

Program EVALPLOT
(Version 2015-2)

by

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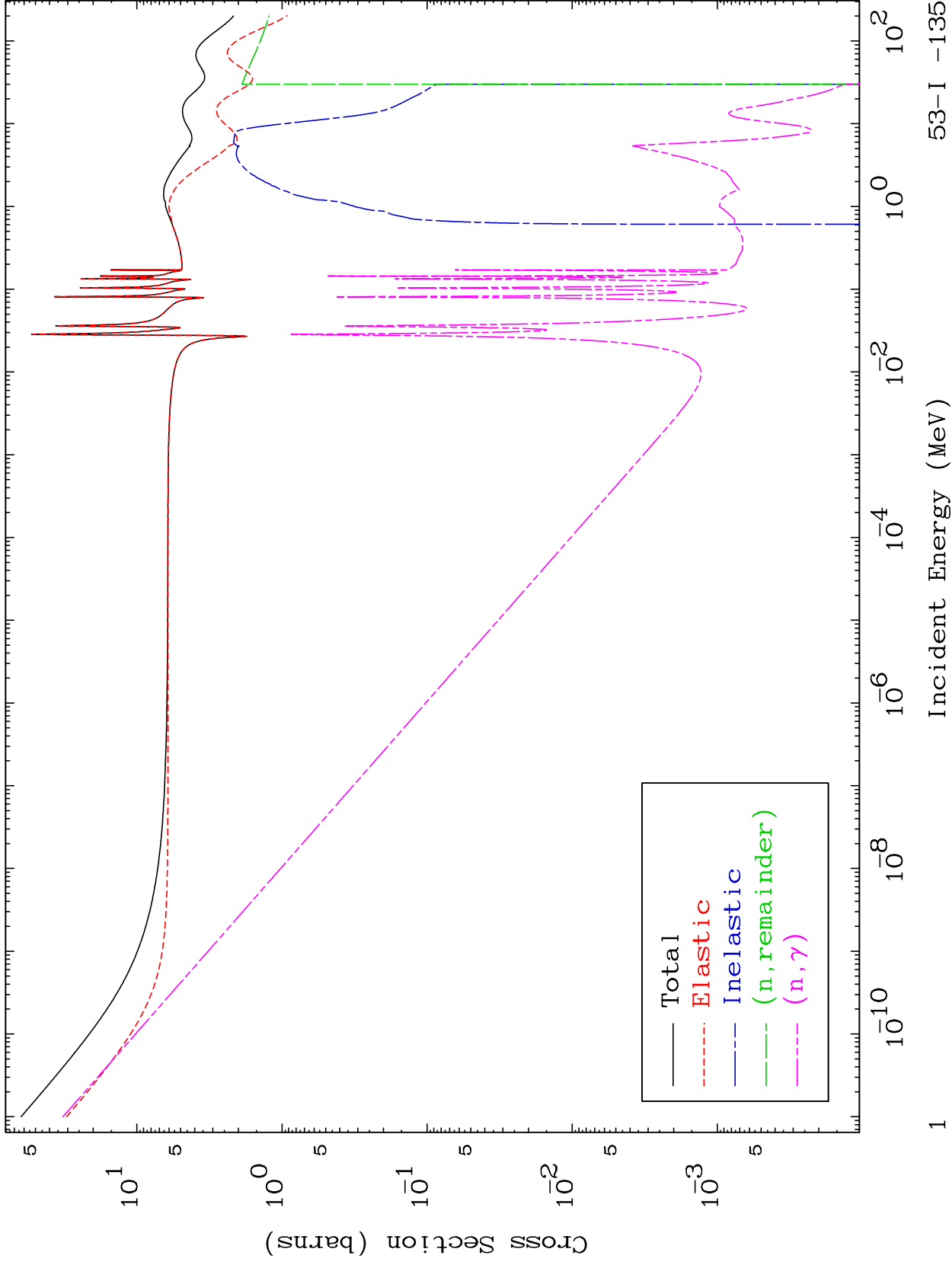
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

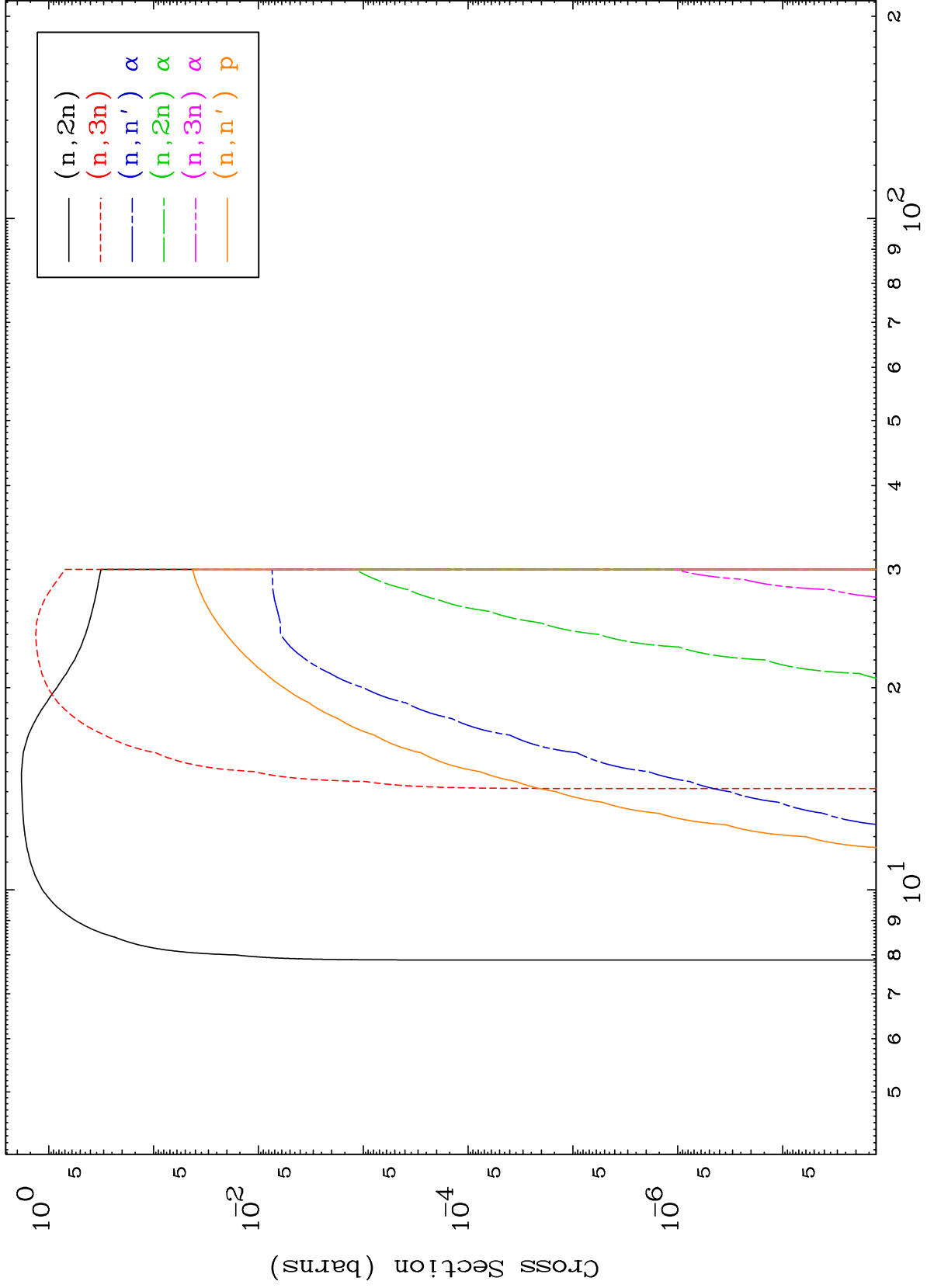
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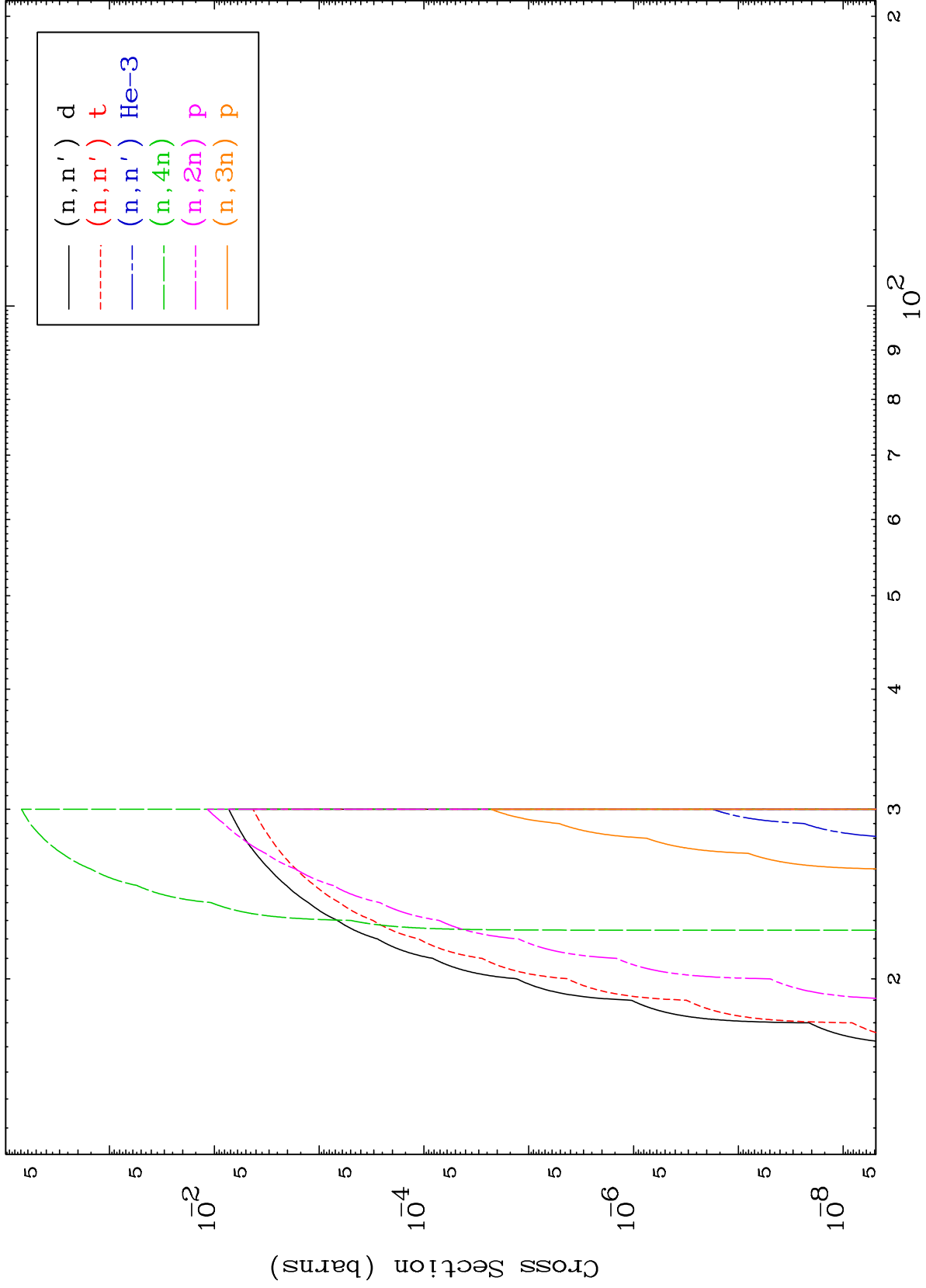
MAT 5349

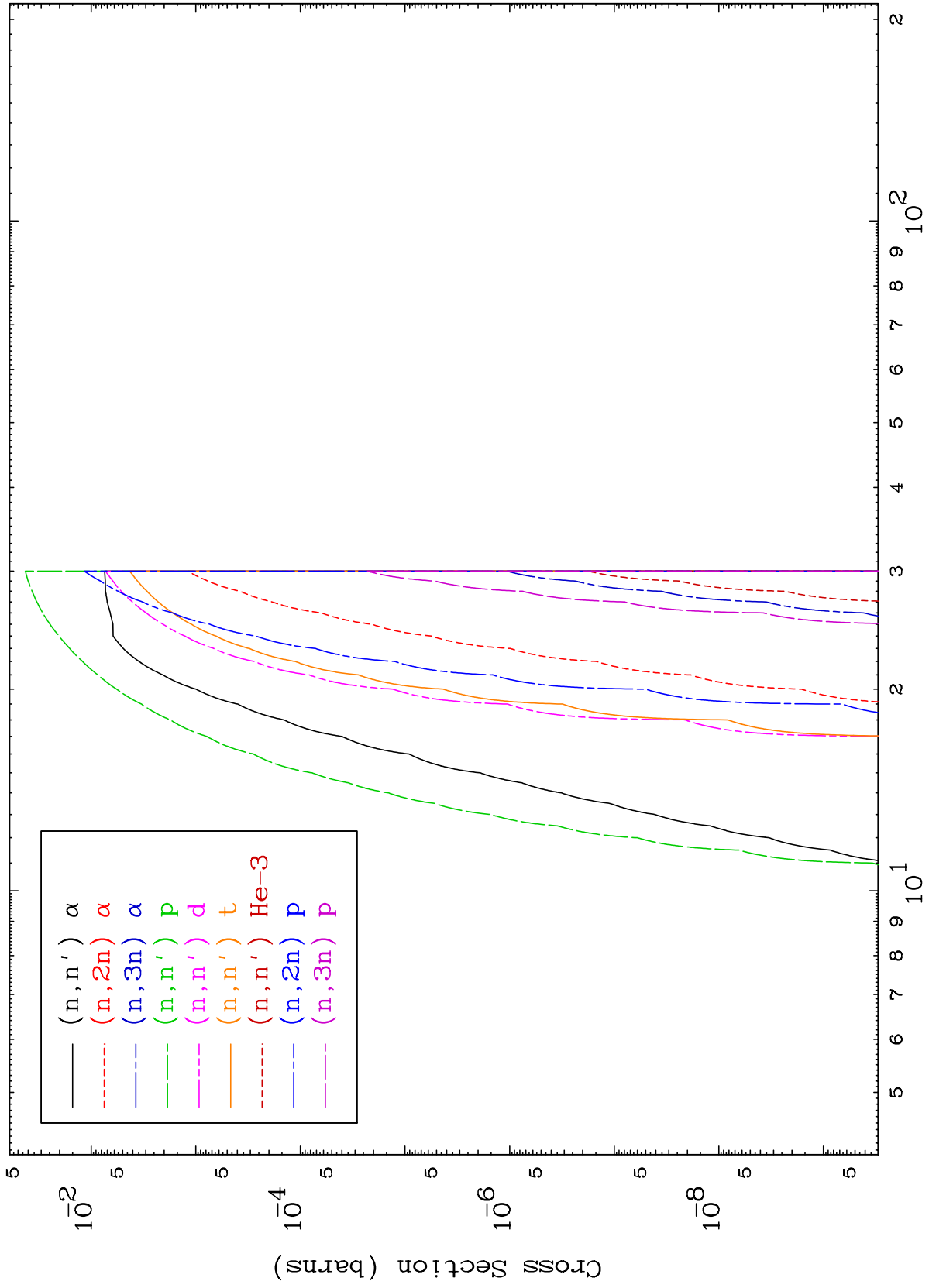
Major
293 Kelvin Cross Sections

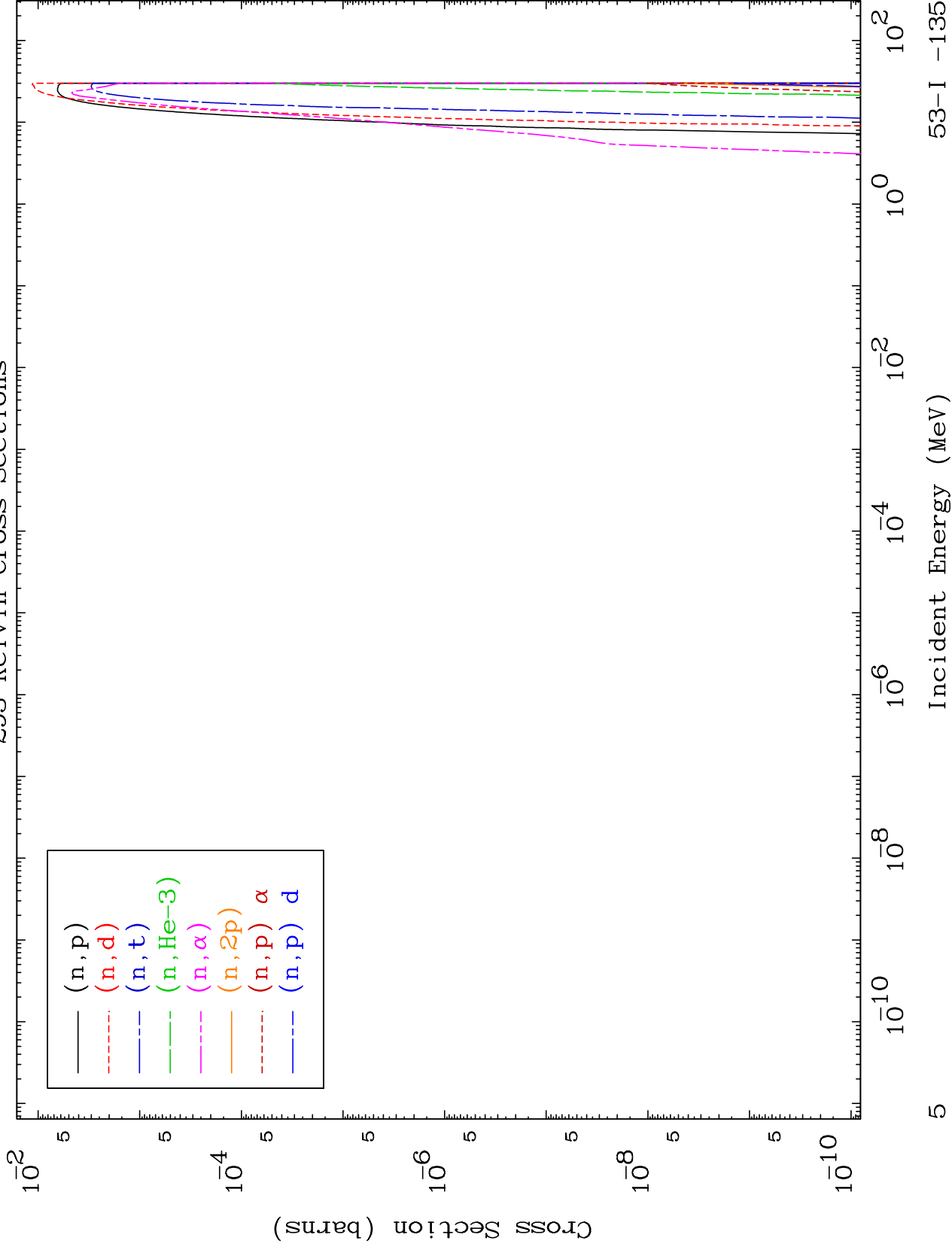
53-I -135







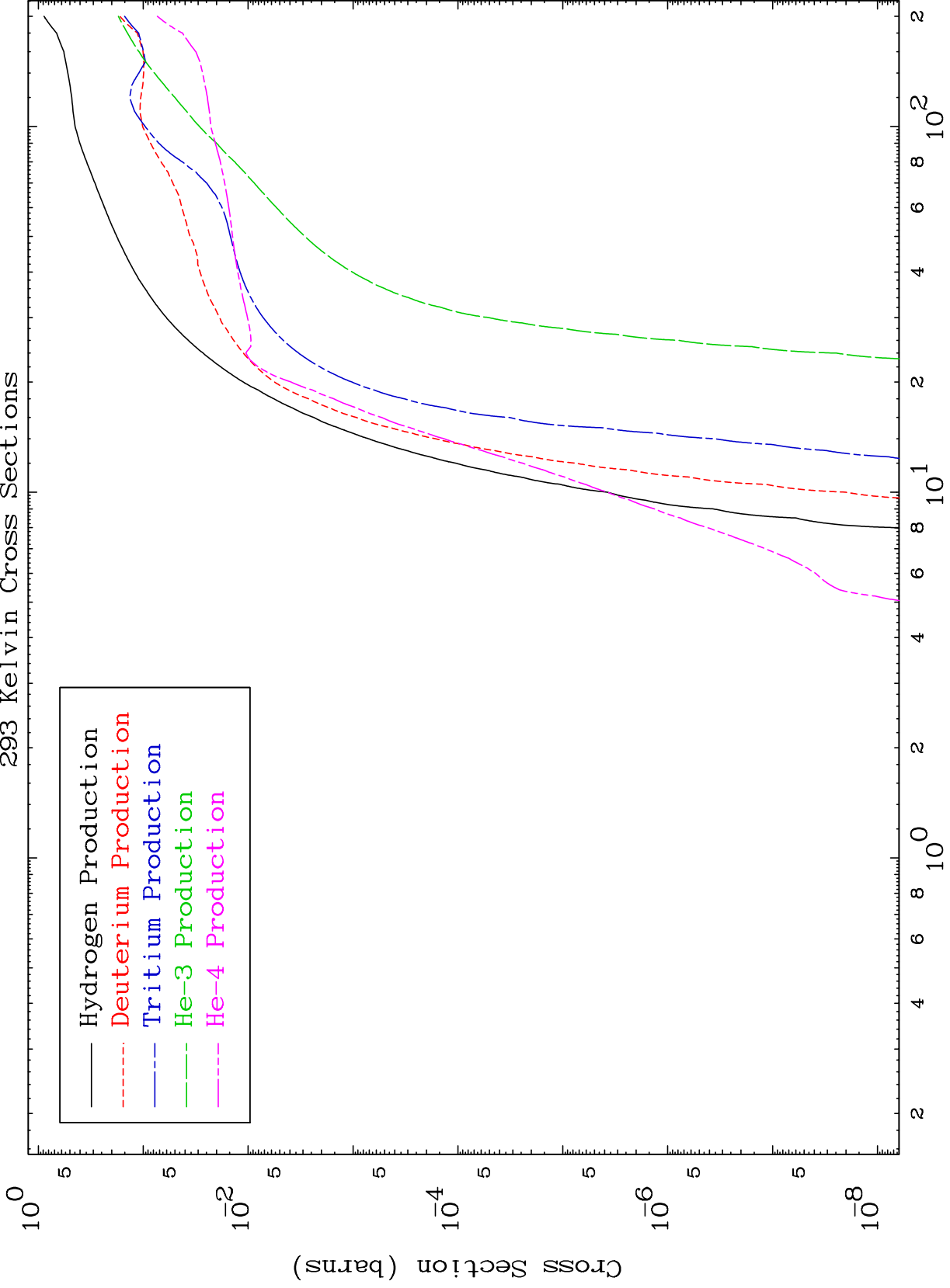




MAT 5349

Particle Production
293 Kelvin Cross Sections

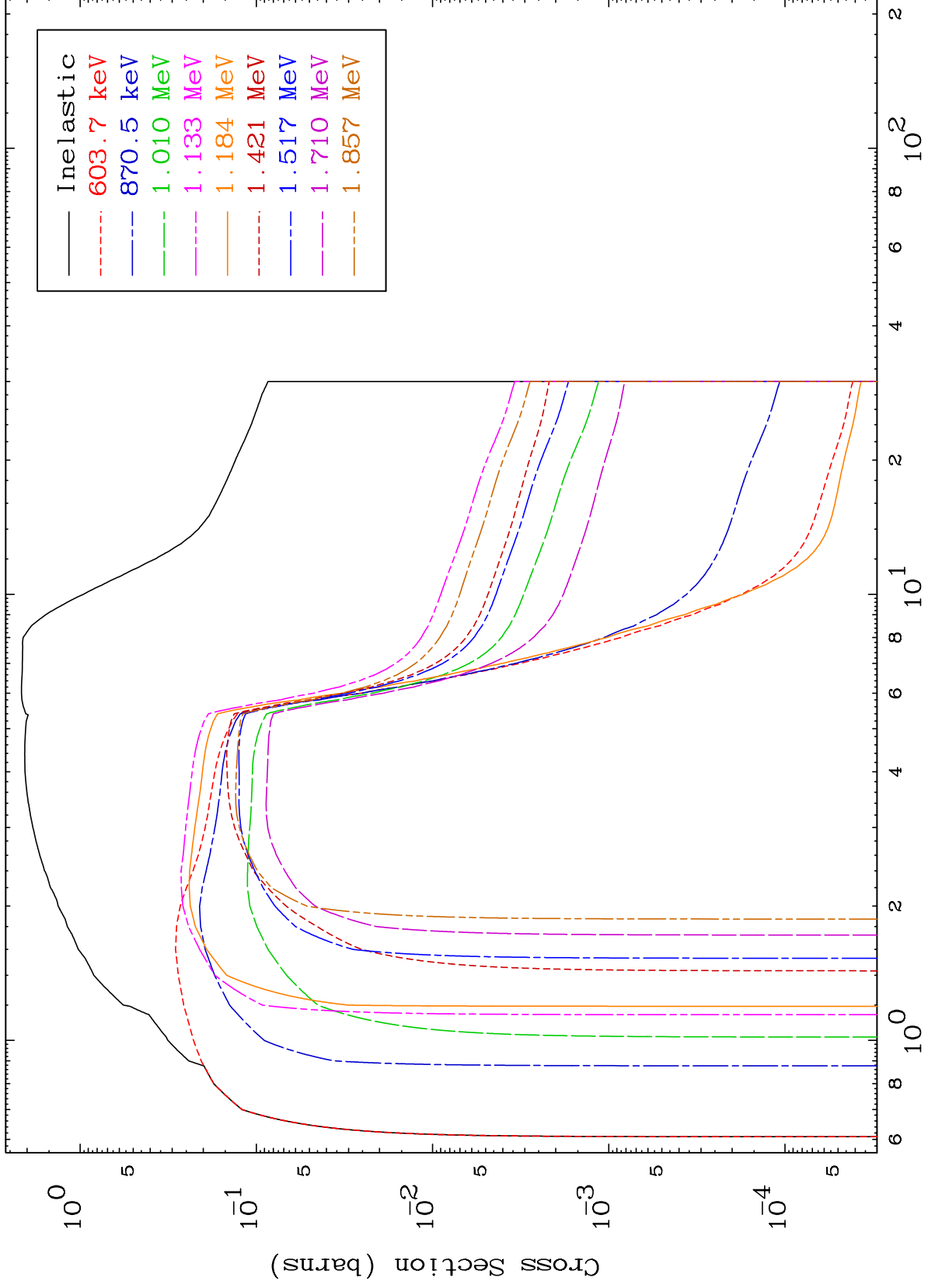
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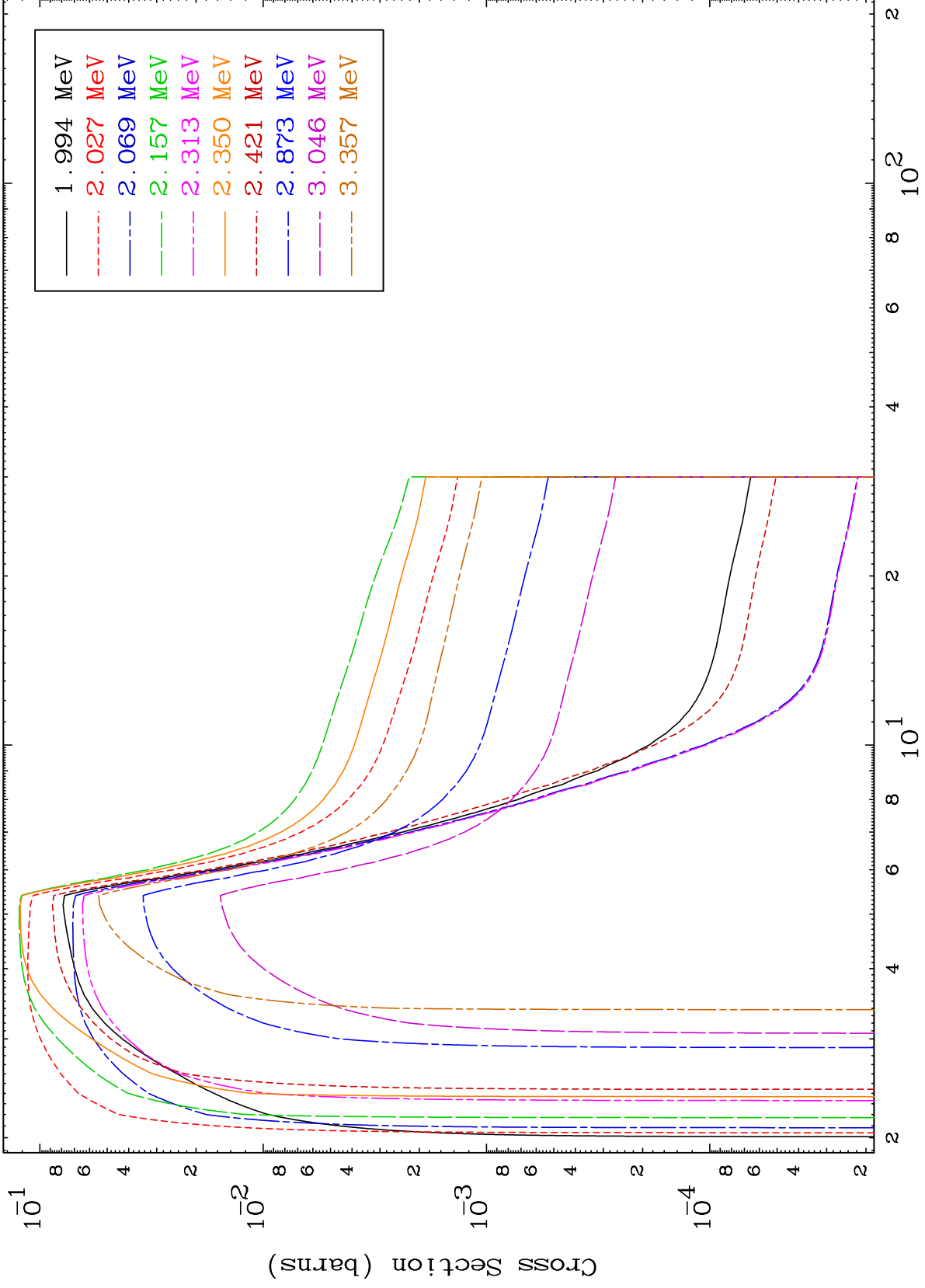


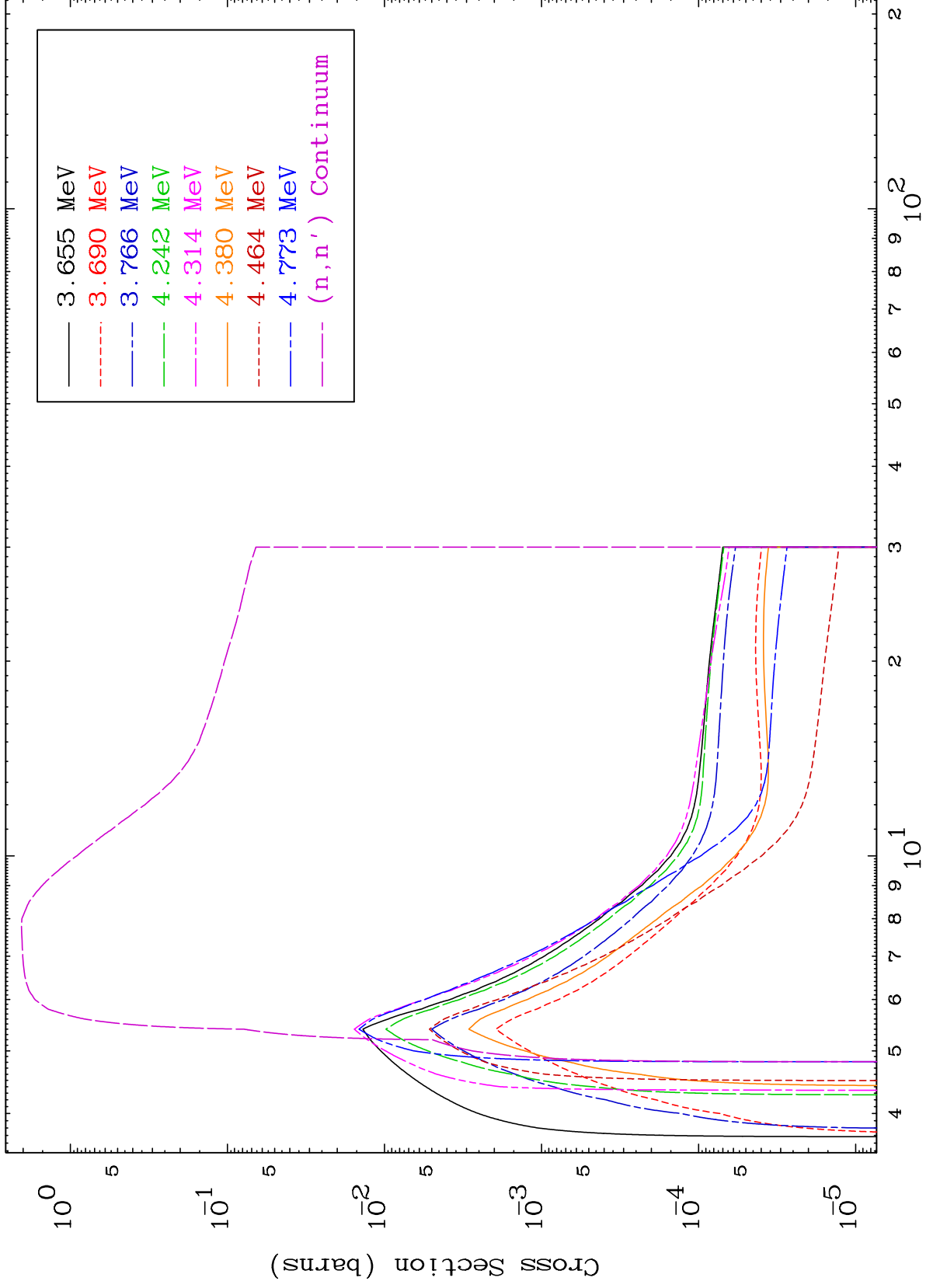
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Incident Energy (MeV)

53-I -135



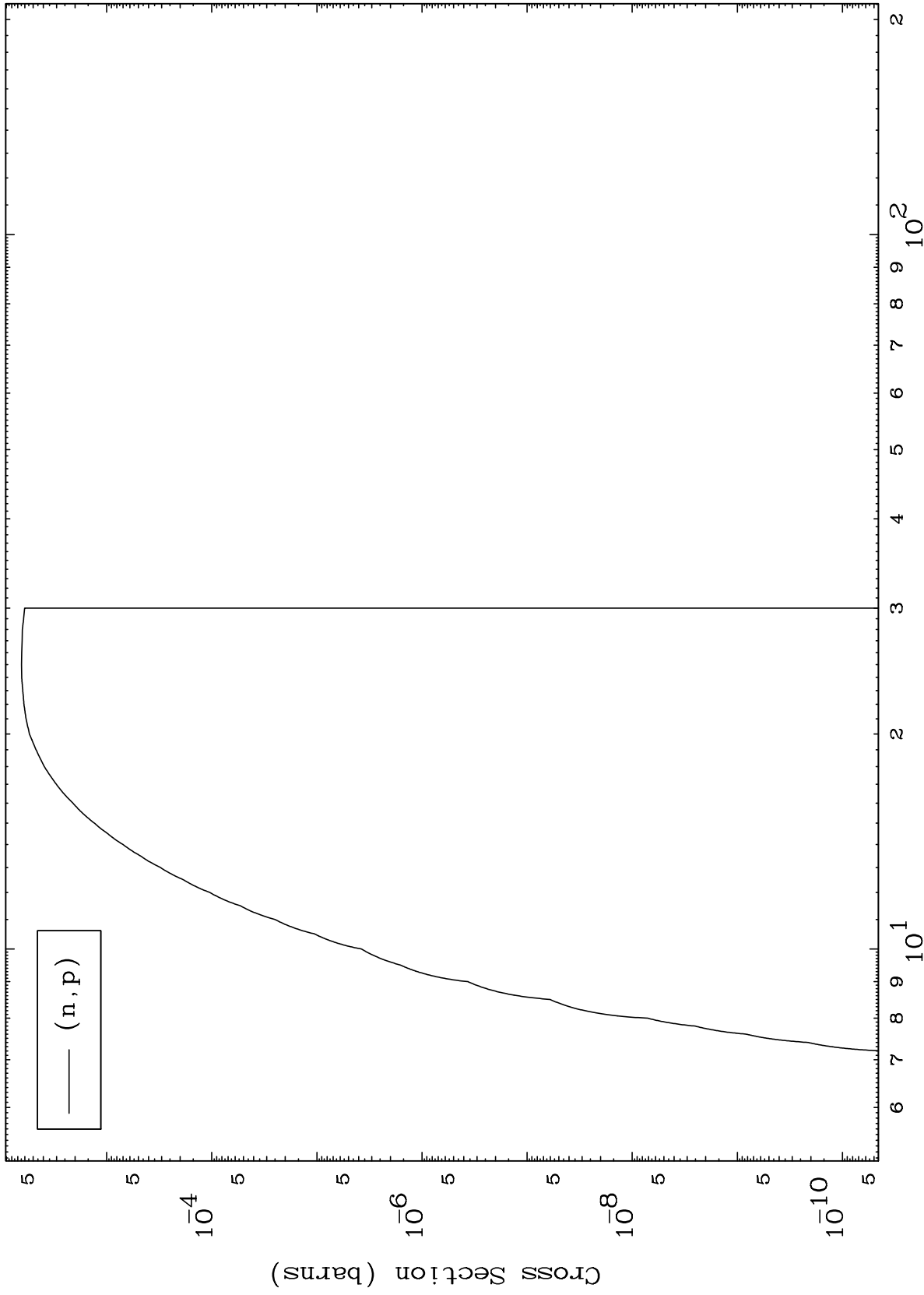




MAT 5349

(n,p) Levels
293 Kelvin Cross Sections

53-I -135



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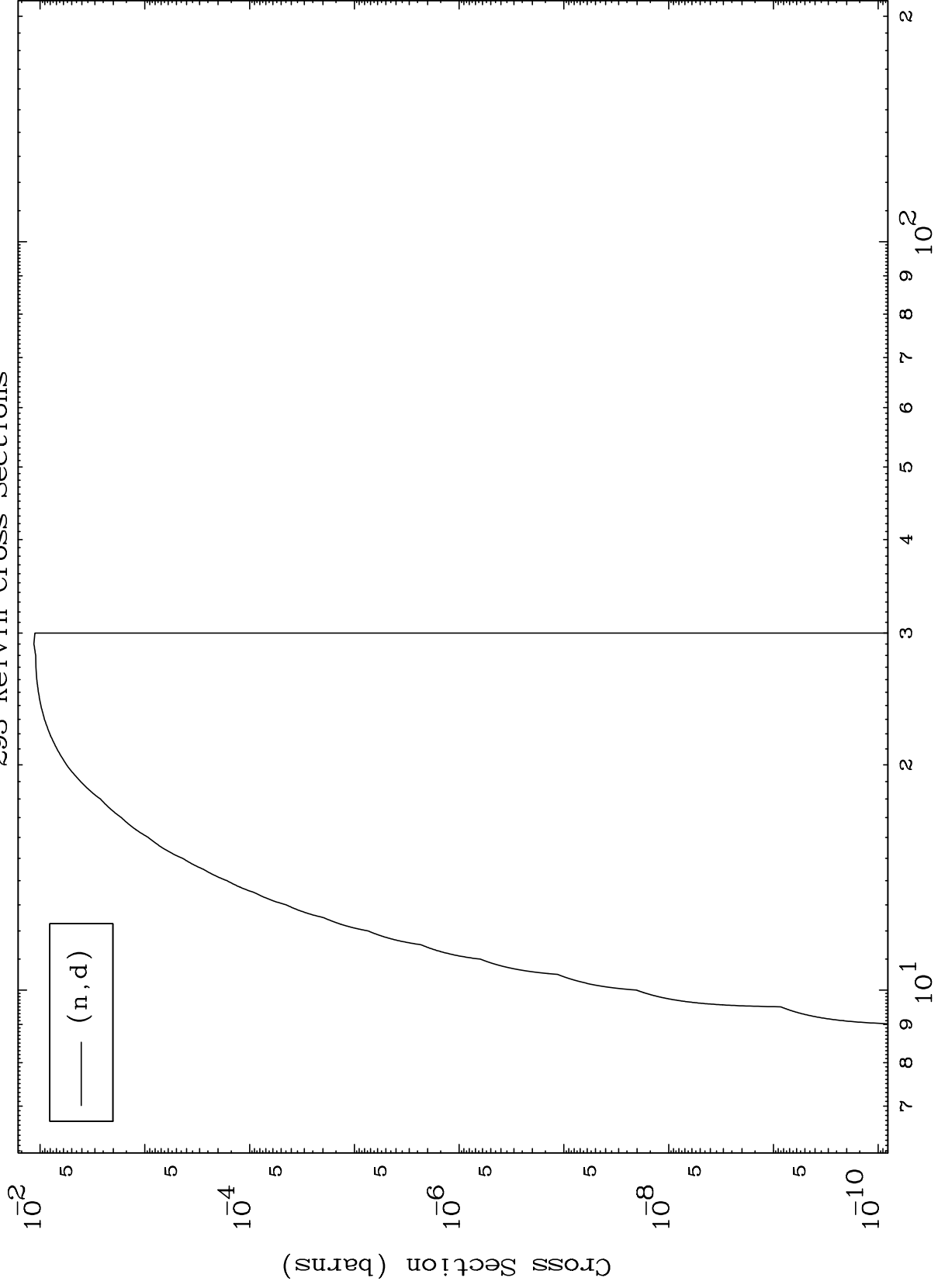
Incident Energy (MeV)

53-I -135

MAT 5349

(n,d) Levels
293 Kelvin Cross Sections

53-I -135



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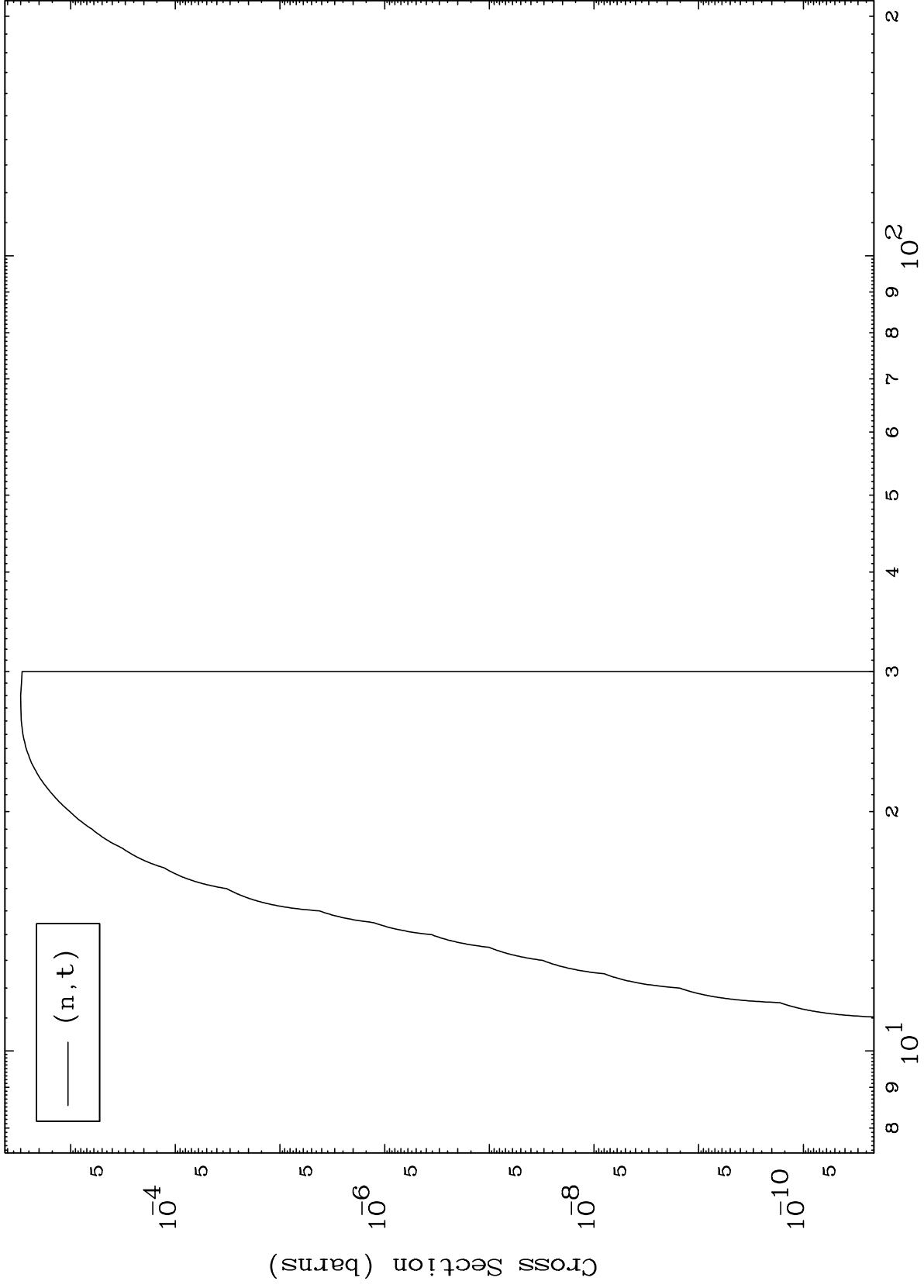
Incident Energy (MeV)

53-I -135

MAT 5349

(n,t) Levels
293 Kelvin Cross Sections

53-I -135



12

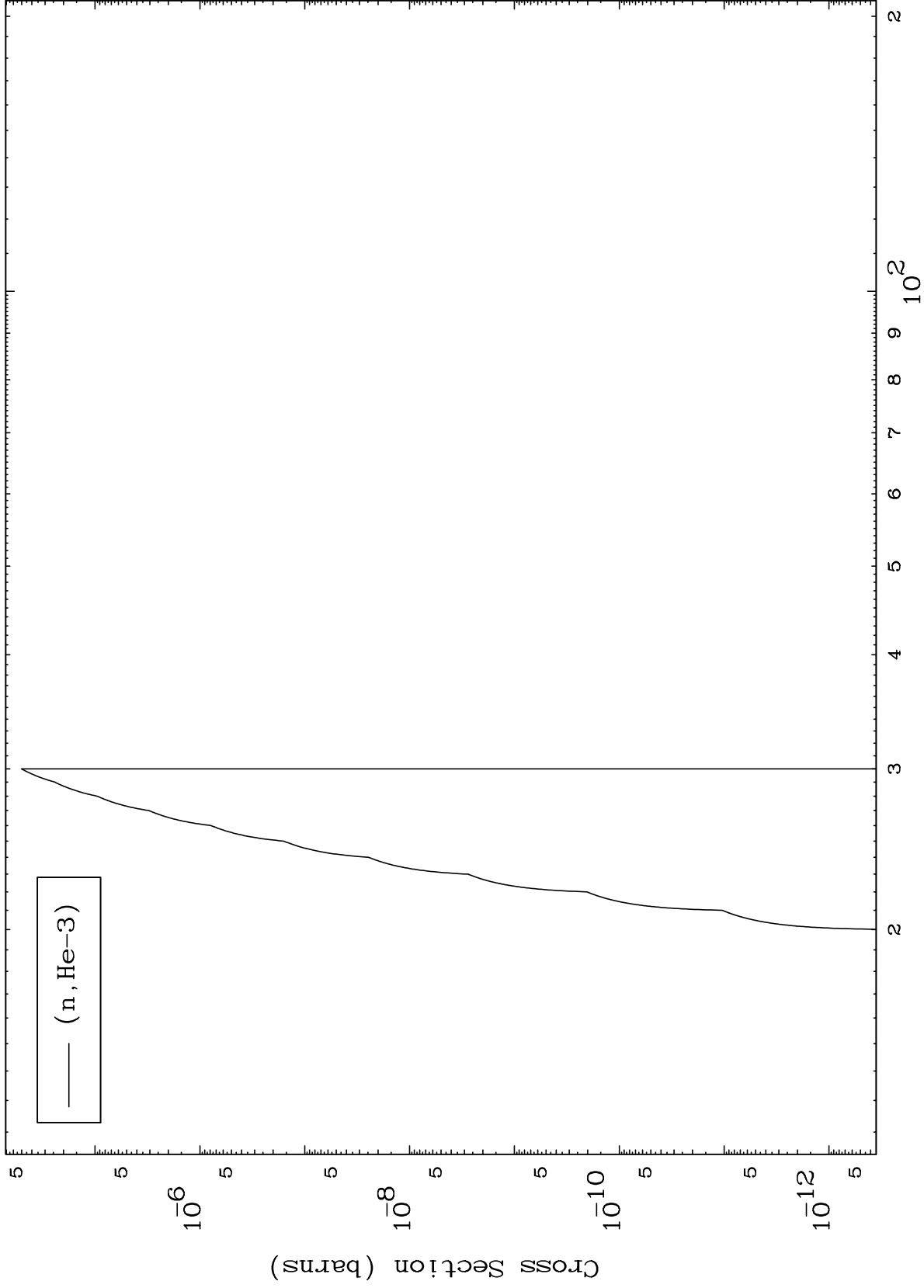
Incident Energy (MeV)

53-I -135

MAT 5349

(n,He3) Levels
293 Kelvin Cross Sections

53-I -135



13

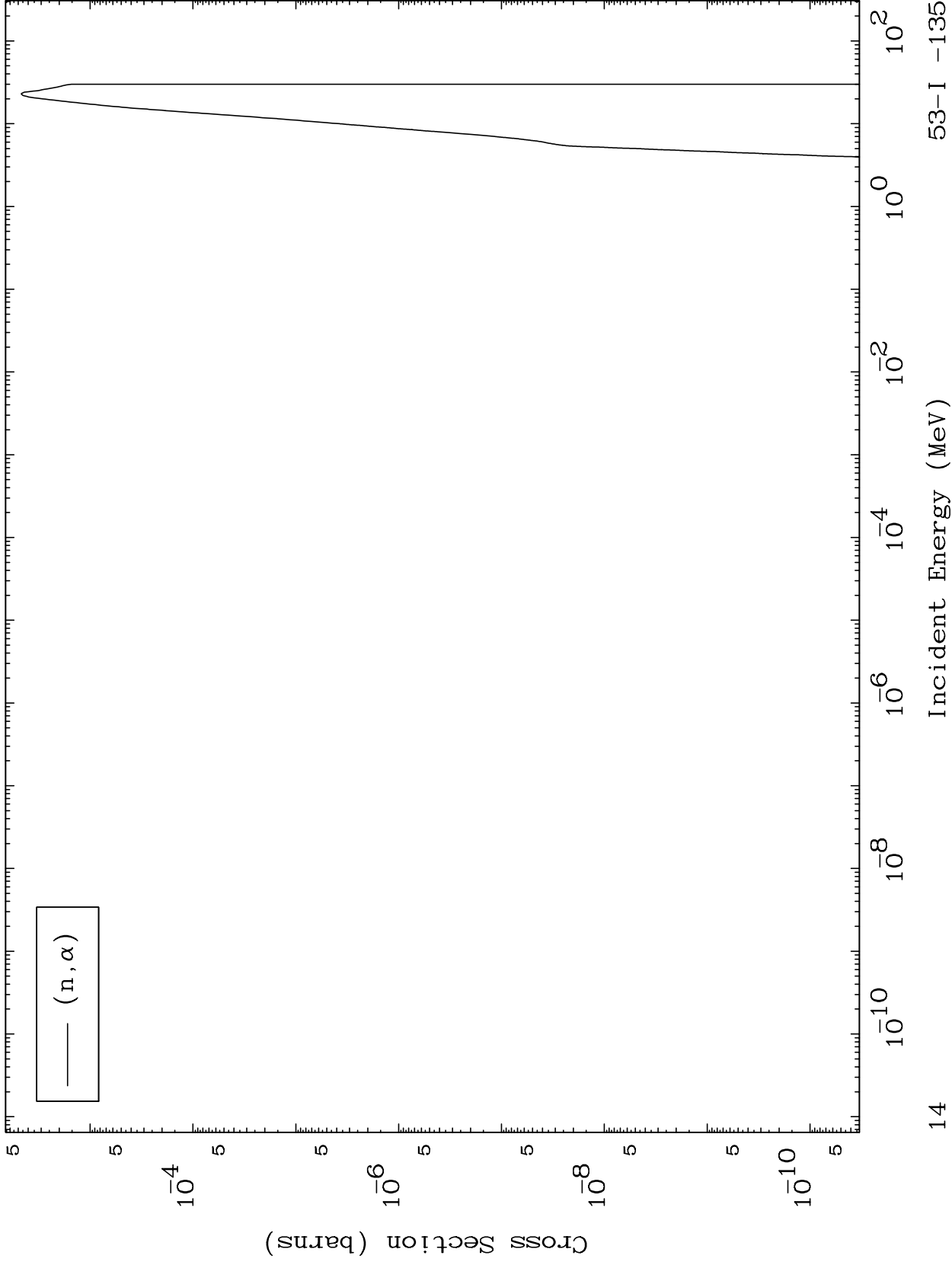
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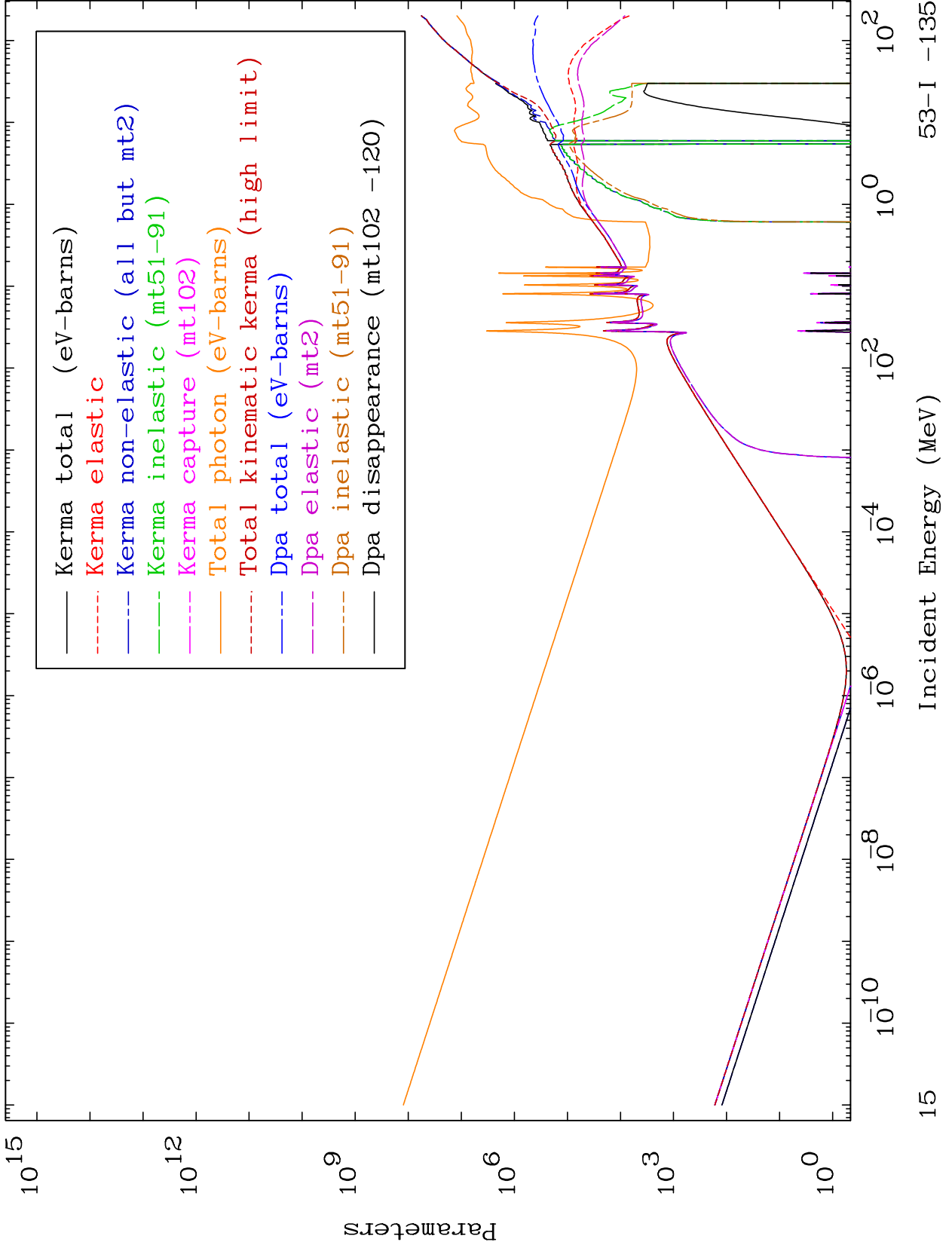
53-I -135

MAT 5349

(n, α) Levels
293 Kelvin Cross Sections

53-I -135

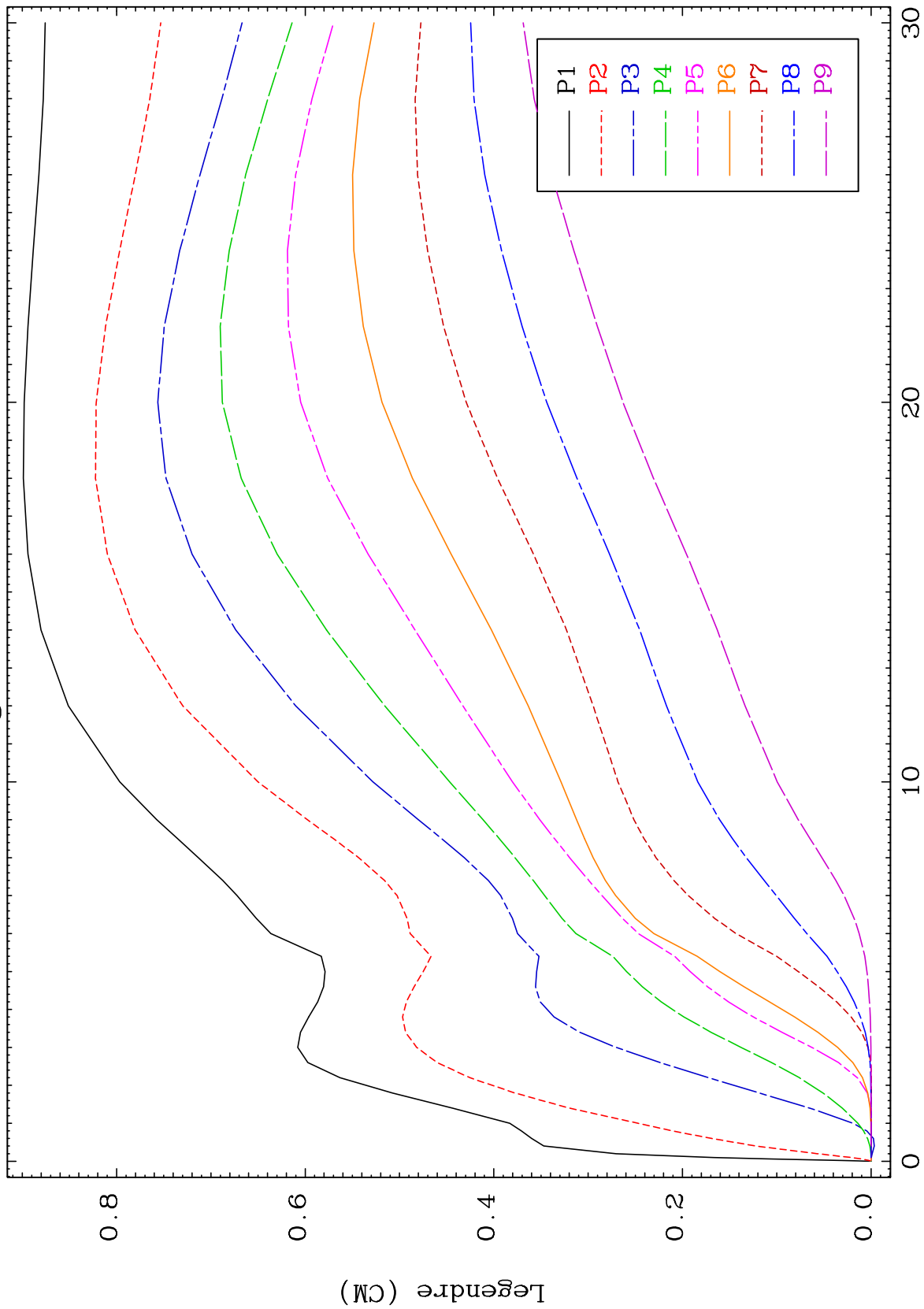




MAT 5349

Elastic Legendre Coefficients

53-I -135



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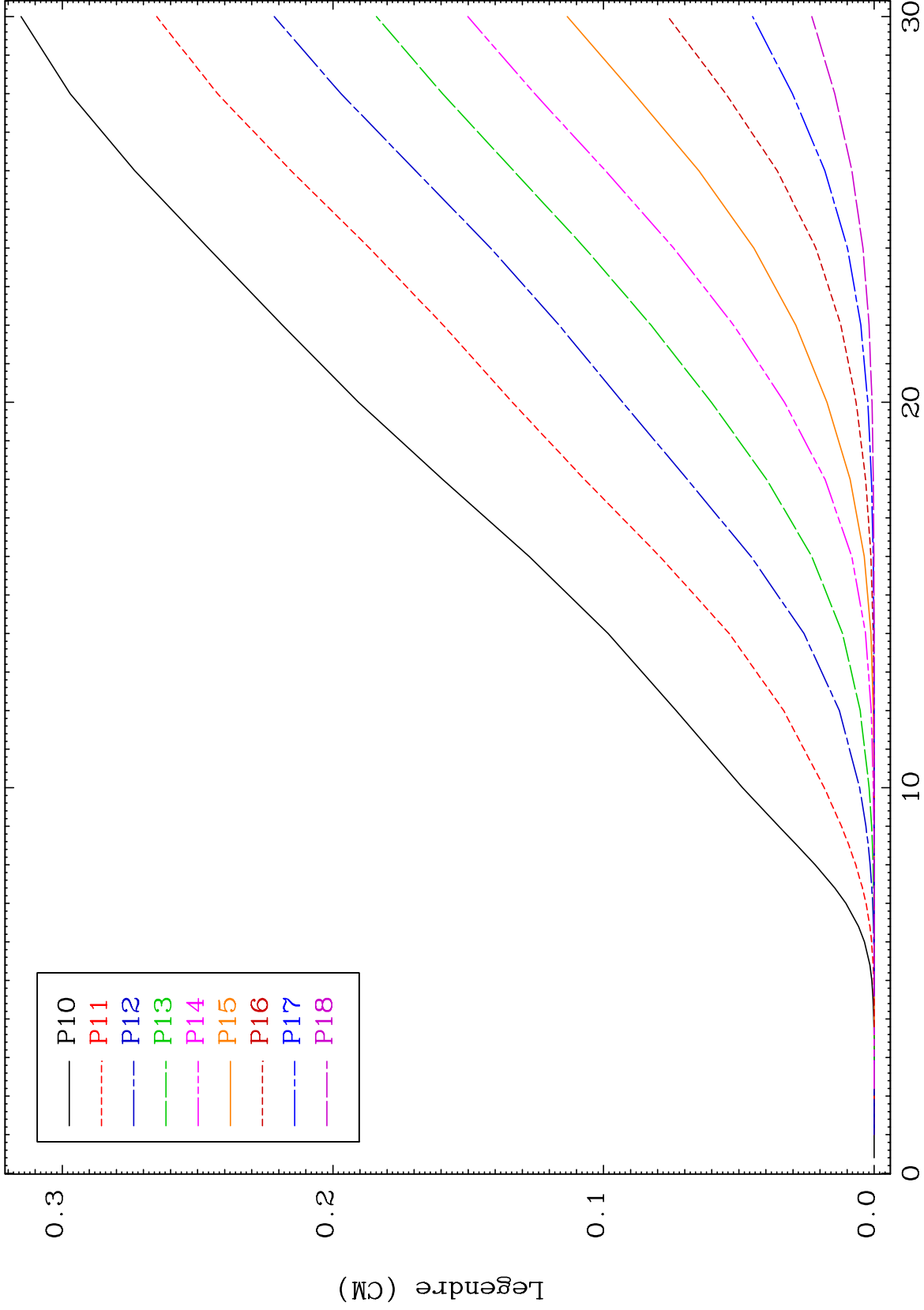
Incident Energy (MeV)

