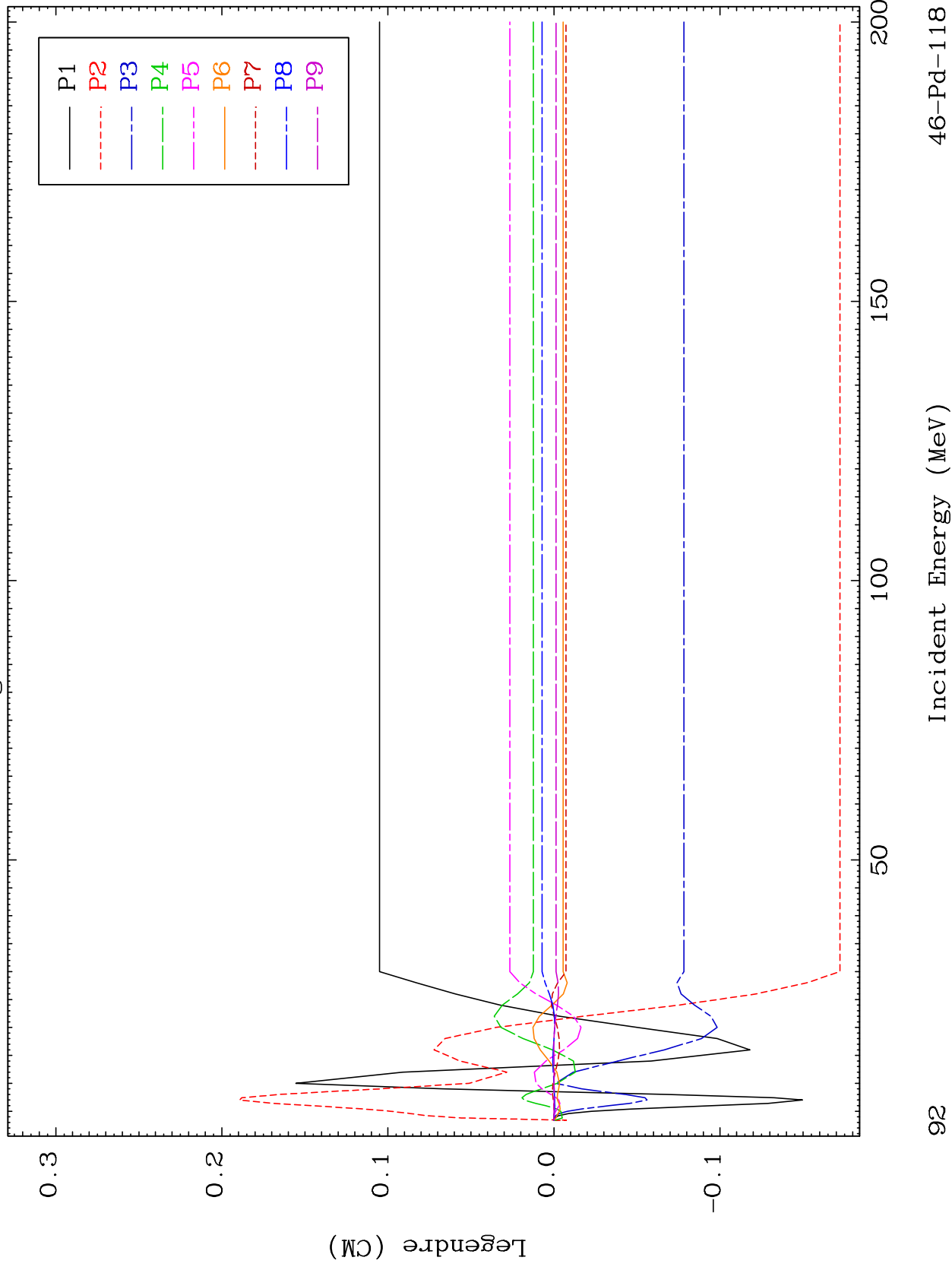
46-Pd-118



90

Incident Energy (MeV)

