

Program EVALPLOT
(Version 2015-2)

by

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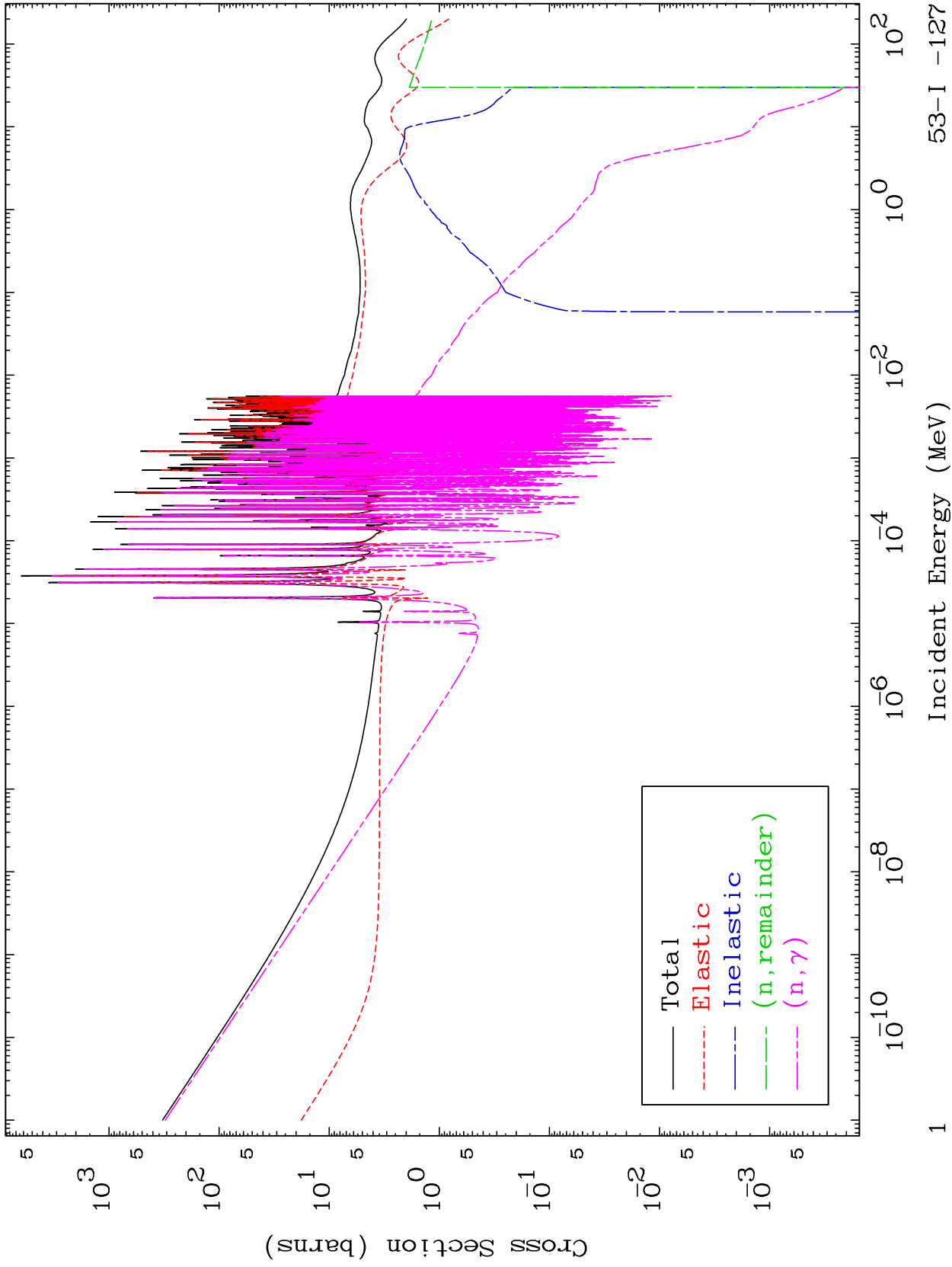
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

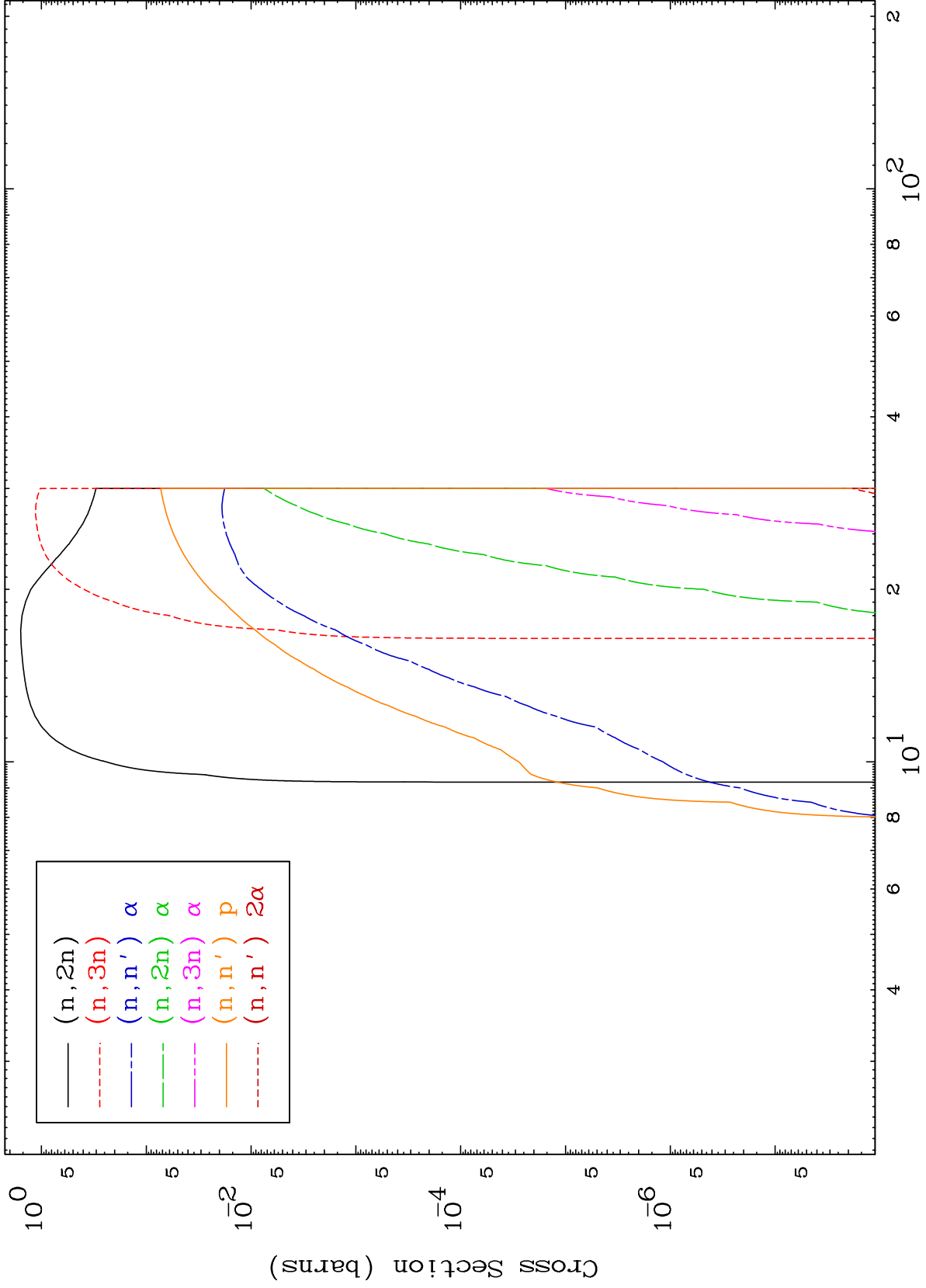
Press Mouse Button to Start

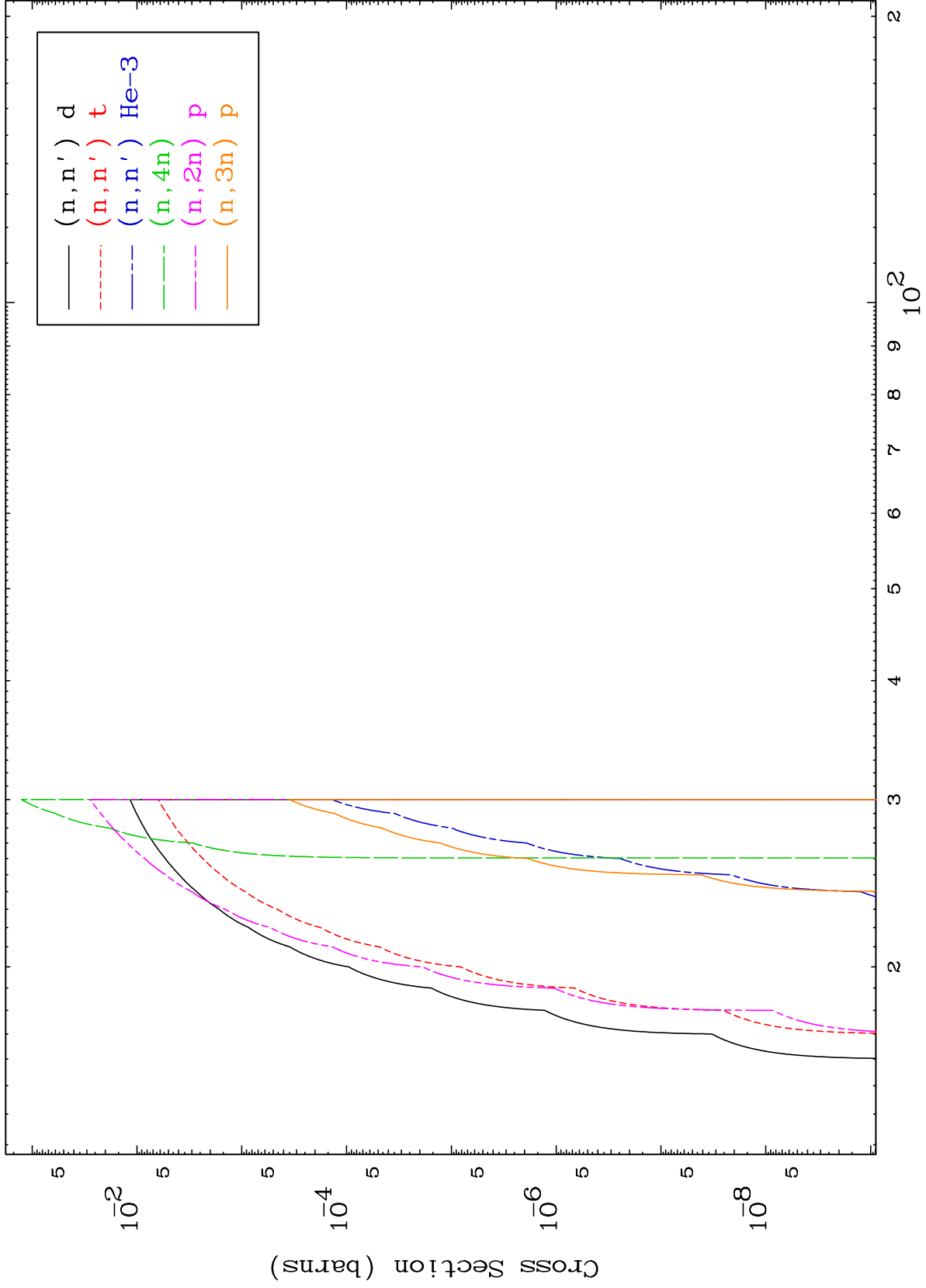
MAT 5325

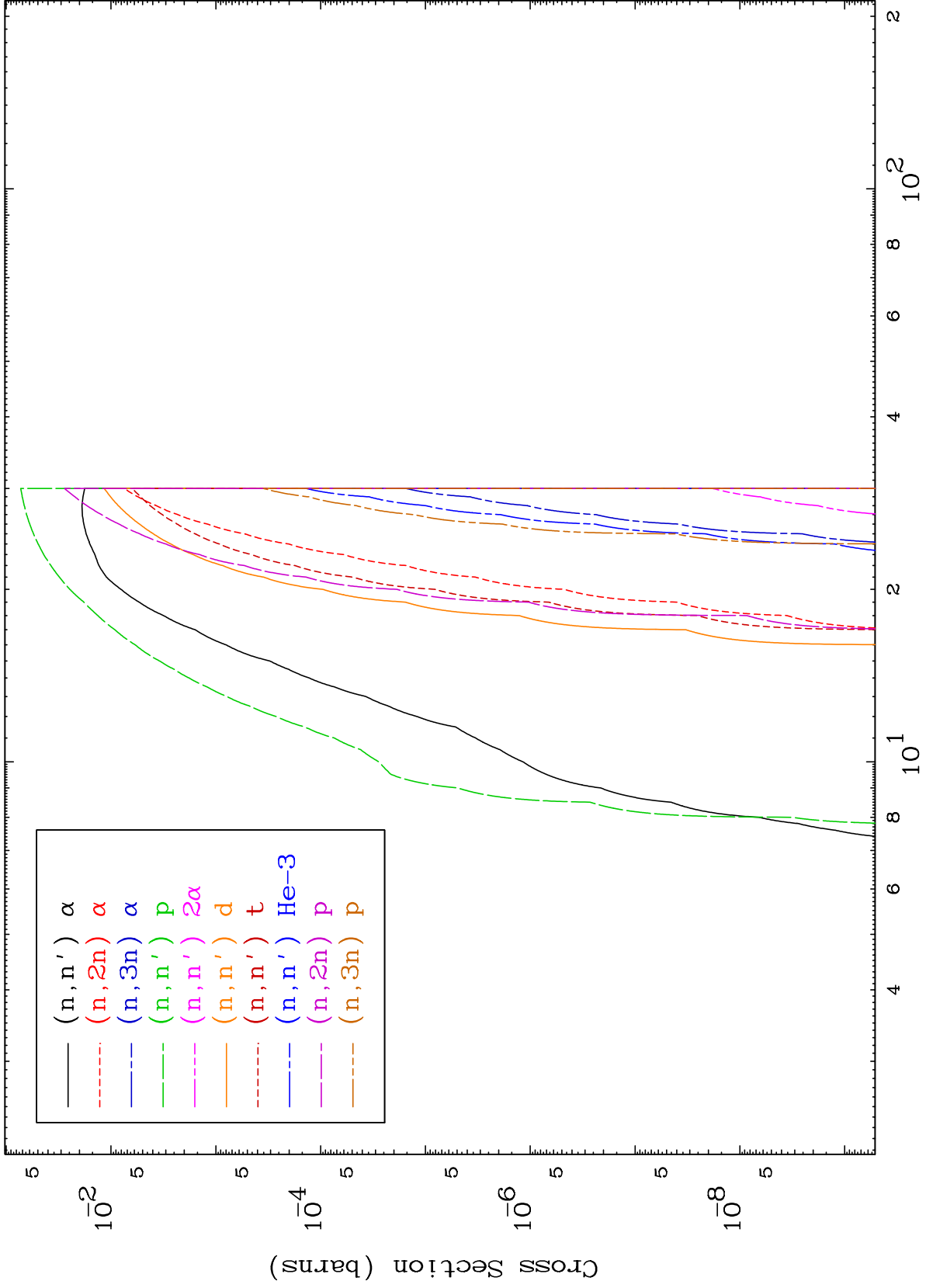
Major
293 Kelvin Cross Sections

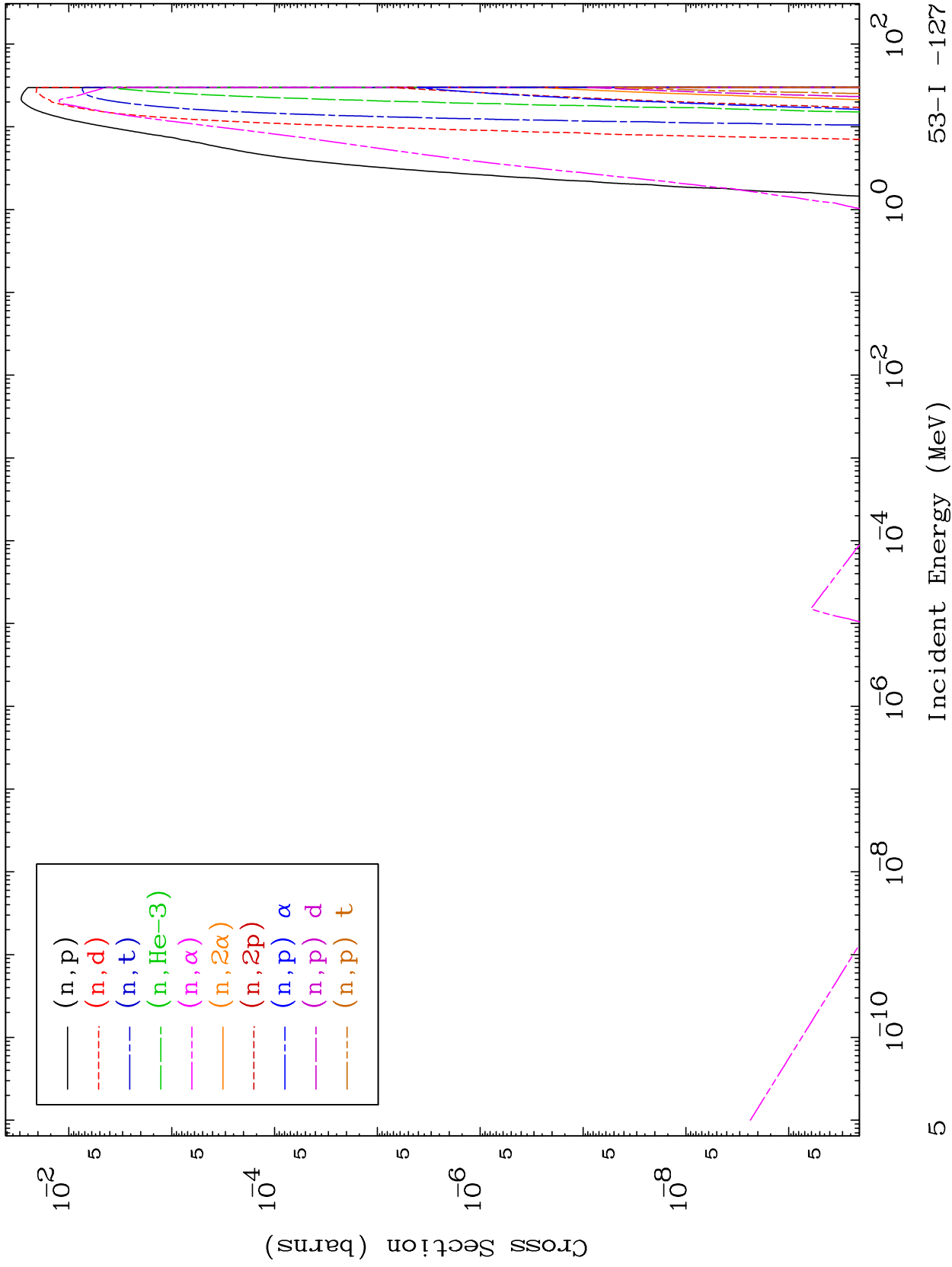
53-I -127

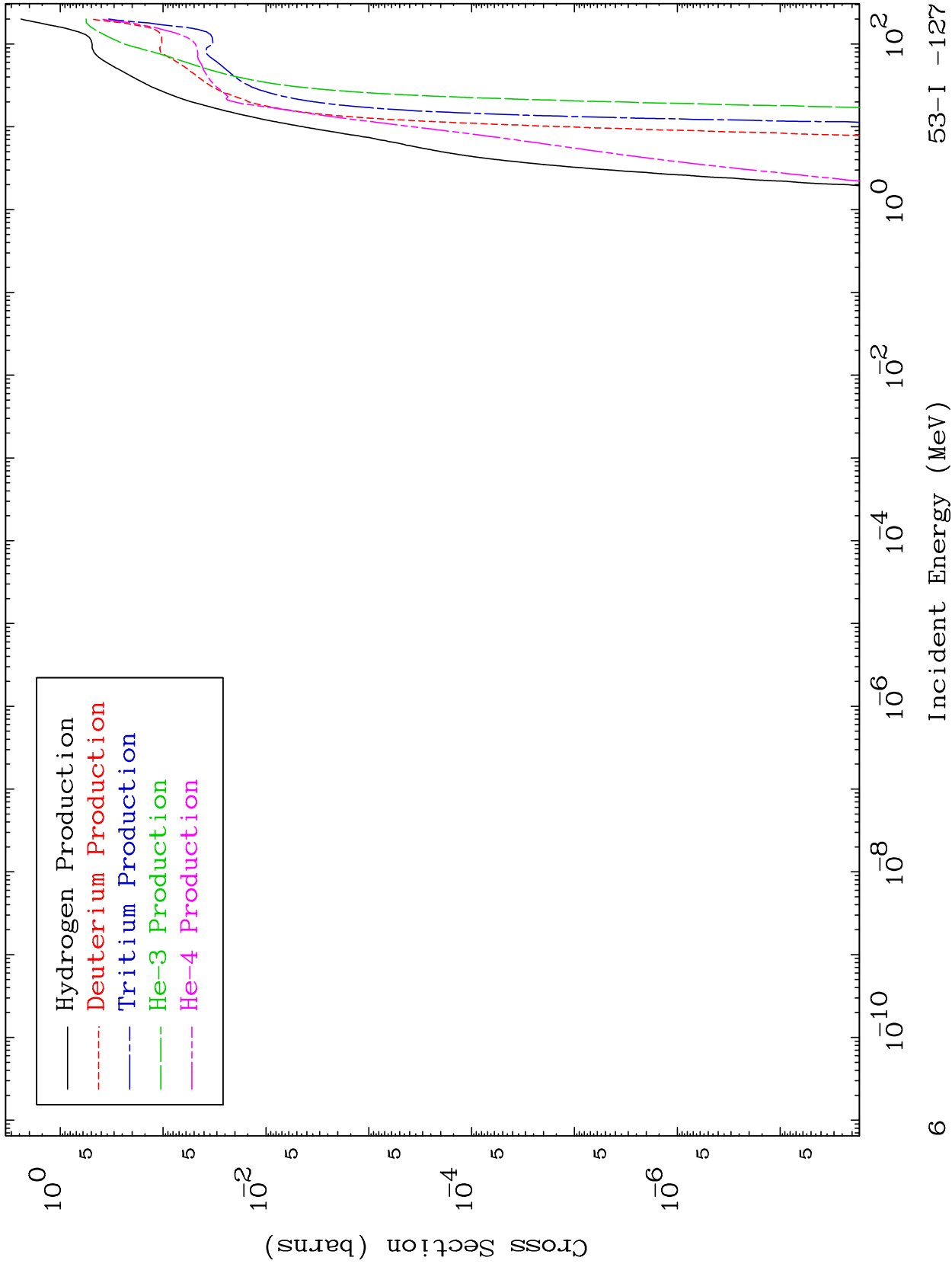








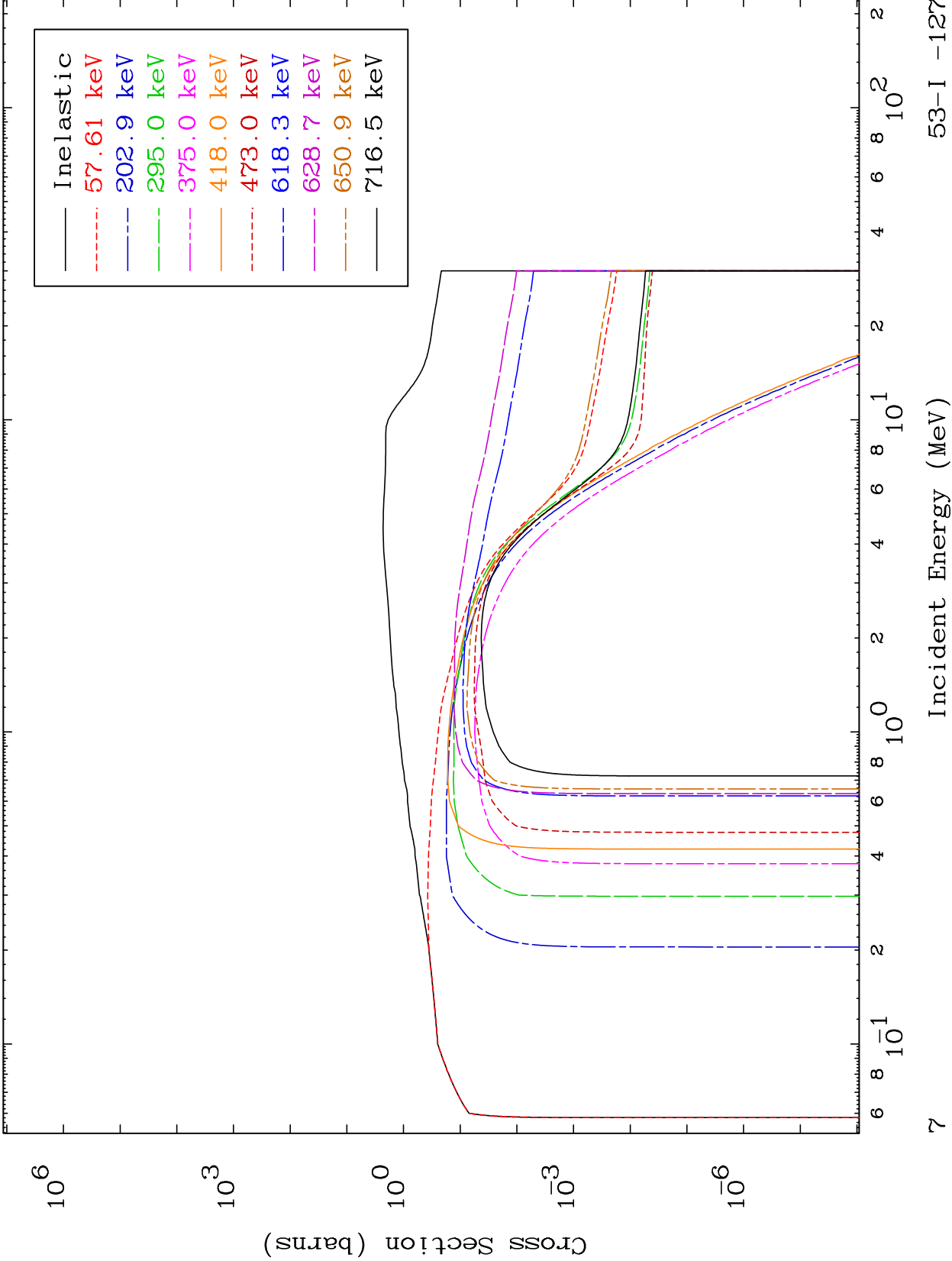




MAT 5325

(n,n') Level
293 Kelvin Cross Sections

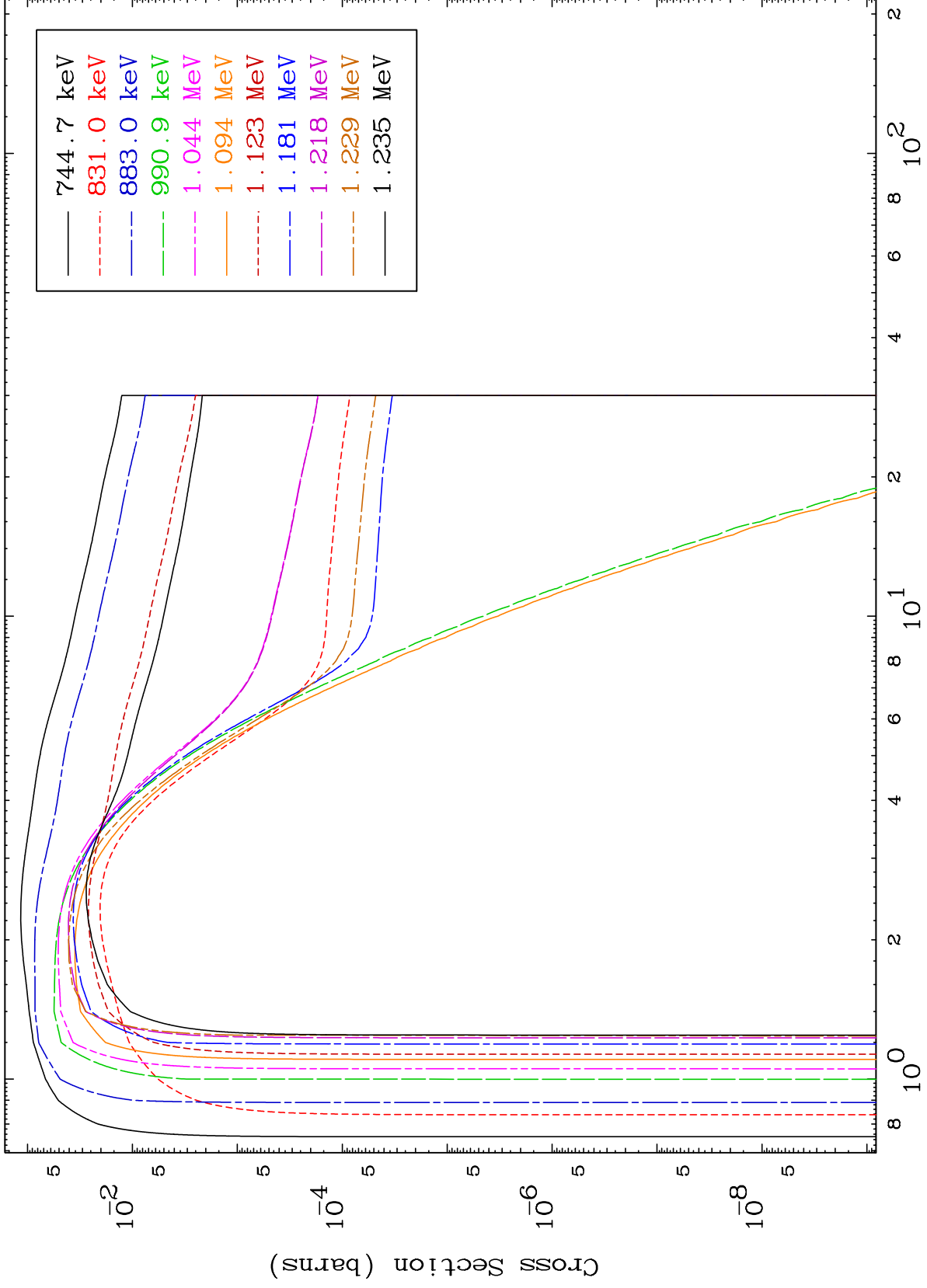
53-I -127



MAT 5325

(n,n') Level
293 Kelvin Cross Sections

53-I -127

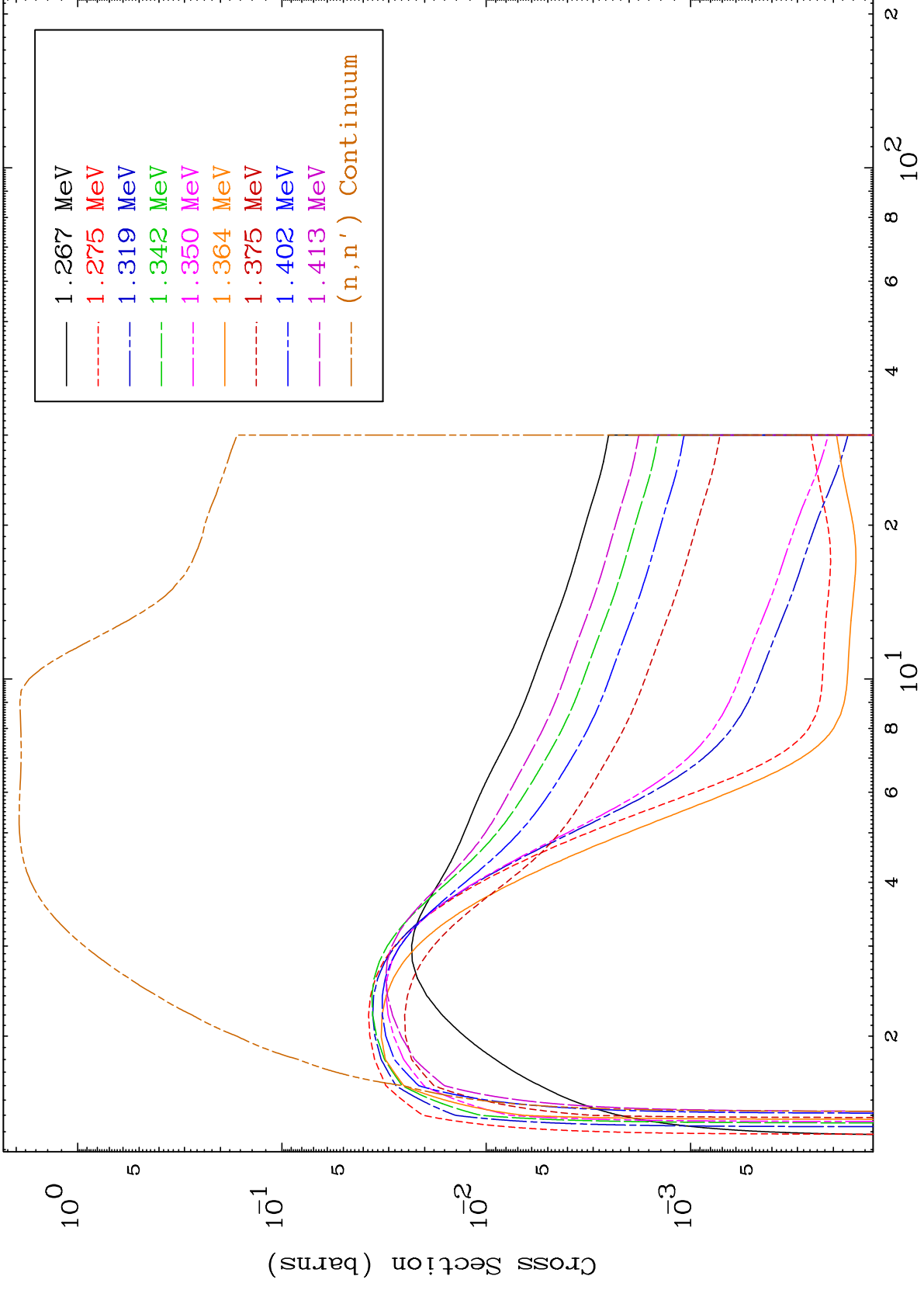


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Incident Energy (MeV)