53-I -135

MAT 5349

Elastic Legendre Coefficients

53-I -135



17

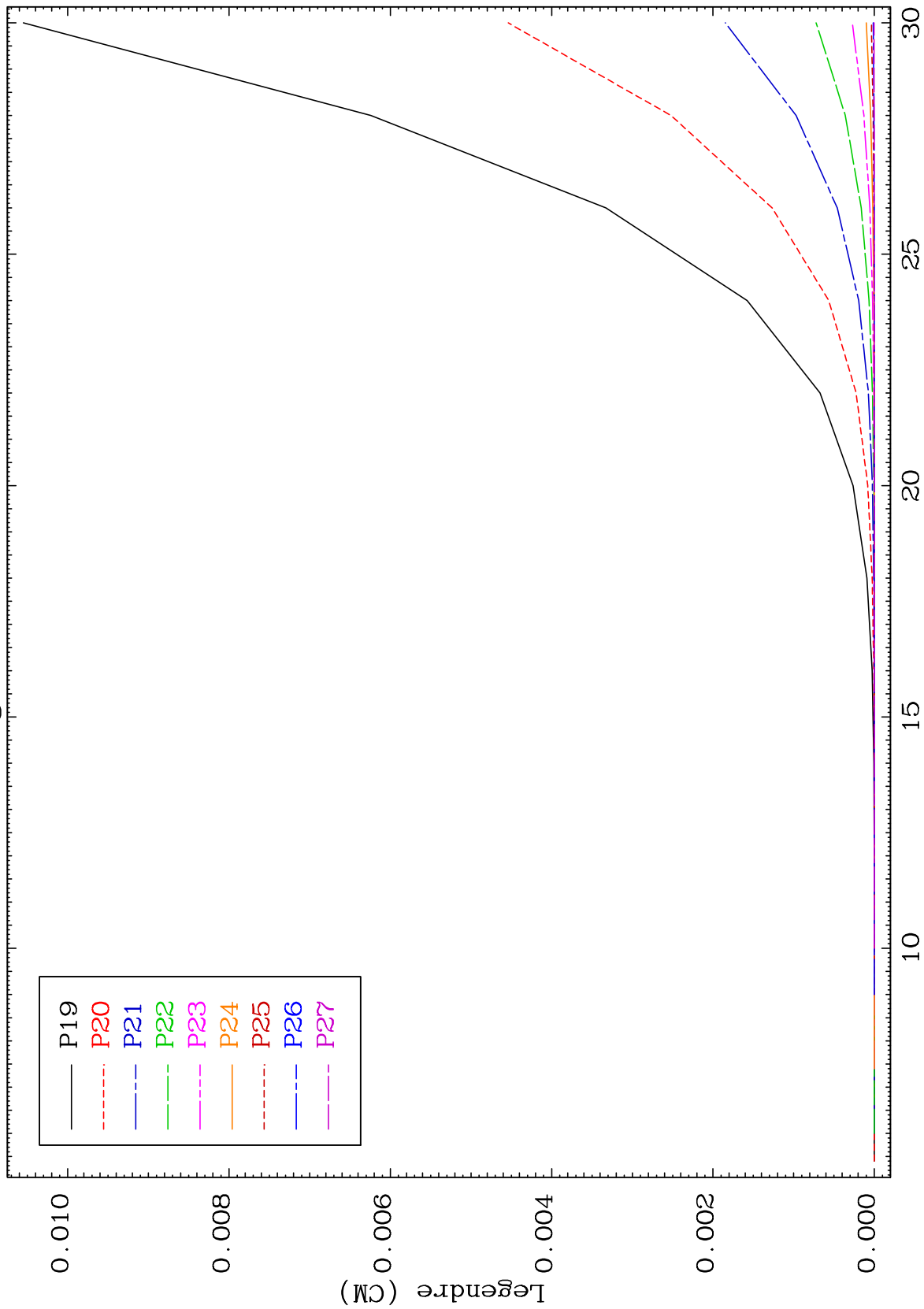
Incident Energy (MeV)

53-I -135

MAT 5349

Elastic Legendre Coefficients

53-I -135



18

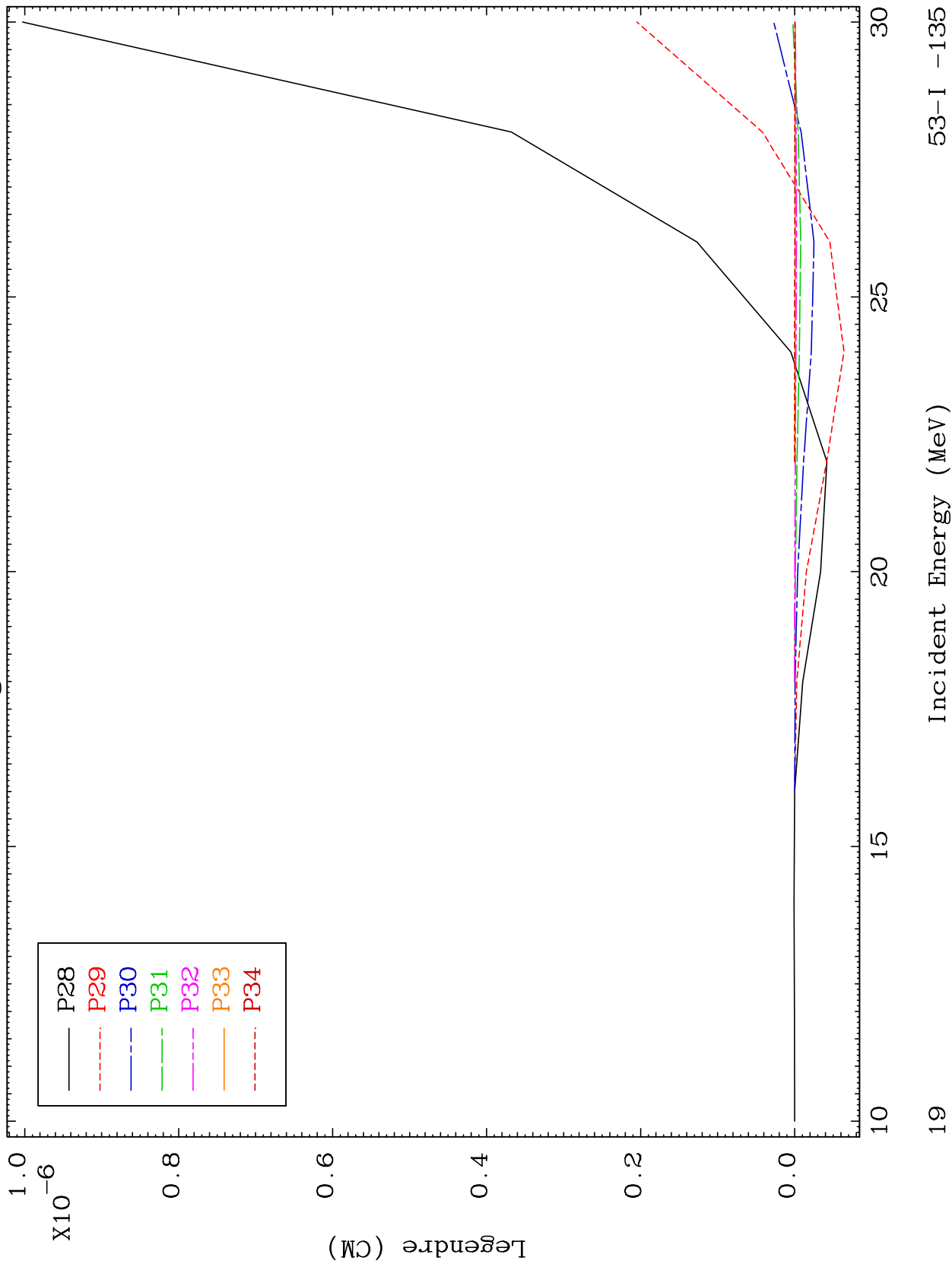
Incident Energy (MeV)

53-I -135

MAT 5349

Elastic Legendre Coefficients

53-I -135



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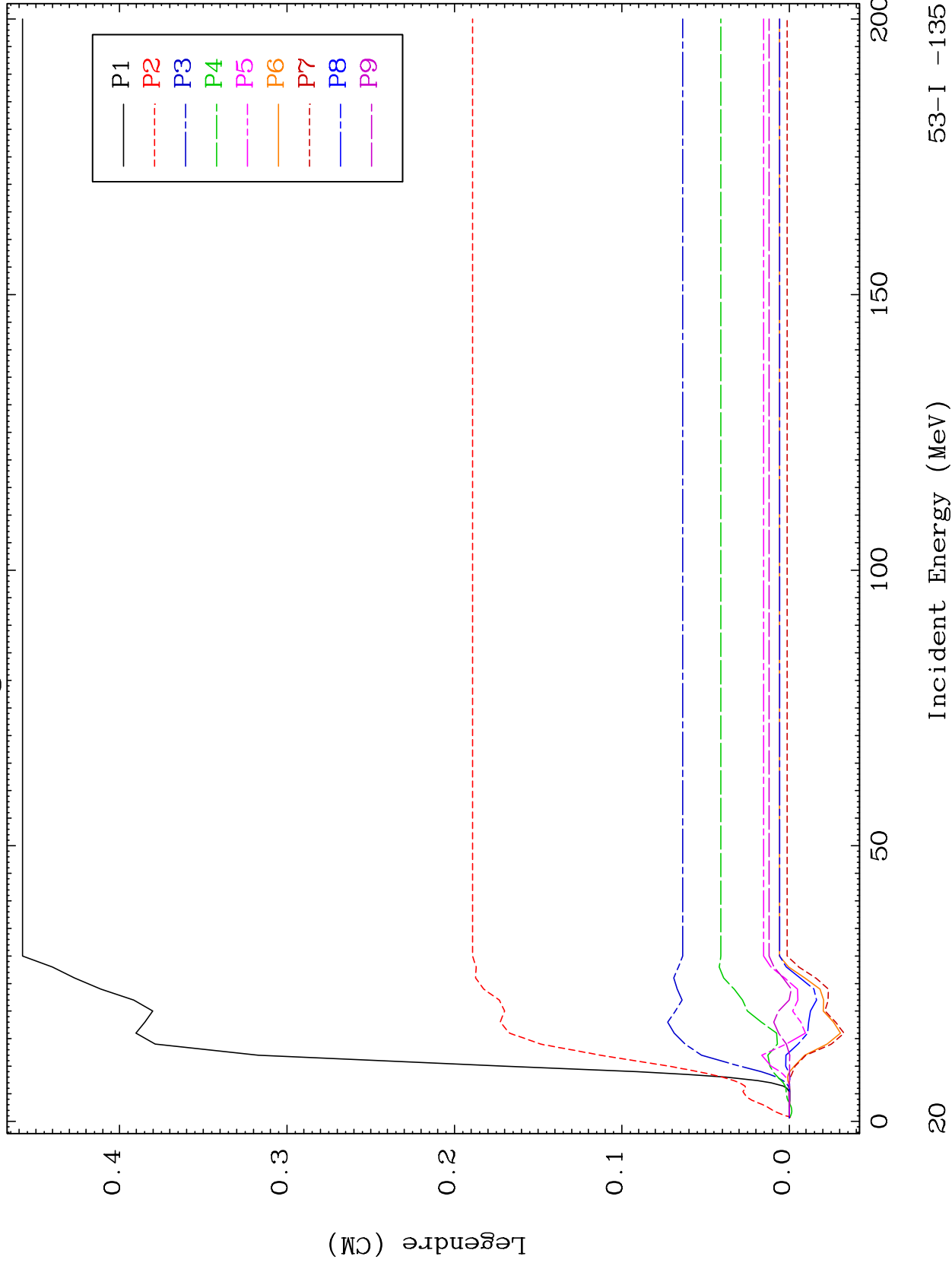
Incident Energy (MeV)

53-I -135

MAT 5349

603.7 keV (n,n') Level
Legendre Coefficients

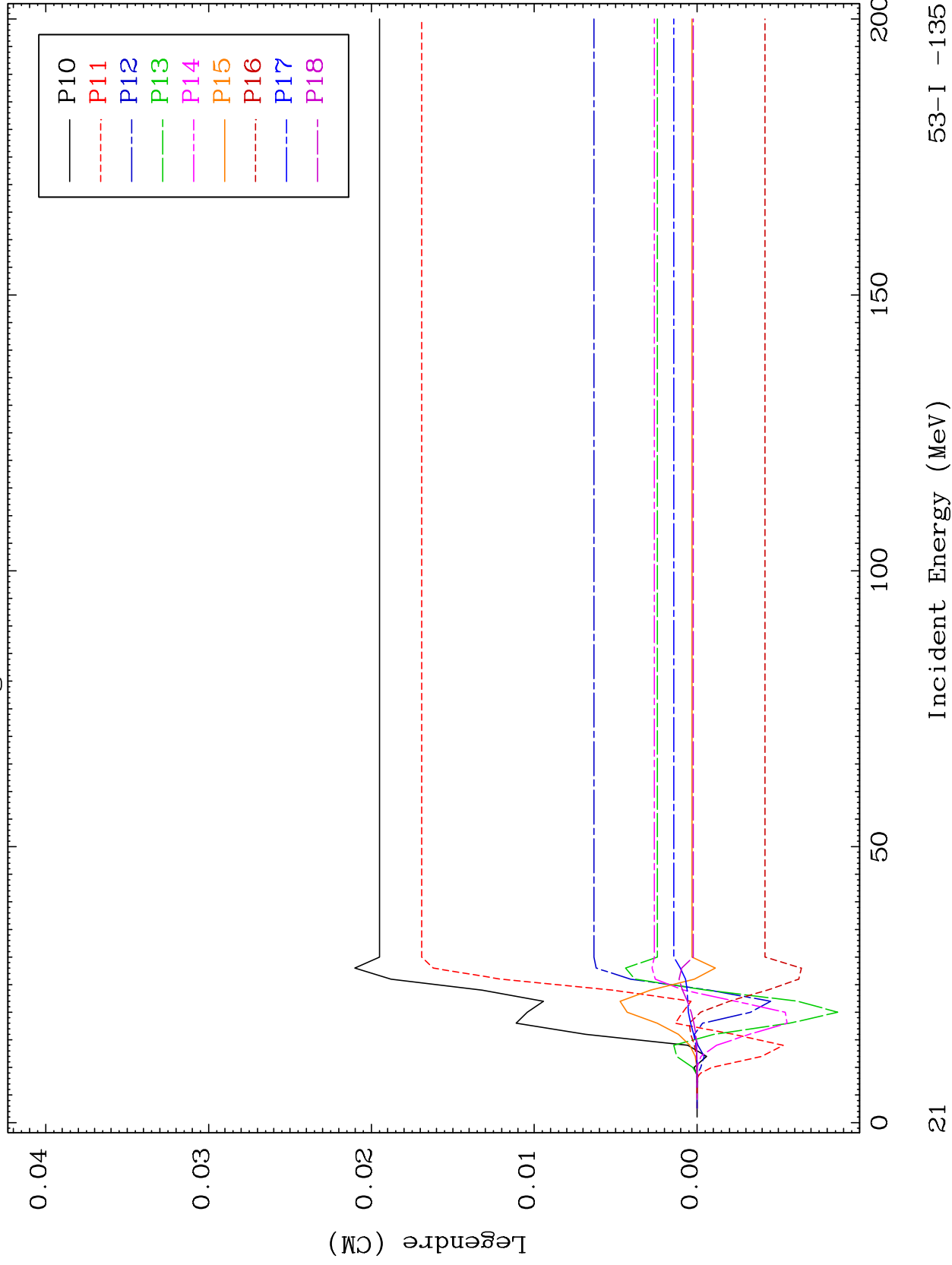
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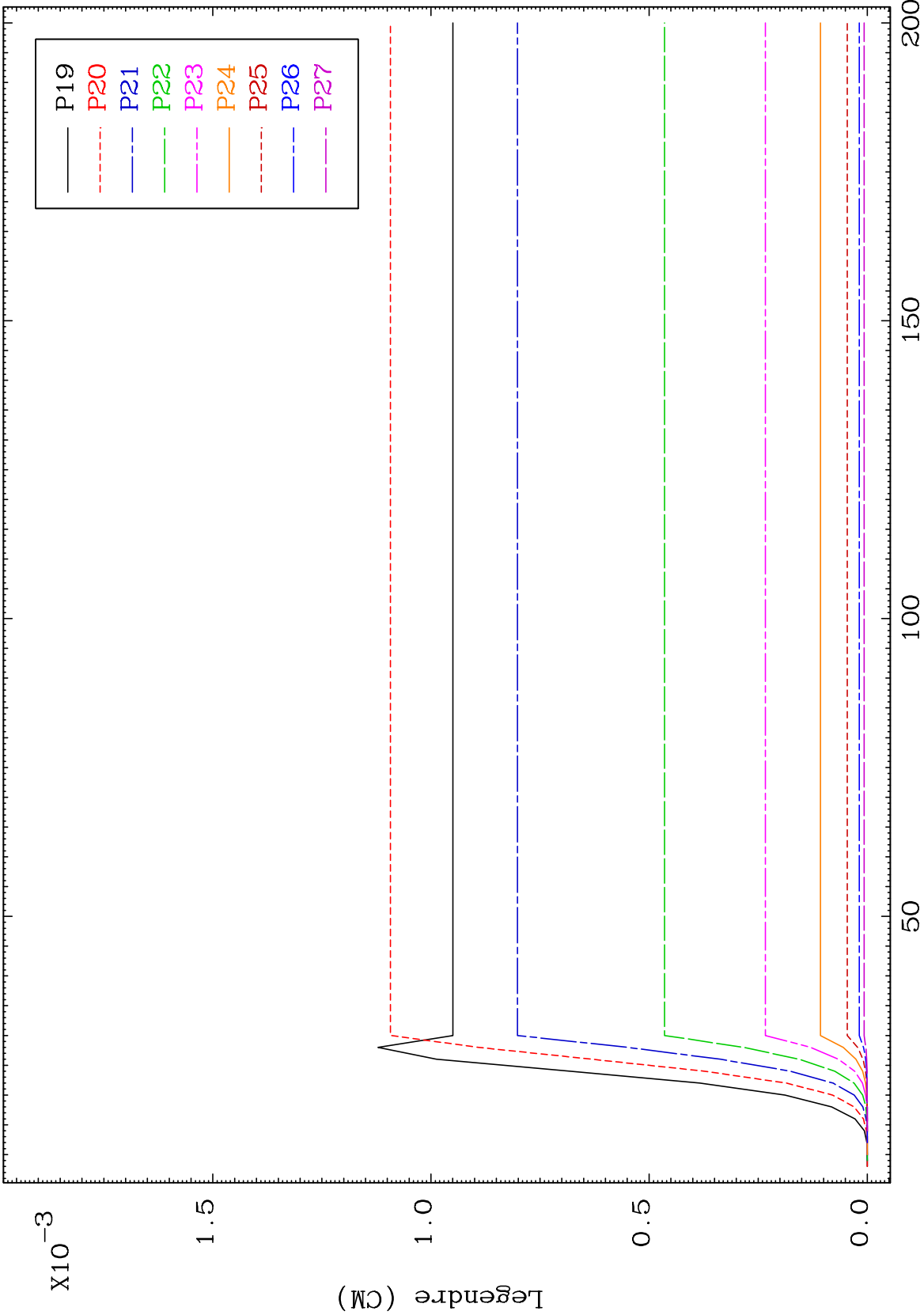


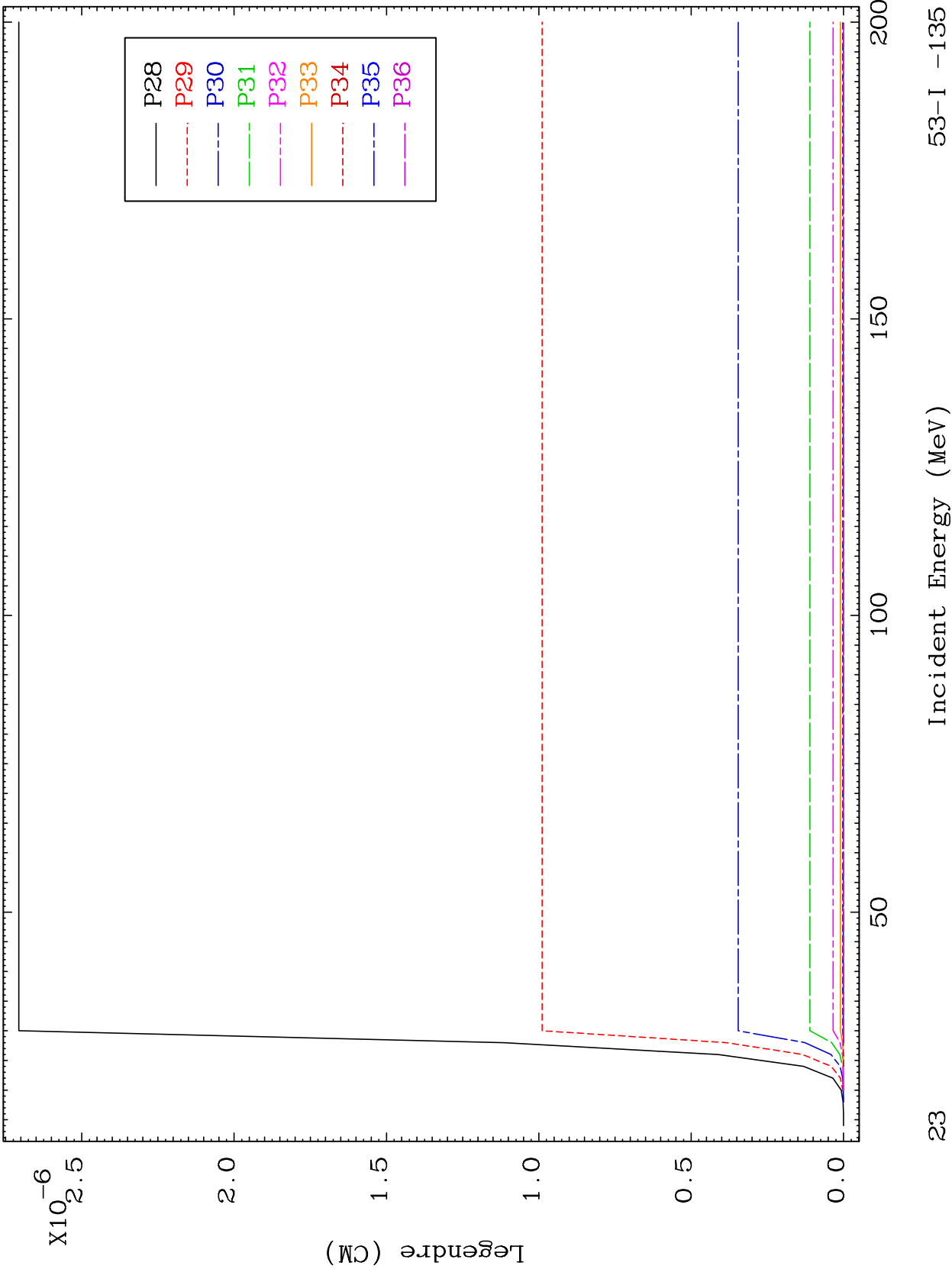
MAT 5349

603.7 keV (n,n') Level
Legendre Coefficients

53-I -135



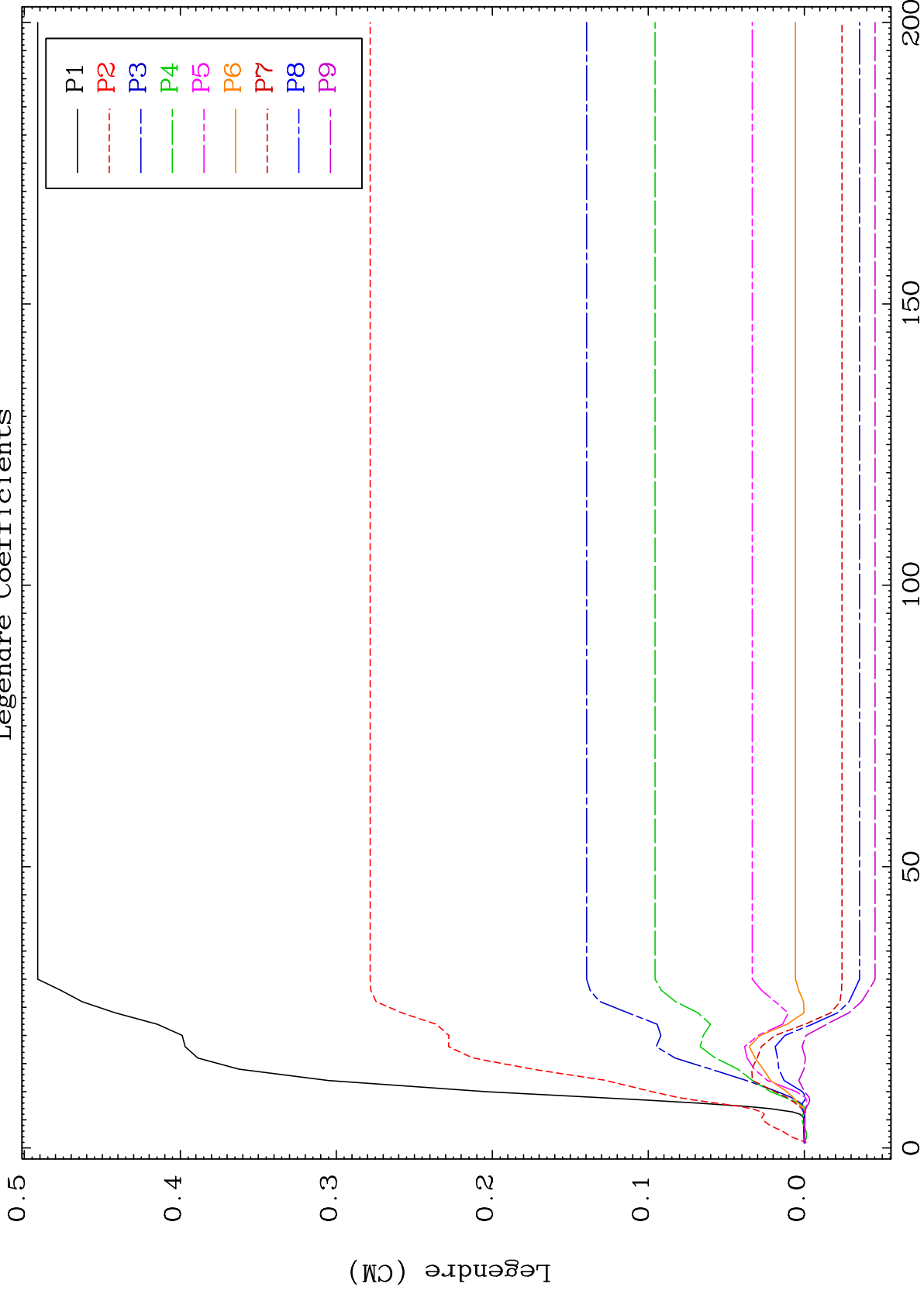




MAT 5349

870.5 keV (n,n') Level
Legendre Coefficients

53-I -135



24

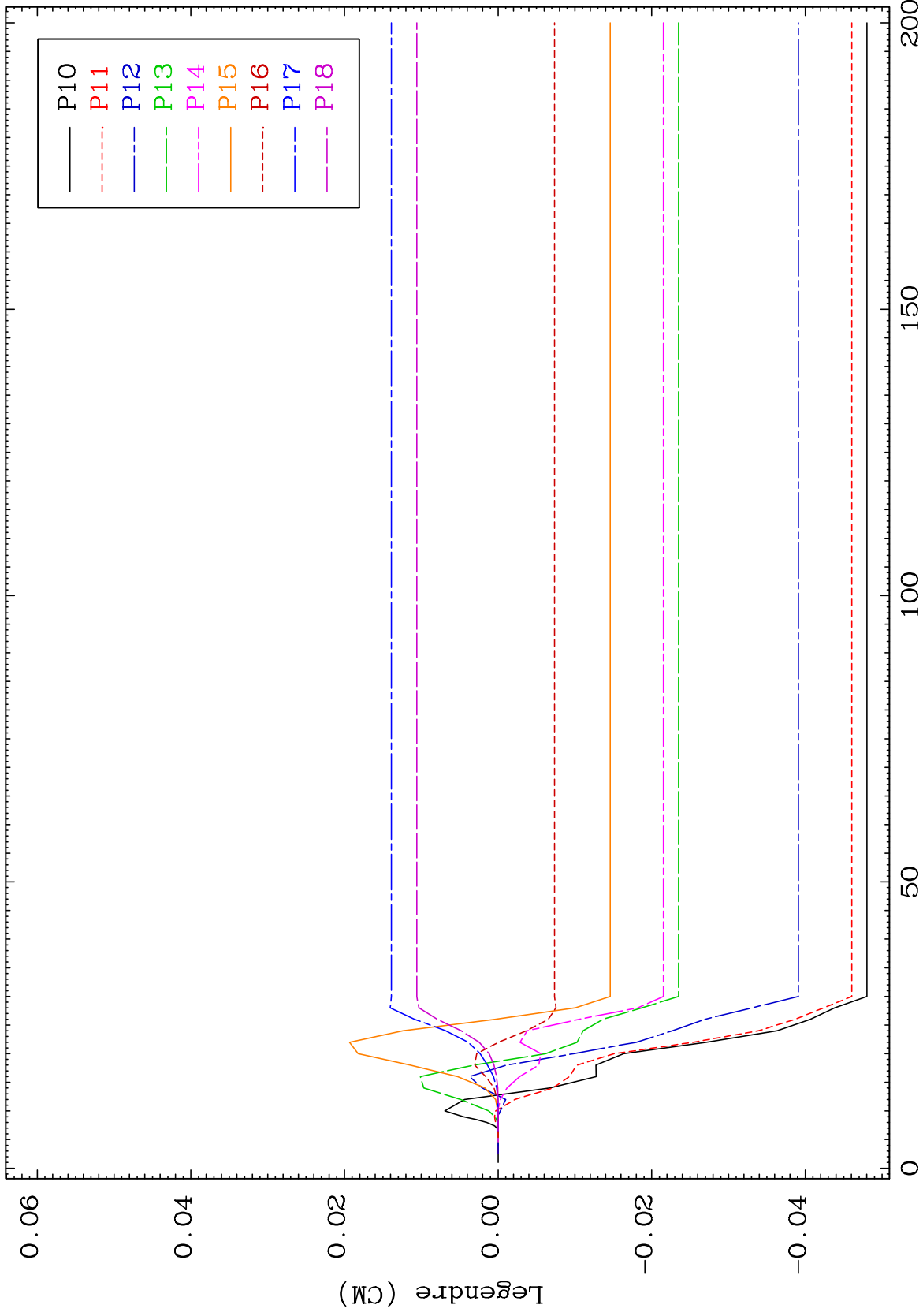
Incident Energy (MeV)

53-I -135

MAT 5349

870.5 keV (n,n') Level
Legendre Coefficients

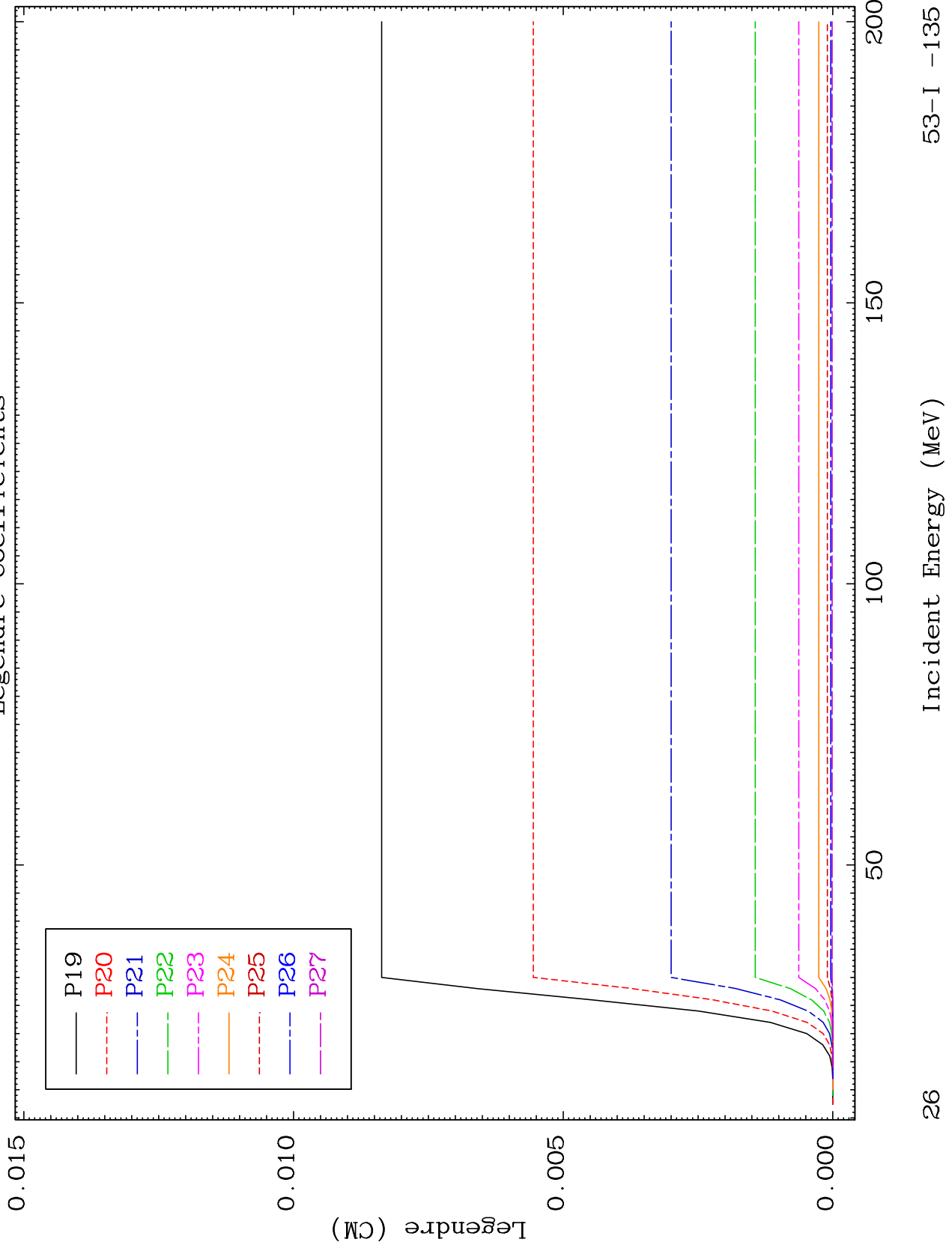
53-I -135



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Incident Energy (MeV)

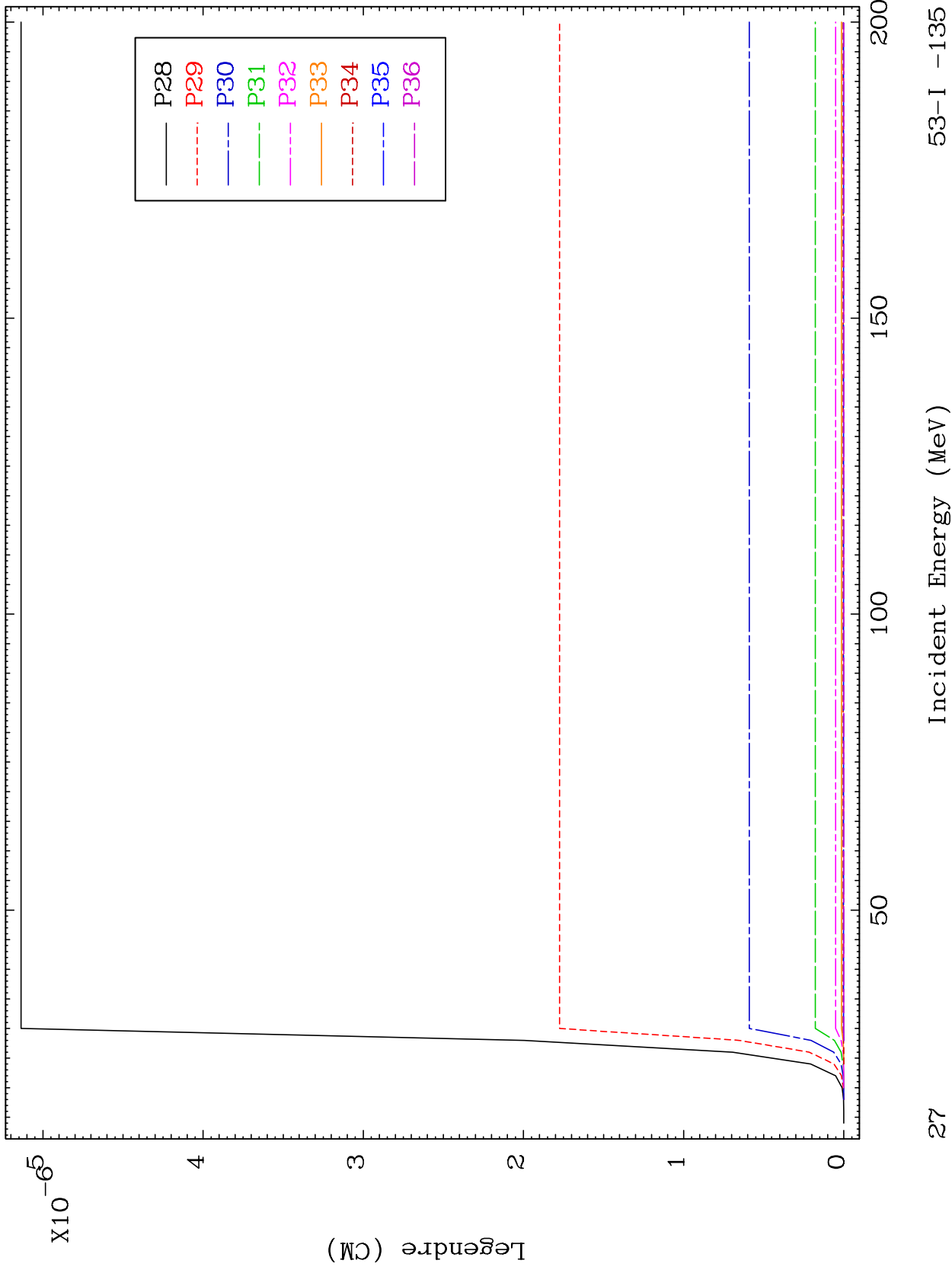
53-I -135



MAT 5349

870.5 keV (n,n') Level
Legendre Coefficients

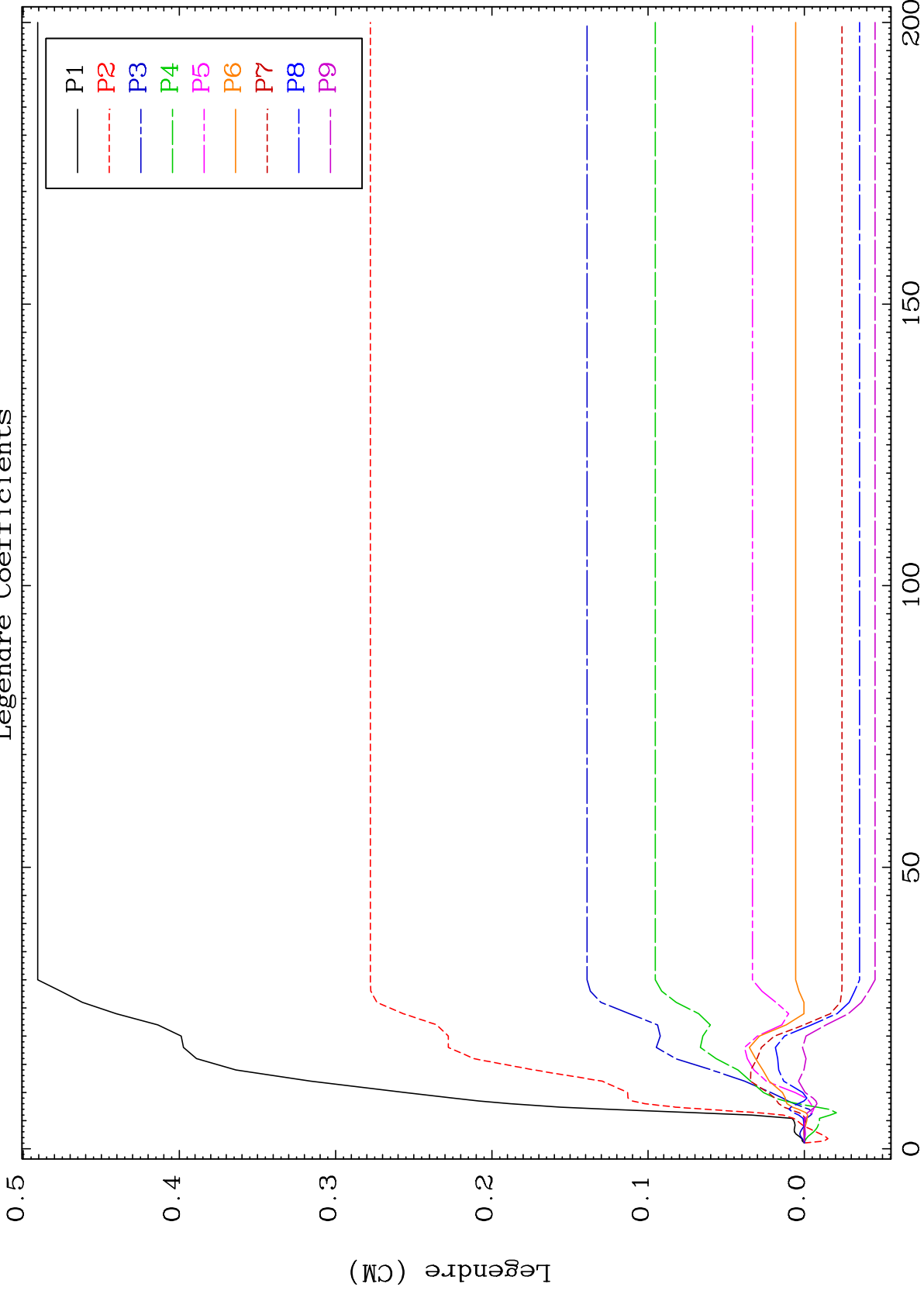
53-I -135



MAT 5349

1.010 MeV (n,n') Level
Legendre Coefficients

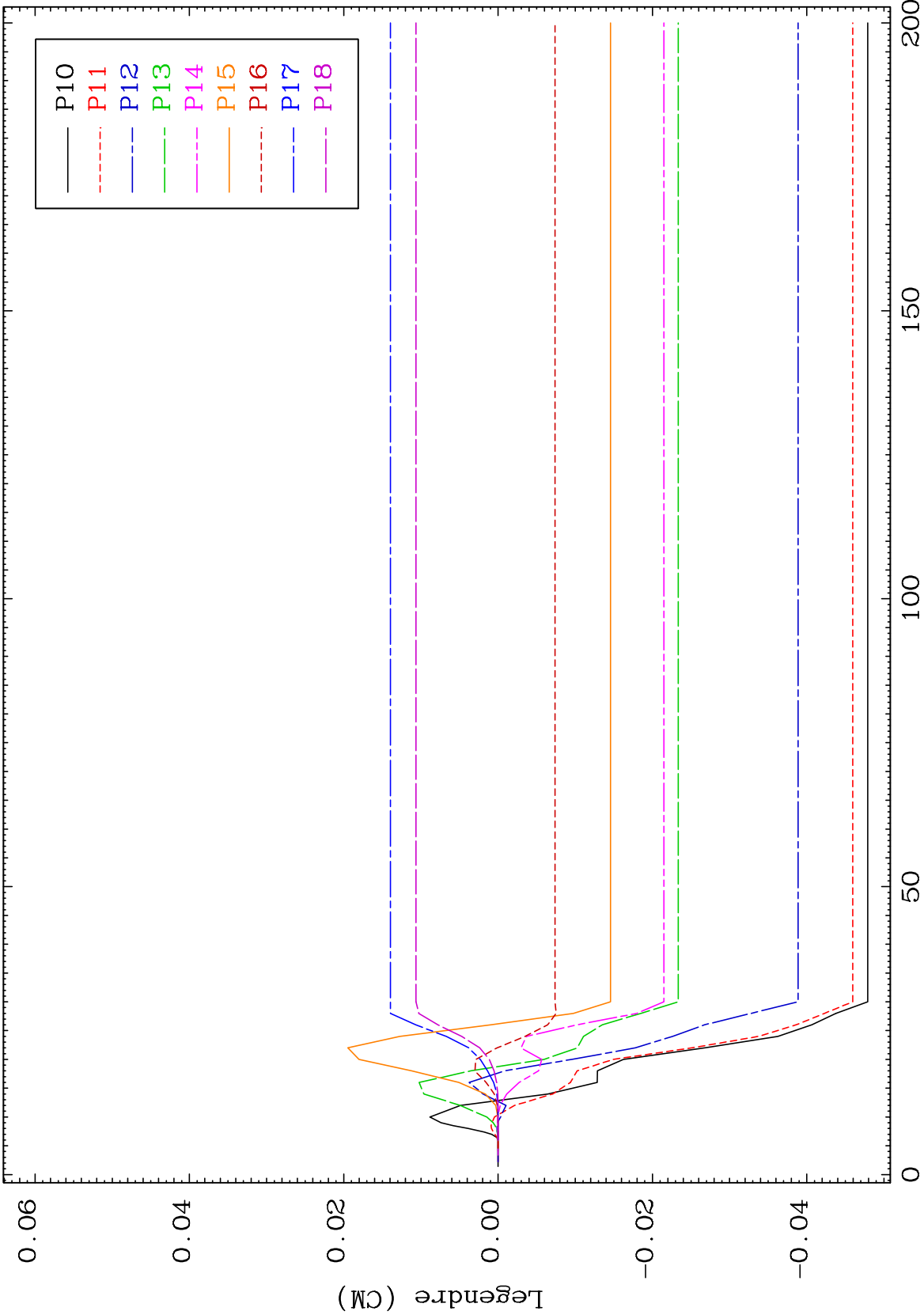
53-I -135



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Incident Energy (MeV)

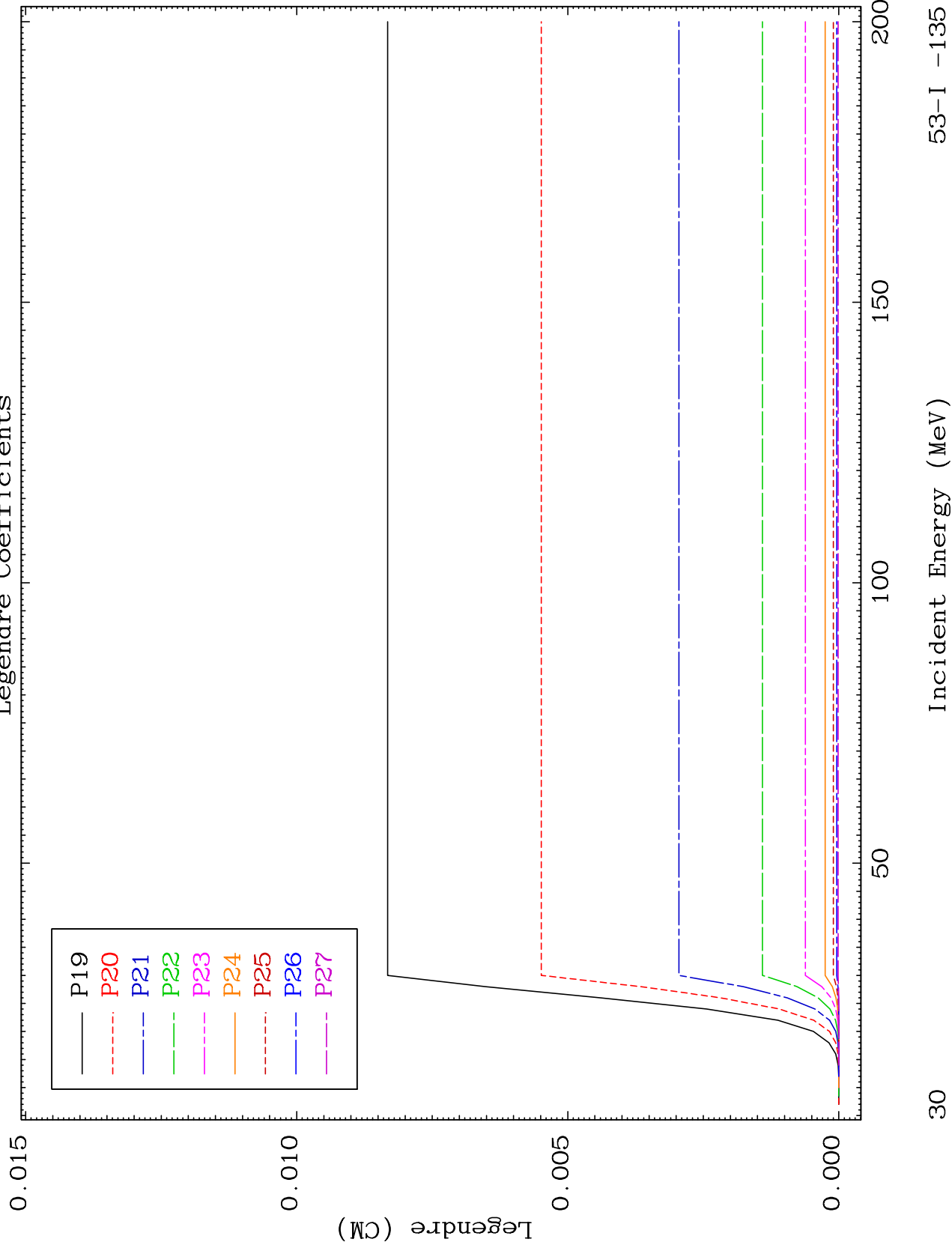
53-I -135



MAT 5349

1.010 MeV (n,n') Level
Legendre Coefficients

53-I -135



30

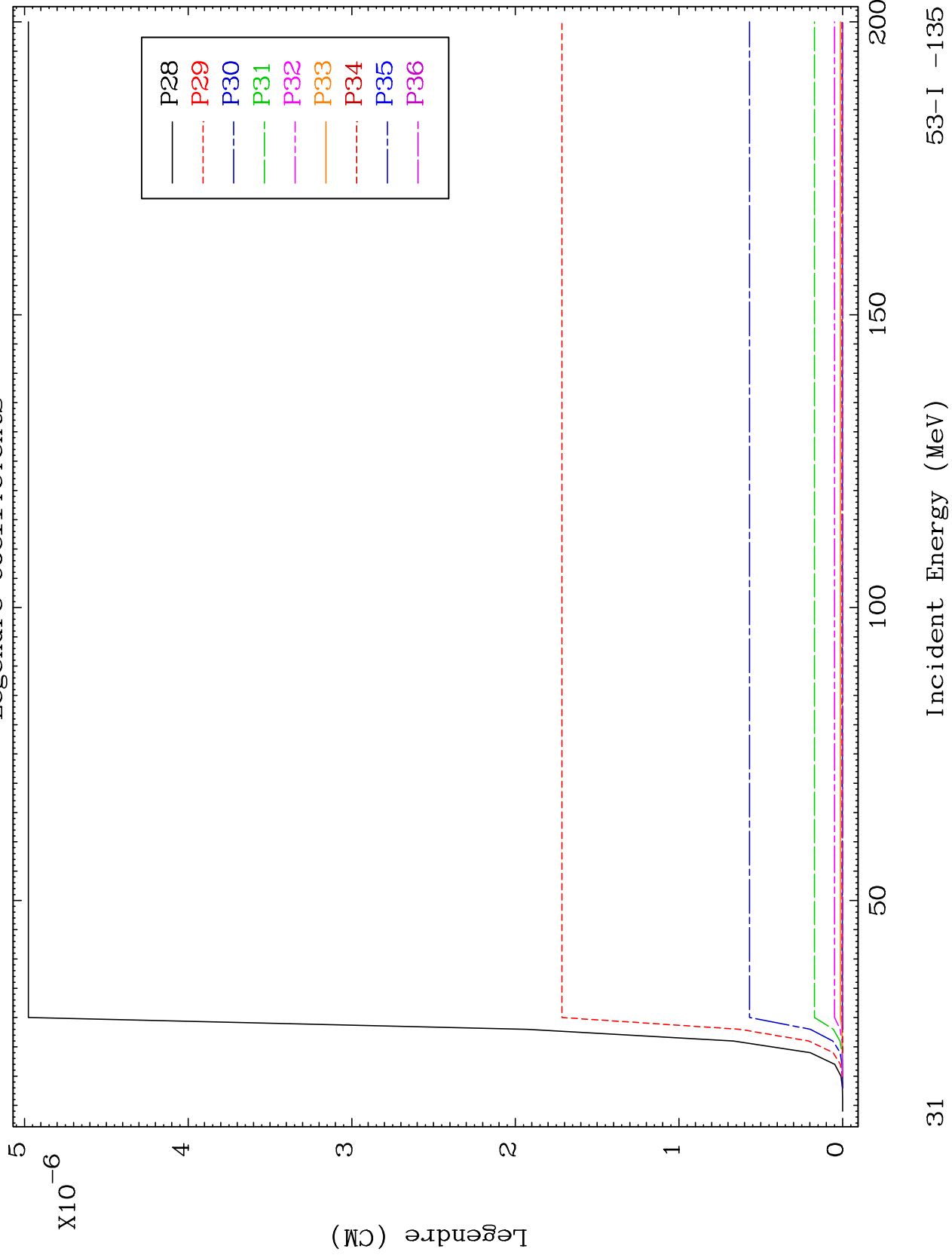
Incident Energy (MeV)

53-I -135

MAT 5349

1.010 MeV (n,n') Level
Legendre Coefficients

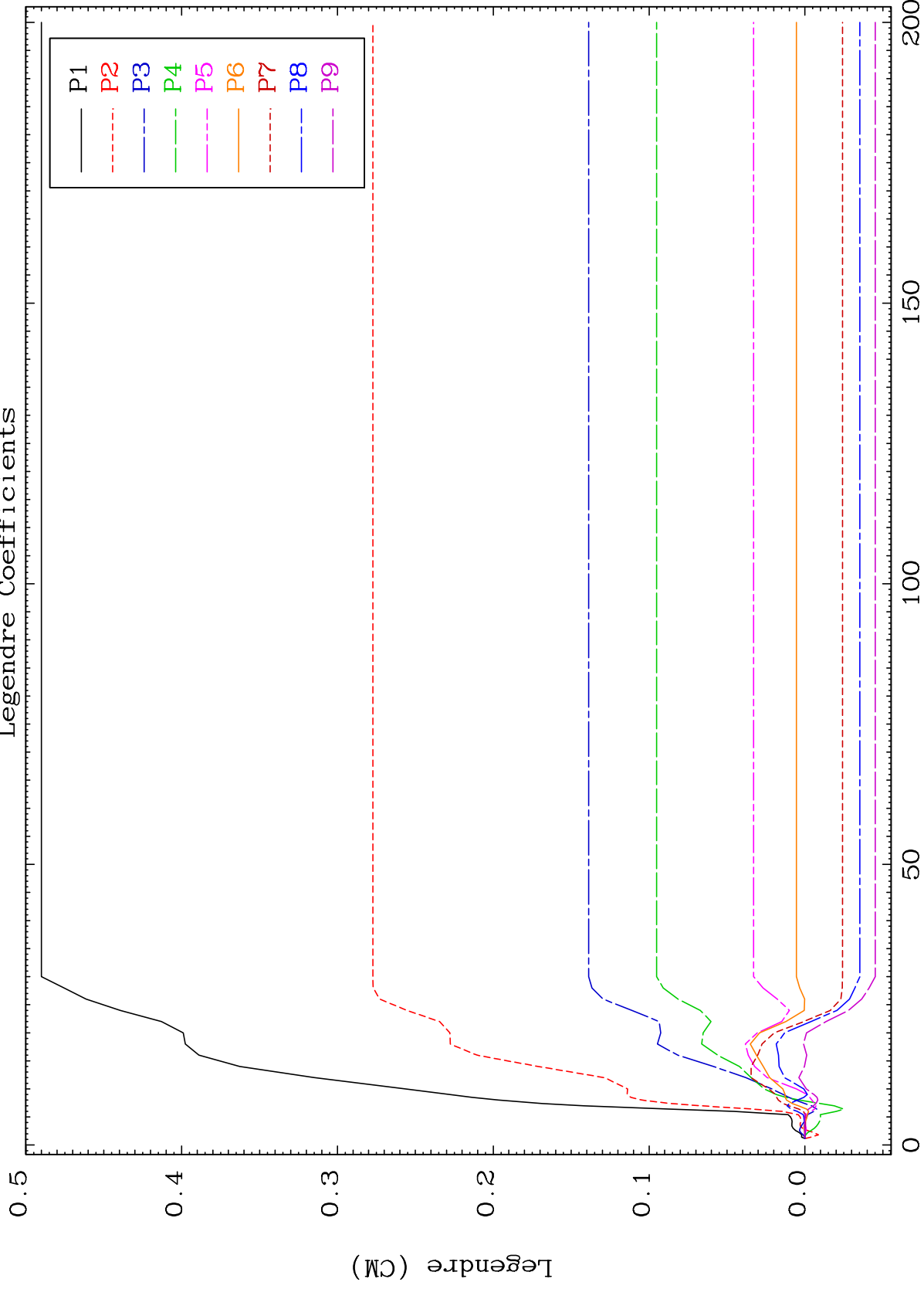
53-I -135



MAT 5349

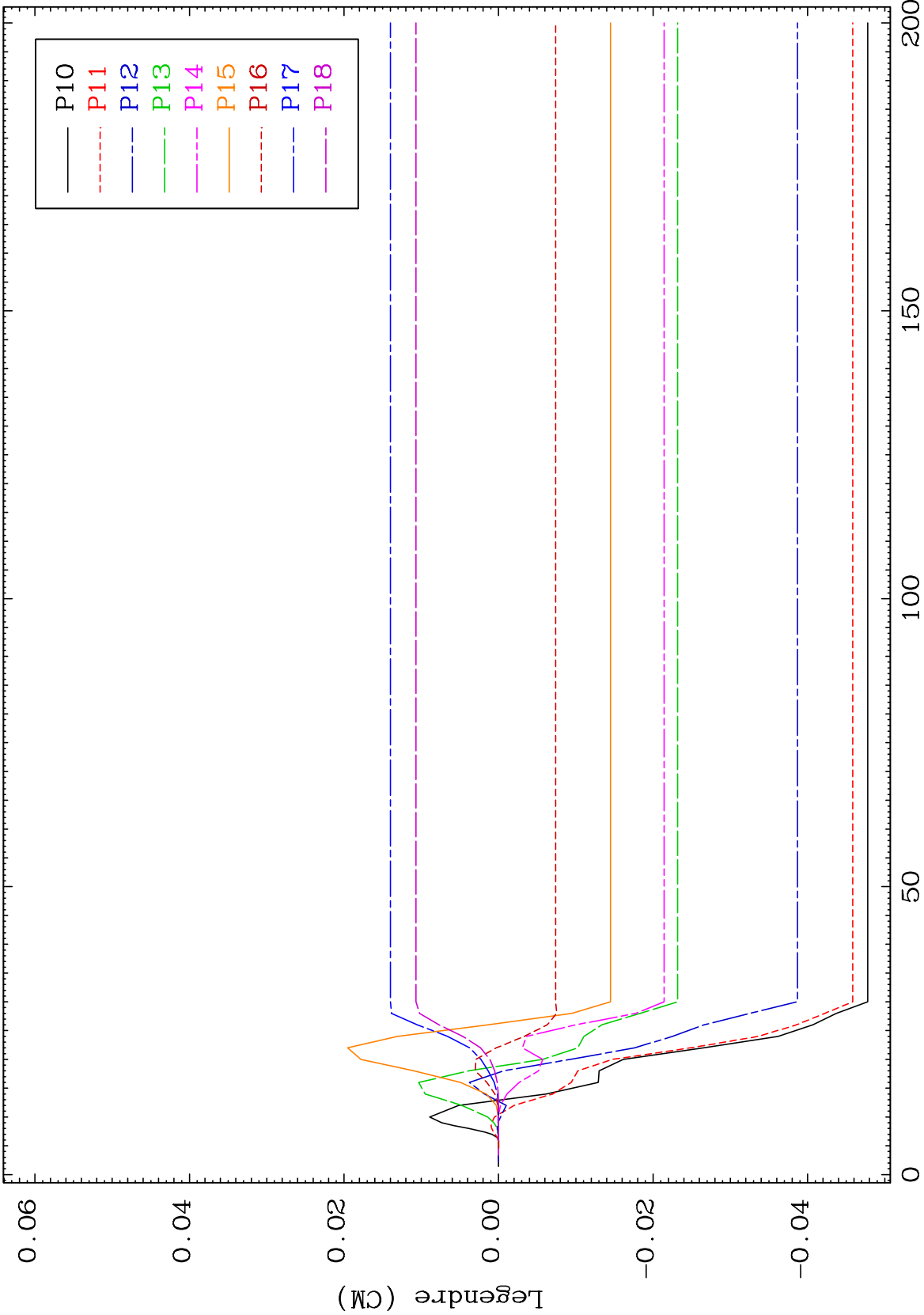
1.133 MeV (n,n') Level
Legendre Coefficients