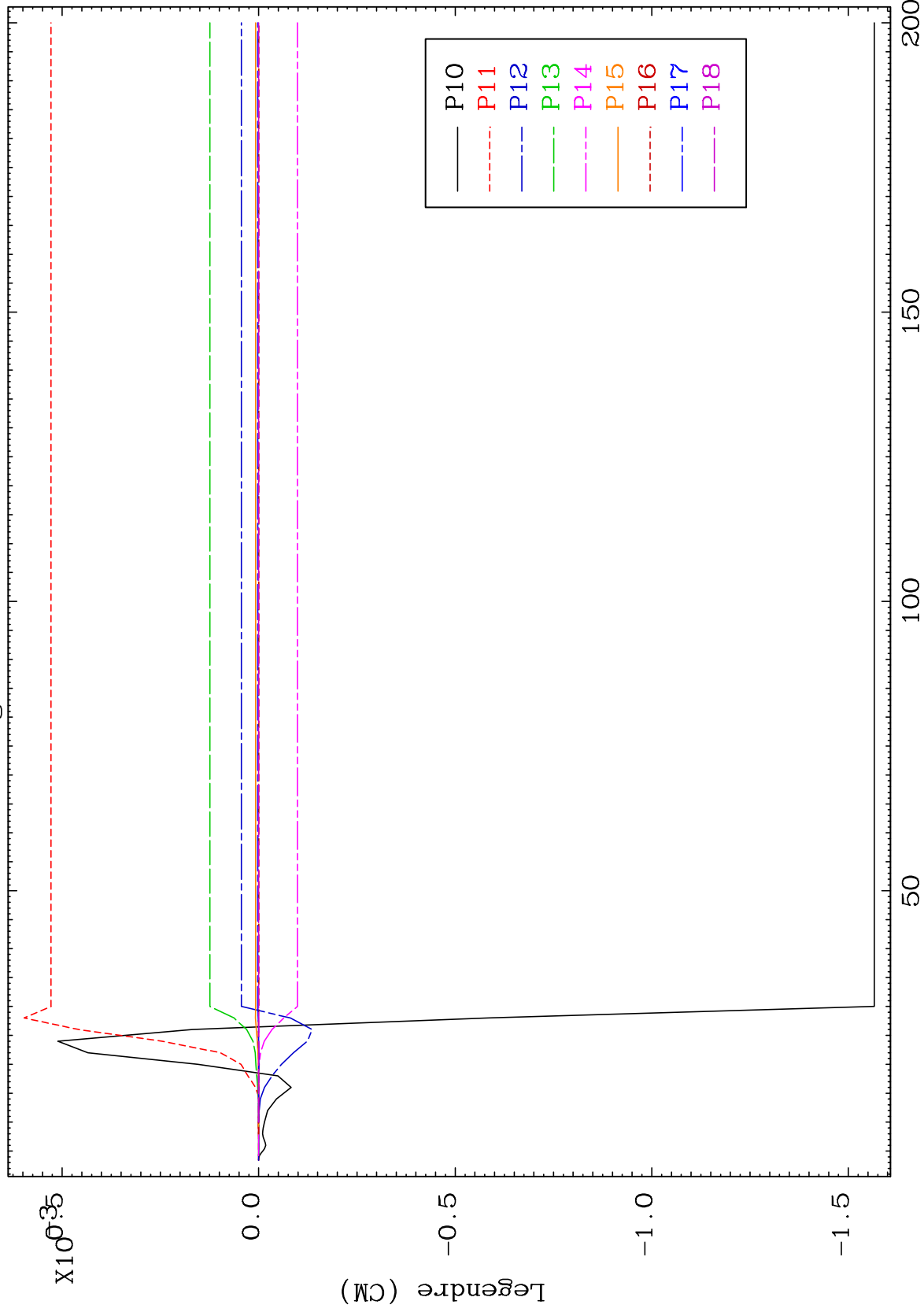
46-Pd-118

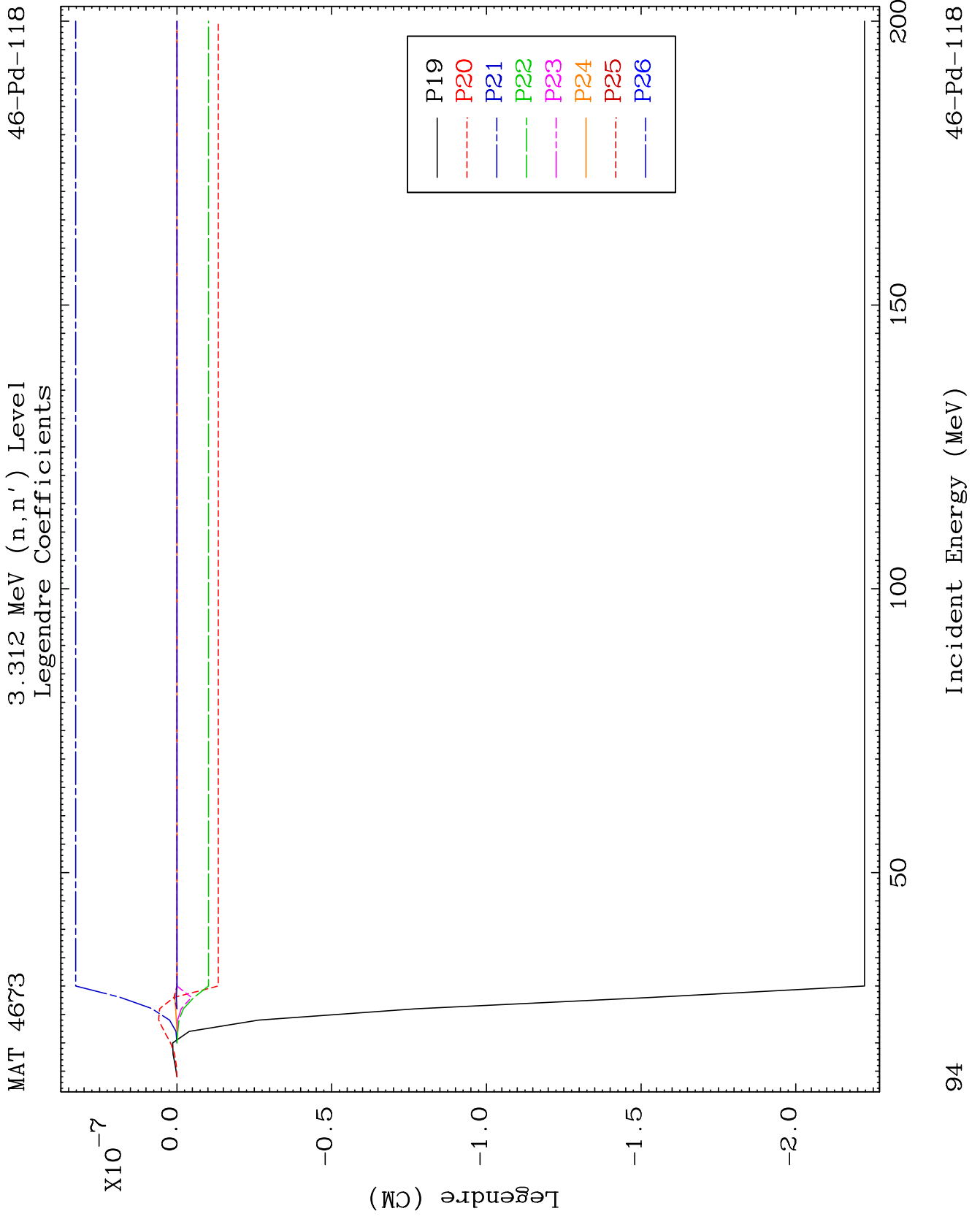


MAT 4673

3.312 MeV (n,n') Level
Legendre Coefficients

46-Pd-118

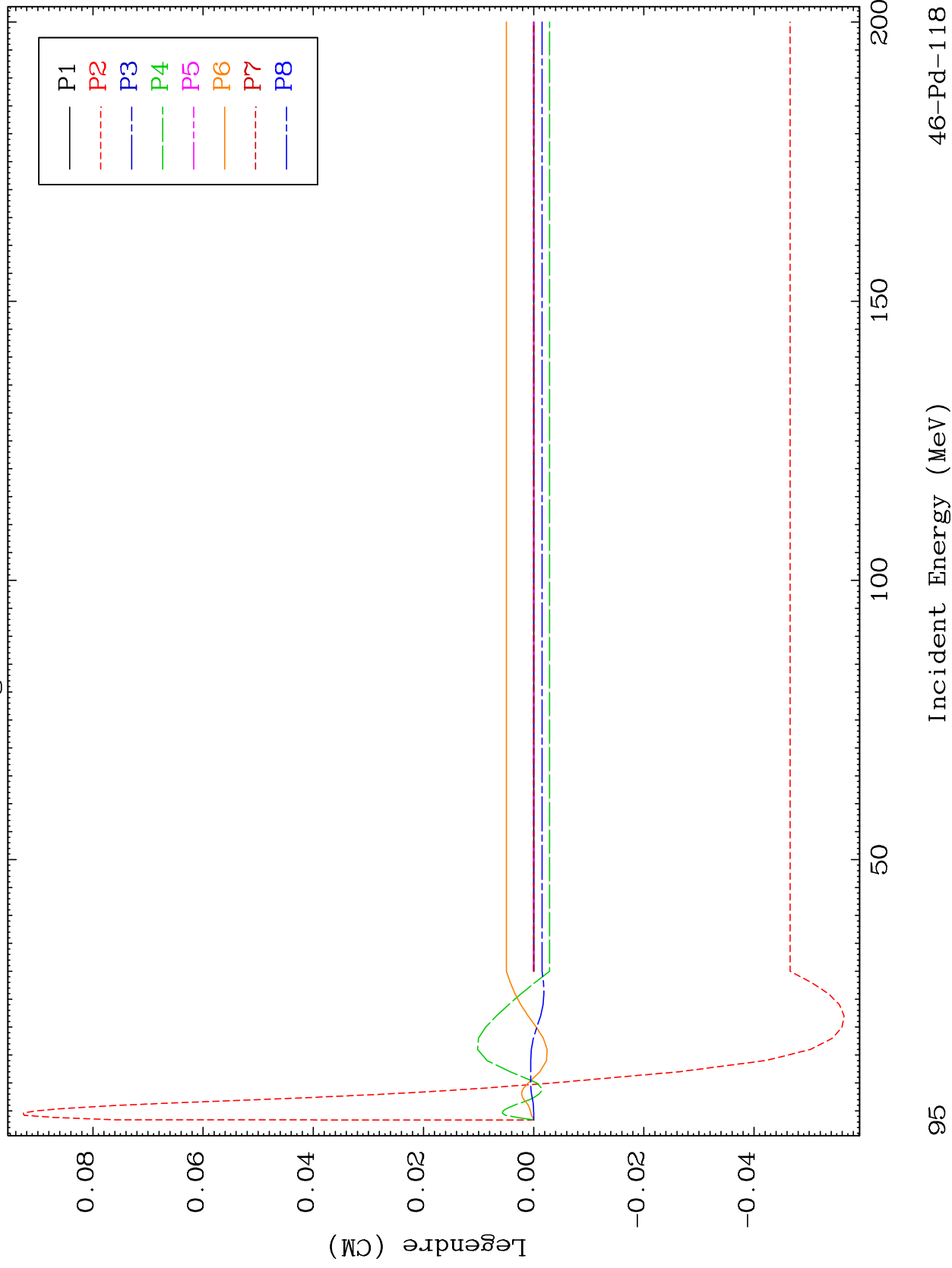




MAT 4673

3.314 MeV (n,n') Level
Legendre Coefficients

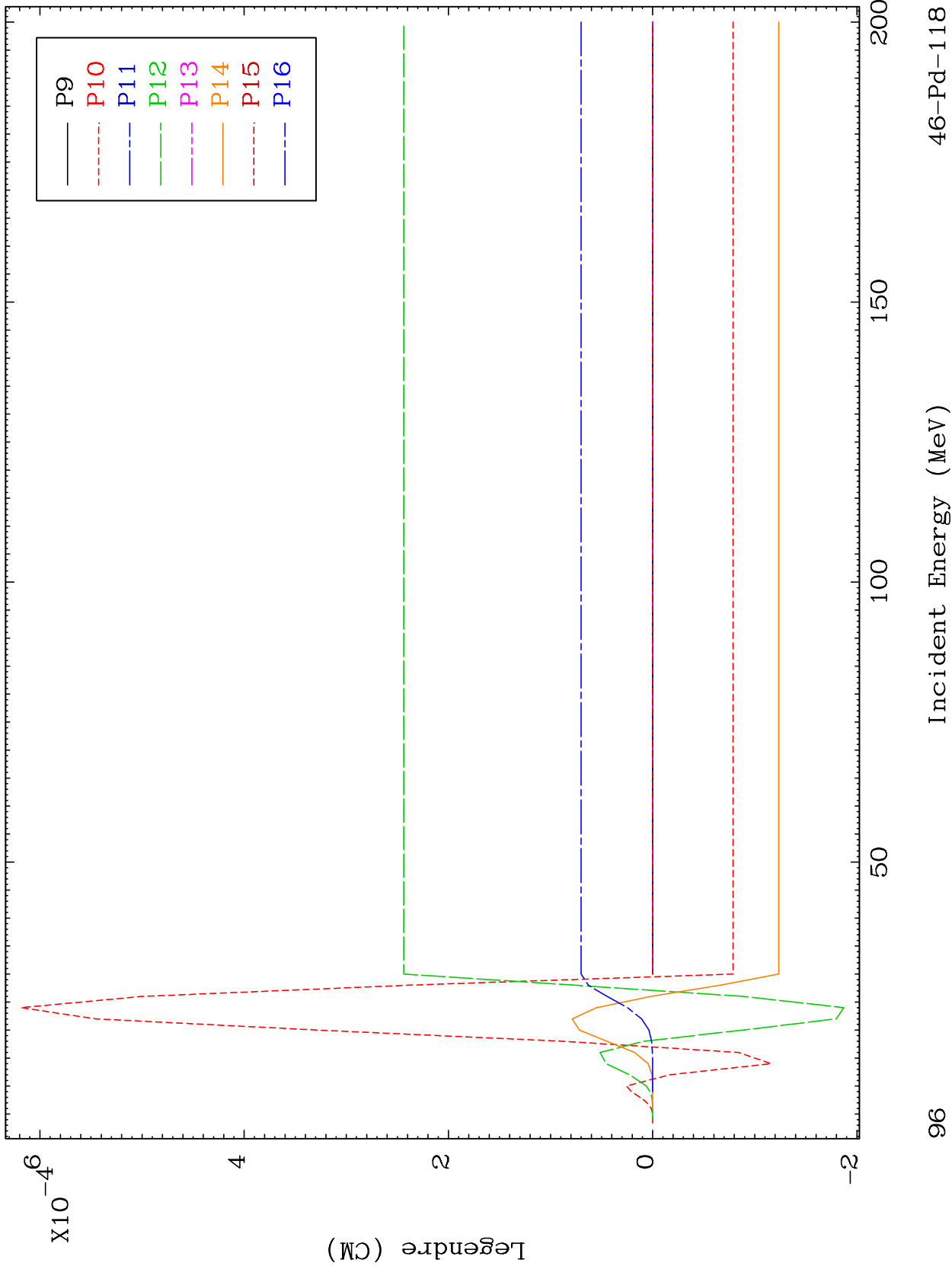