53-I -127

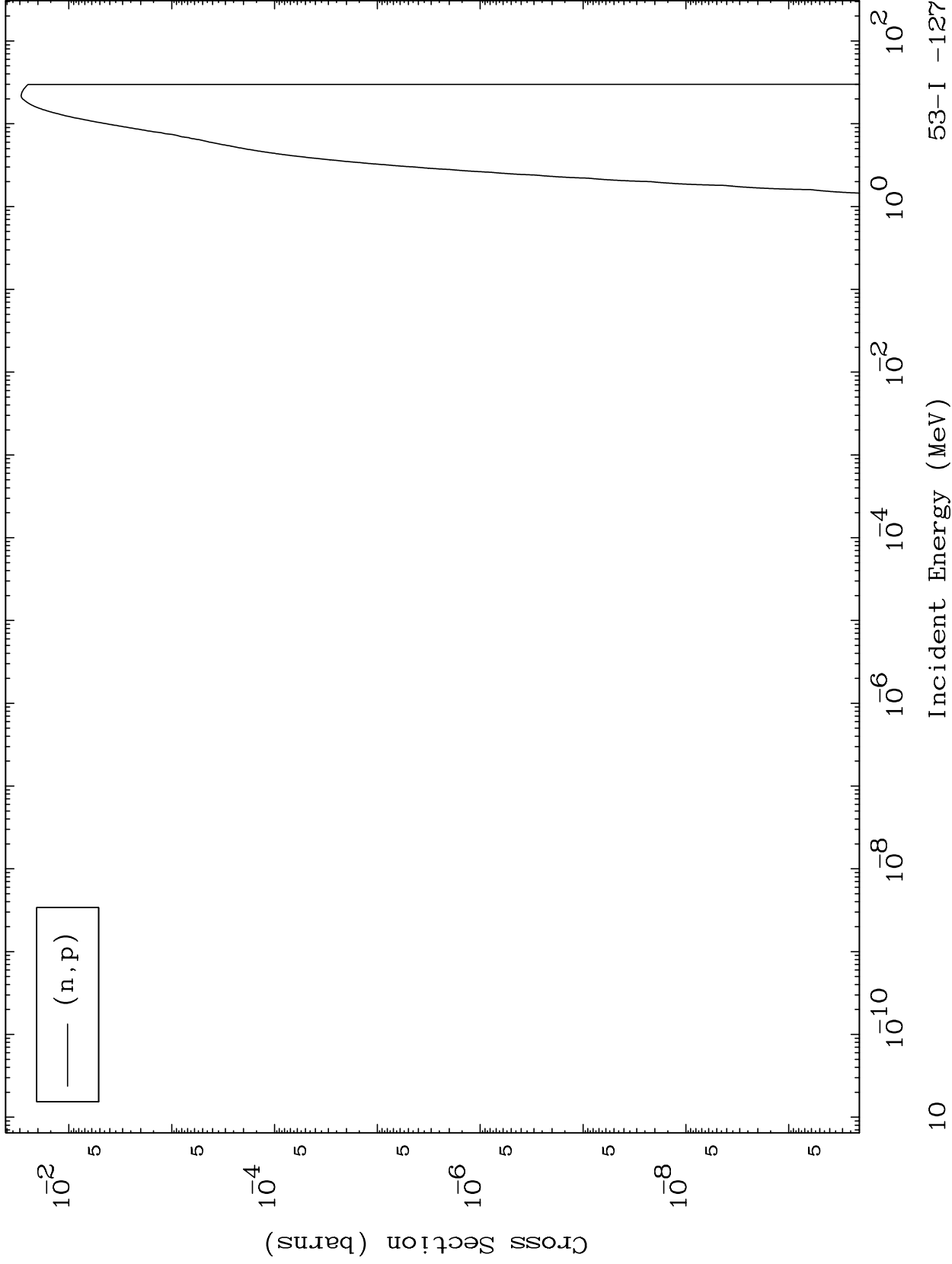
293 Kelvin Cross Sections



MAT 5325

(n,p) Levels
293 Kelvin Cross Sections

53-I -127



10

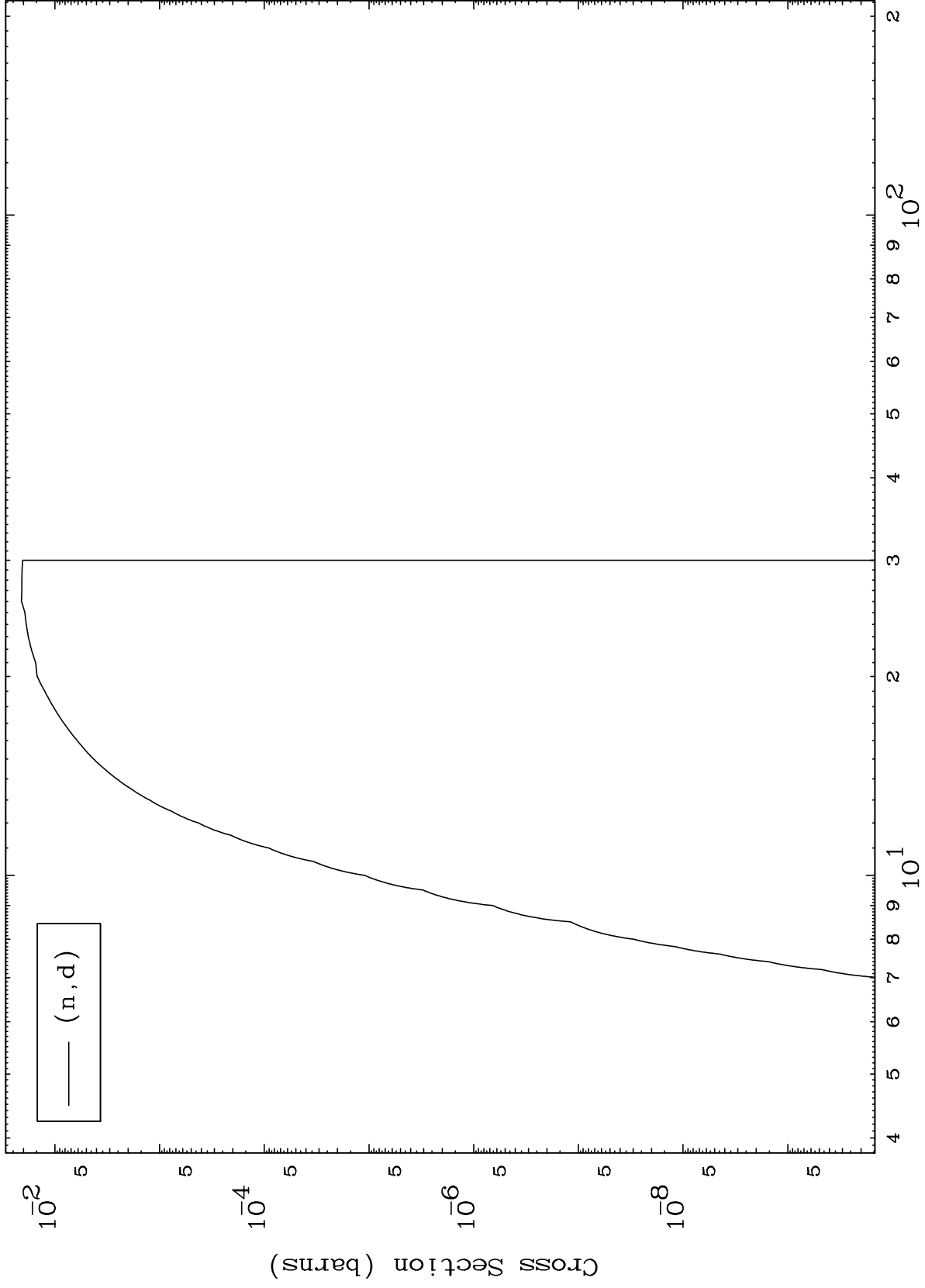
Incident Energy (MeV)

53-I -127

MAT 5325

(n,d) Levels
293 Kelvin Cross Sections

53-I -127



11

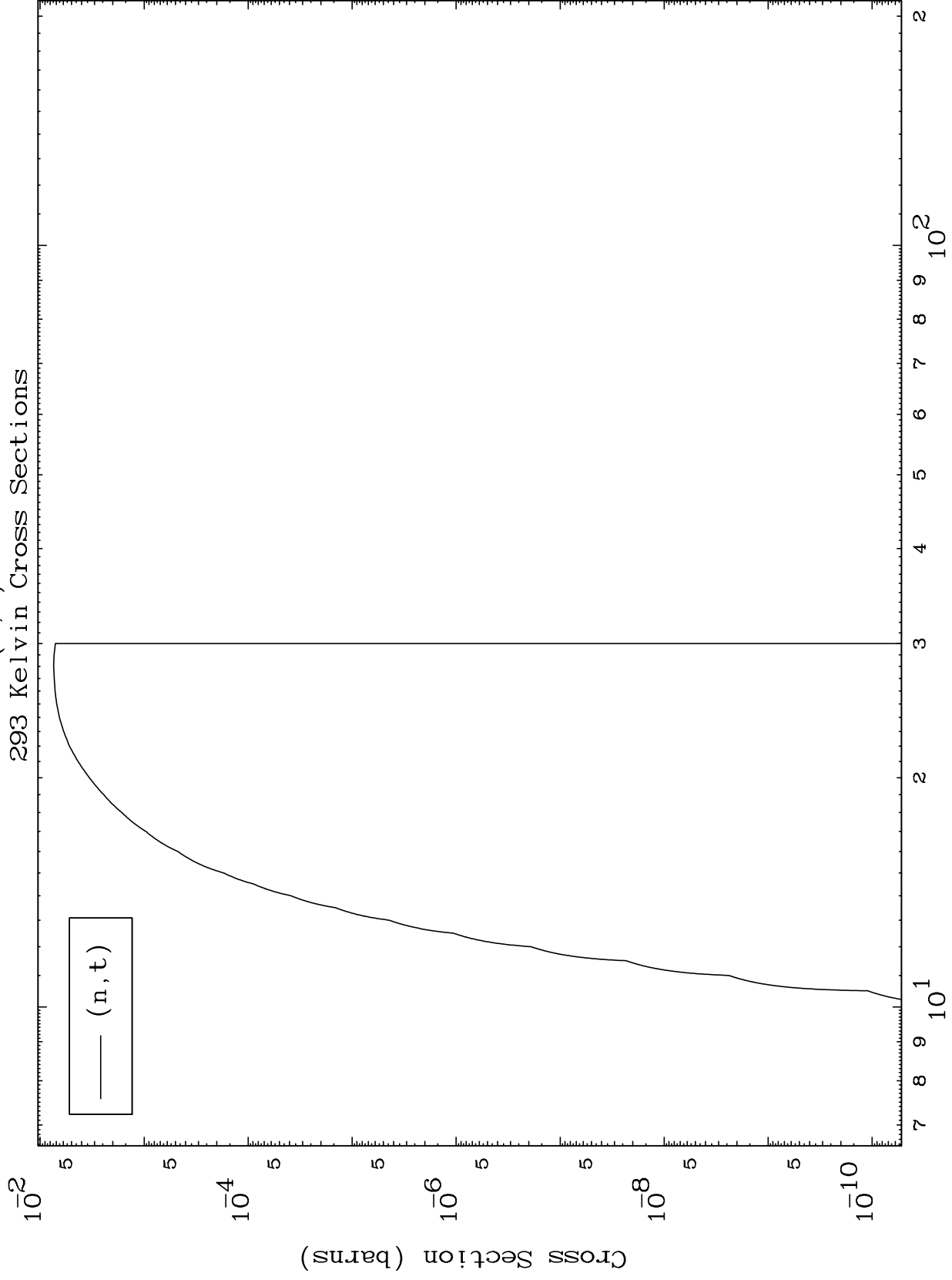
Incident Energy (MeV)

53-I -127

MAT 5325

(n,t) Levels
293 Kelvin Cross Sections

53-I -127



12

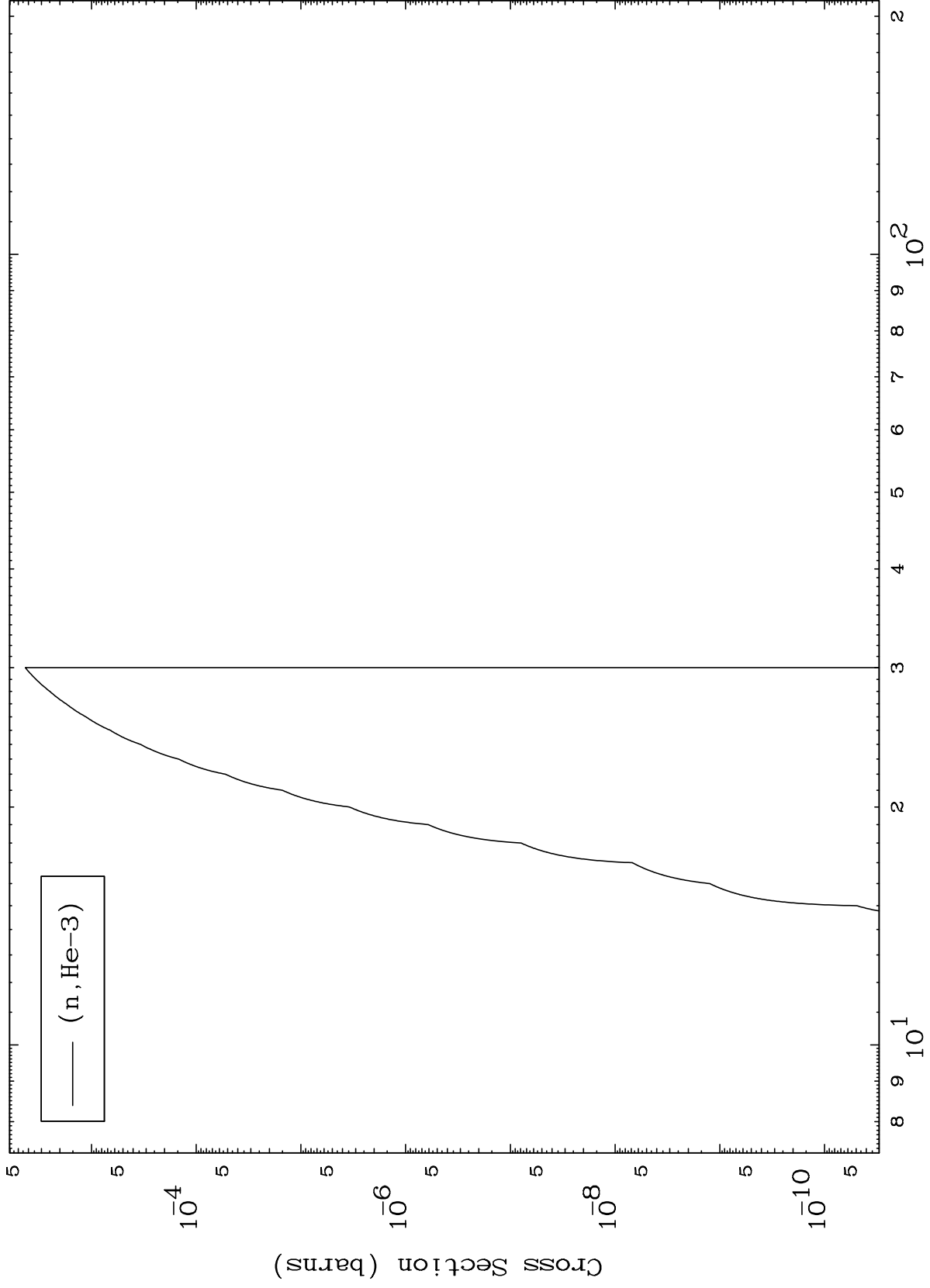
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53-I -127

MAT 5325

(n,He3) Levels
293 Kelvin Cross Sections

53-I -127



13

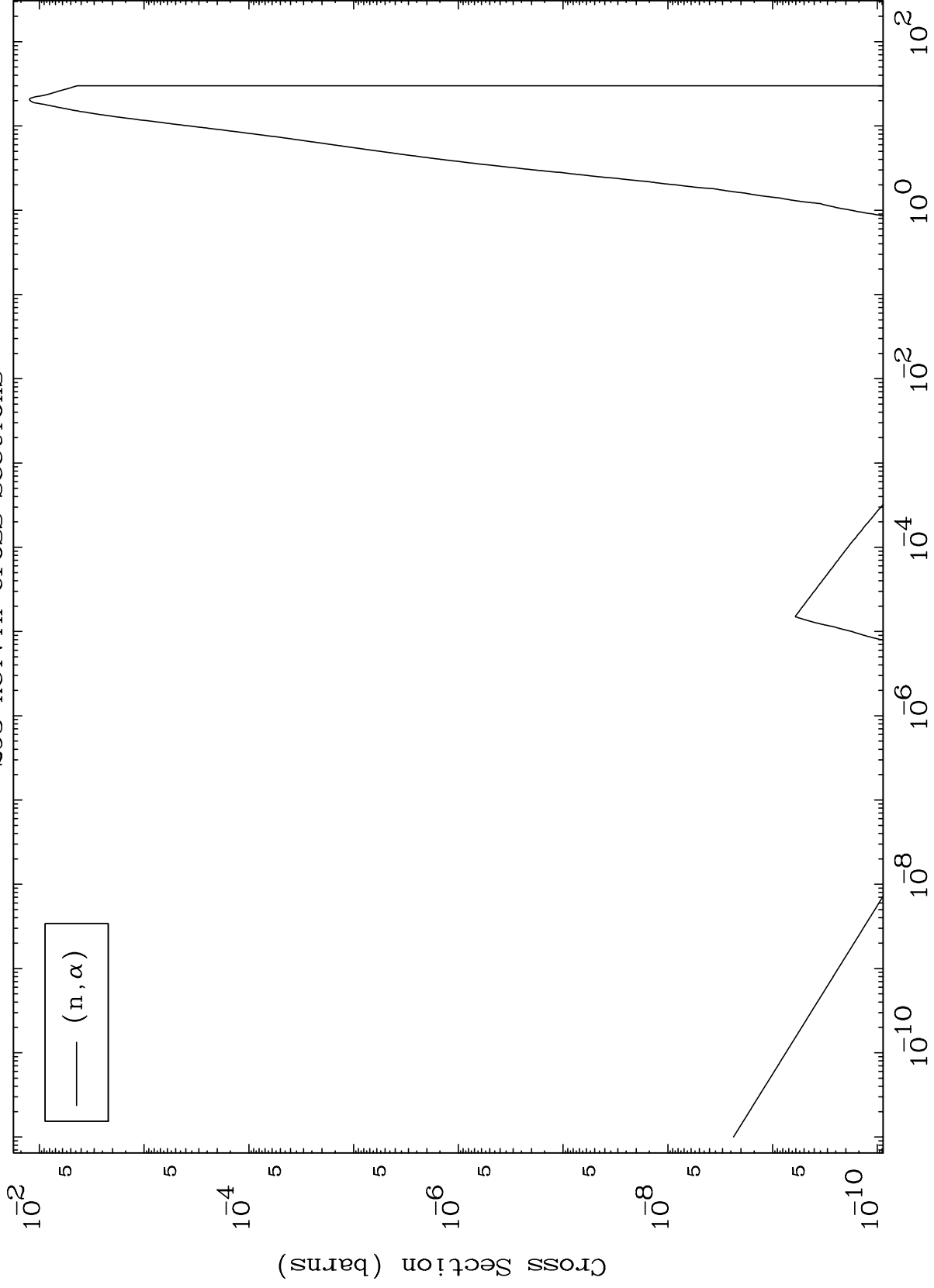
Incident Energy (MeV)

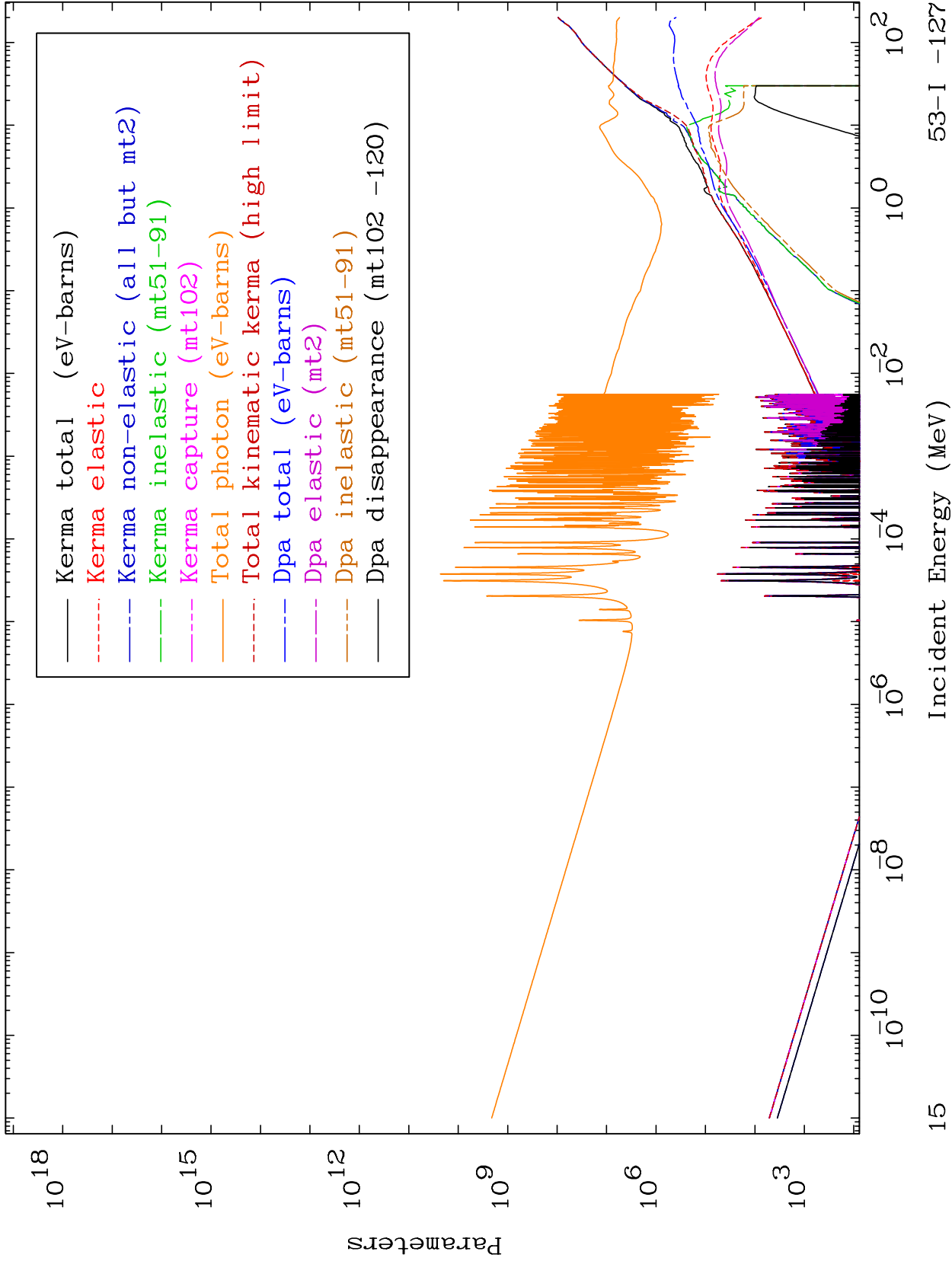
53-I -127

MAT 5325

(n, α) Levels
293 Kelvin Cross Sections

53-I -127

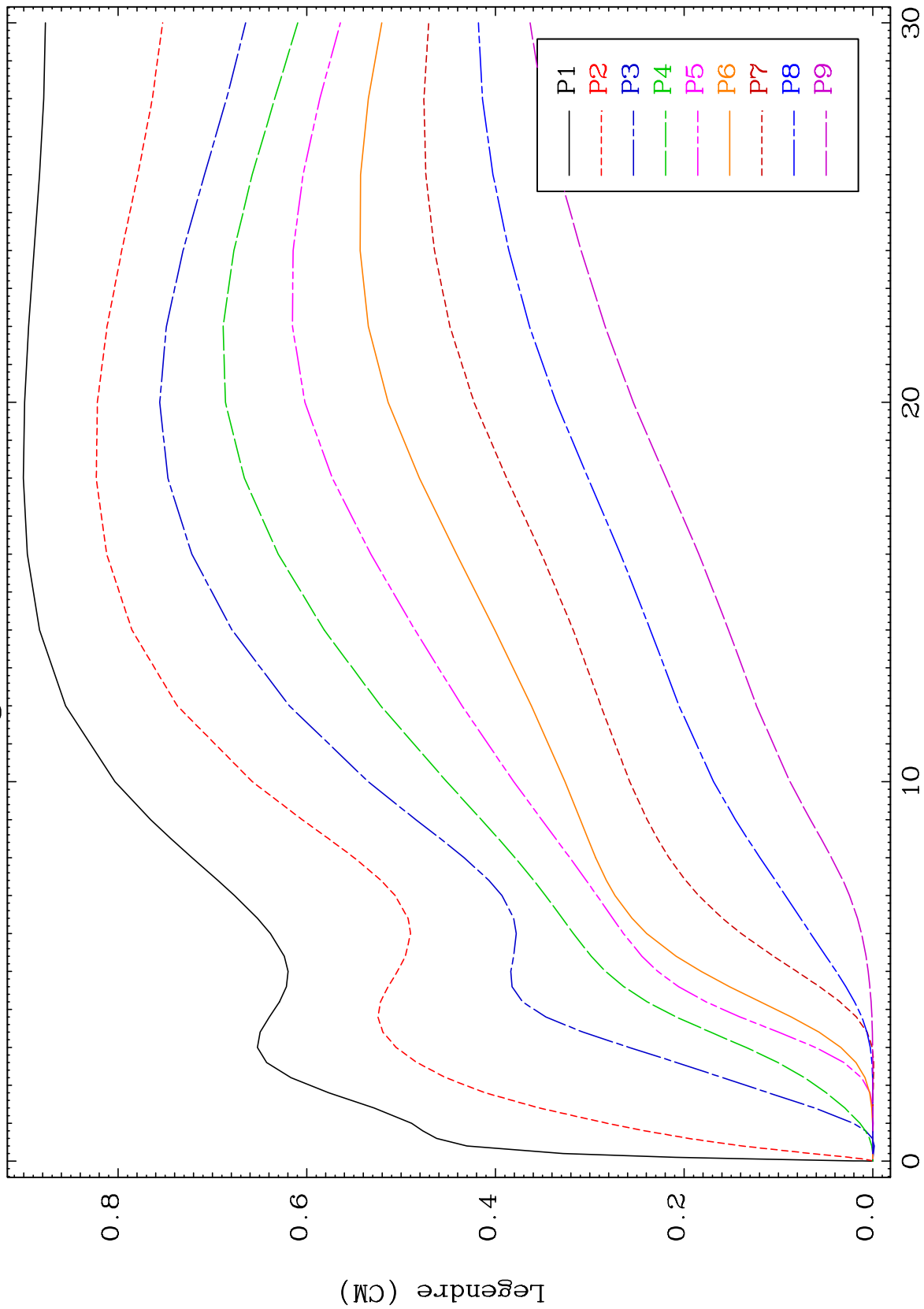




MAT 5325

Elastic Legendre Coefficients

53-I -127



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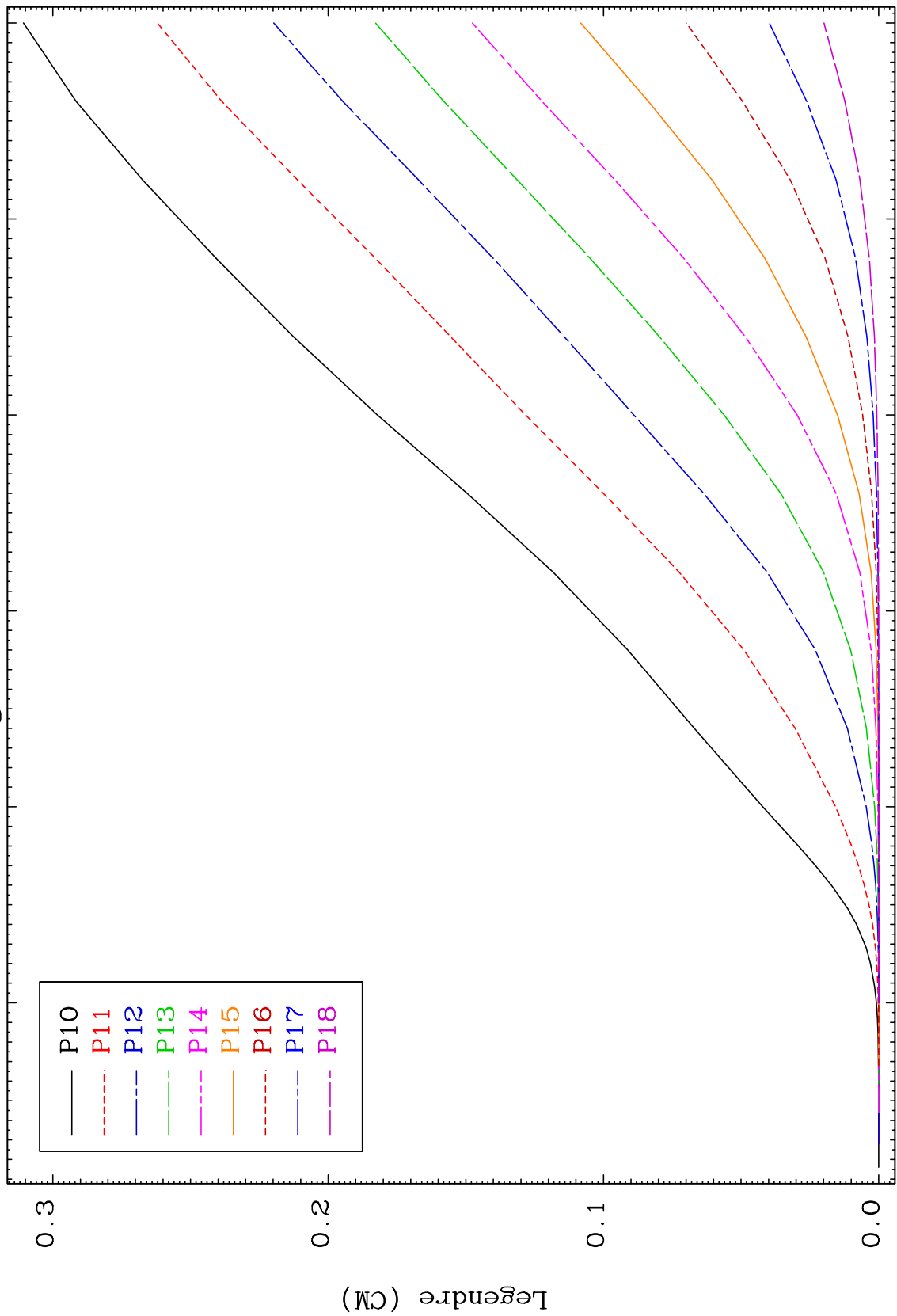
Incident Energy (MeV)

53-I -127

MAT 5325

Elastic Legendre Coefficients

53-I -127



17

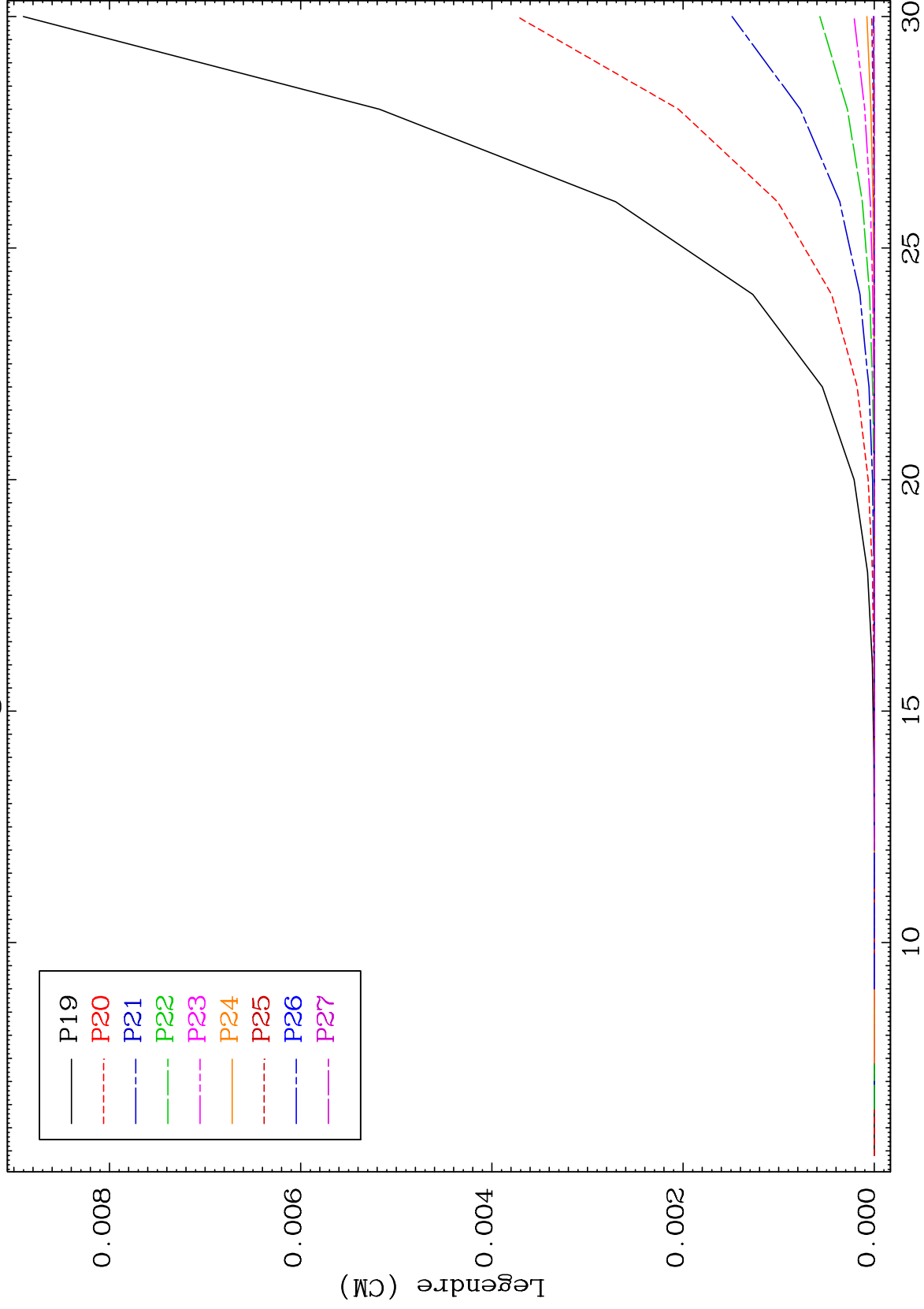
Incident Energy (MeV)

53-I -127

MAT 5325

Elastic Legendre Coefficients

53-I -127



18

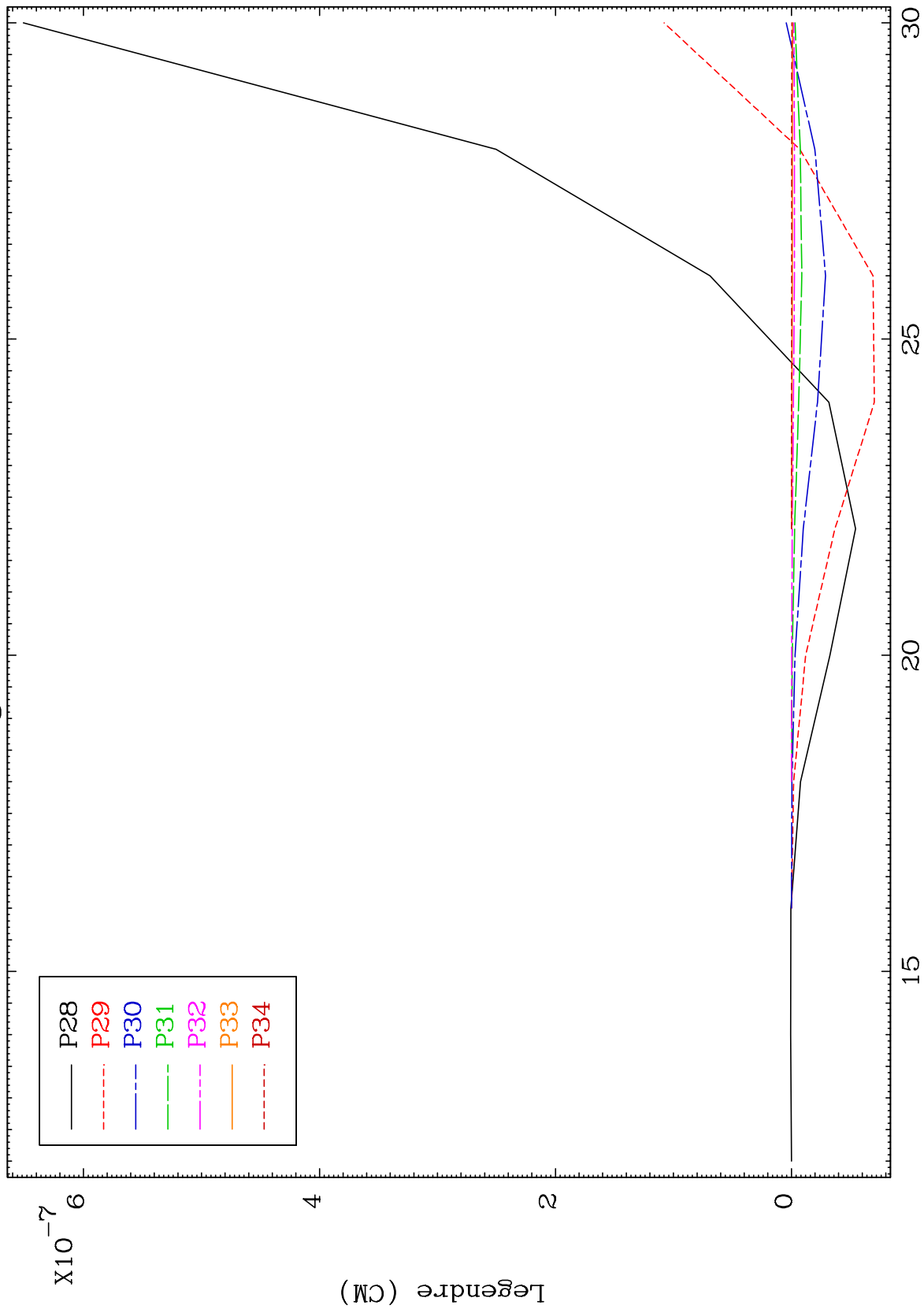
Incident Energy (MeV)