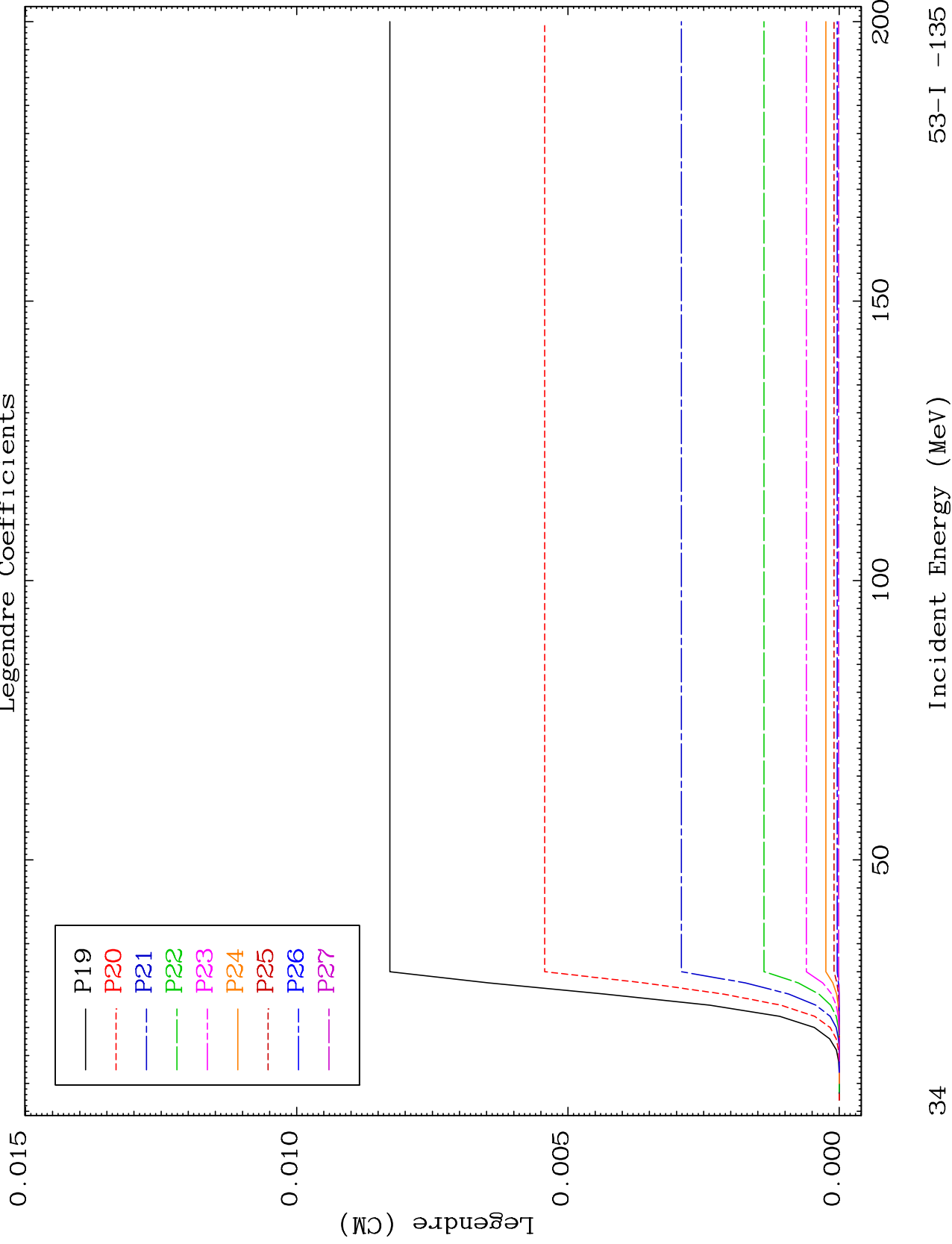
53-I -135



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53-I -135

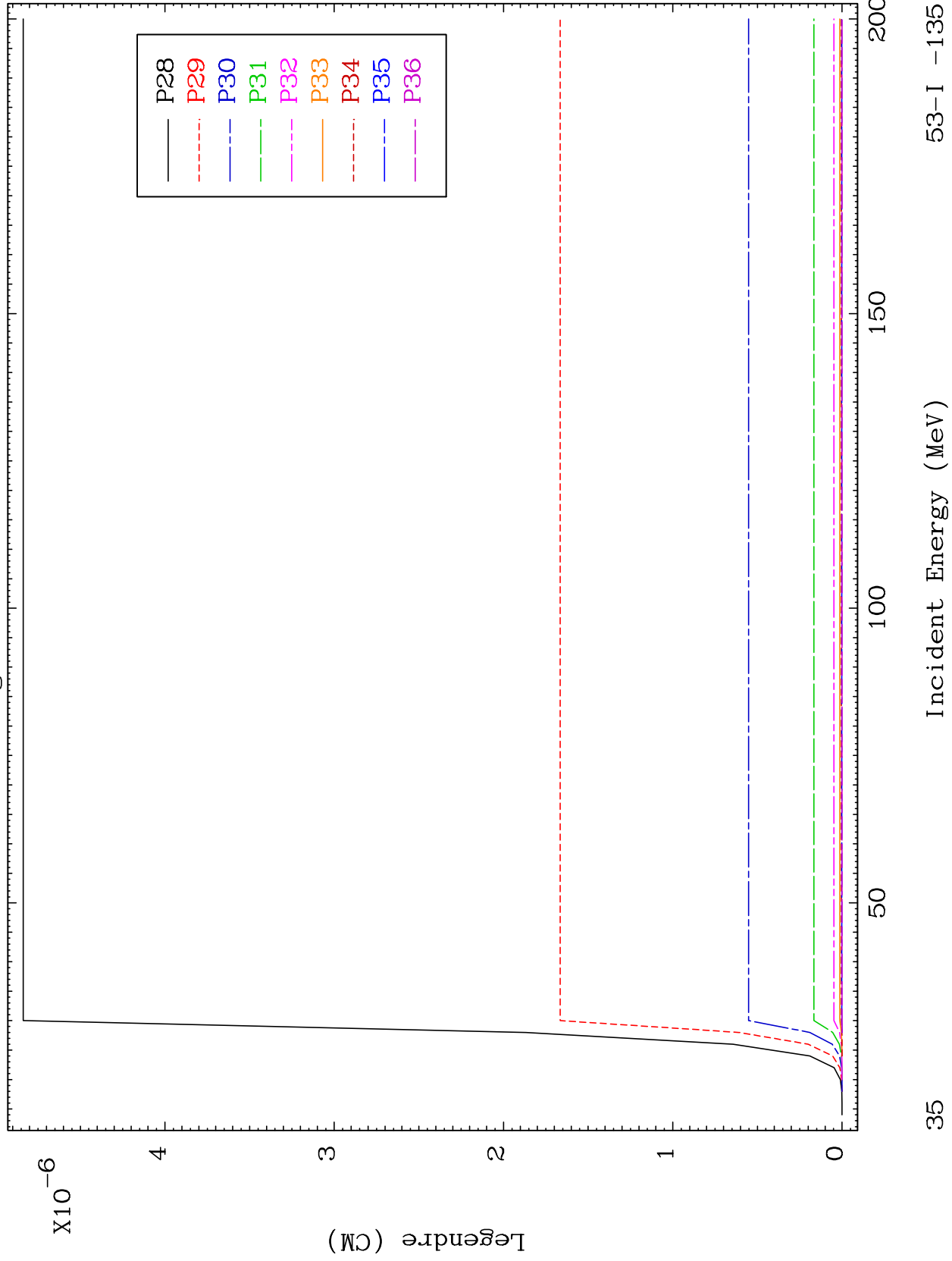


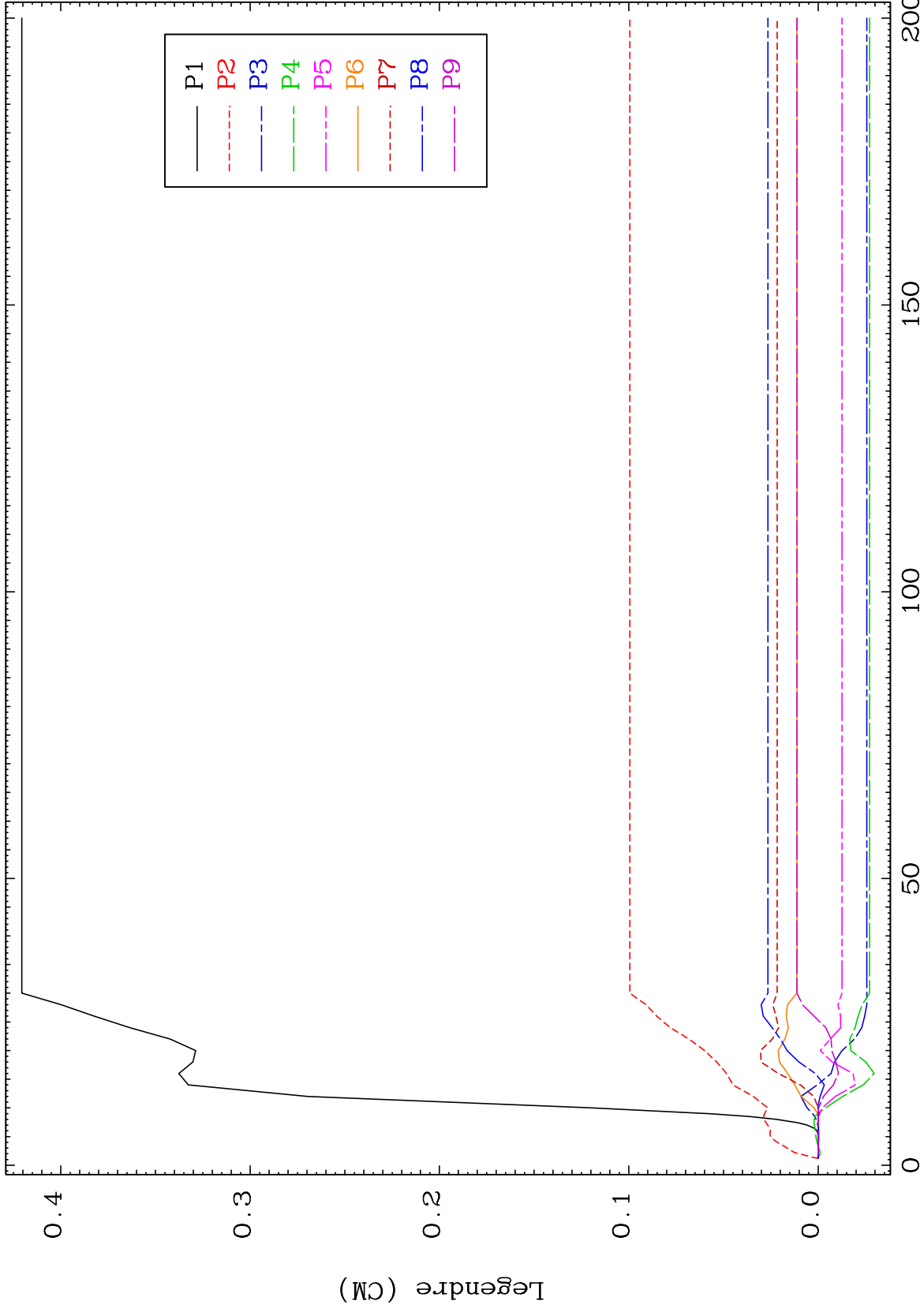


MAT 5349

1.133 MeV (n,n') Level
Legendre Coefficients

53-I -135

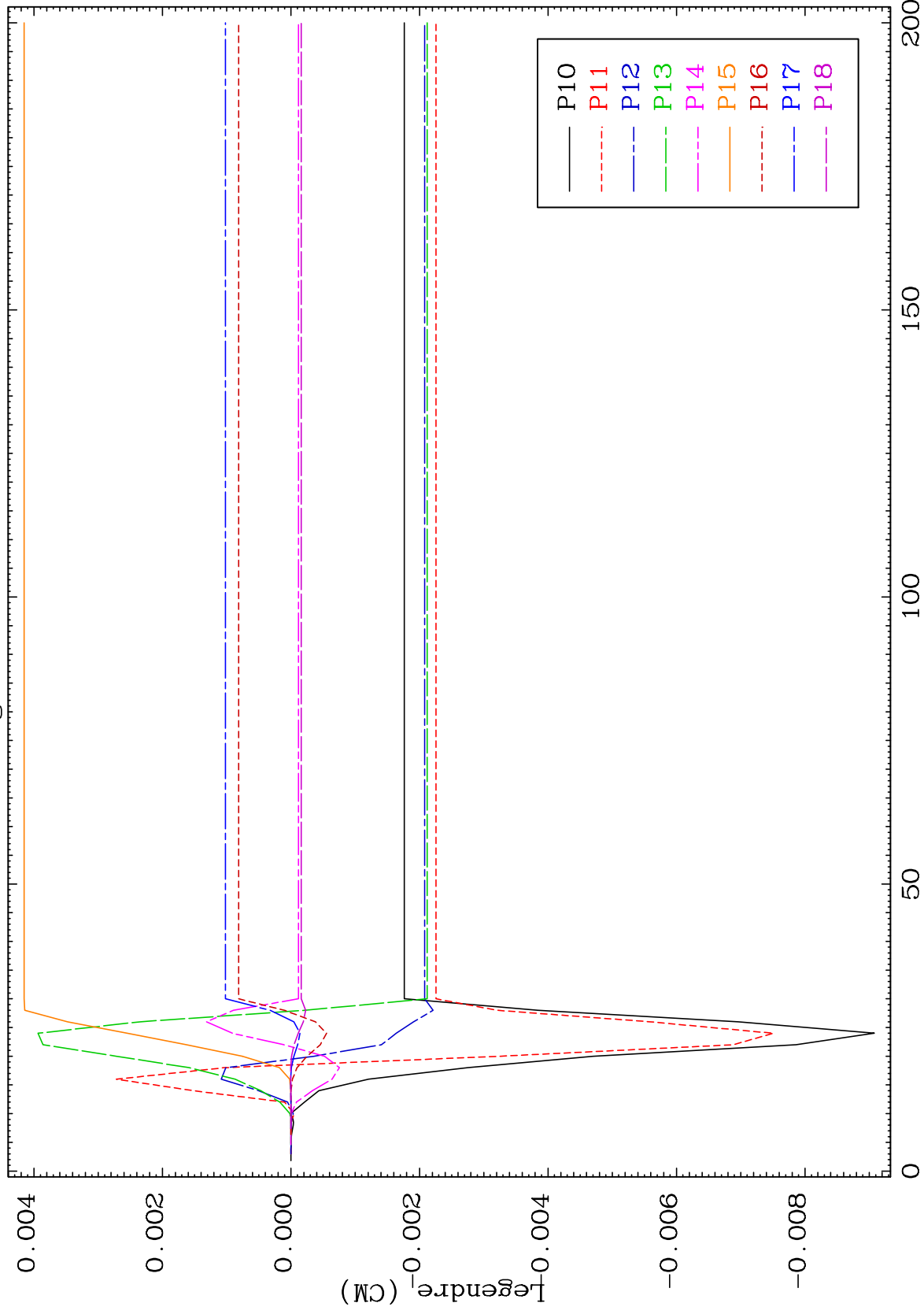




MAT 5349

1.184 MeV (n,n') Level
Legendre Coefficients

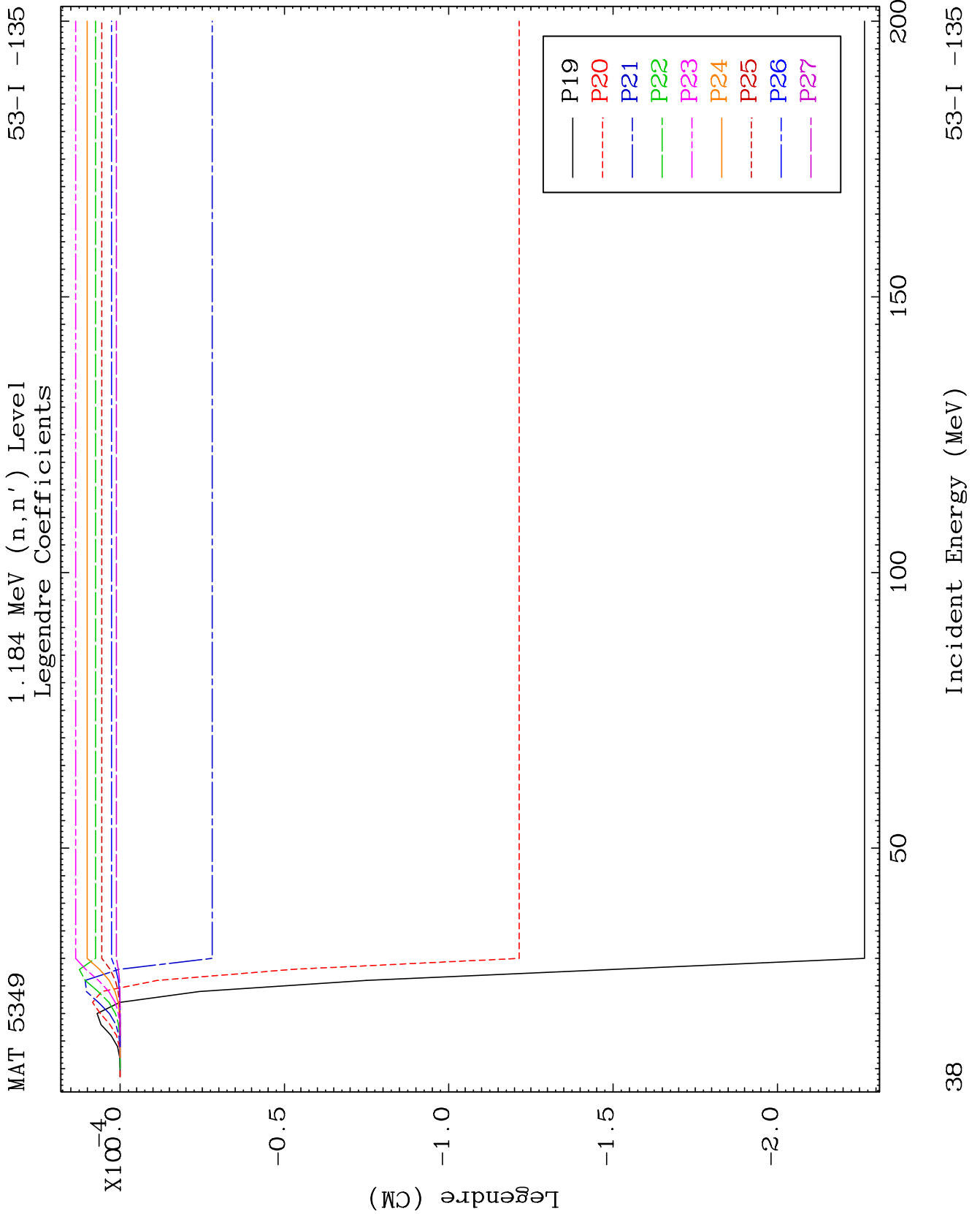
53-I -135



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Incident Energy (MeV)

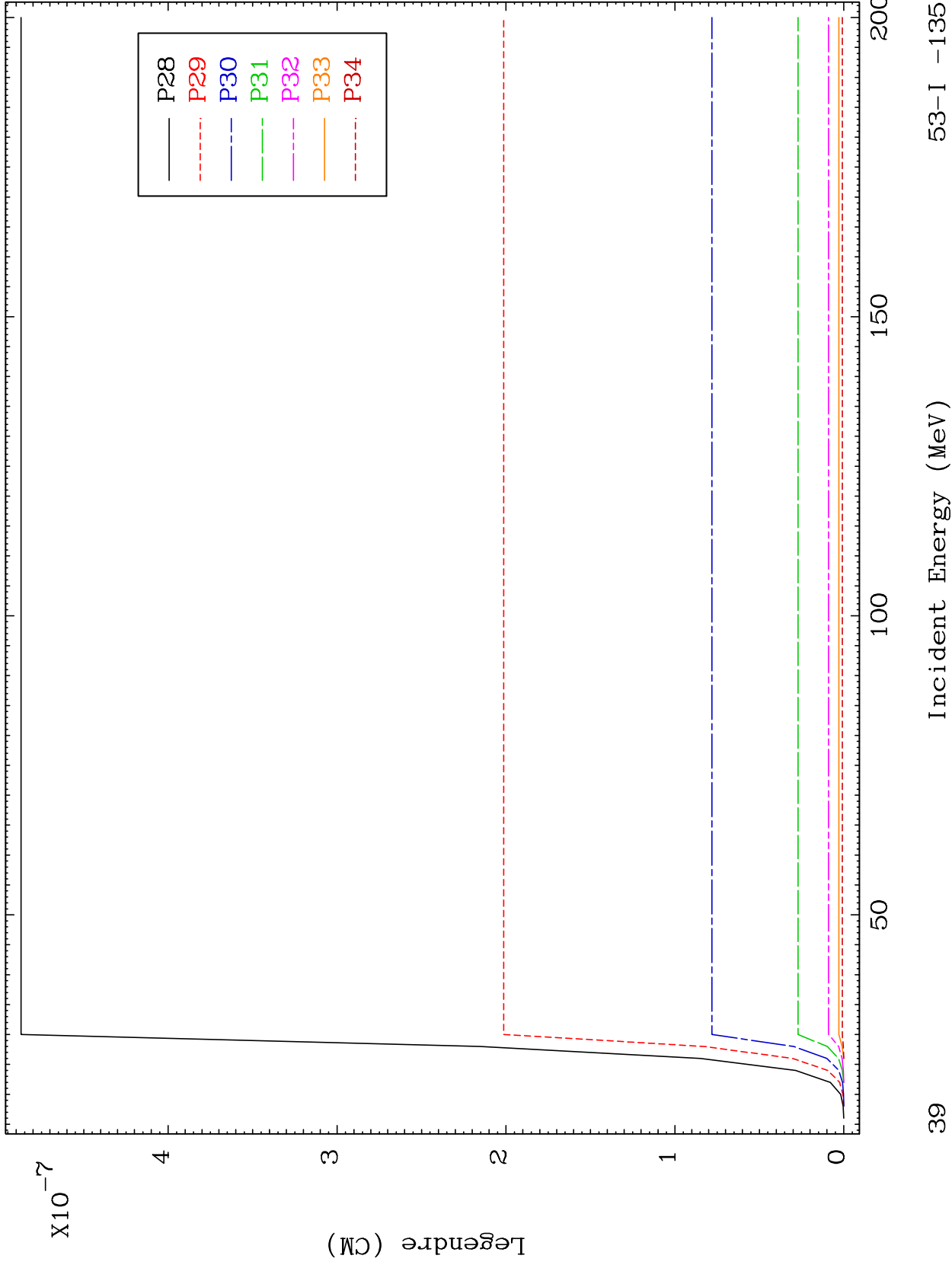
53-I -135



MAT 5349

1.184 MeV (n,n') Level
Legendre Coefficients

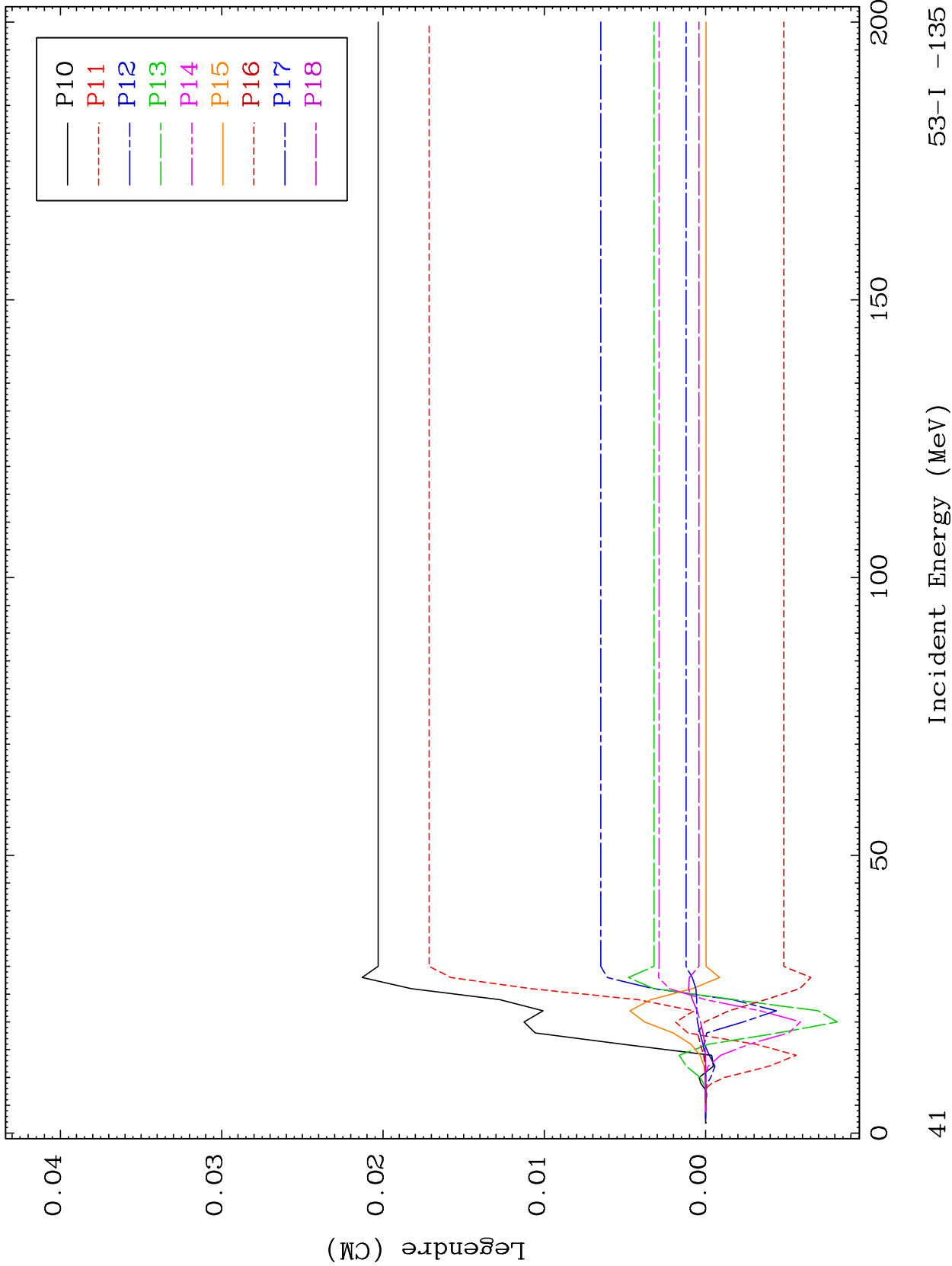
53-I -135



MAT 5349

1.421 MeV (n,n') Level
Legendre Coefficients

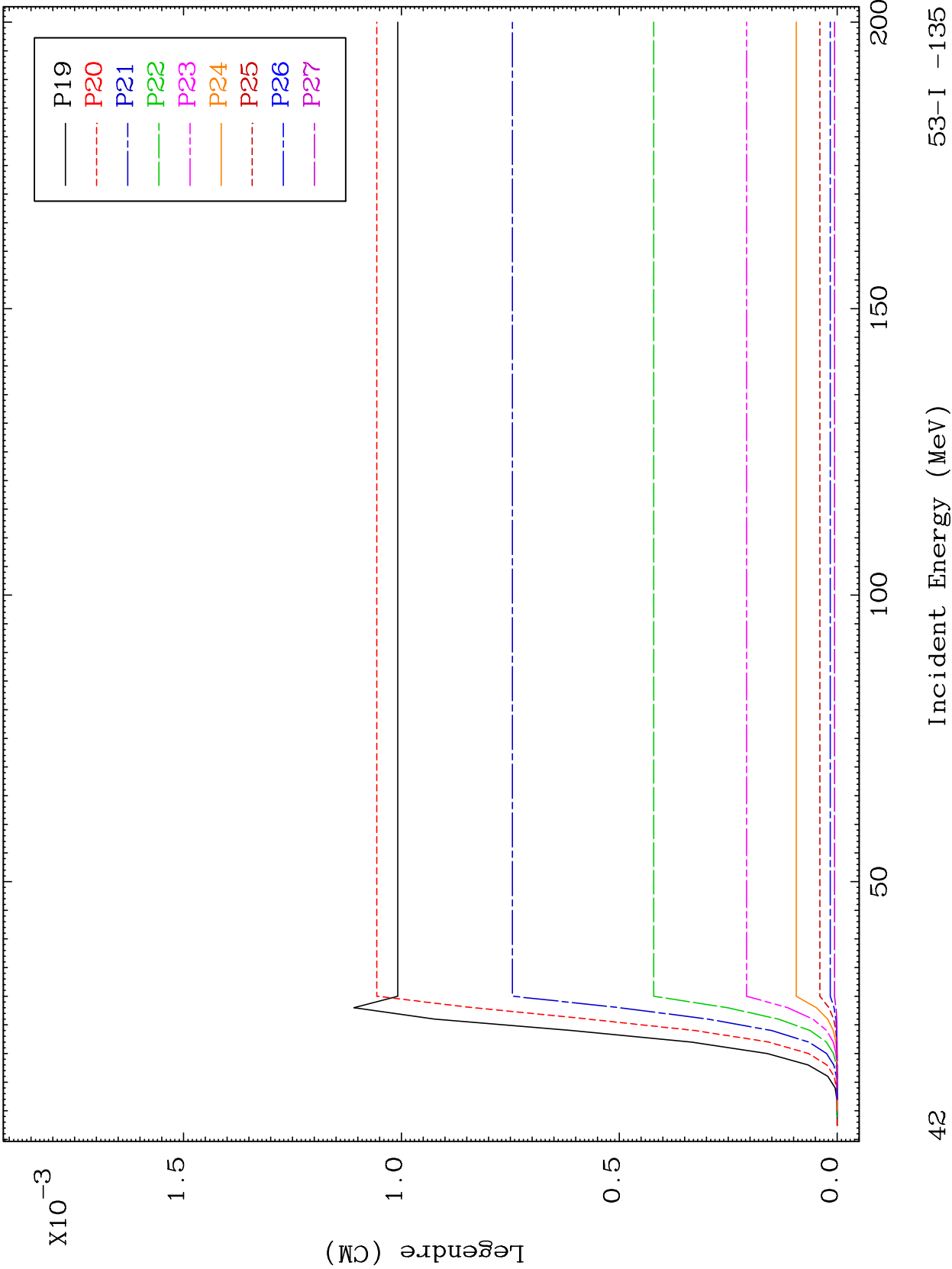
53-I -135



41

Incident Energy (MeV)

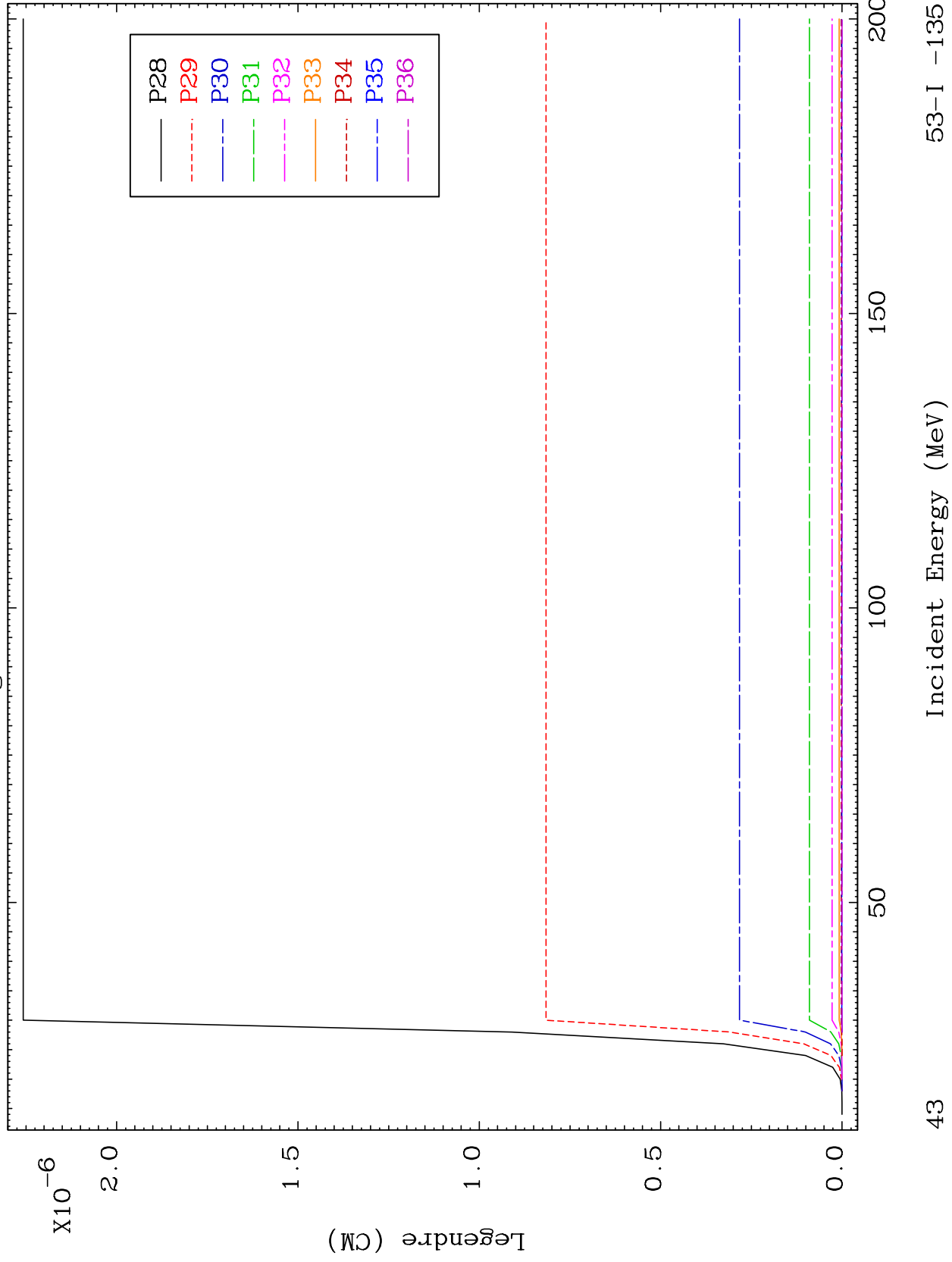
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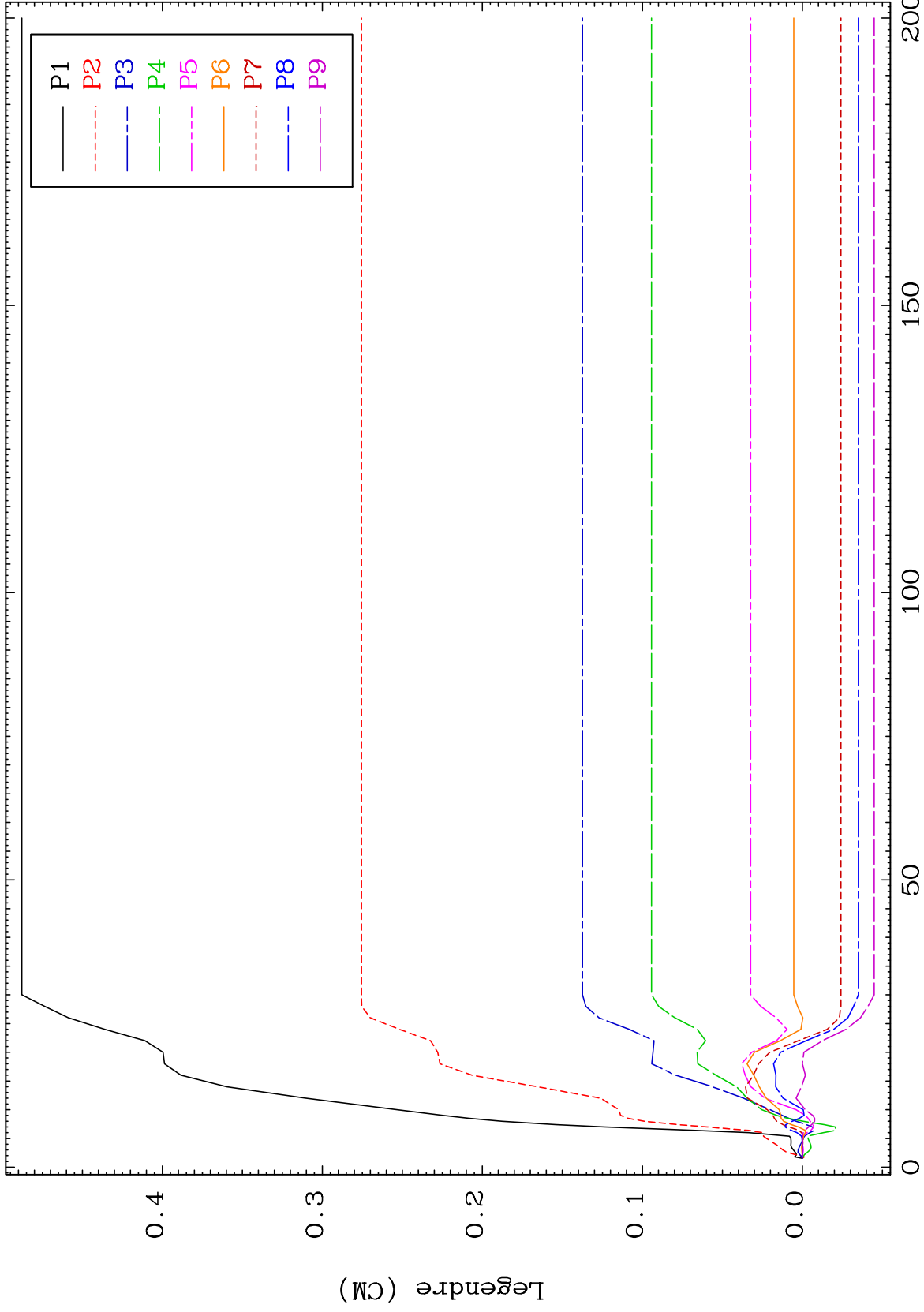


MAT 5349

1.421 MeV (n,n') Level
Legendre Coefficients

53-I -135

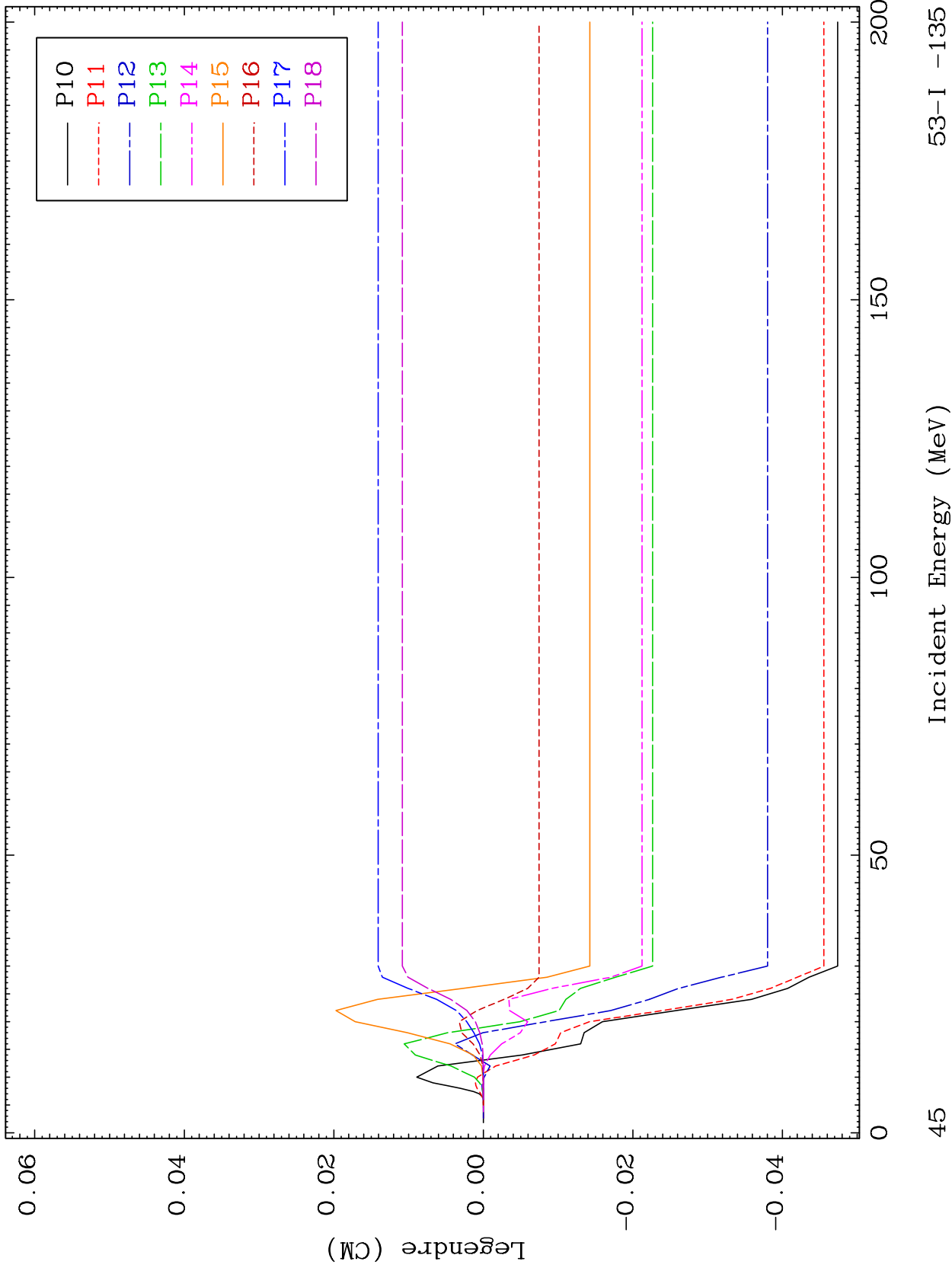




MAT 5349

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Legendre Coefficients

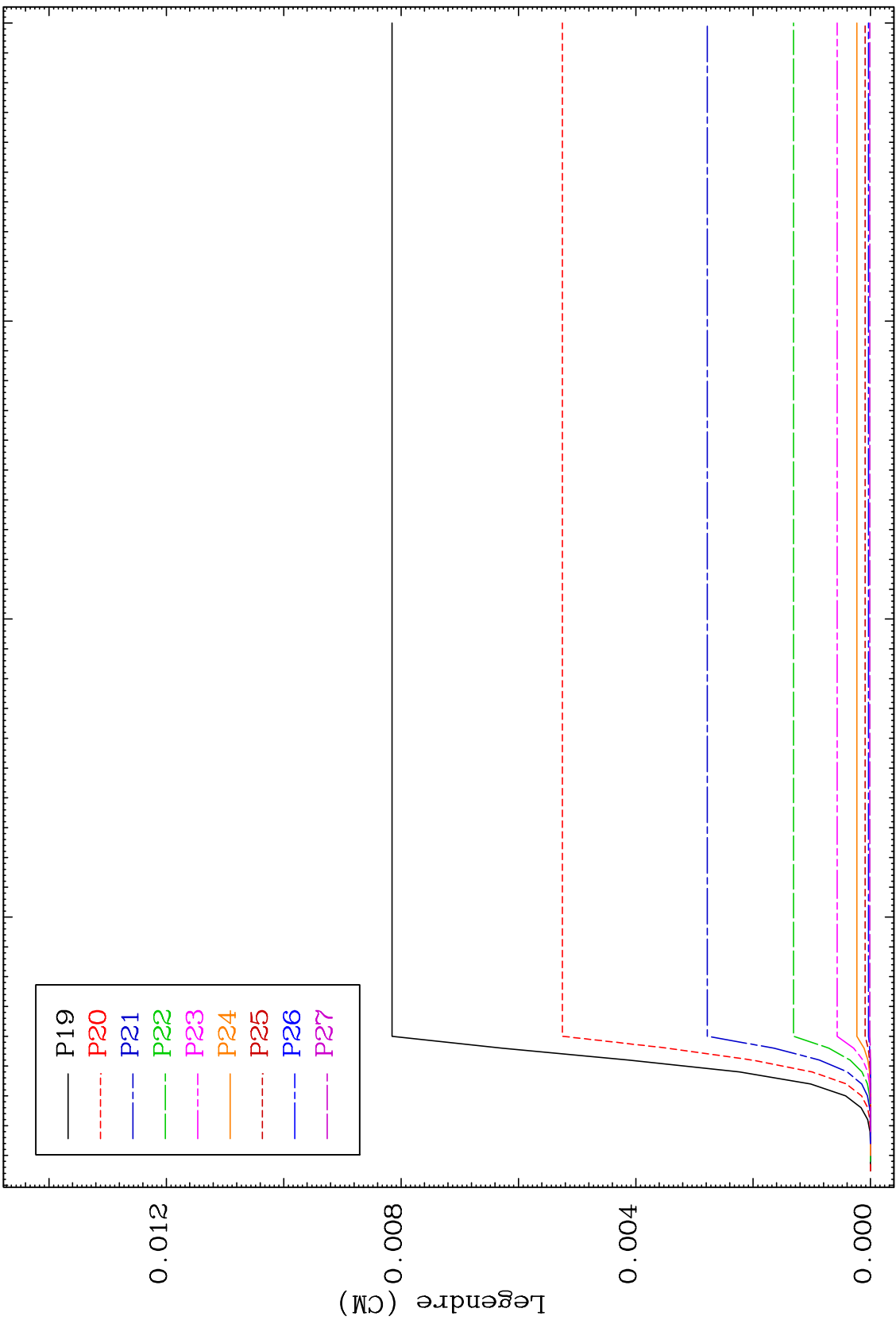
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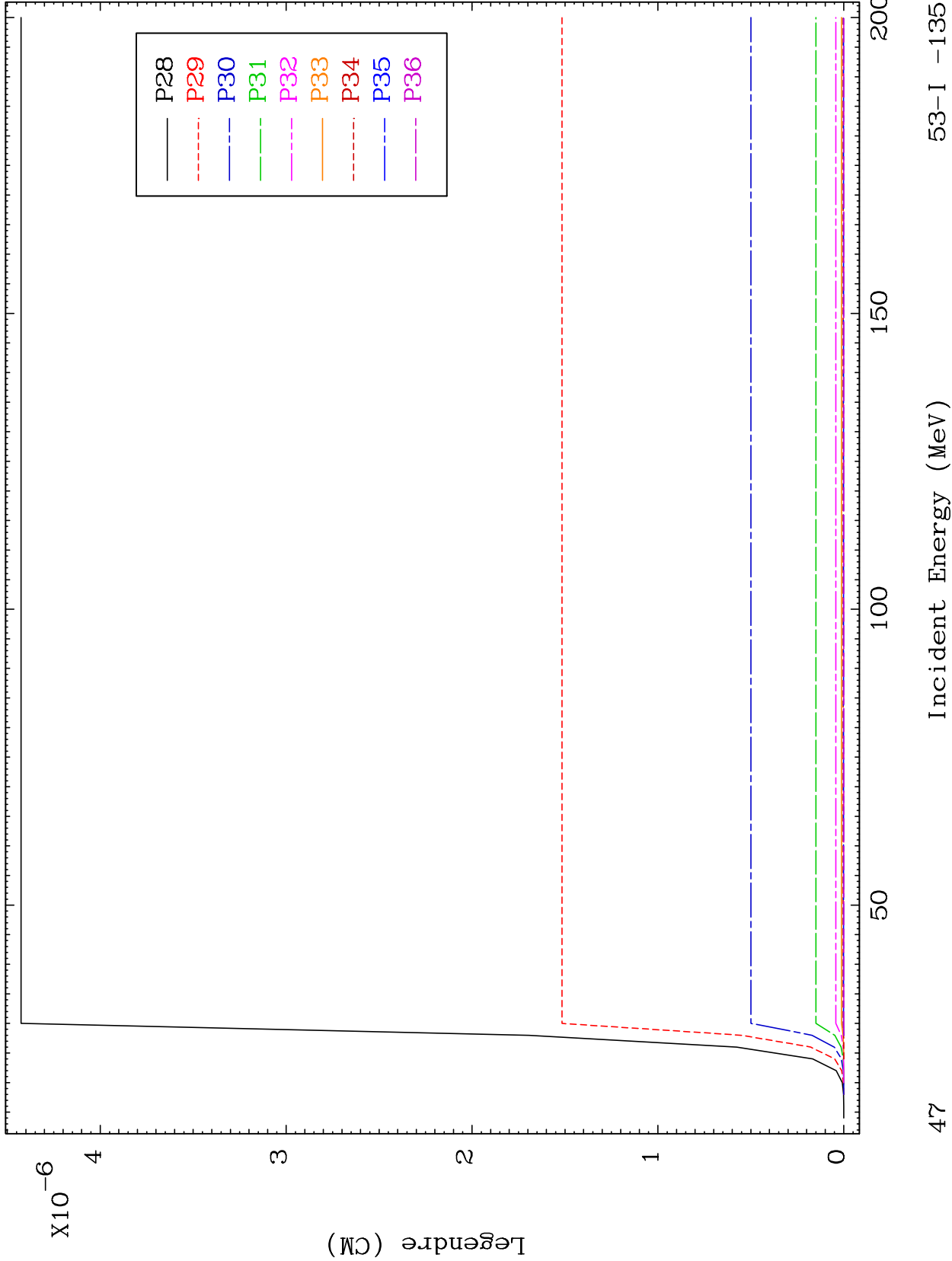


53-I -135

Incident Energy (MeV)

45

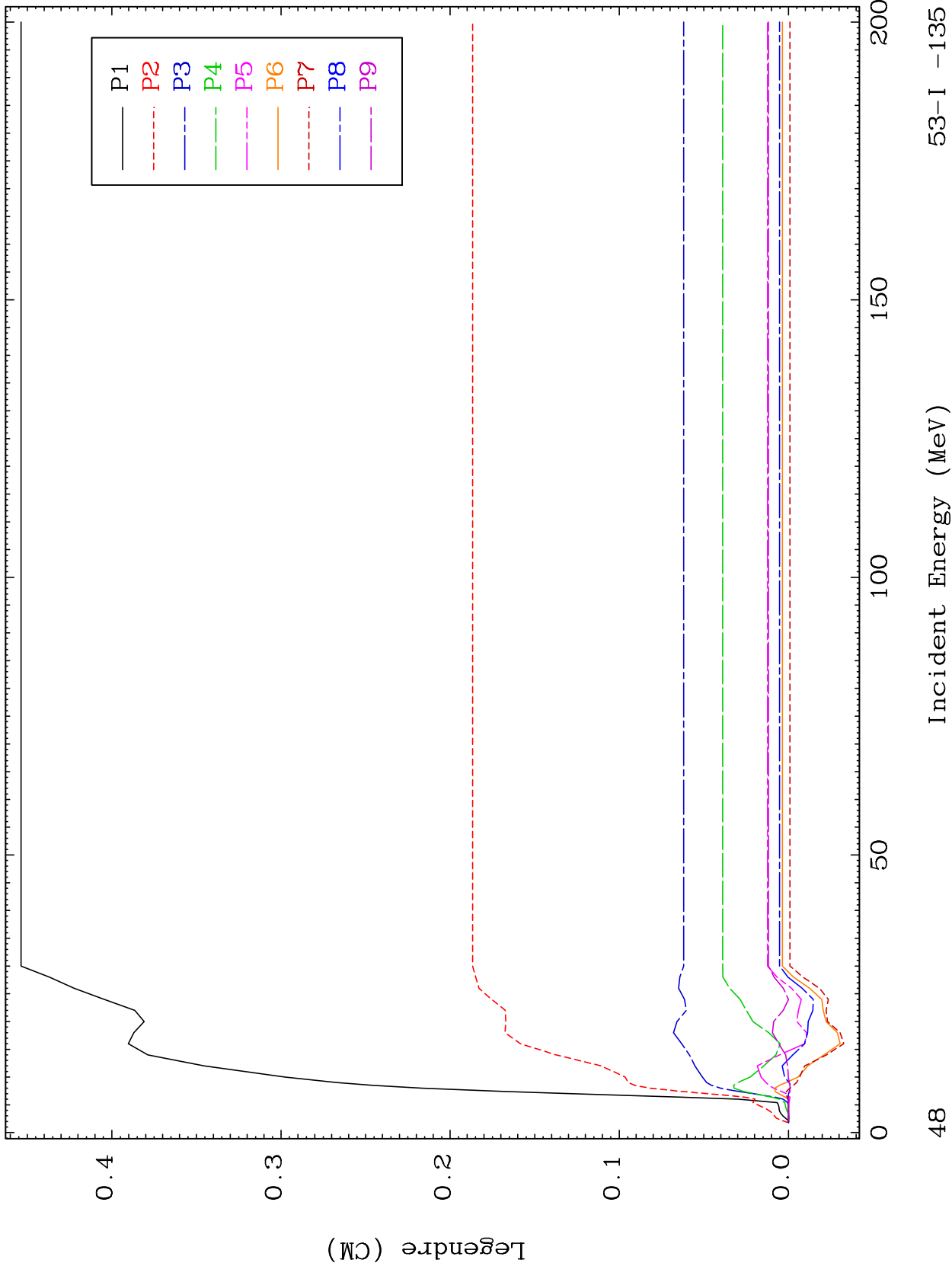




MAT 5349

1.710 MeV (n,n') Level
Legendre Coefficients

53-I -135



53-I -135

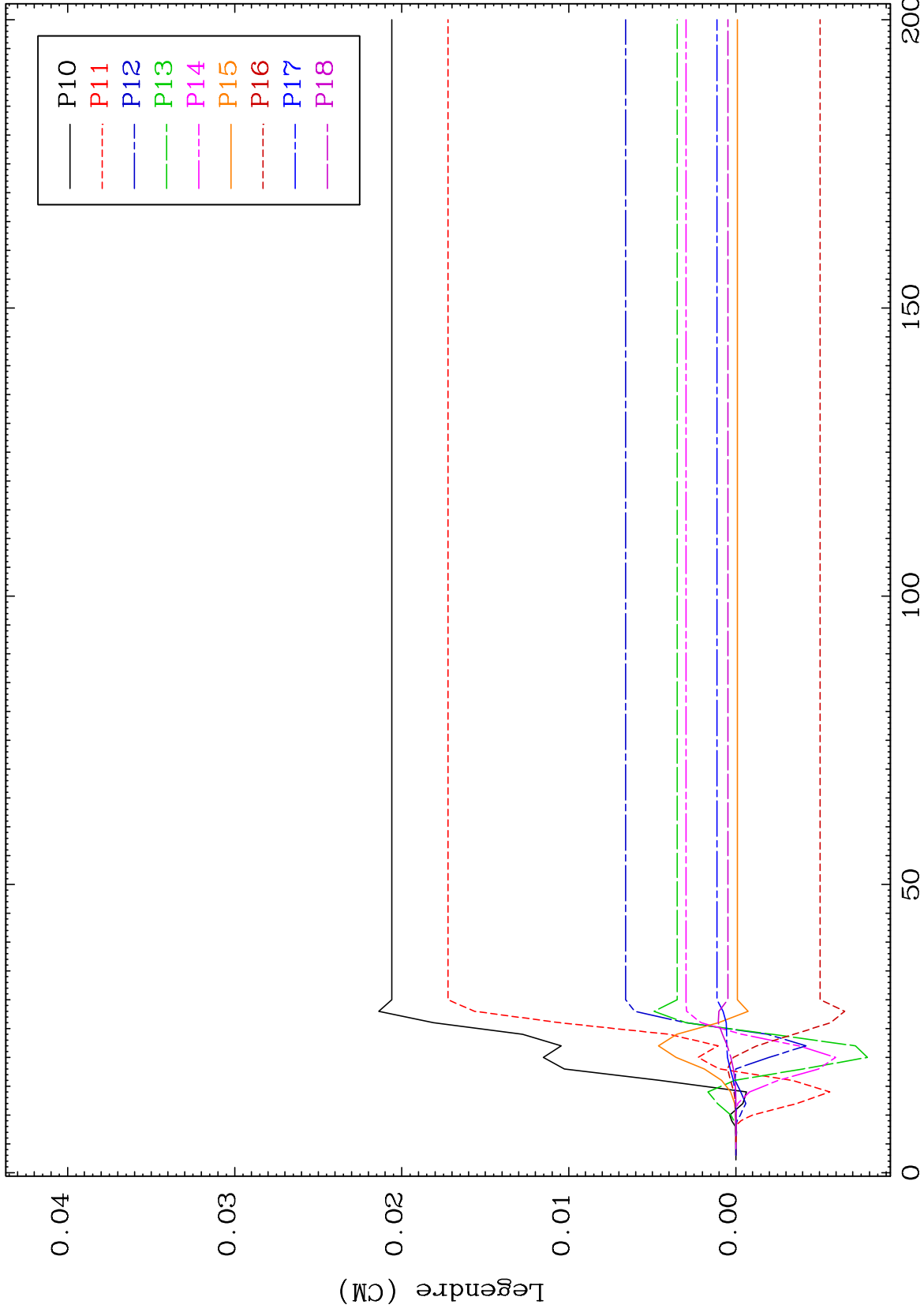
Incident Energy (MeV)

48

MAT 5349

1.710 MeV (n,n') Level
Legendre Coefficients

53-I -135



49

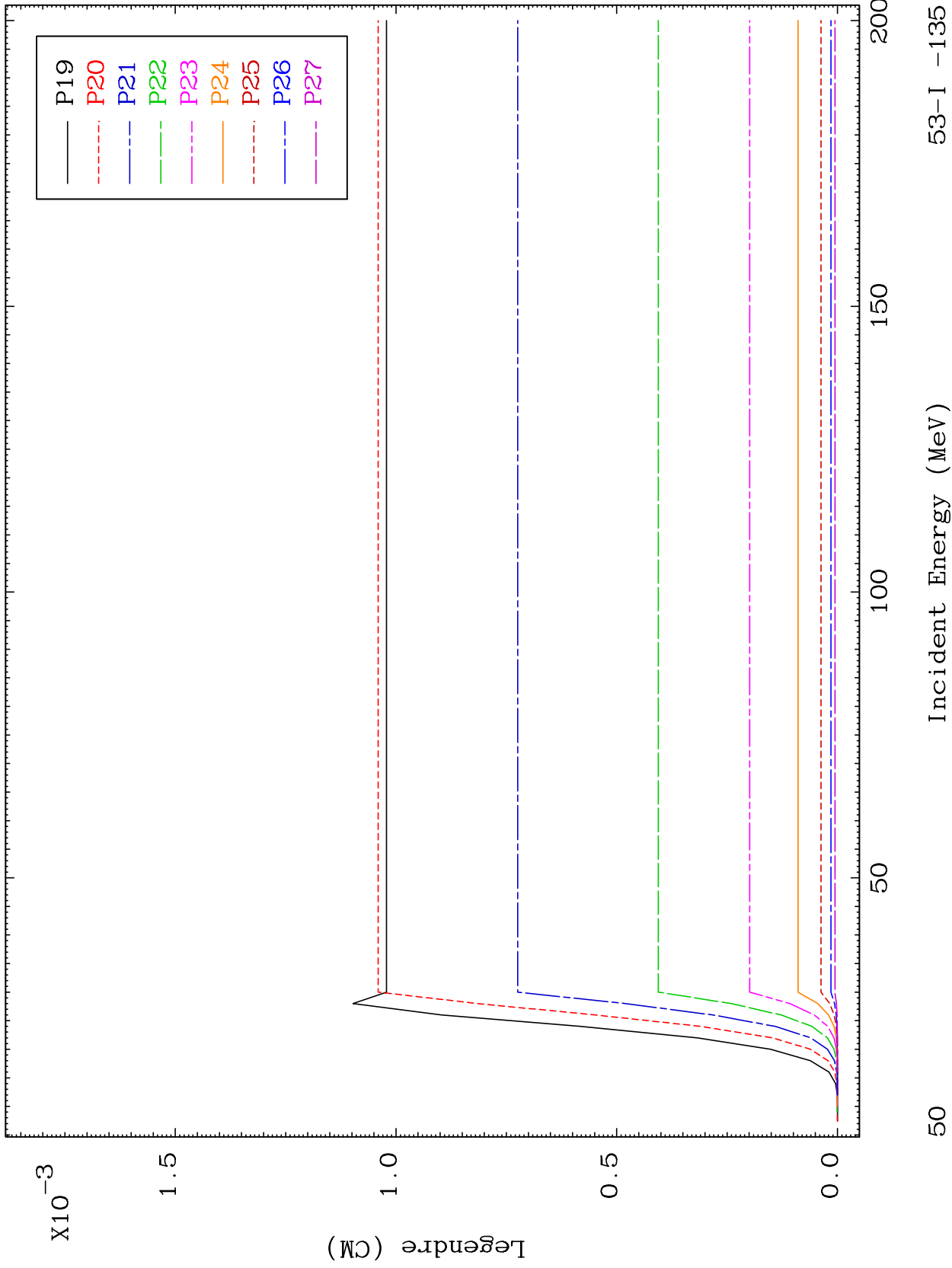
Incident Energy (MeV)

53-I -135

MAT 5349

1.710 MeV (n,n') Level
Legendre Coefficients

53-I -135



50

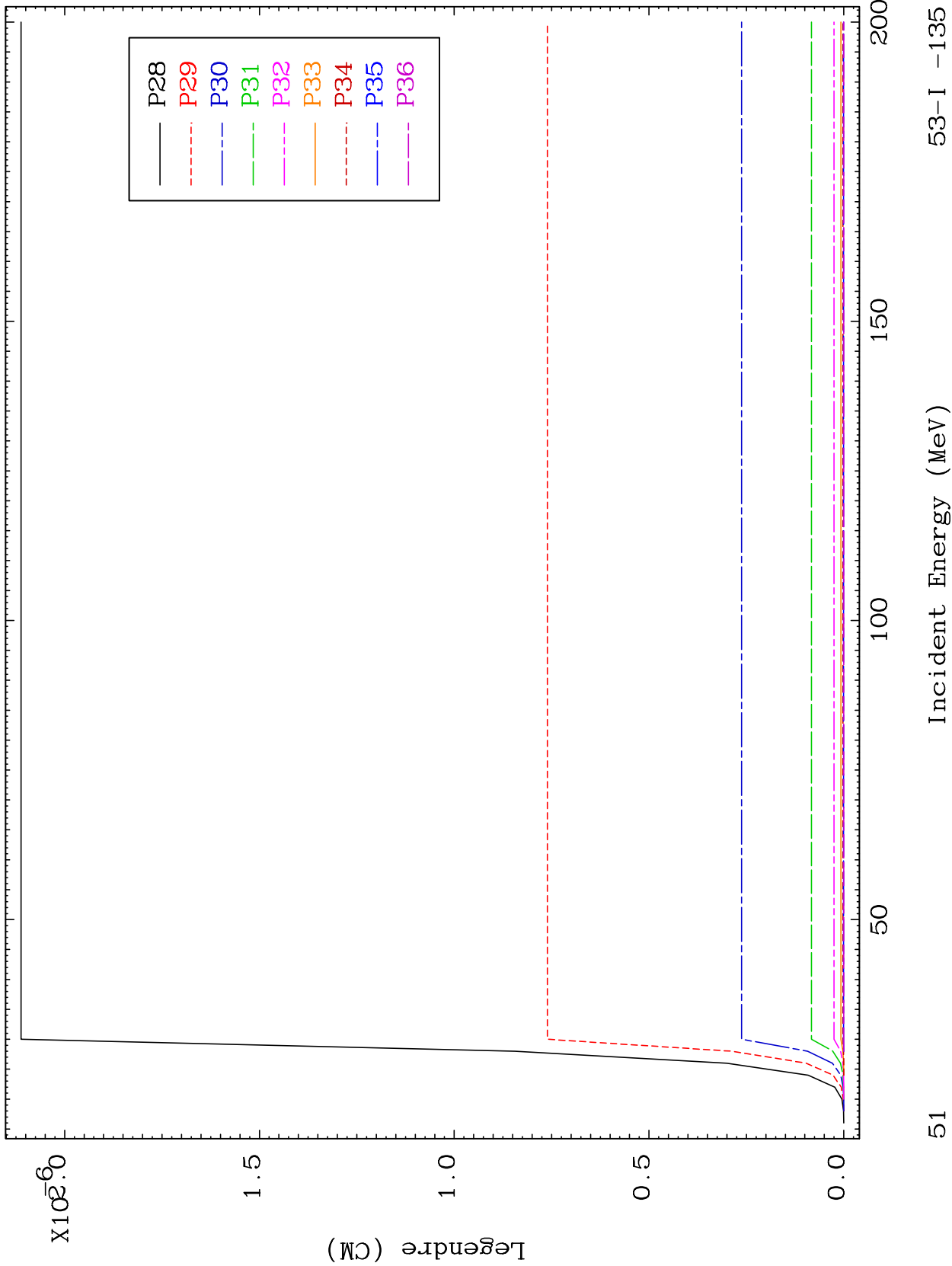
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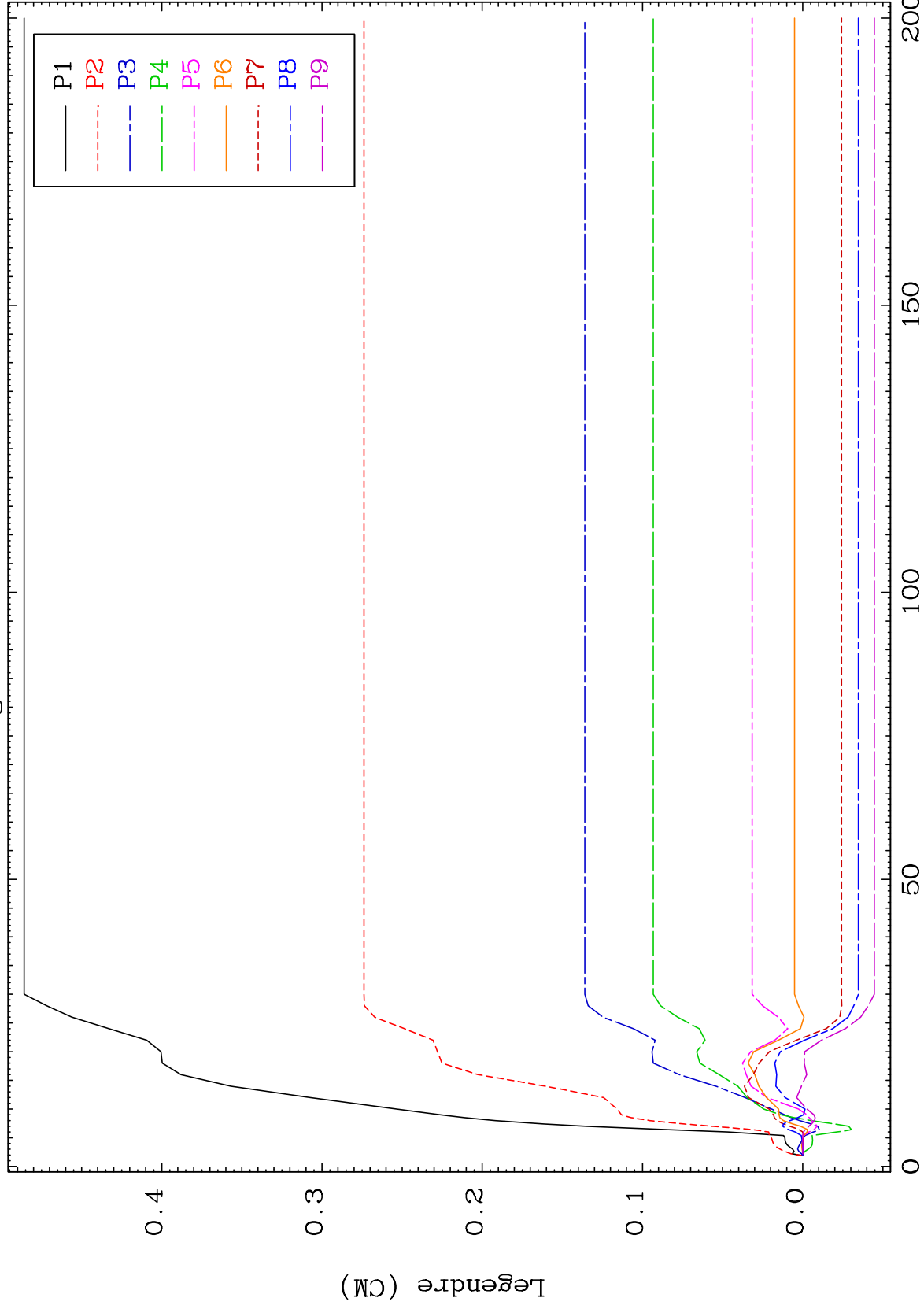
53-I -135