46-Pd-118



MAT 4673

3.314 MeV (n,n') Level
Legendre Coefficients

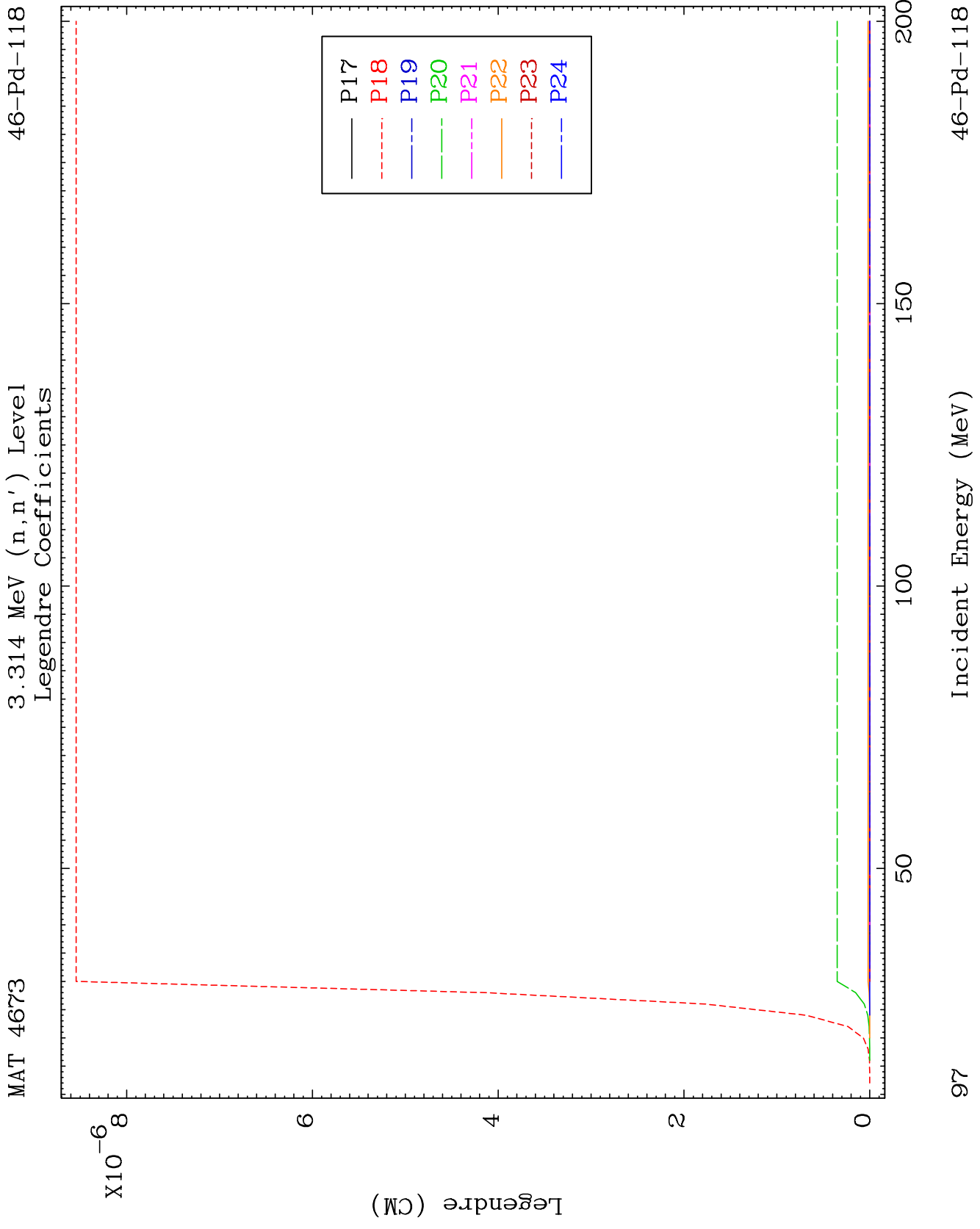
46-Pd-118

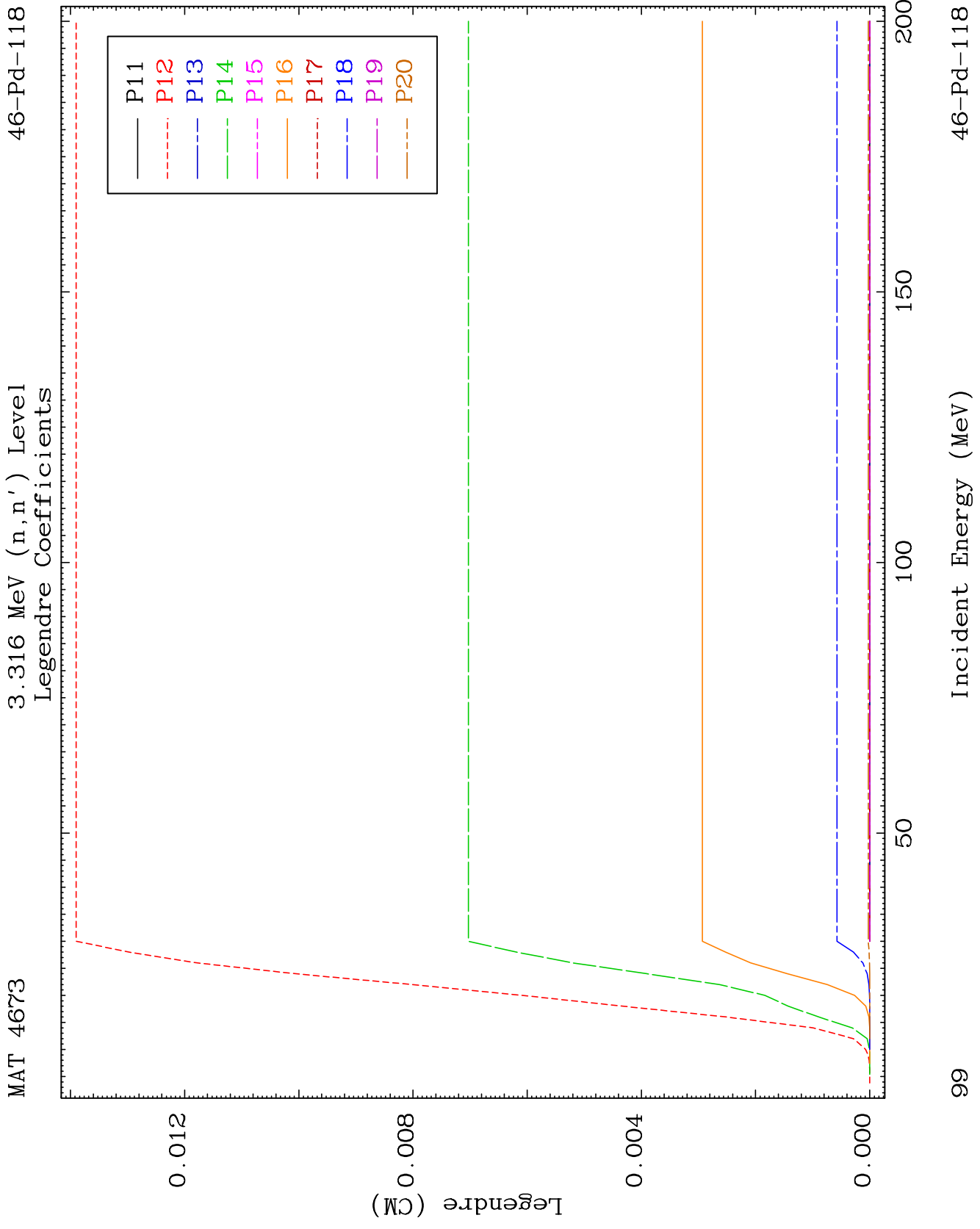


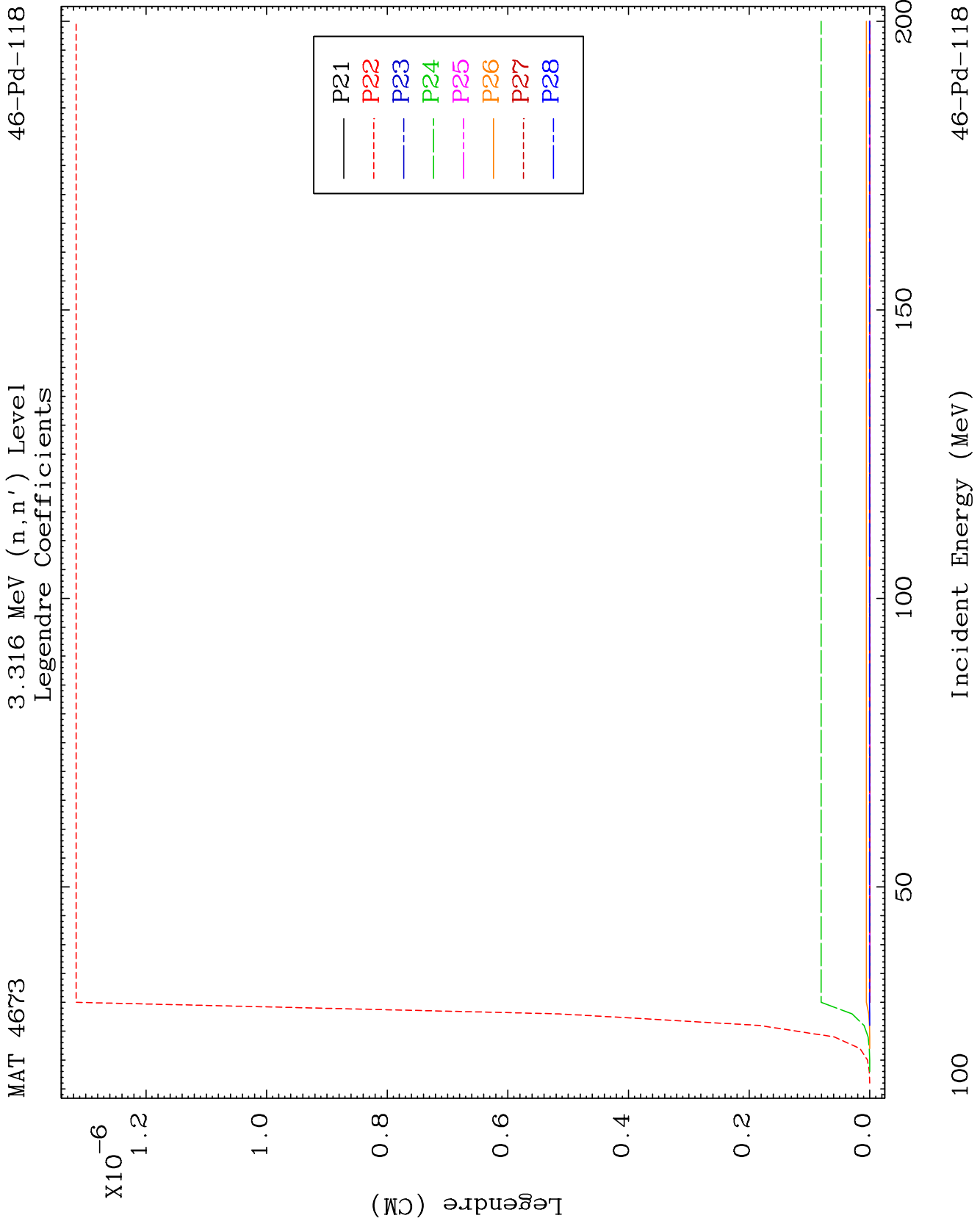
96

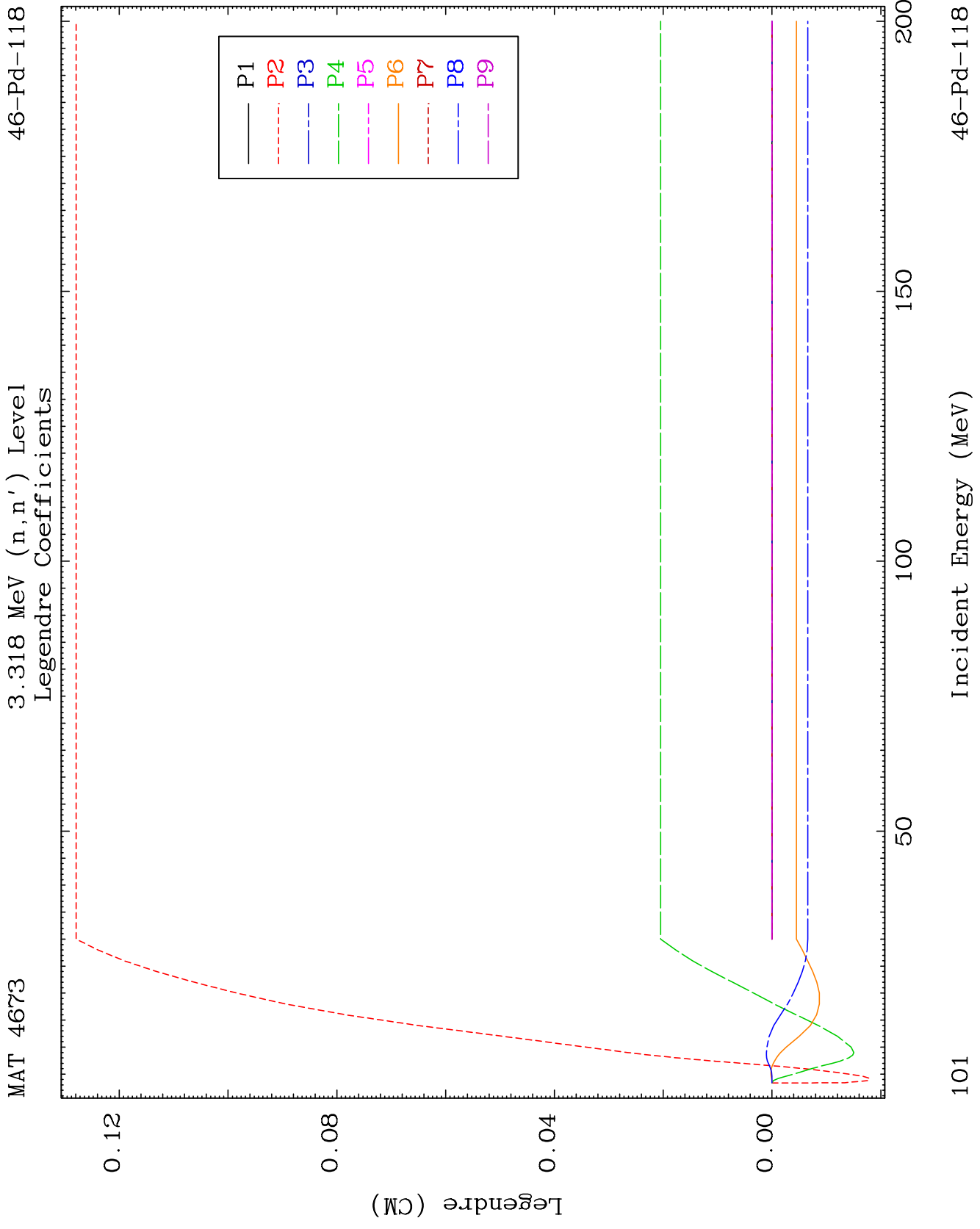
Incident Energy (MeV)