53-I -127

MAT 5325

Elastic Legendre Coefficients

53-I -127



19

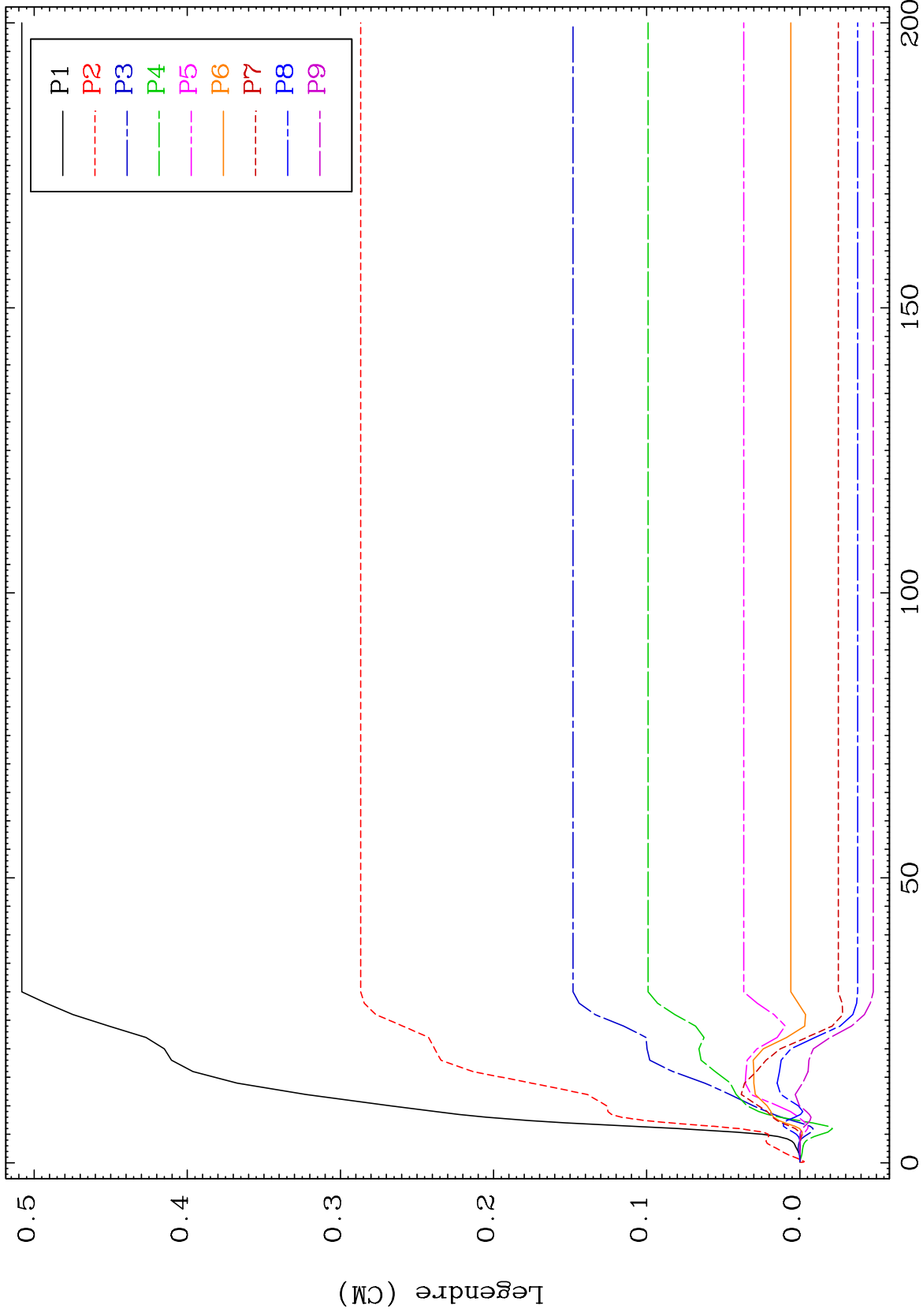
Incident Energy (MeV)

53-I -127

MAT 5325

57.61 keV (n,n') Level
Legendre Coefficients

53-I -127



0

50

100

150

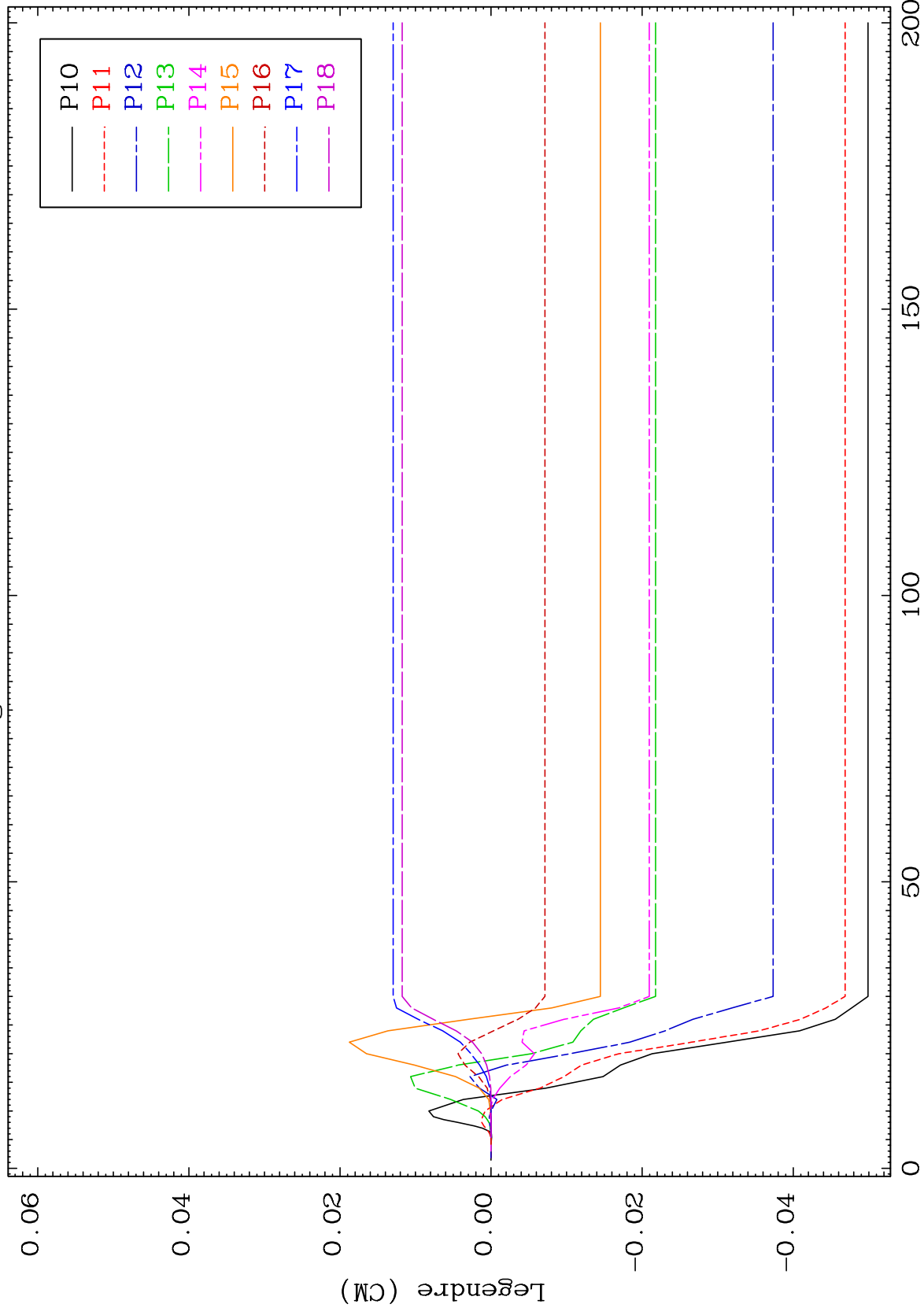
200

53-I -127

MAT 5325

57.61 keV (n,n') Level
Legendre Coefficients

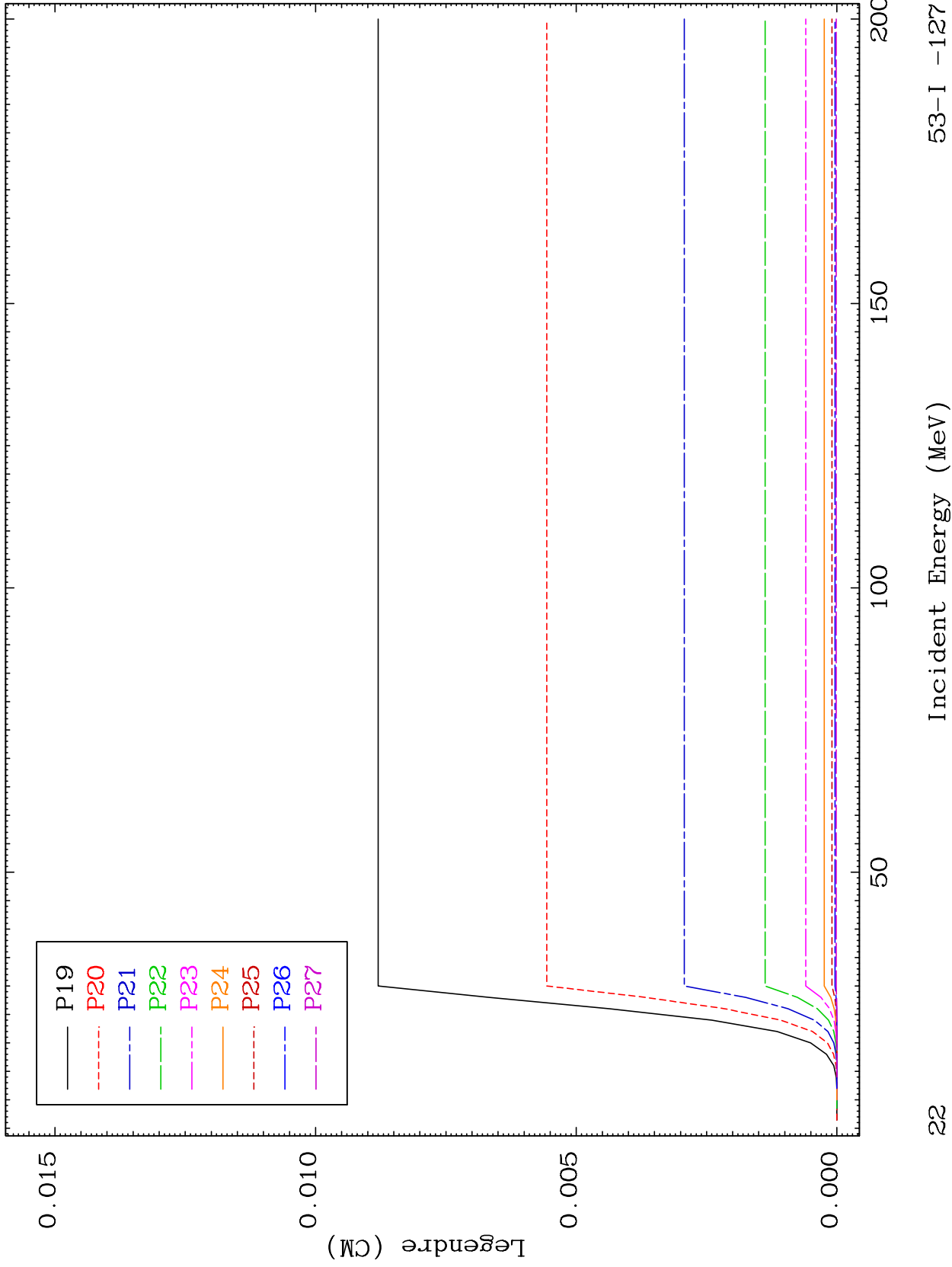
53-I -127



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Incident Energy (MeV)

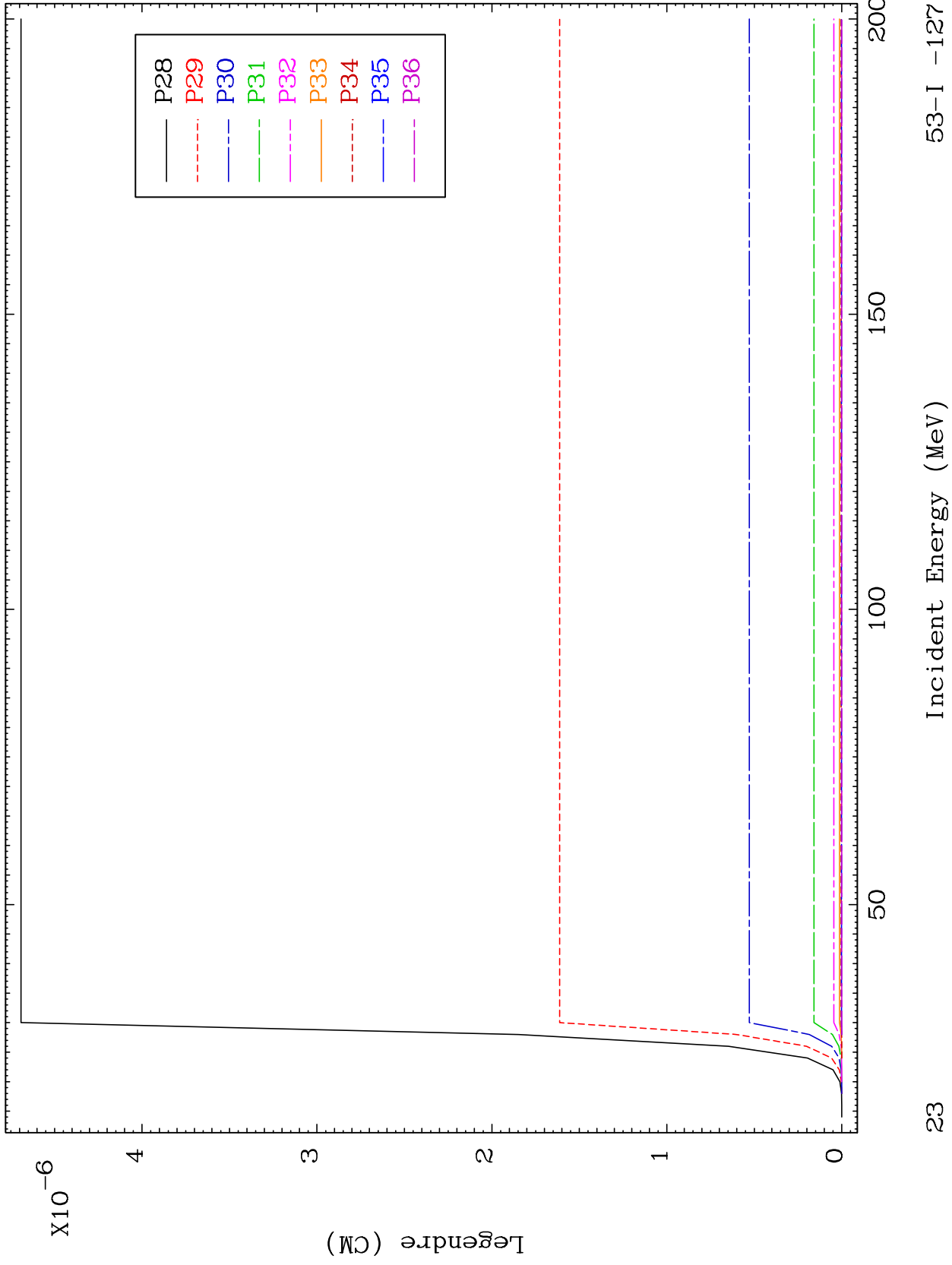
53-I -127



MAT 5325

57.61 keV (n,n') Level
Legendre Coefficients

53-I -127



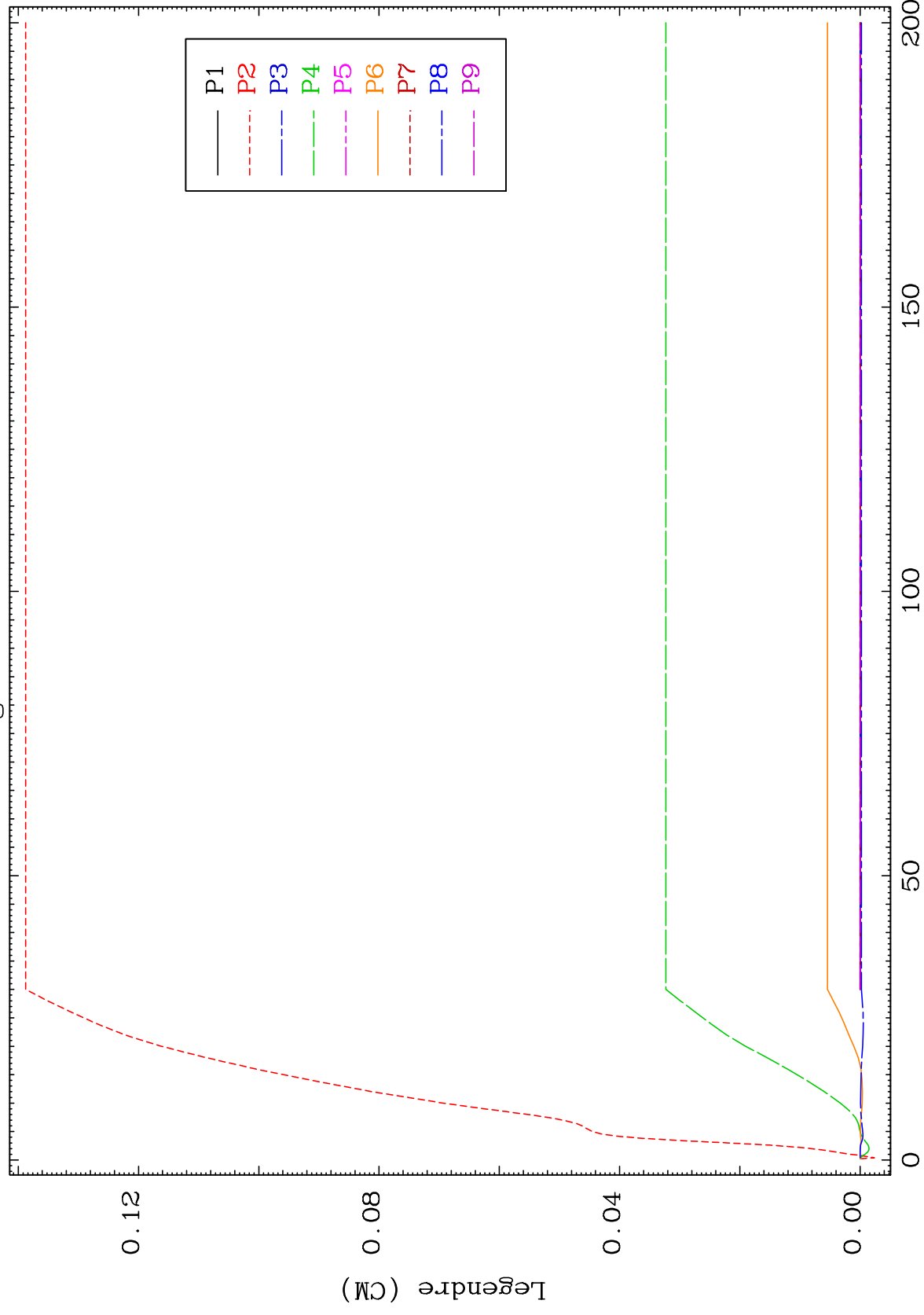
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53-I -127

MAT 5325

202.9 keV (n,n') Level
Legendre Coefficients

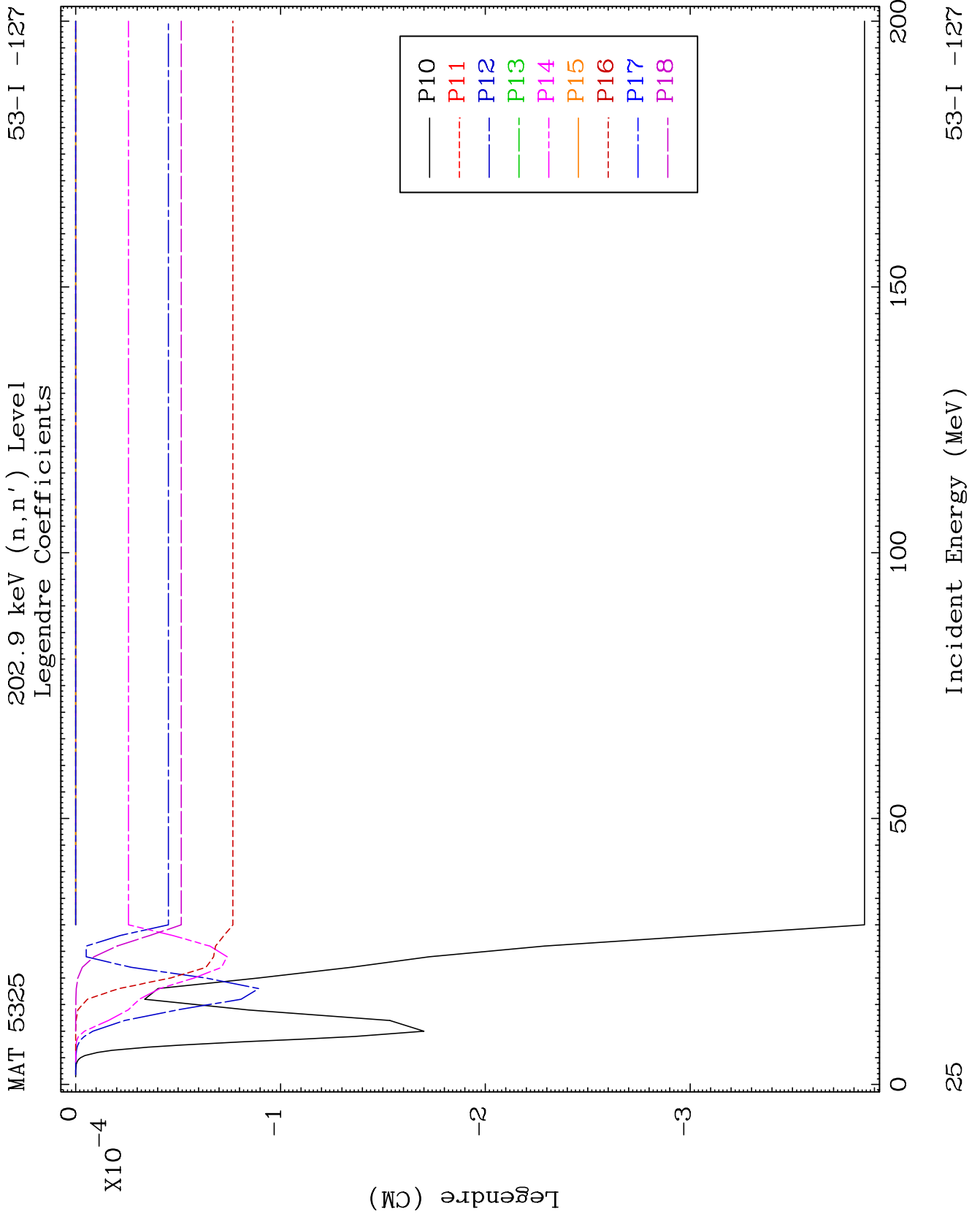
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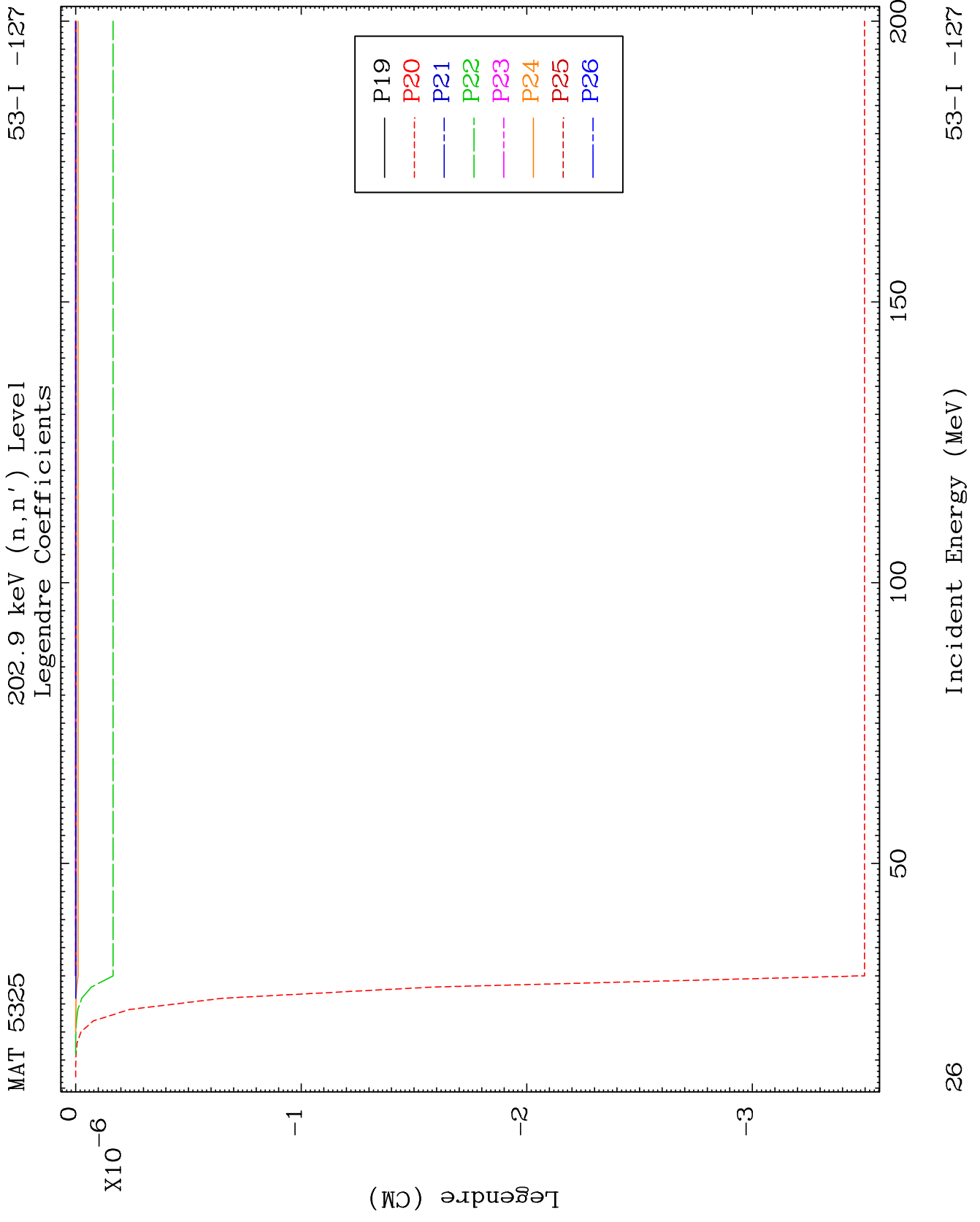


24

Incident Energy (MeV)

53-I -127

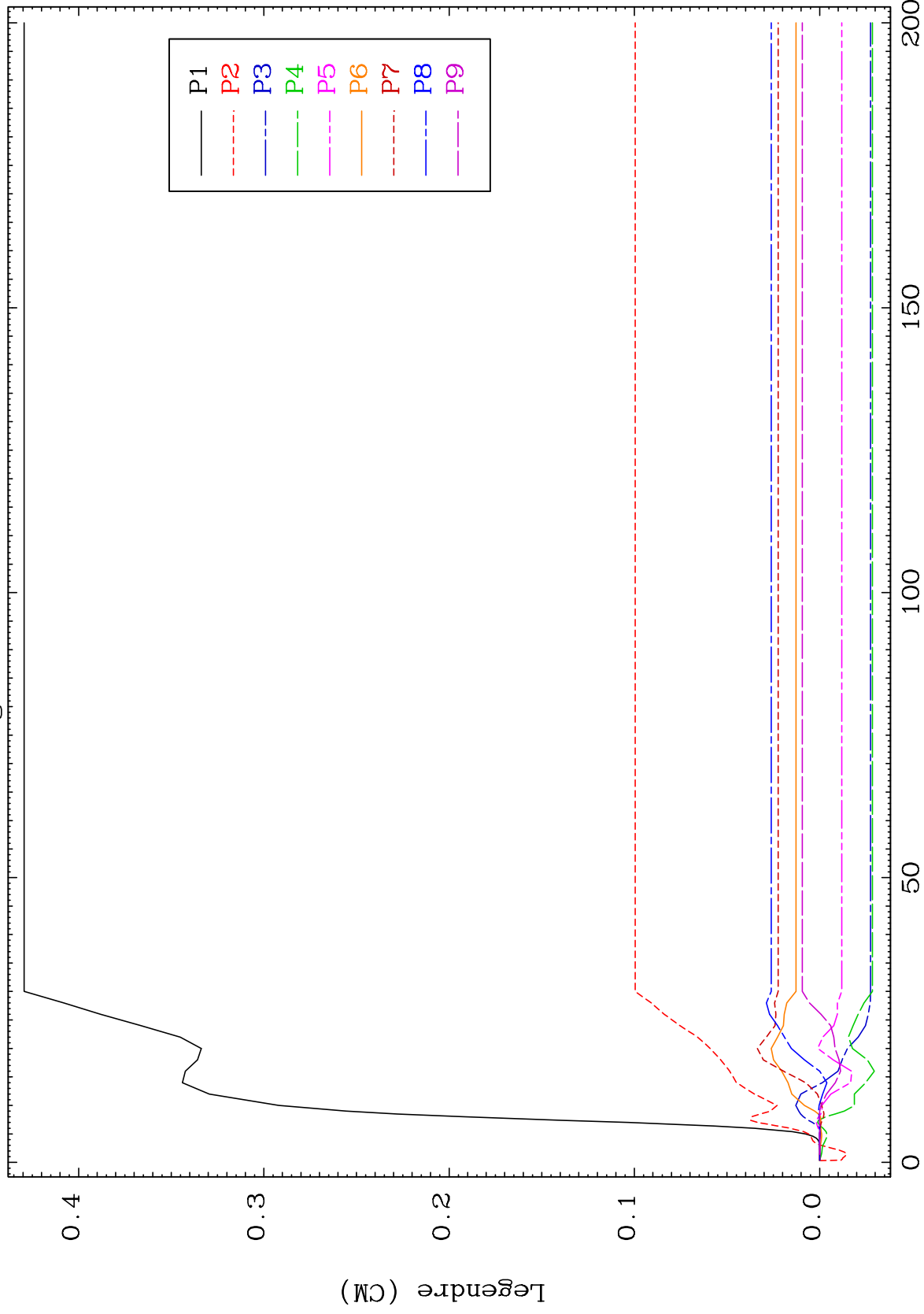




MAT 5325

295.0 keV (n,n') Level
Legendre Coefficients

53-I -127



27

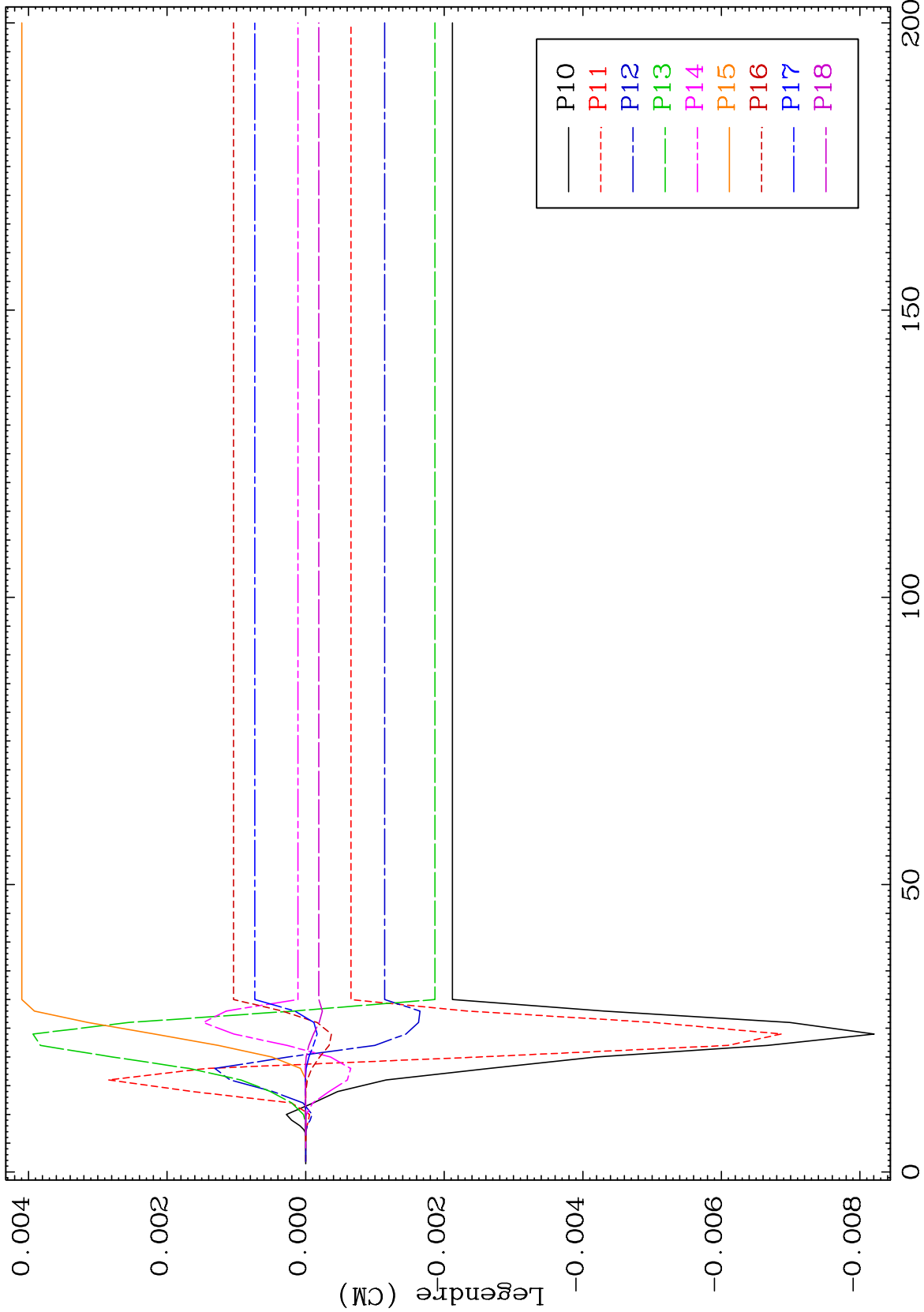
Incident Energy (MeV)

53-I -127

MAT 5325

295.0 keV (n,n') Level
Legendre Coefficients

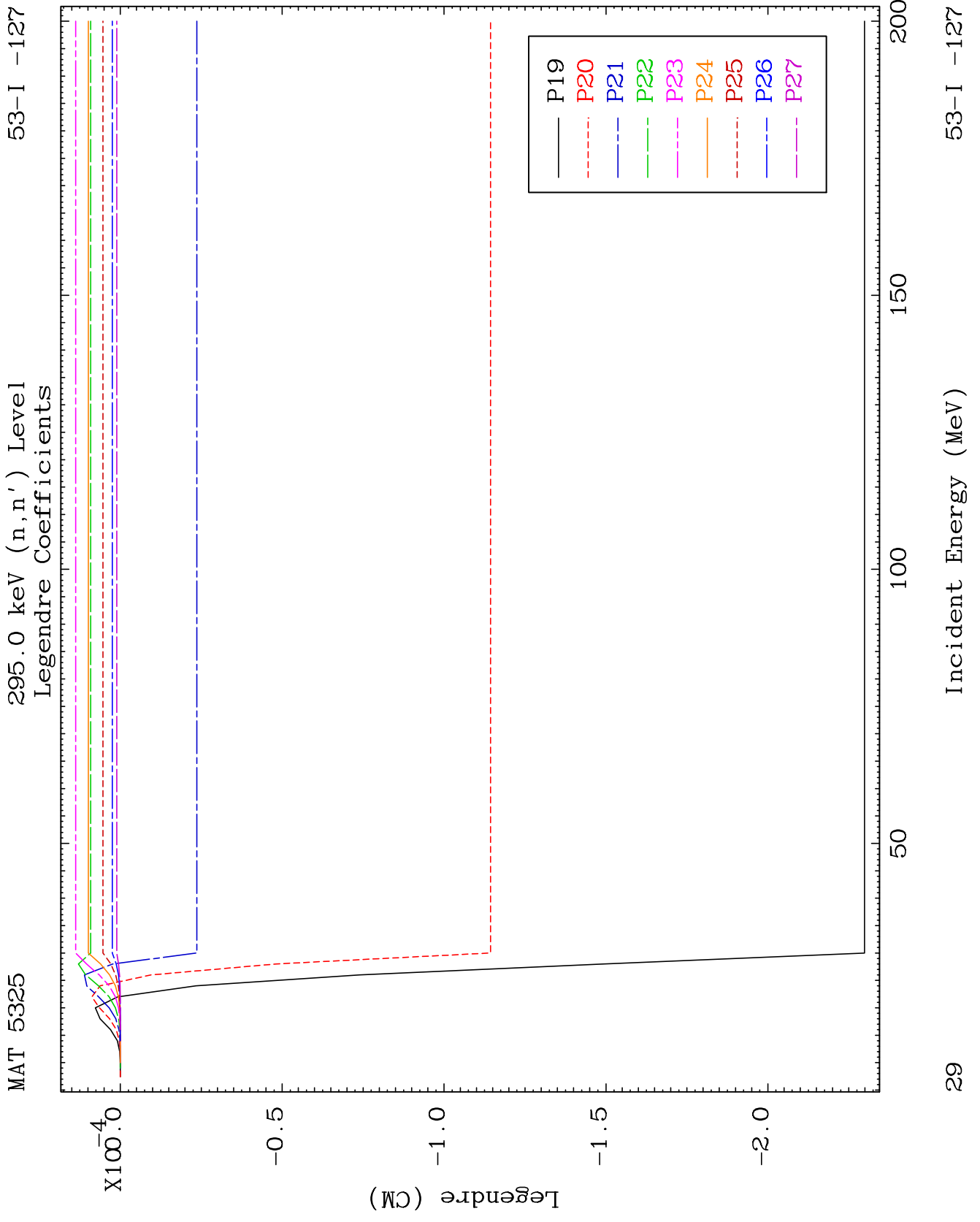
53-I -127



28

Incident Energy (MeV)