MAT 5349

1.857 MeV (n,n') Level
Legendre Coefficients

53-I -135



52

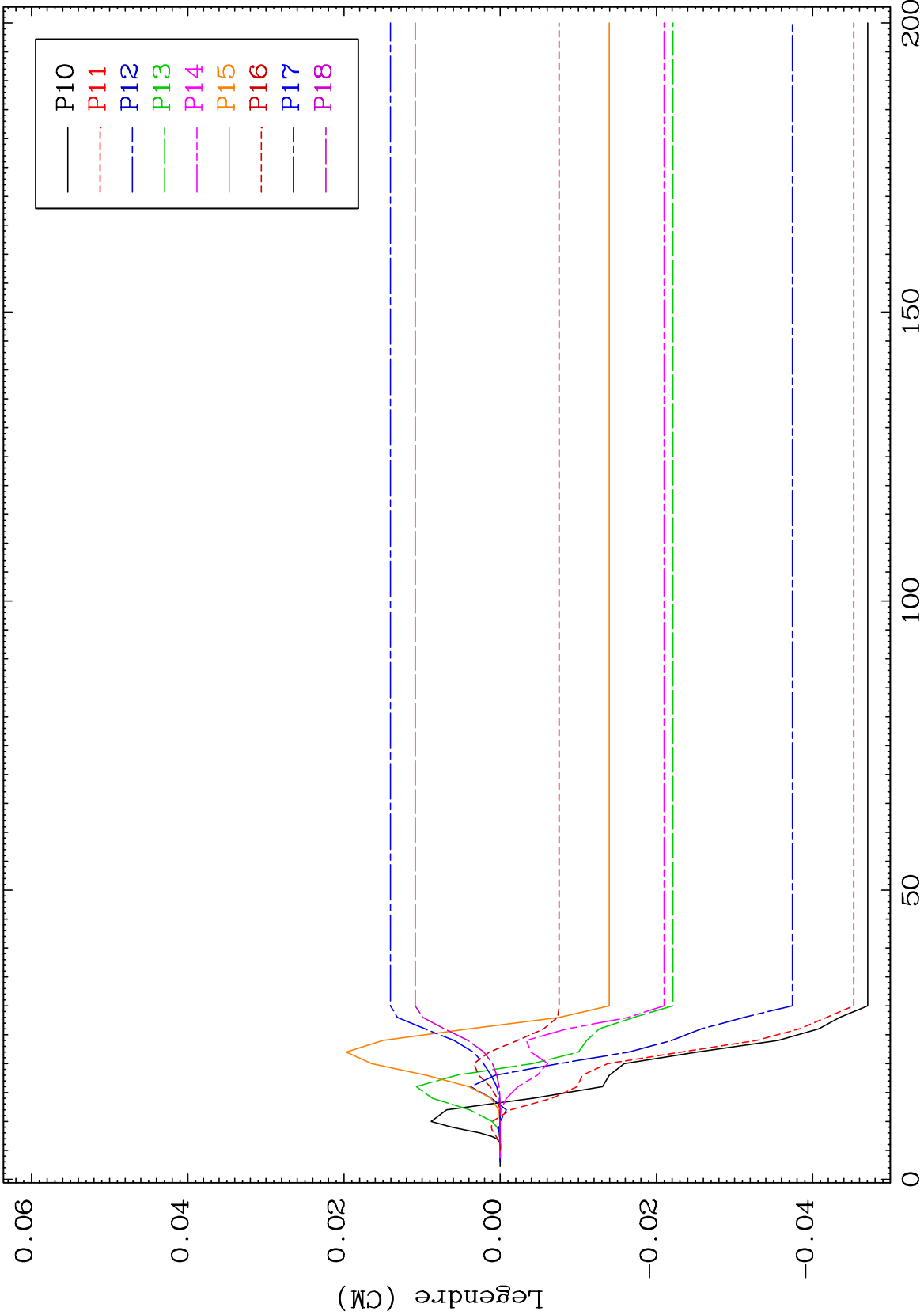
Incident Energy (MeV)

53-I -135

MAT 5349

1.857 MeV (n,n') Level
Legendre Coefficients

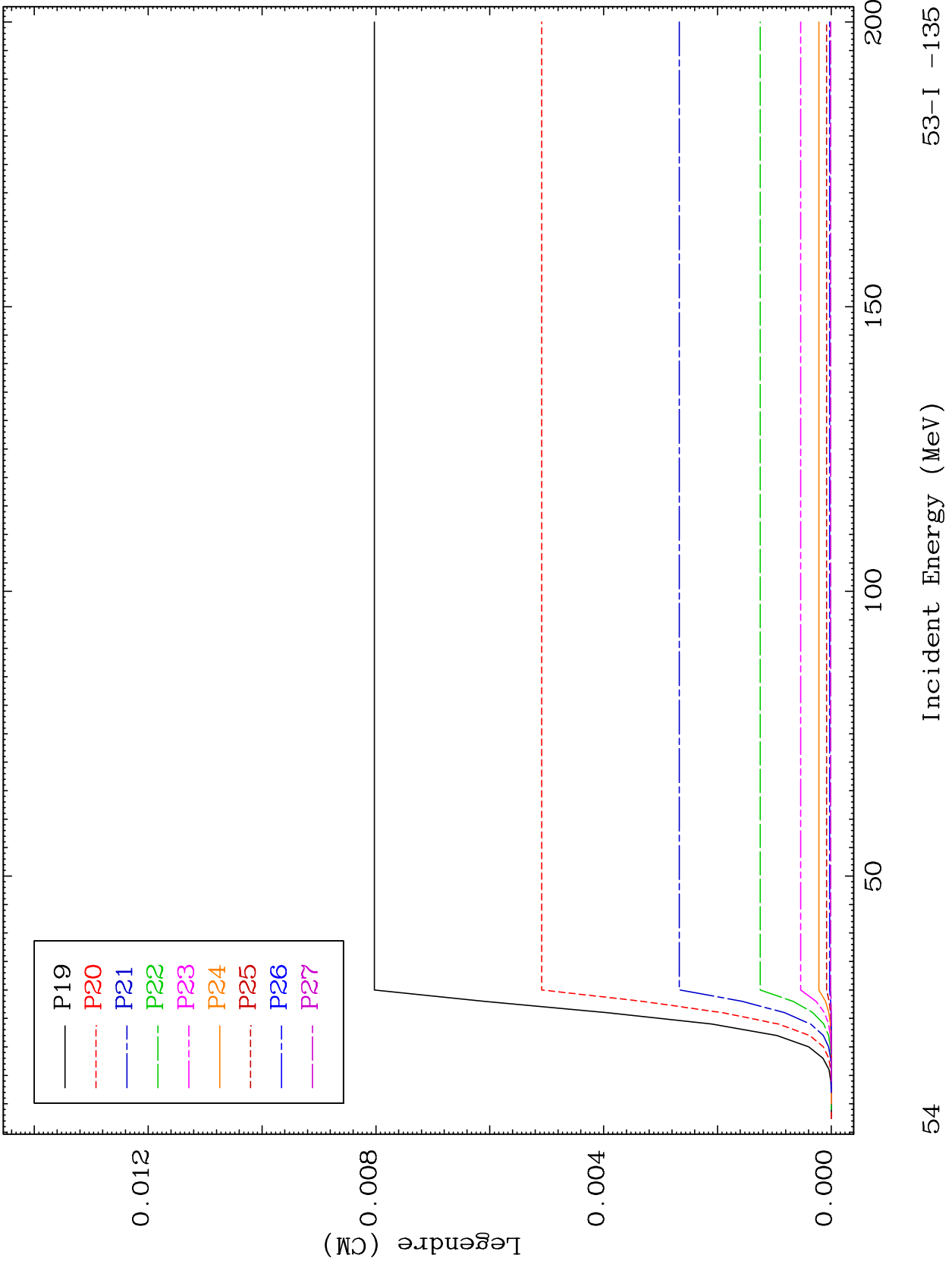
53-I -135



53

Incident Energy (MeV)

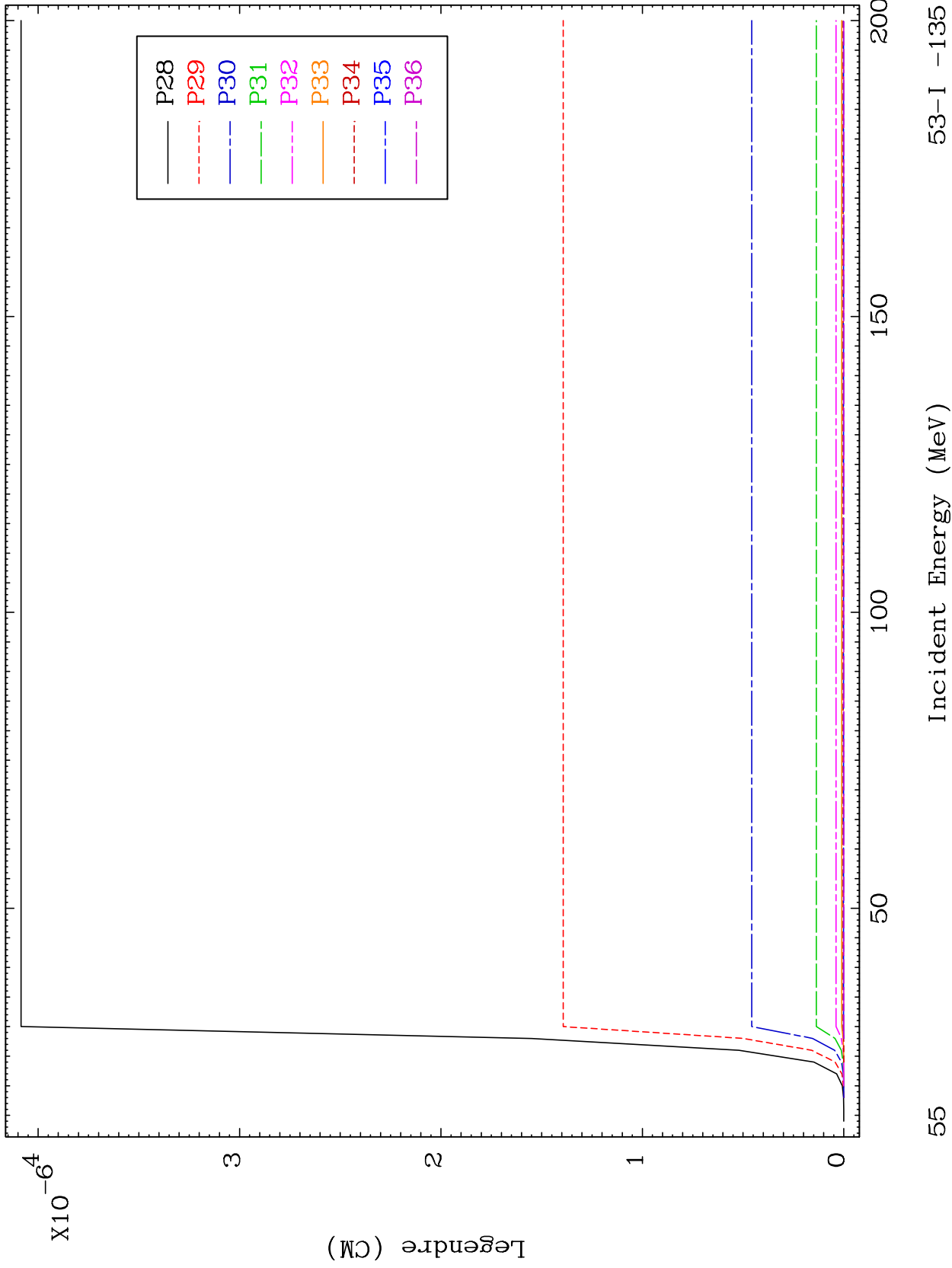
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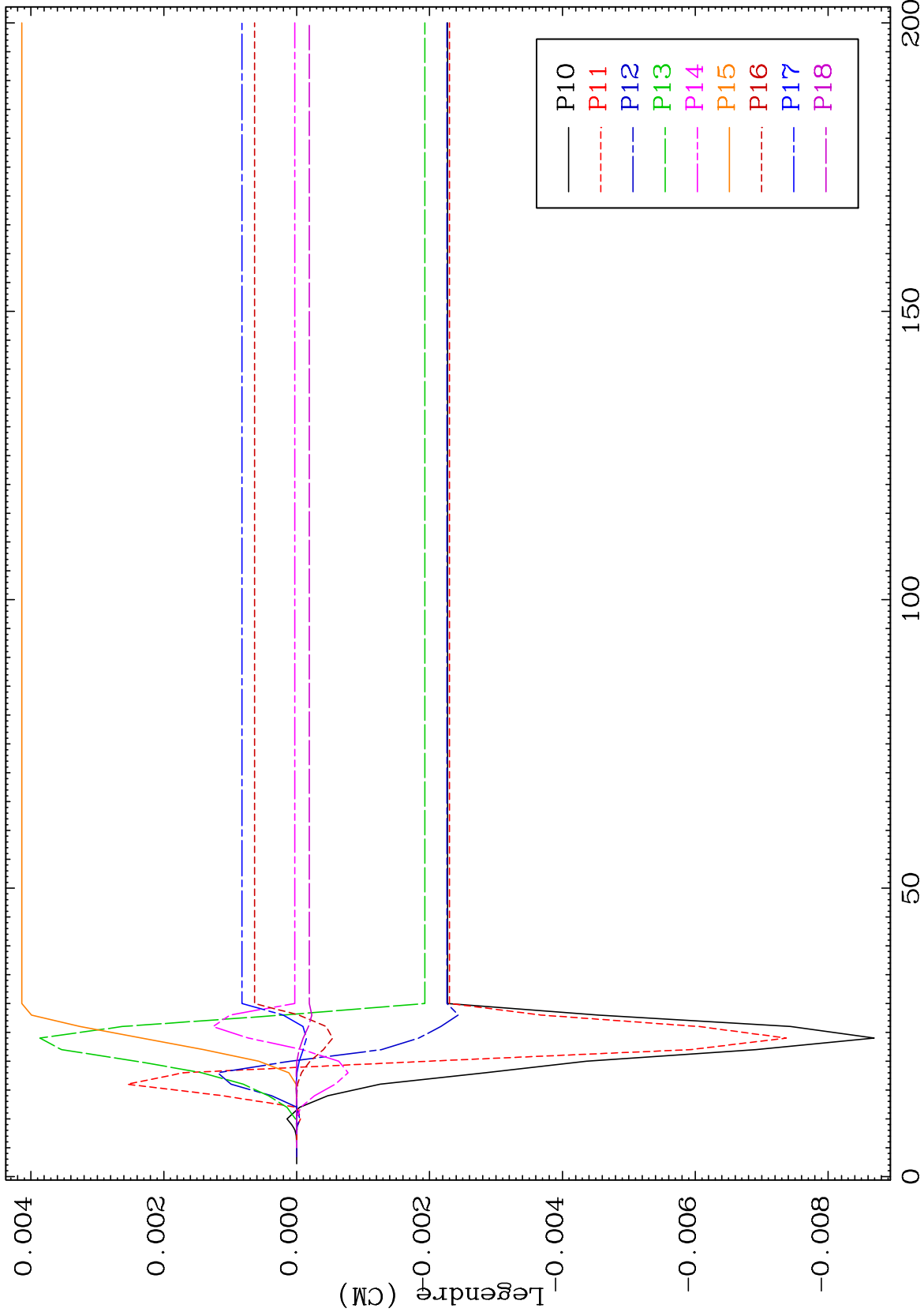


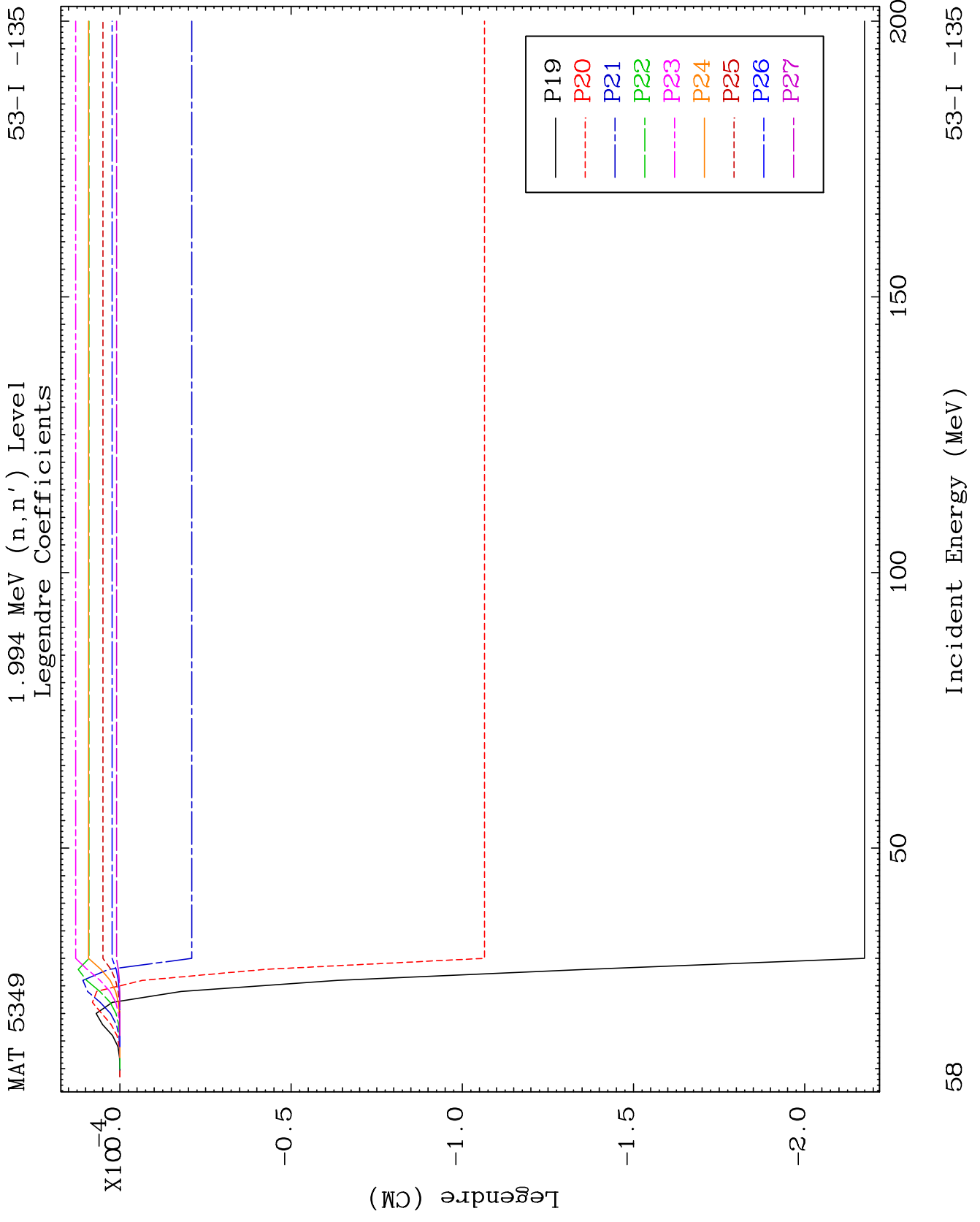
MAT 5349

1.857 MeV (n,n') Level
Legendre Coefficients

53-I -135



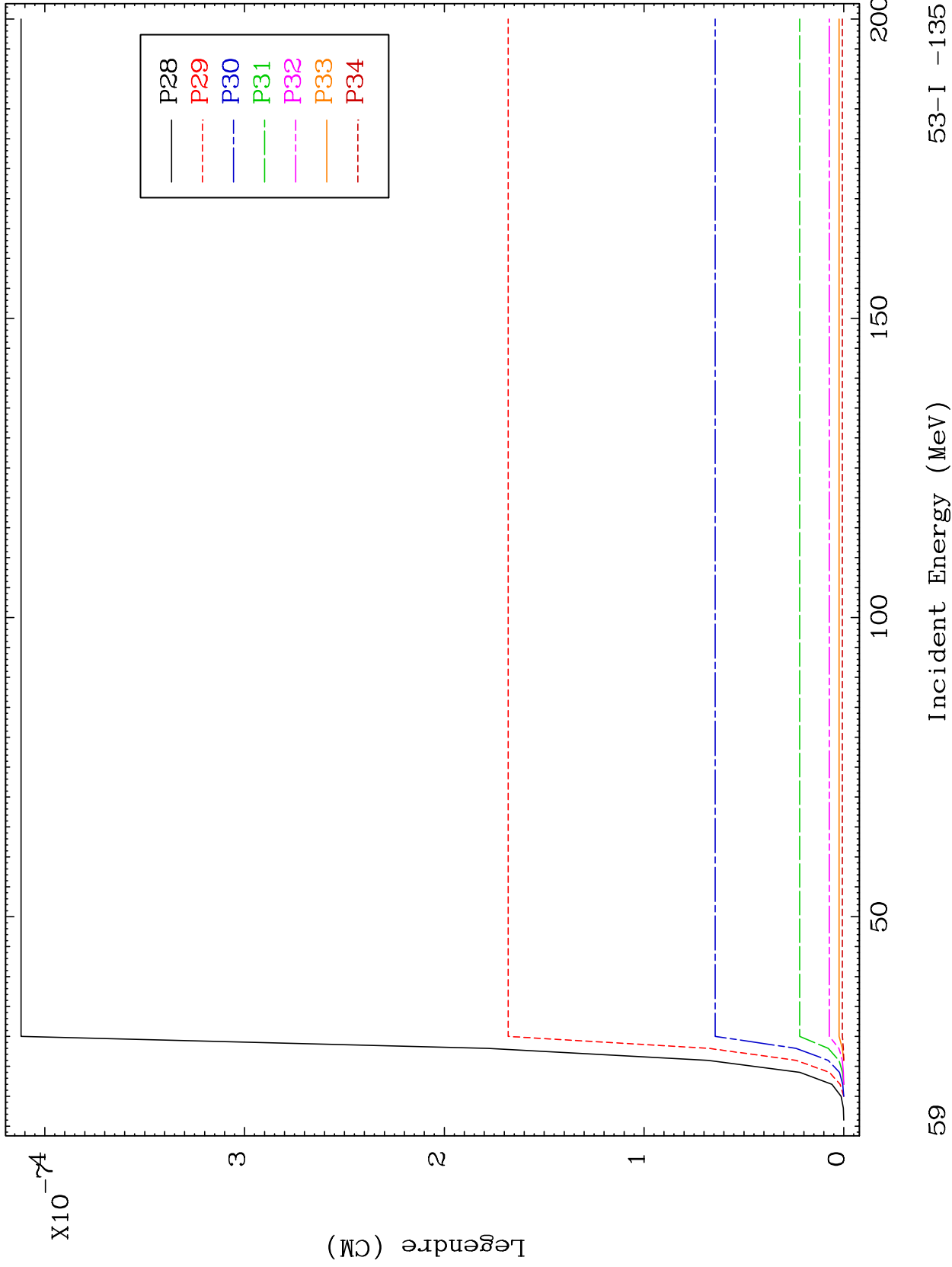




MAT 5349

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Legendre Coefficients

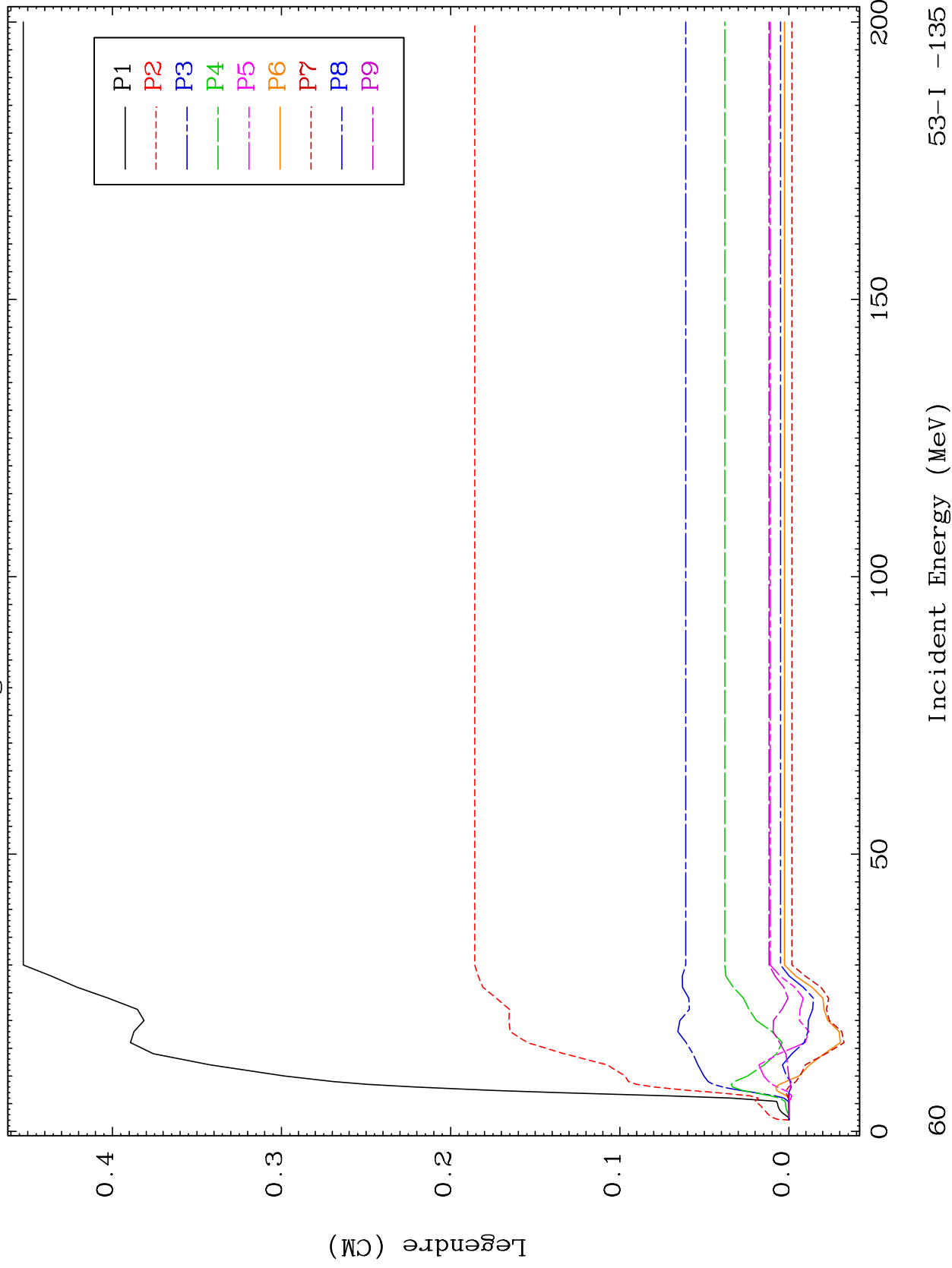
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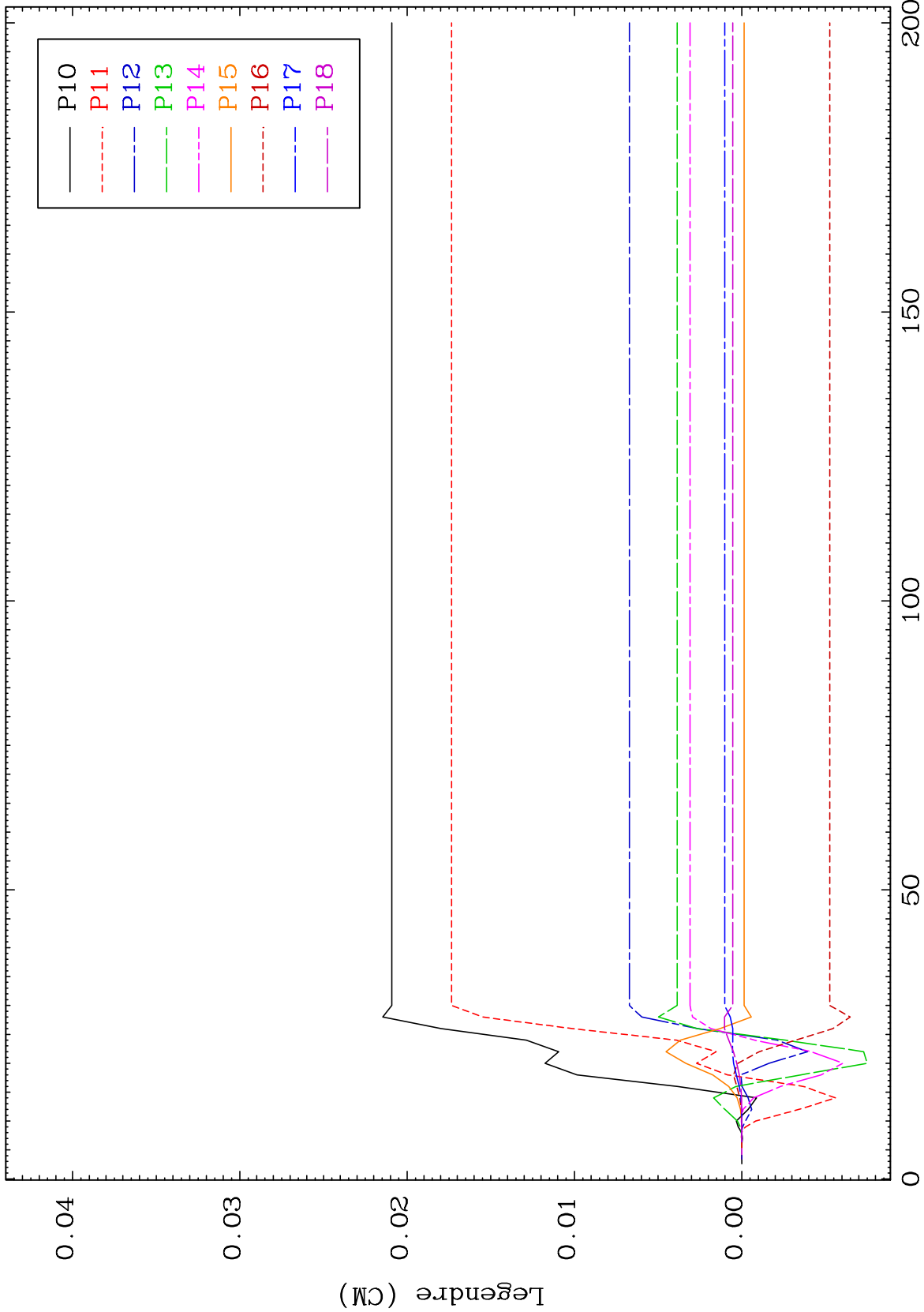


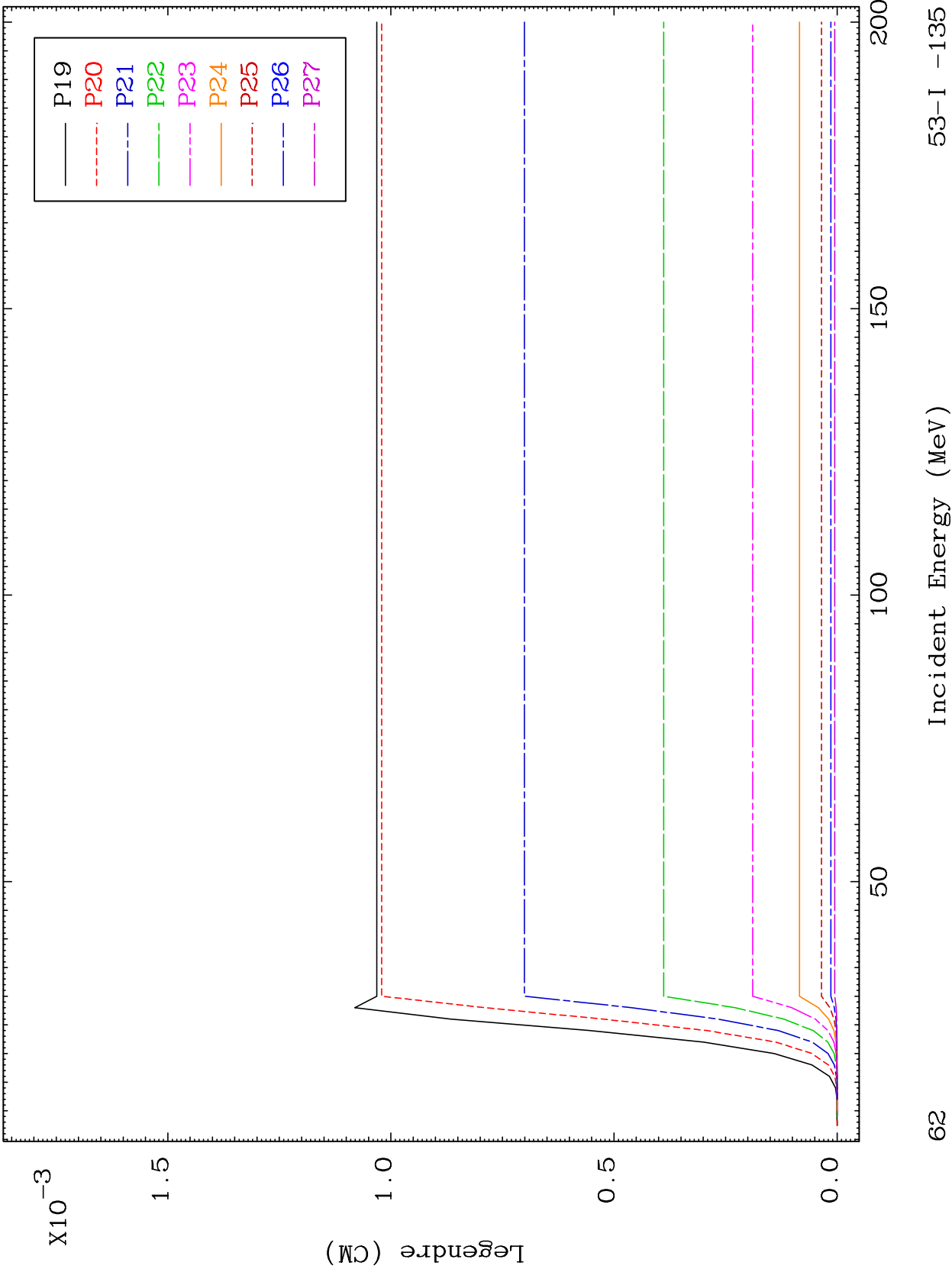
MAT 5349

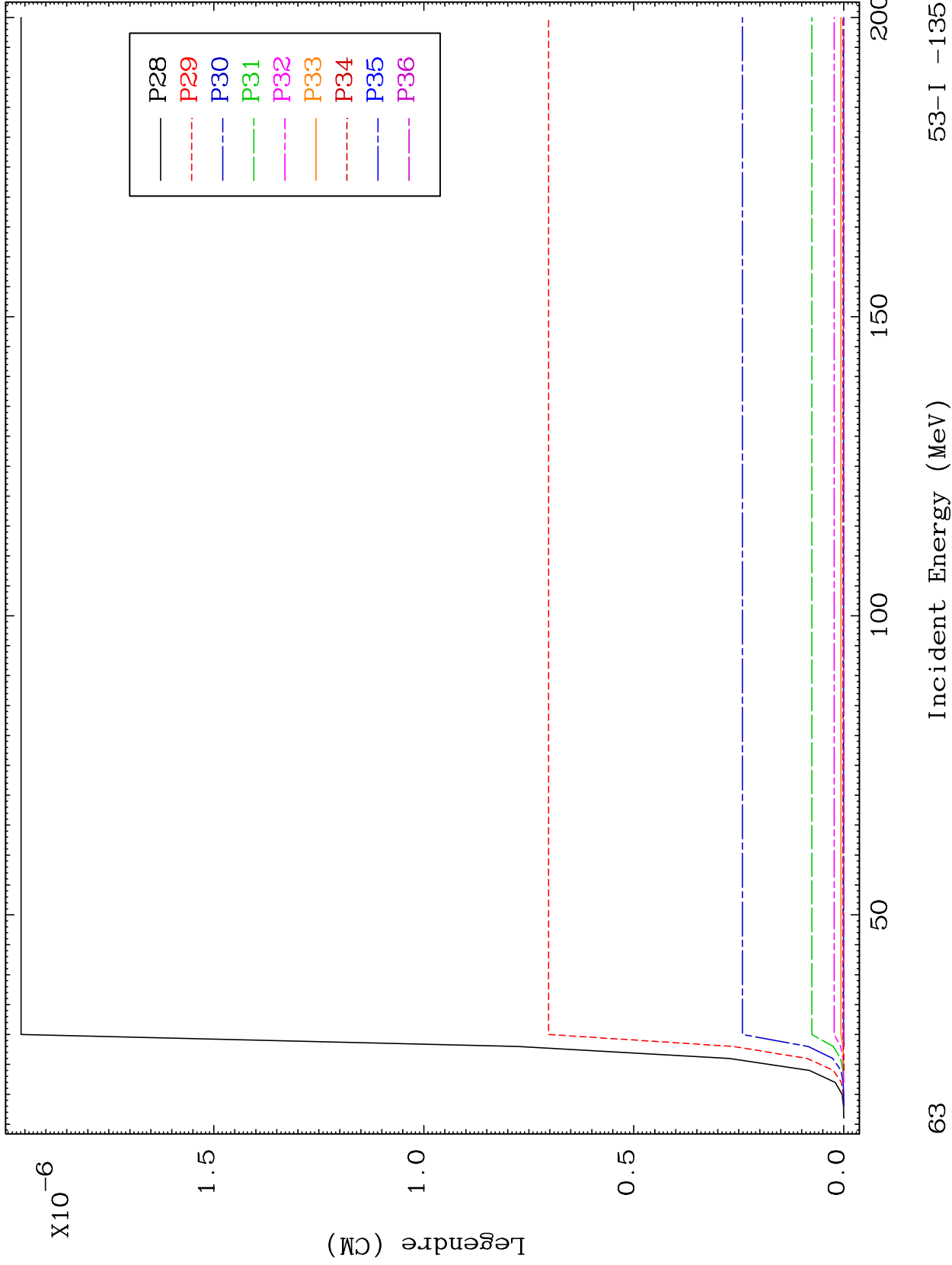
2.027 MeV (n,n') Level
Legendre Coefficients

53-I -135





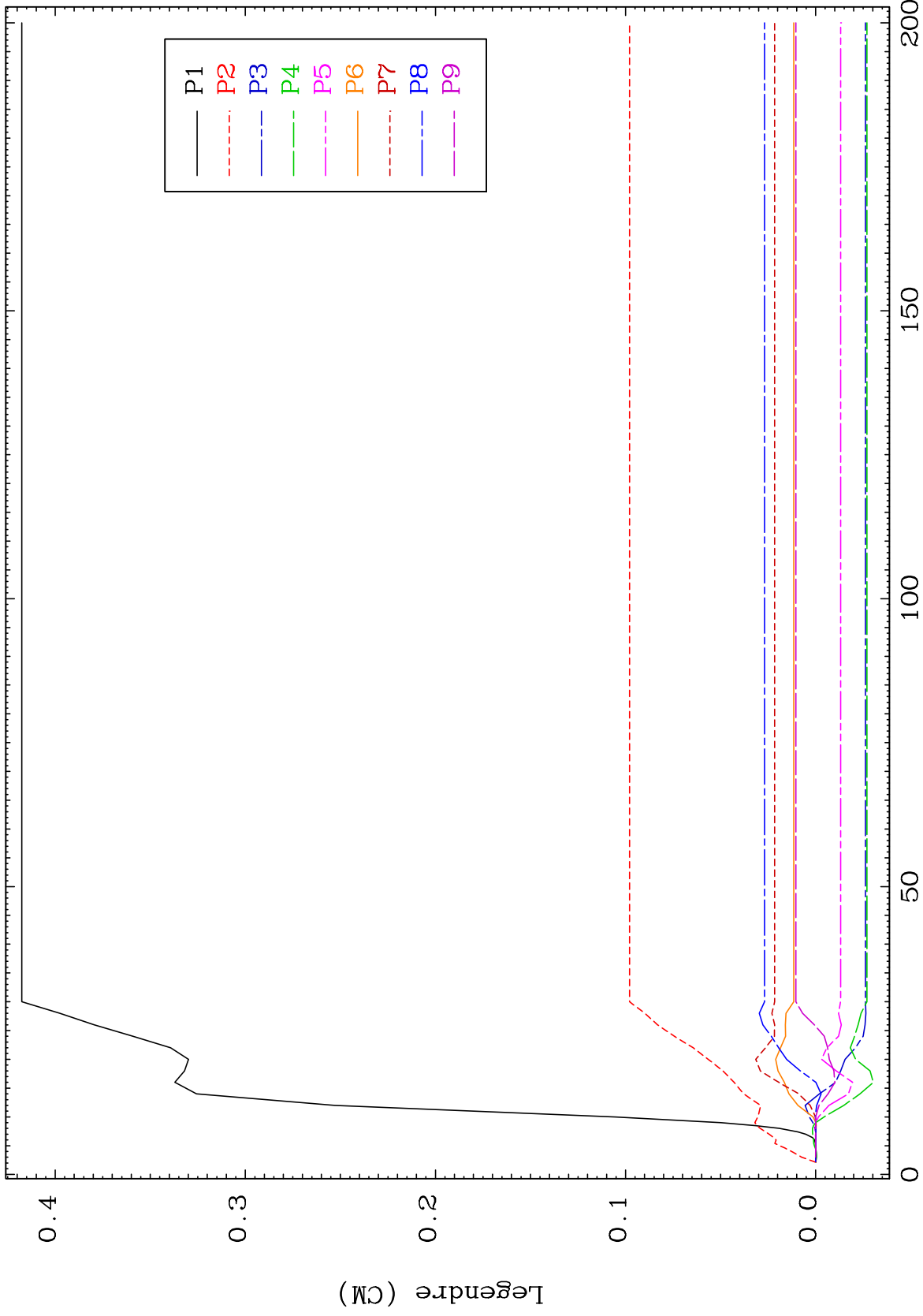




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2.069 MeV (n,n') Level
Legendre Coefficients

53-I -135



64

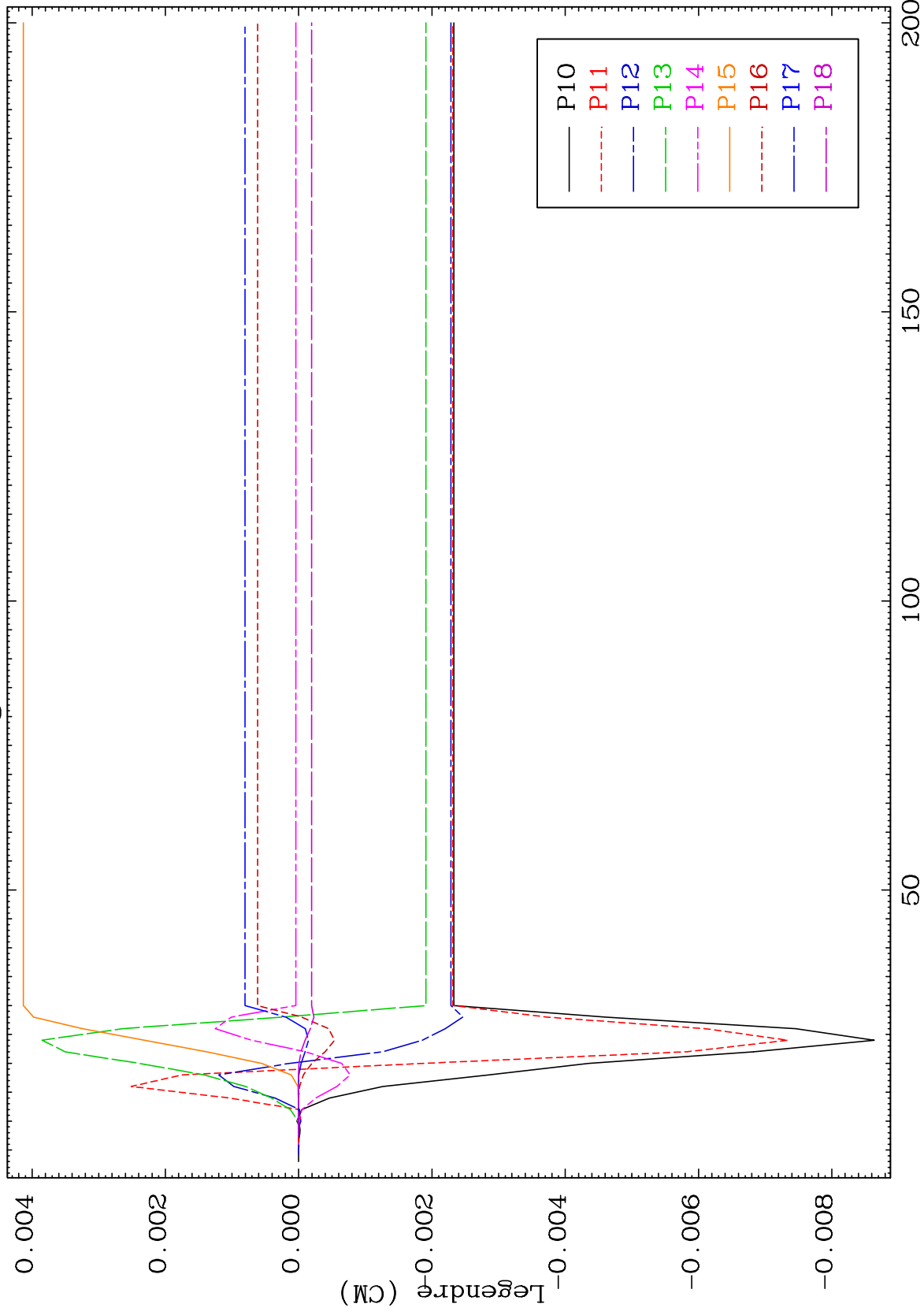
Incident Energy (MeV)

53-I -135

MAT 5349

2.069 MeV (n,n') Level
Legendre Coefficients

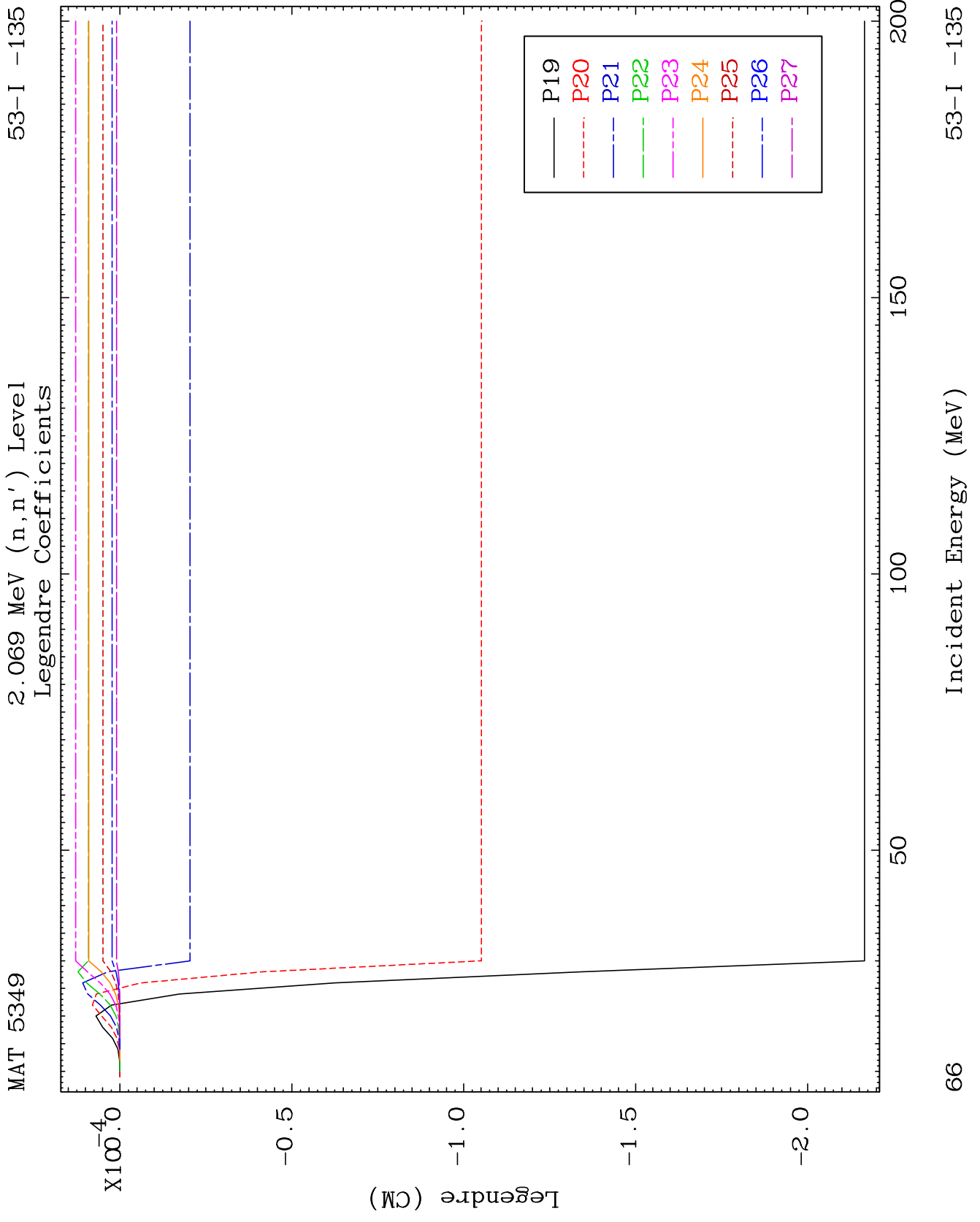
53-I -135



Incident Energy (MeV)

53-I -135

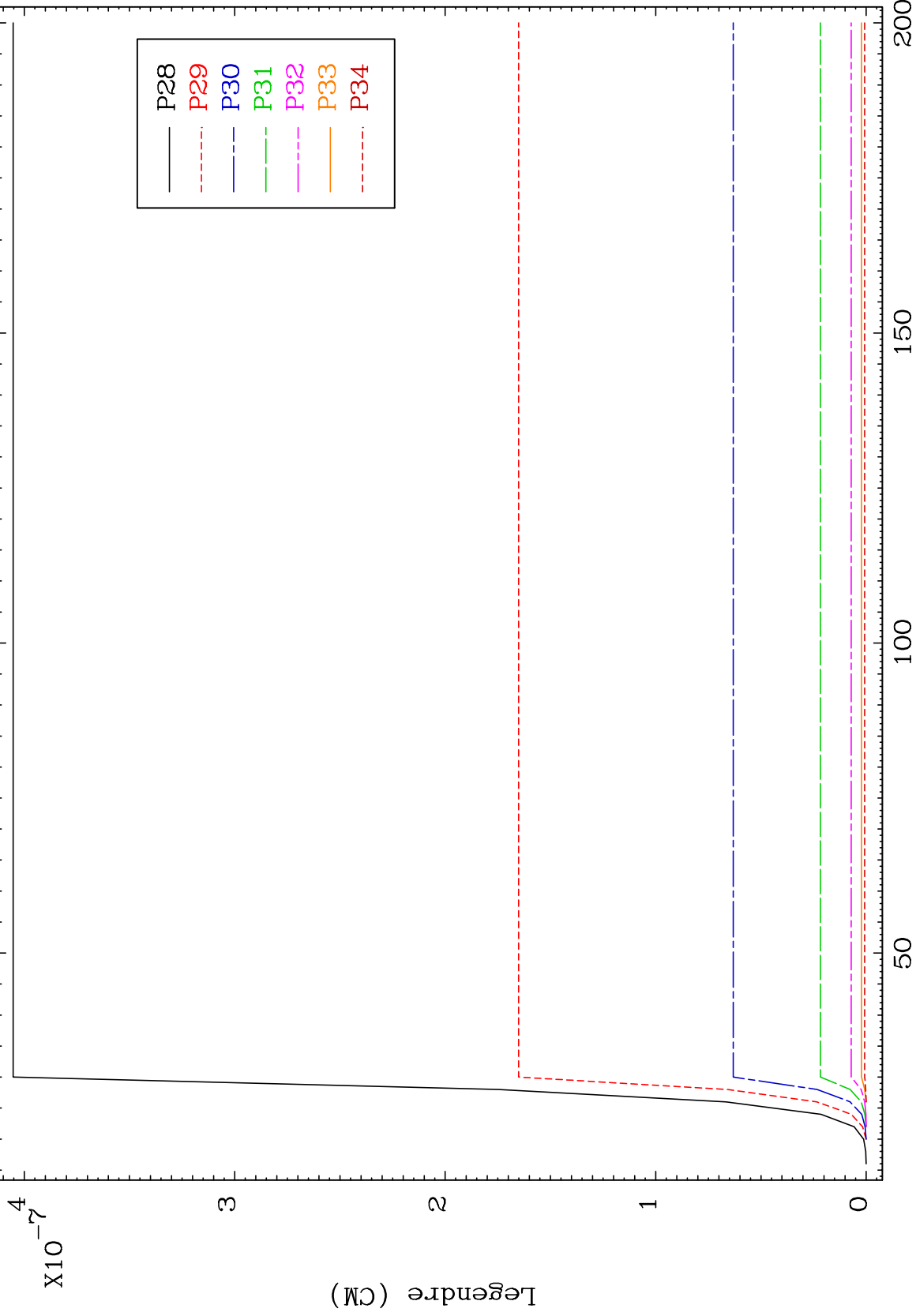
65



MAT 5349

2.069 MeV (n,n') Level
Legendre Coefficients

53-I -135



67

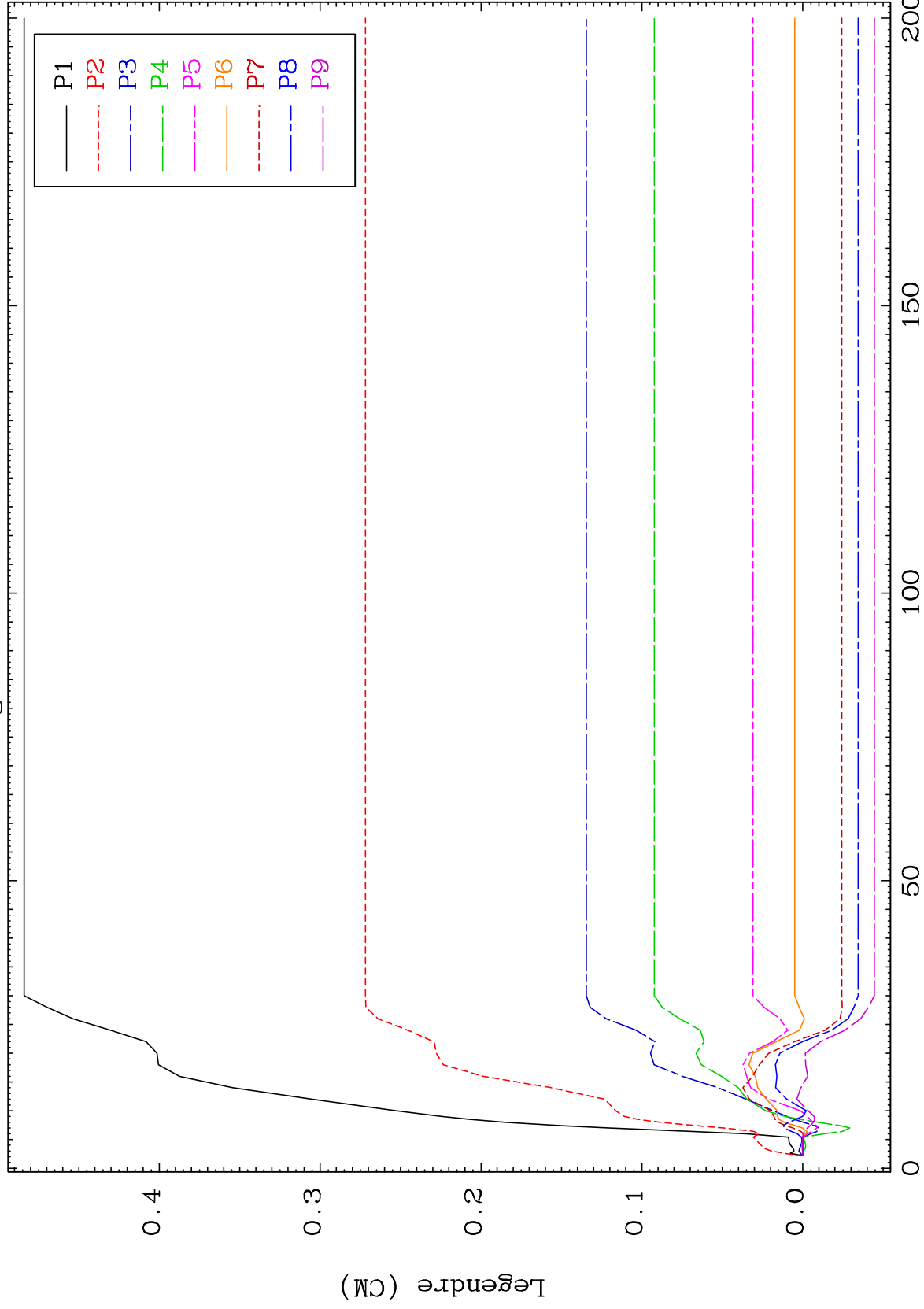
Incident Energy (MeV)

53-I -135

MAT 5349

2.157 MeV (n,n') Level
Legendre Coefficients

53-I -135



68

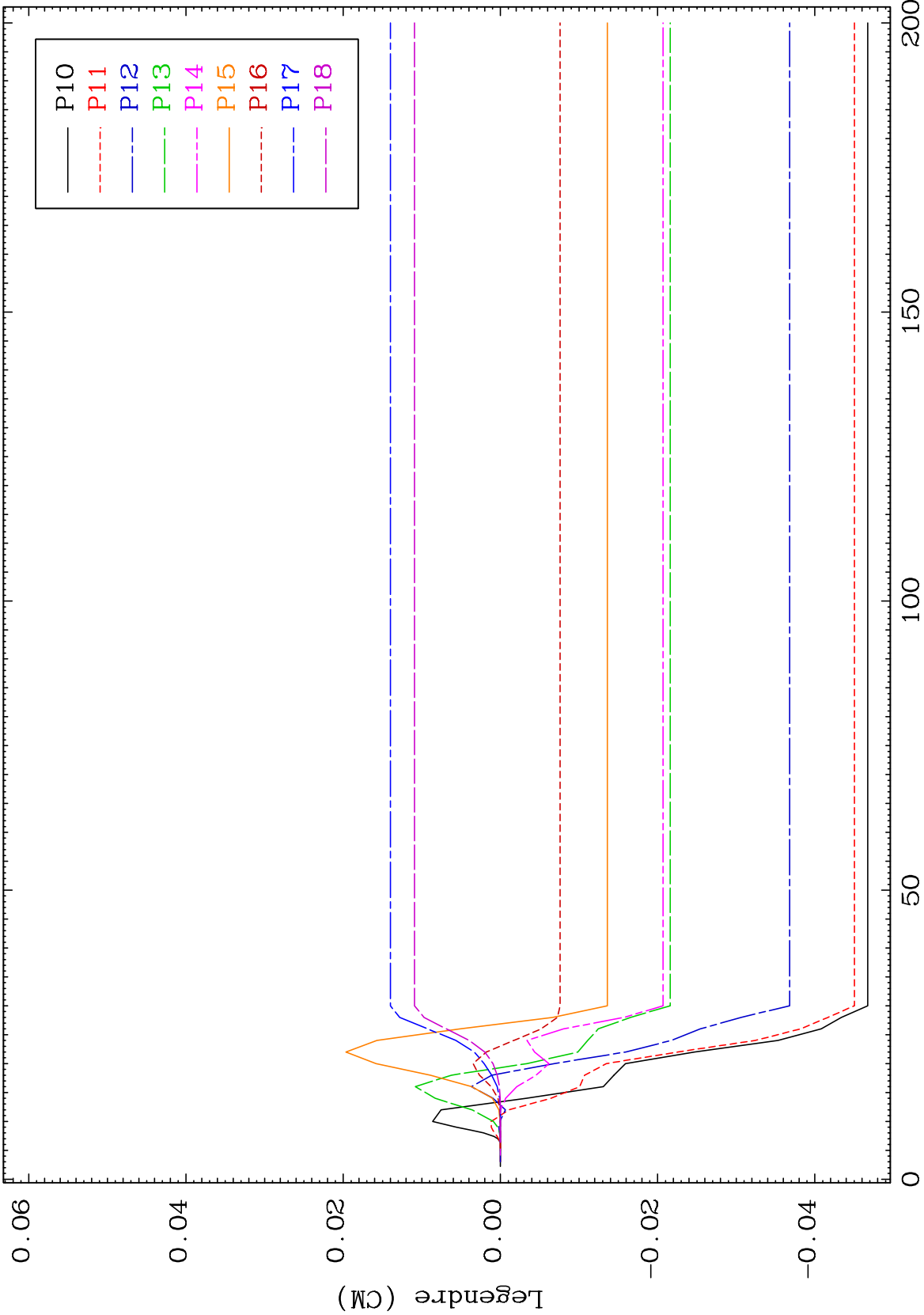
Incident Energy (MeV)

53-I -135

MAT 5349

2.157 MeV (n,n') Level
Legendre Coefficients

53-I -135



69

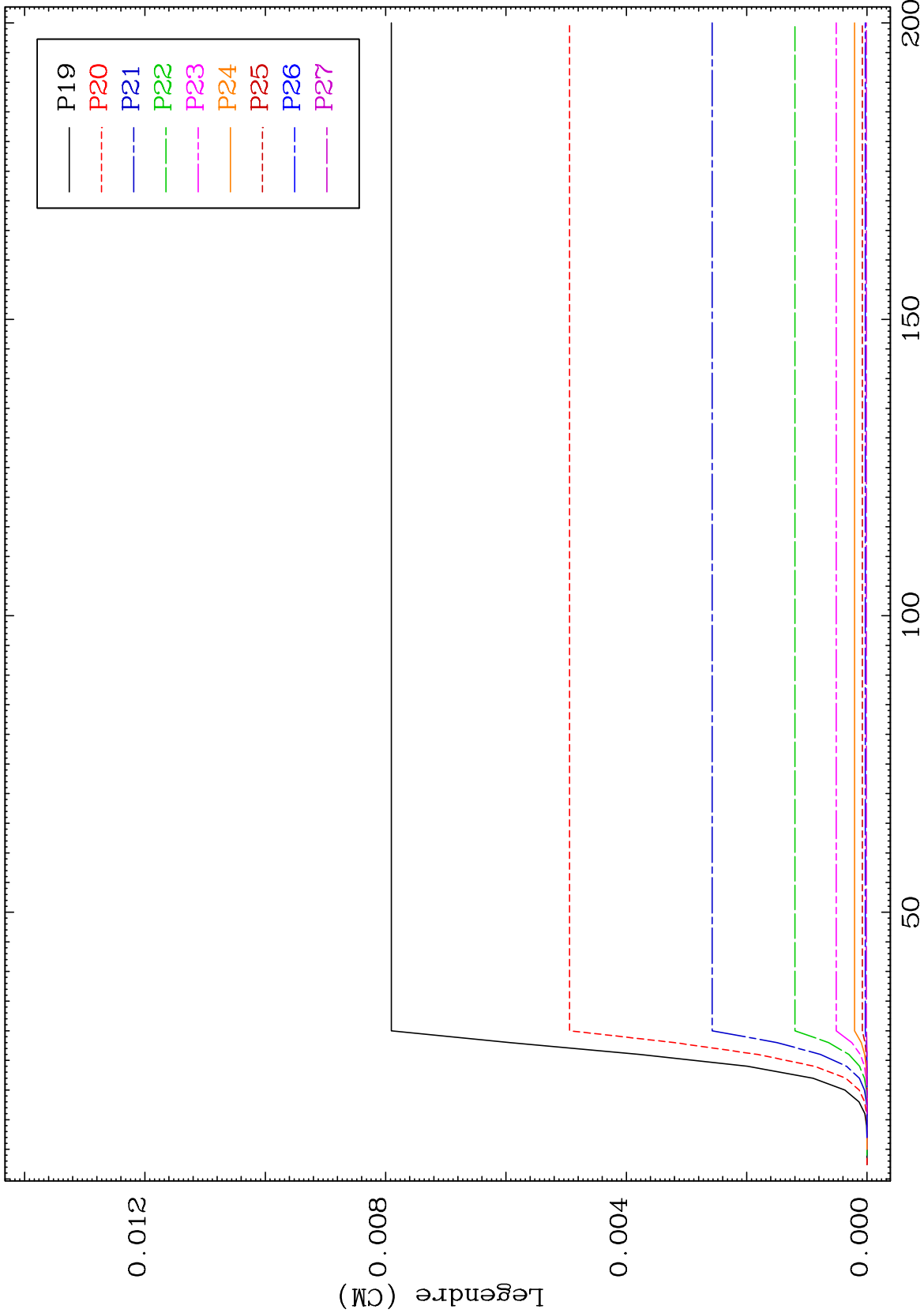
Incident Energy (MeV)