46-Pd-118





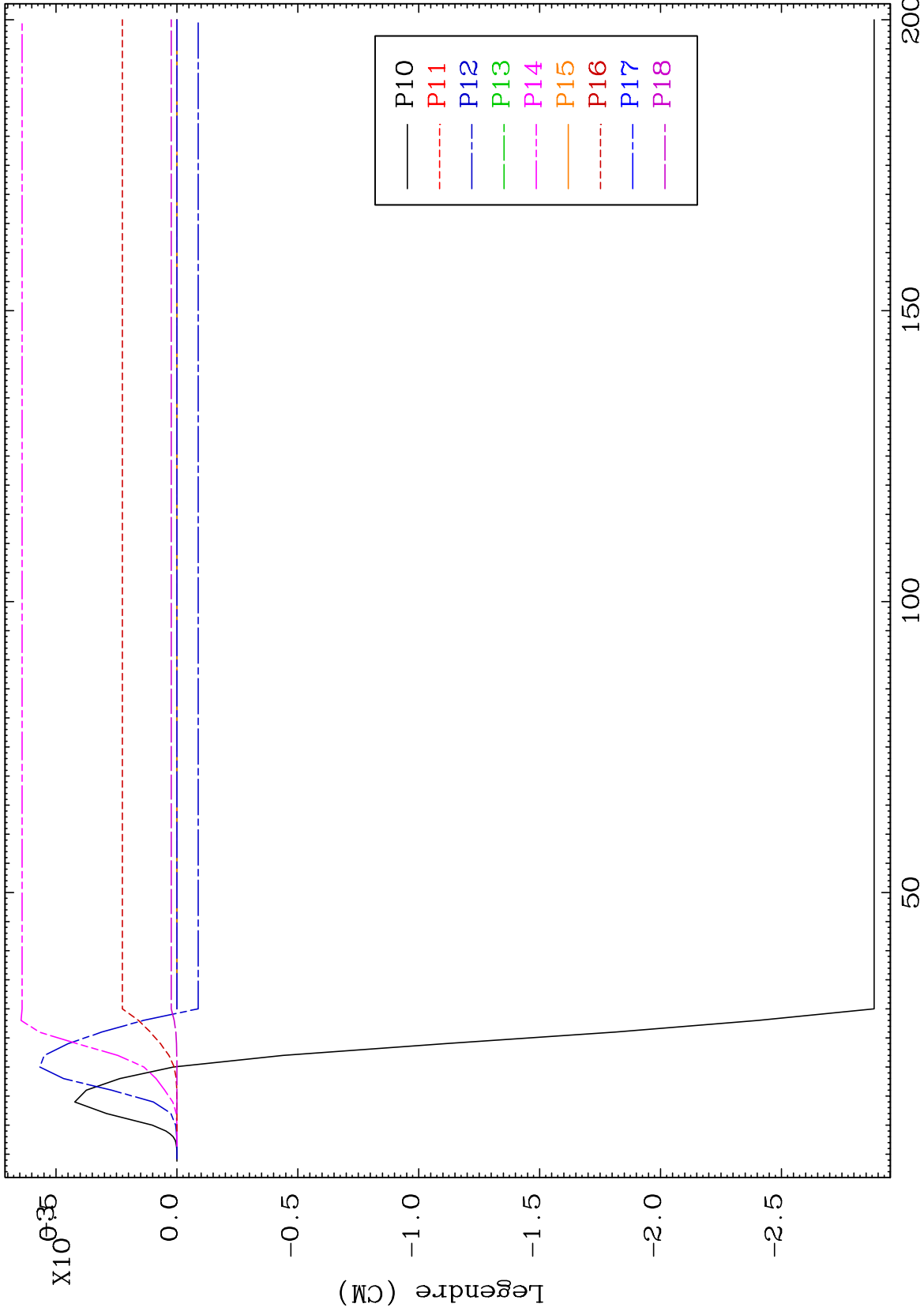


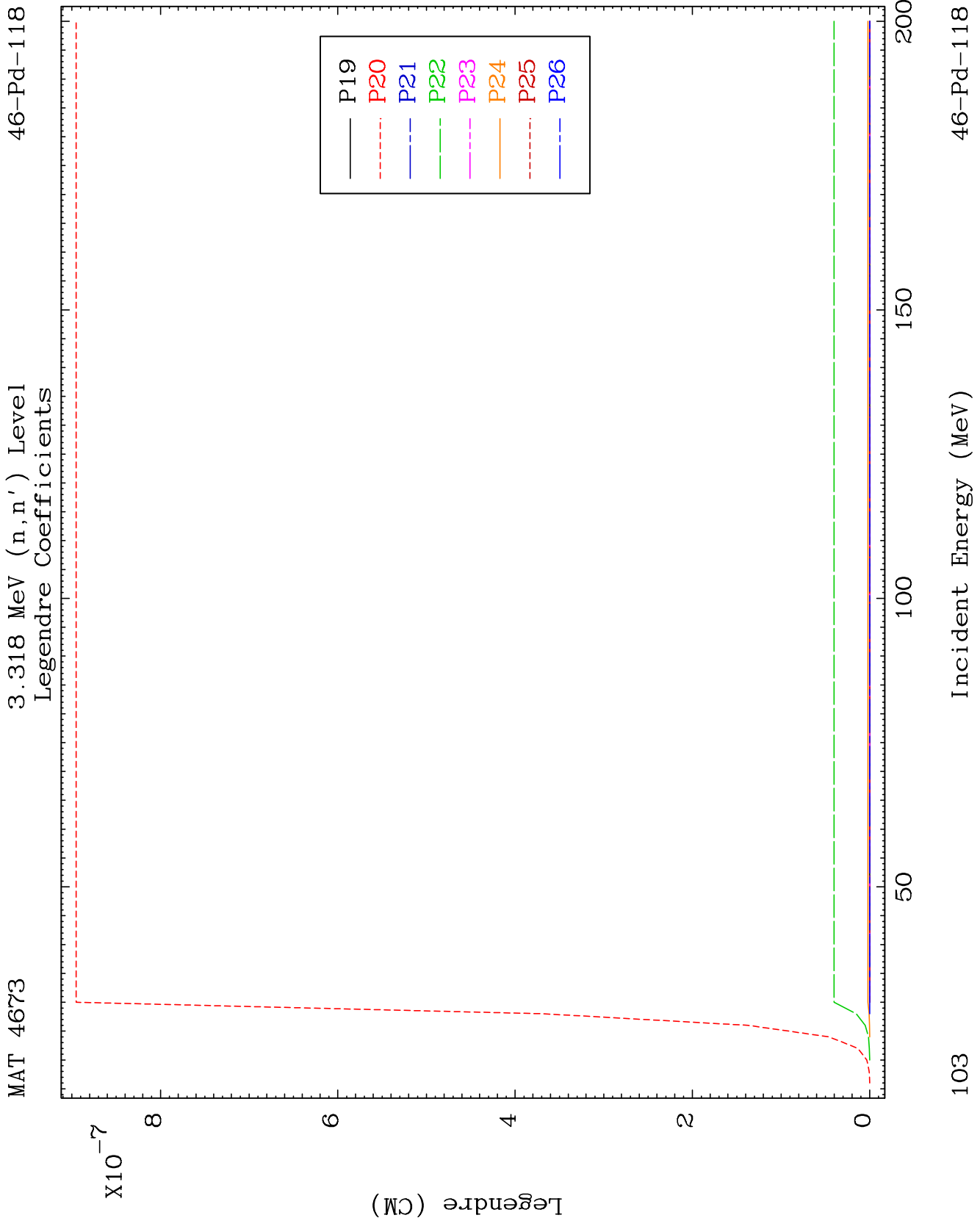


MAT 4673

3.318 MeV (n,n') Level
Legendre Coefficients

46-Pd-118

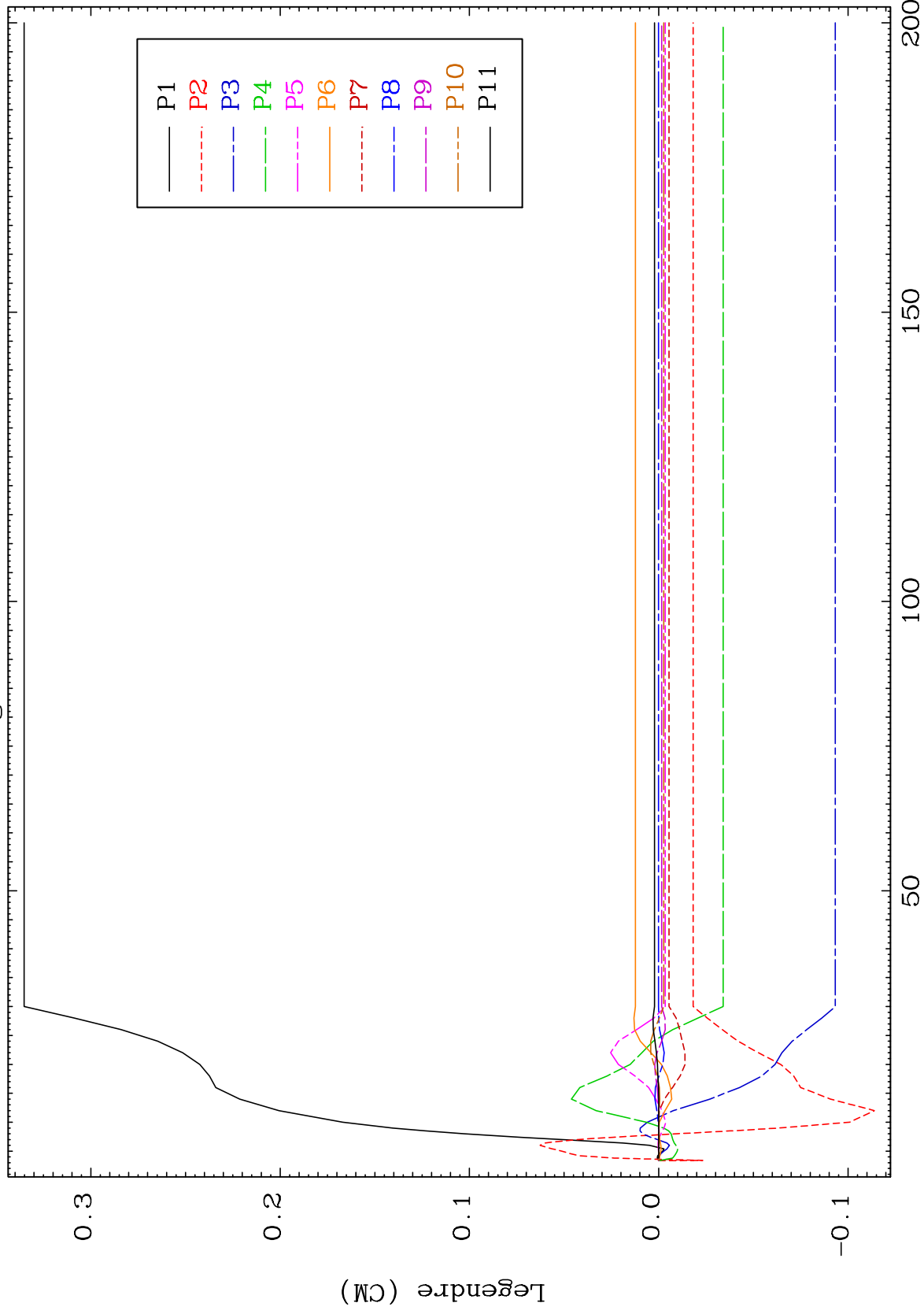




MAT 4673

3.320 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



104

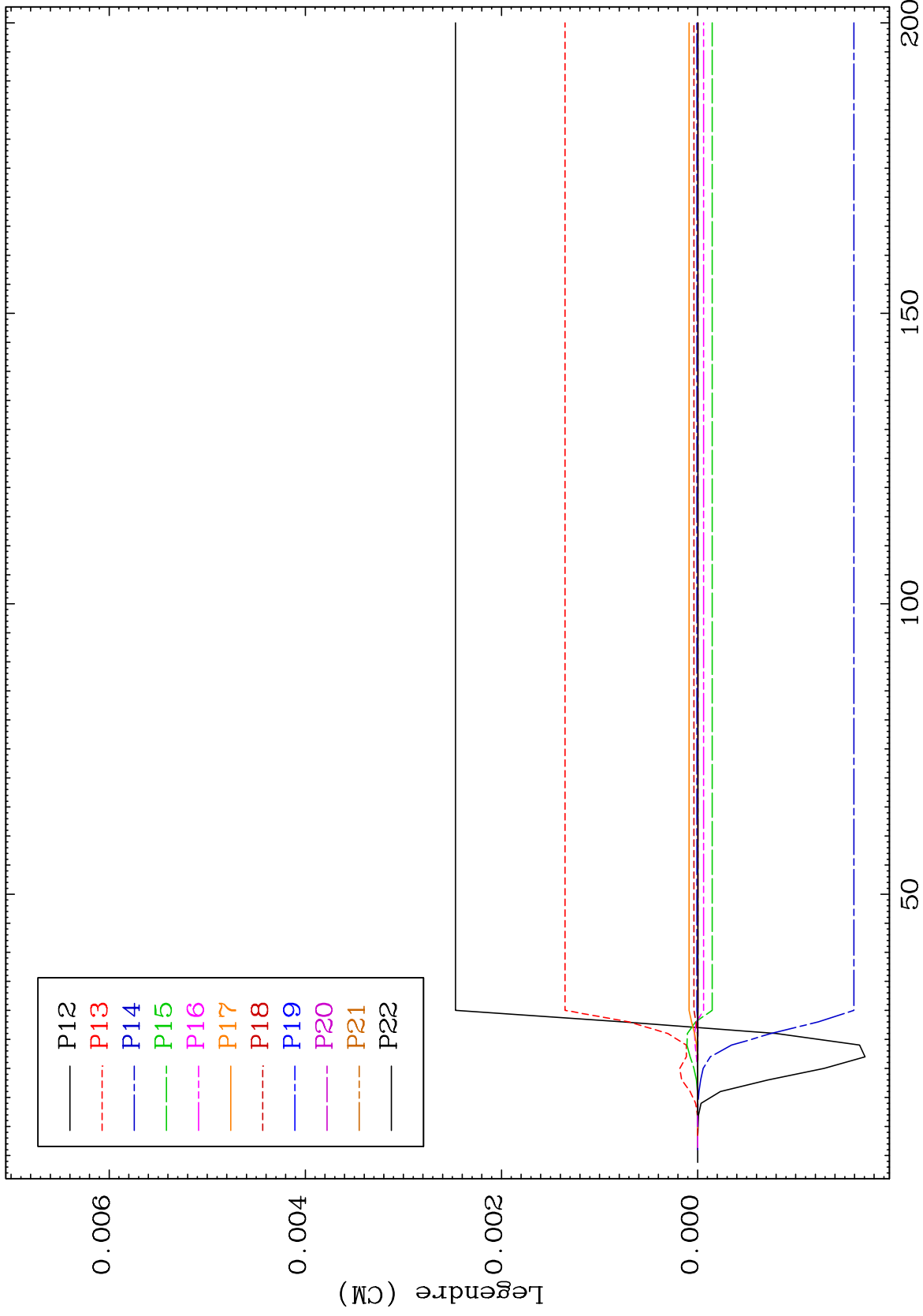
Incident Energy (MeV)

46-Pd-118

MAT 4673

3.320 MeV (n,n') Level
Legendre Coefficients

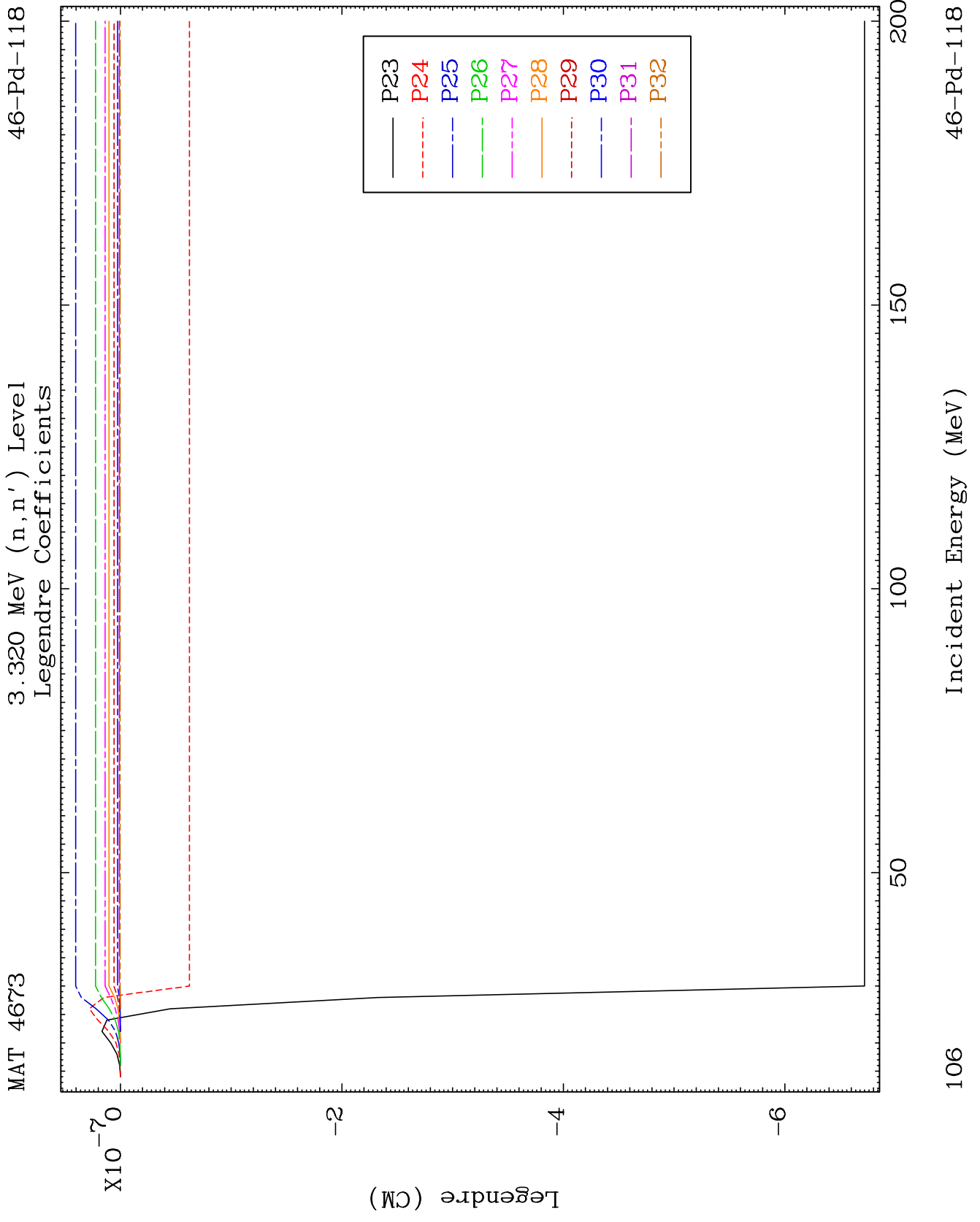
46-Pd-118



105

Incident Energy (MeV)