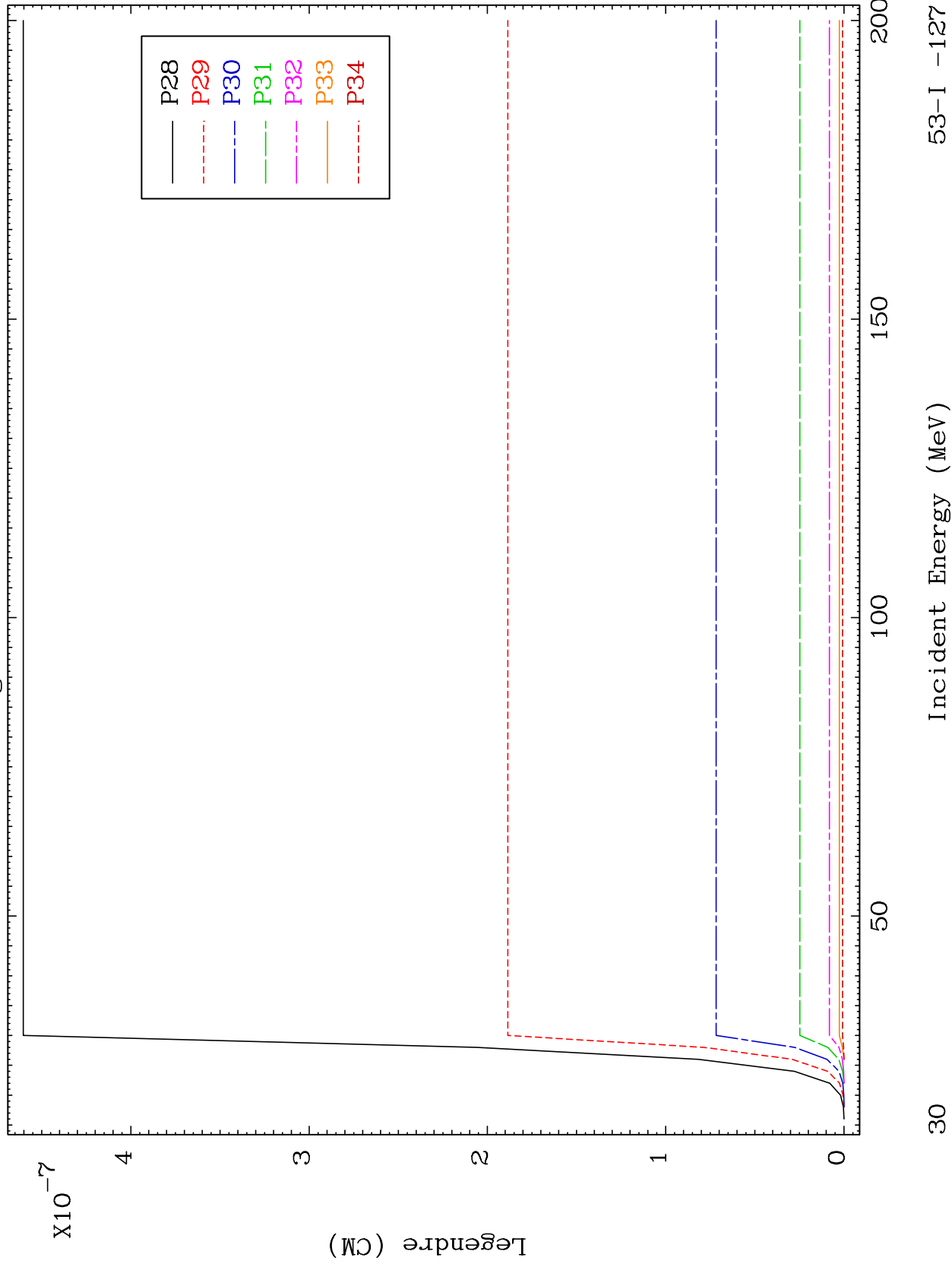
53-I -127

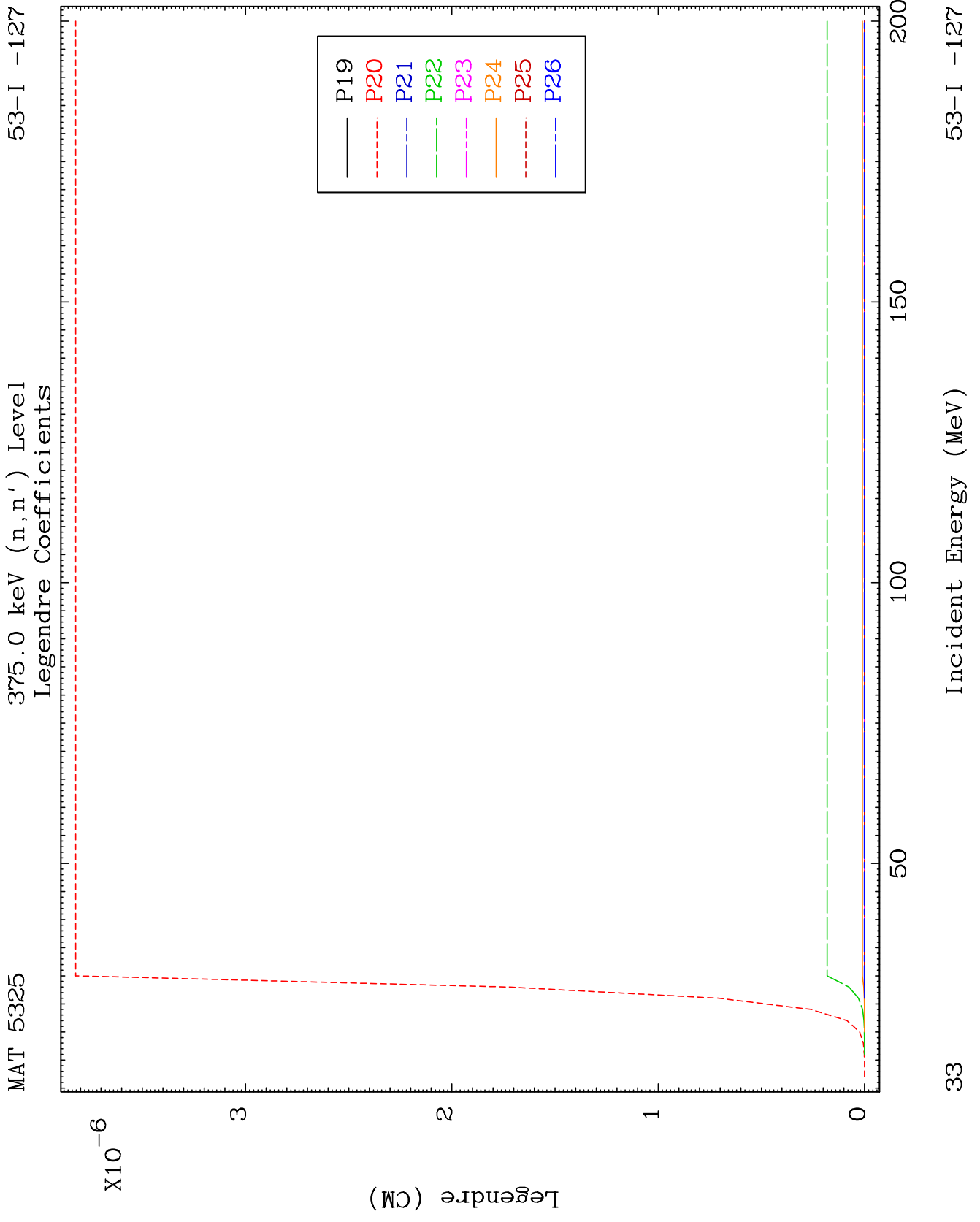


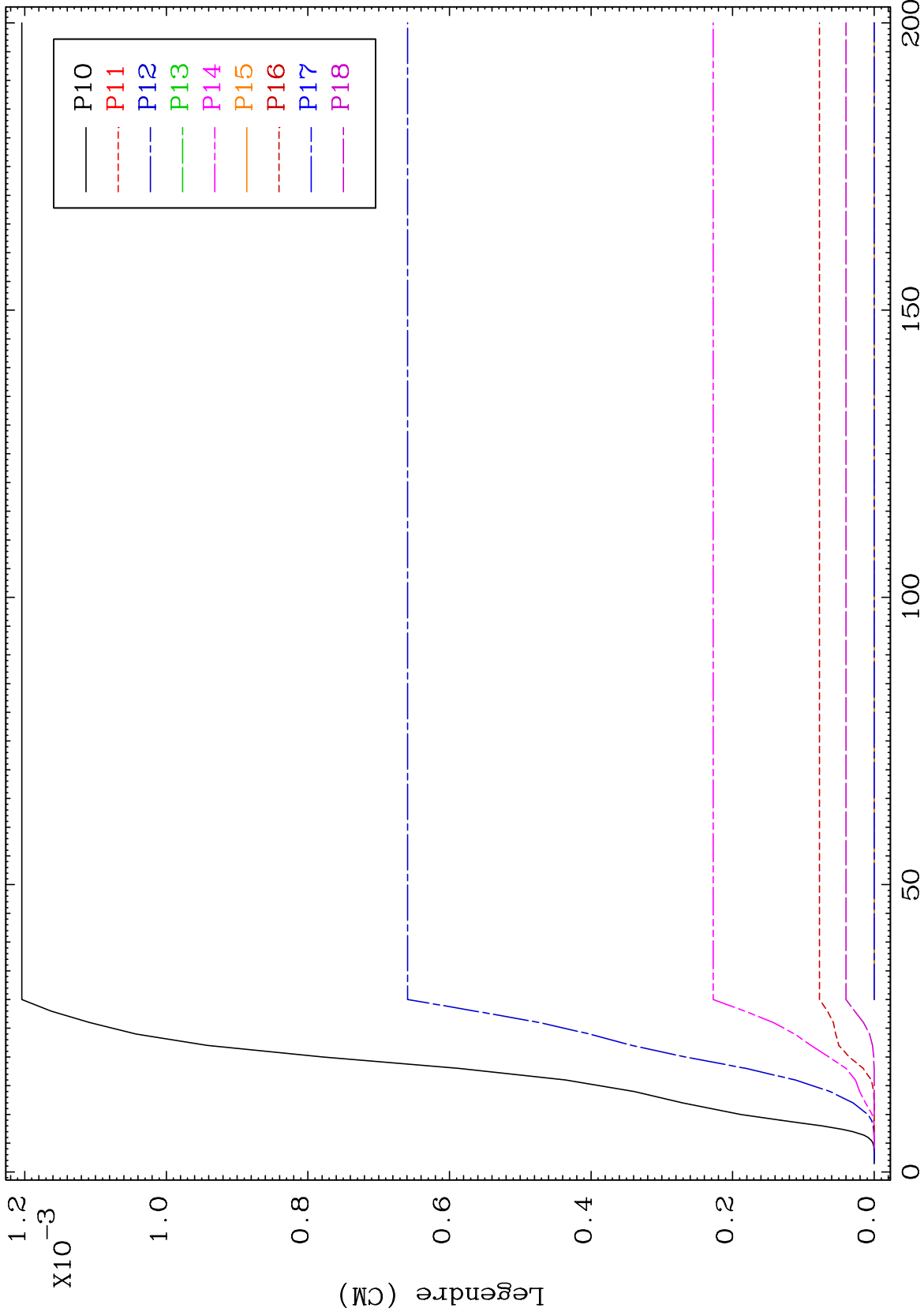
MAT 5325

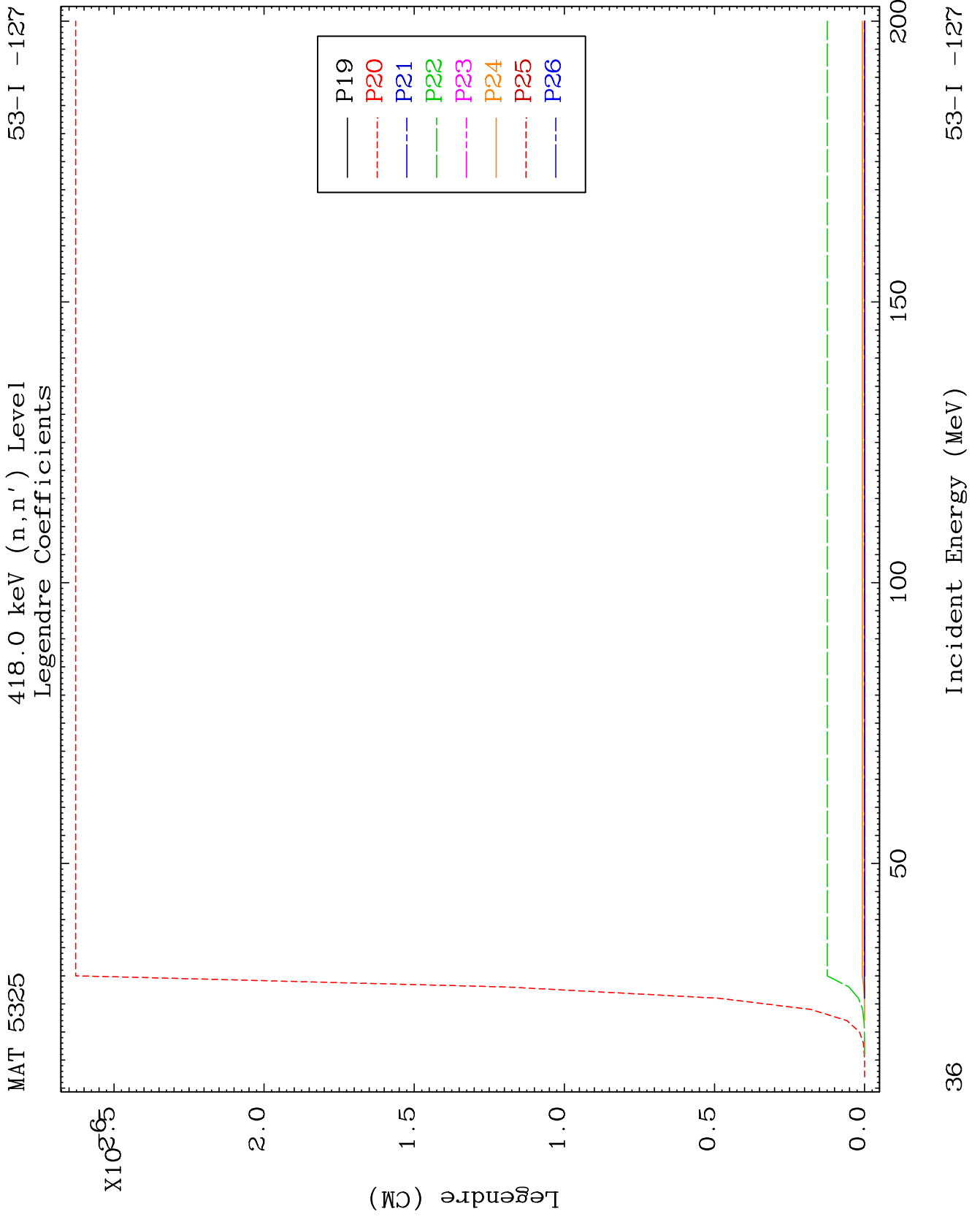
295.0 keV (n,n') Level
Legendre Coefficients

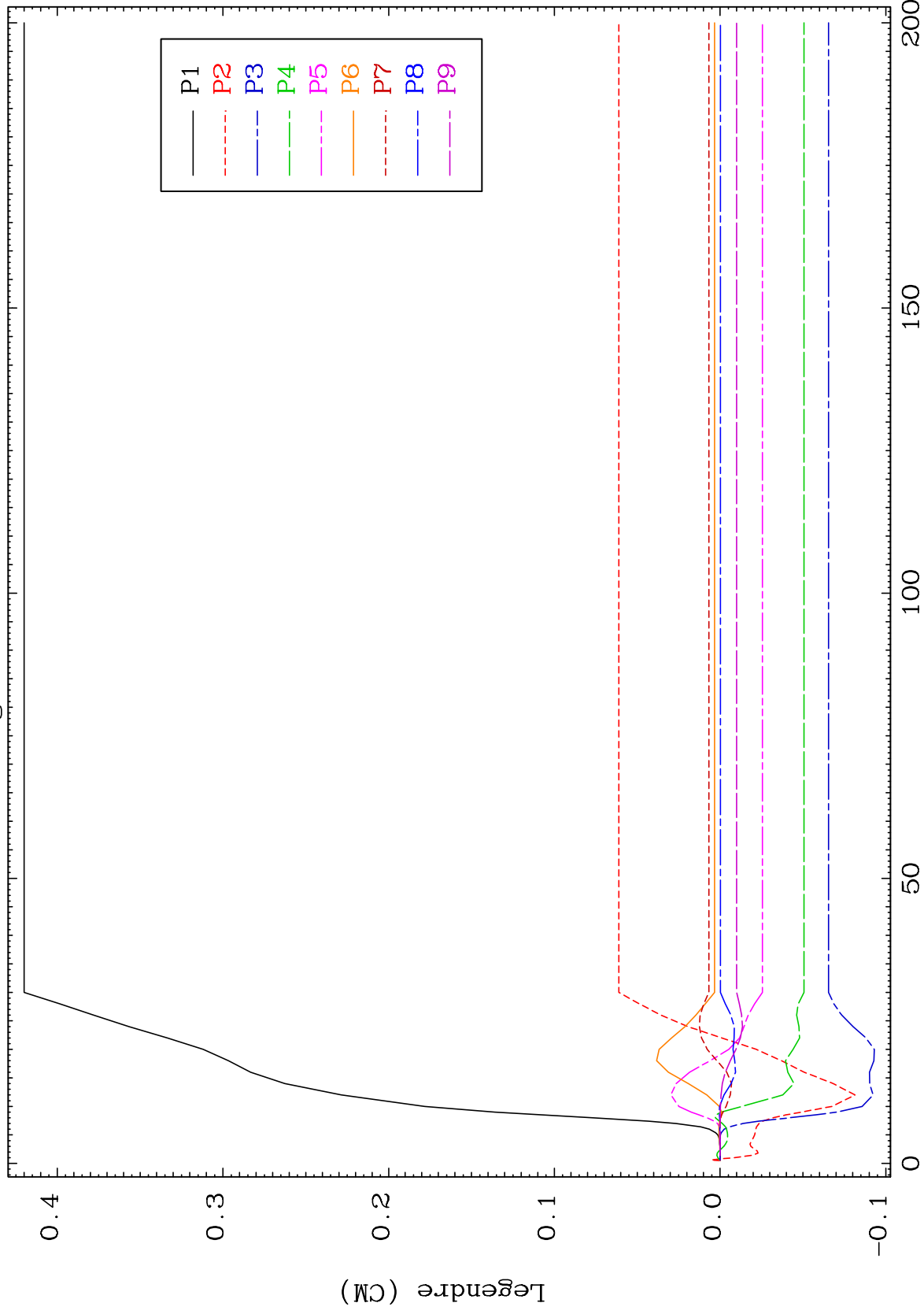
53-I -127







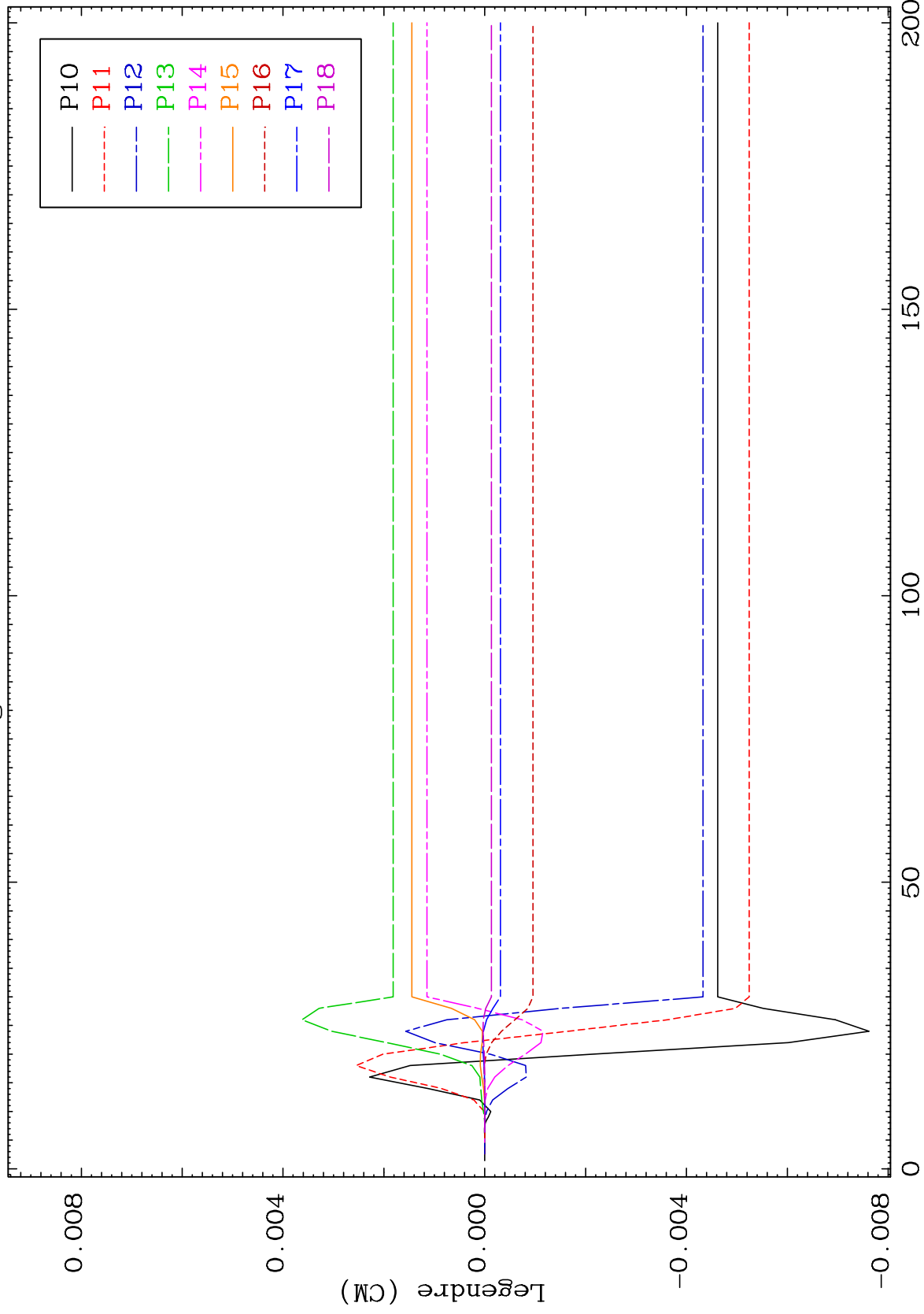




MAT 5325

473.0 keV (n,n') Level
Legendre Coefficients

53-I -127



38

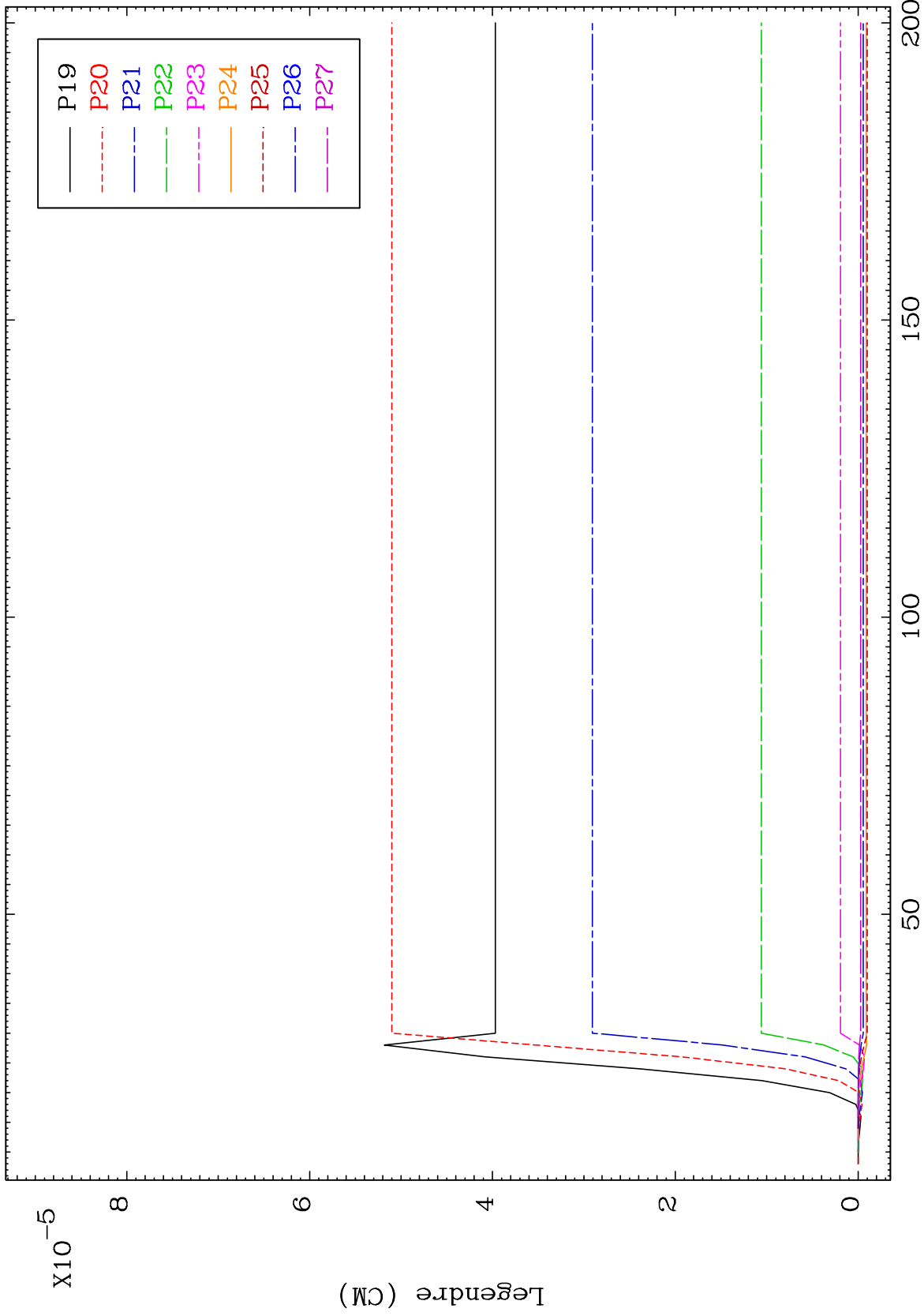
Incident Energy (MeV)

53-I -127

MAT 5325

473.0 keV (n,n') Level
Legendre Coefficients

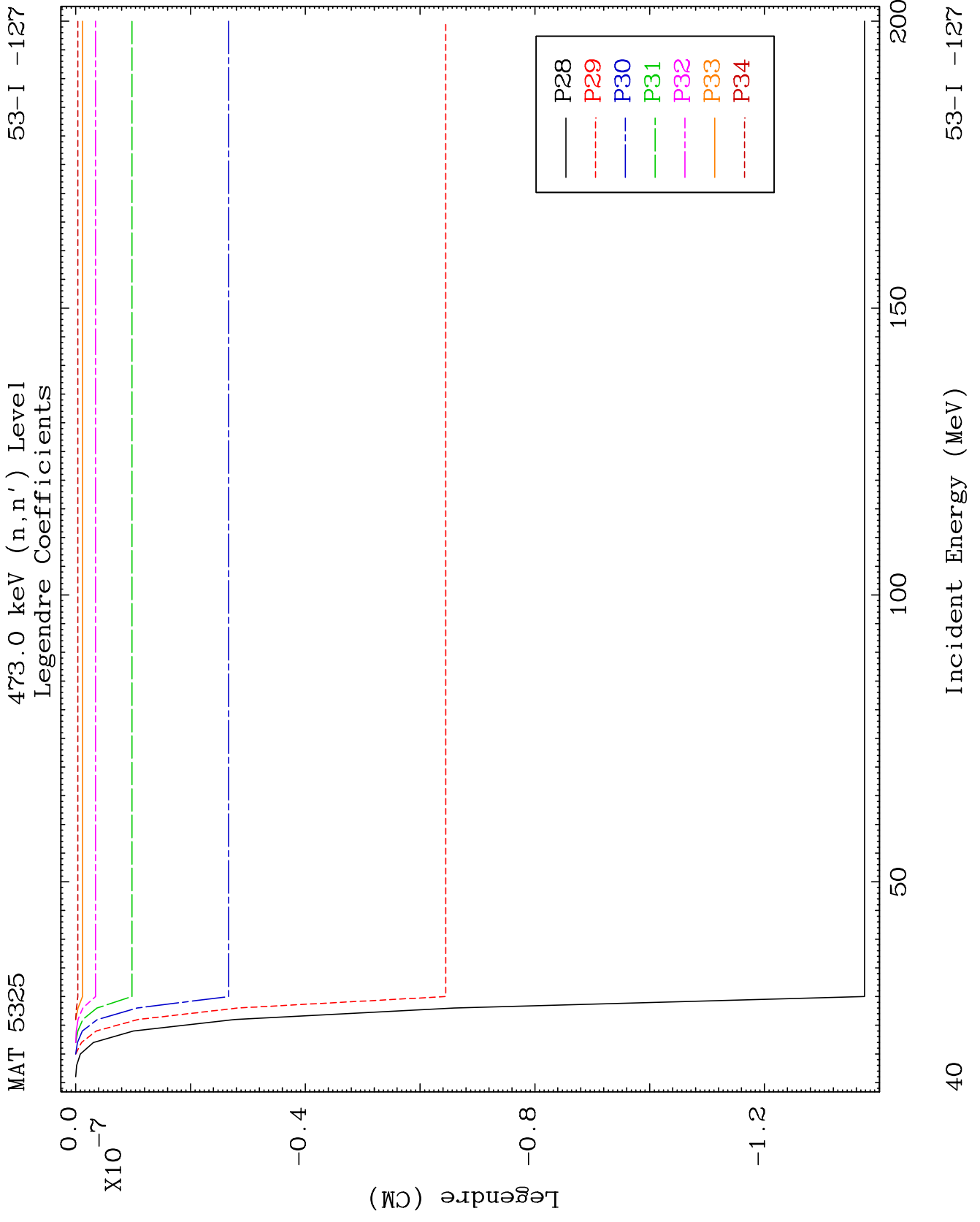
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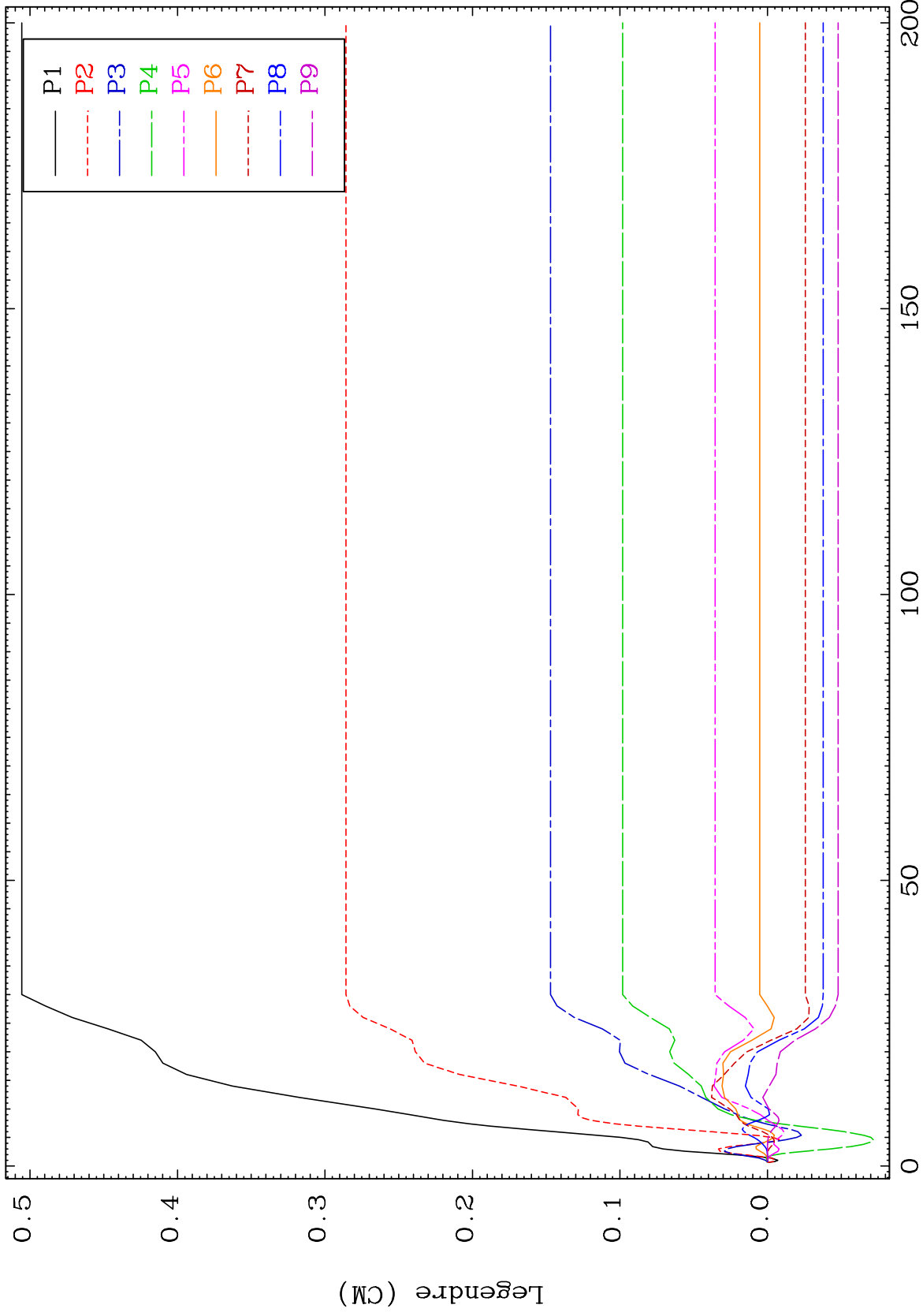