53-I -135

MAT 5349

2.157 MeV (n,n') Level
Legendre Coefficients

53-I -135



70

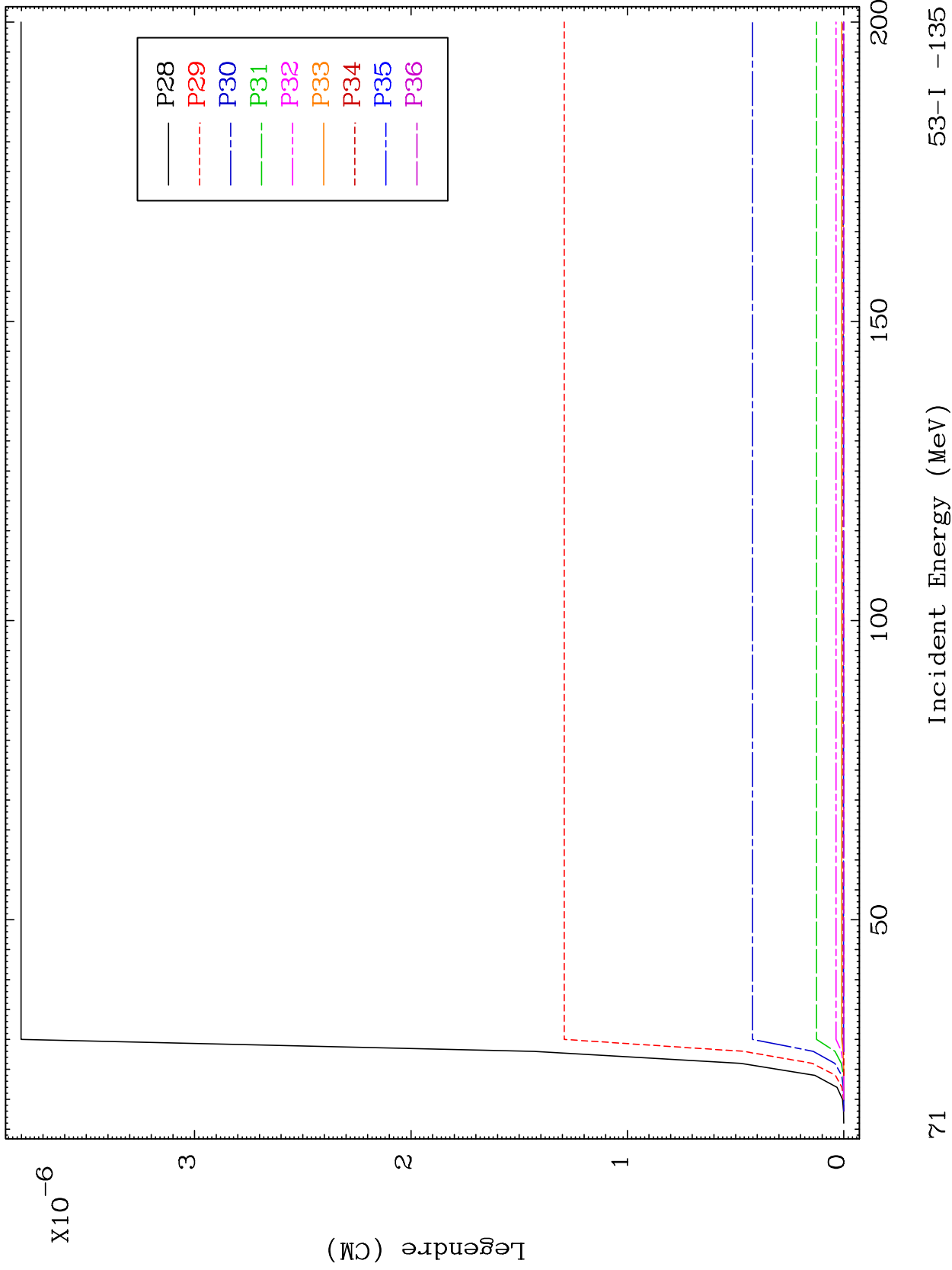
Incident Energy (MeV)

53-I -135

MAT 5349

2.157 MeV (n,n') Level
Legendre Coefficients

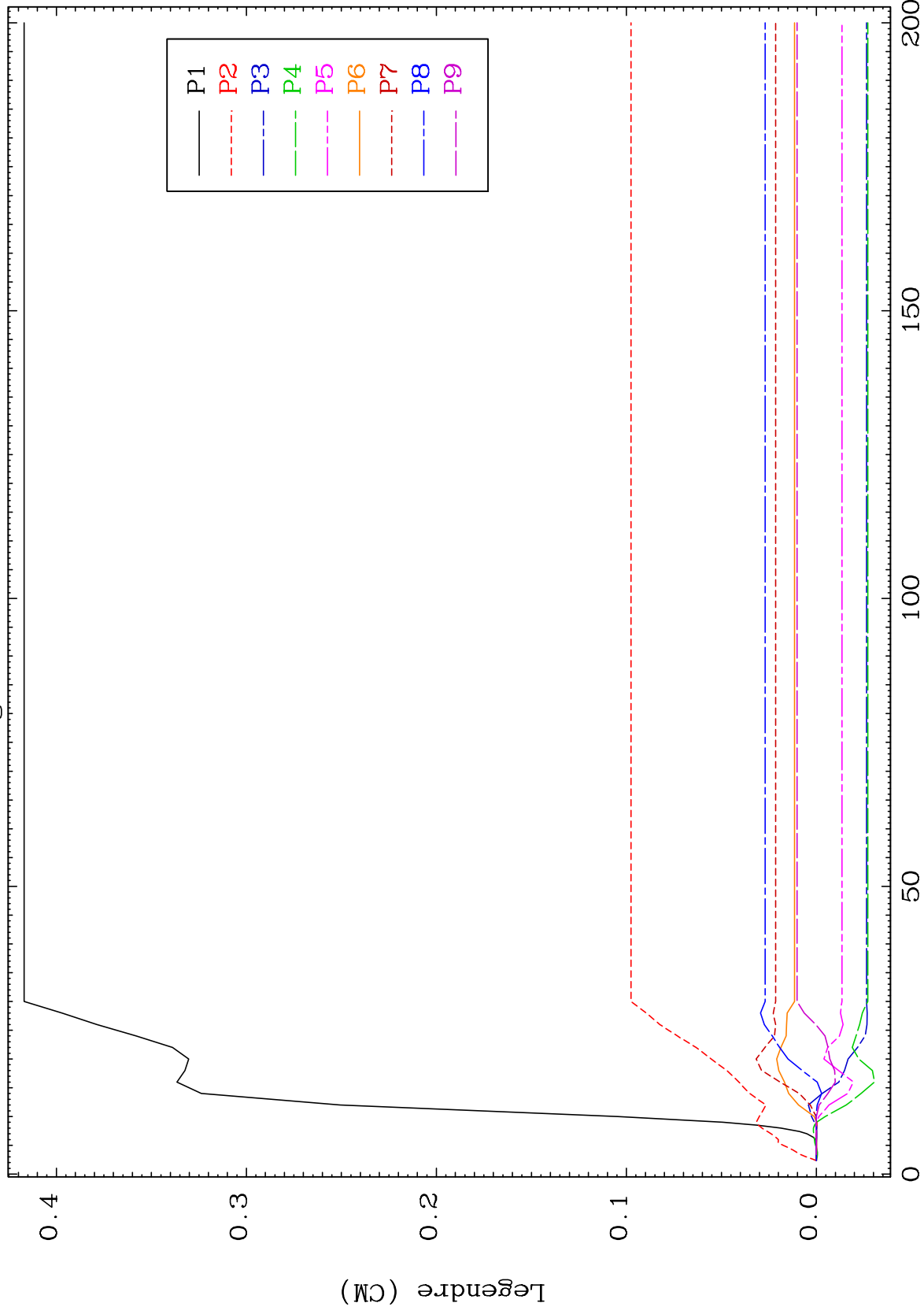
53-I -135



MAT 5349

2.313 MeV (n,n') Level
Legendre Coefficients

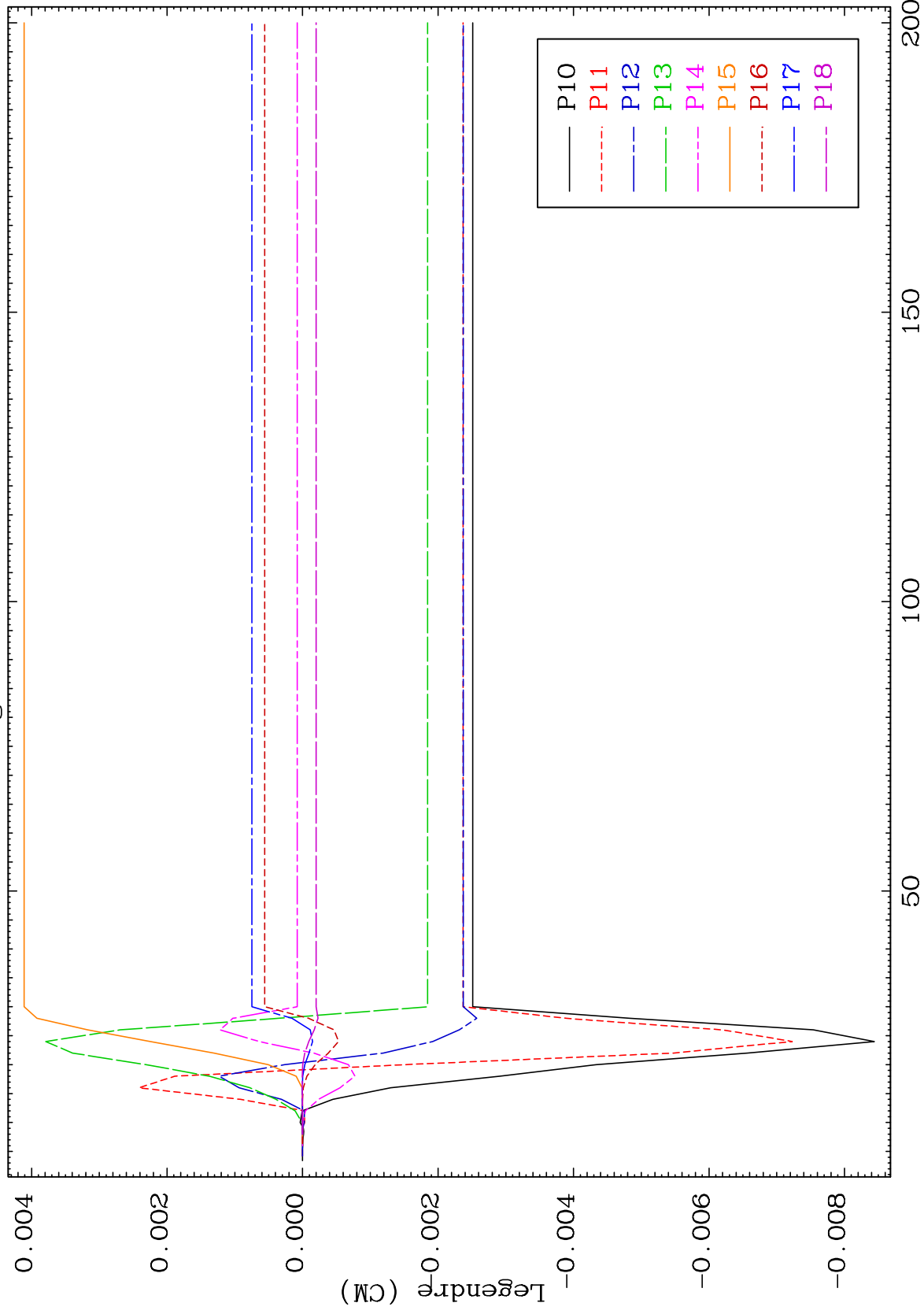
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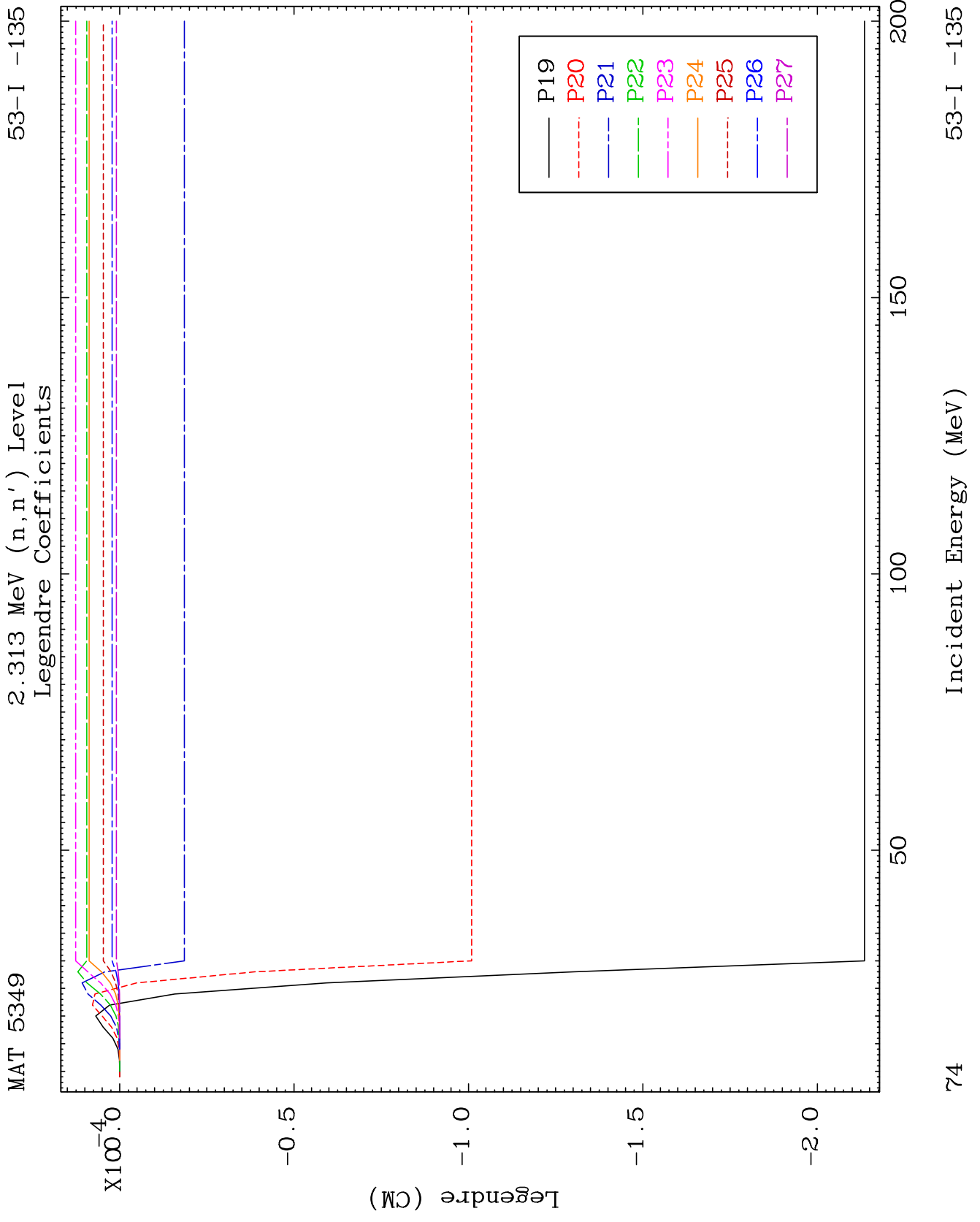


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Incident Energy (MeV)

53-I -135

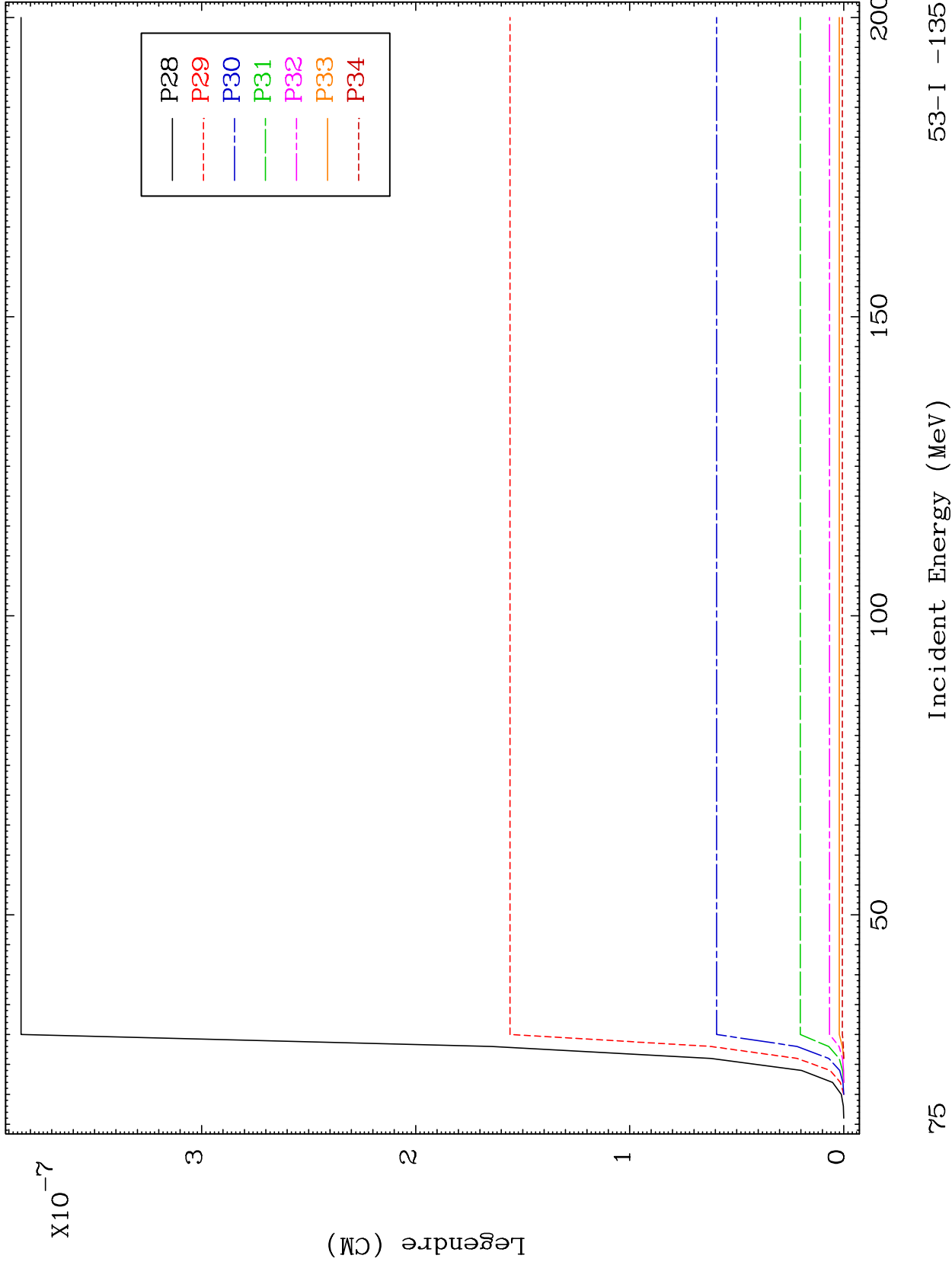




MAT 5349

2.313 MeV (n,n') Level
Legendre Coefficients

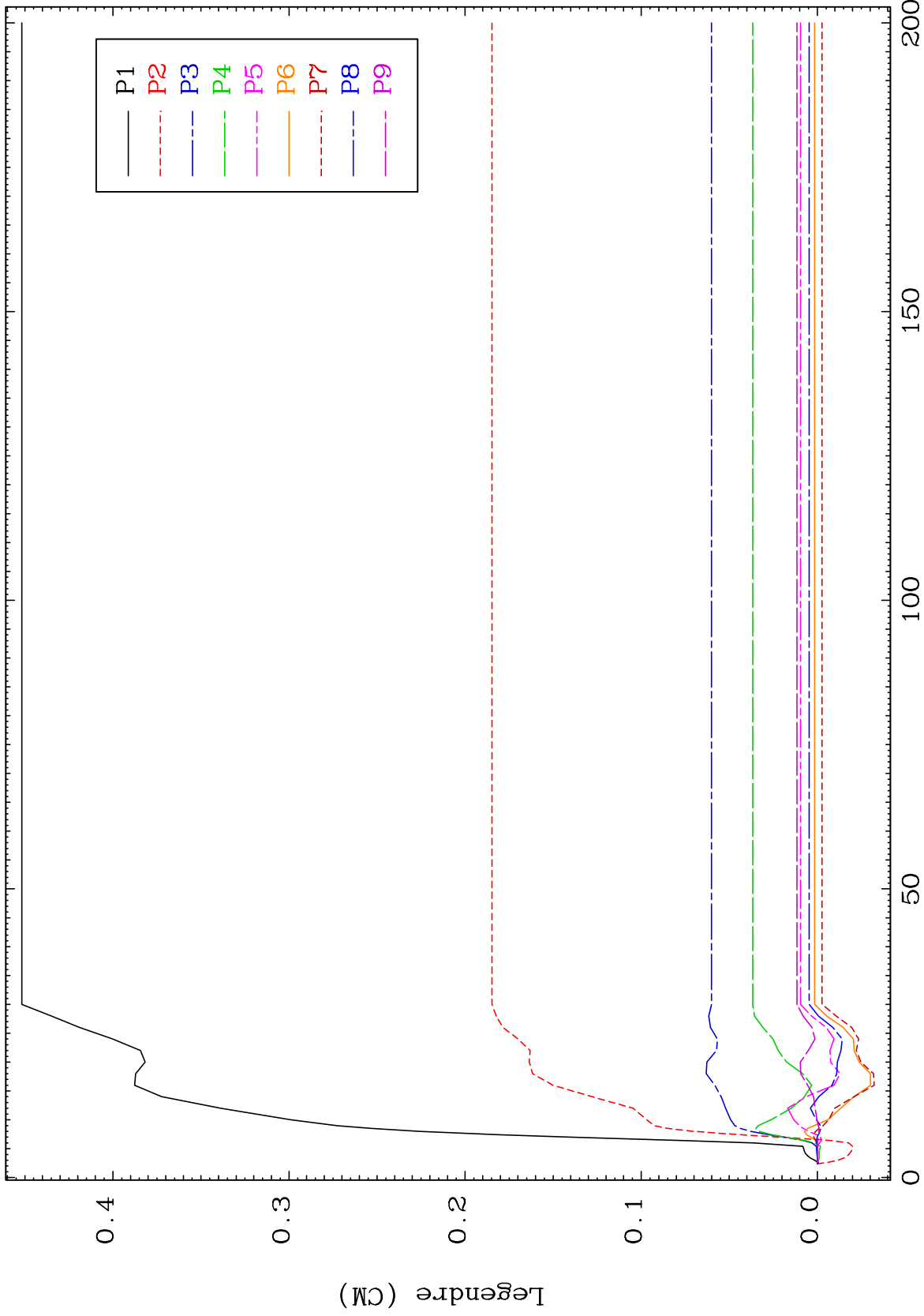
53-I -135

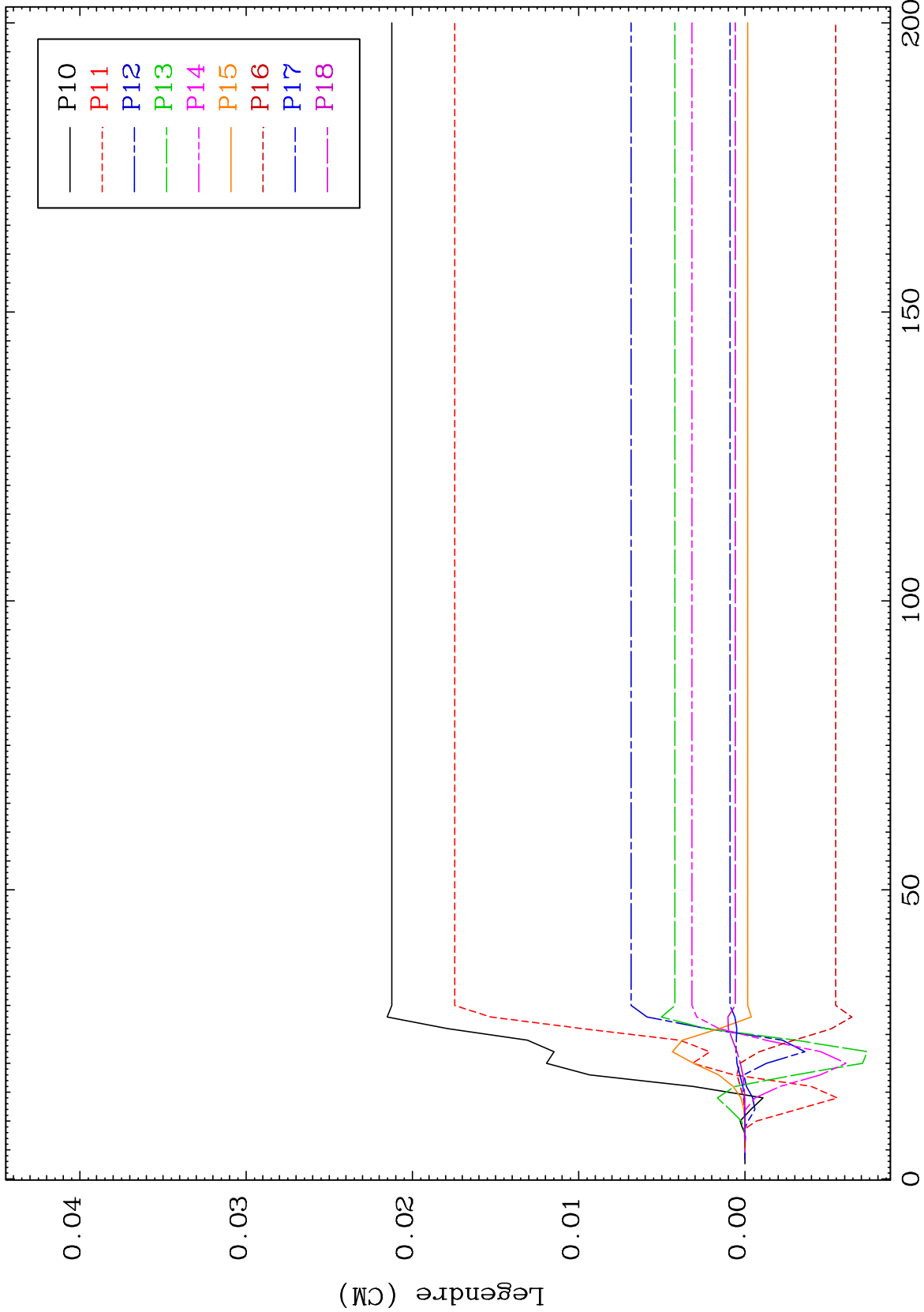


75

Incident Energy (MeV)

53-I -135

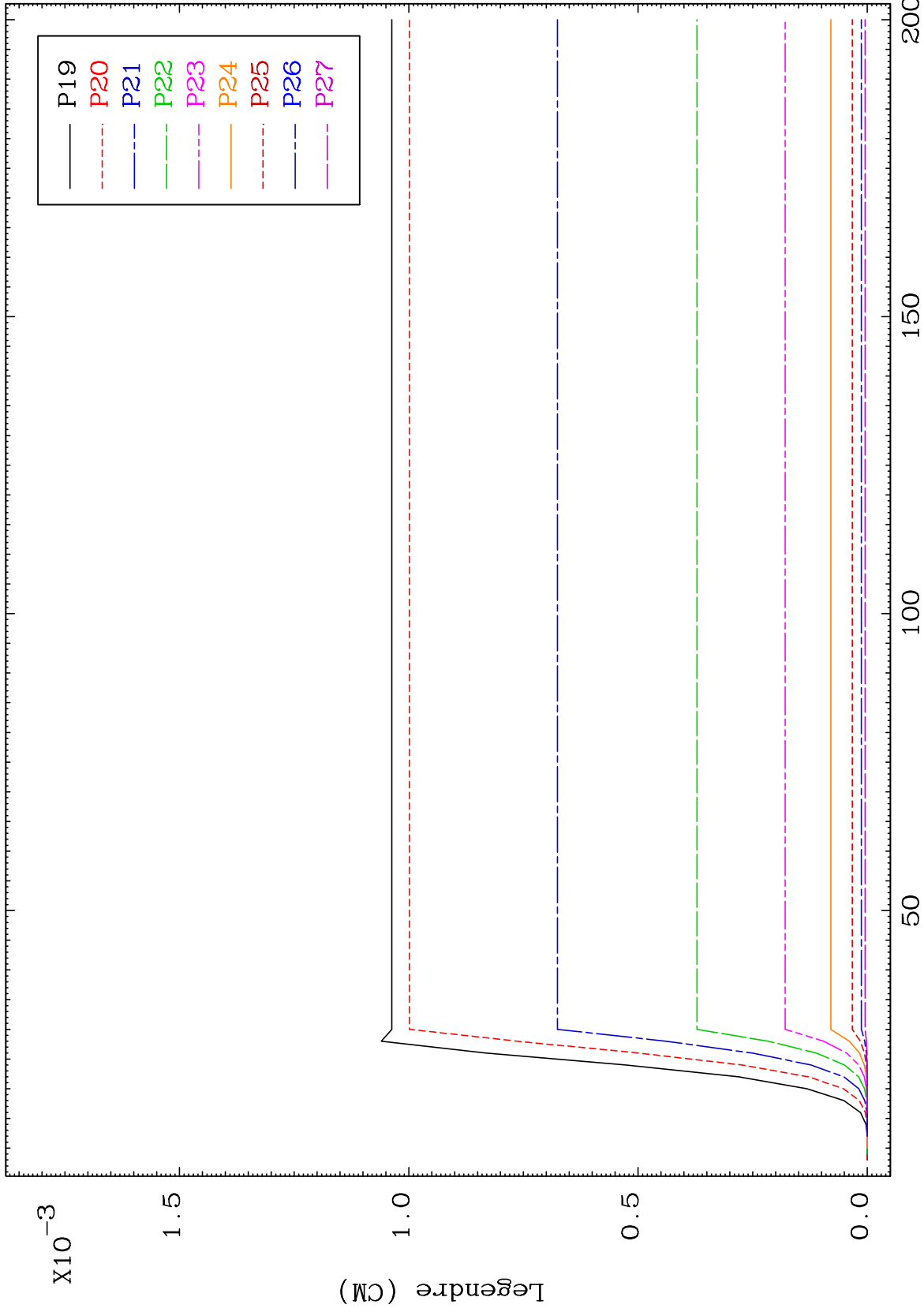




MAT 5349

2.350 MeV (n,n') Level
Legendre Coefficients

53-I -135



78

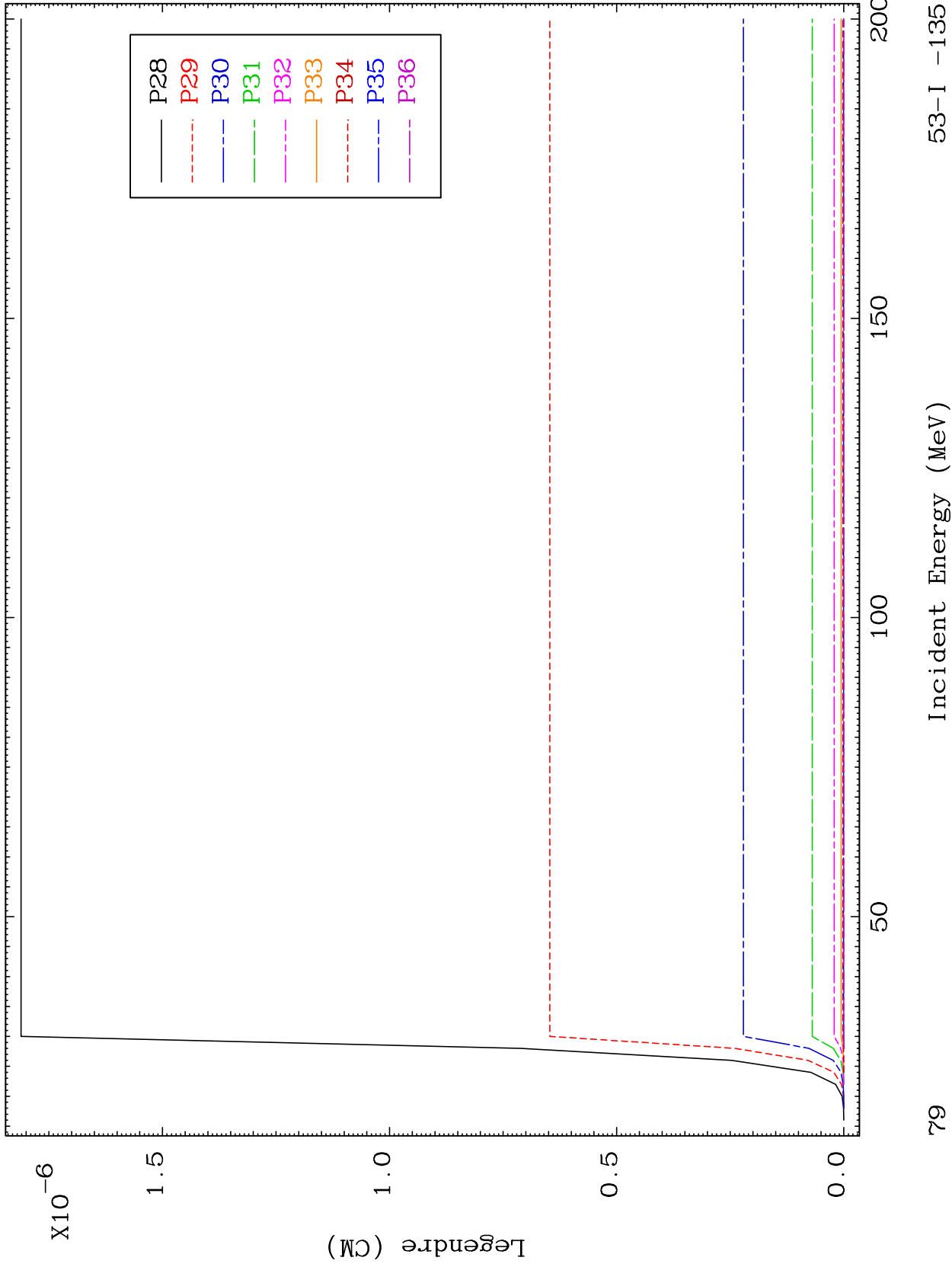
Incident Energy (MeV)

53-I -135

MAT 5349

2.350 MeV (n,n') Level
Legendre Coefficients

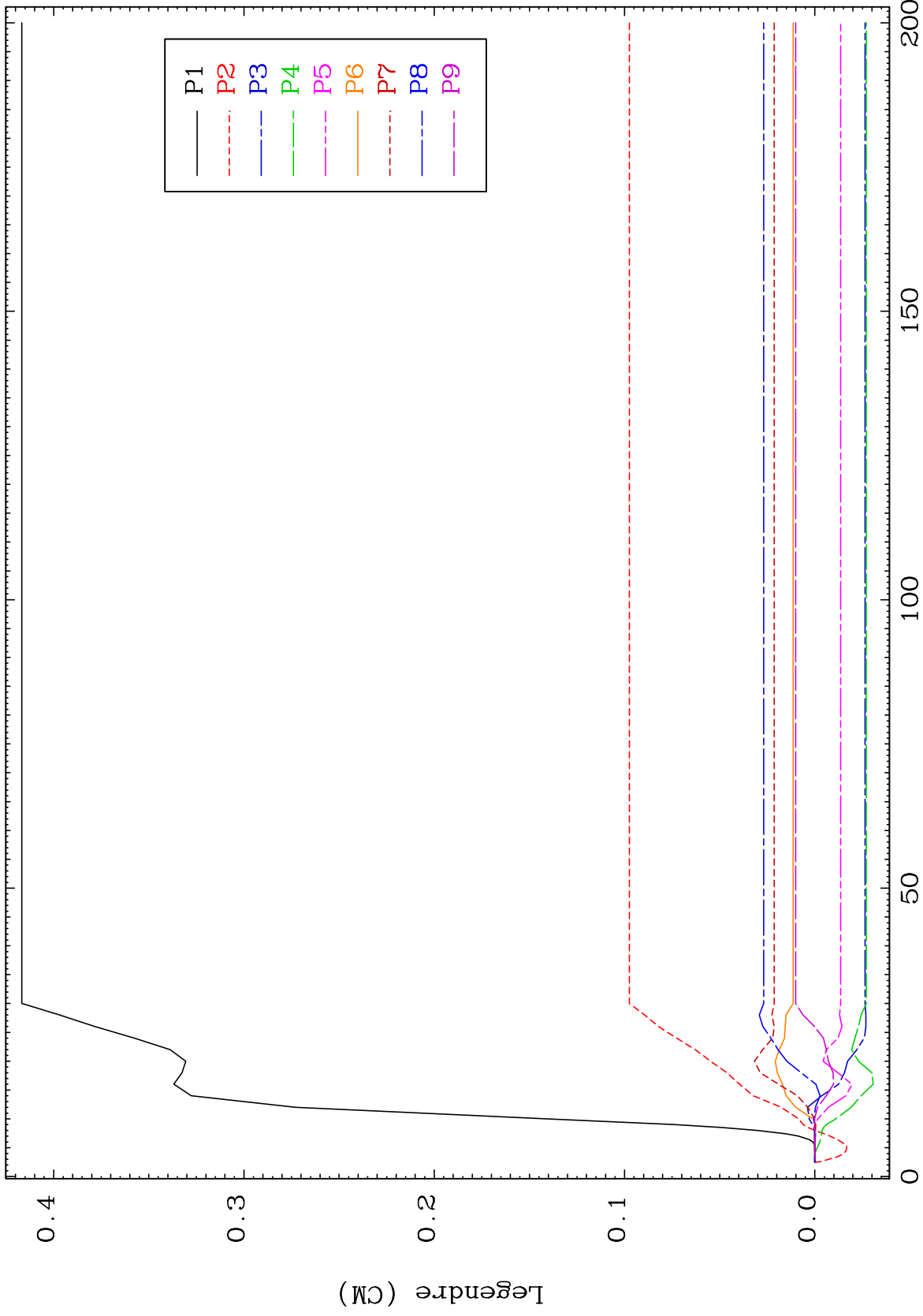
53-I -135



MAT 5349

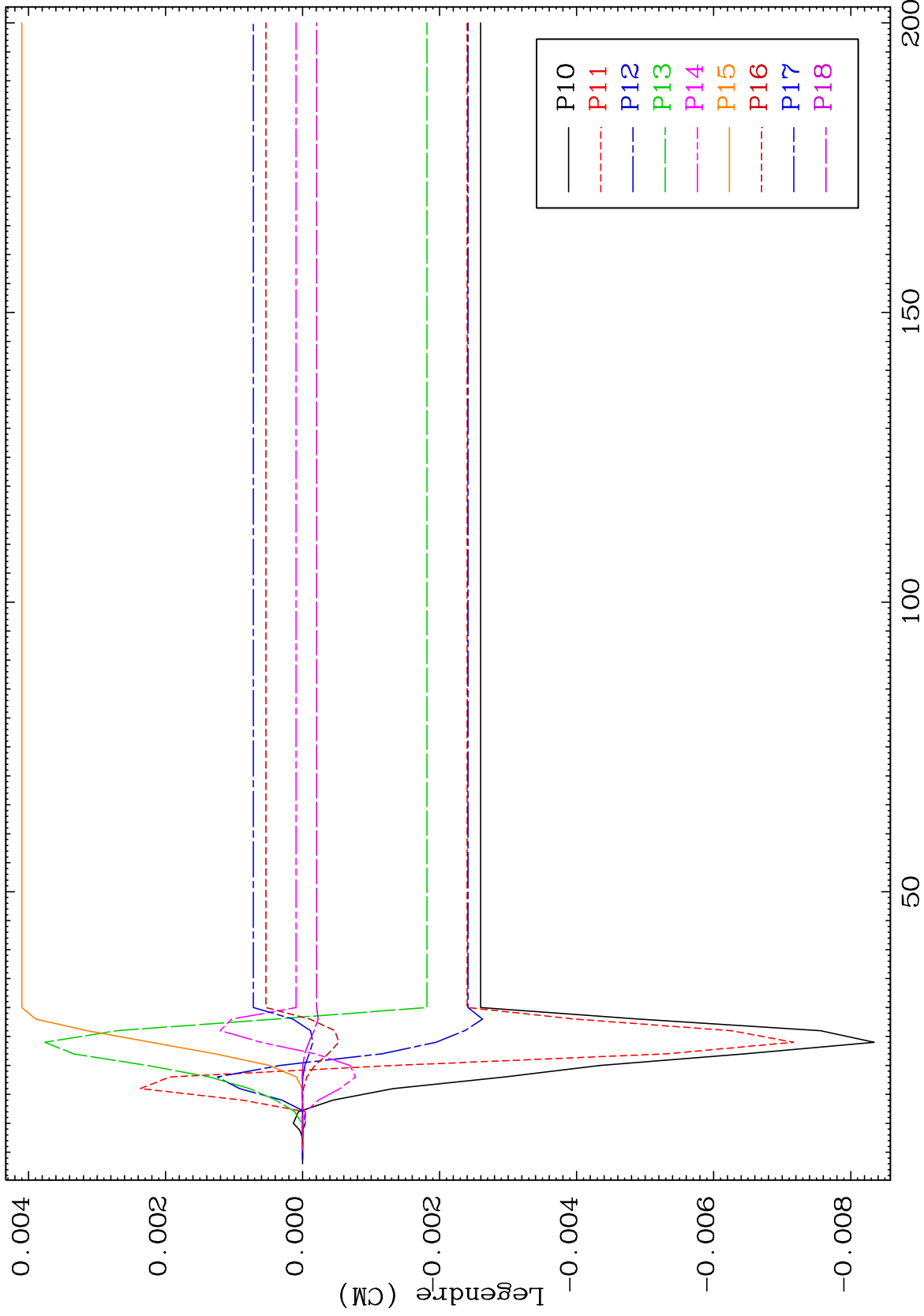
2.421 MeV (n,n') Level
Legendre Coefficients

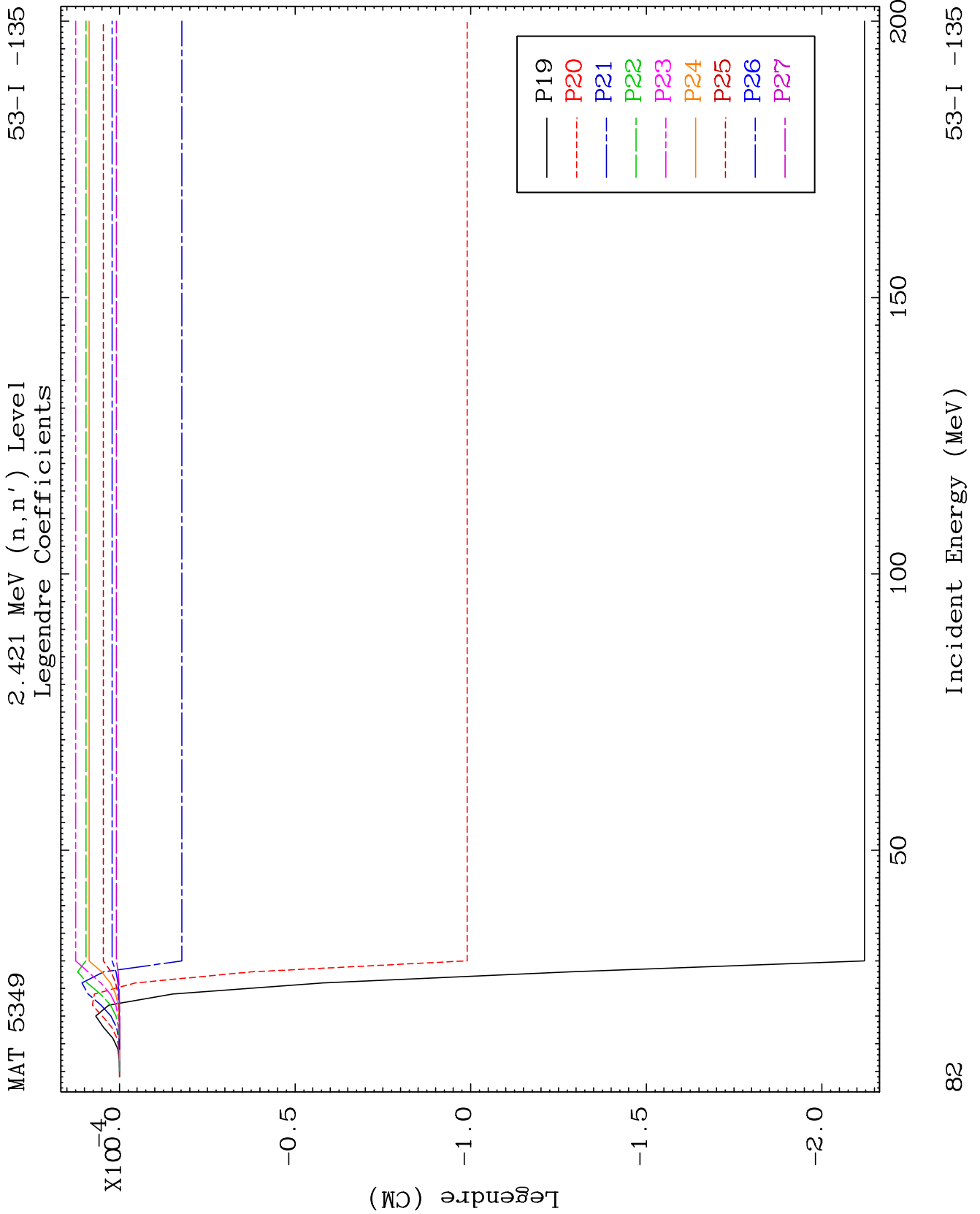
53-I -135

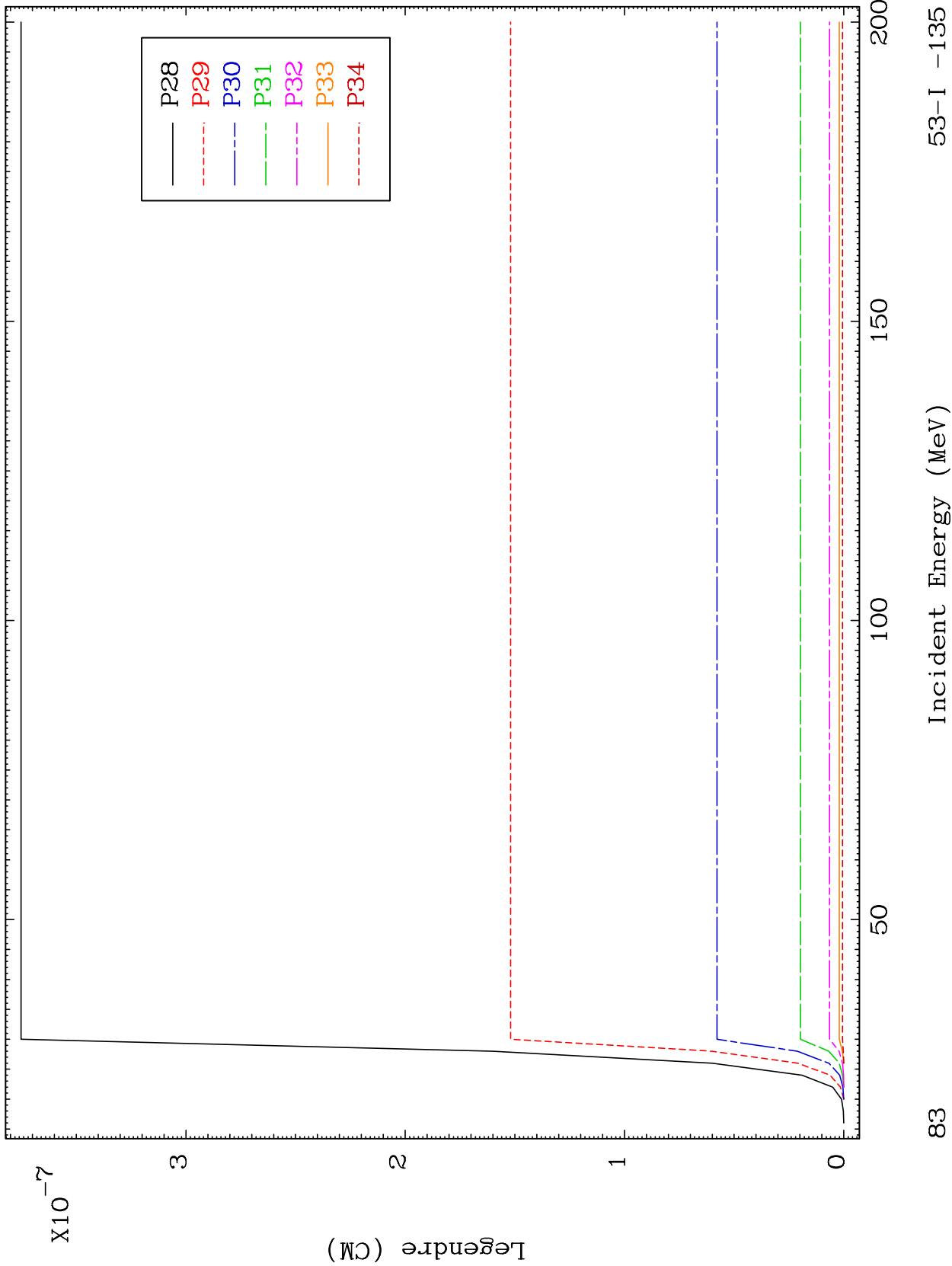


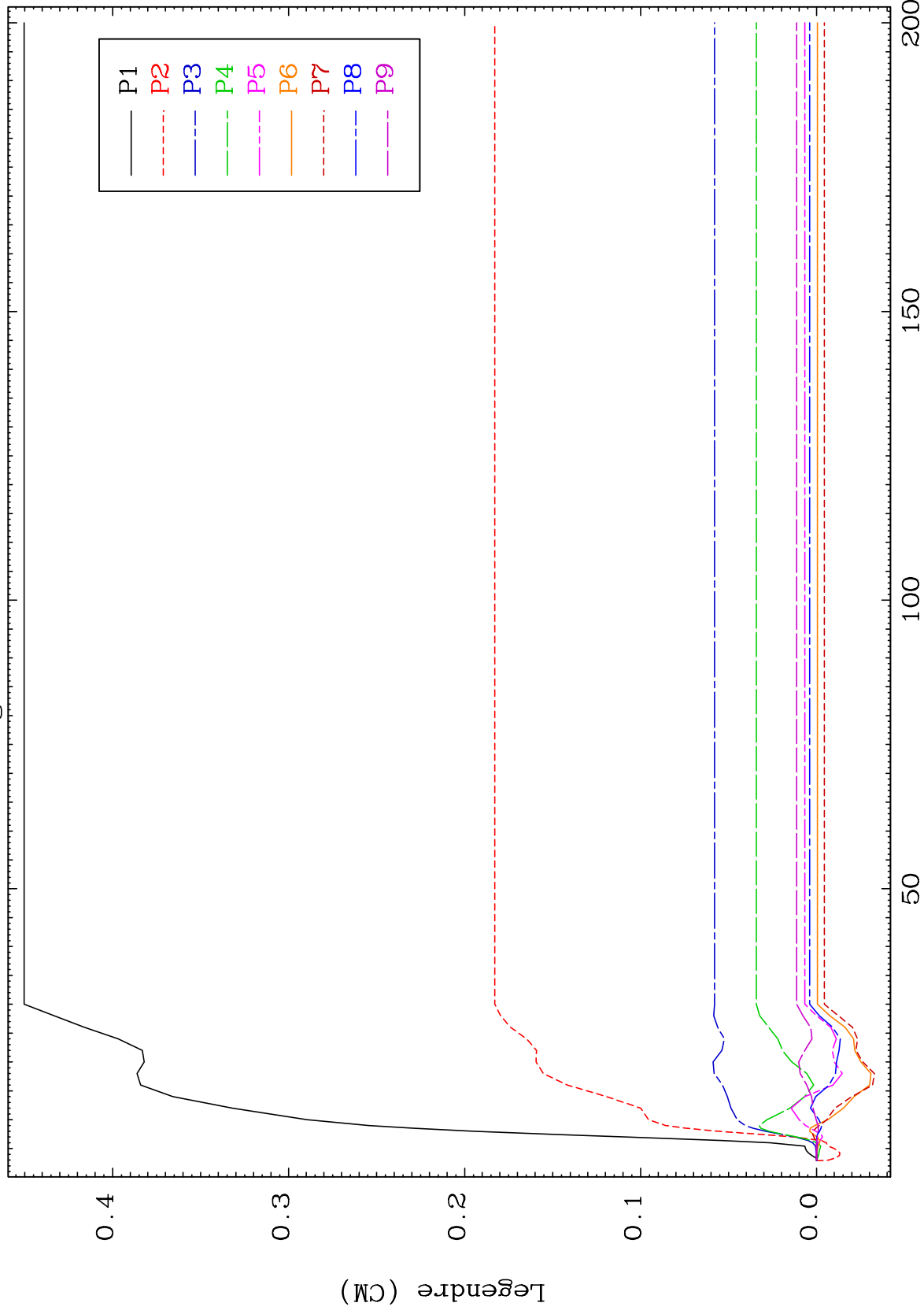
Incident Energy (MeV)