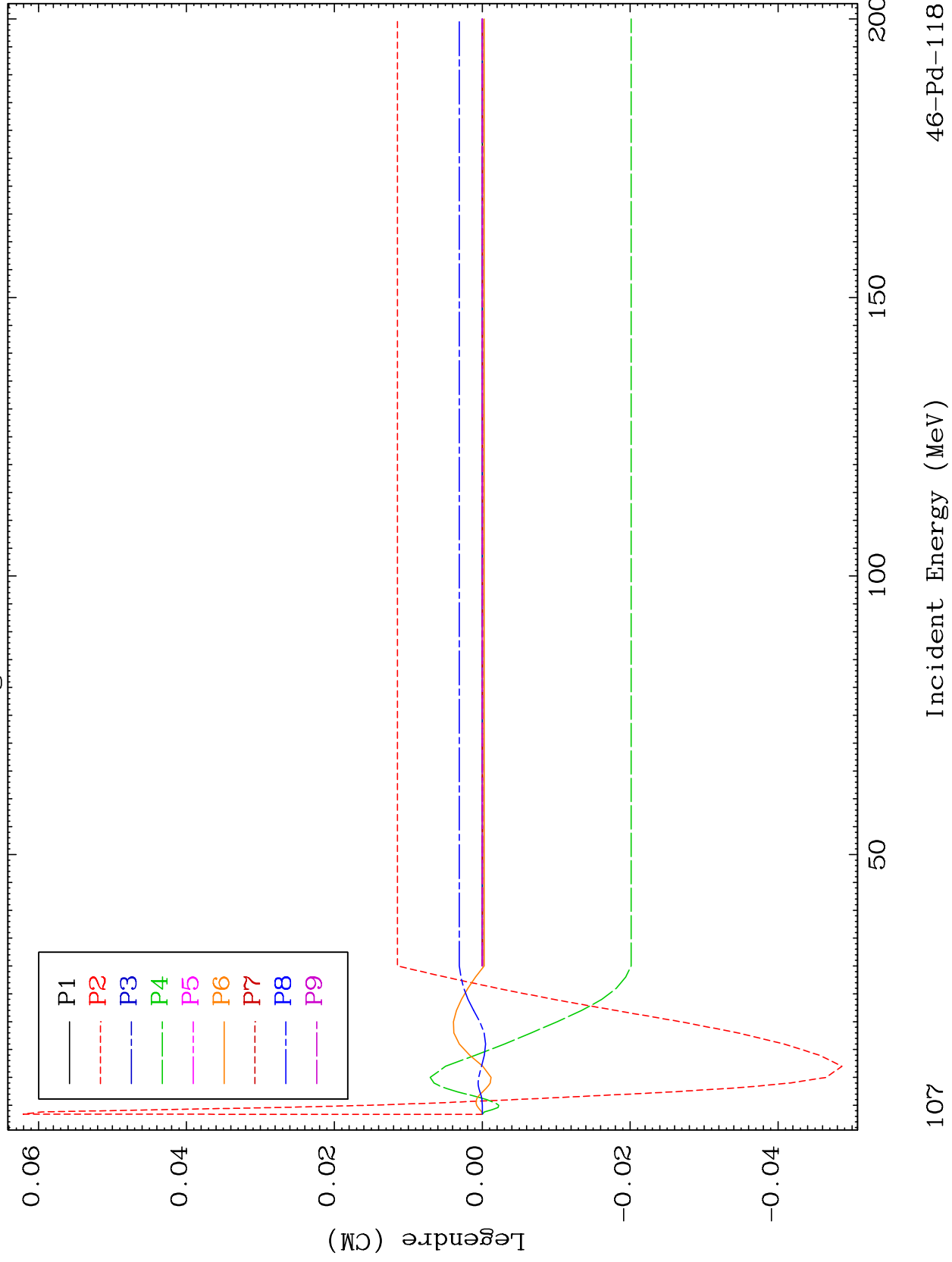
46-Pd-118



MAT 4673

3.321 MeV (n,n') Level
Legendre Coefficients

46-Pd-118

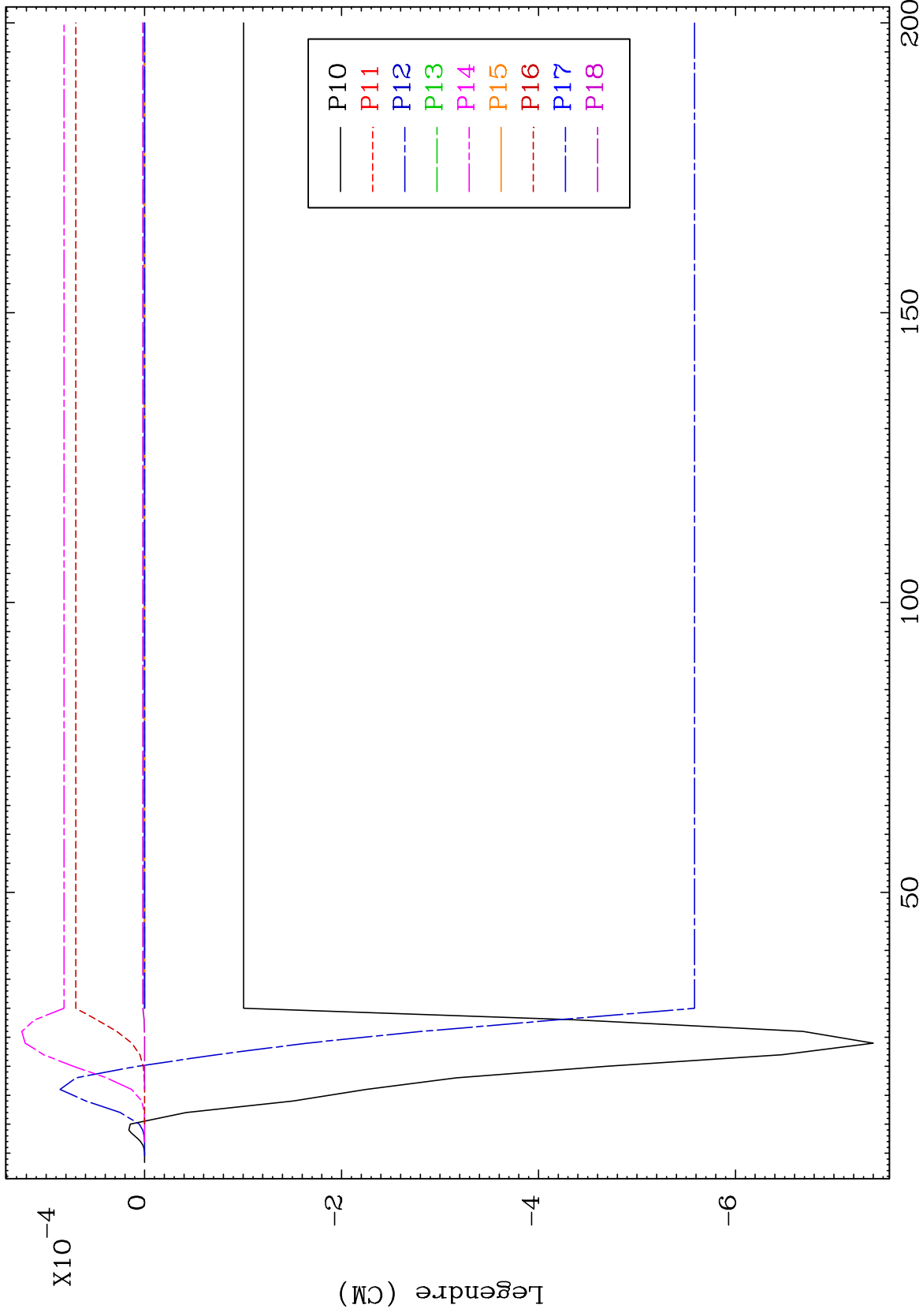


107

MAT 4673

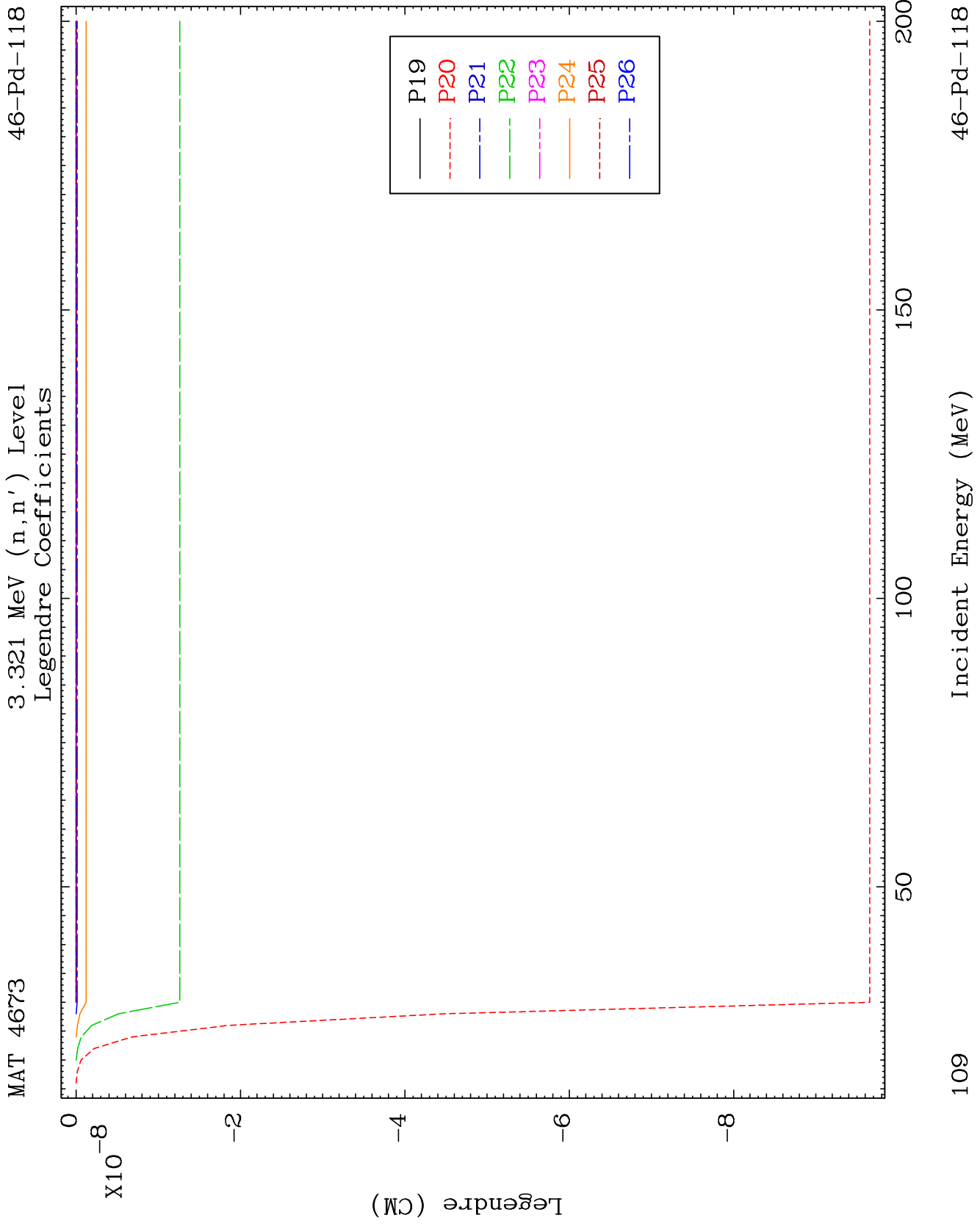
3.321 MeV (n,n') Level
Legendre Coefficients

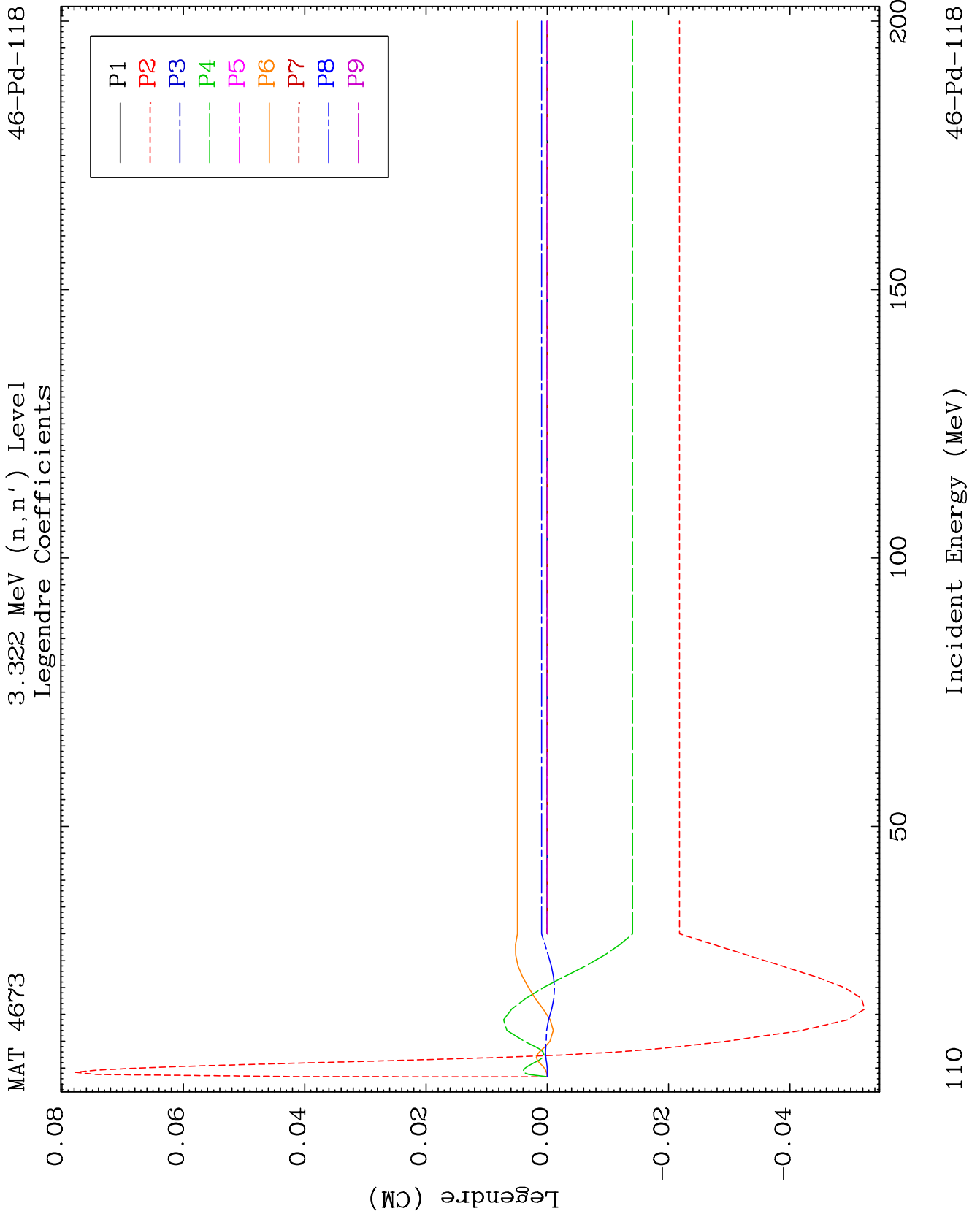
46-Pd-118



108

46-Pd-118

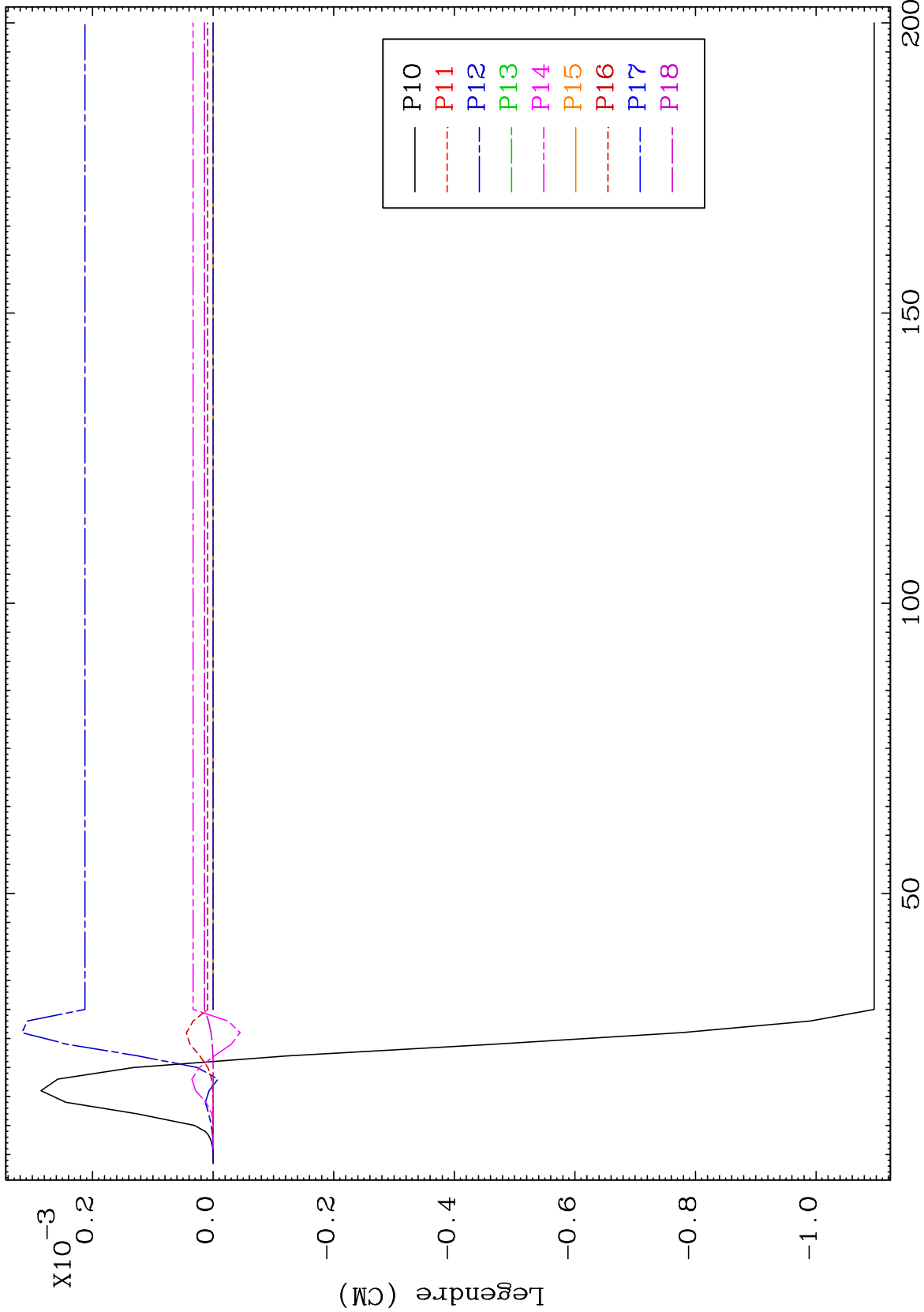




MAT 4673

3.322 MeV (n,n') Level
Legendre Coefficients

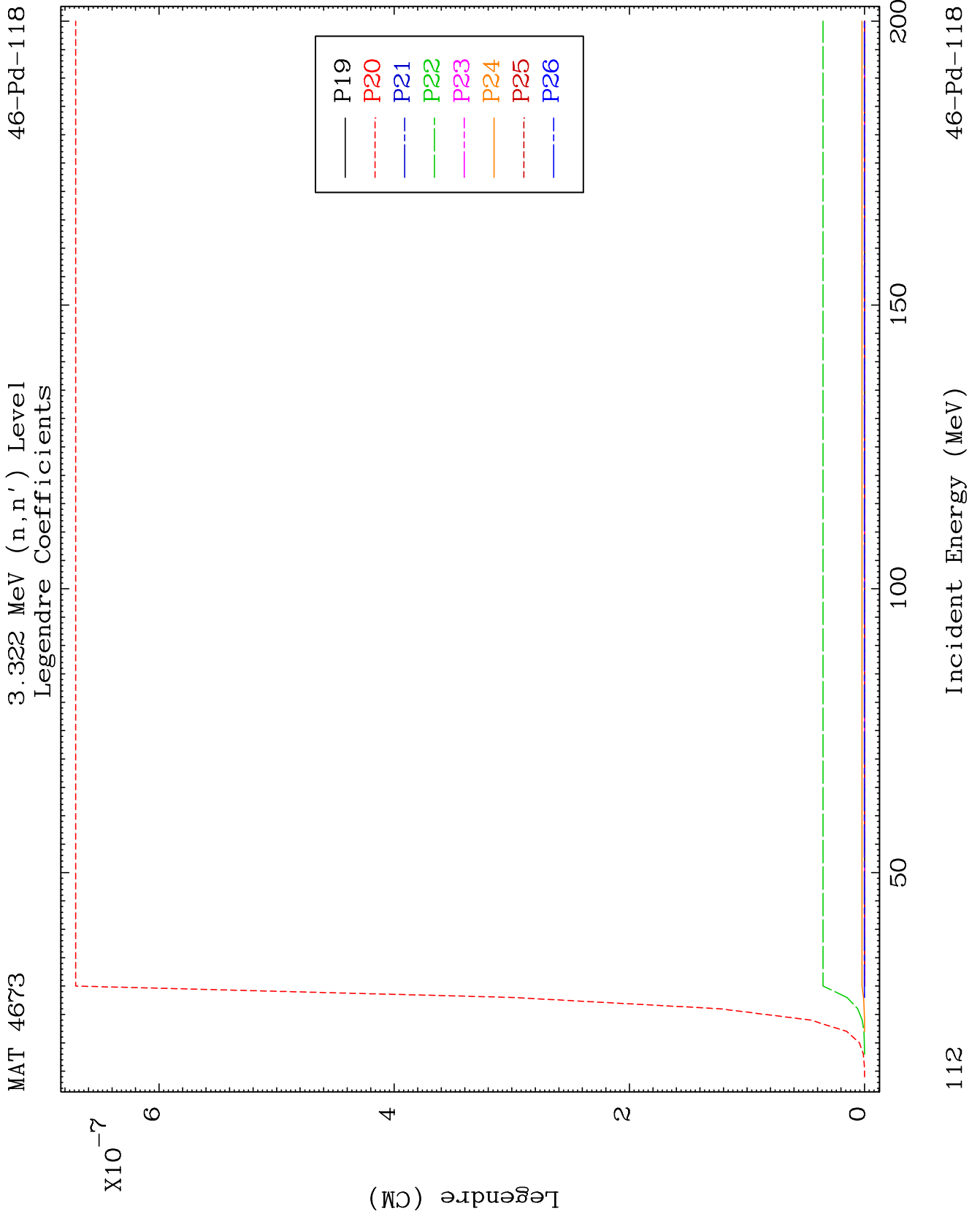
46-Pd-118



111

Incident Energy (MeV)