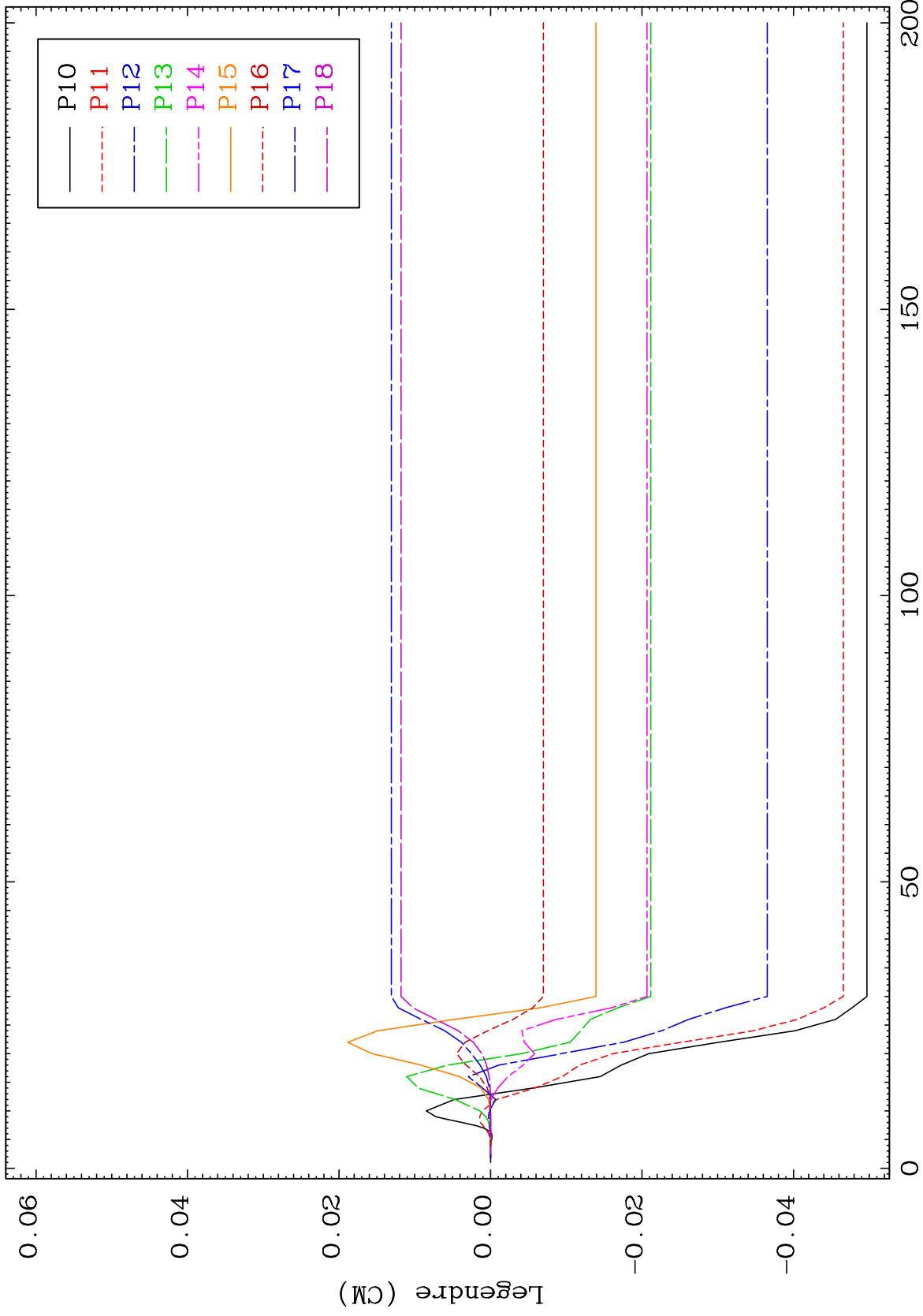
39

Incident Energy (MeV)

53-I -127



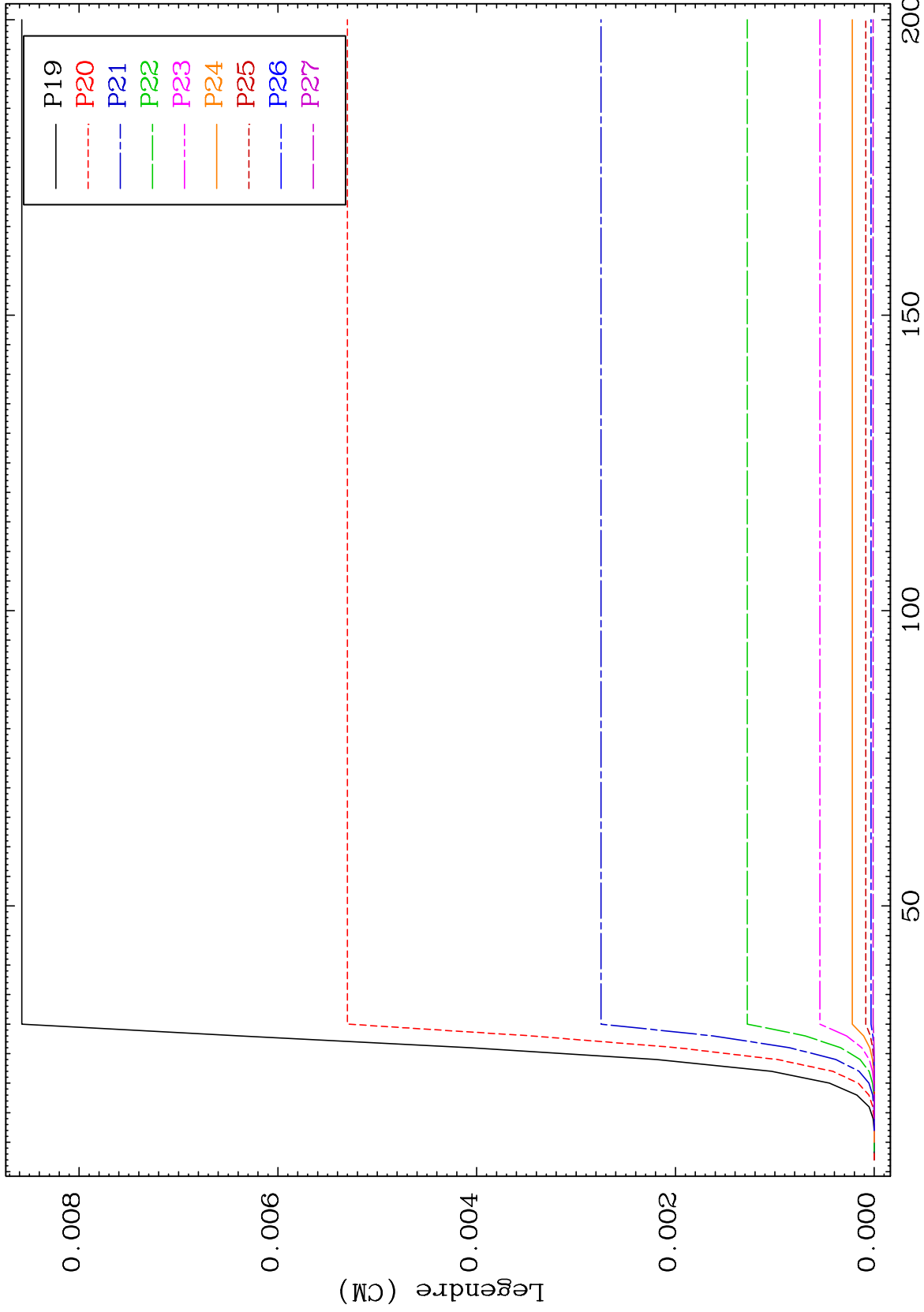




MAT 5325

618.3 keV (n,n') Level
Legendre Coefficients

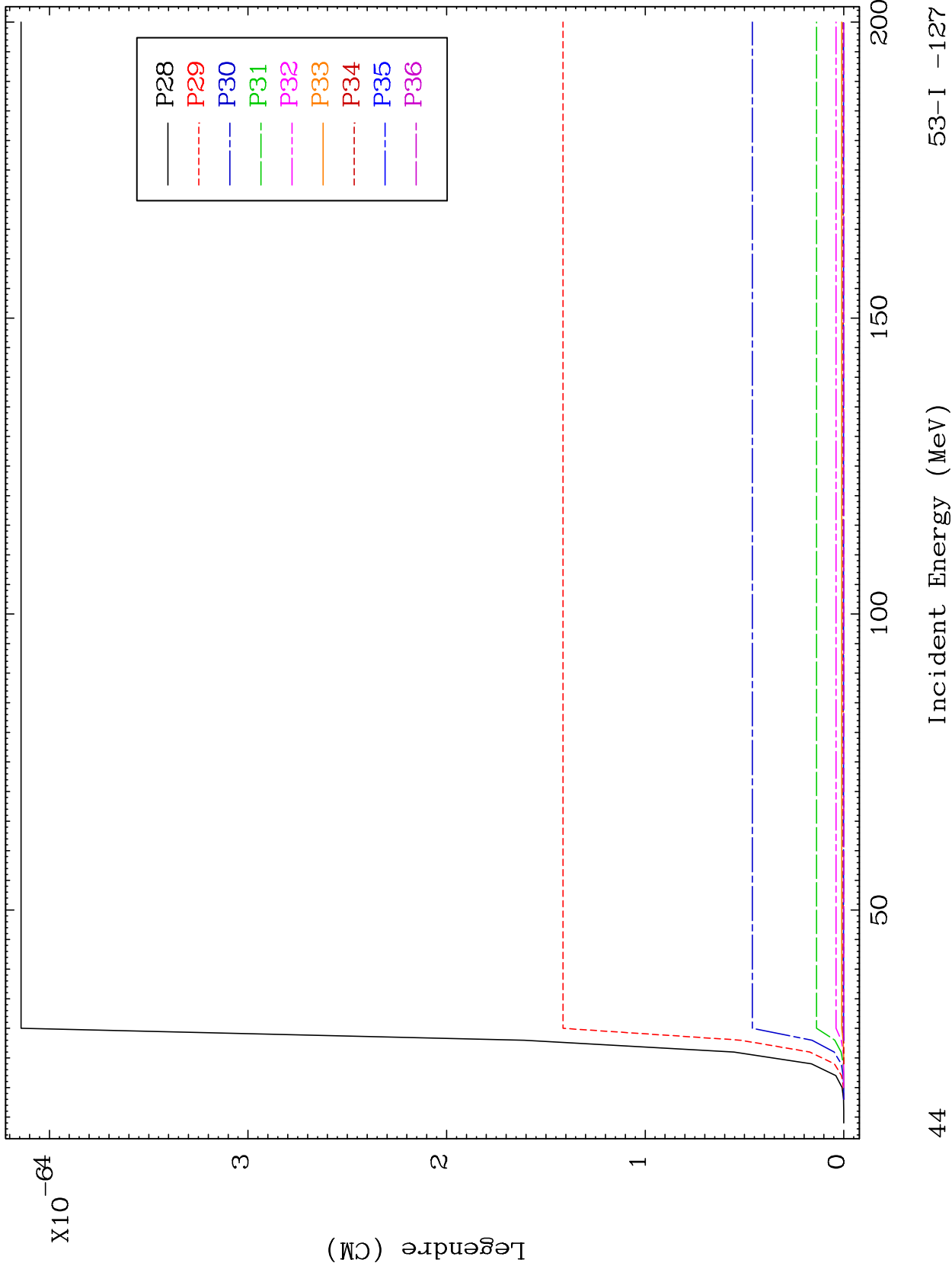
53-I -127



43

Incident Energy (MeV)

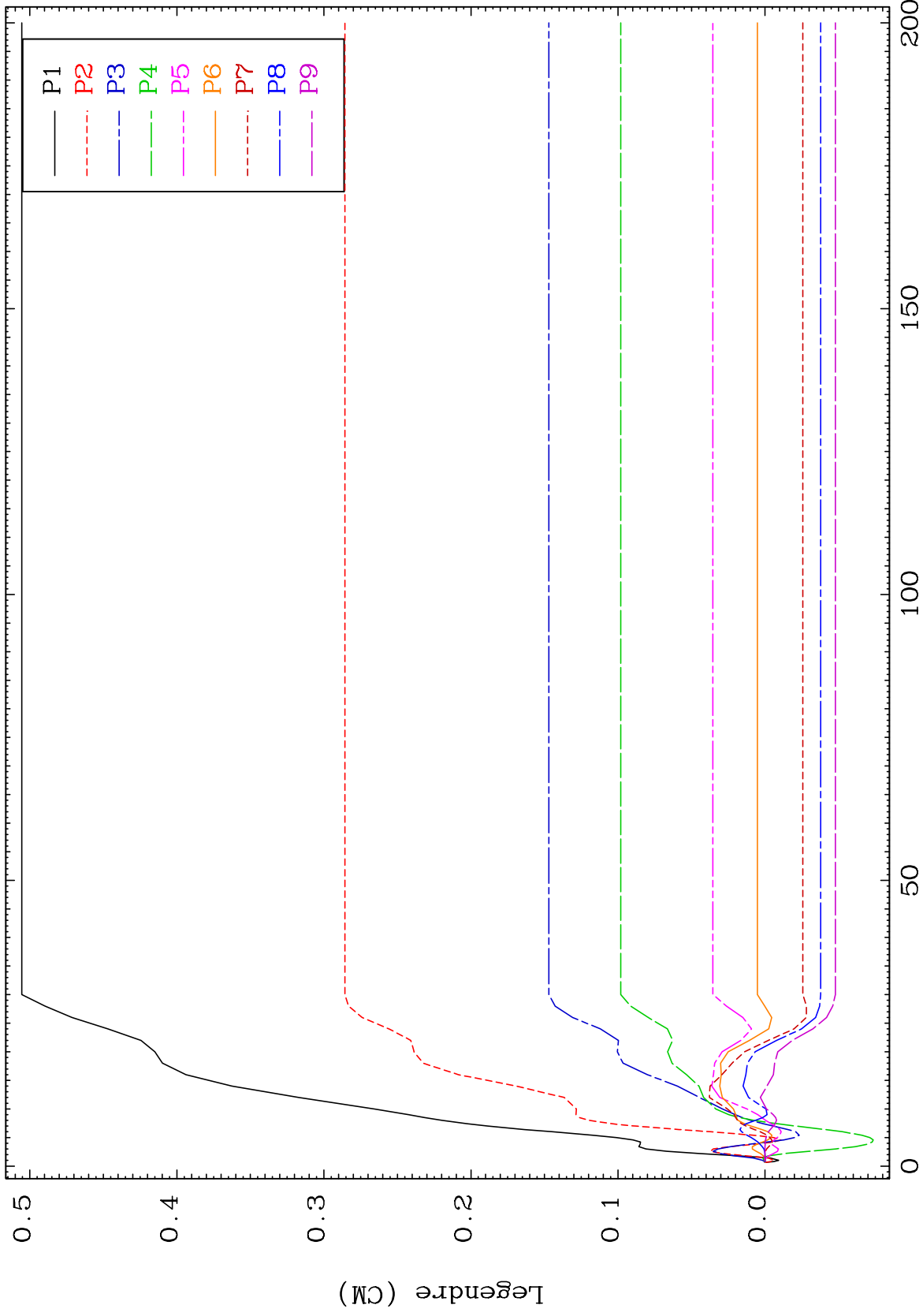
53-I -127



MAT 5325

628.7 keV (n,n') Level
Legendre Coefficients

53-I -127



53-I -127

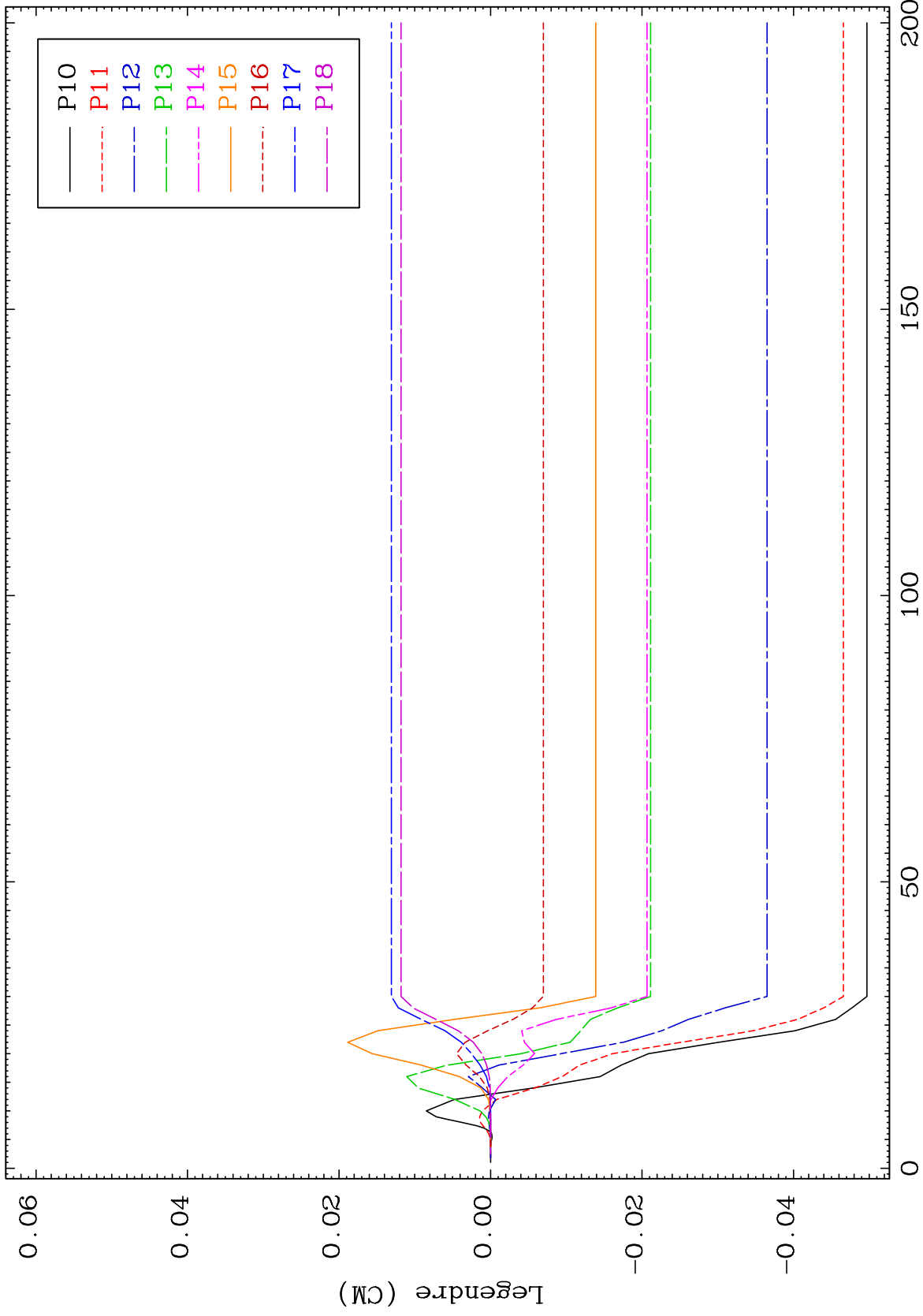
Incident Energy (MeV)

45

MAT 5325

628.7 keV (n,n') Level
Legendre Coefficients

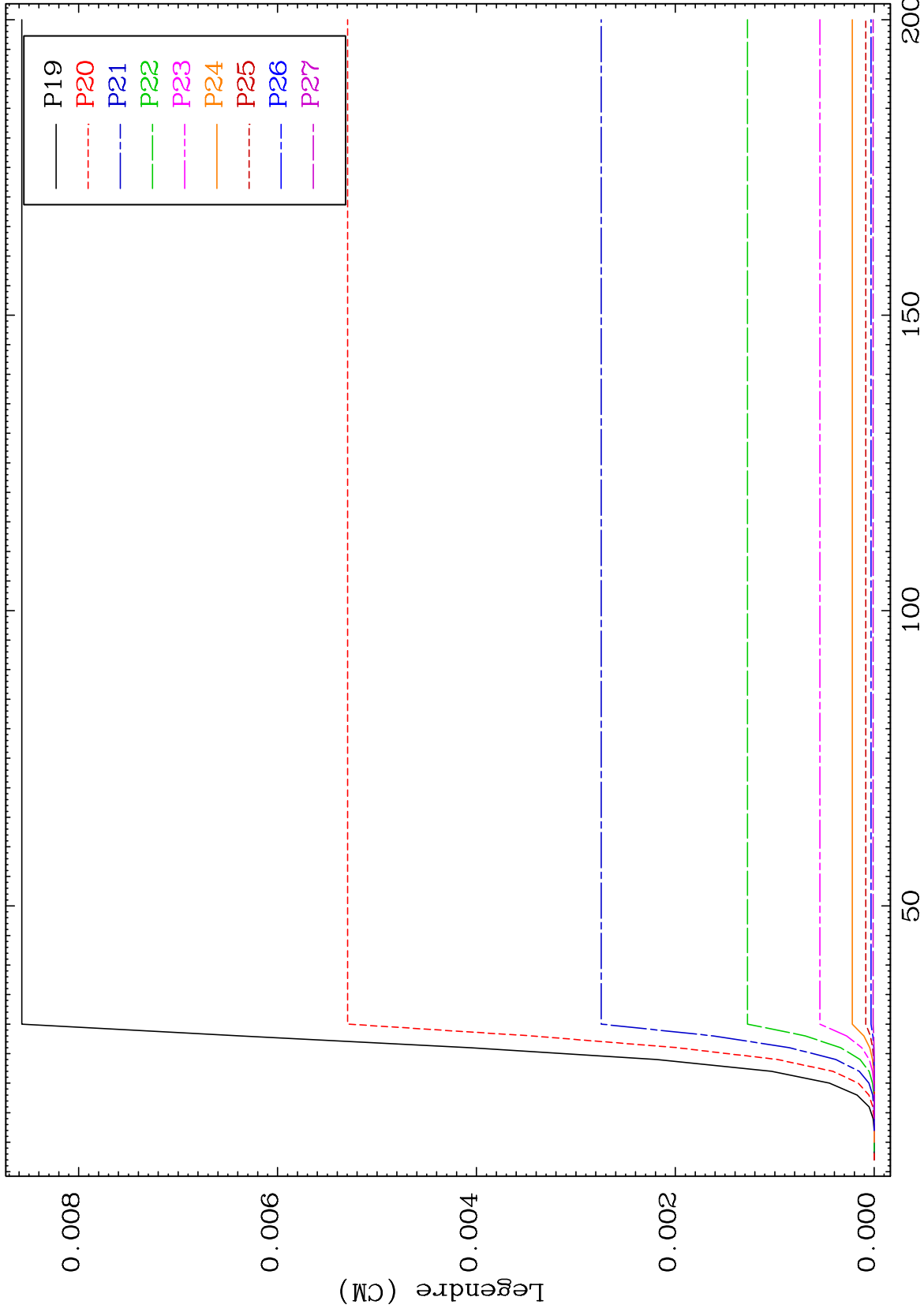
53-I -127



46

Incident Energy (MeV)

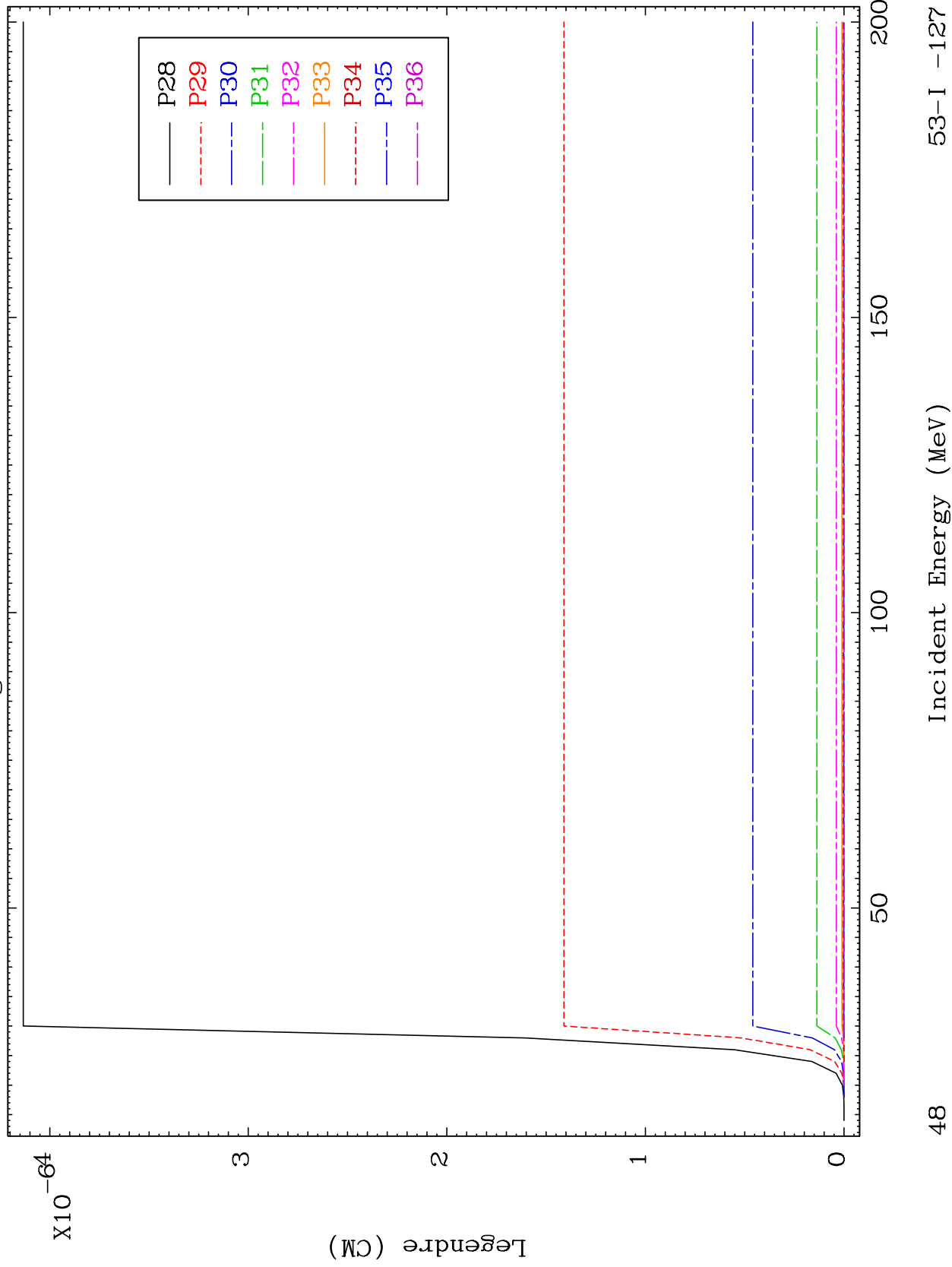
53-I -127



MAT 5325

628.7 keV (n,n') Level
Legendre Coefficients

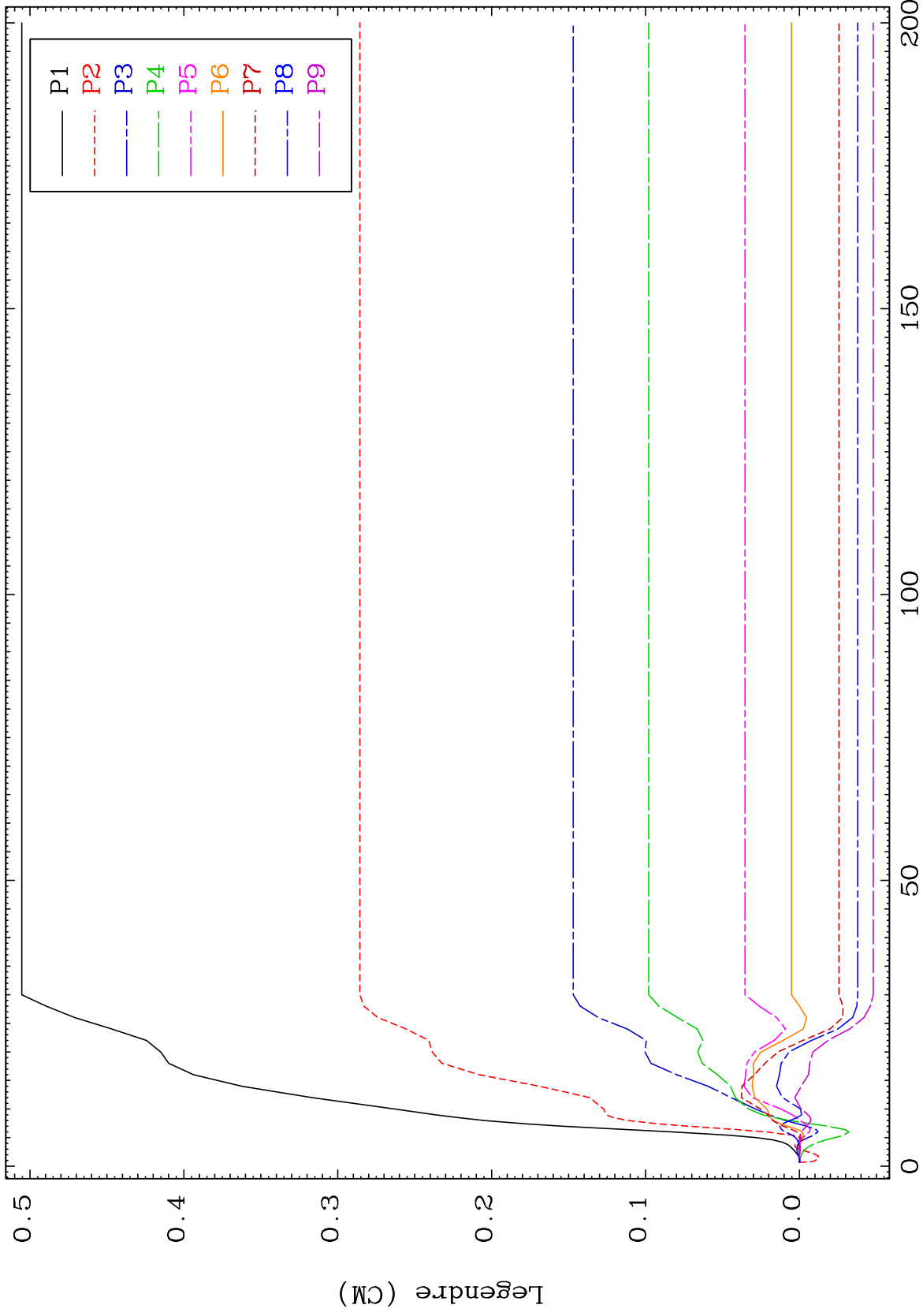
53-I -127



48

Incident Energy (MeV)

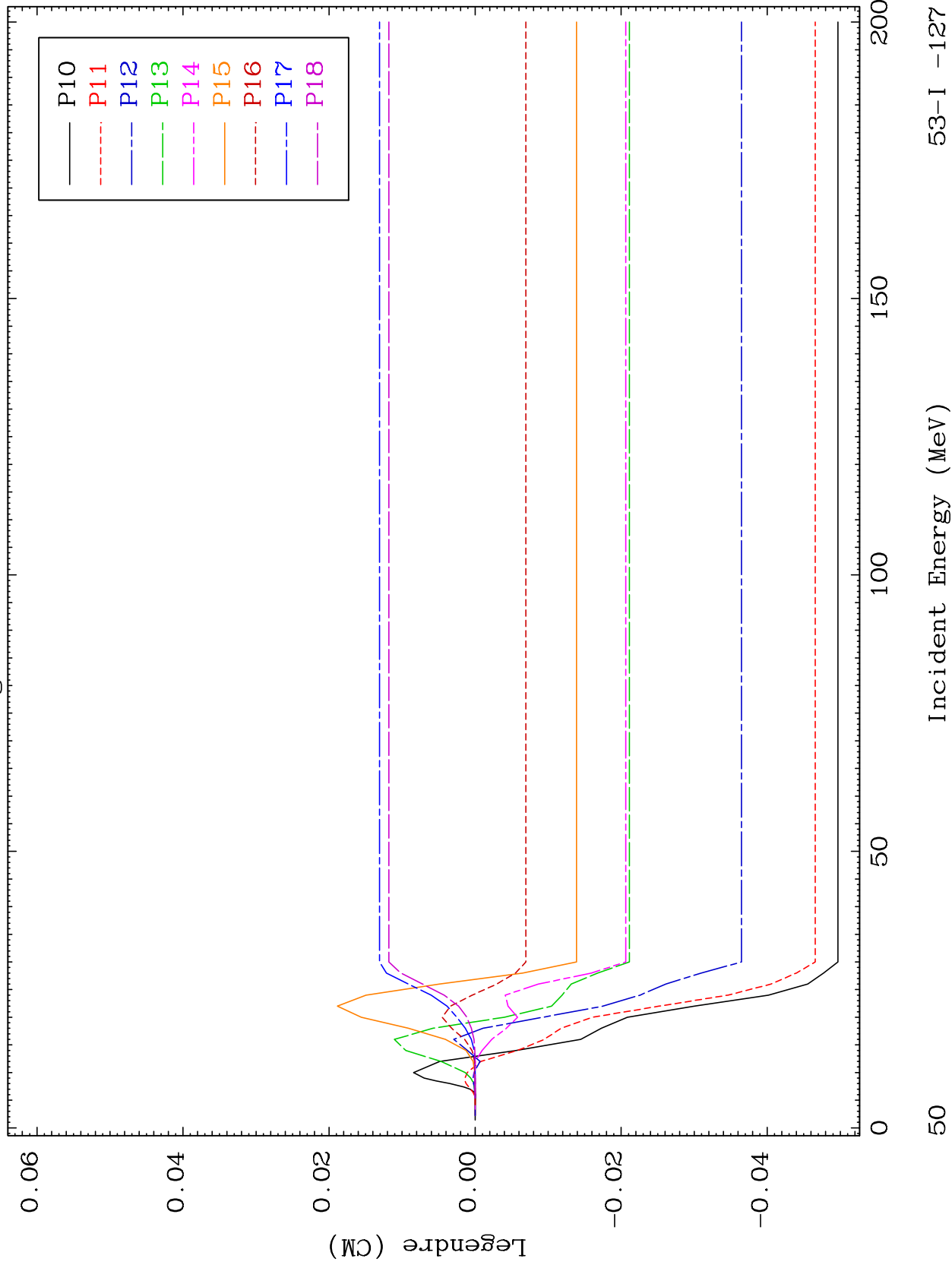
53-I -127



MAT 5325

650.9 keV (n,n') Level
Legendre Coefficients

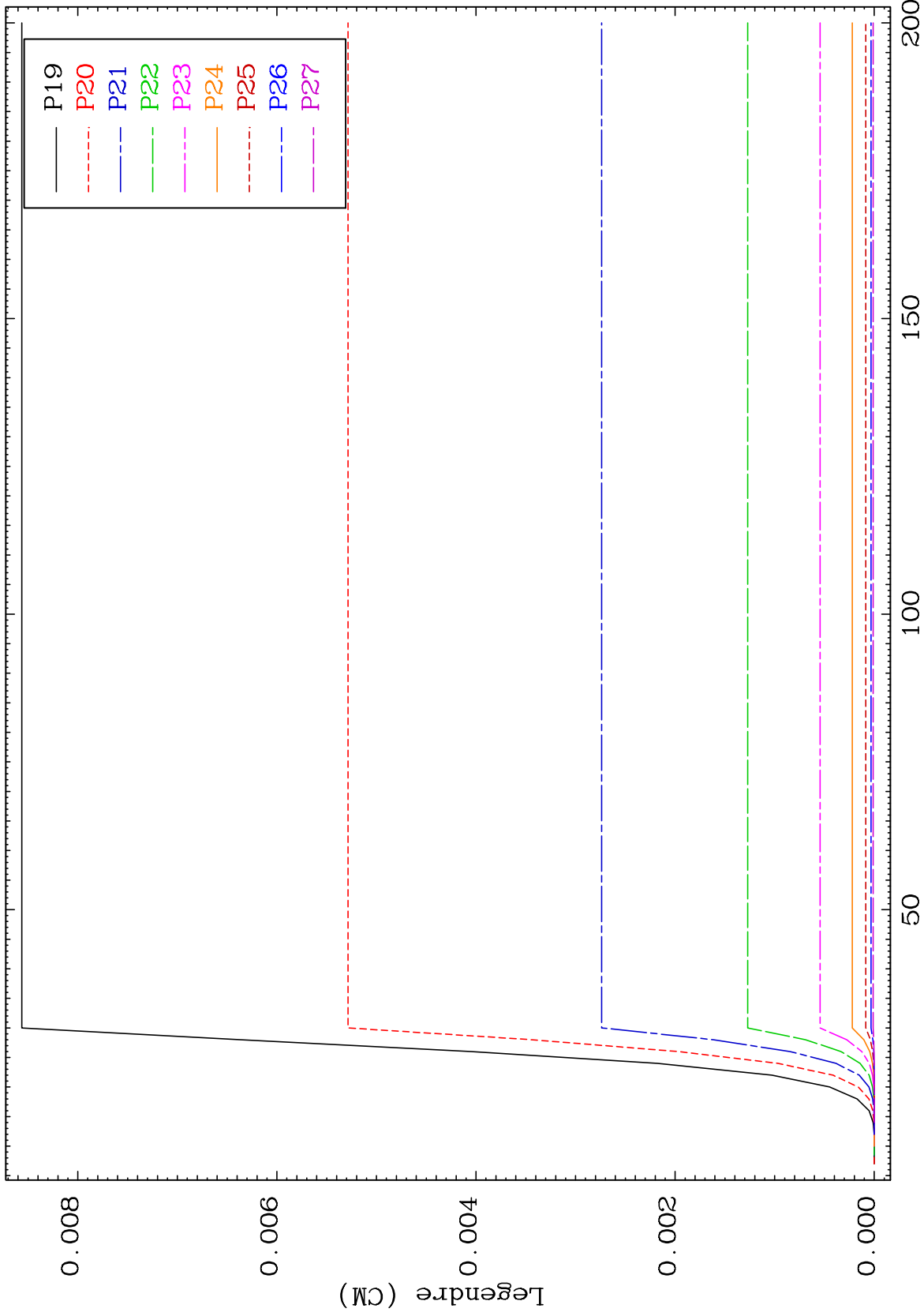
53-I -127



53-I -127

Incident Energy (MeV)