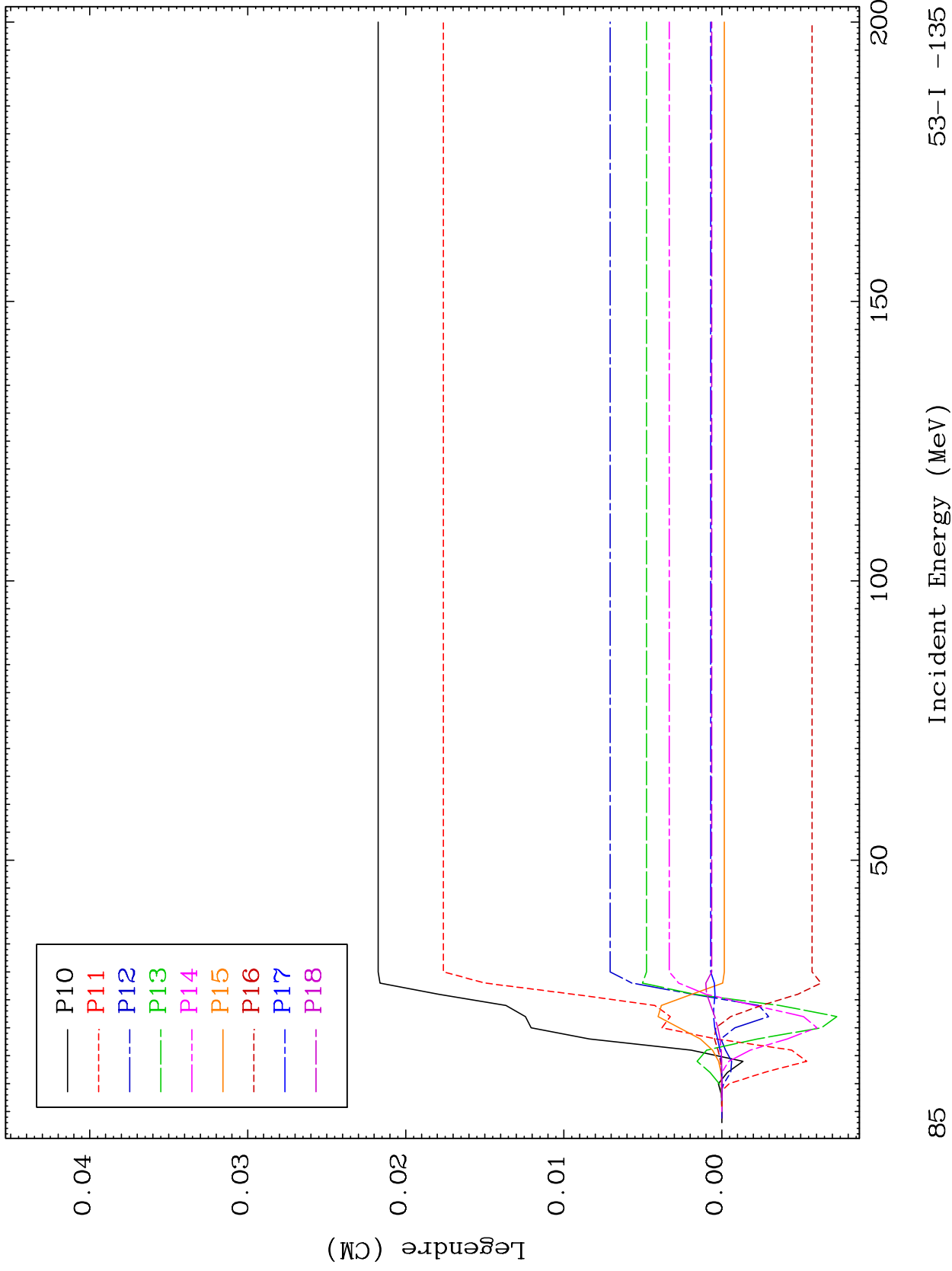
53-I -135

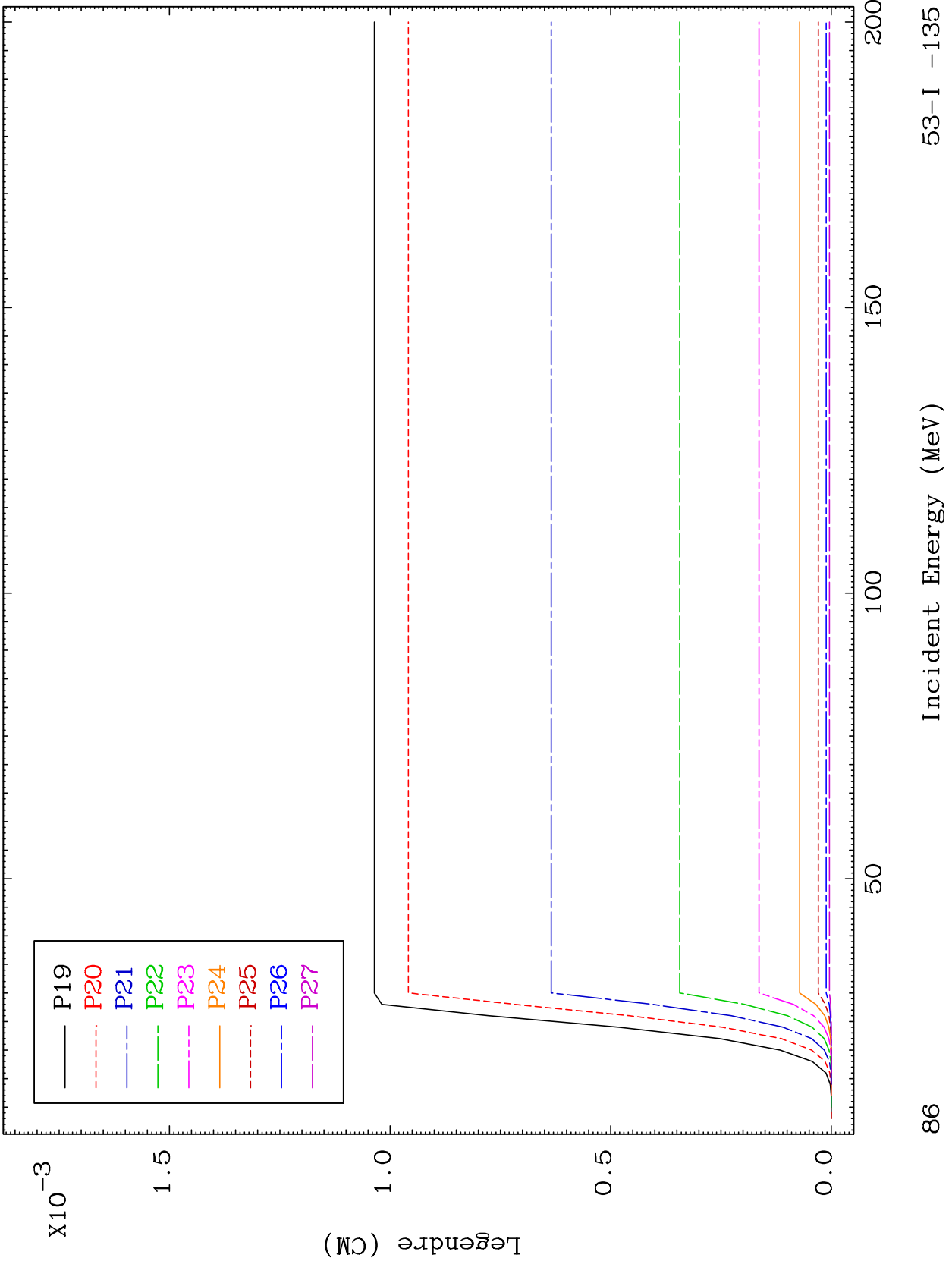








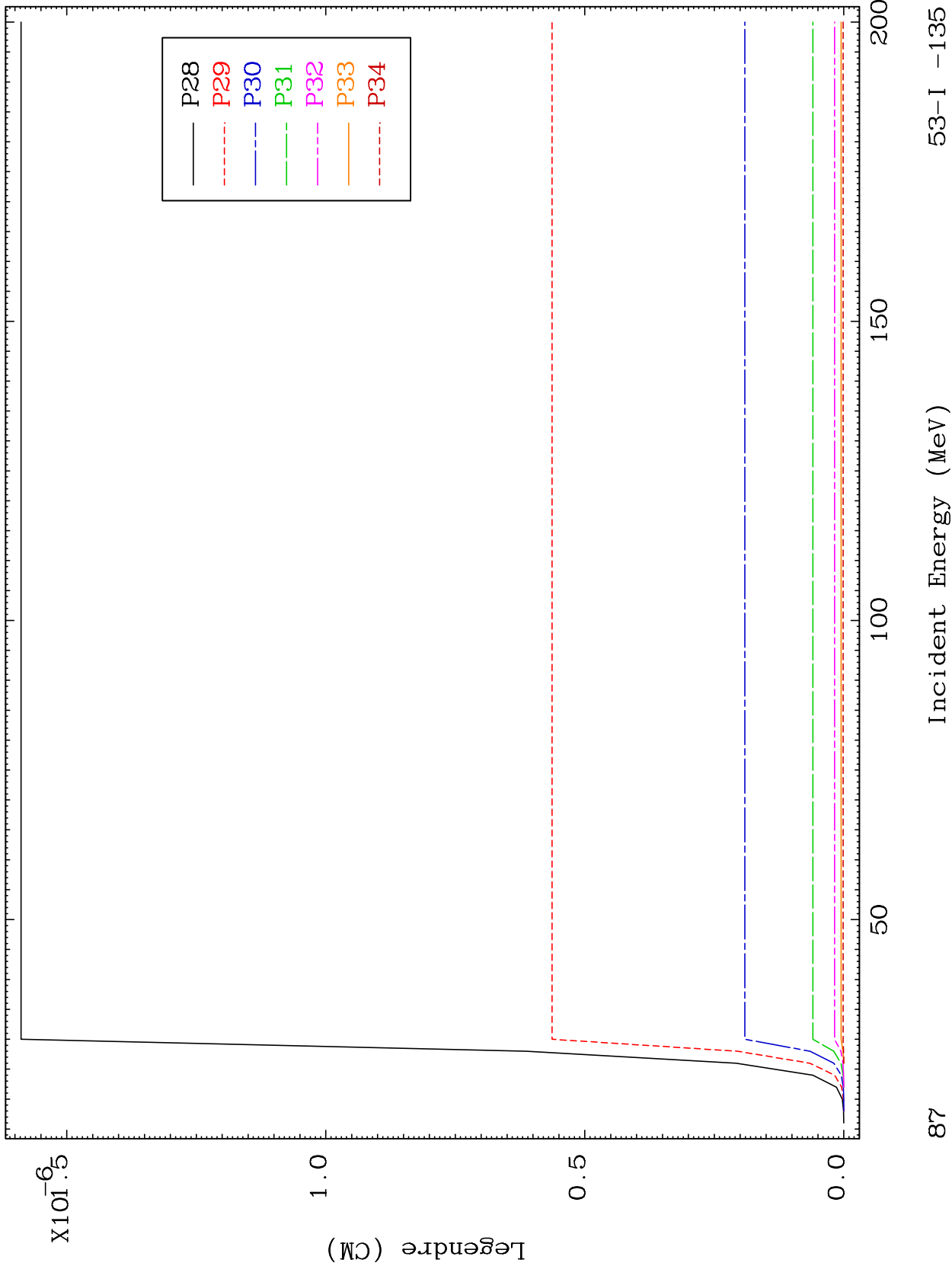


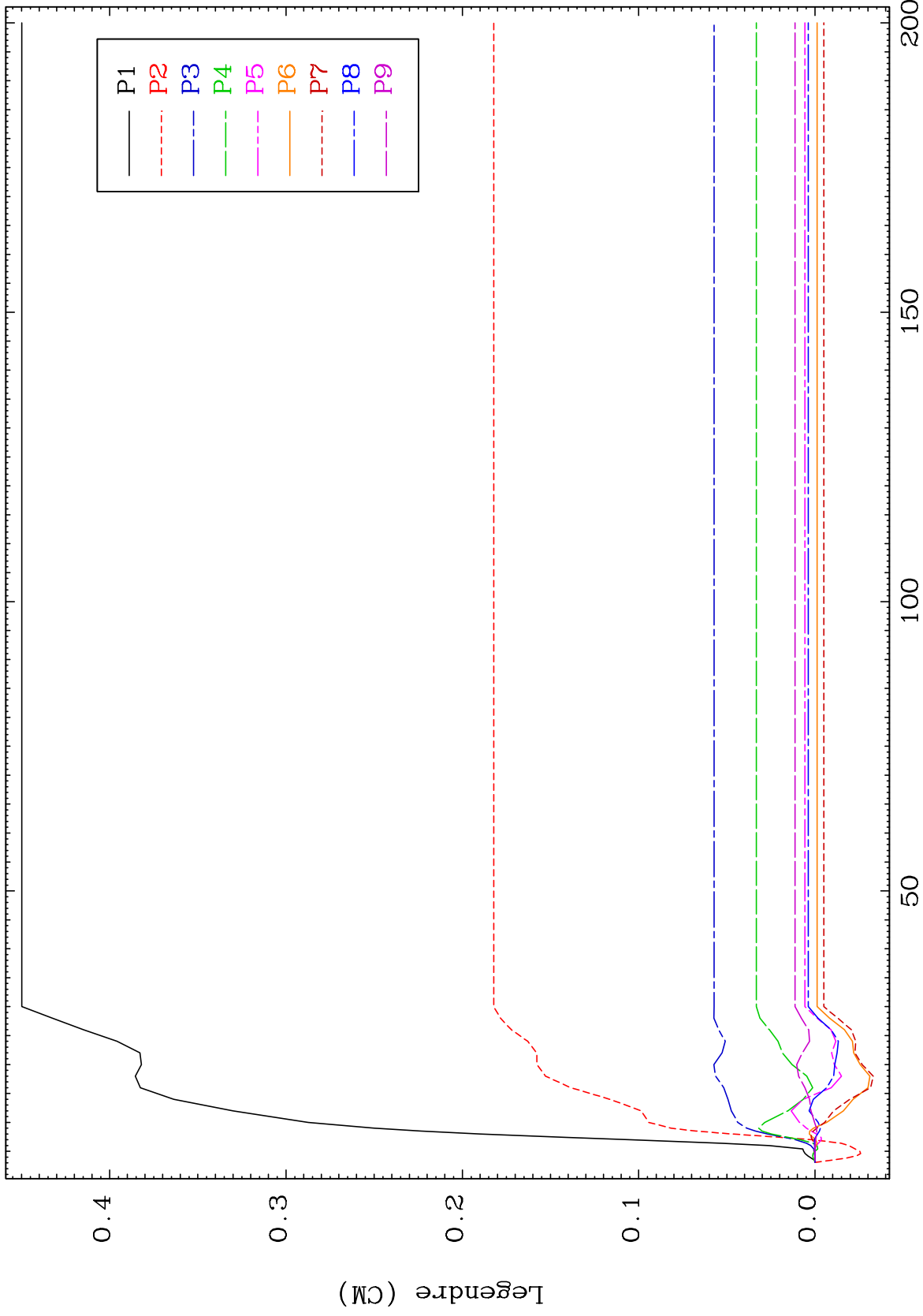


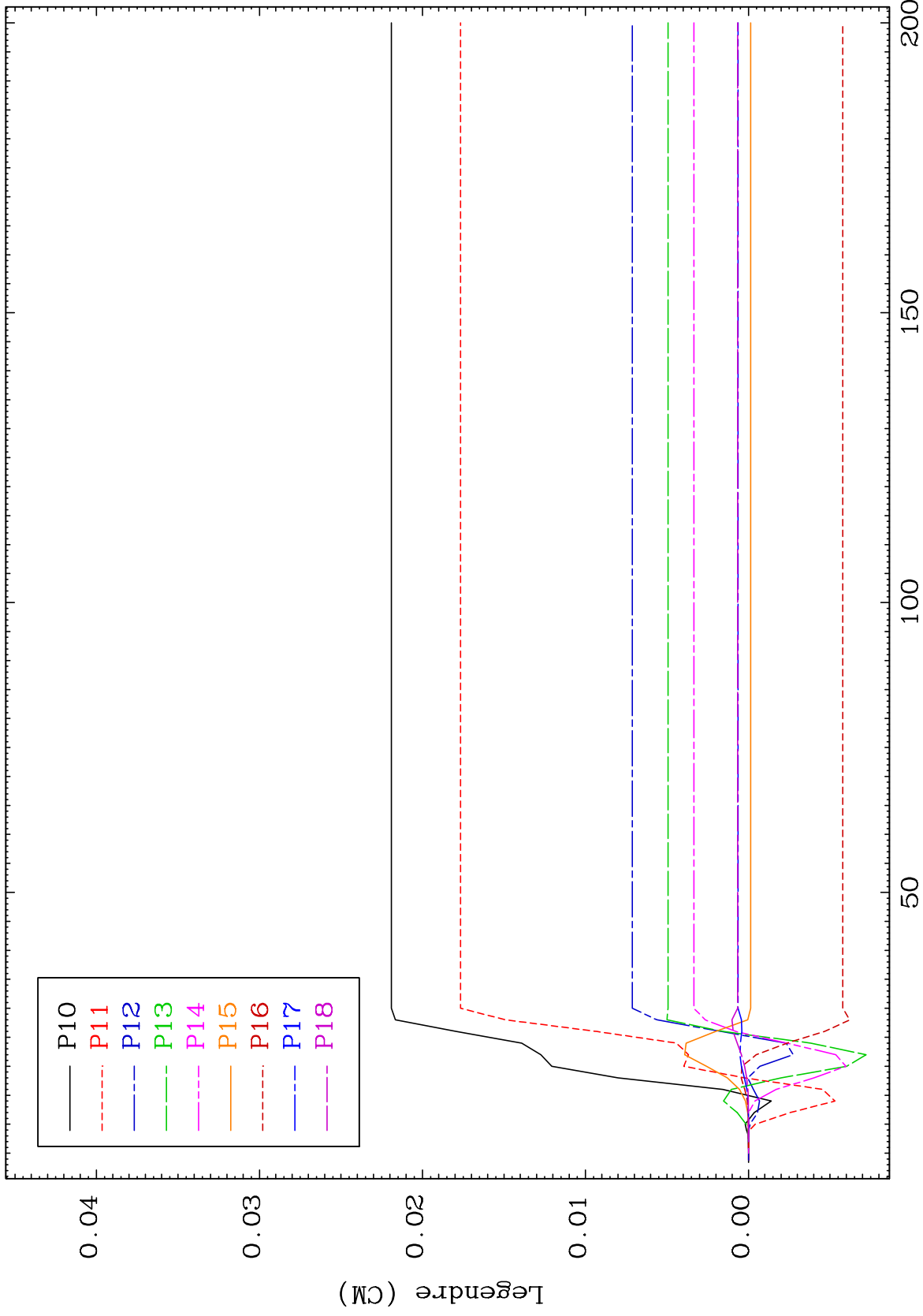
MAT 5349

2.873 MeV (n,n') Level
Legendre Coefficients

53-I -135



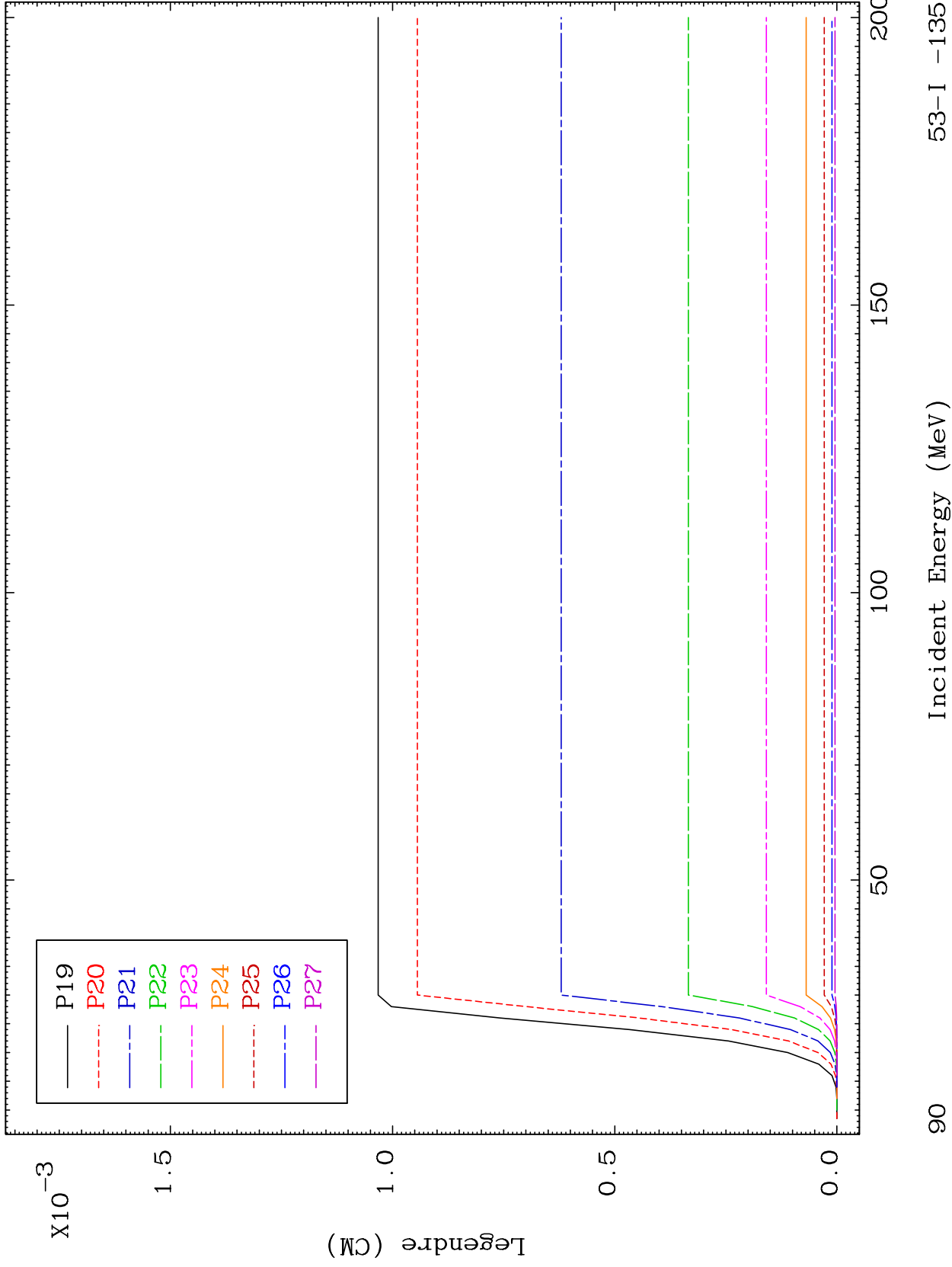




MAT 5349

3.046 MeV (n,n') Level
Legendre Coefficients

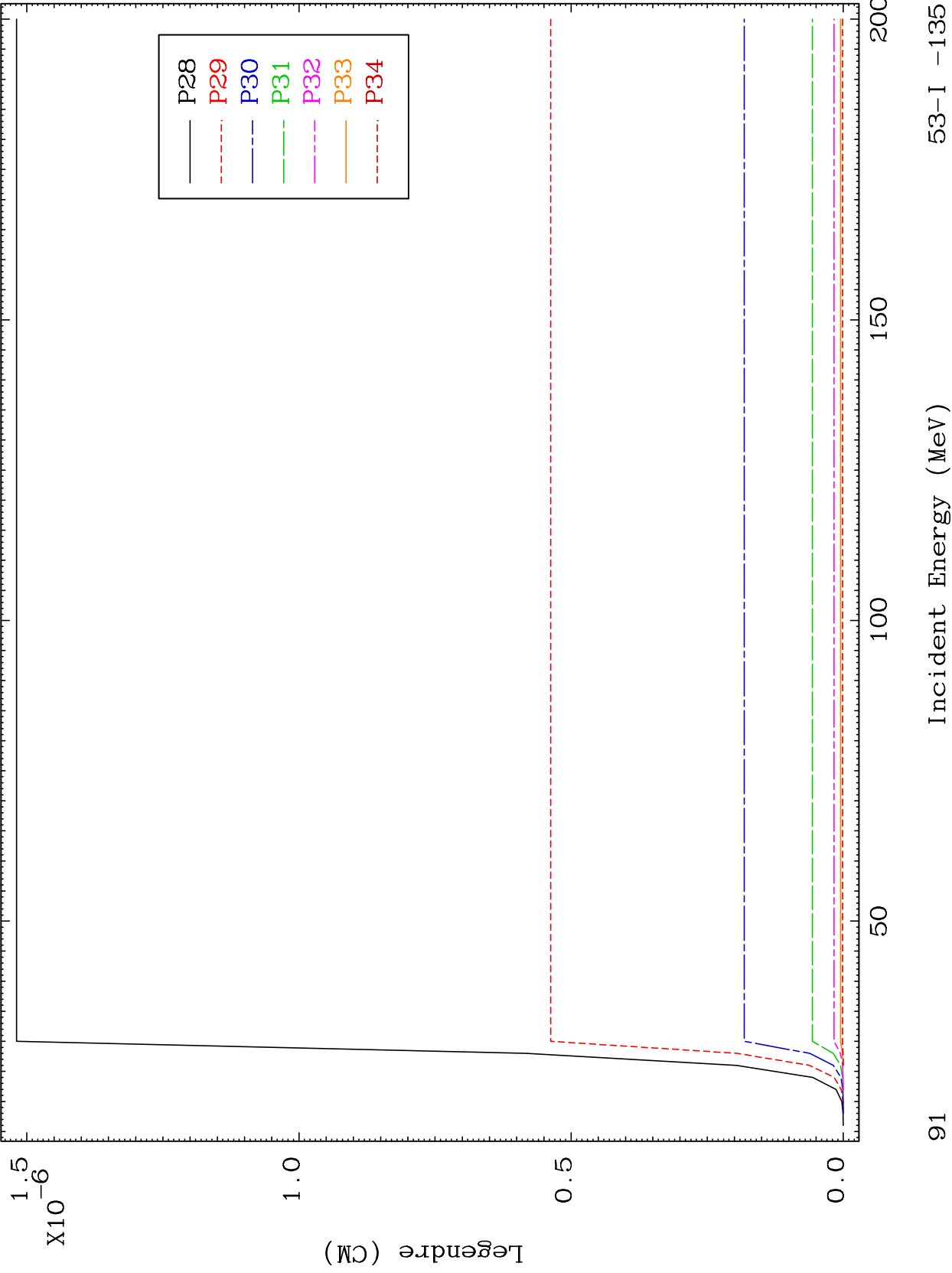
53-I -135



MAT 5349

3.046 MeV (n,n') Level
Legendre Coefficients

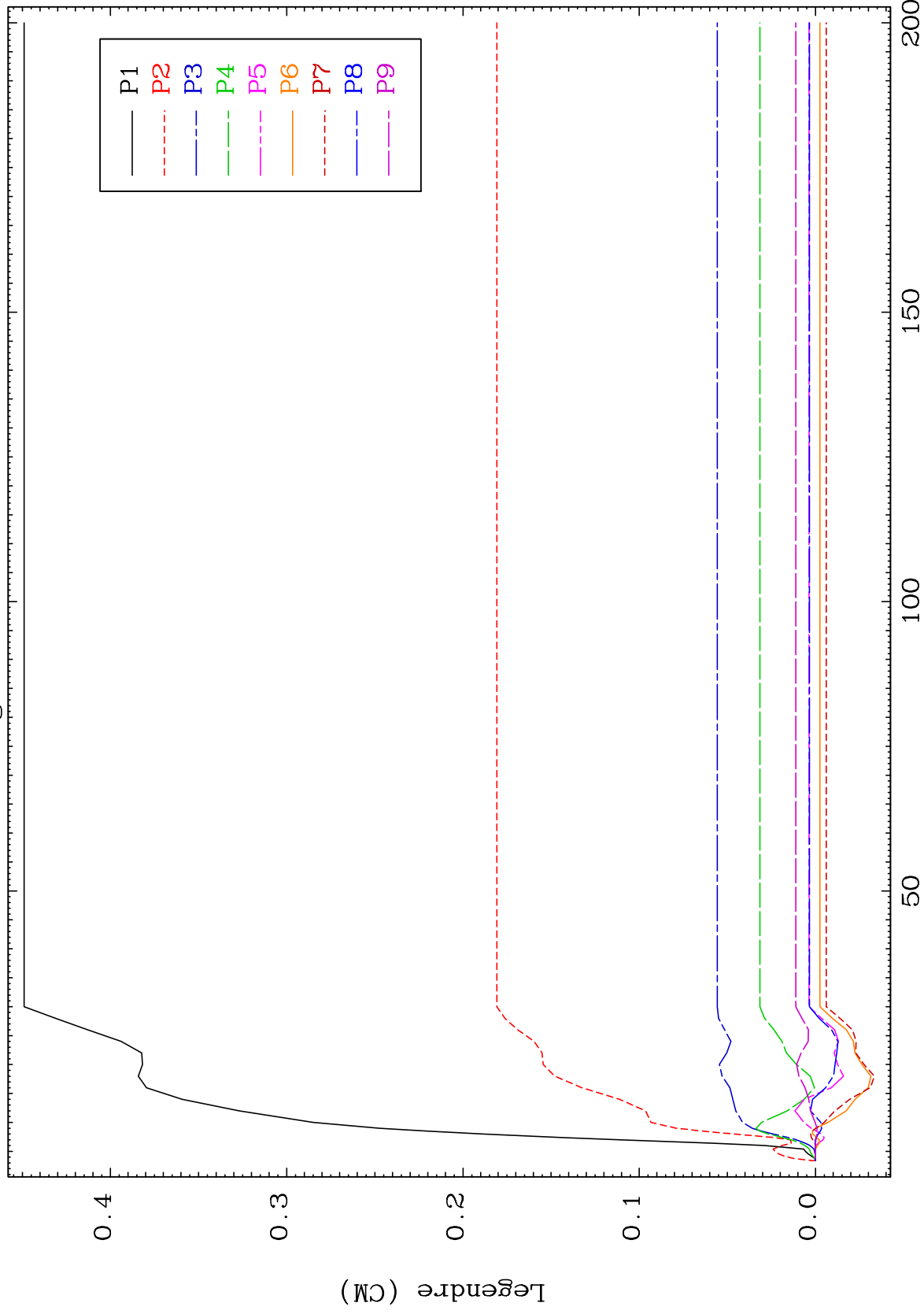
53-I -135

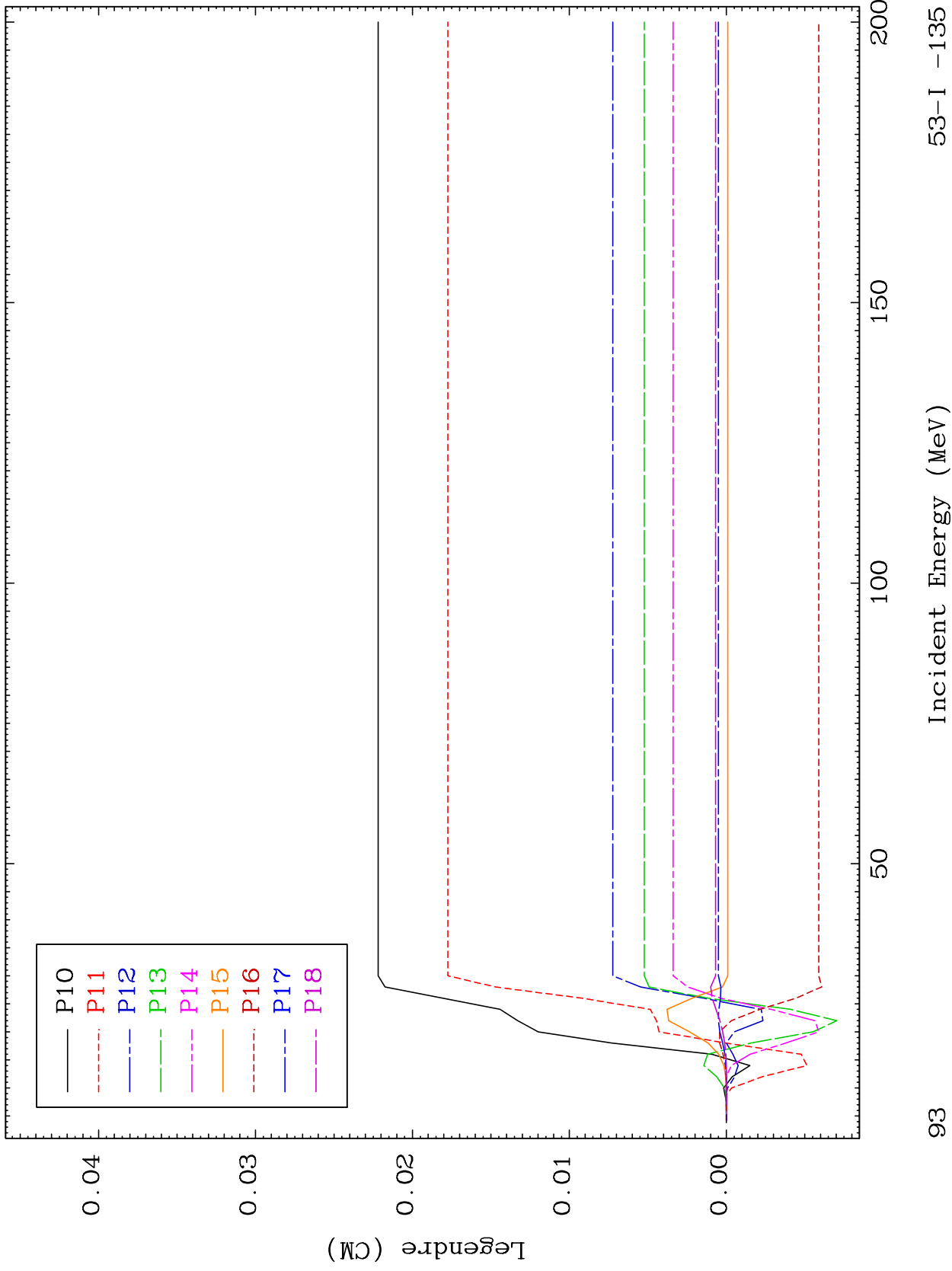


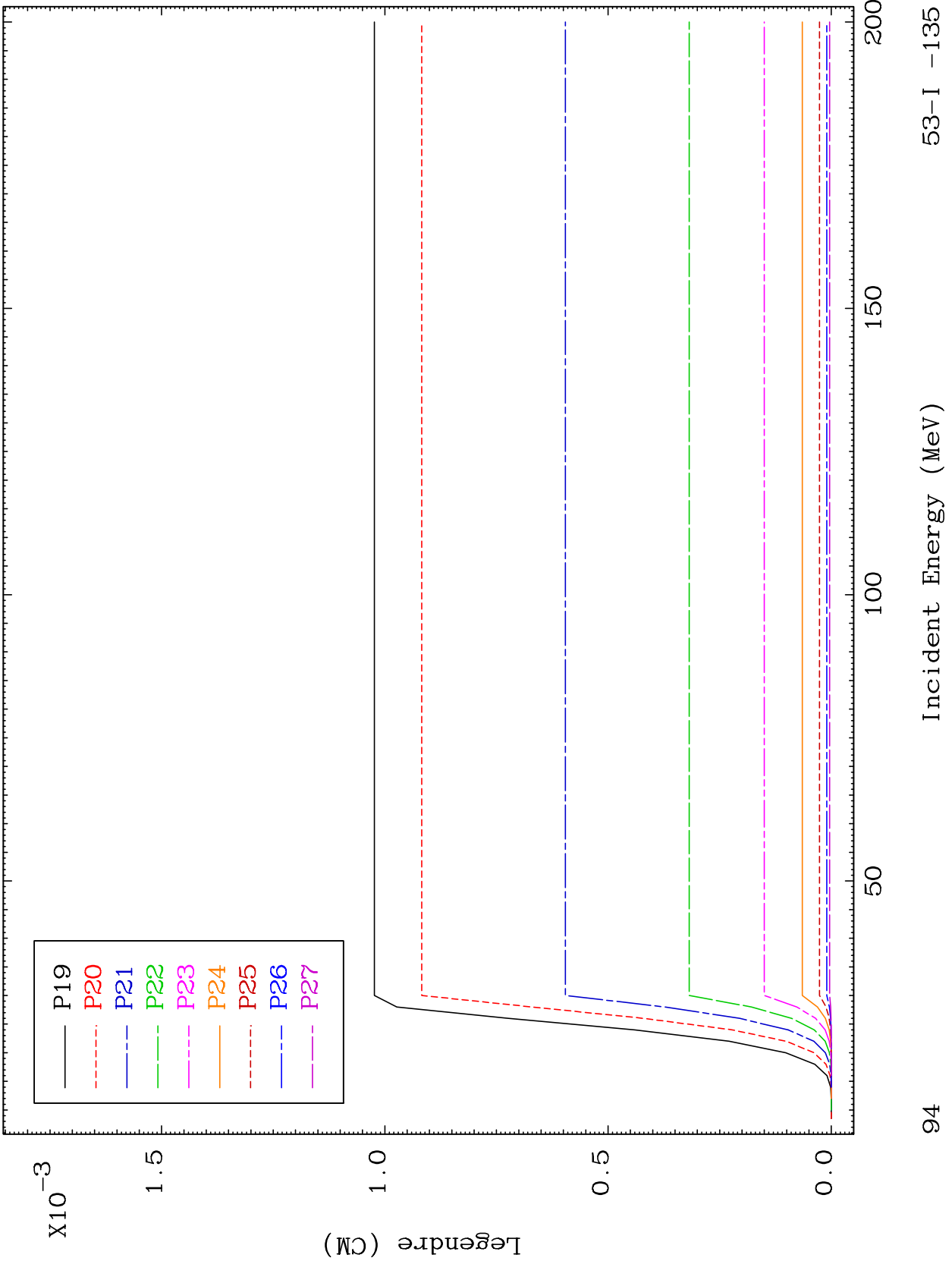
91

Incident Energy (MeV)

53-I -135



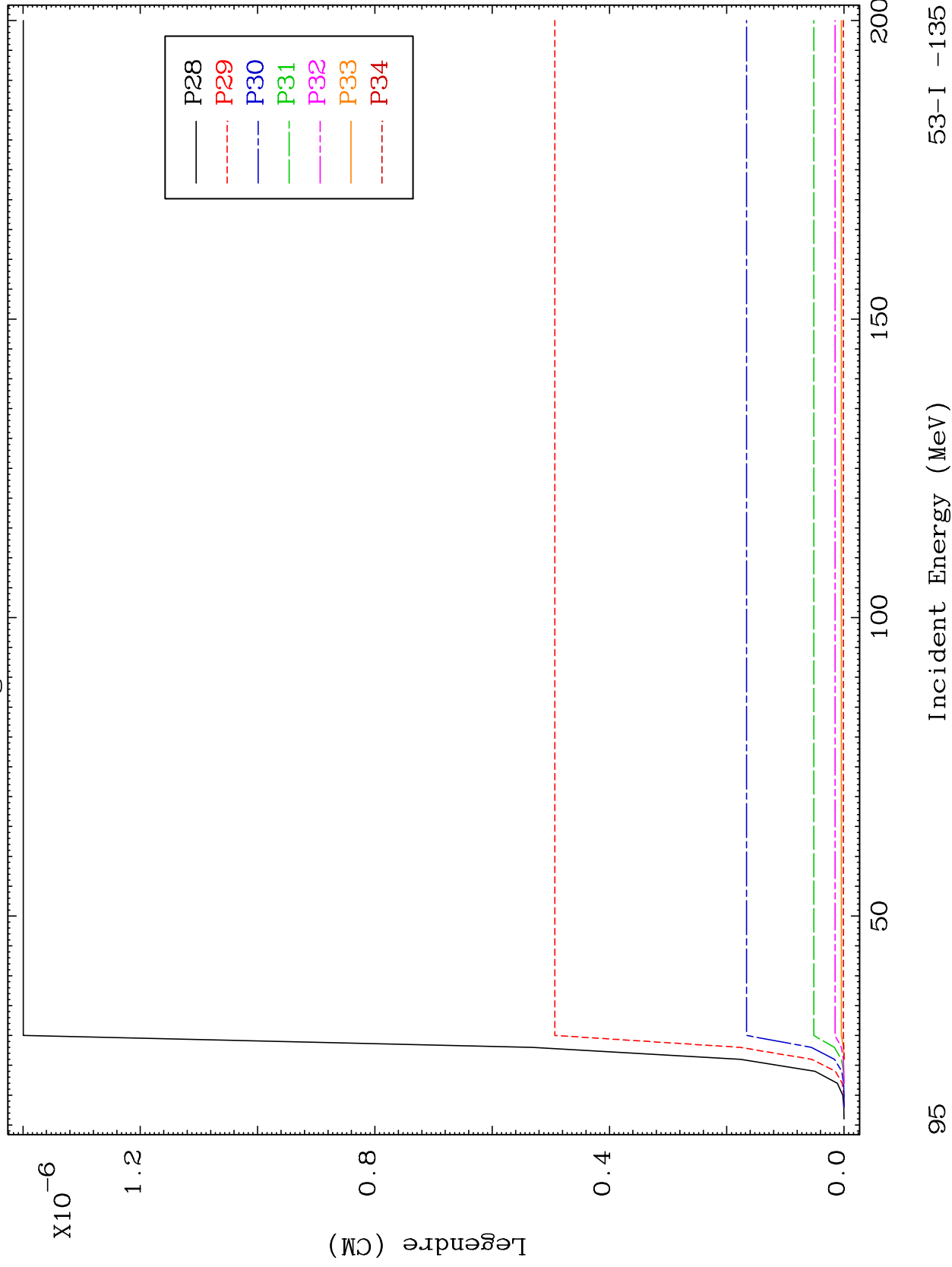




MAT 5349

3.357 MeV (n,n') Level
Legendre Coefficients

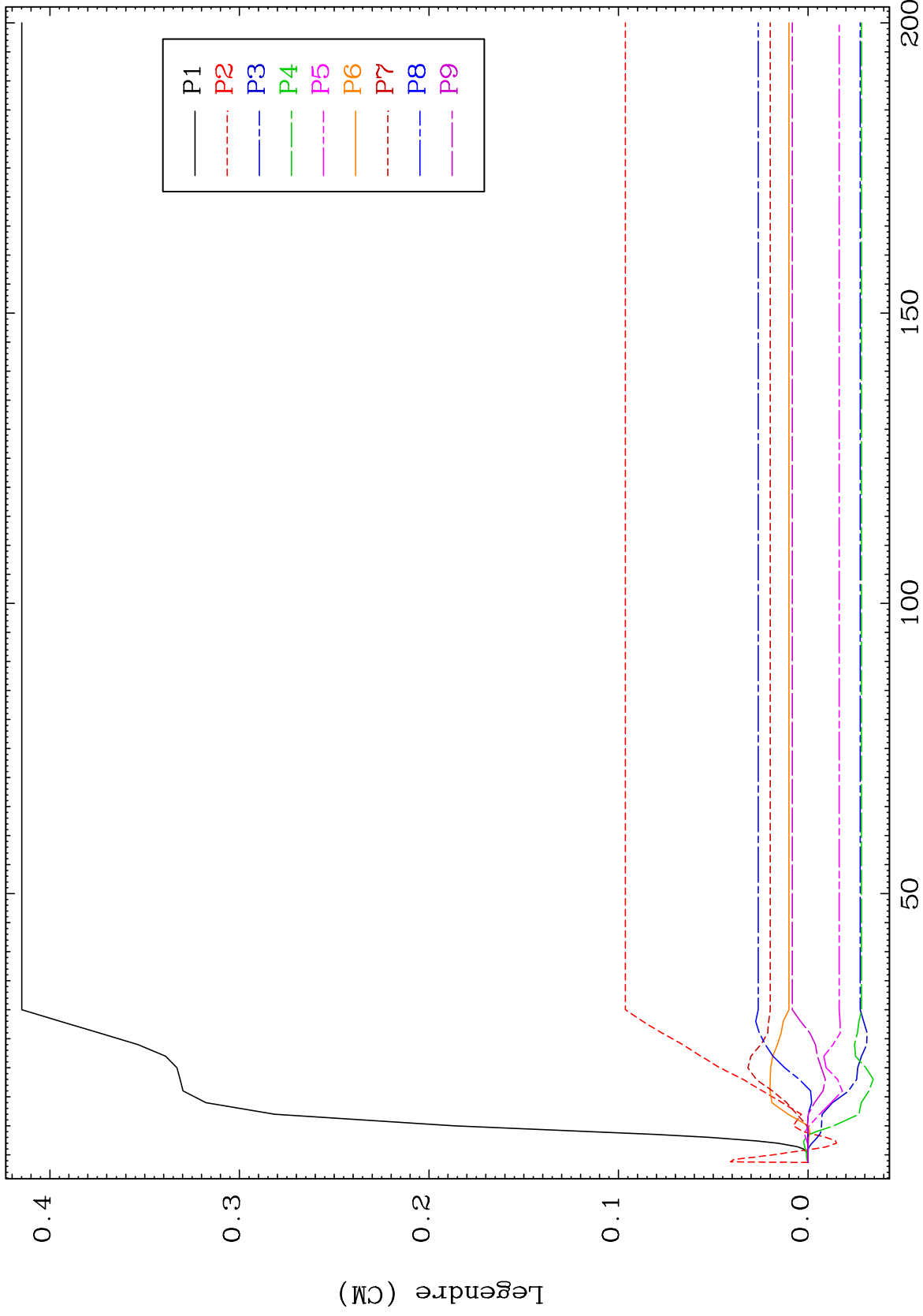
53-I -135

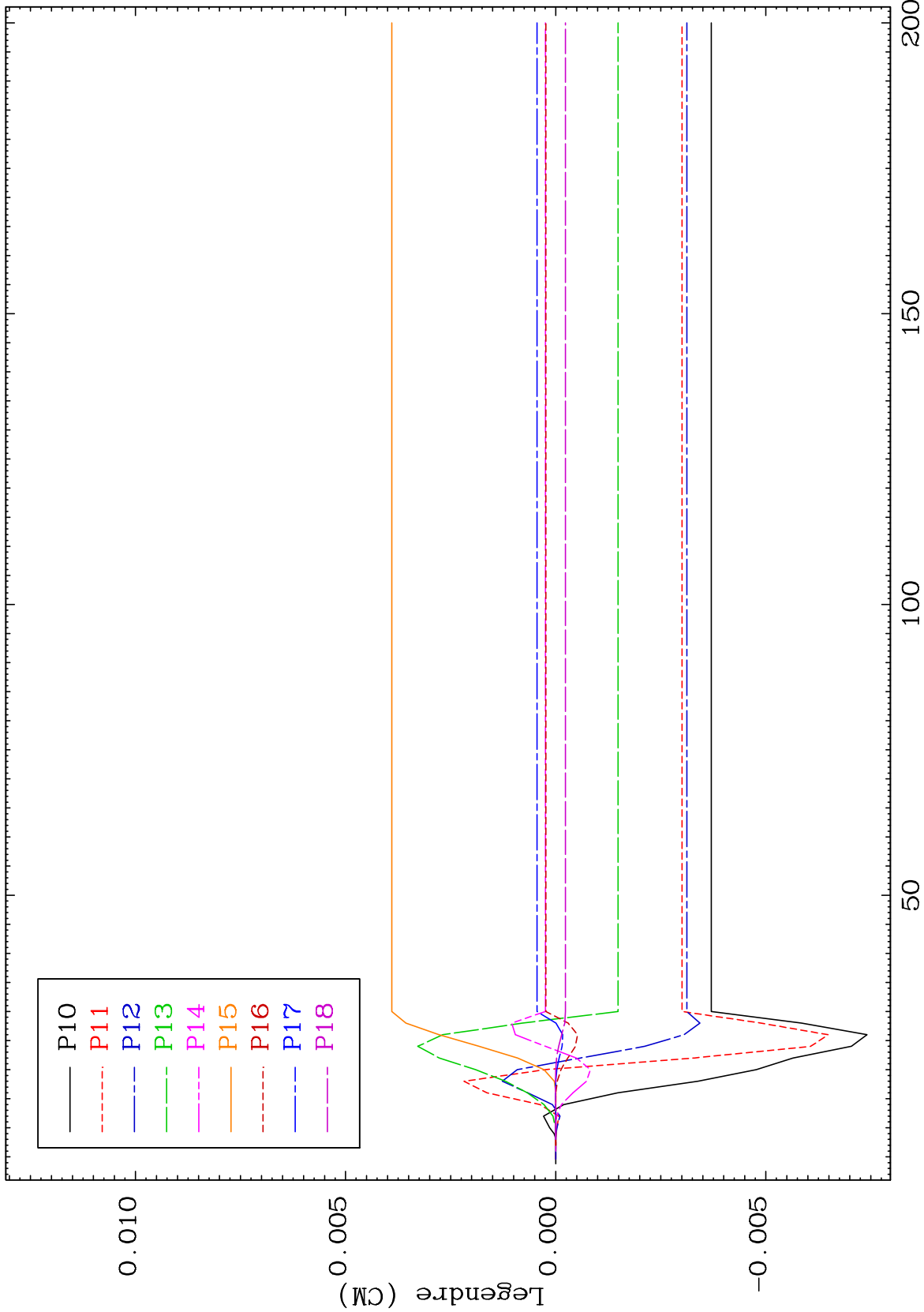


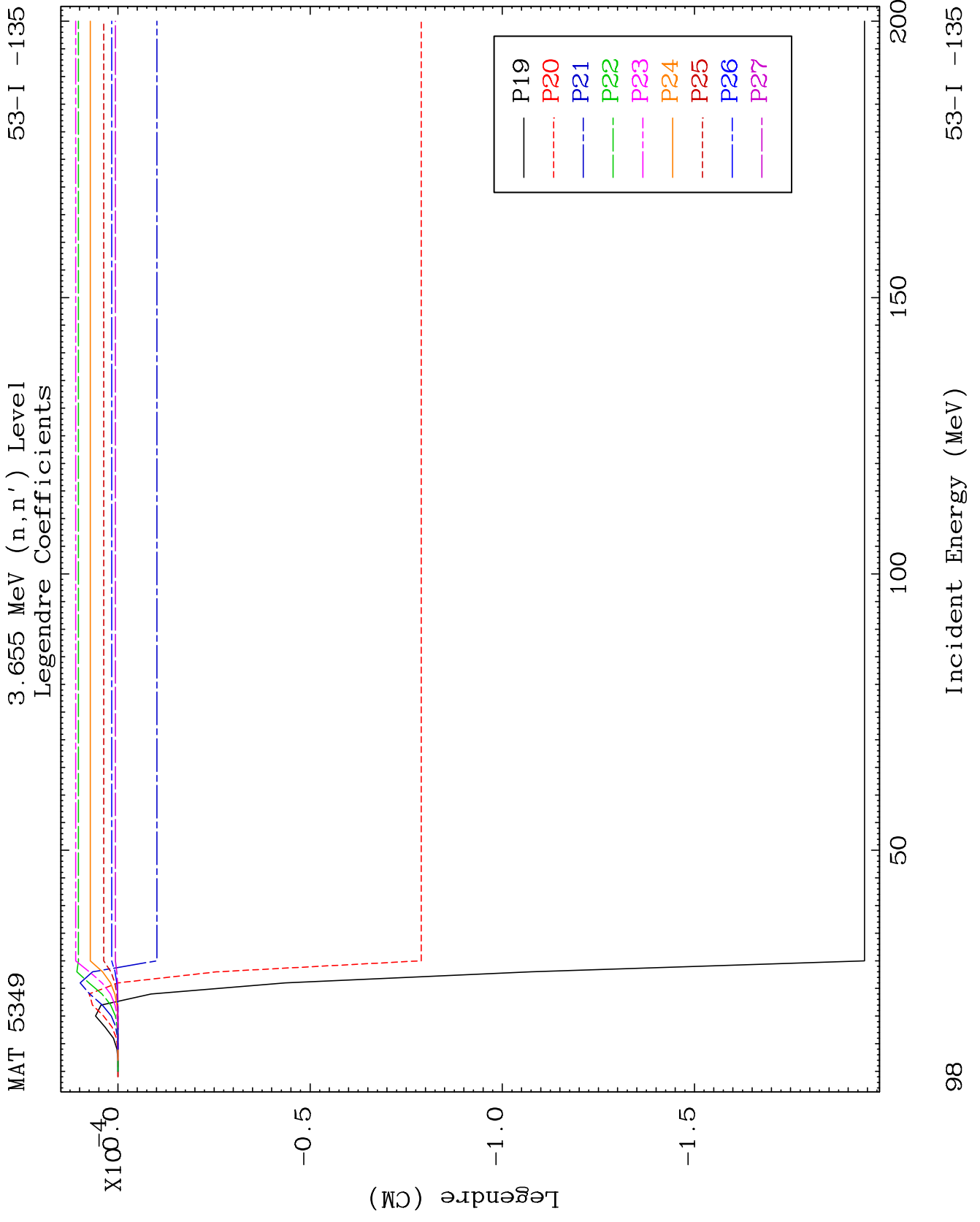
95

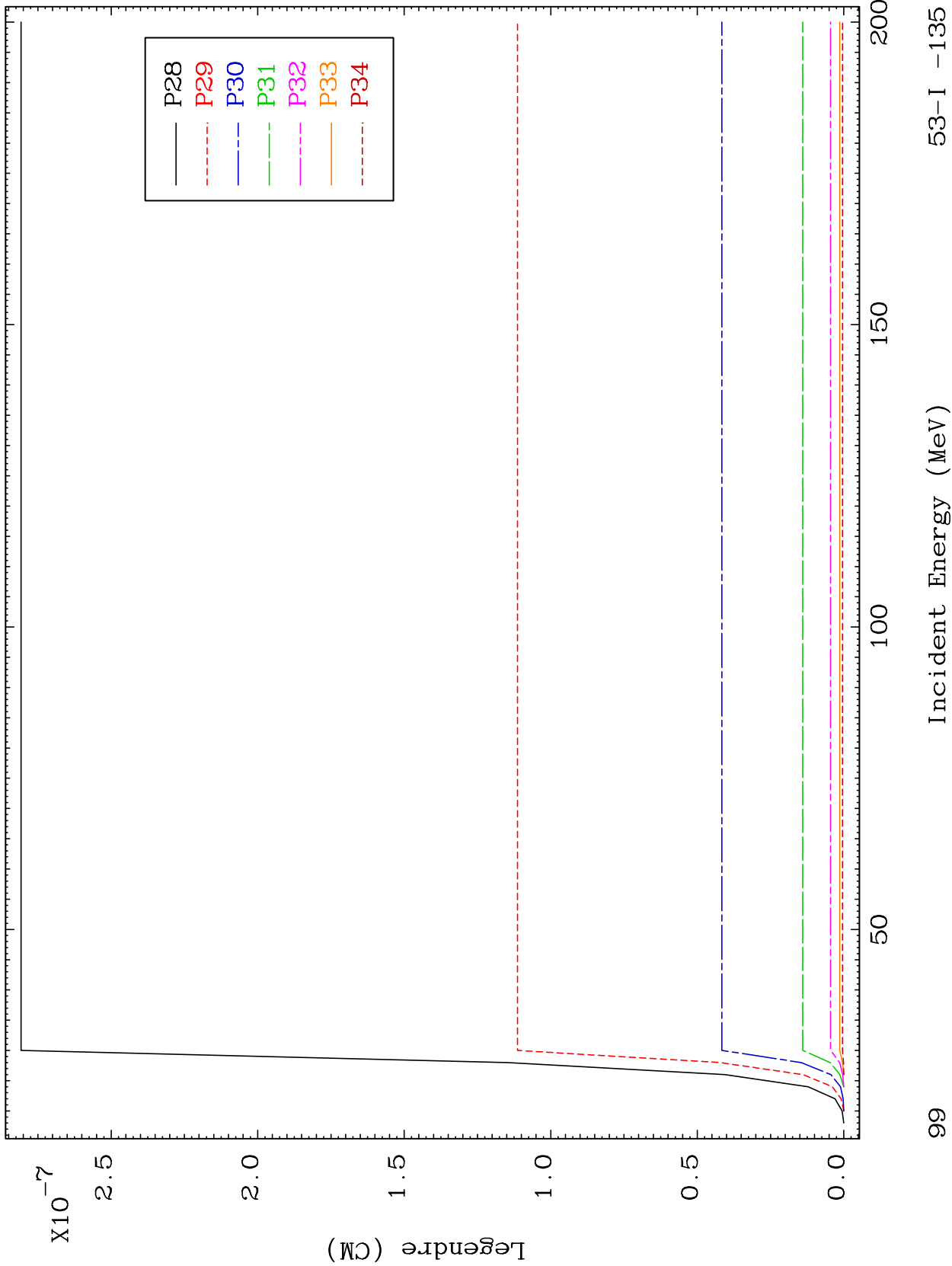
Incident Energy (MeV)

53-I -135





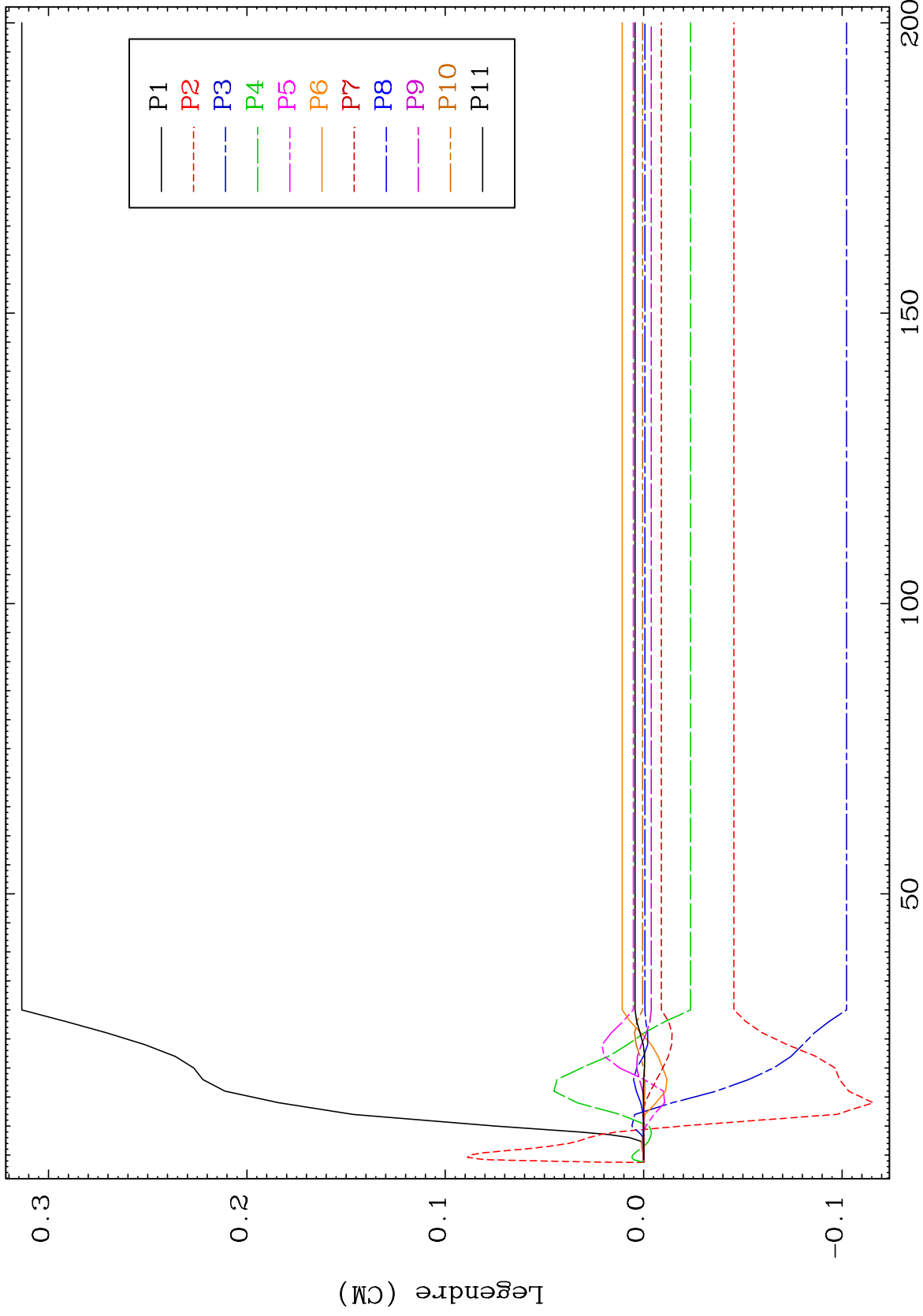




MAT 5349

3.690 MeV (n,n') Level
Legendre Coefficients

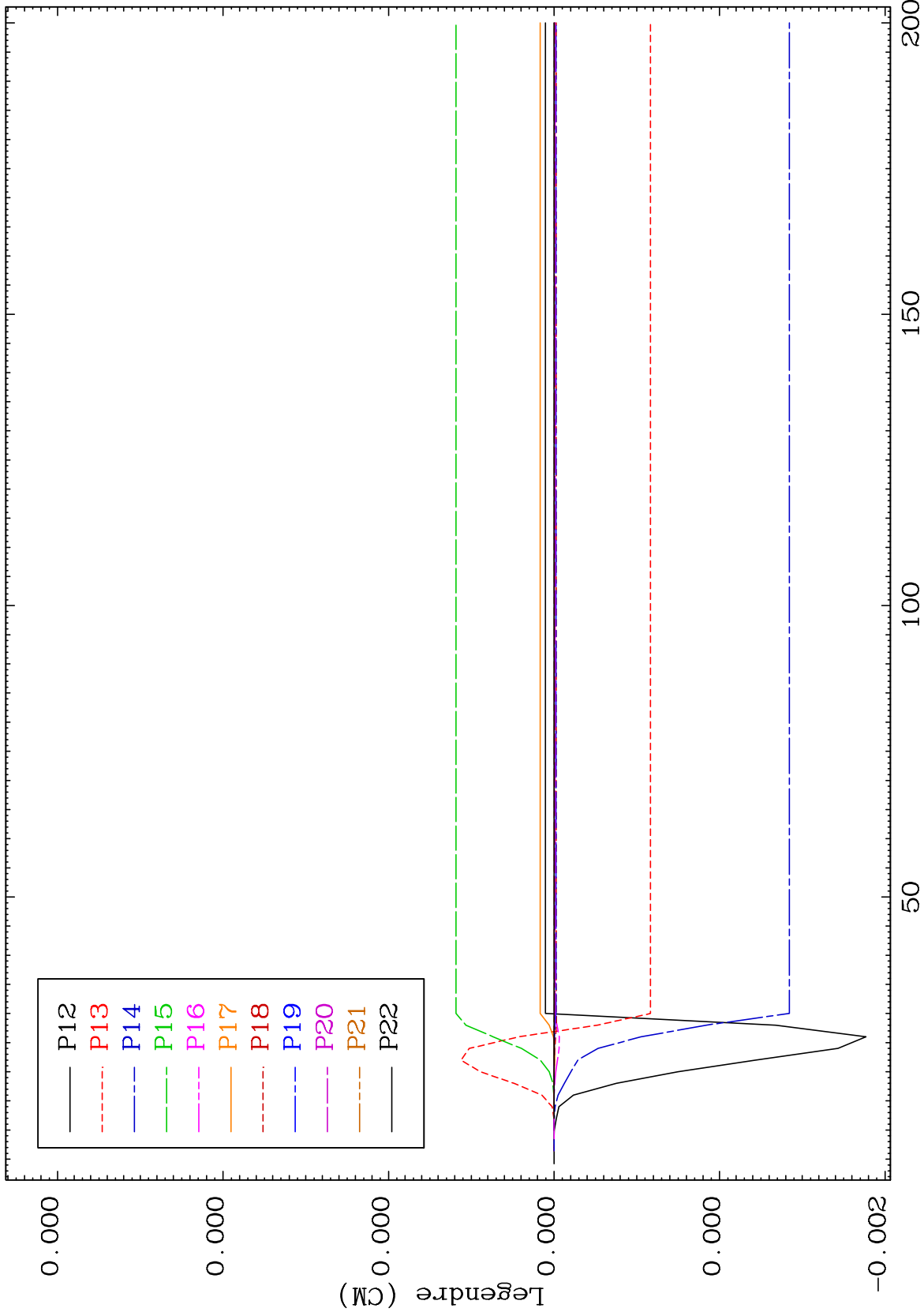
53-I -135

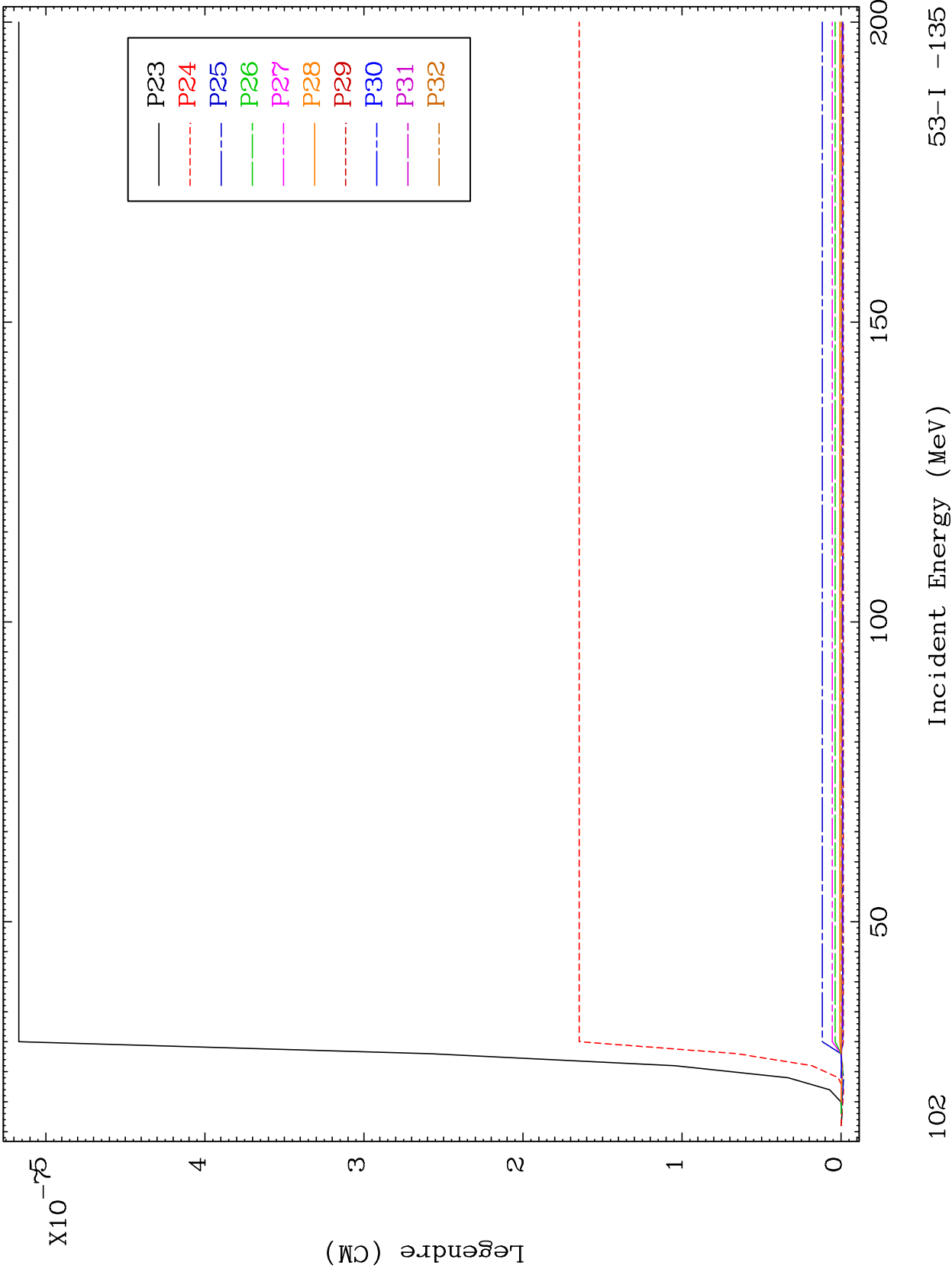


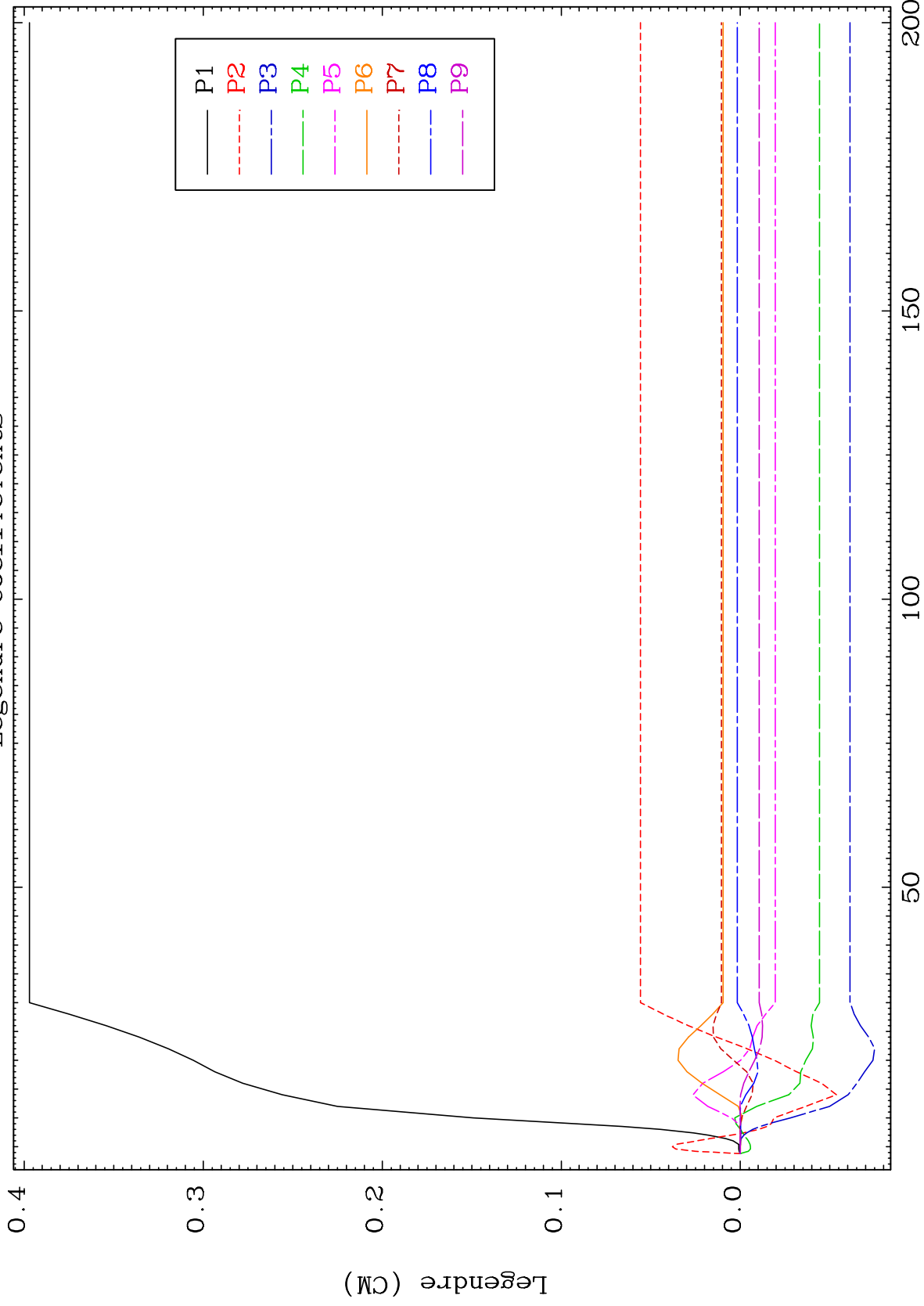
100

Incident Energy (MeV)

53-I -135



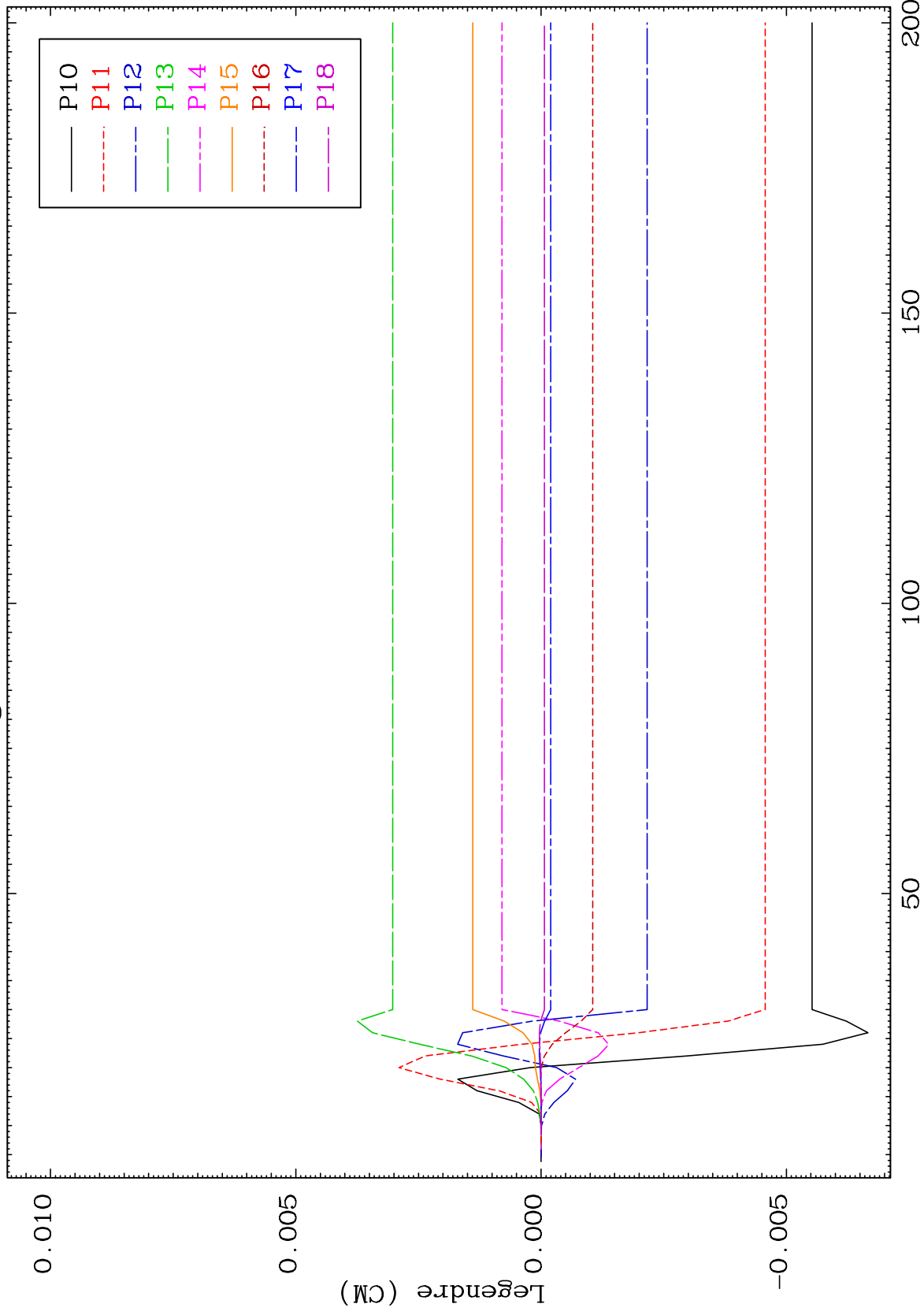




MAT 5349

3.766 MeV (n,n') Level
Legendre Coefficients

53-I -135



104

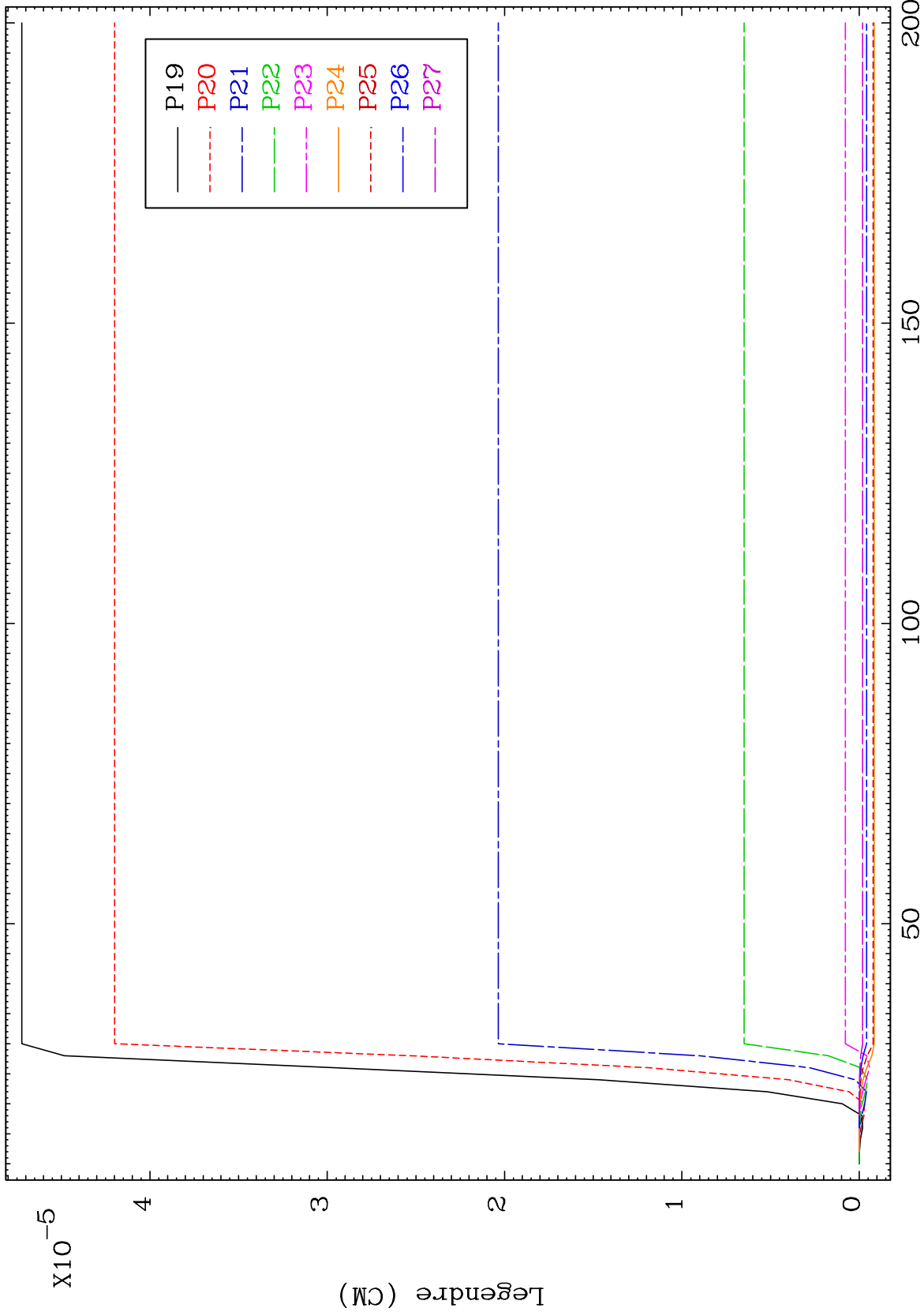
Incident Energy (MeV)