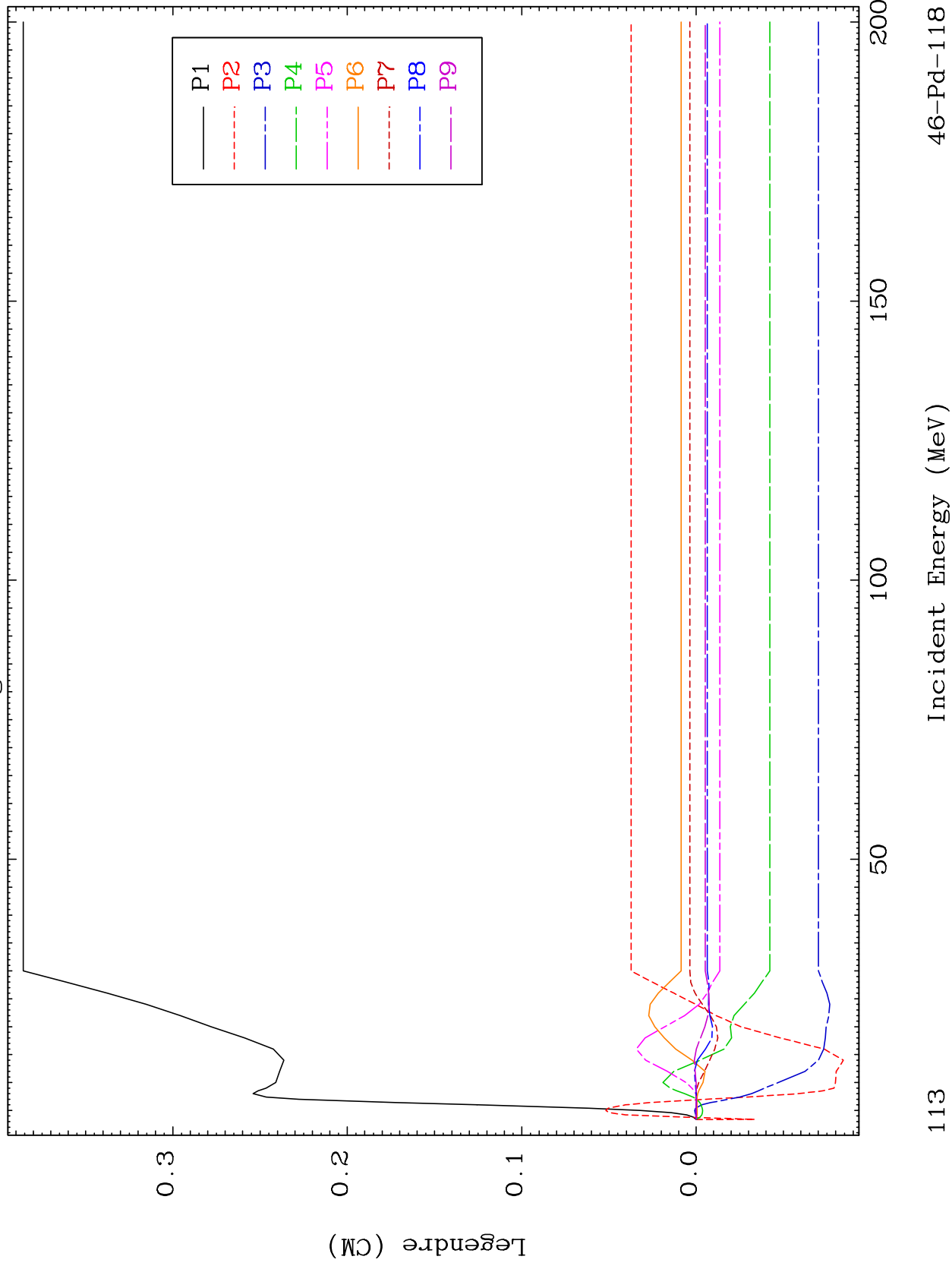
46-Pd-118



MAT 4673

3.323 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



113

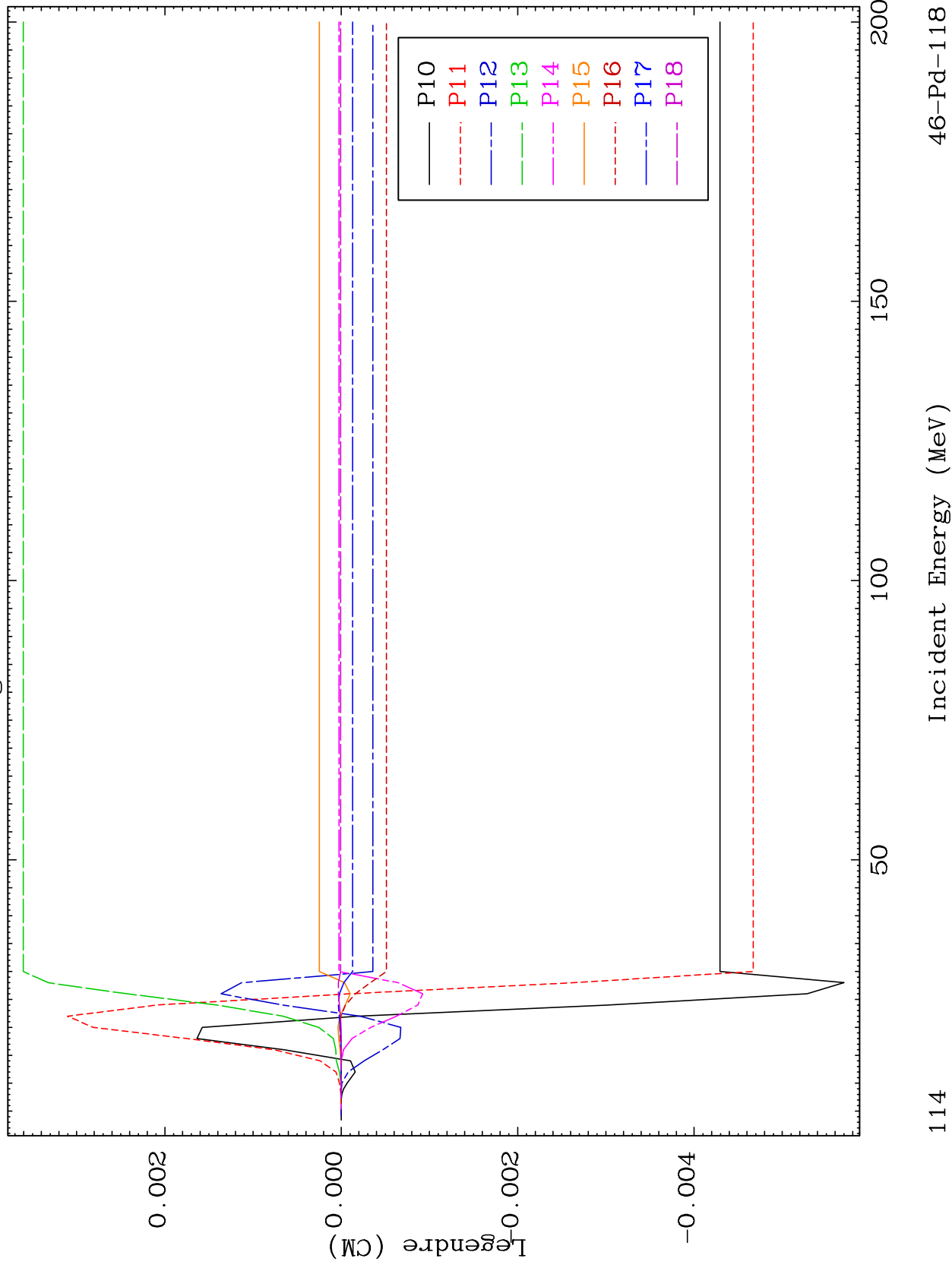
Incident Energy (MeV)

46-Pd-118

MAT 4673

3.323 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



114

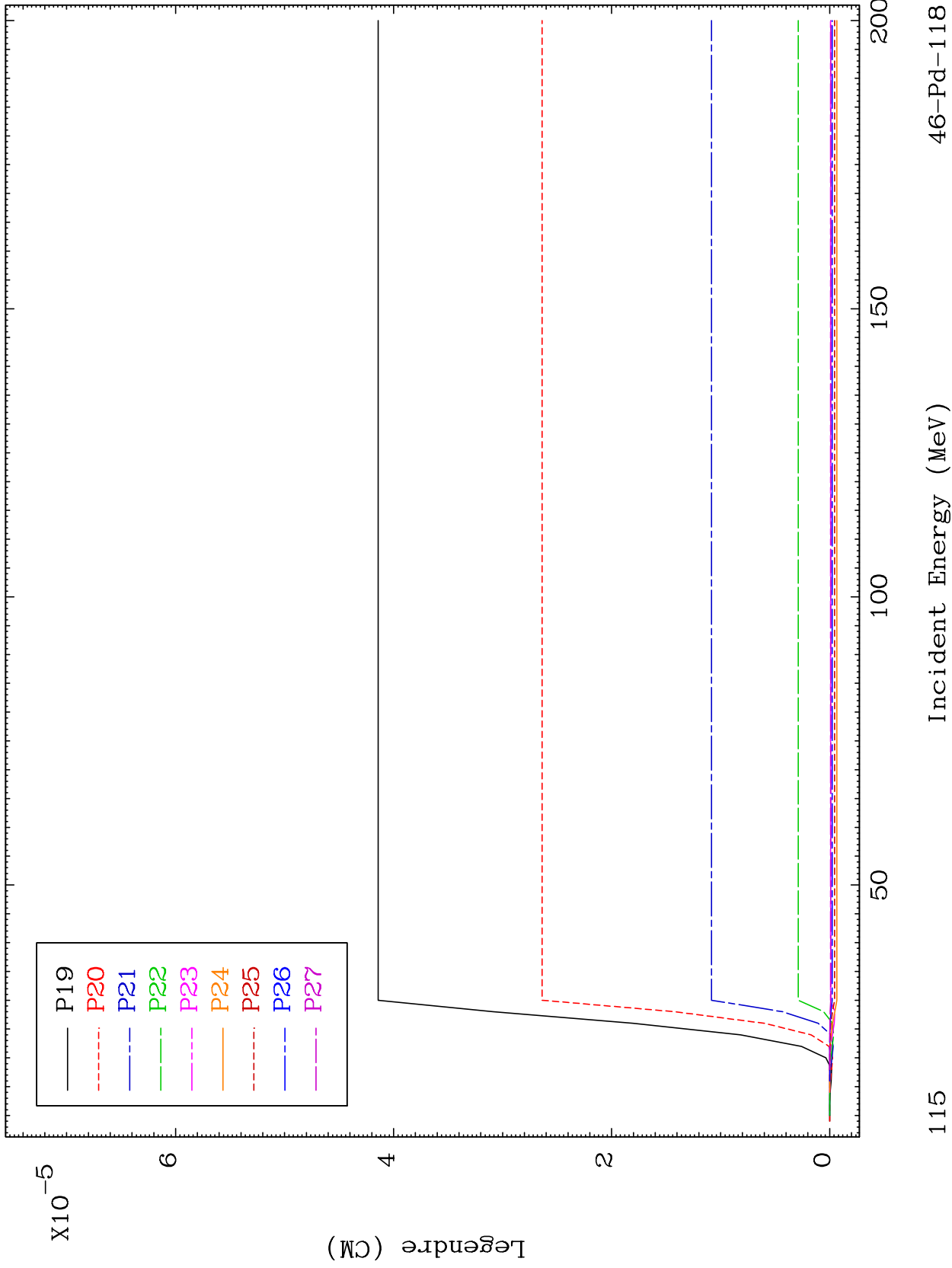
Incident Energy (MeV)