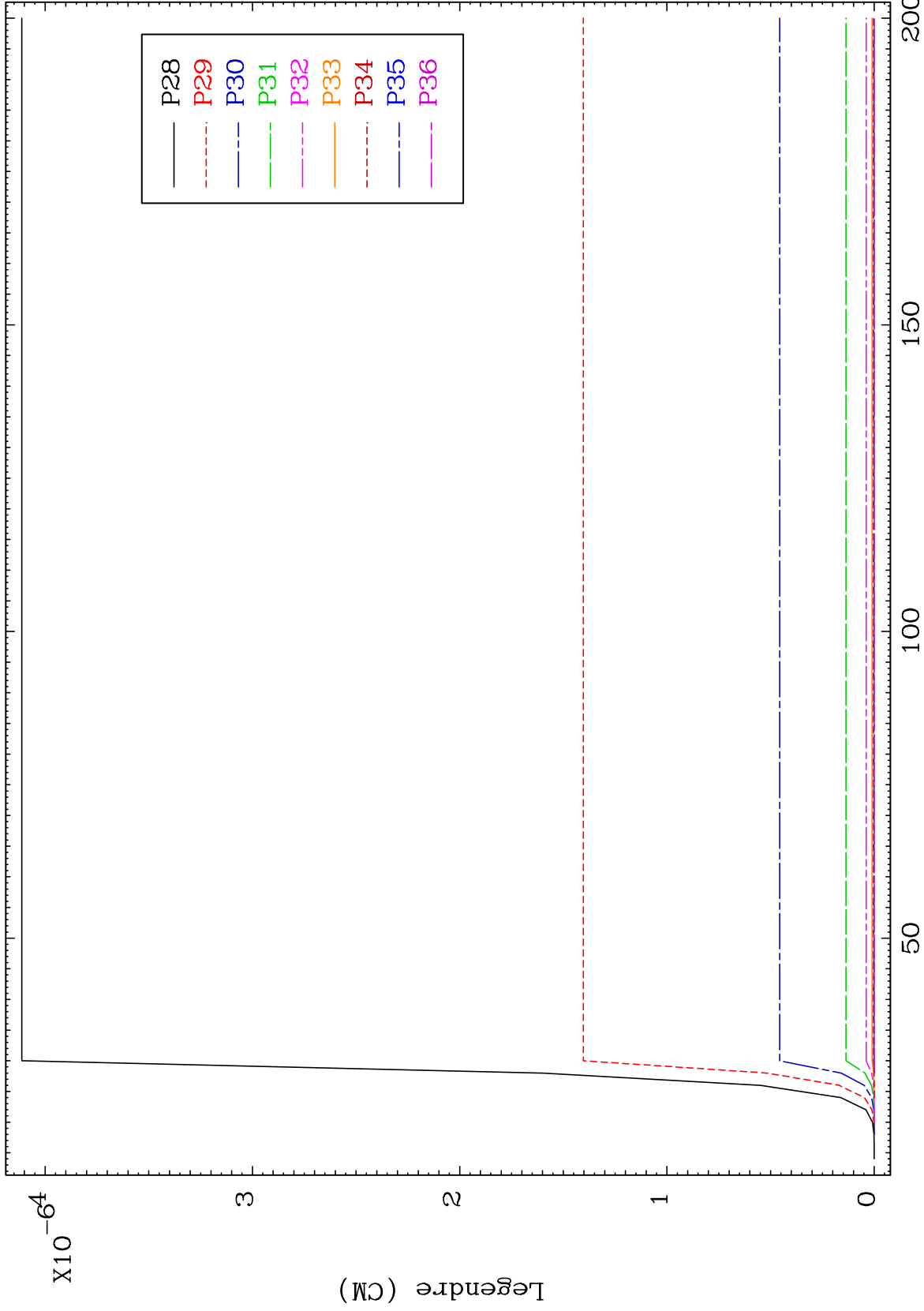
50



MAT 5325

650.9 keV (n,n') Level
Legendre Coefficients

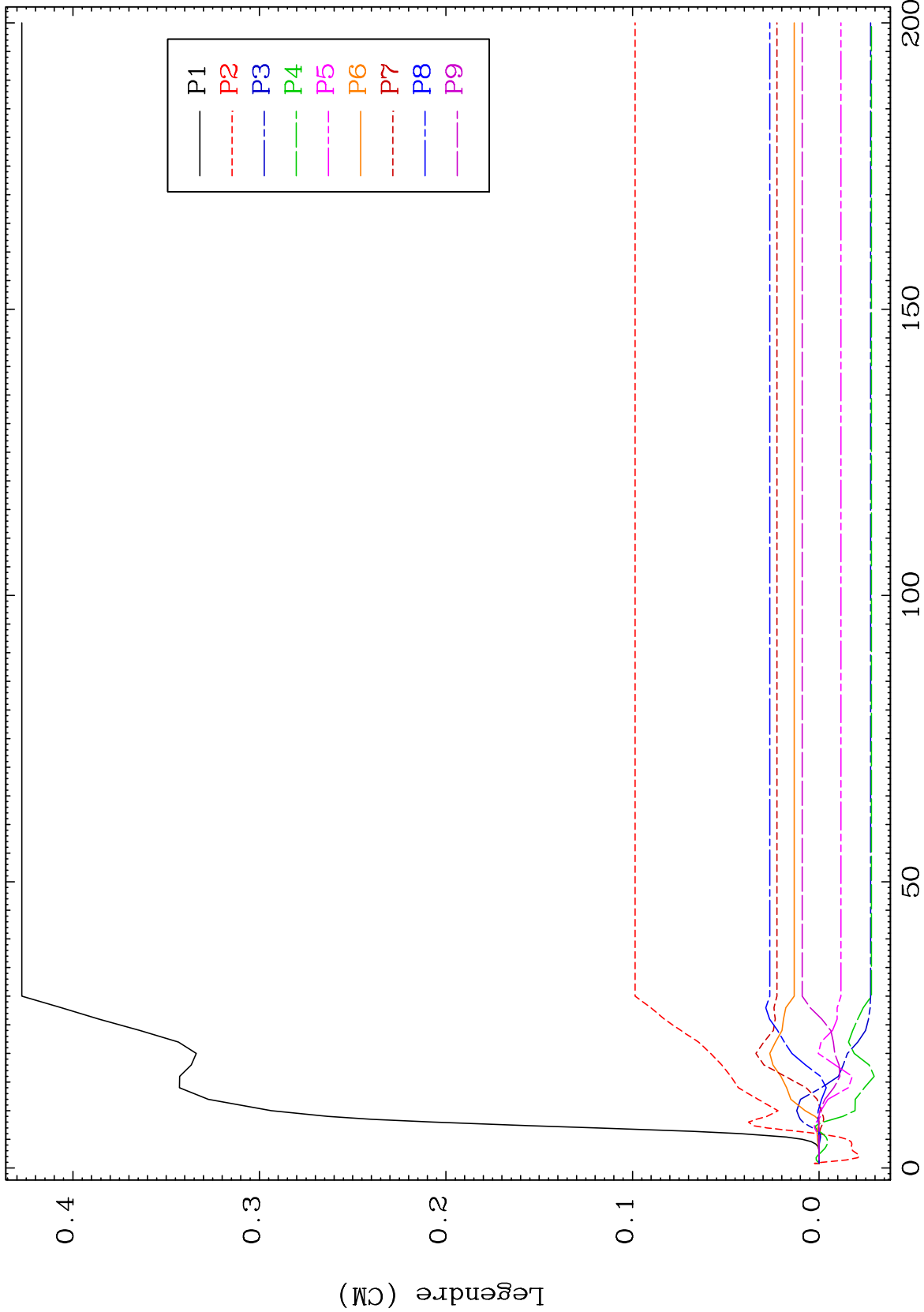
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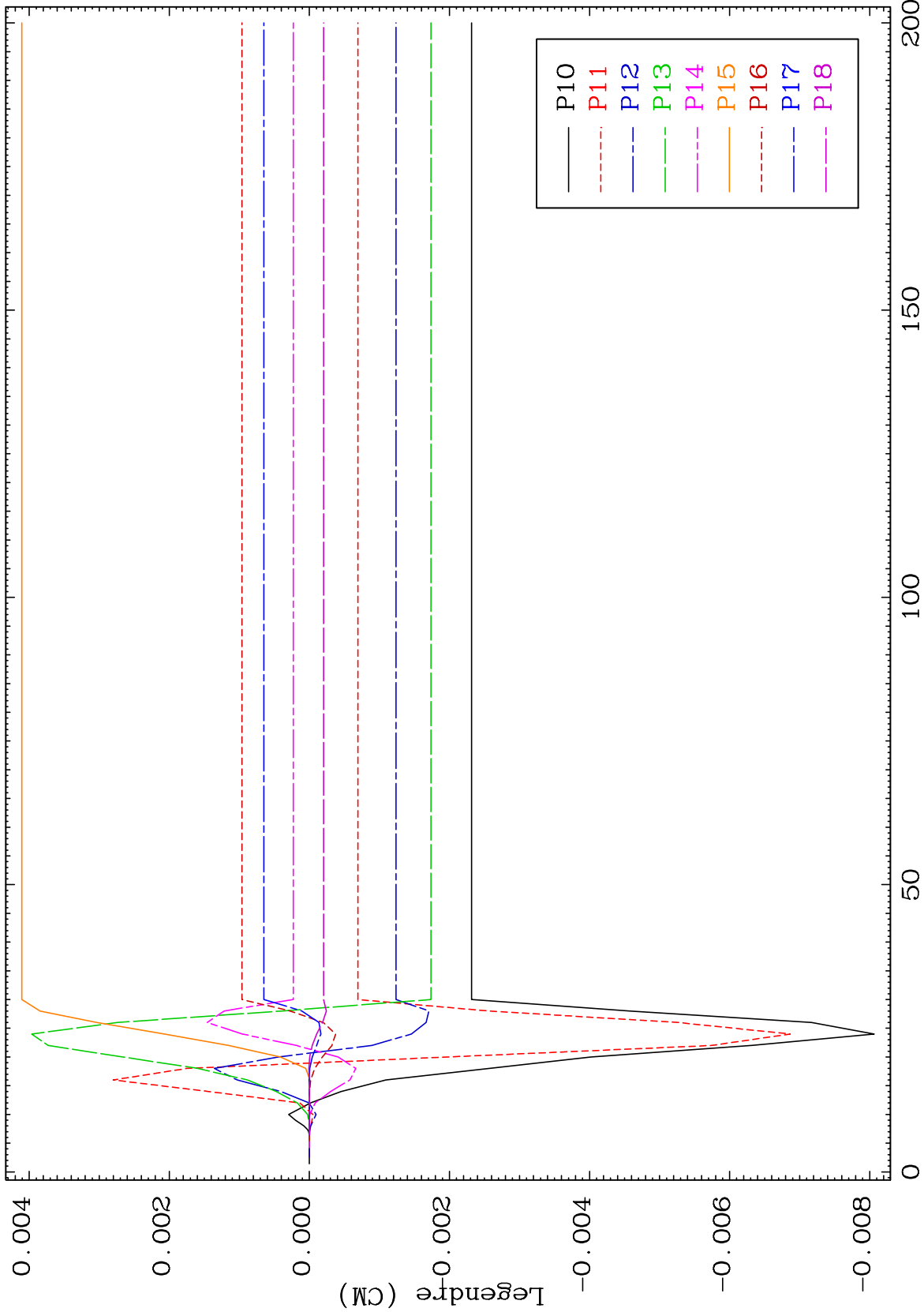


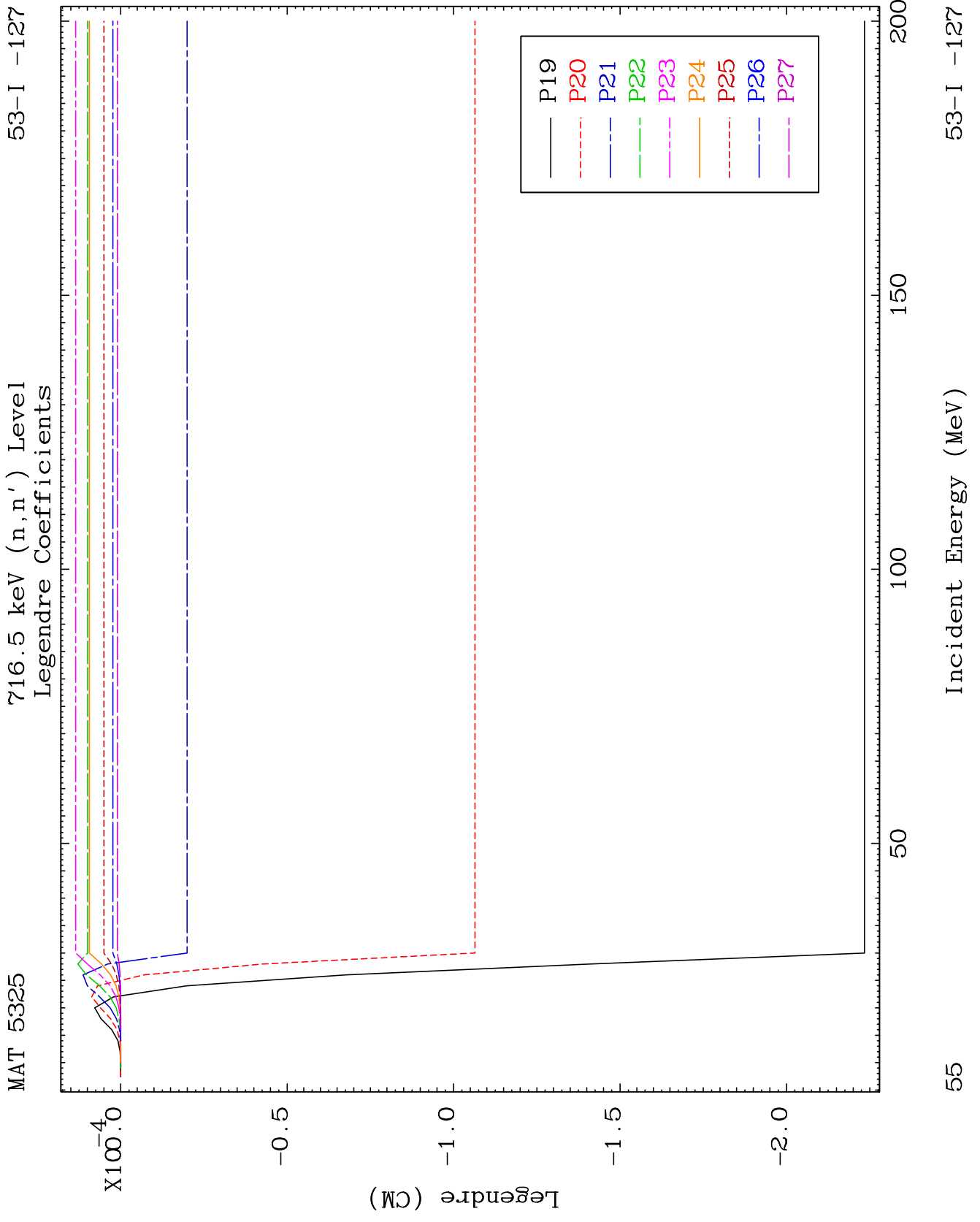
52

Incident Energy (MeV)

53-I -127



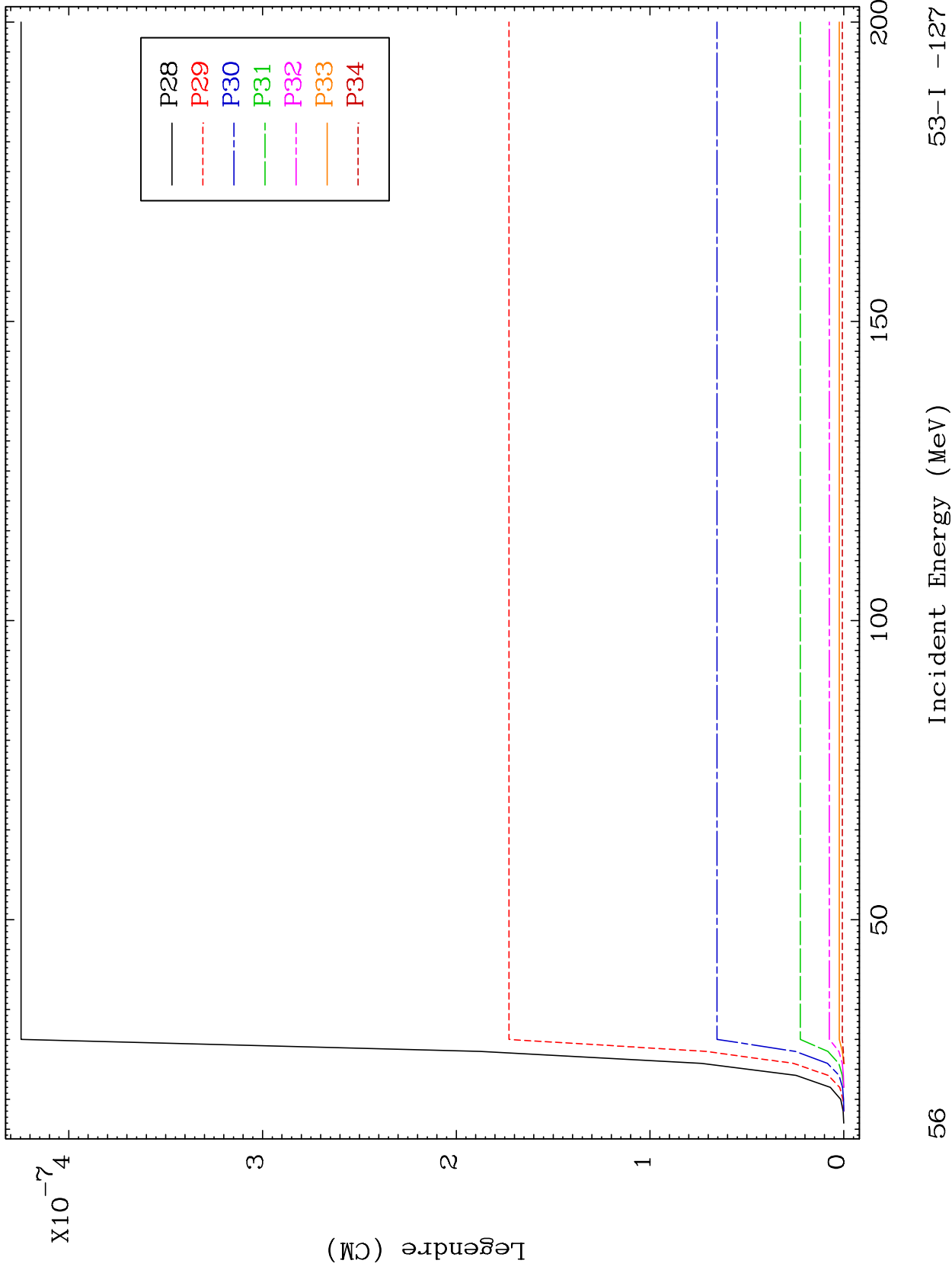


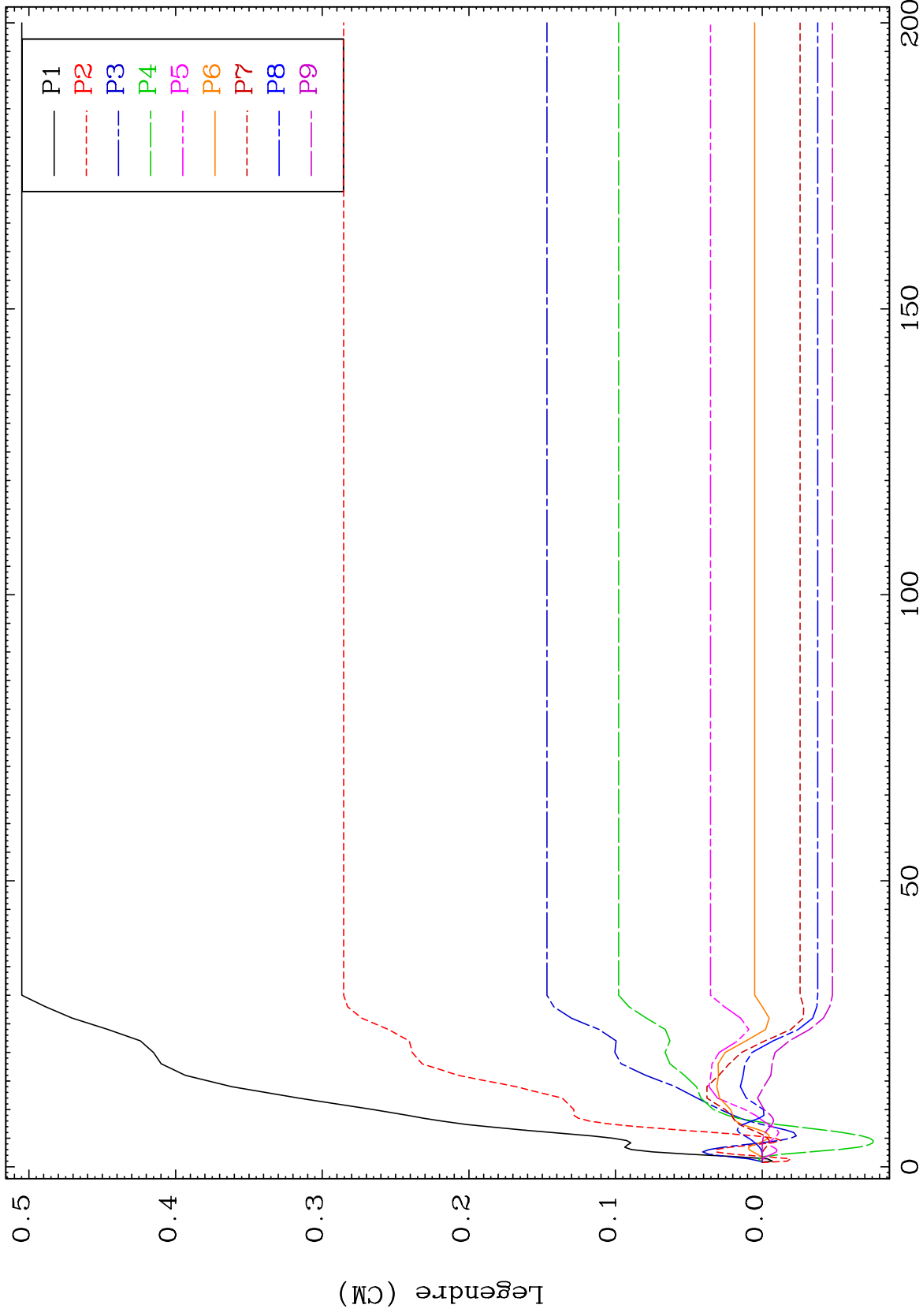


MAT 5325

716.5 keV (n,n') Level
Legendre Coefficients

53-I -127

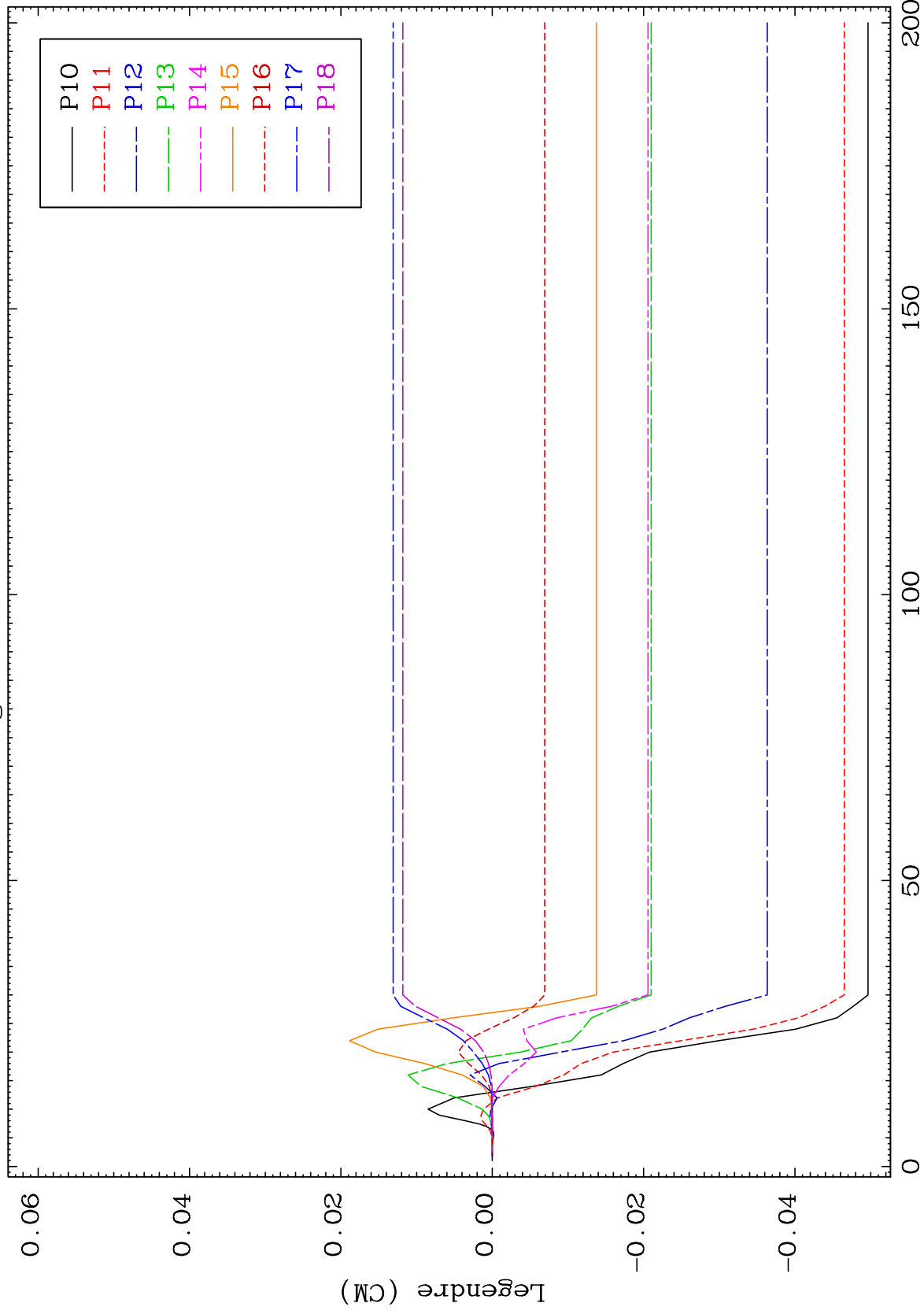




MAT 5325

744.7 keV (n,n') Level
Legendre Coefficients

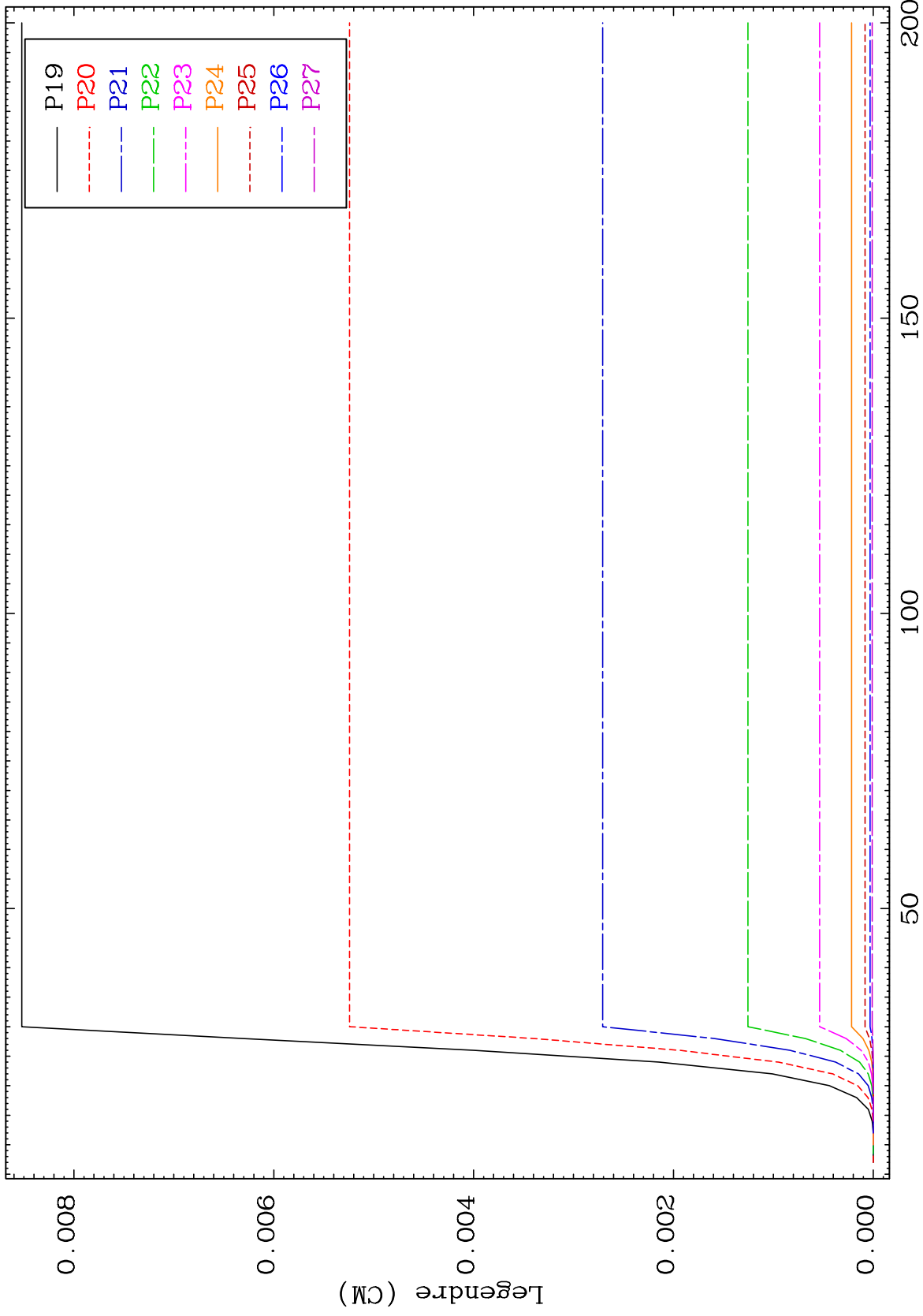
53-I -127



58

Incident Energy (MeV)

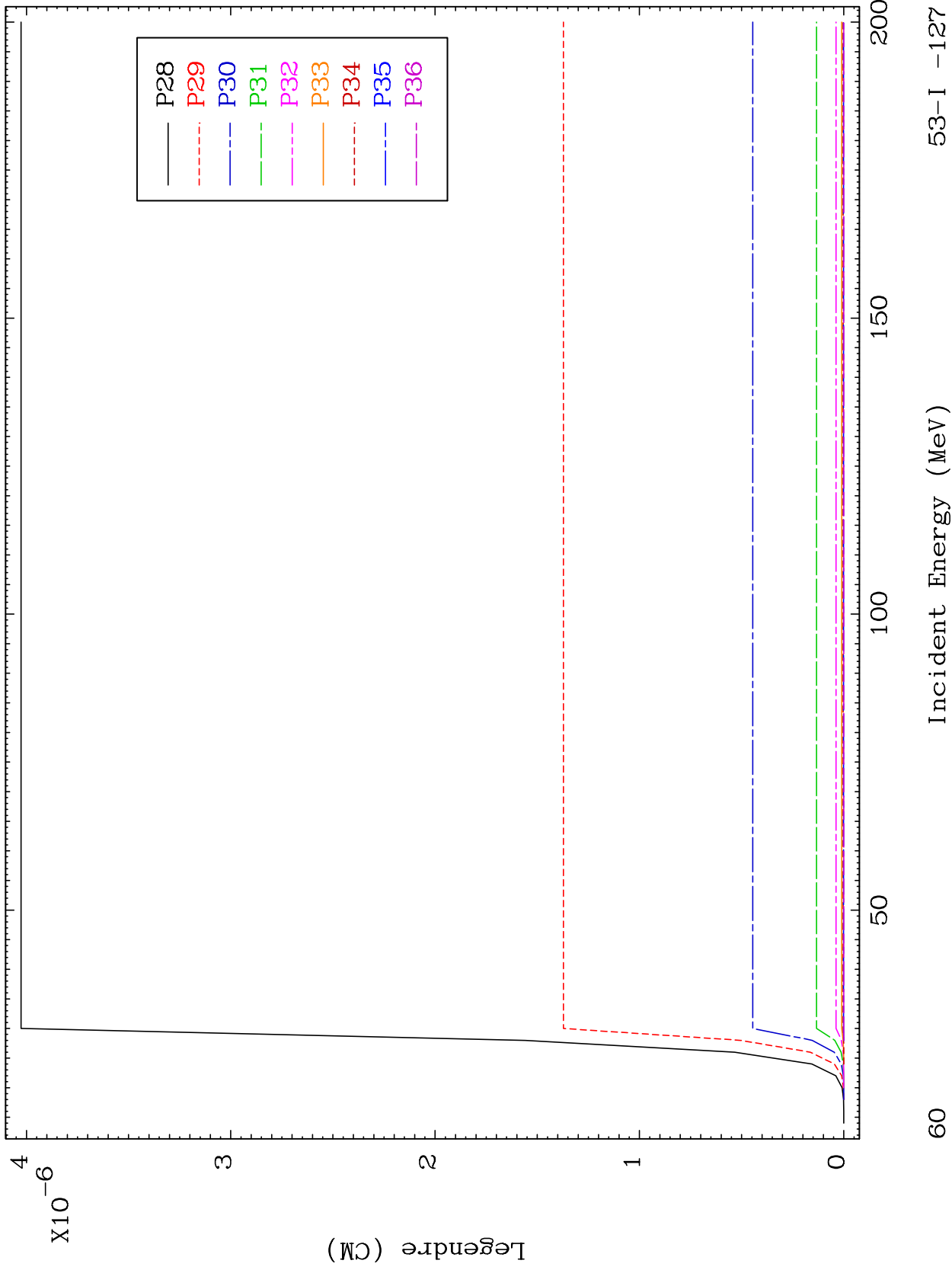
53-I -127



MAT 5325

744.7 keV (n,n') Level
Legendre Coefficients

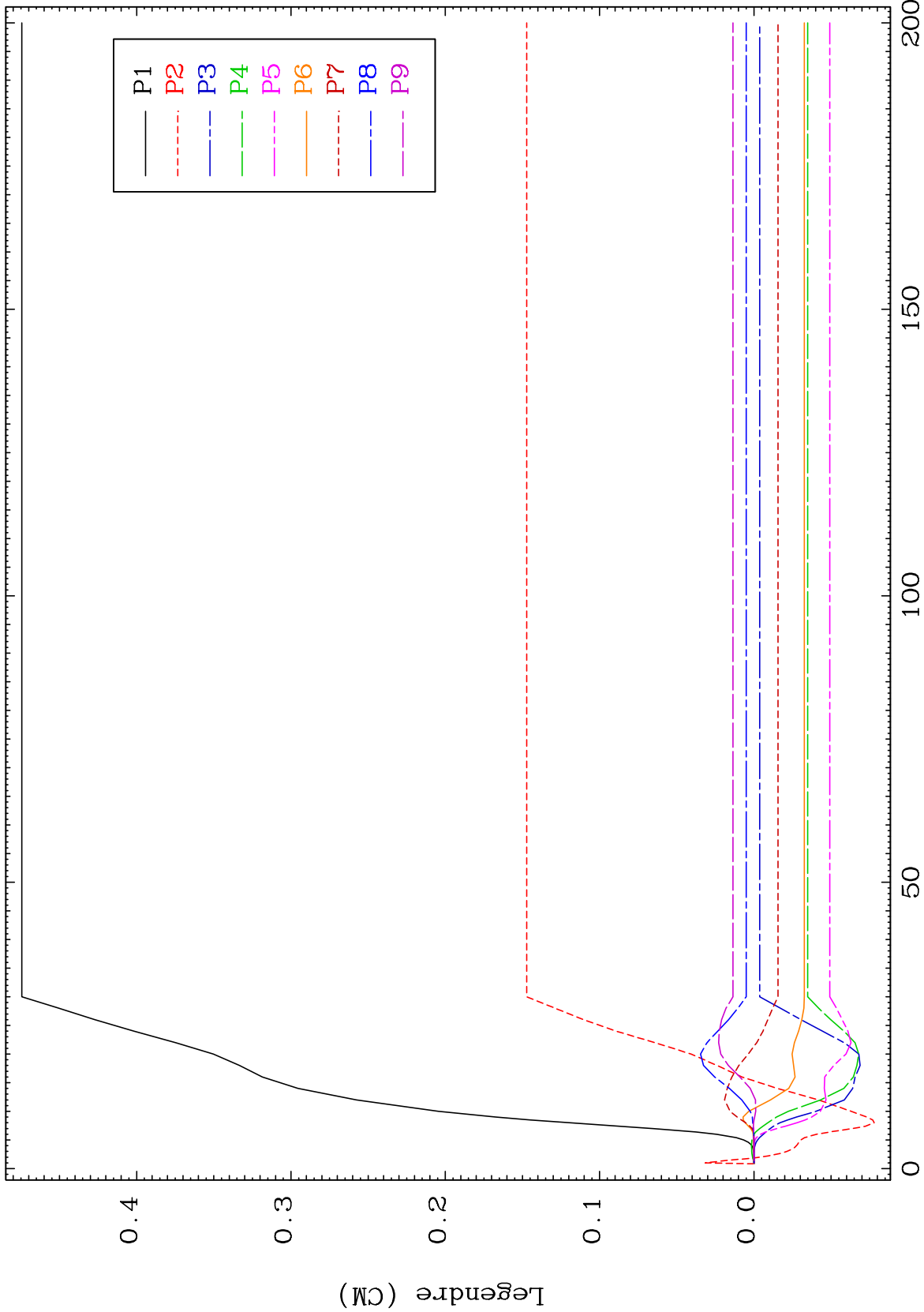
53-I -127



53-I -127

Incident Energy (MeV)