53-I -135

MAT 5349

3.766 MeV (n,n') Level
Legendre Coefficients

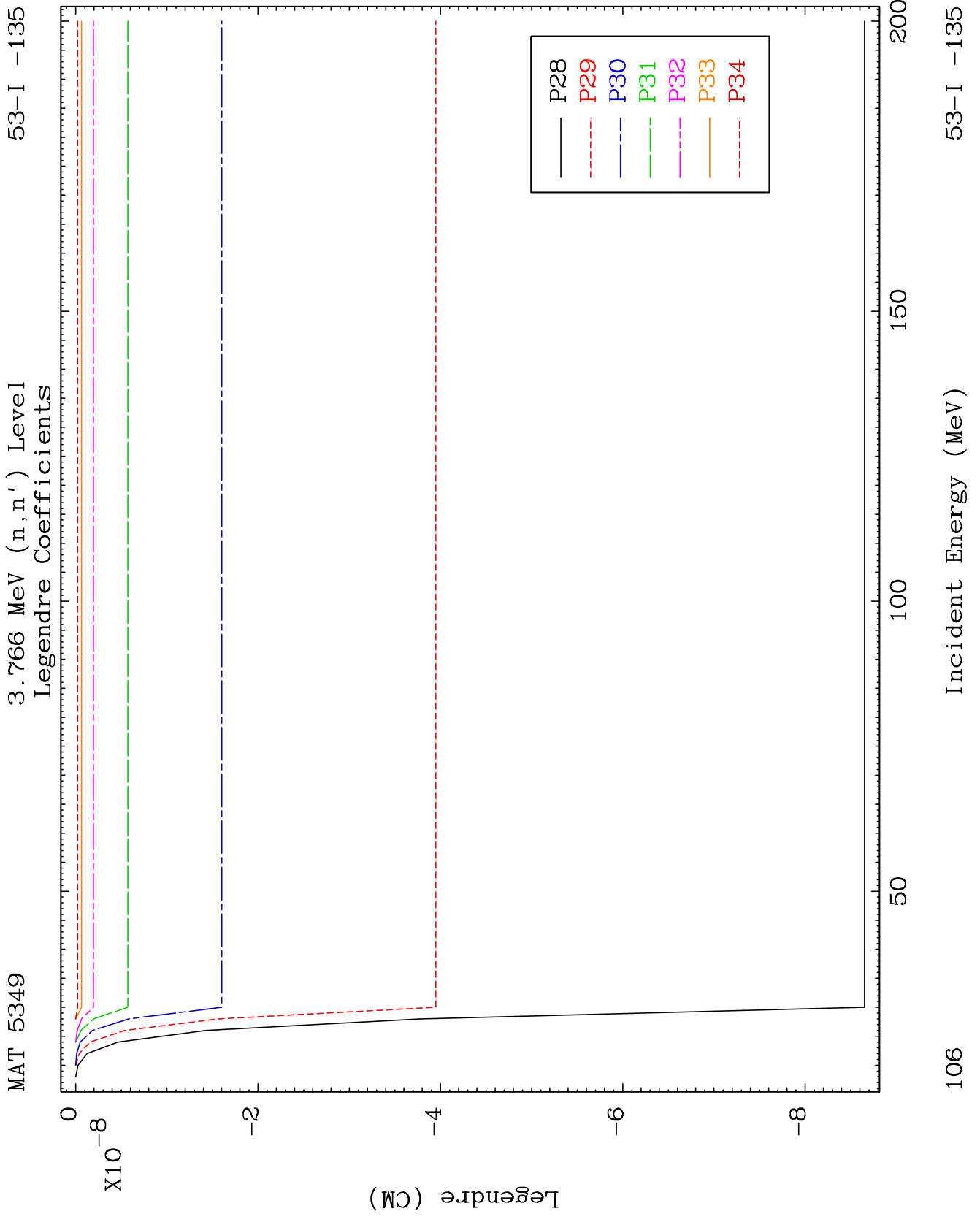
53-I -135

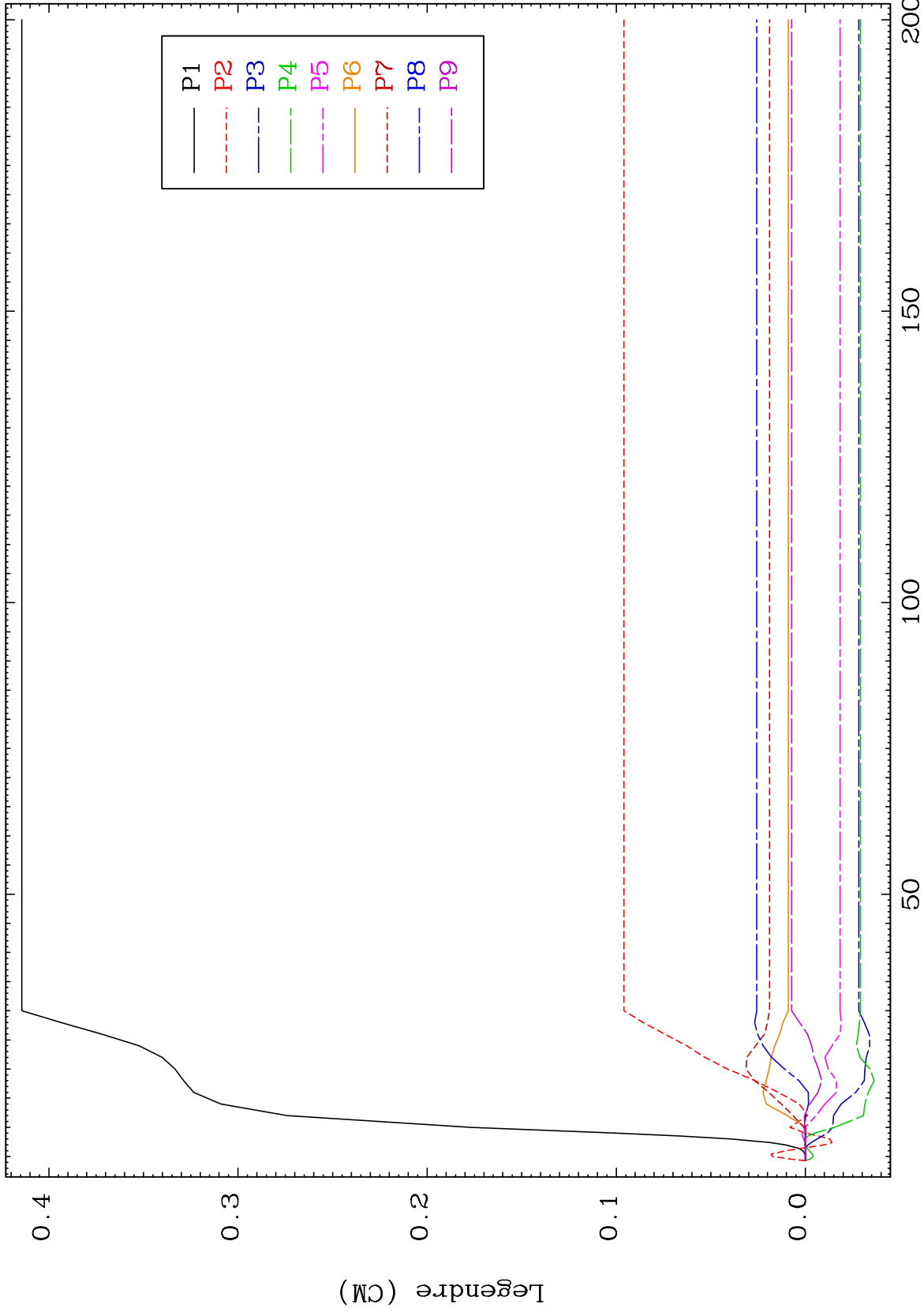


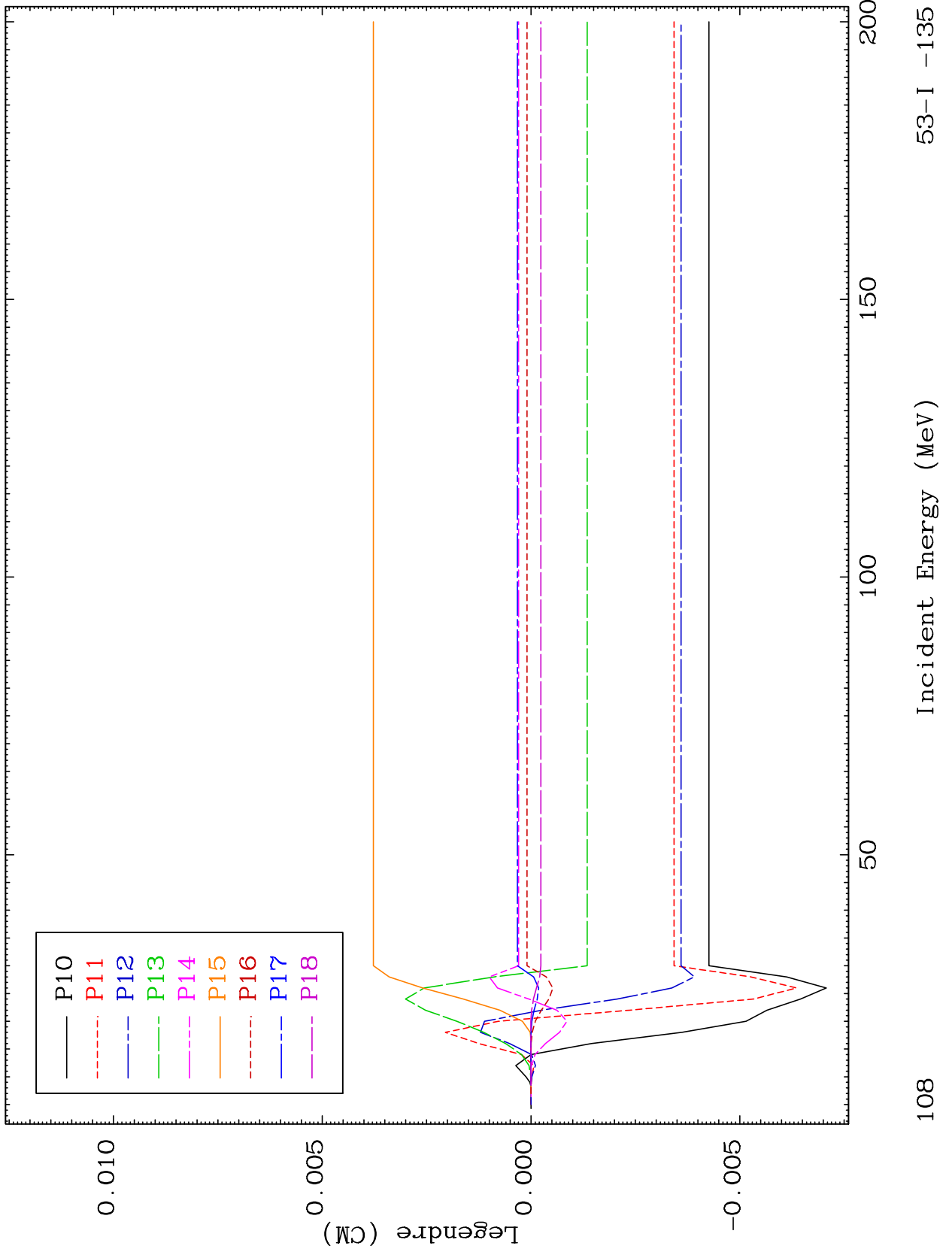
105

Incident Energy (MeV)

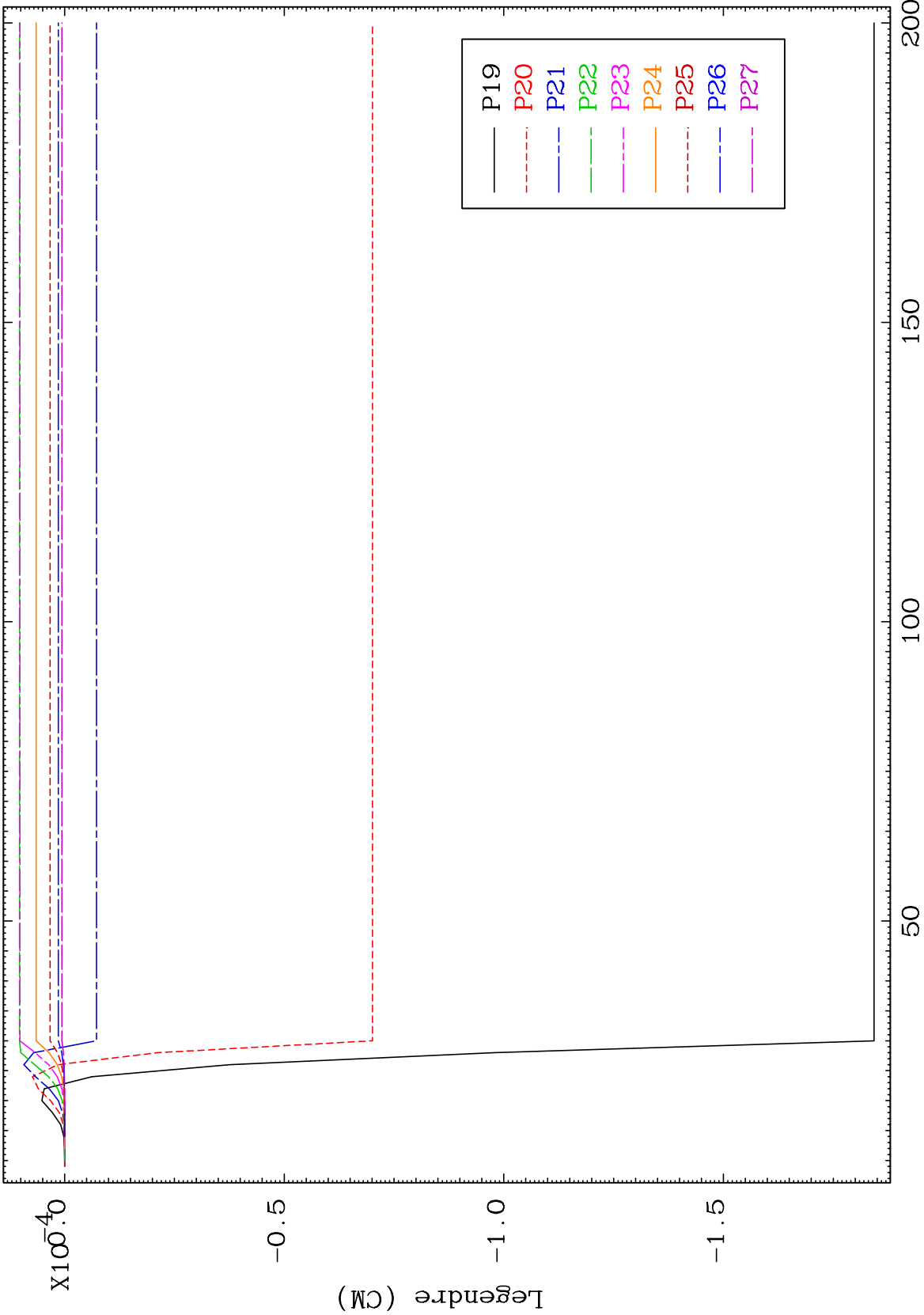
53-I -135







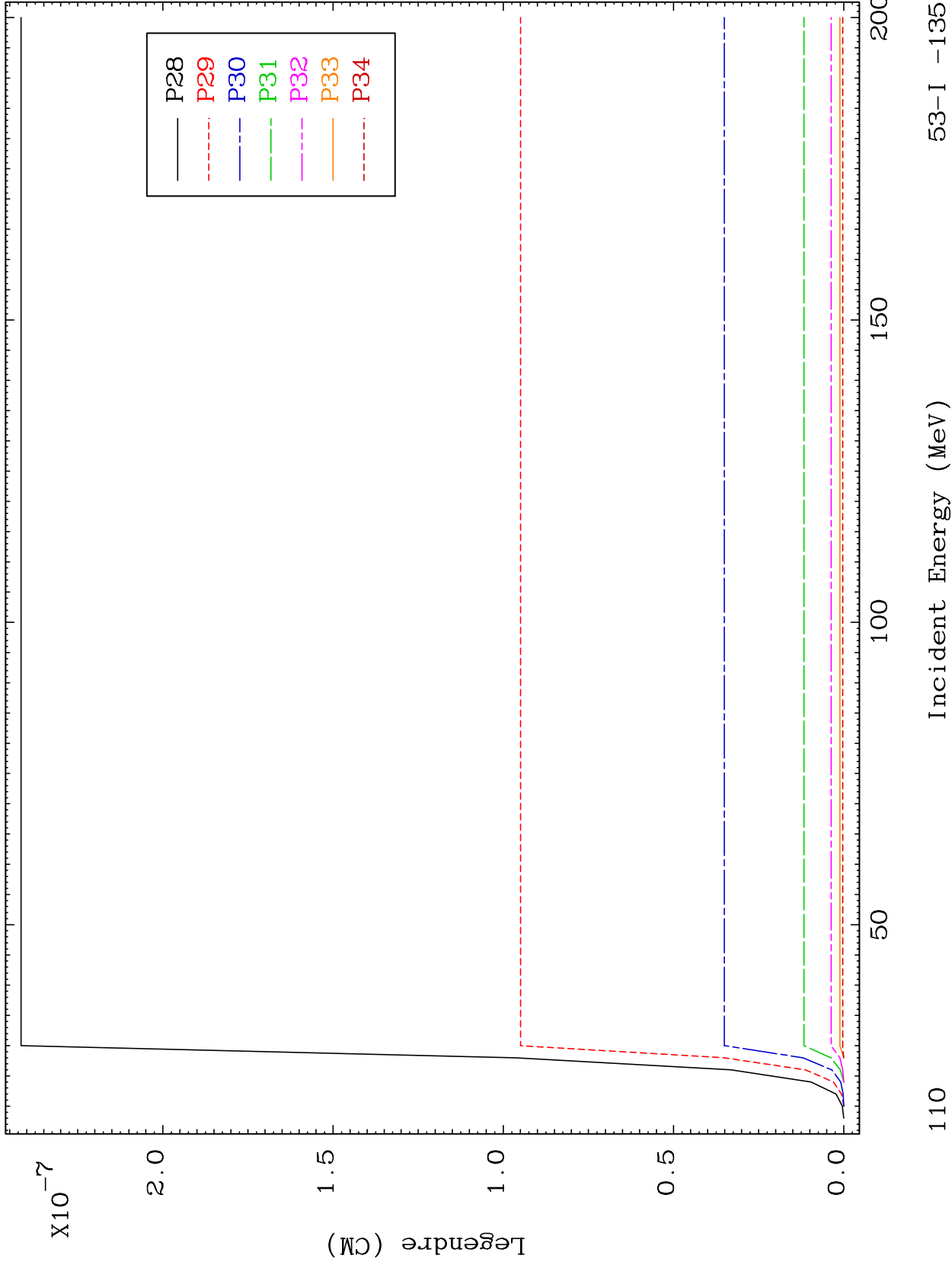
Legendre Coefficients



MAT 5349

4.242 MeV (n,n') Level
Legendre Coefficients

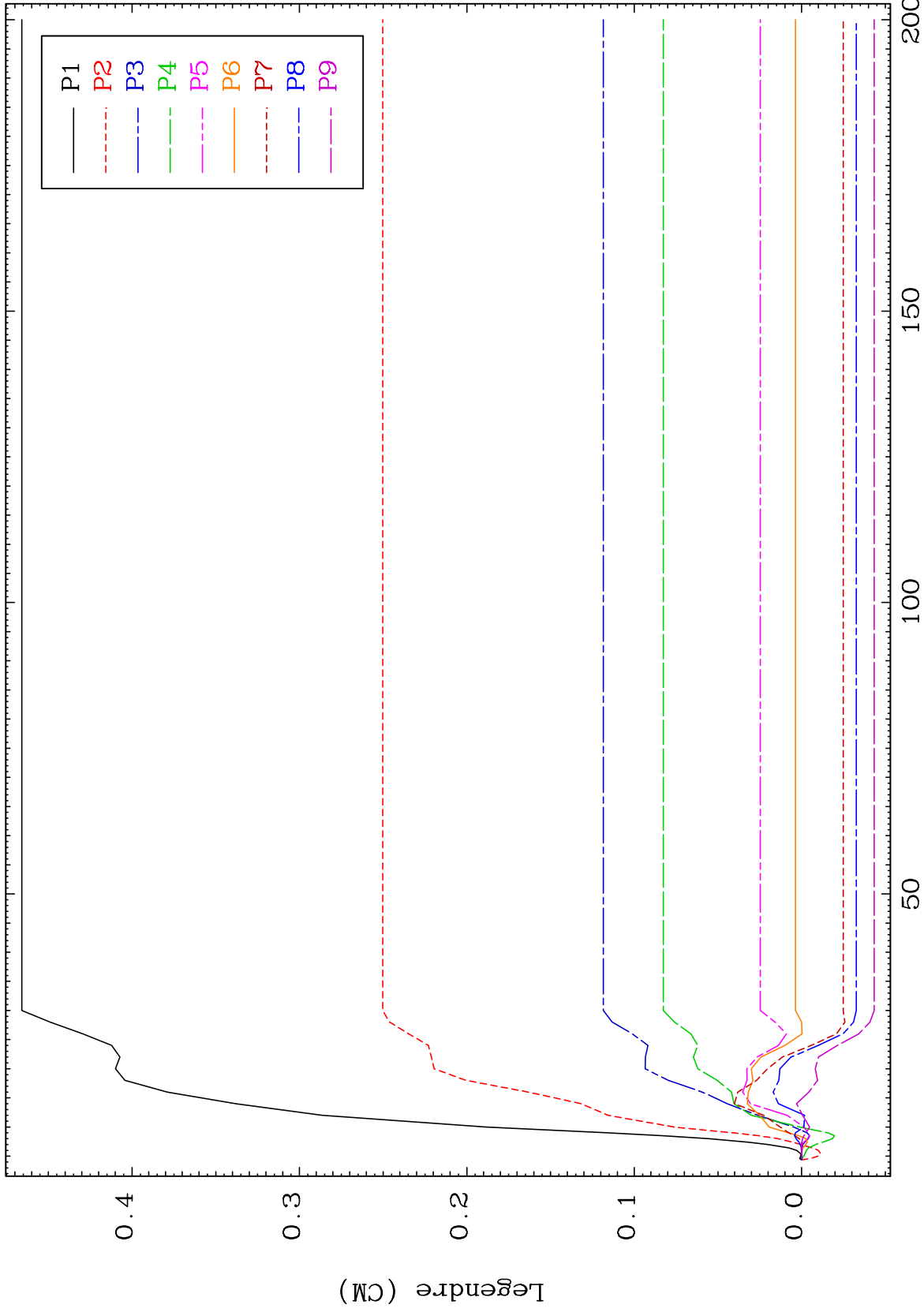
53-I -135

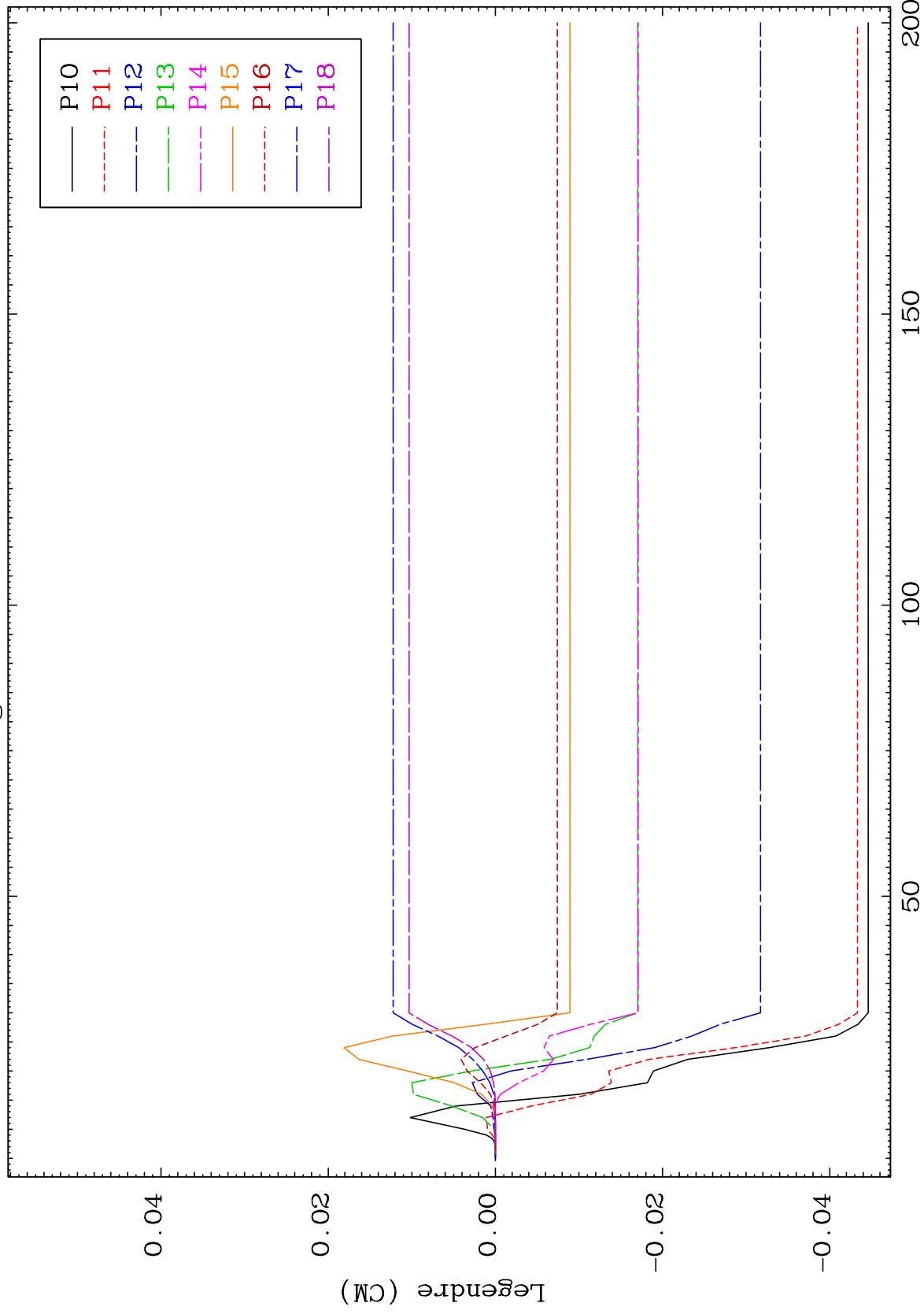


110

Incident Energy (MeV)

53-I -135

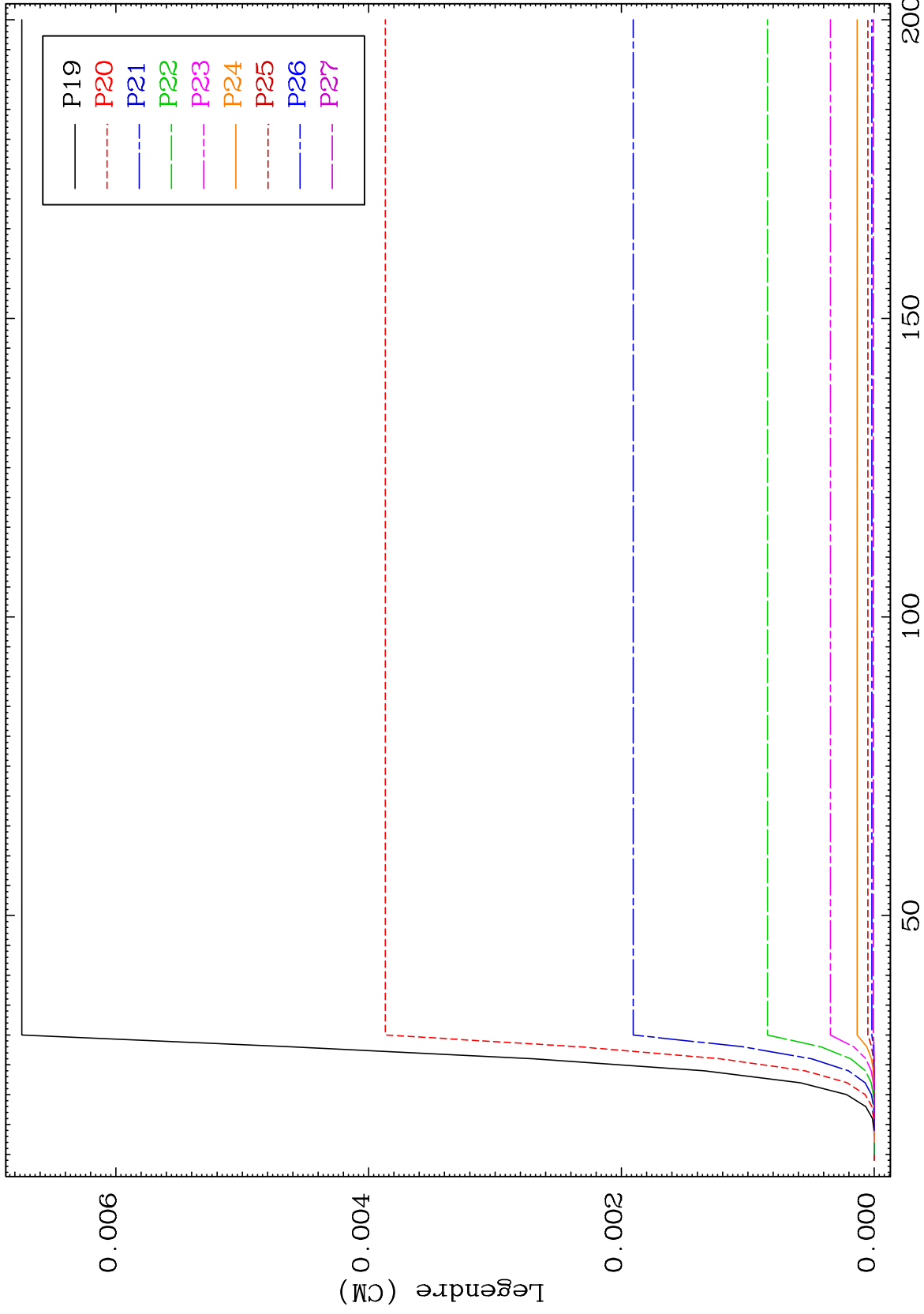




MAT 5349

4.314 MeV (n,n') Level
Legendre Coefficients

53-I -135



113

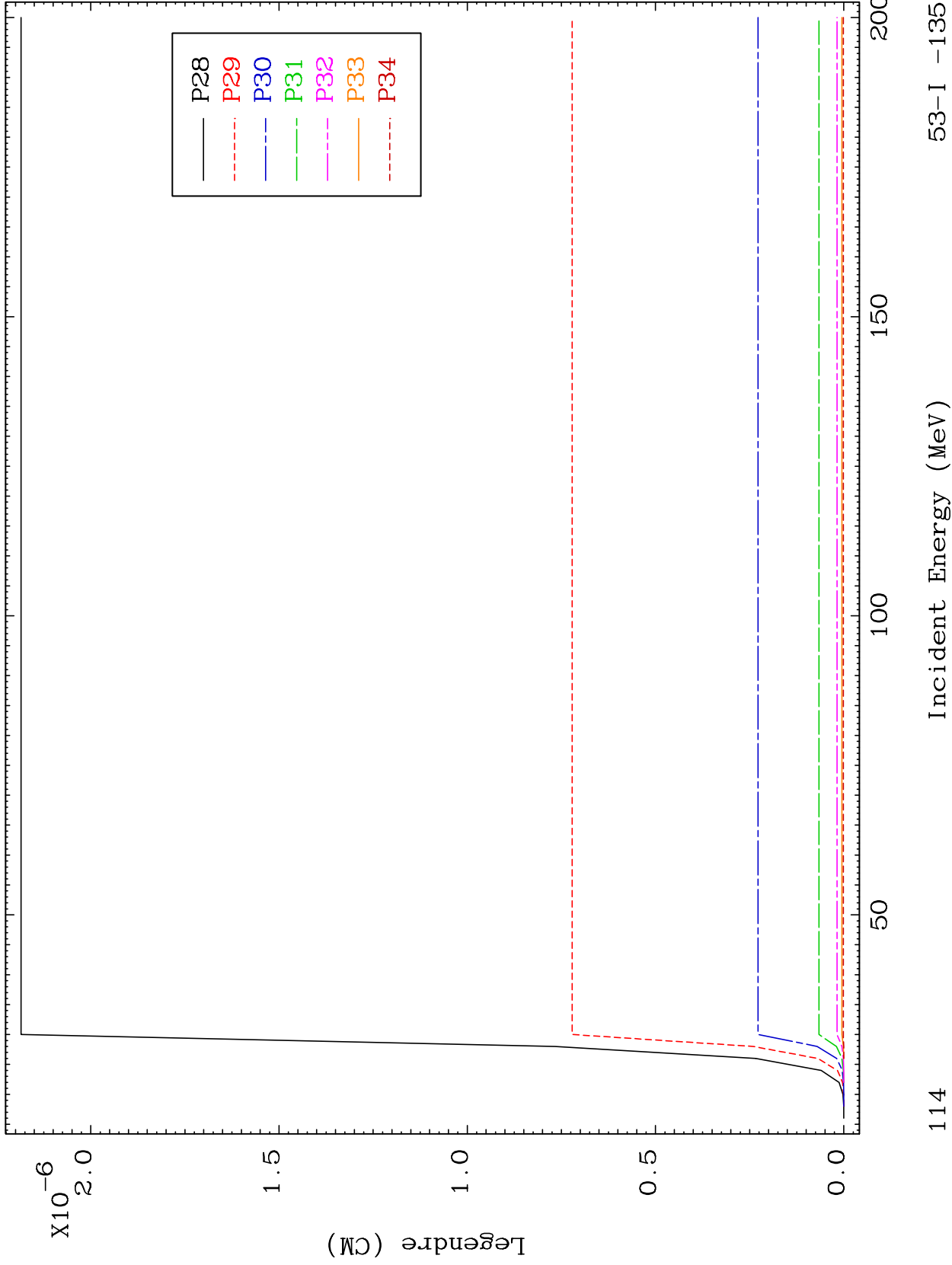
Incident Energy (MeV)

53-I -135

MAT 5349

4.314 MeV (n,n') Level
Legendre Coefficients

53-I -135



114

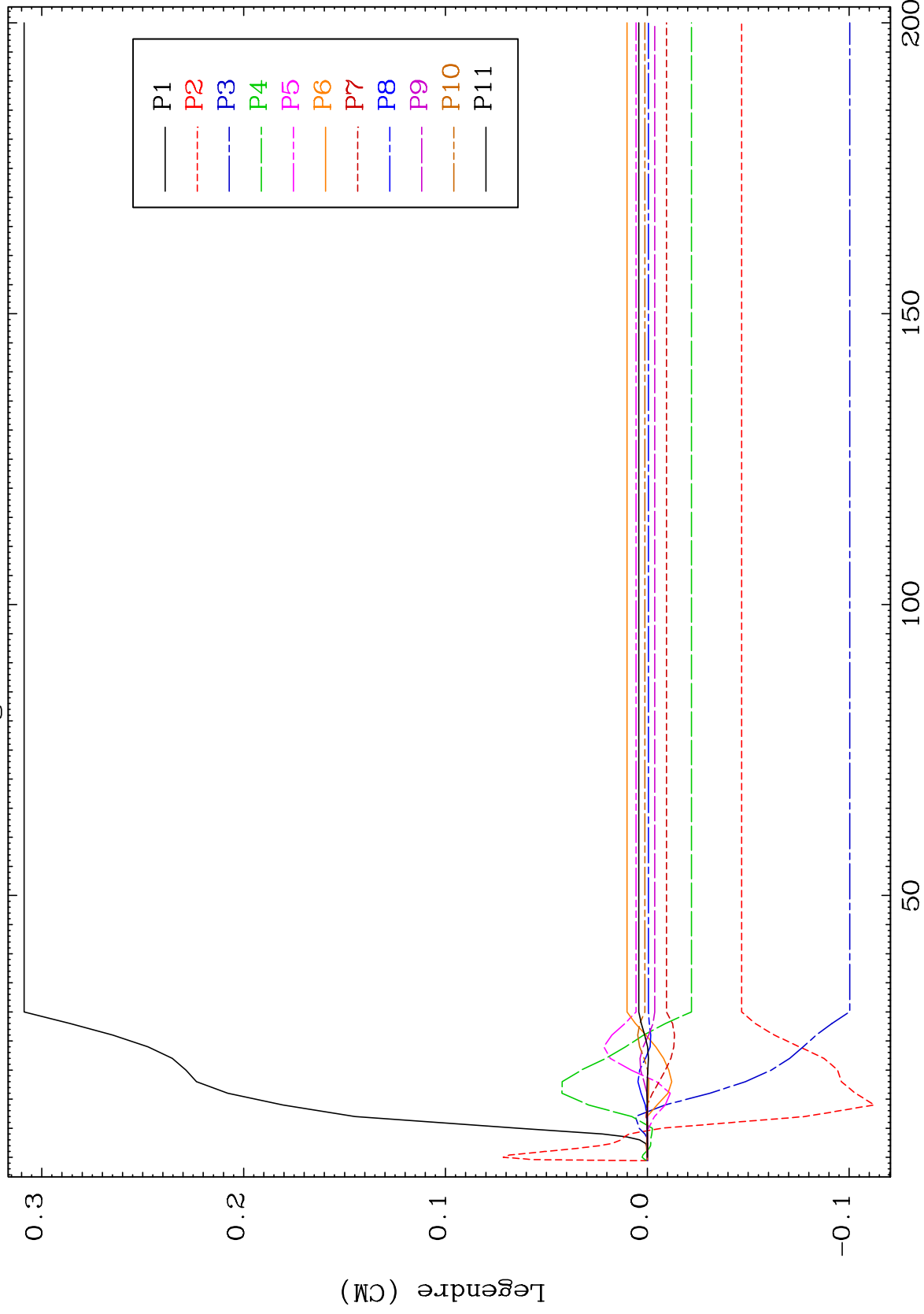
Incident Energy (MeV)

53-I -135

MAT 5349

4.380 MeV (n,n') Level
Legendre Coefficients

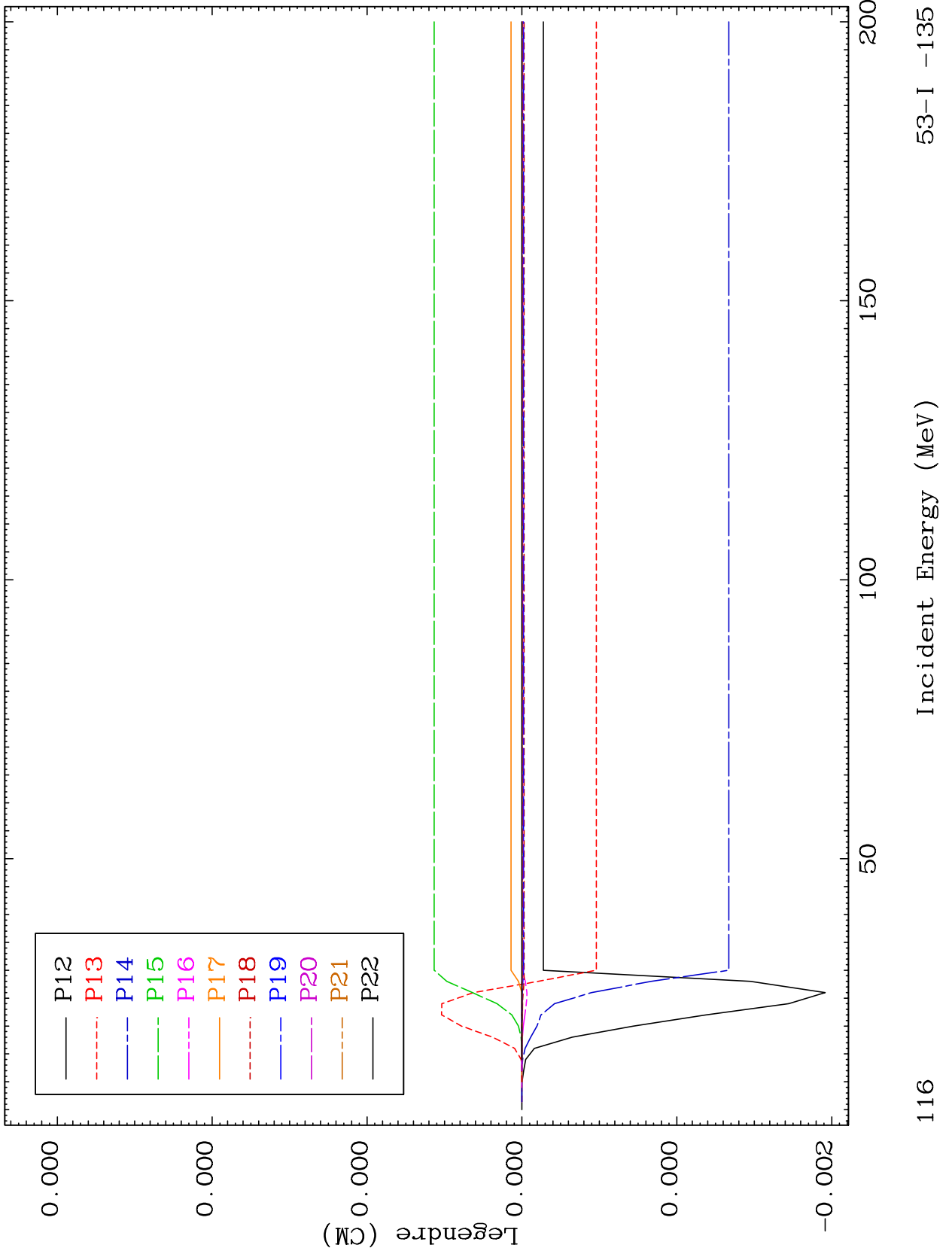
53-I -135



115

Incident Energy (MeV)

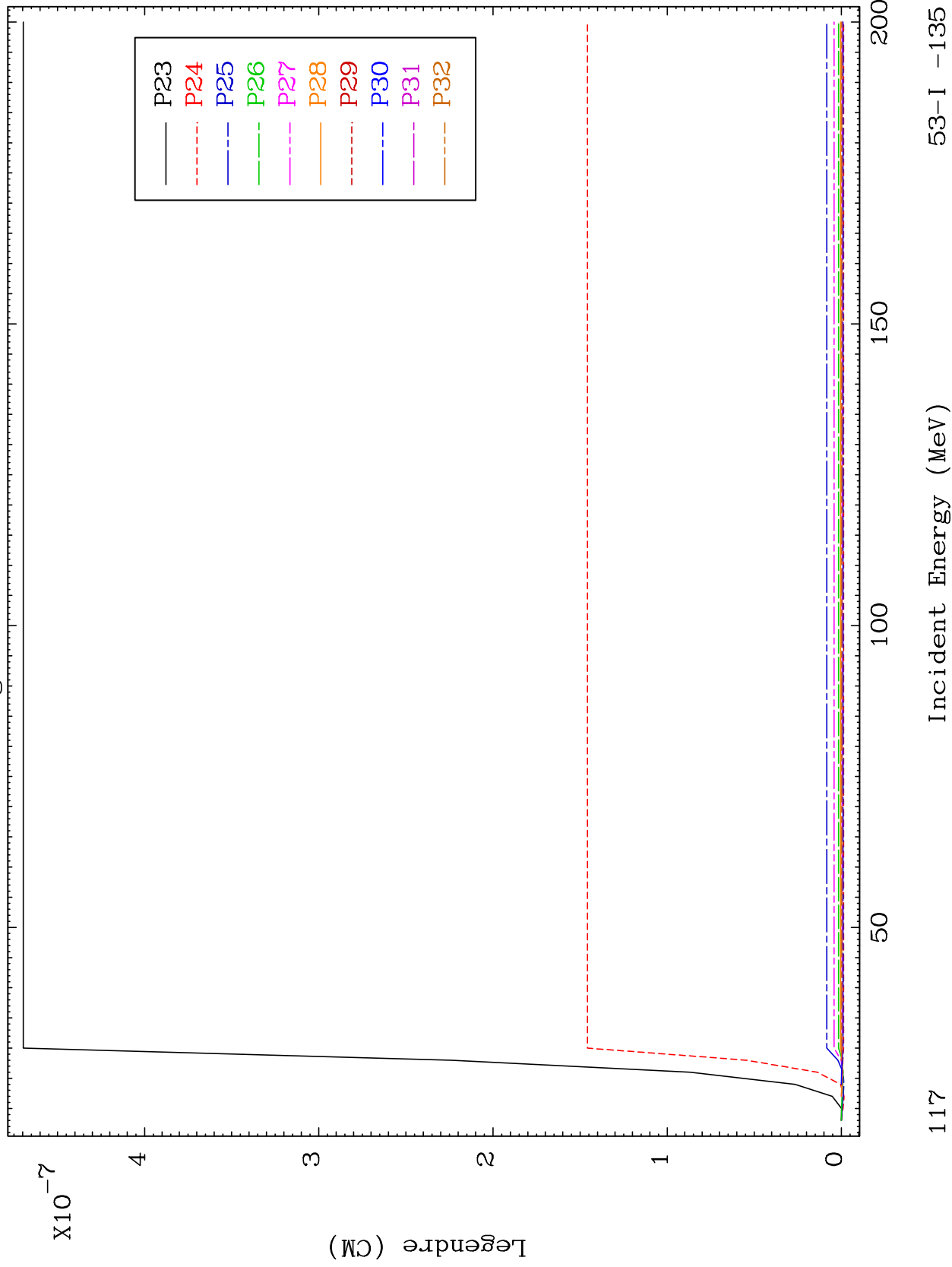
53-I -135



MAT 5349

4.380 MeV (n,n') Level
Legendre Coefficients

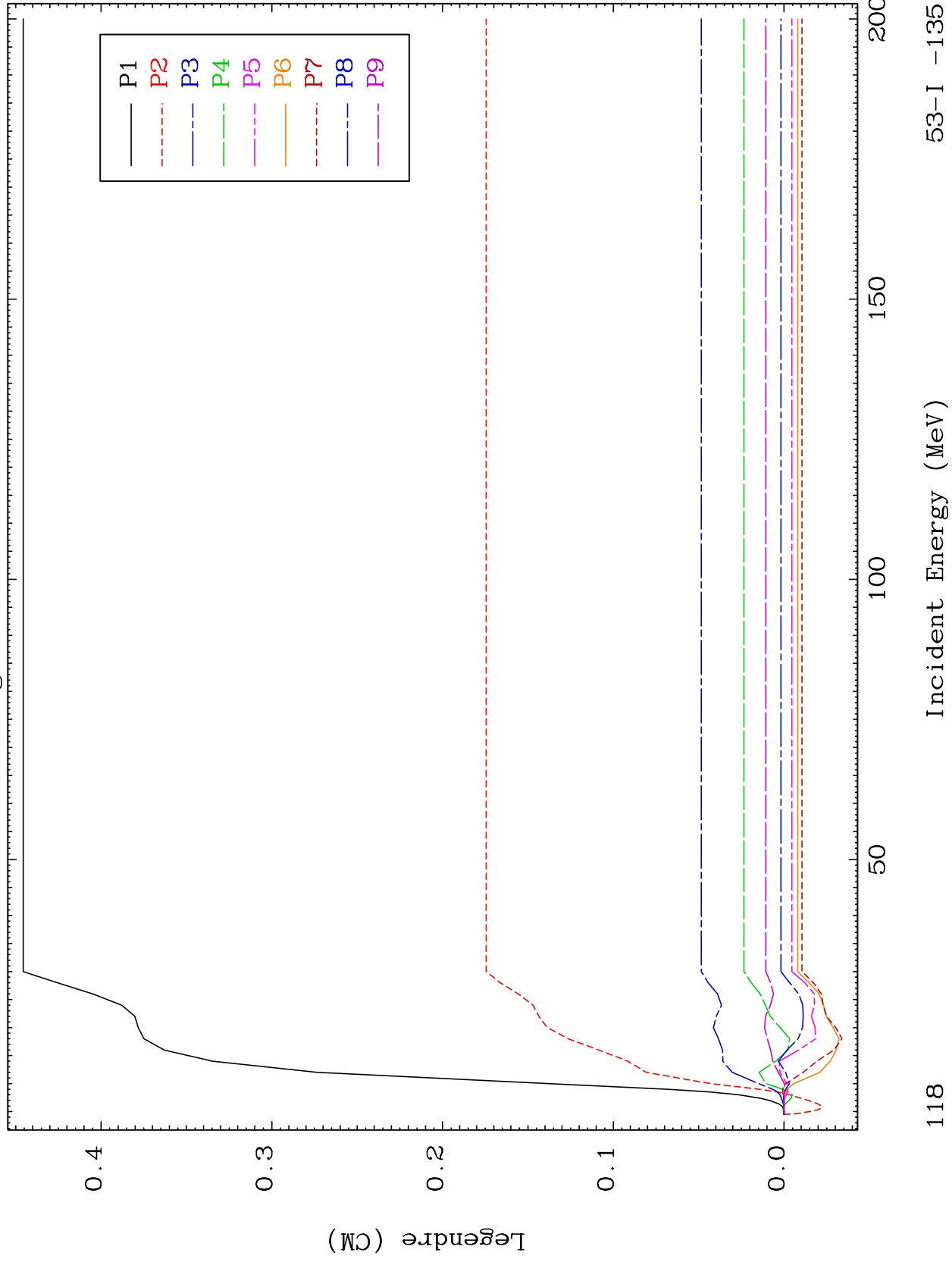
53-I -135

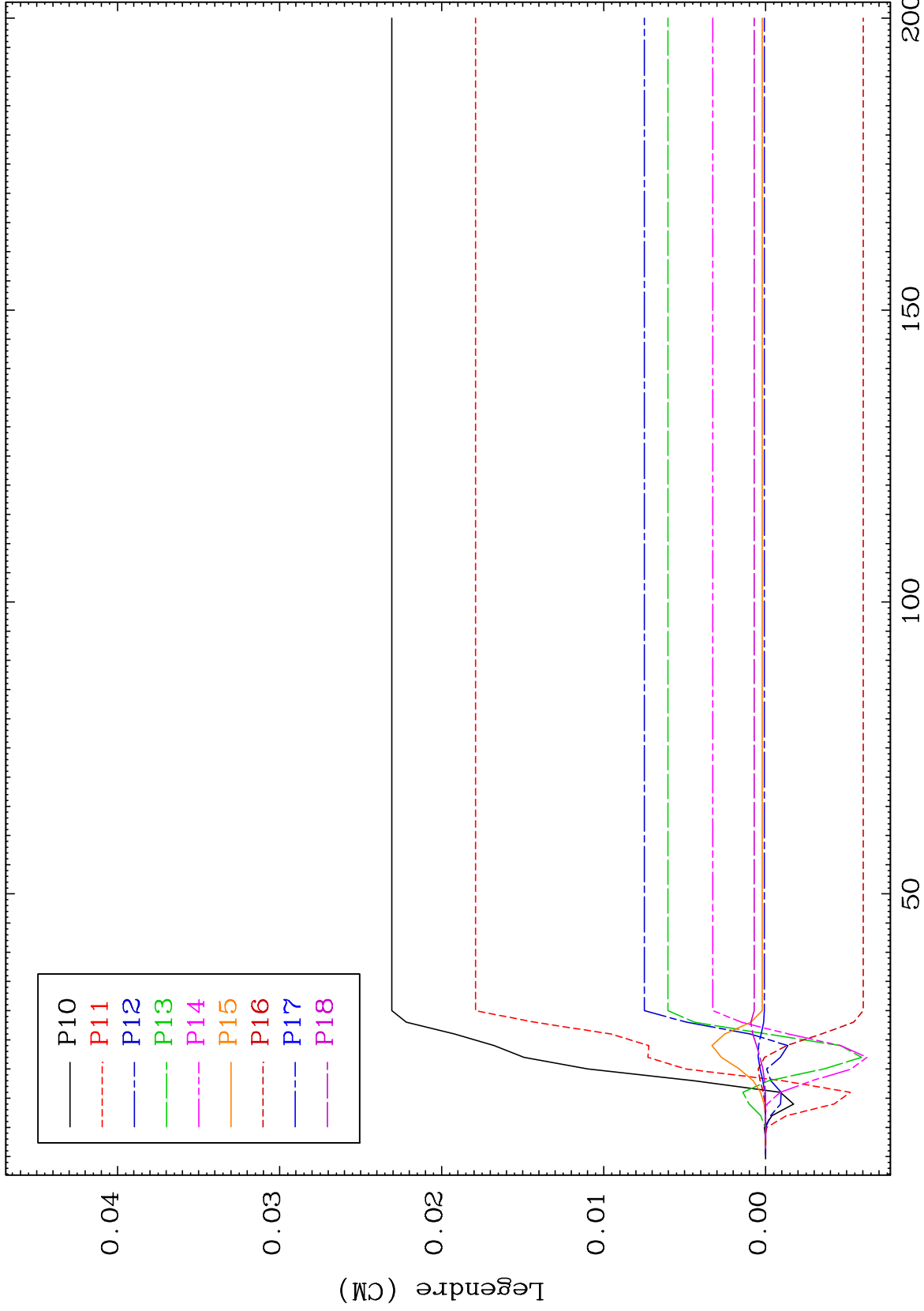


117

Incident Energy (MeV)

53-I -135

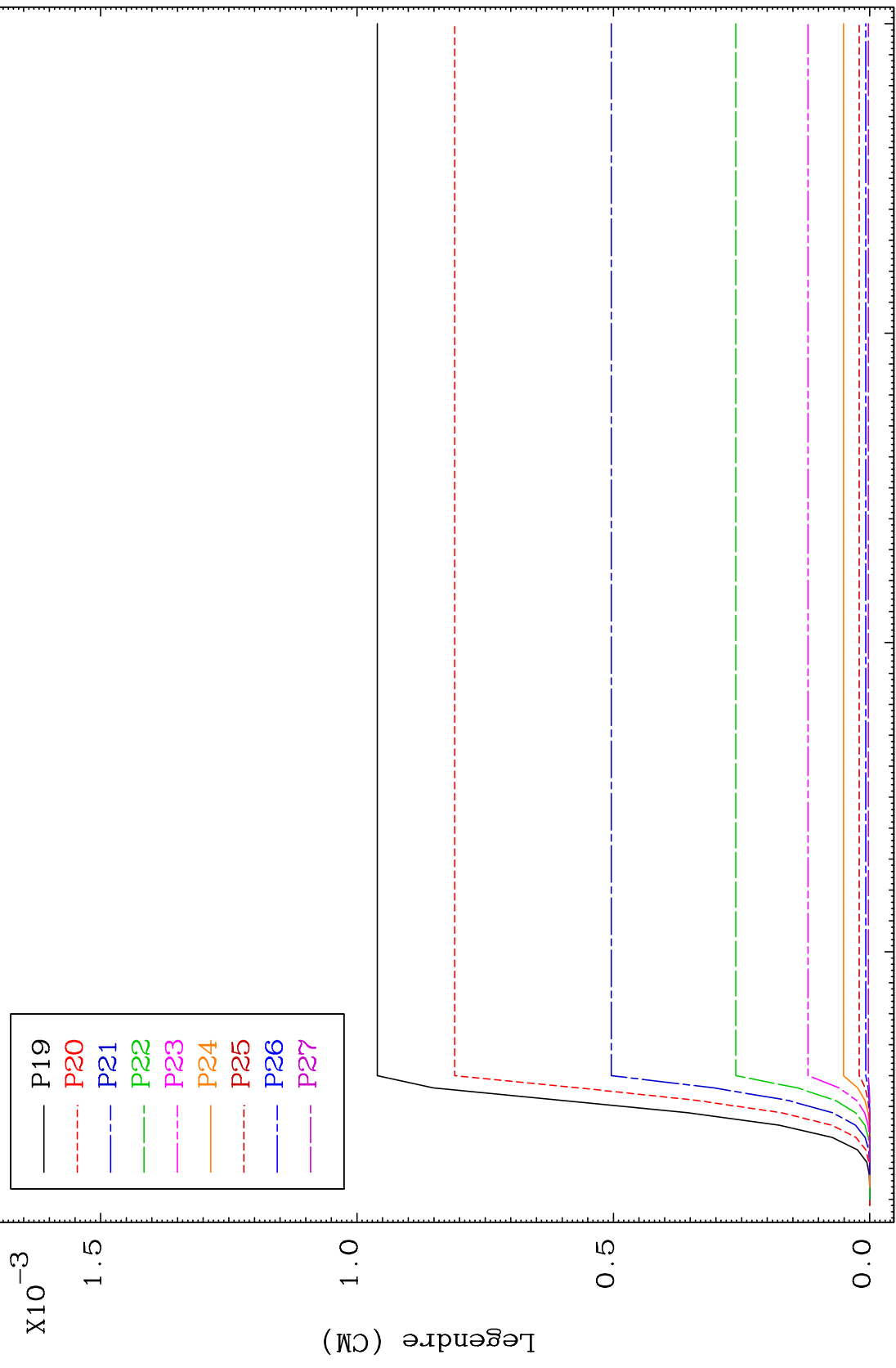
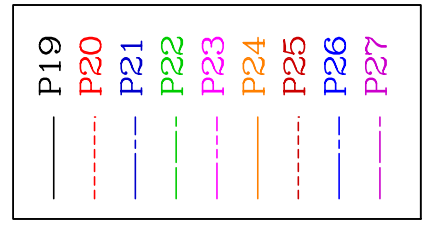




MAT 5349

4.464 MeV (n,n') Level
Legendre Coefficients

53-I -135



120

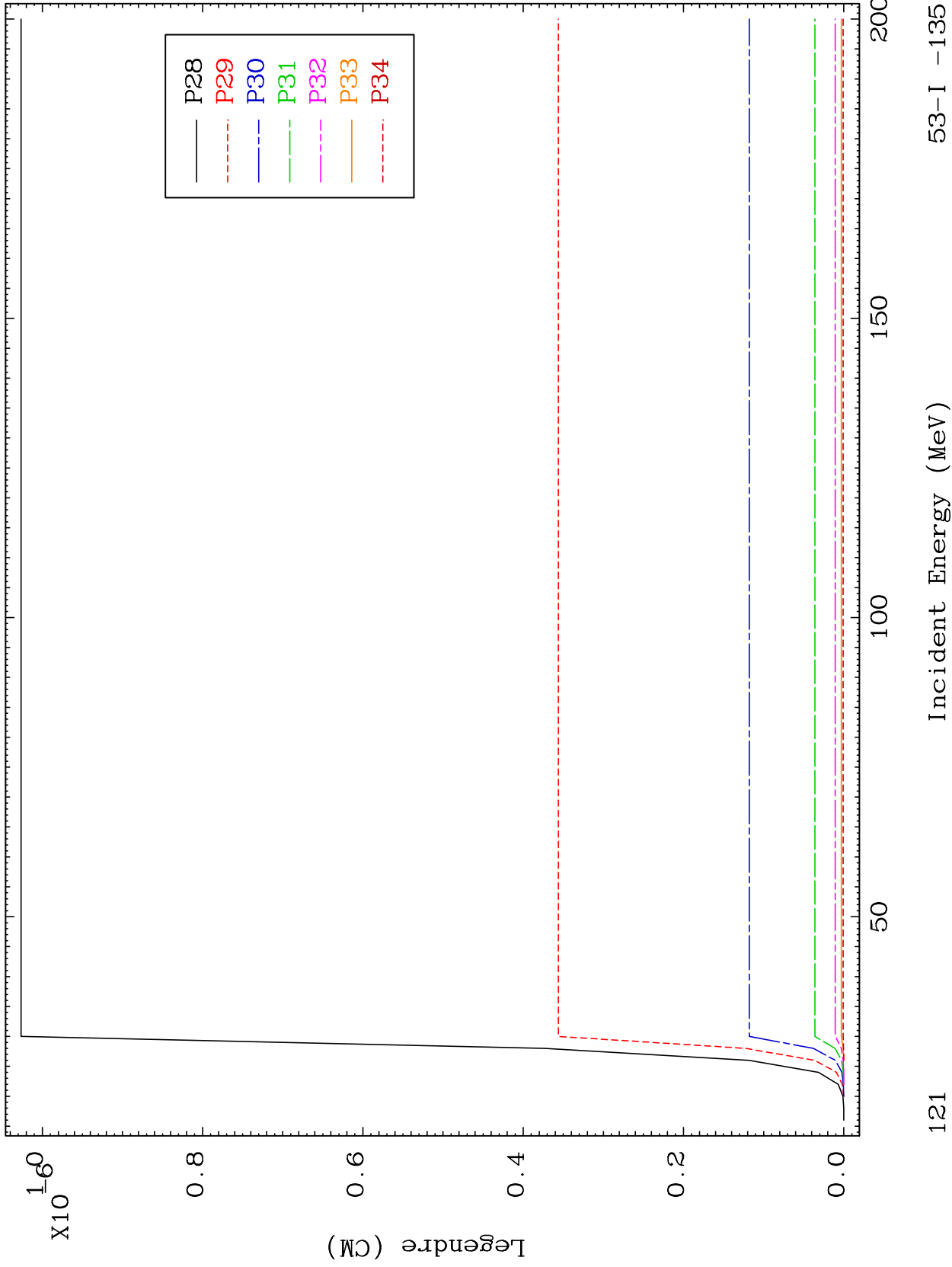
Incident Energy (MeV)