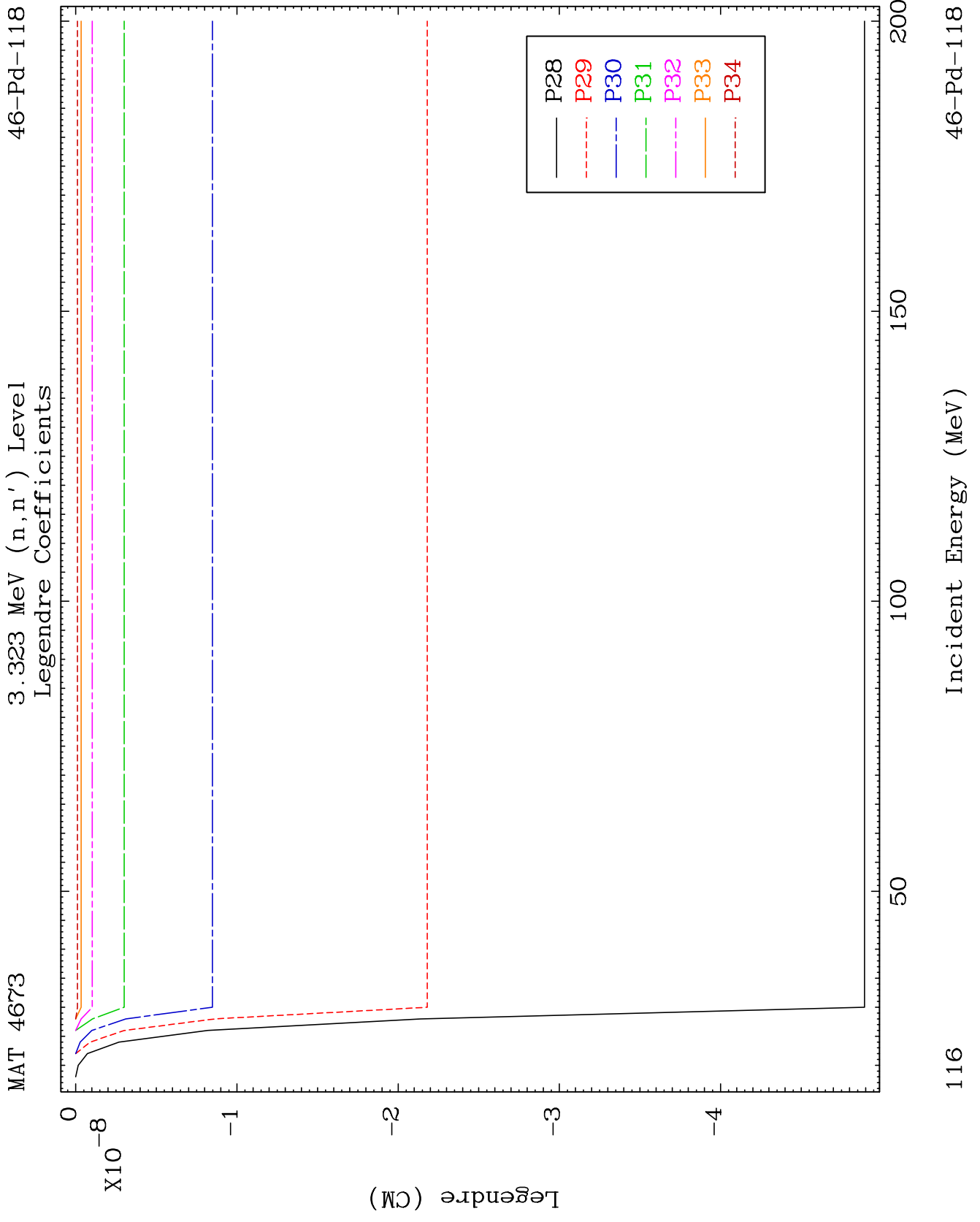
46-Pd-118

MAT 4673

3.323 MeV (n,n') Level
Legendre Coefficients

46-Pd-118

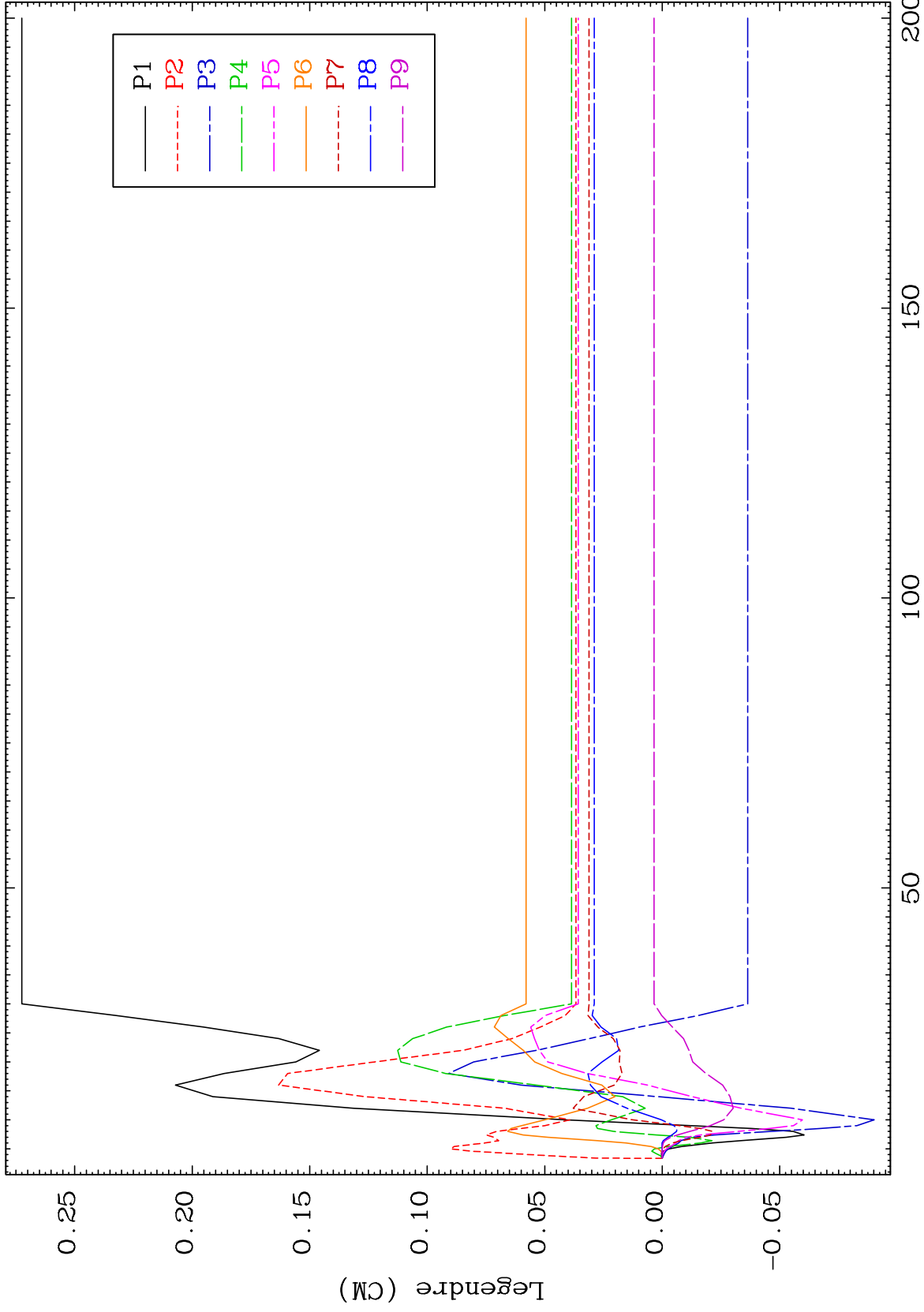




MAT 4673

3.324 MeV (n,n') Level
Legendre Coefficients

46-Pd-118



117

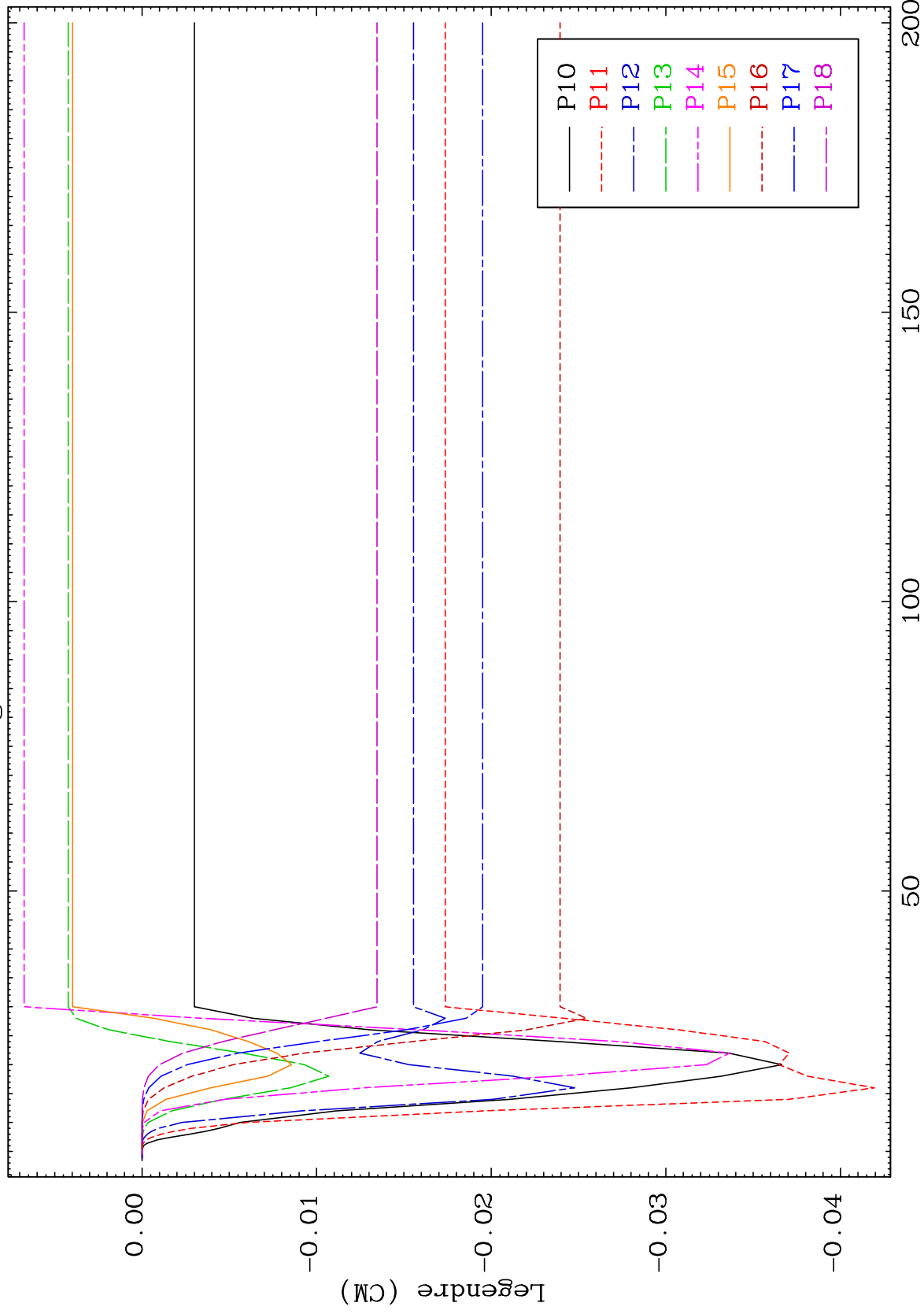
Incident Energy (MeV)