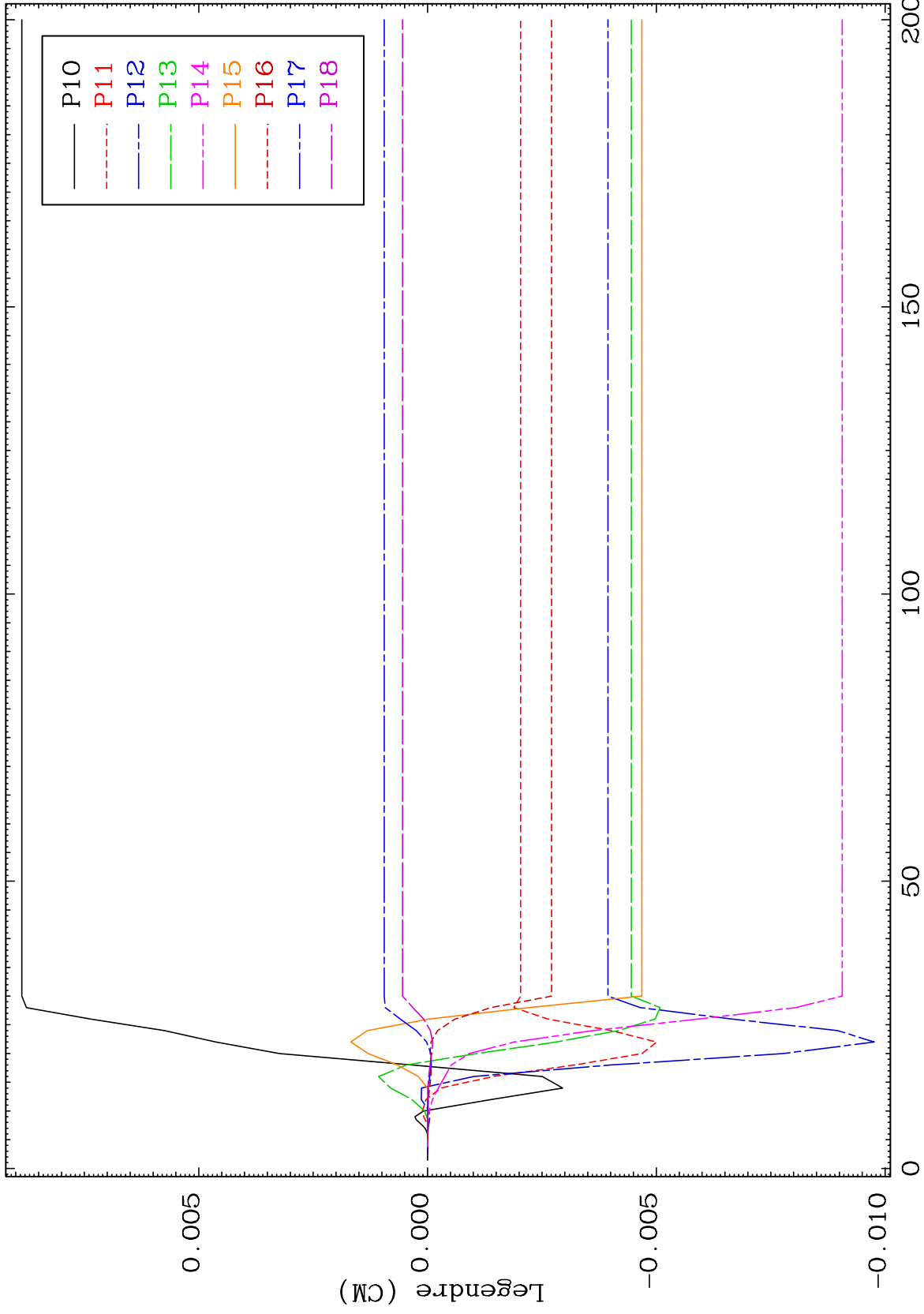
60



MAT 5325

831.0 keV (n,n') Level
Legendre Coefficients

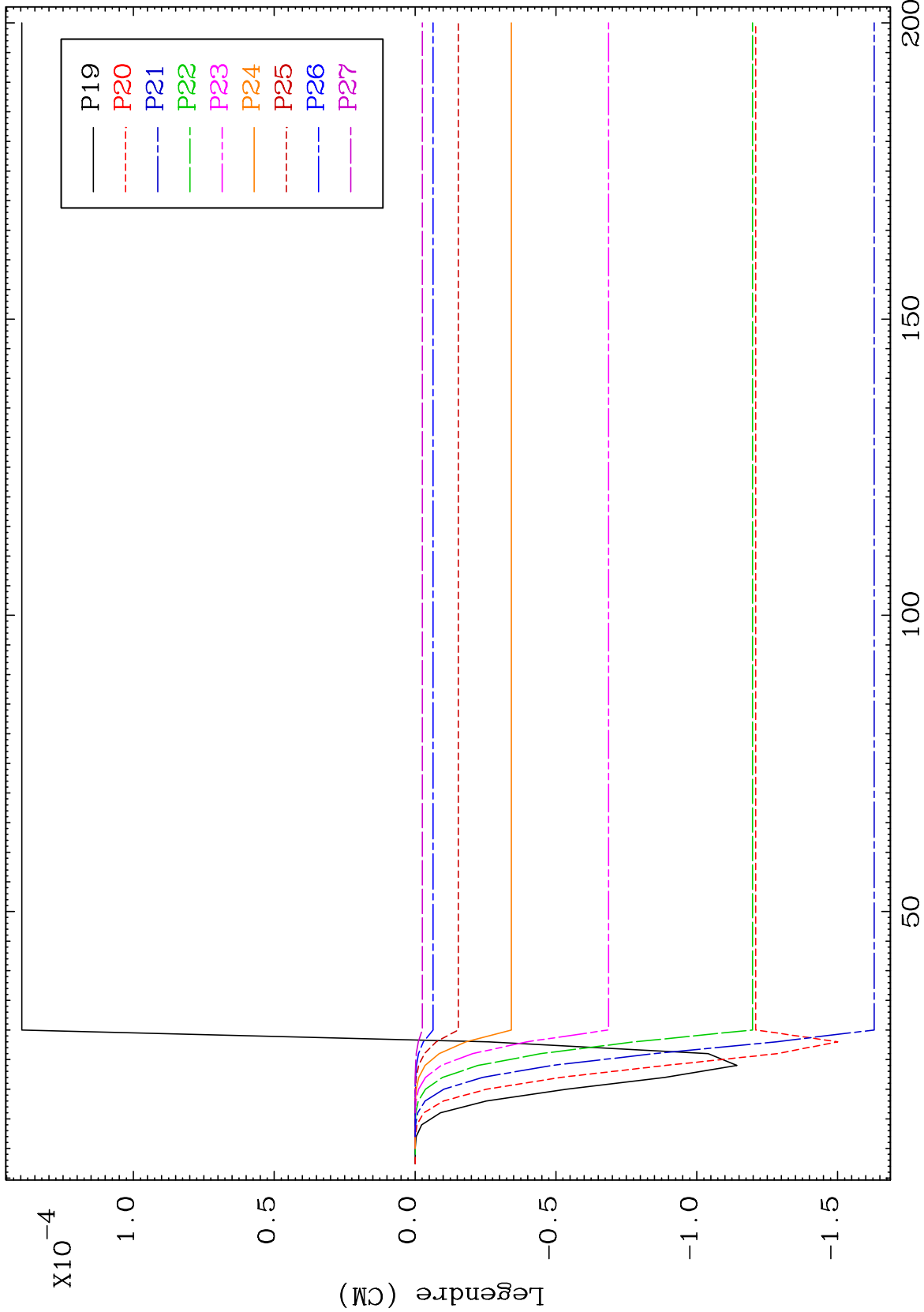
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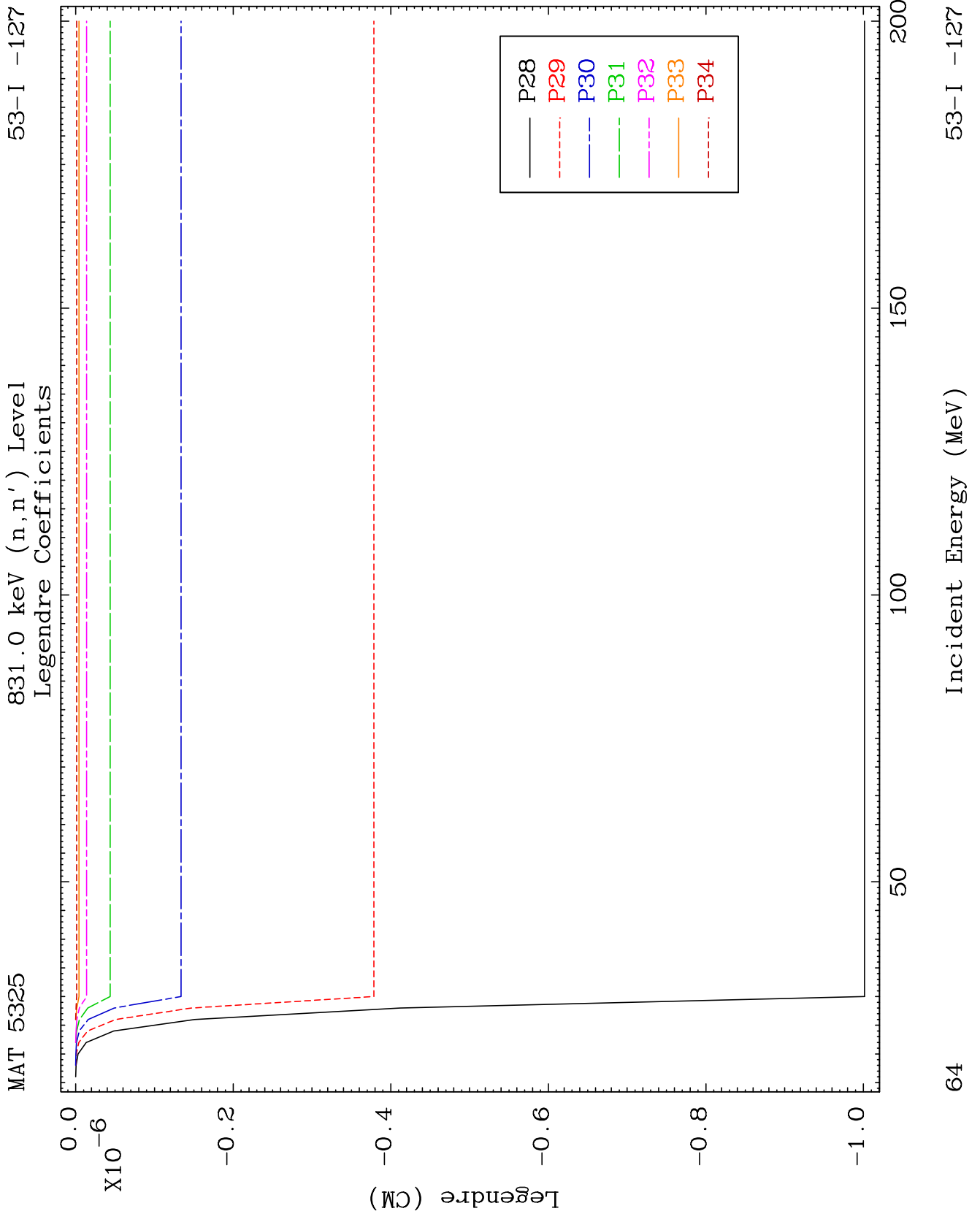


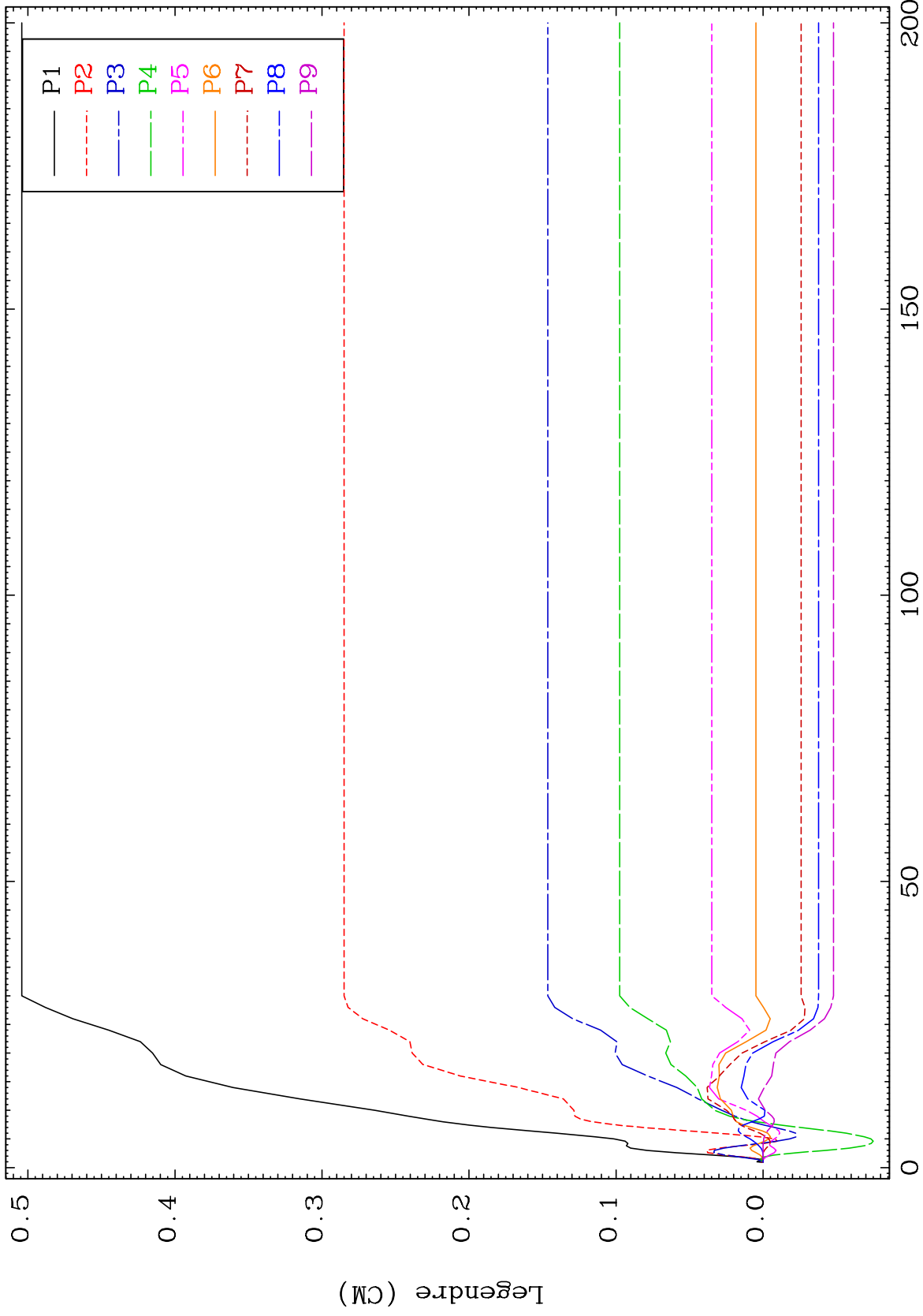
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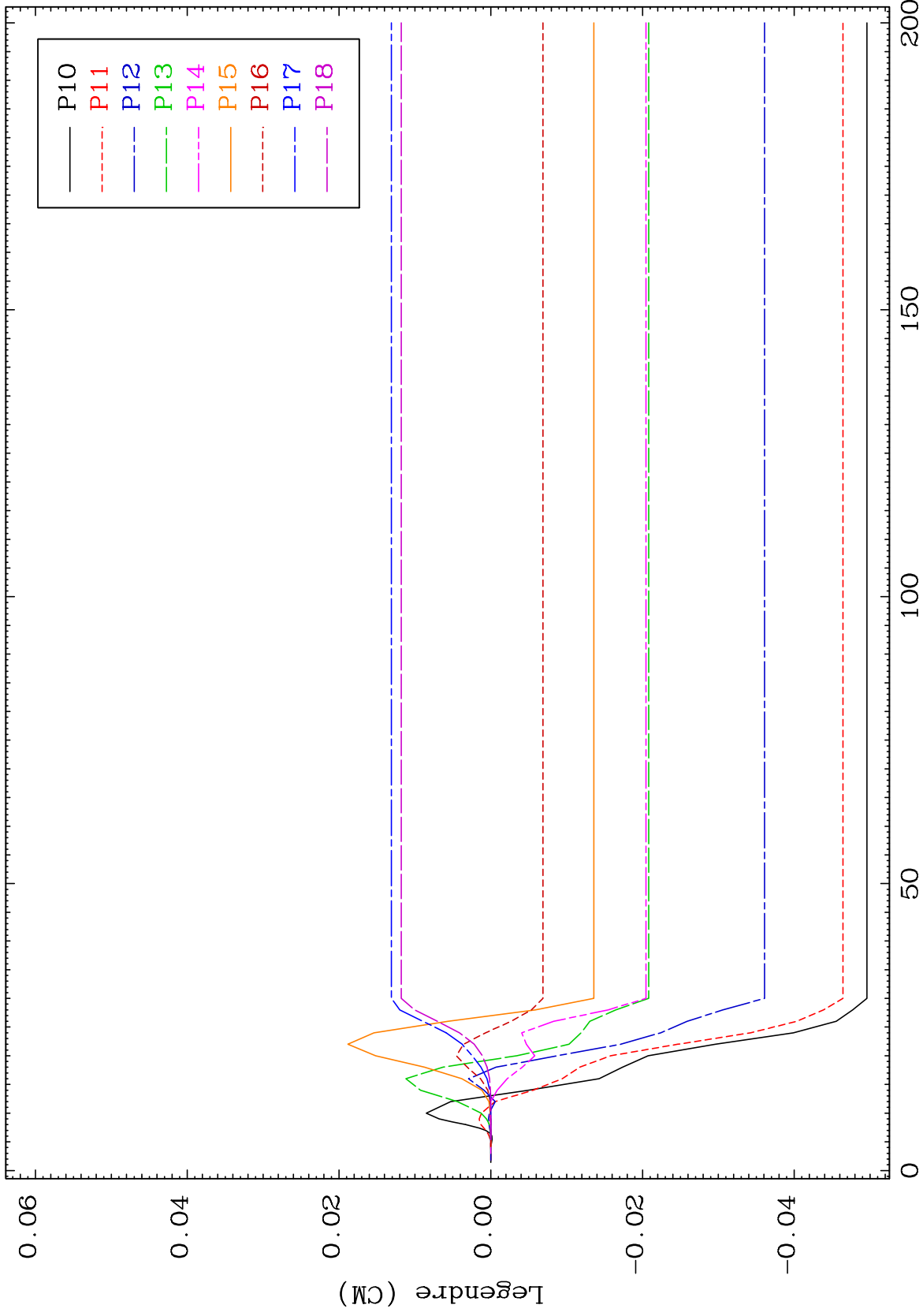
Incident Energy (MeV)

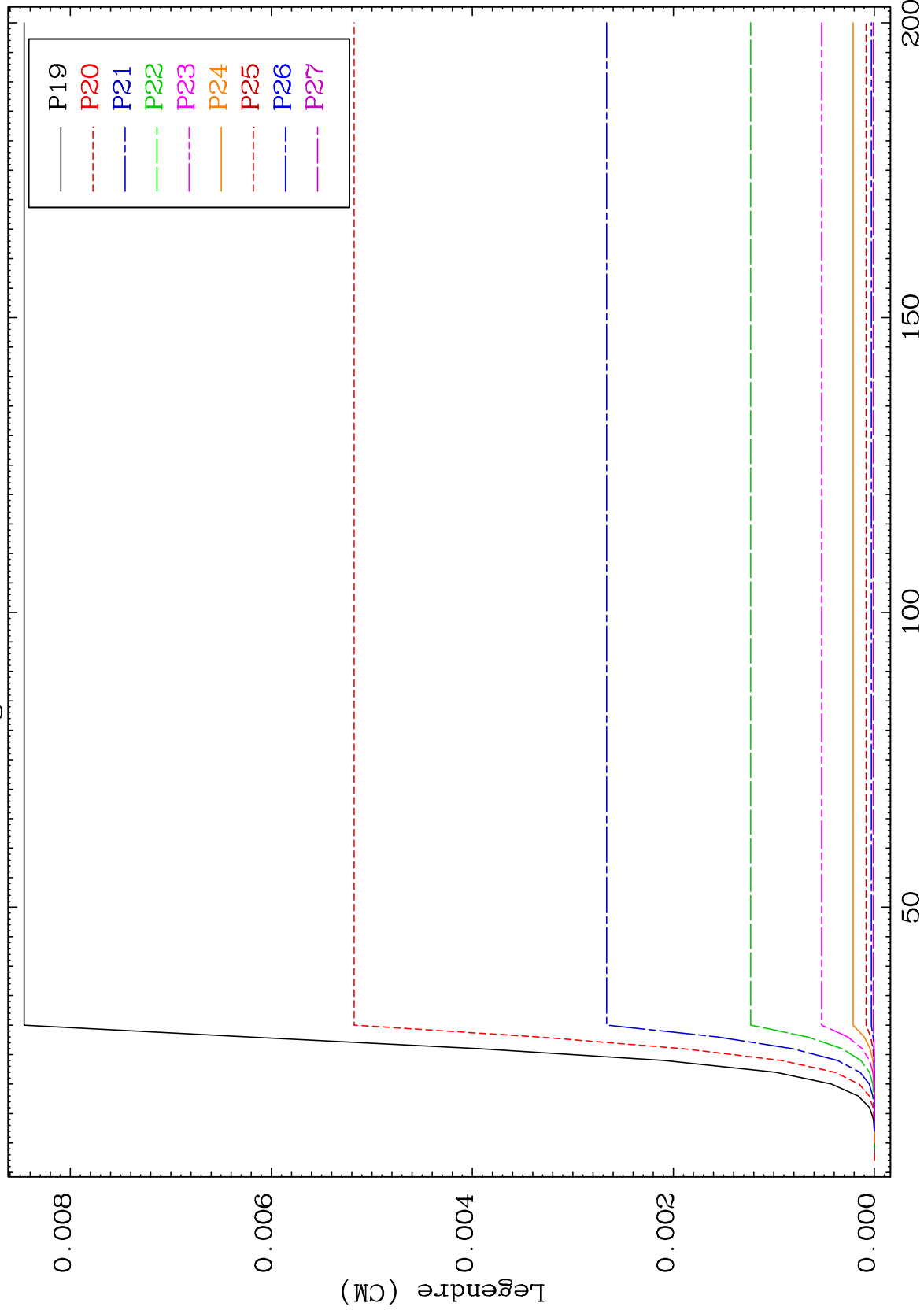
53-I -127







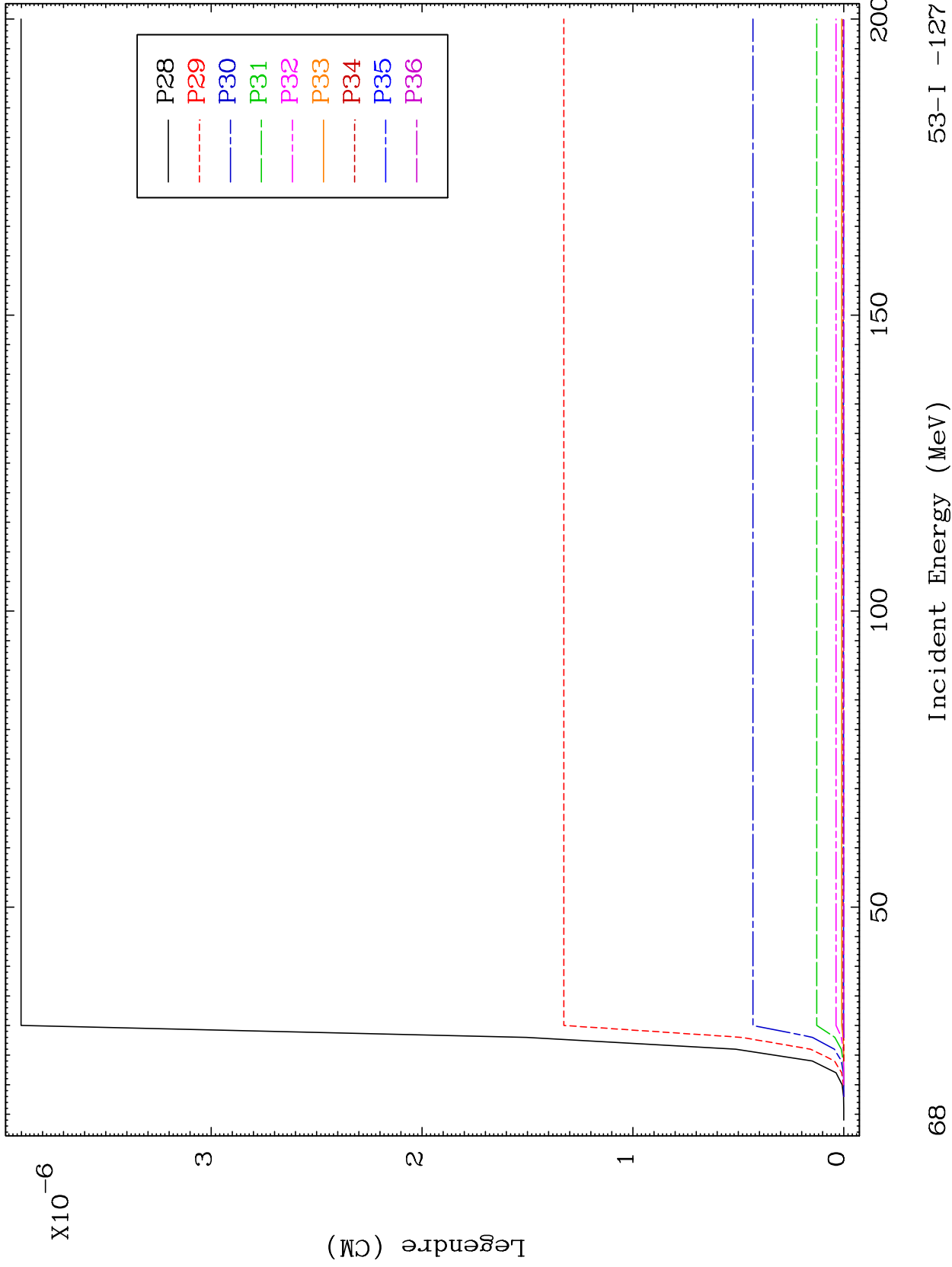


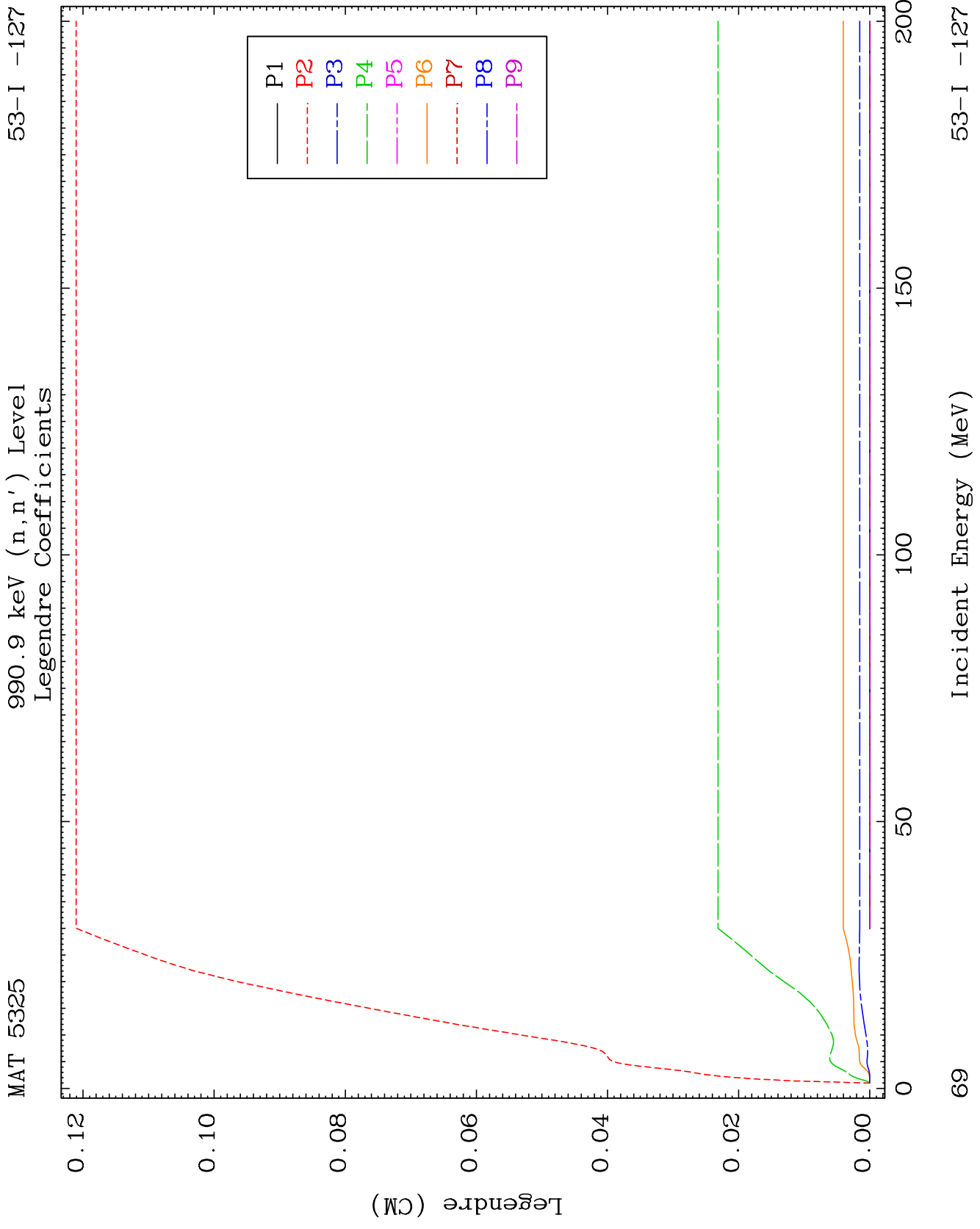


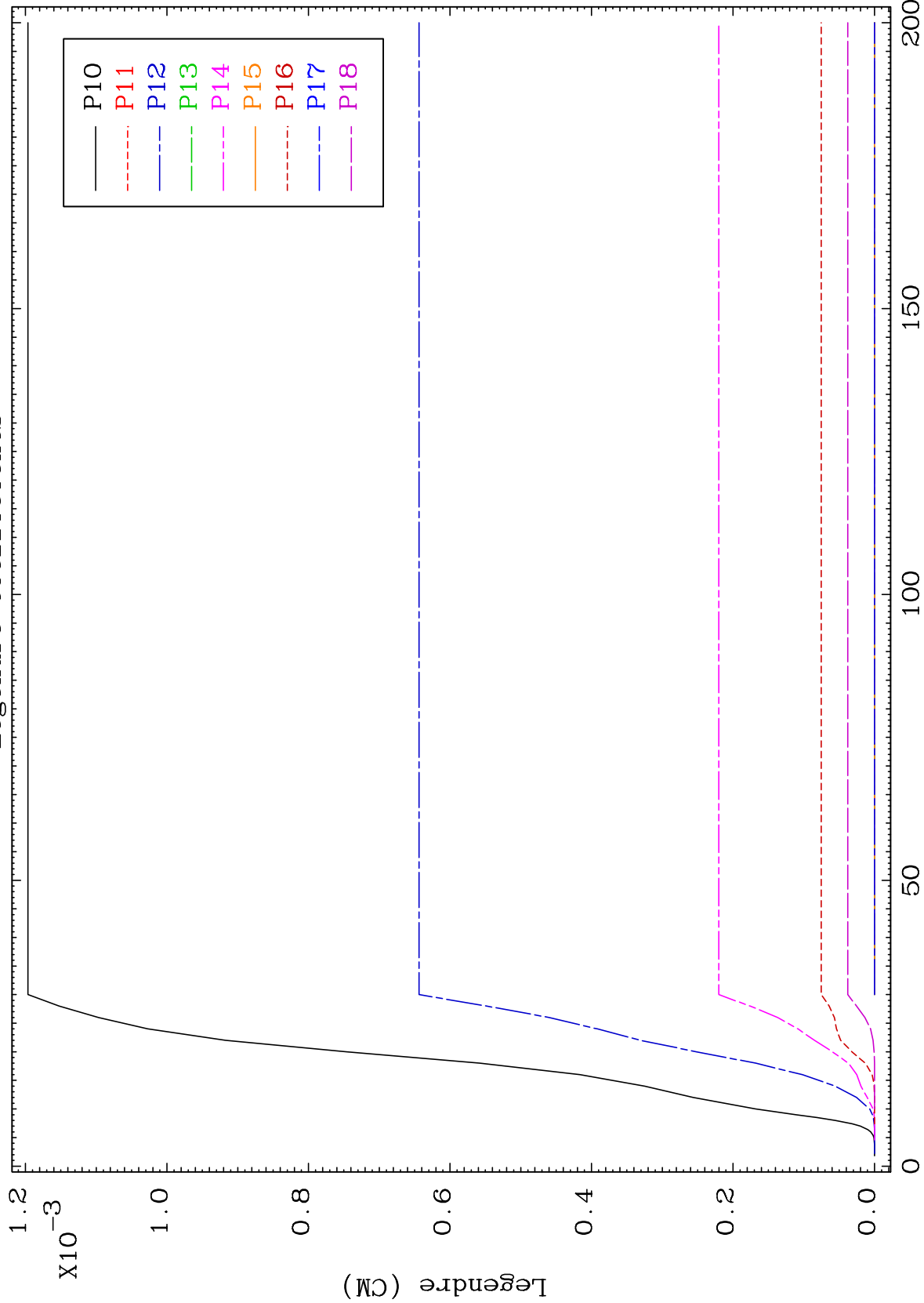
MAT 5325

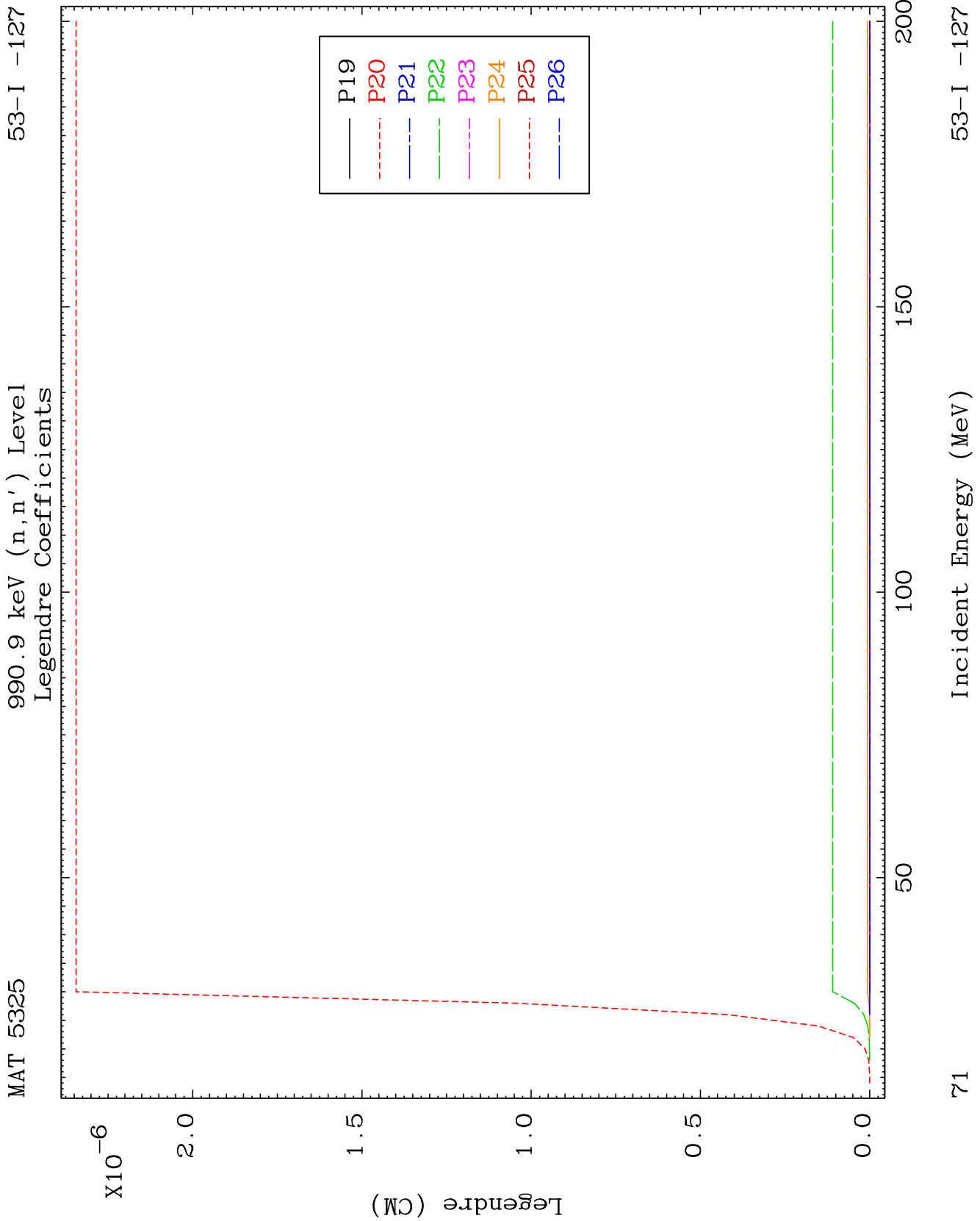
883.0 keV (n,n') Level
Legendre Coefficients