53-I -135

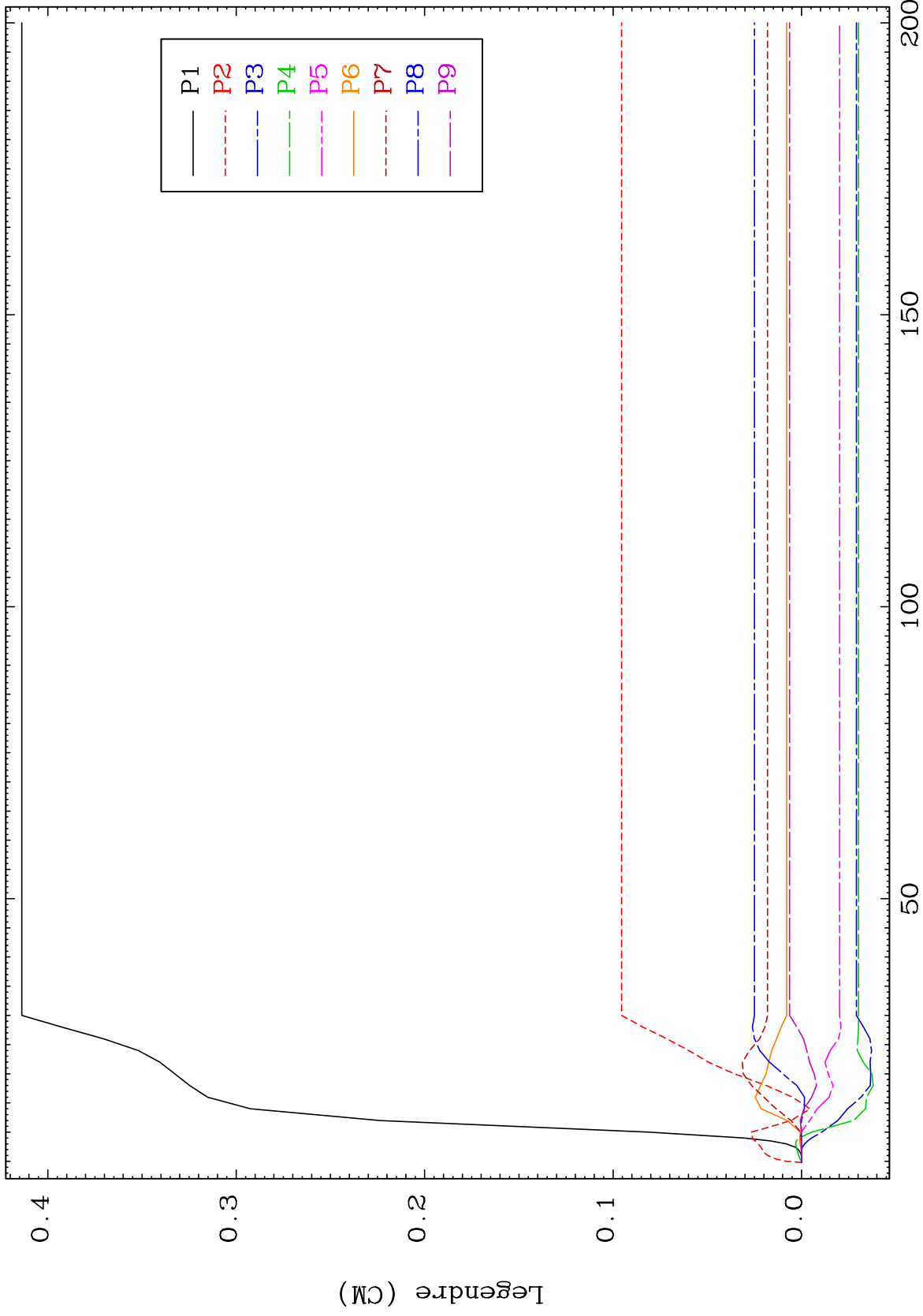
MAT 5349

4.464 MeV (n,n') Level
Legendre Coefficients

53-I -135



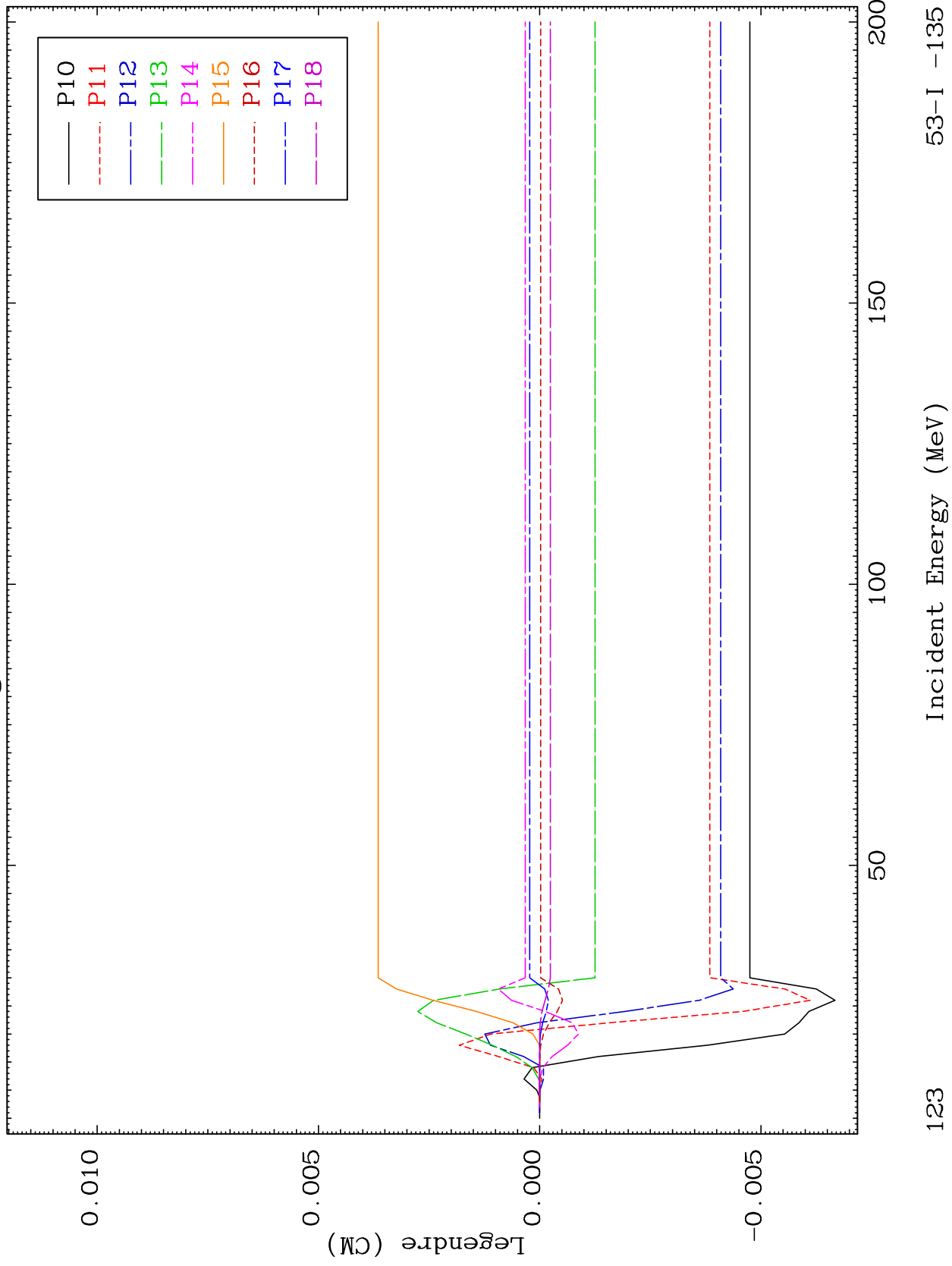
121



MAT 5349

4.773 MeV (n,n') Level
Legendre Coefficients

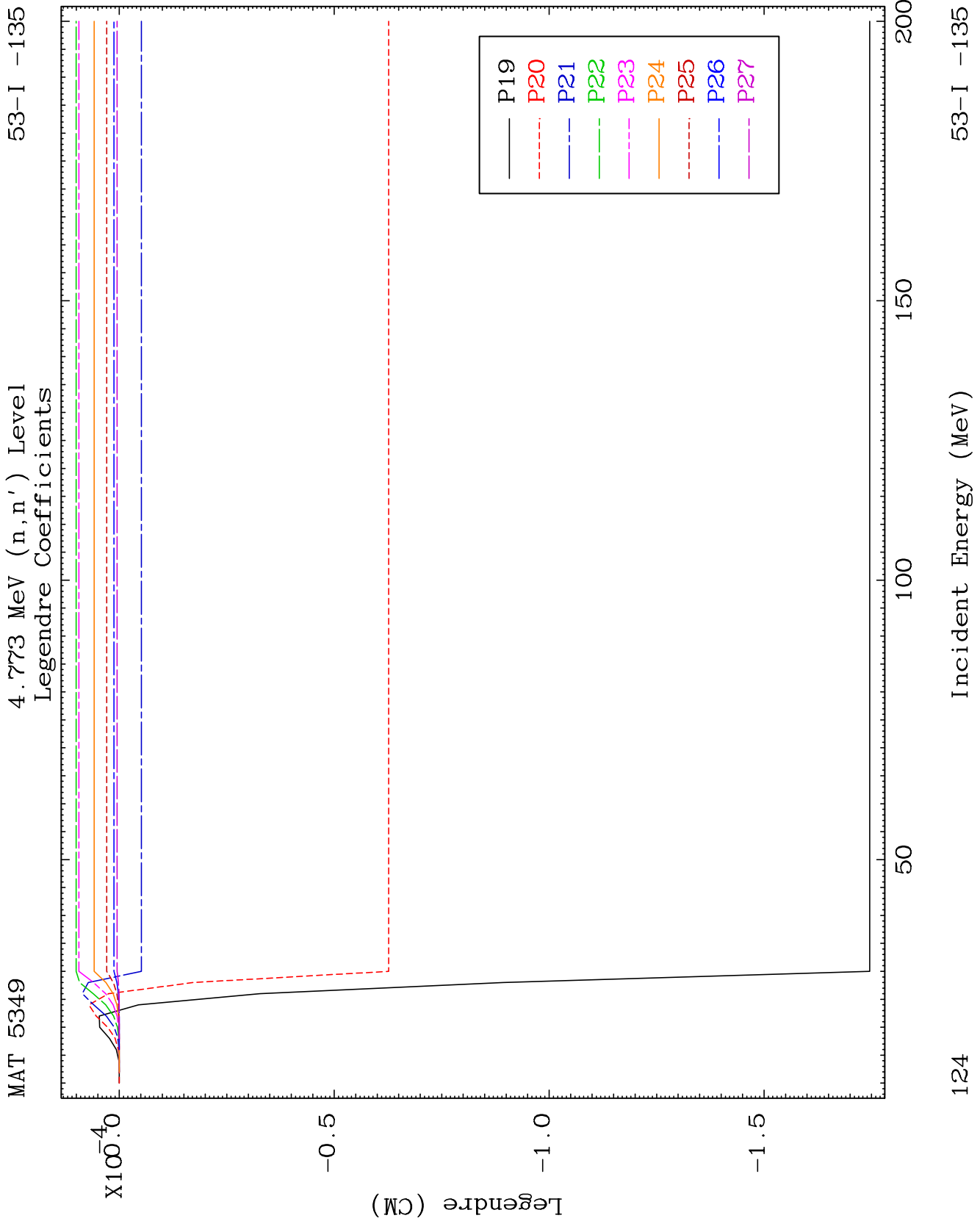
53-I -135



123

Incident Energy (MeV)

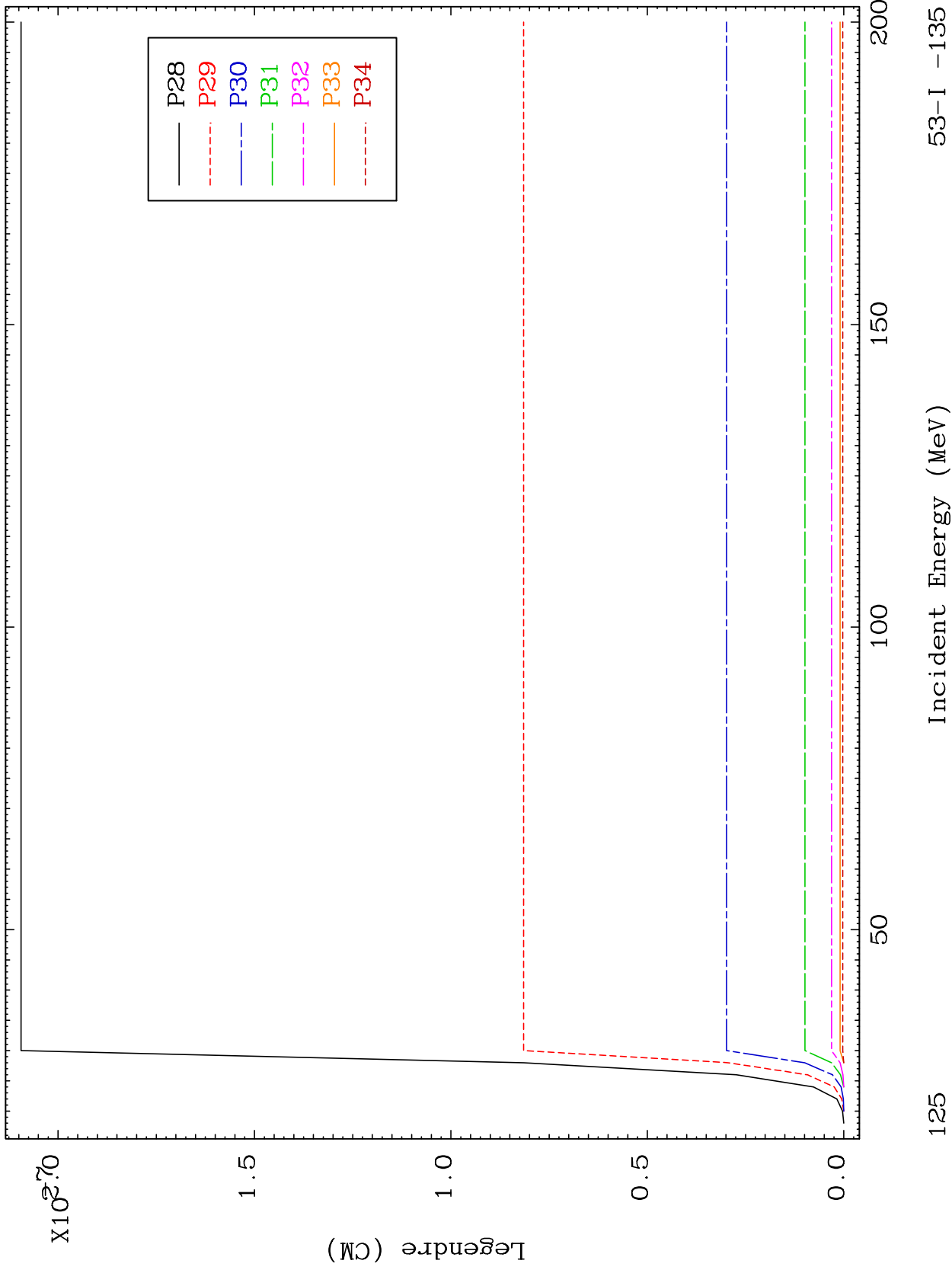
53-I -135



MAT 5349

4.773 MeV (n,n') Level
Legendre Coefficients

53-I -135



125

Incident Energy (MeV)

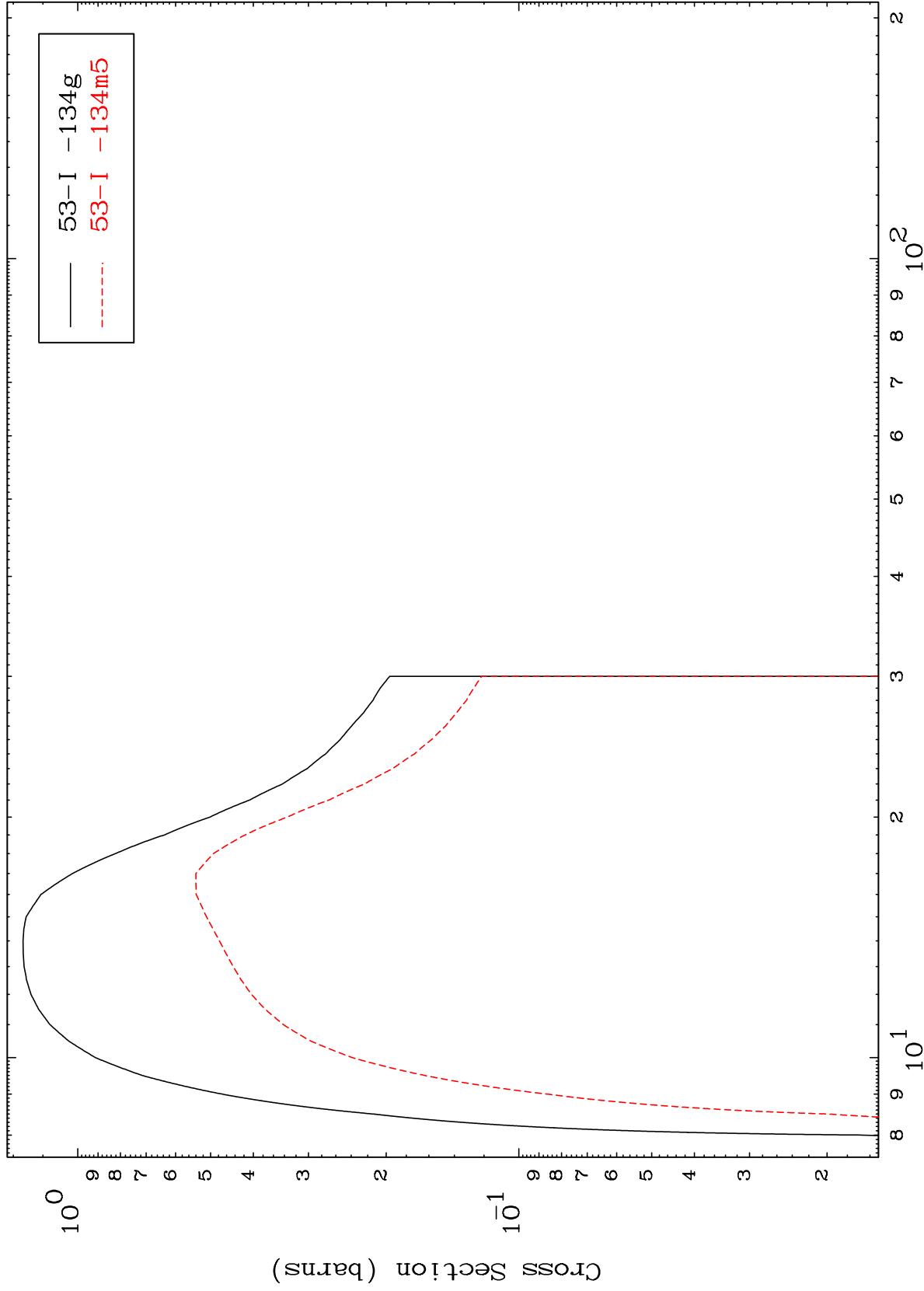
53-I -135

MAT 5349

(n,2n)

53-I -135

Radionuclide Production Cross Section



126

Incident Energy (MeV)

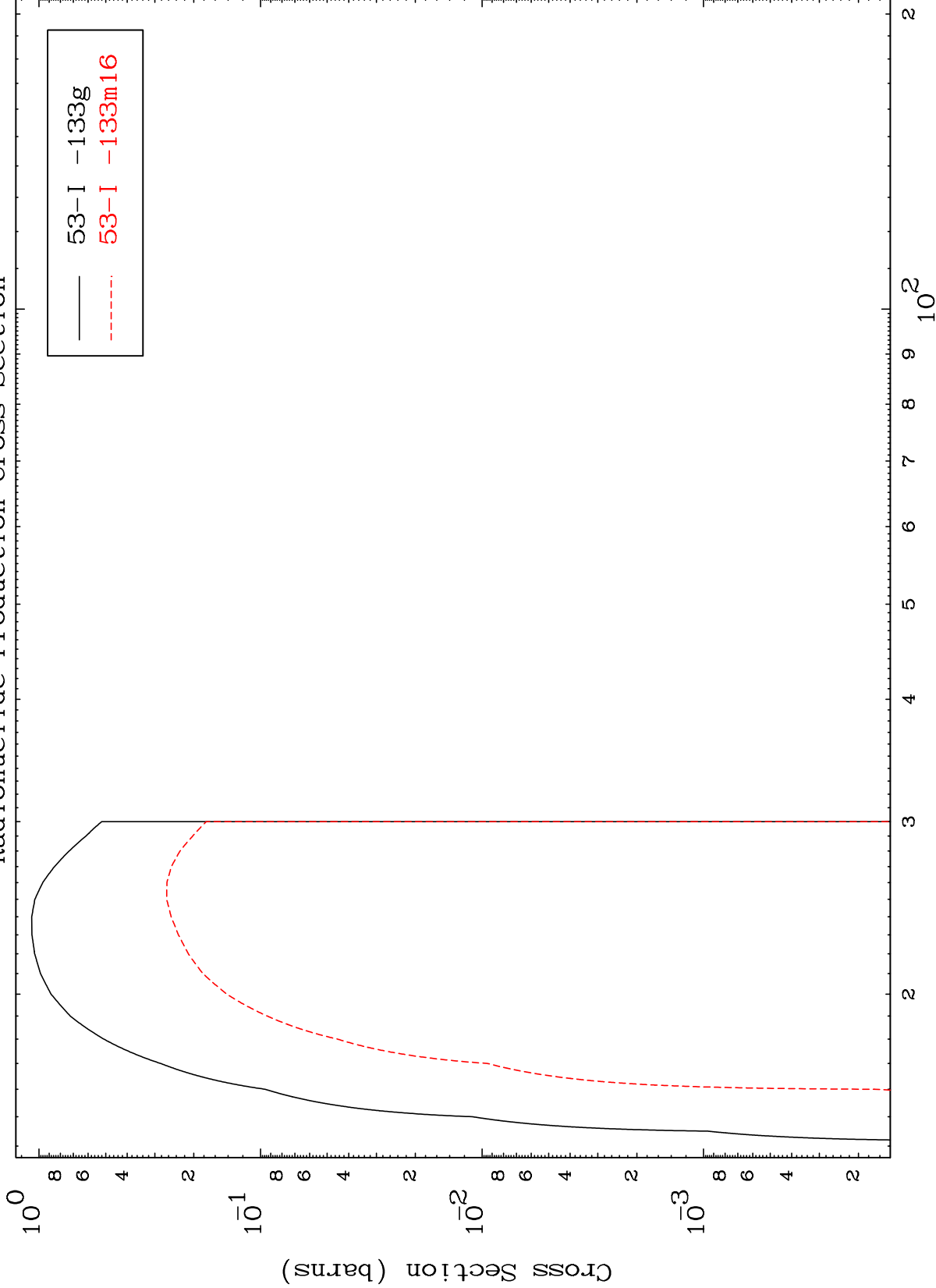
53-I -135

MAT 5349

(n,3n)

53-I -135

Radionuclide Production Cross Section



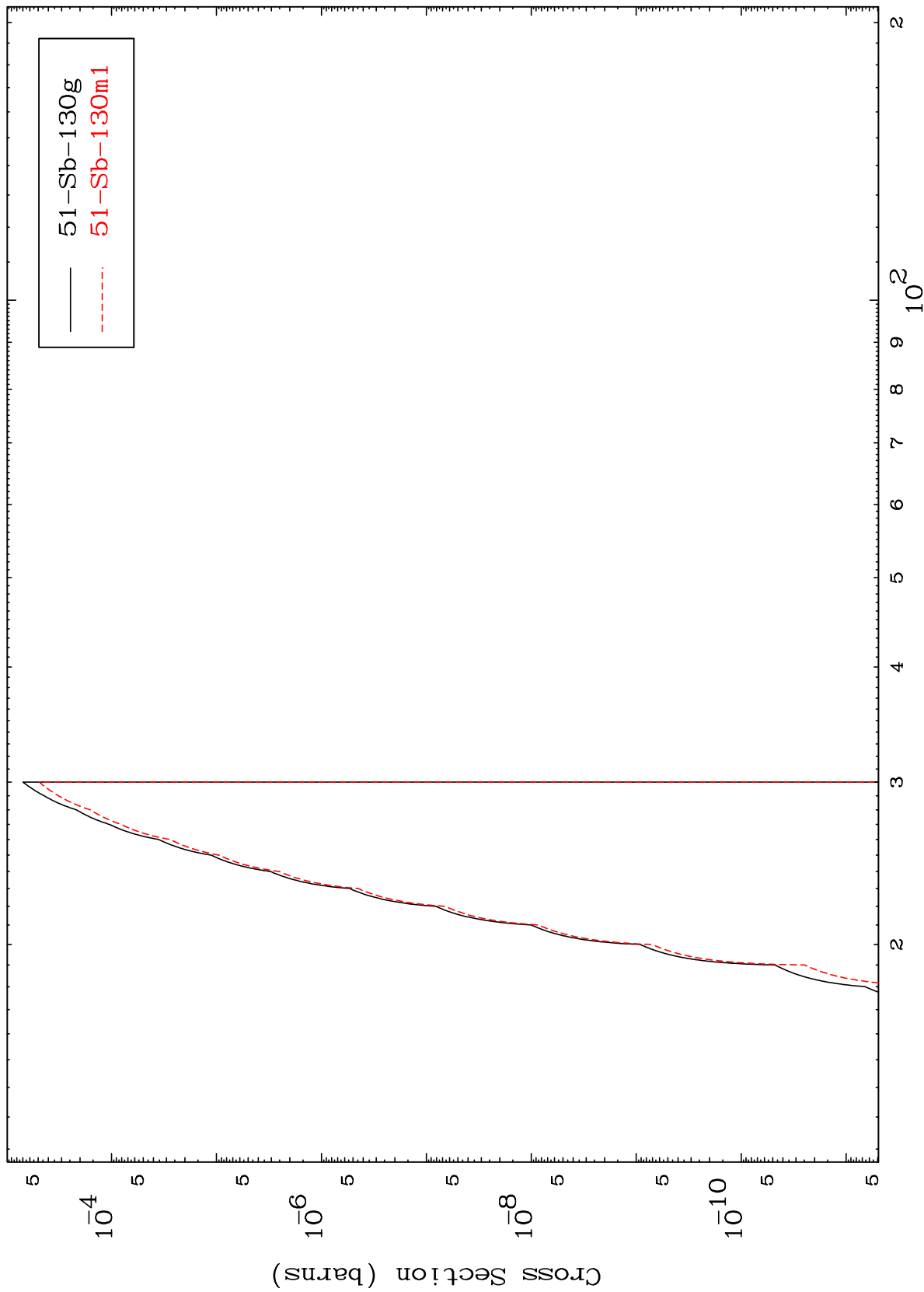
53-I -133g
53-I -133m16

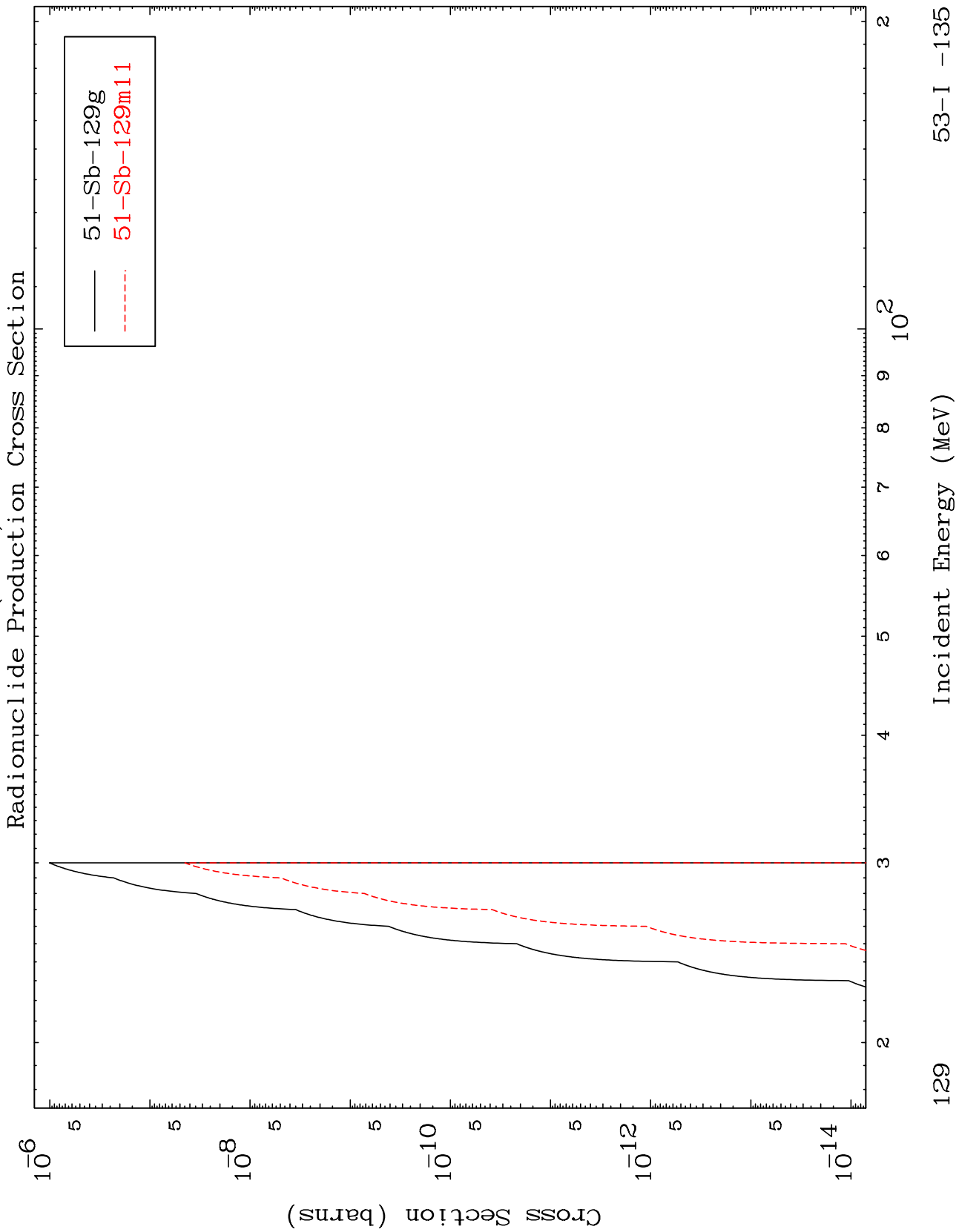
127

Incident Energy (MeV)

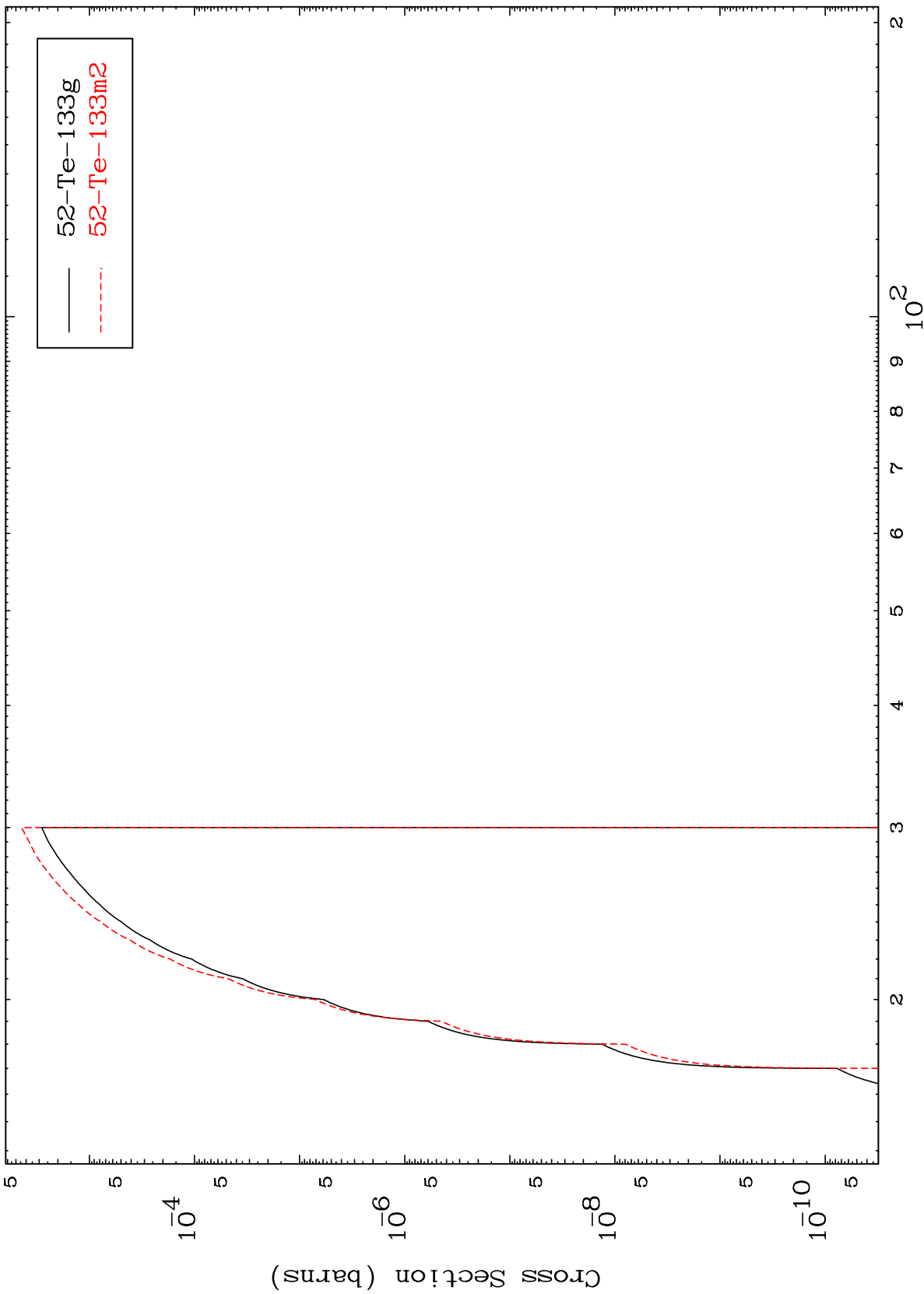
53-I -135

Radionuclide Production Cross Section





Radionuclide Production Cross Section

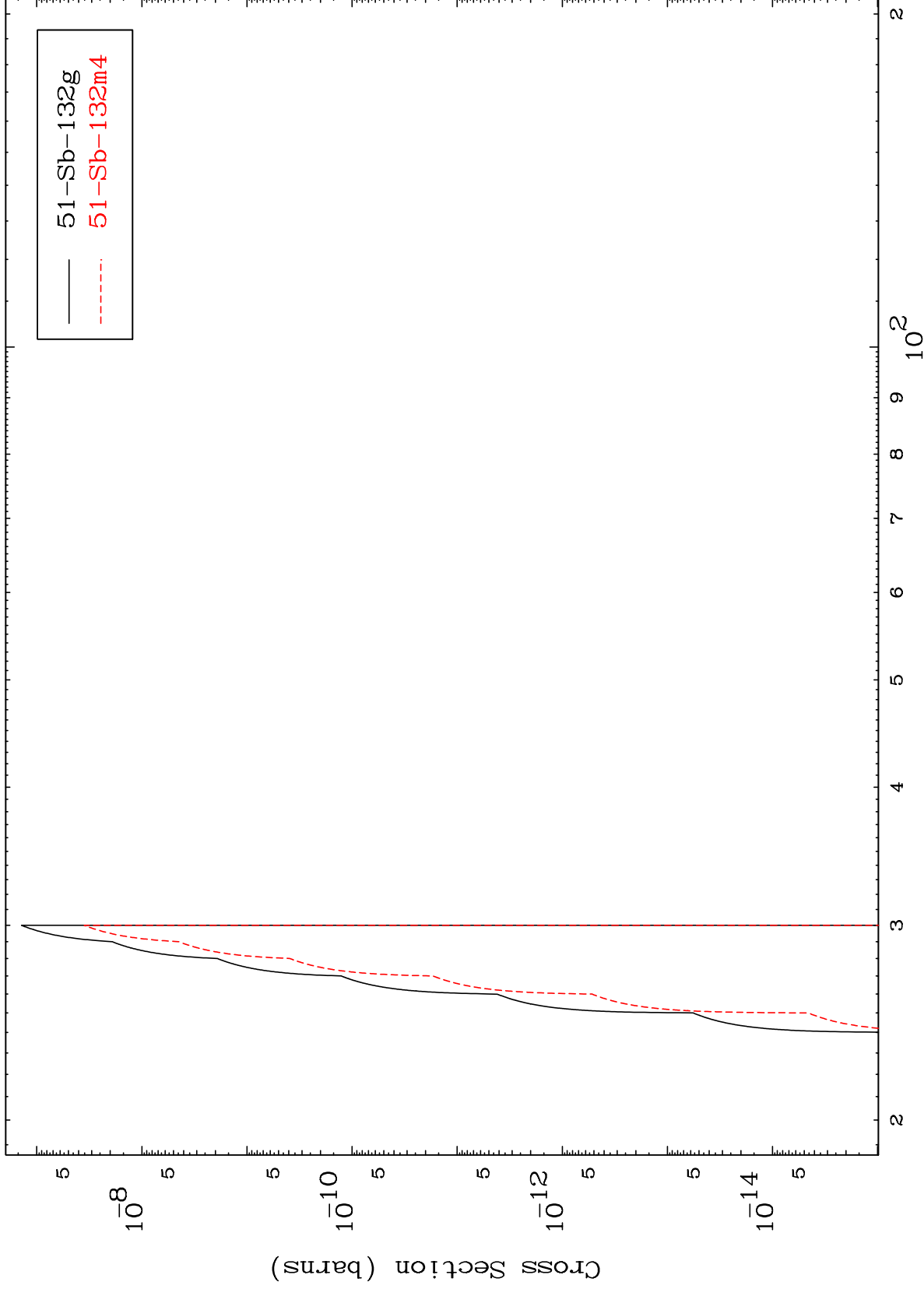


MAT 5349

(n,n') He-3

53-I -135

Radionuclide Production Cross Section



131

Incident Energy (MeV)

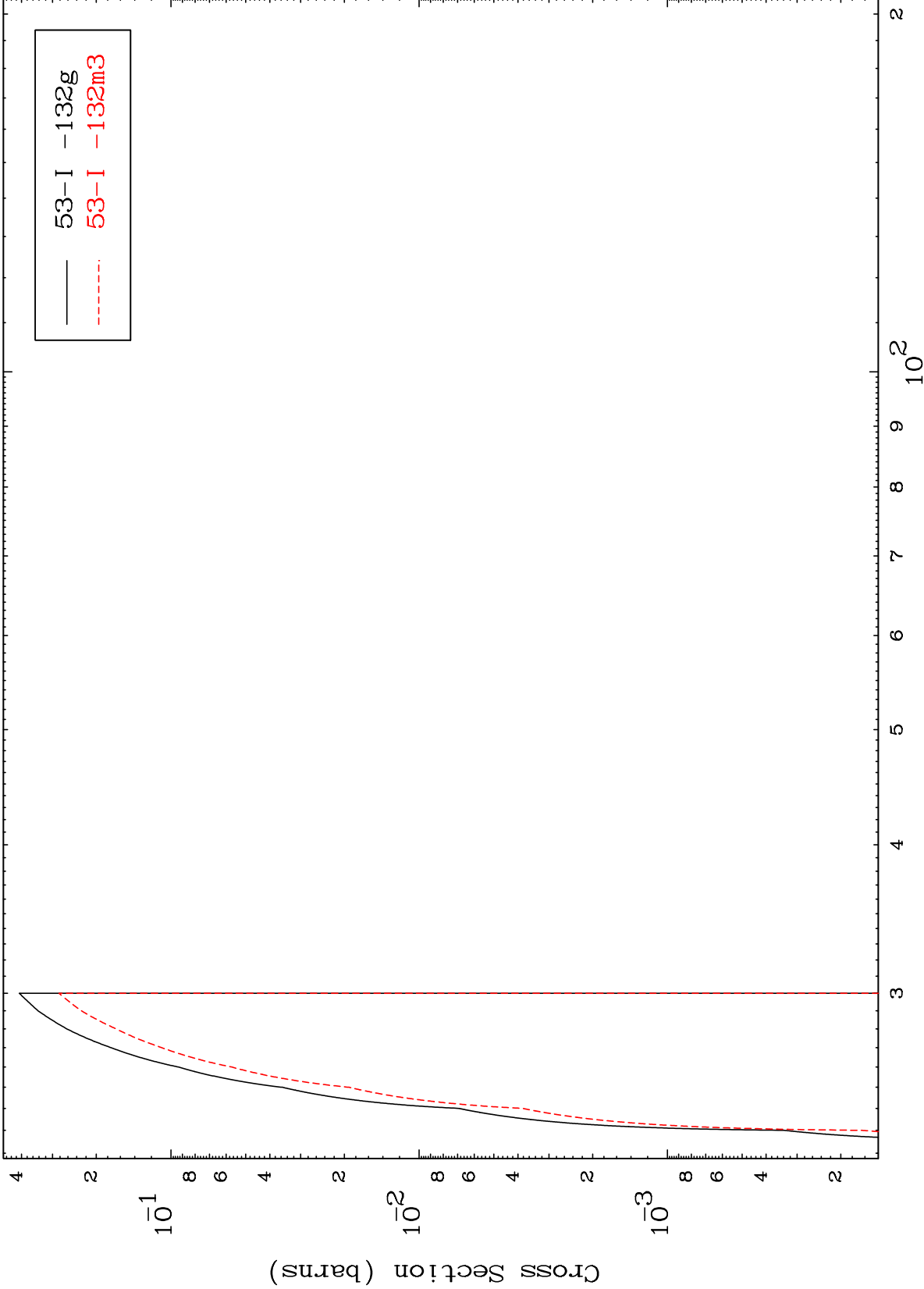
53-I -135

MAT 5349

(n,4n)

53-I -135

Radionuclide Production Cross Section

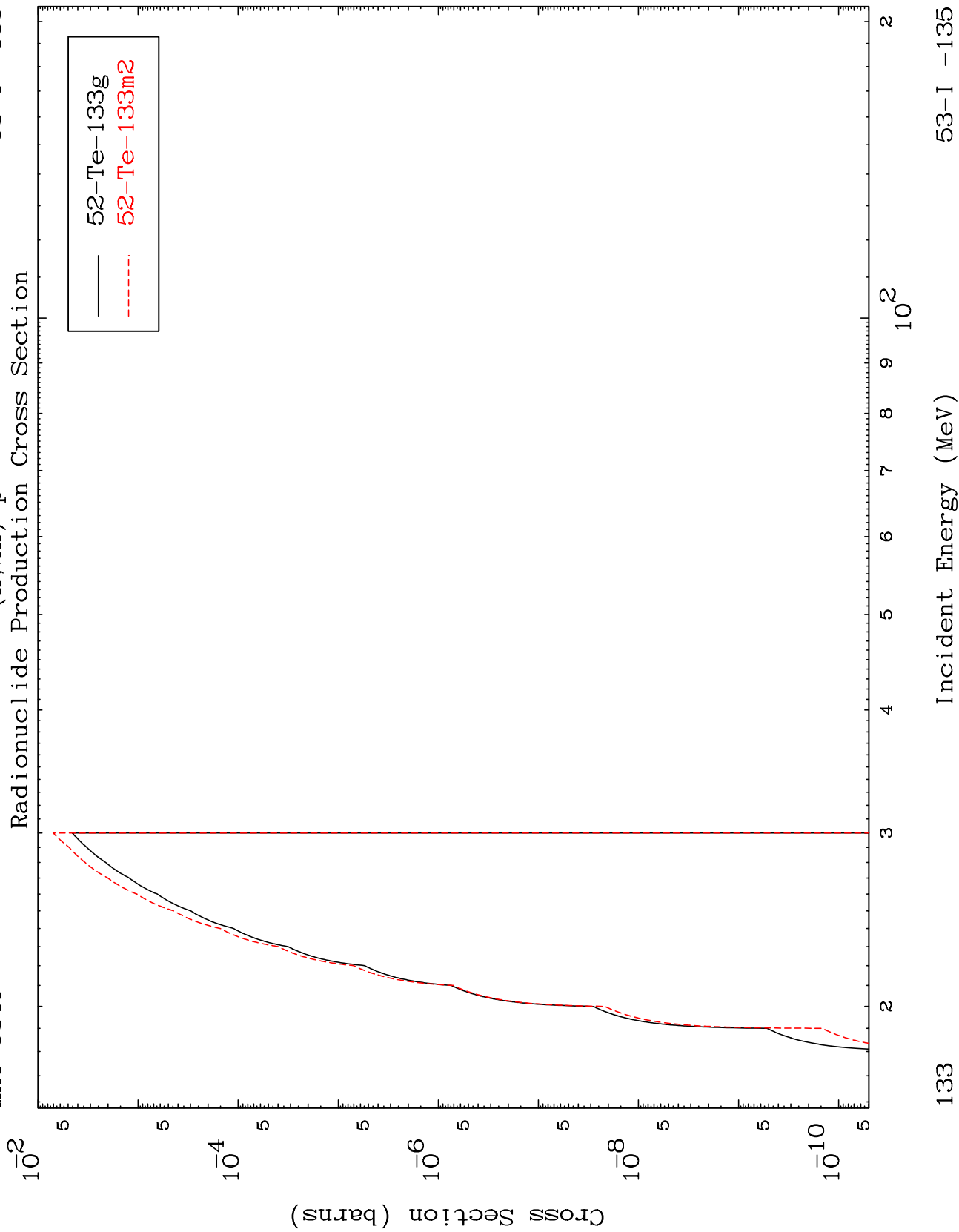


53-I -132g
53-I -132m3

132

Incident Energy (MeV)

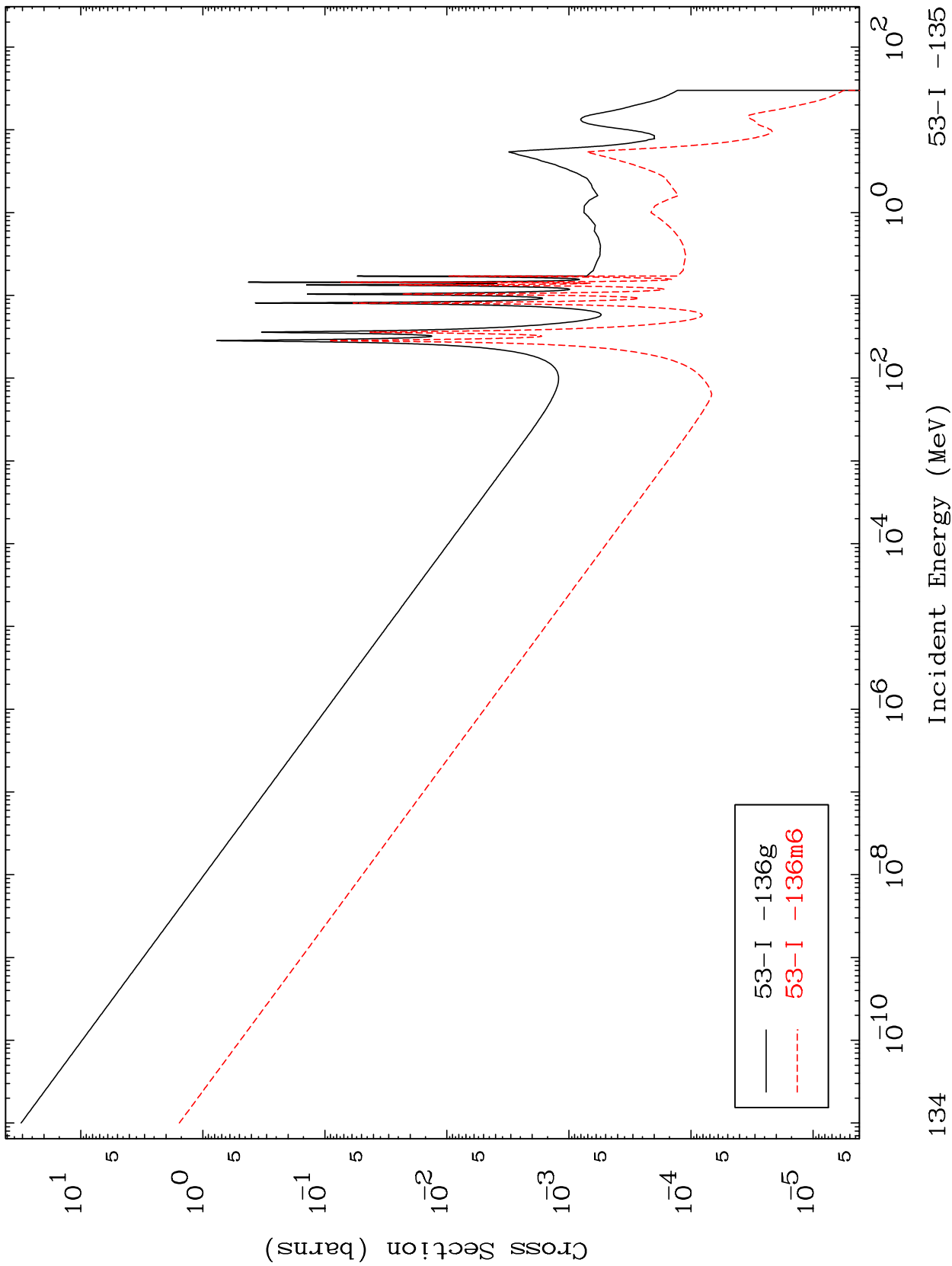
53-I -135



MAT 5349

53-I -135

(n,γ)
Radionuclide Production Cross Section



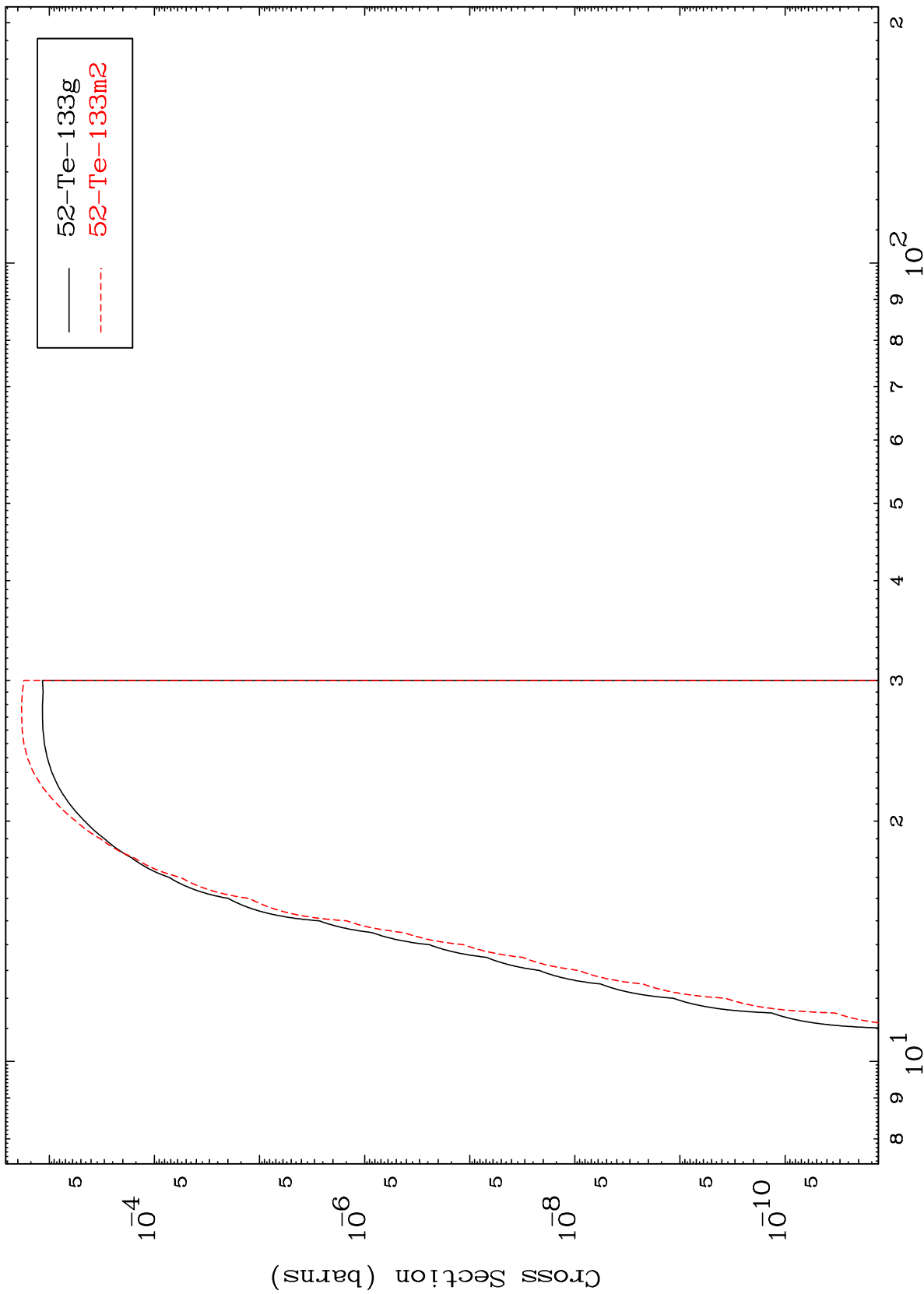
134

53-I -135

MAT 5349

53-I -135

(n,t)
Radionuclide Production Cross Section



135

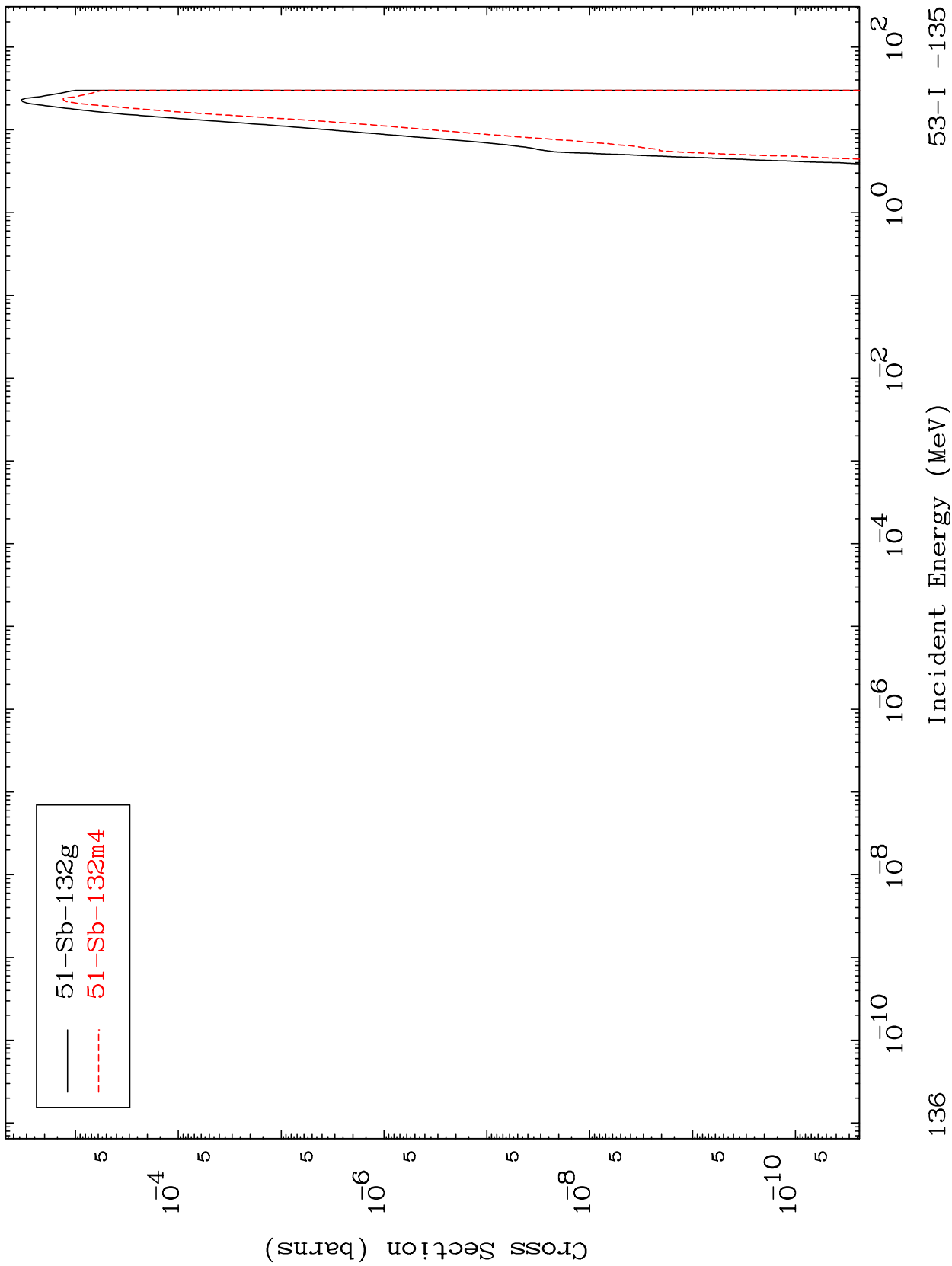
Incident Energy (MeV)

53-I -135

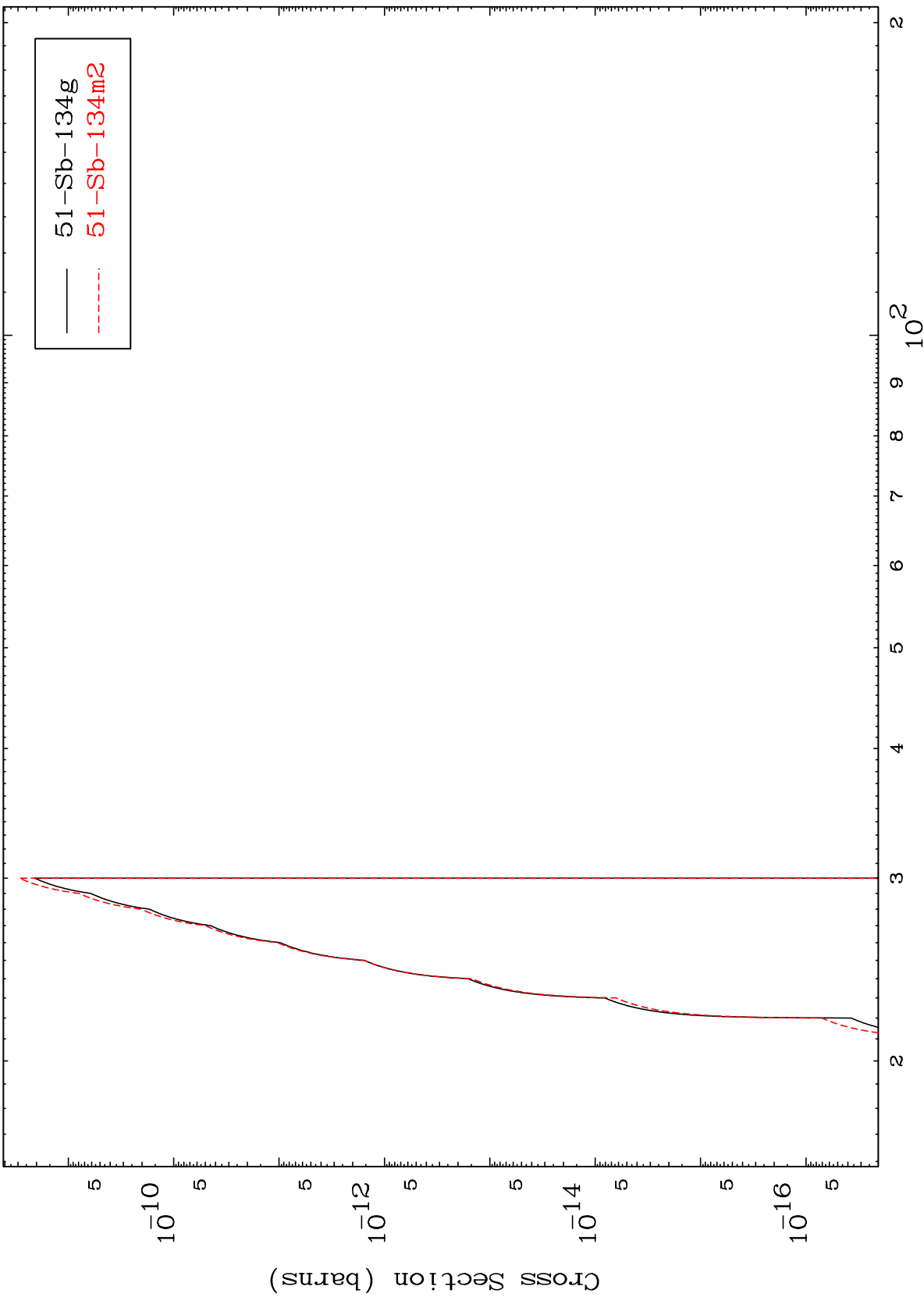
MAT 5349

53-I -135

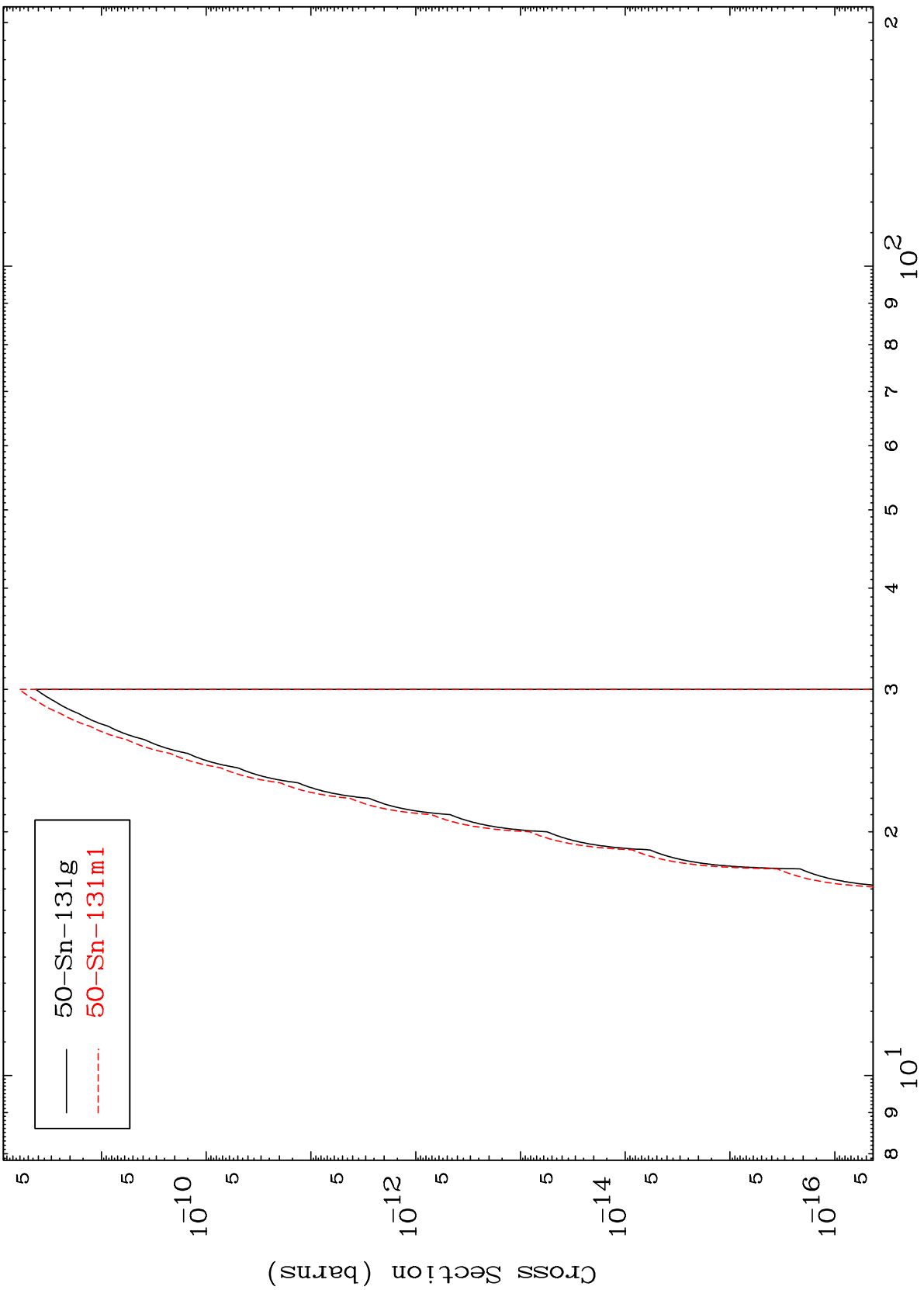
Radionuclide Production Cross Section



(n,2p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section



50-Sn-131g
50-Sn-131m1