46-Pd-118

MAT 4673

3.324 MeV (n,n') Level
Legendre Coefficients

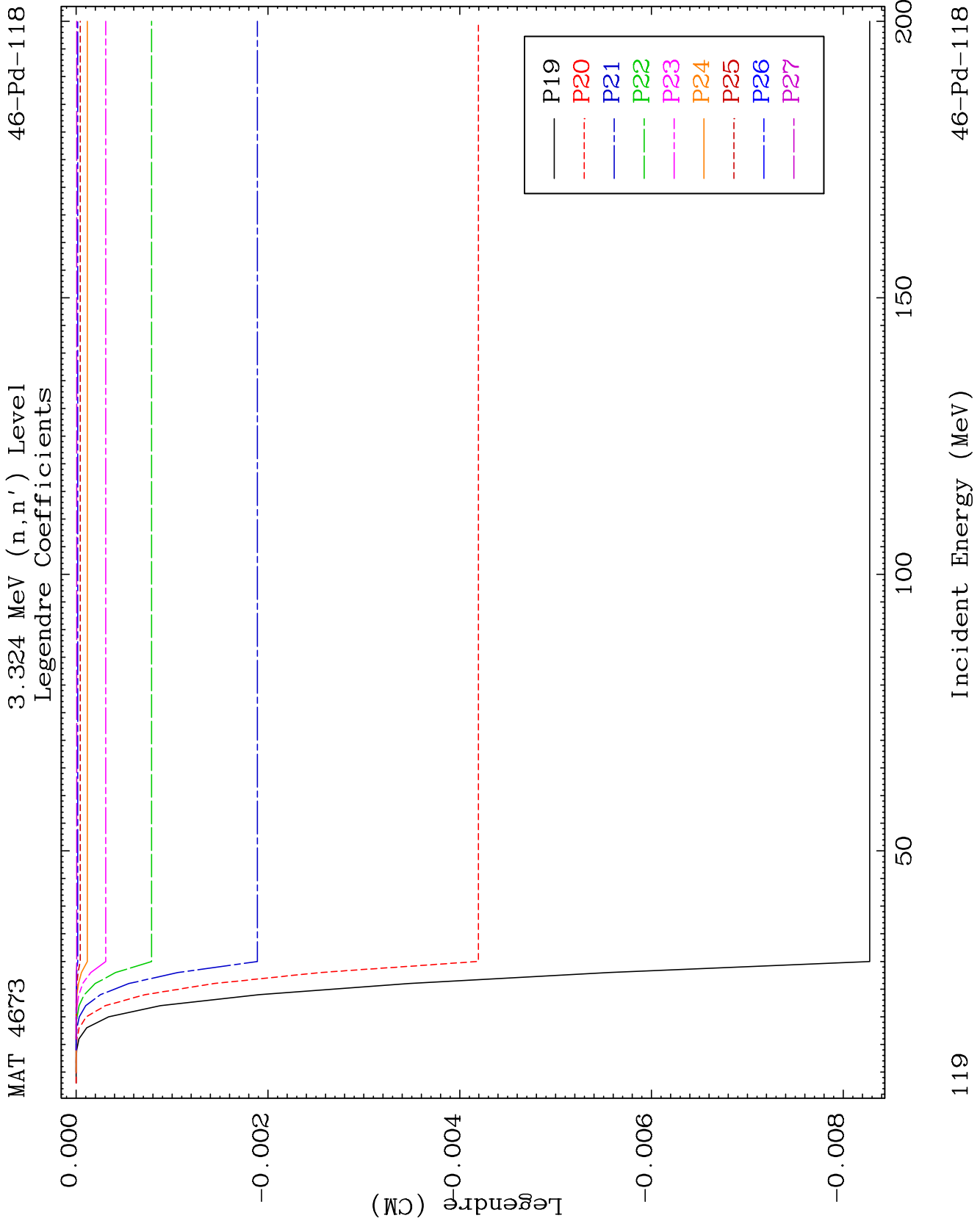
46-Pd-118

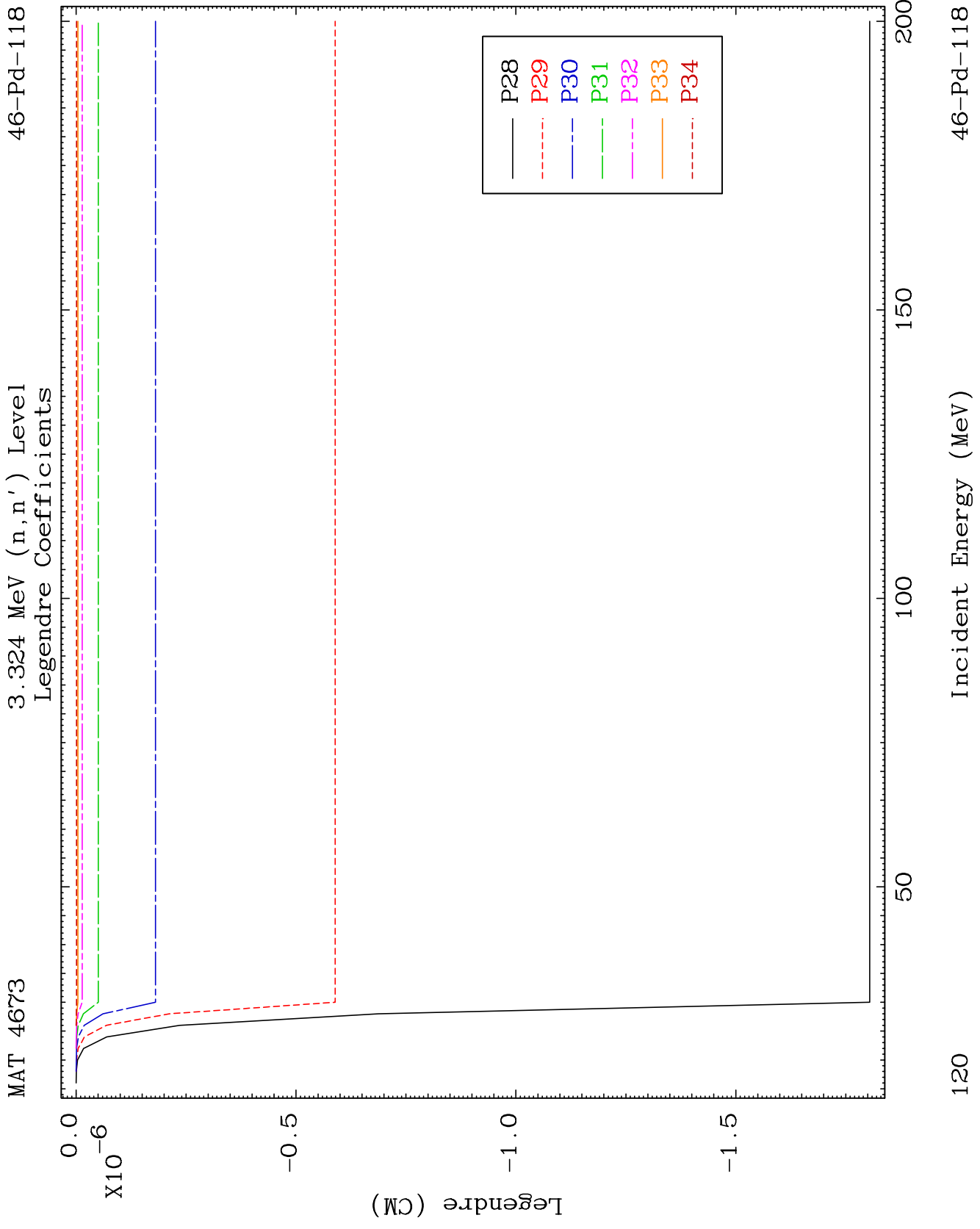


118

Incident Energy (MeV)

46-Pd-118



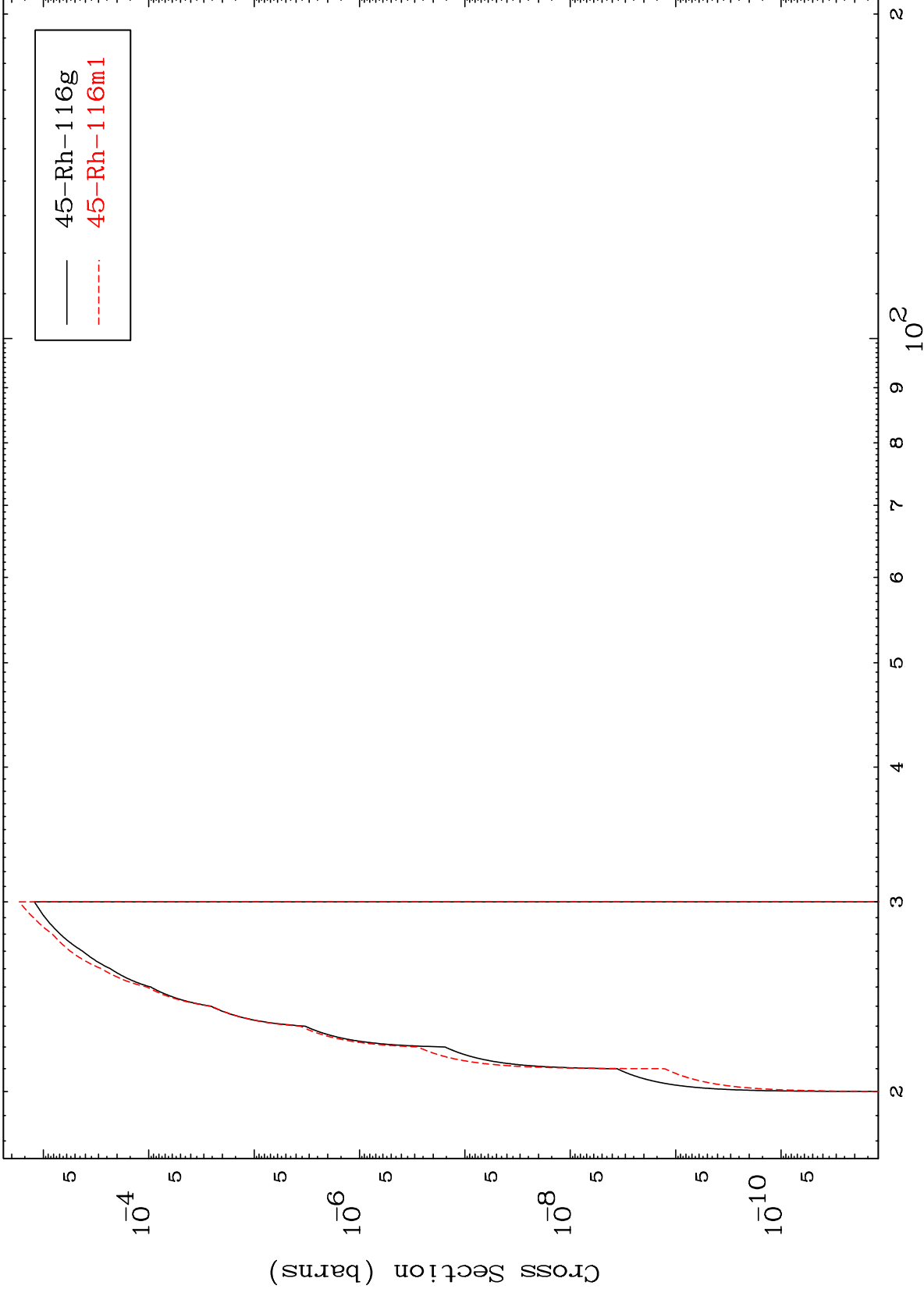


MAT 4673

(n,n') d

46-Pd-118

Radionuclide Production Cross Section



121

Incident Energy (MeV)

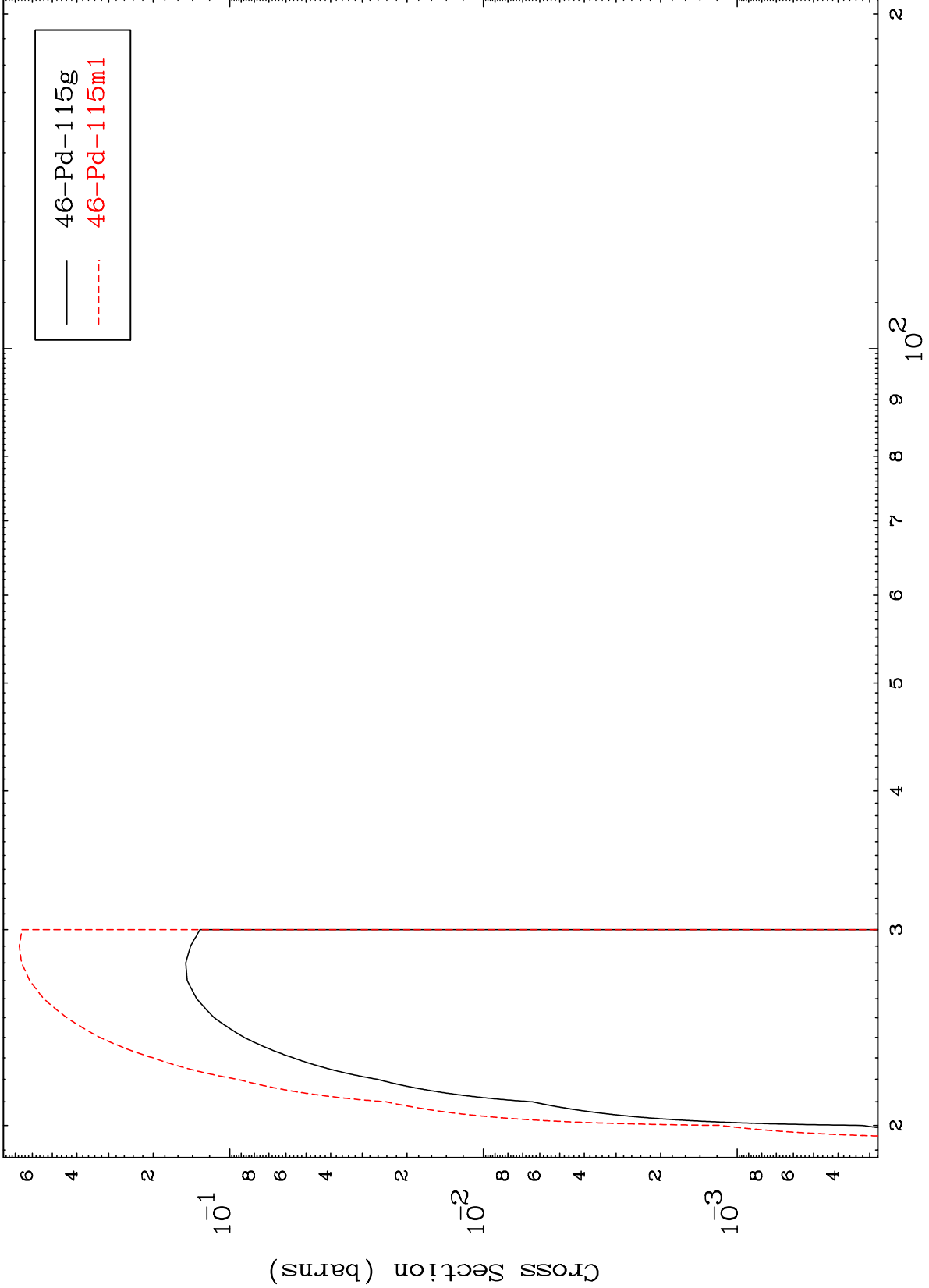
46-Pd-118

MAT 4673

(n,4n)

46-Pd-118

Radionuclide Production Cross Section



46-Pd-115g
46-Pd-115m1

122

Incident Energy (MeV)

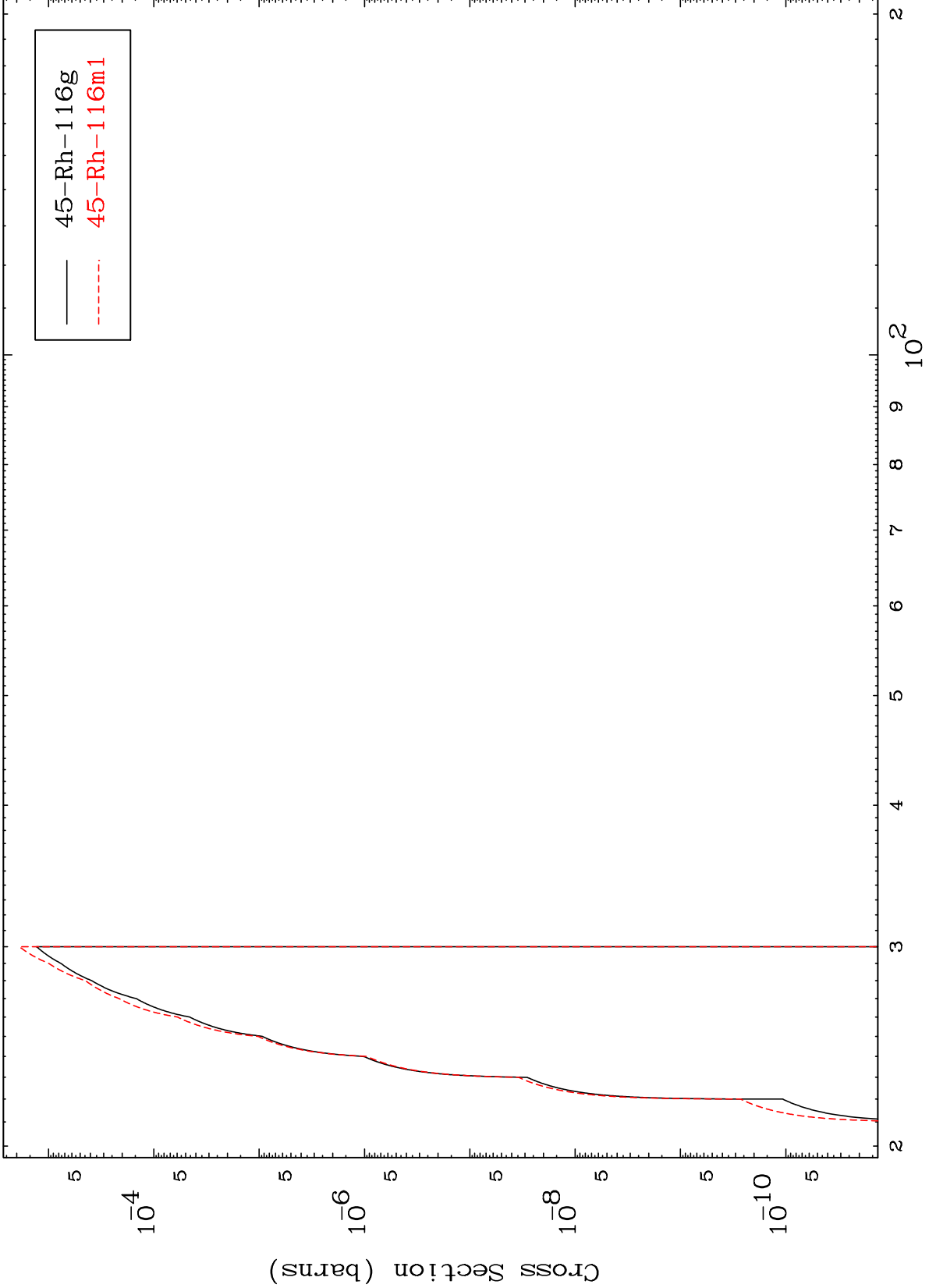
46-Pd-118

MAT 4673

(n,2n) p

46-Pd-118

Radionuclide Production Cross Section



123

Incident Energy (MeV)

46-Pd-118

(n, t)
Radionuclide Production Cross Section