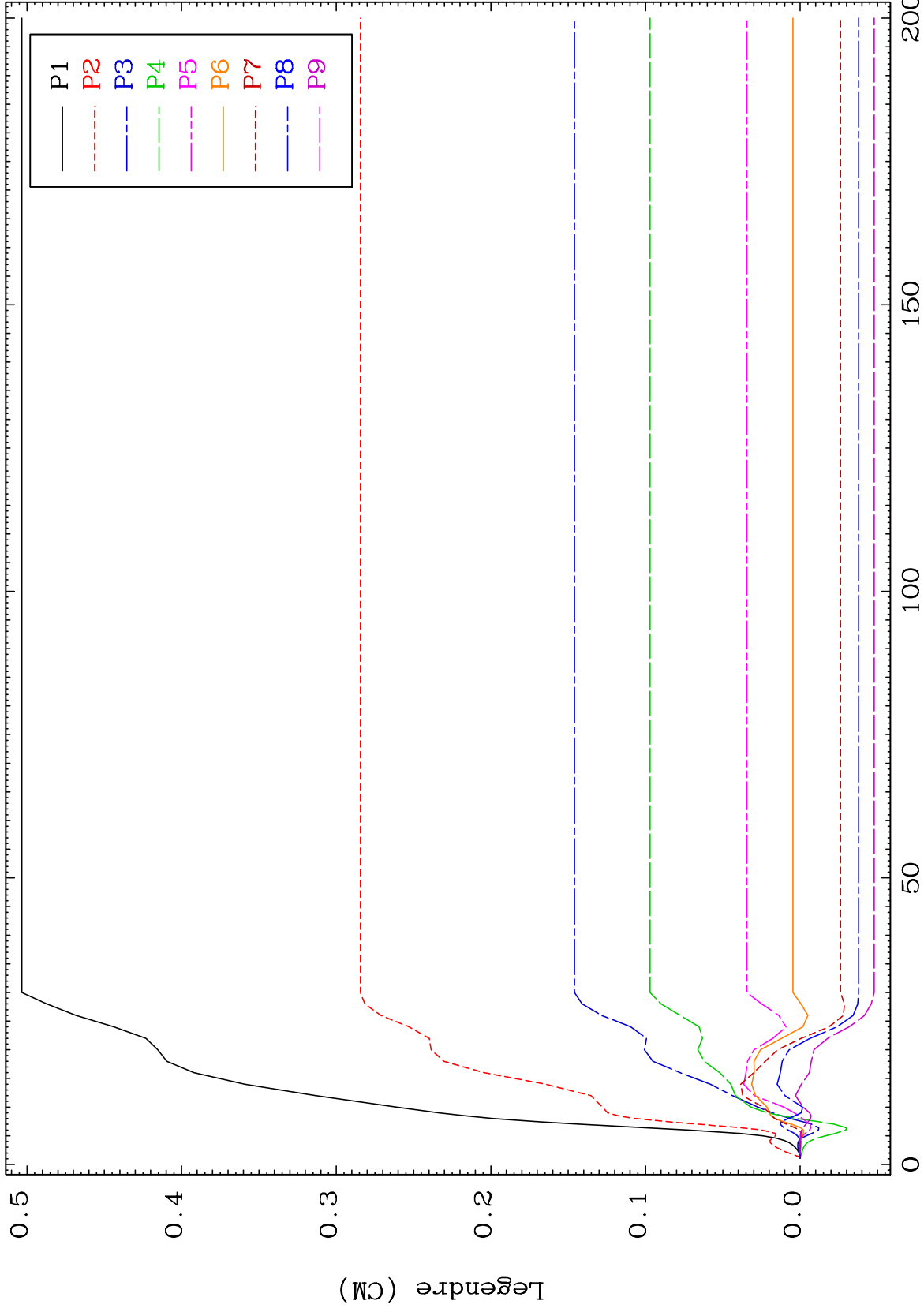
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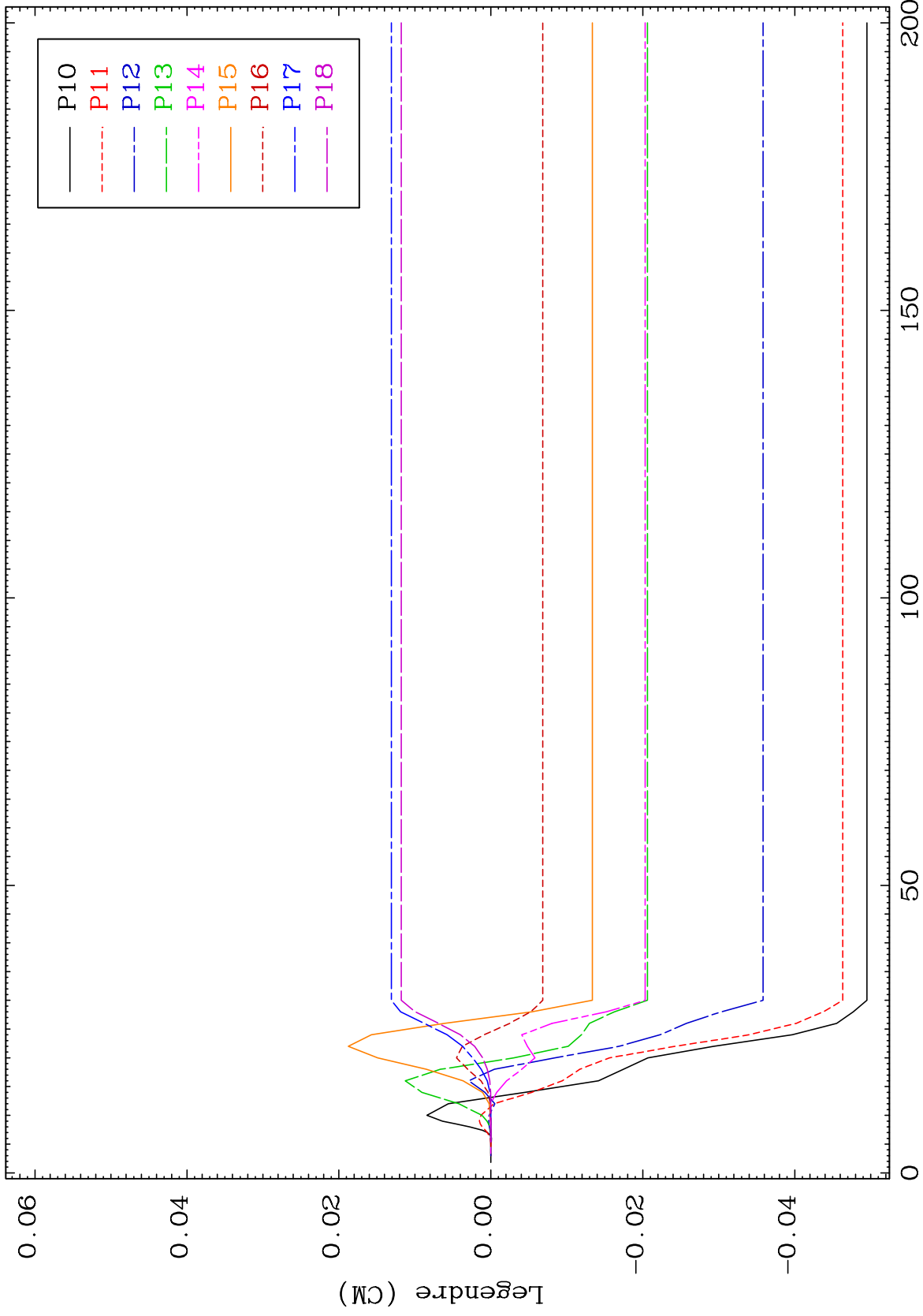


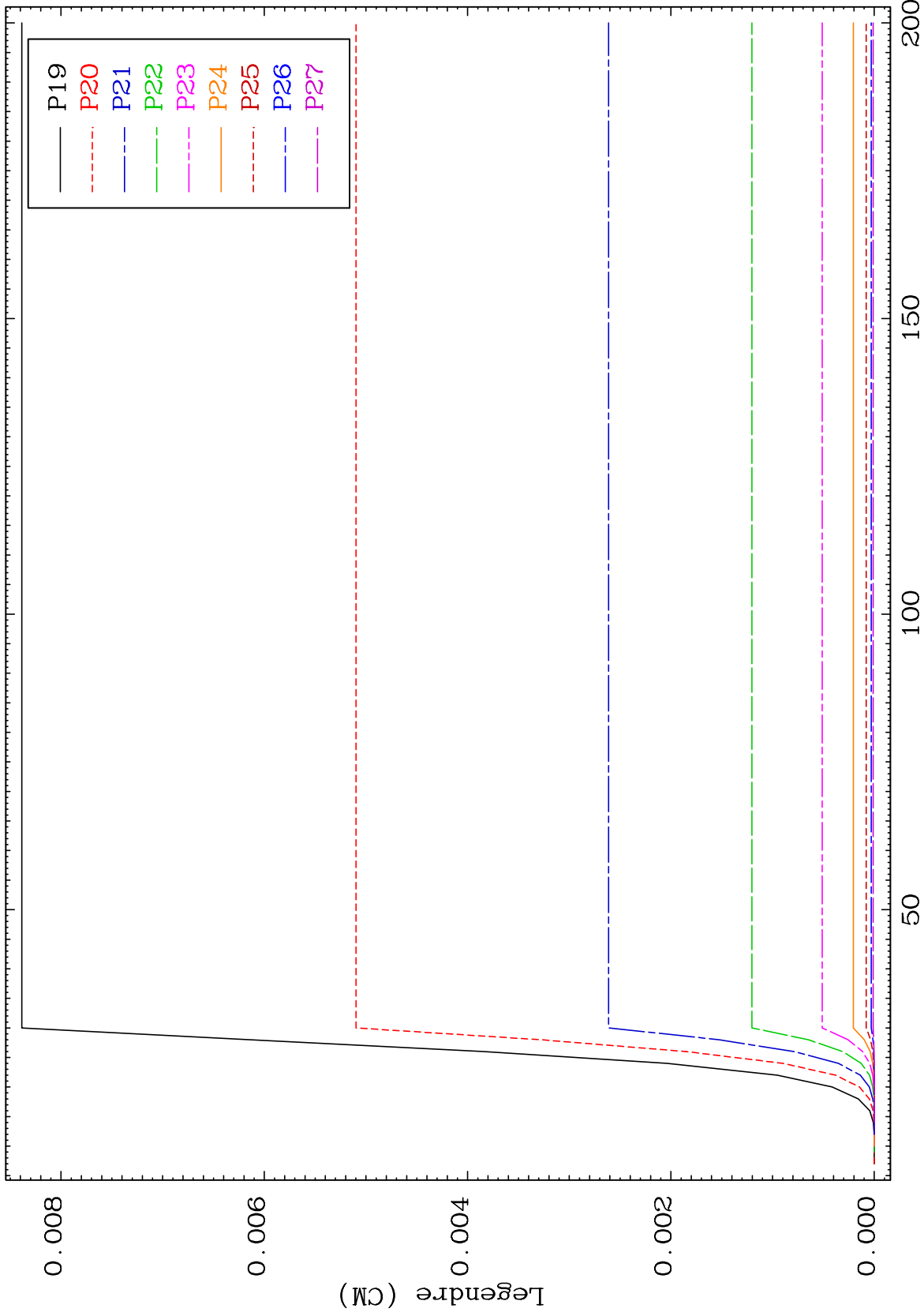


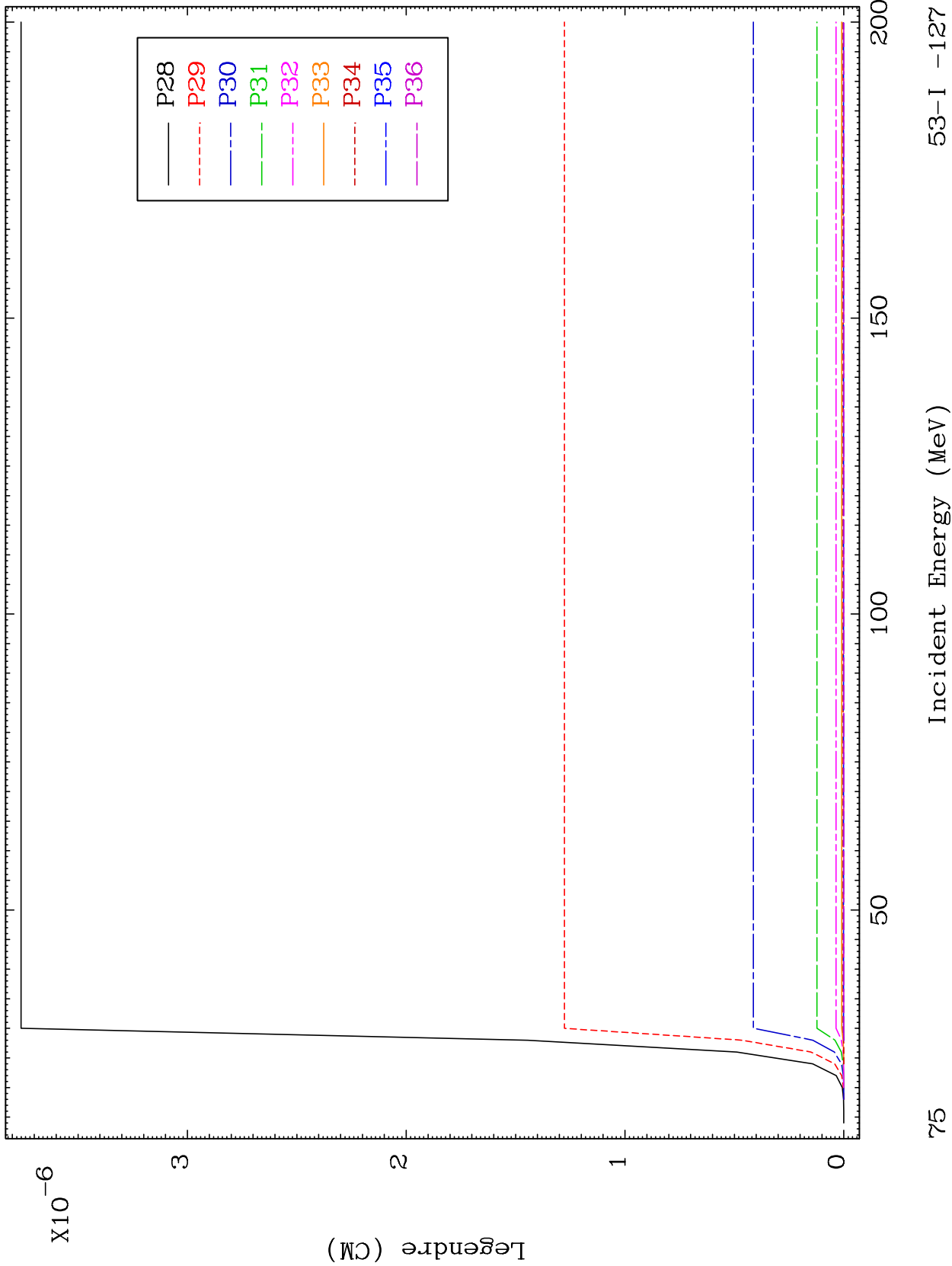


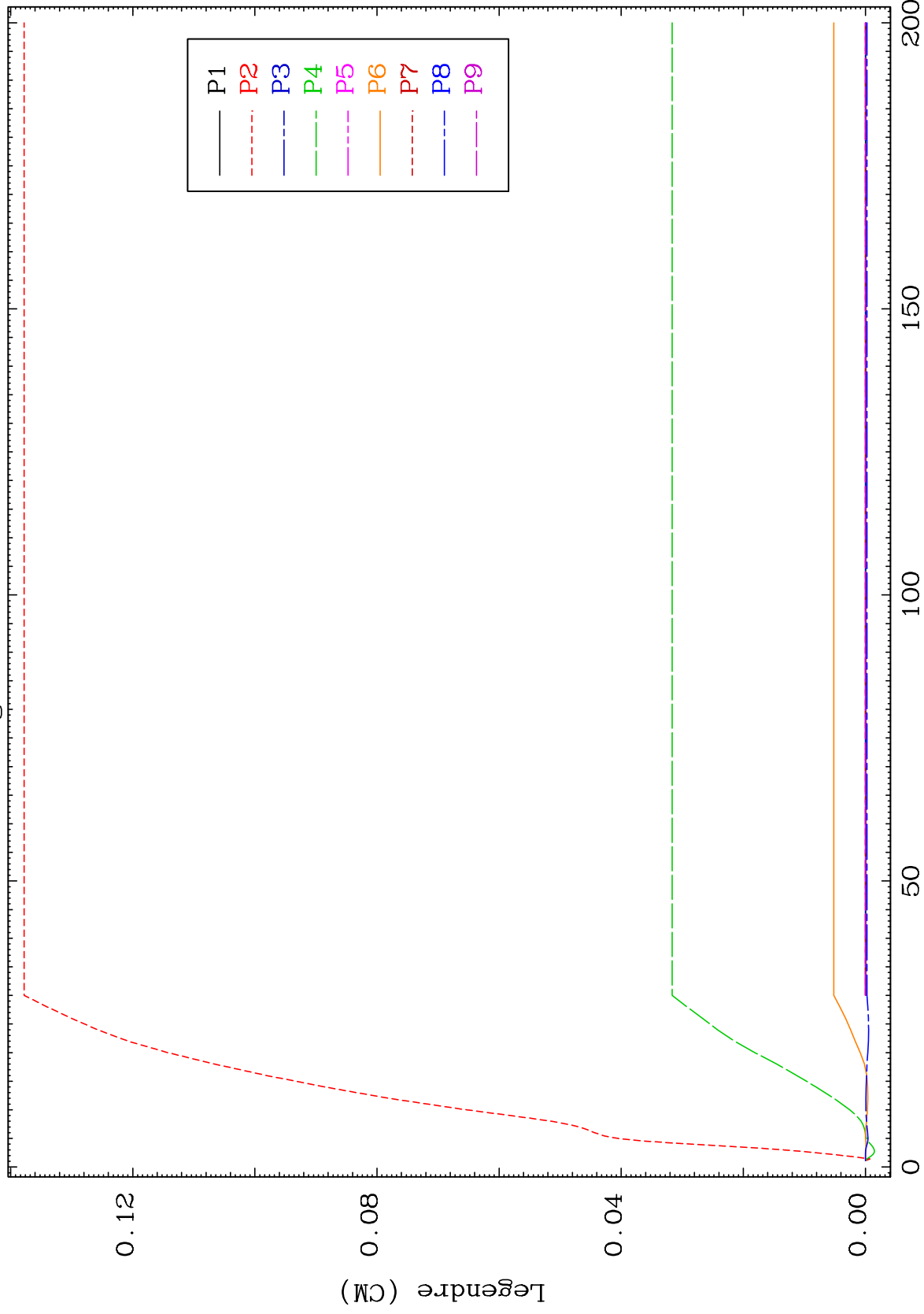


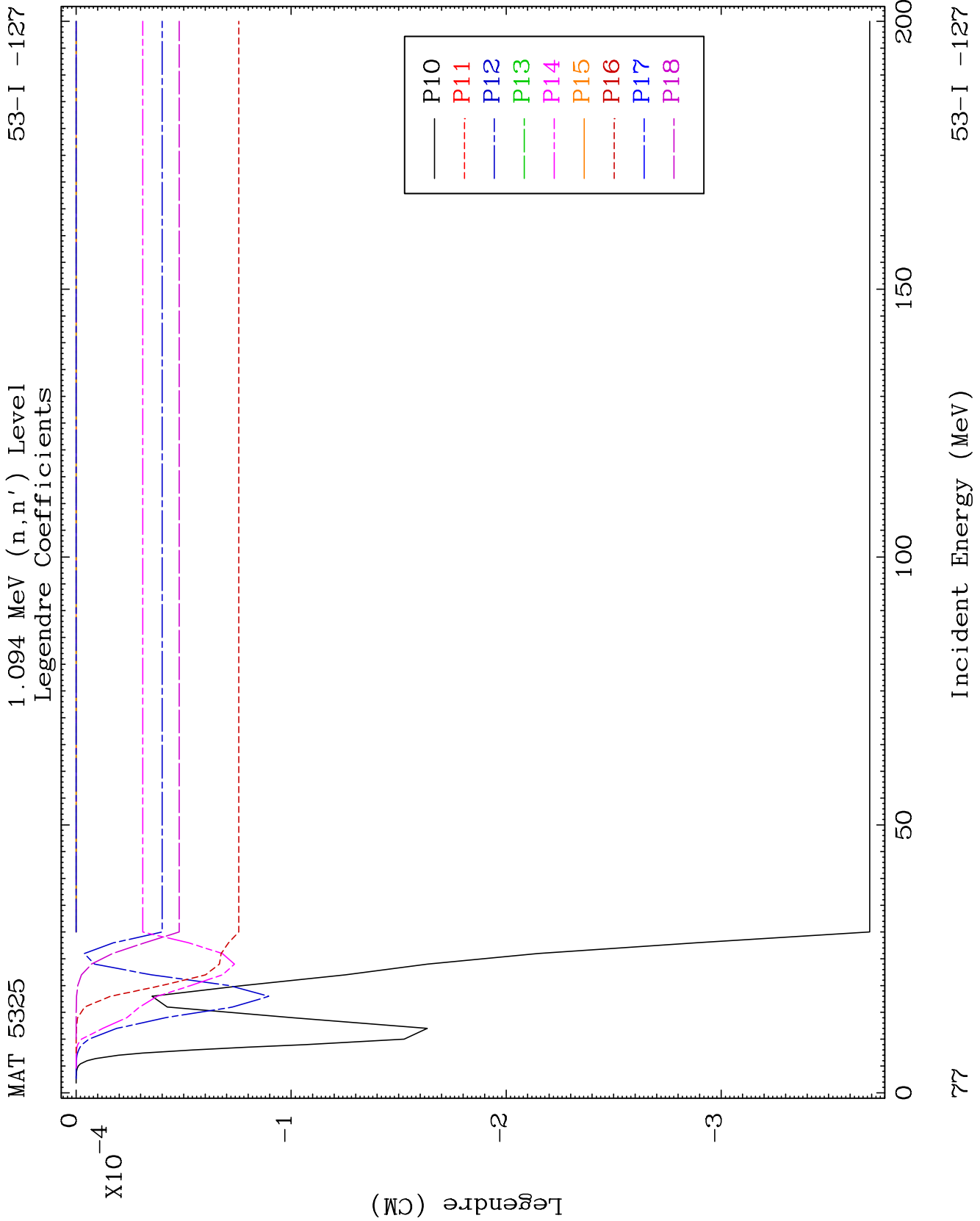


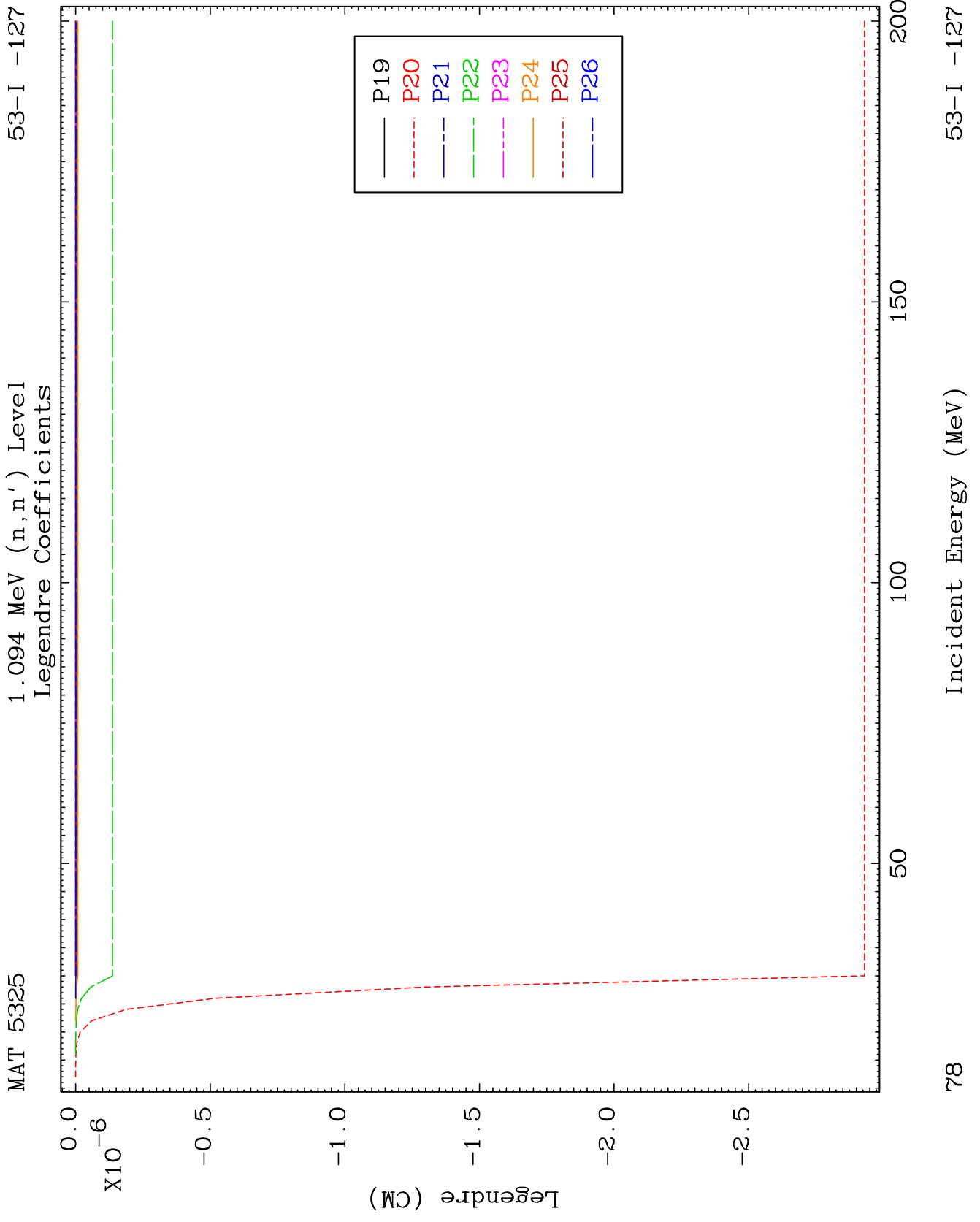


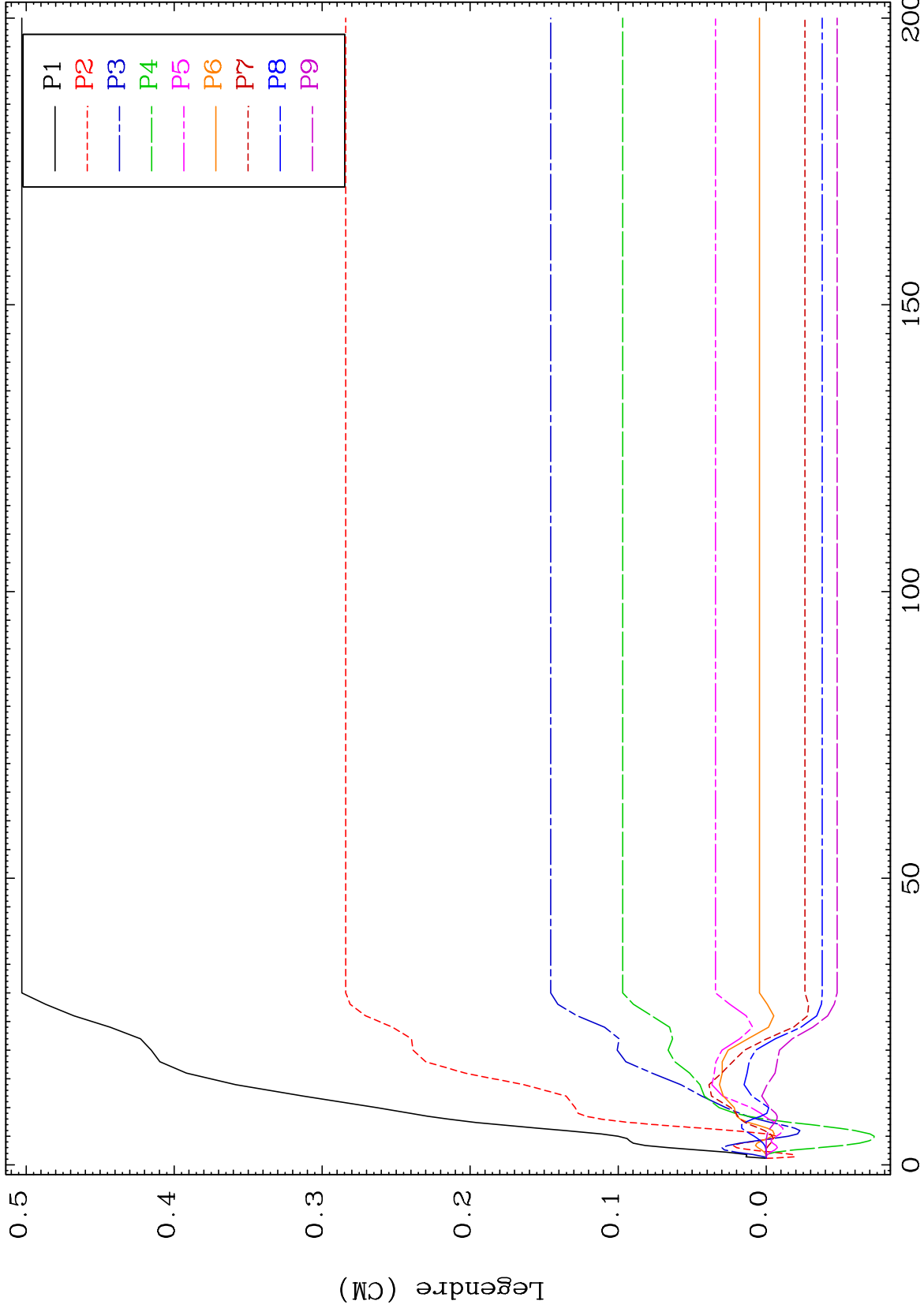








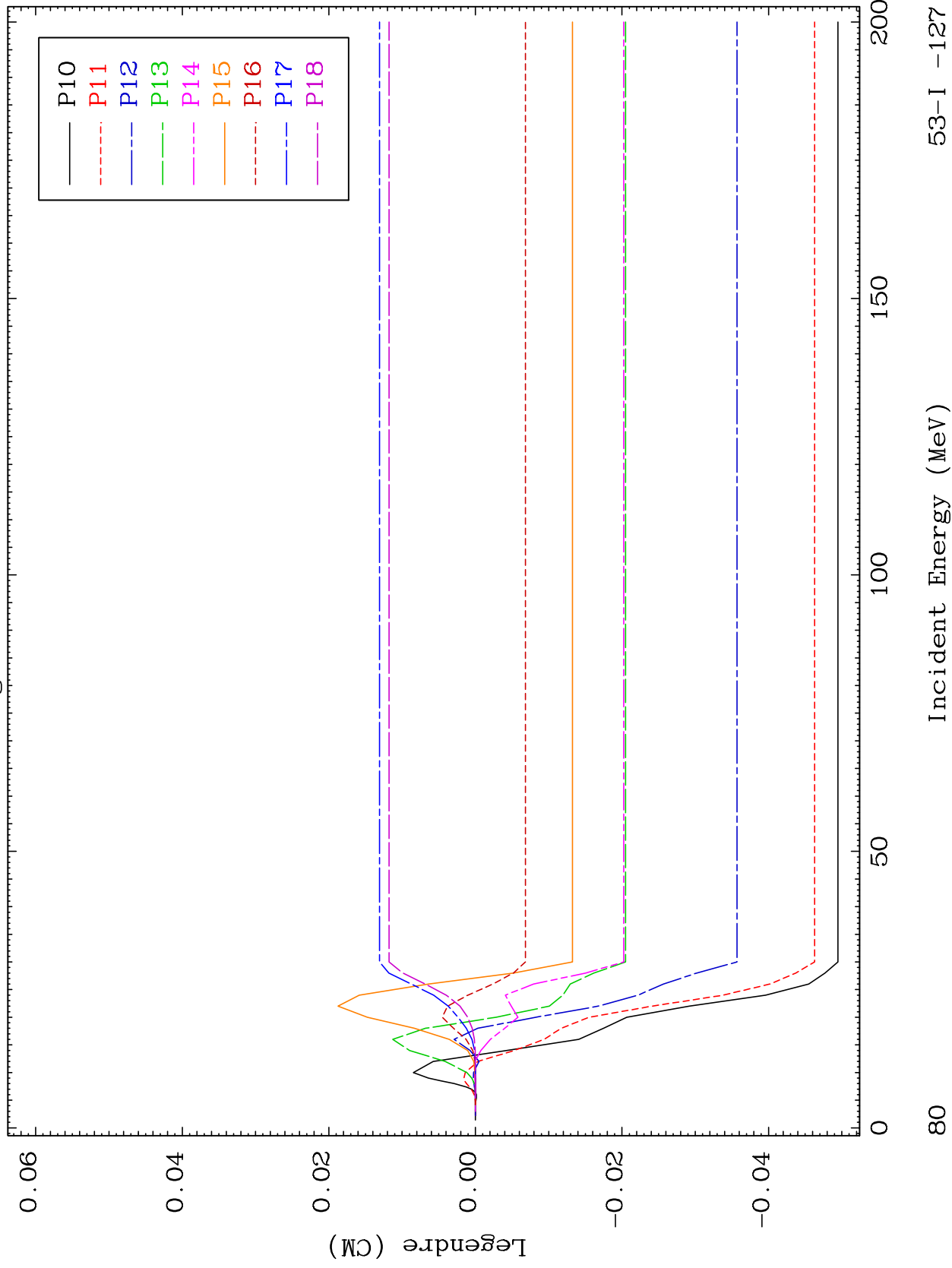




MAT 5325

1.123 MeV (n,n') Level
Legendre Coefficients

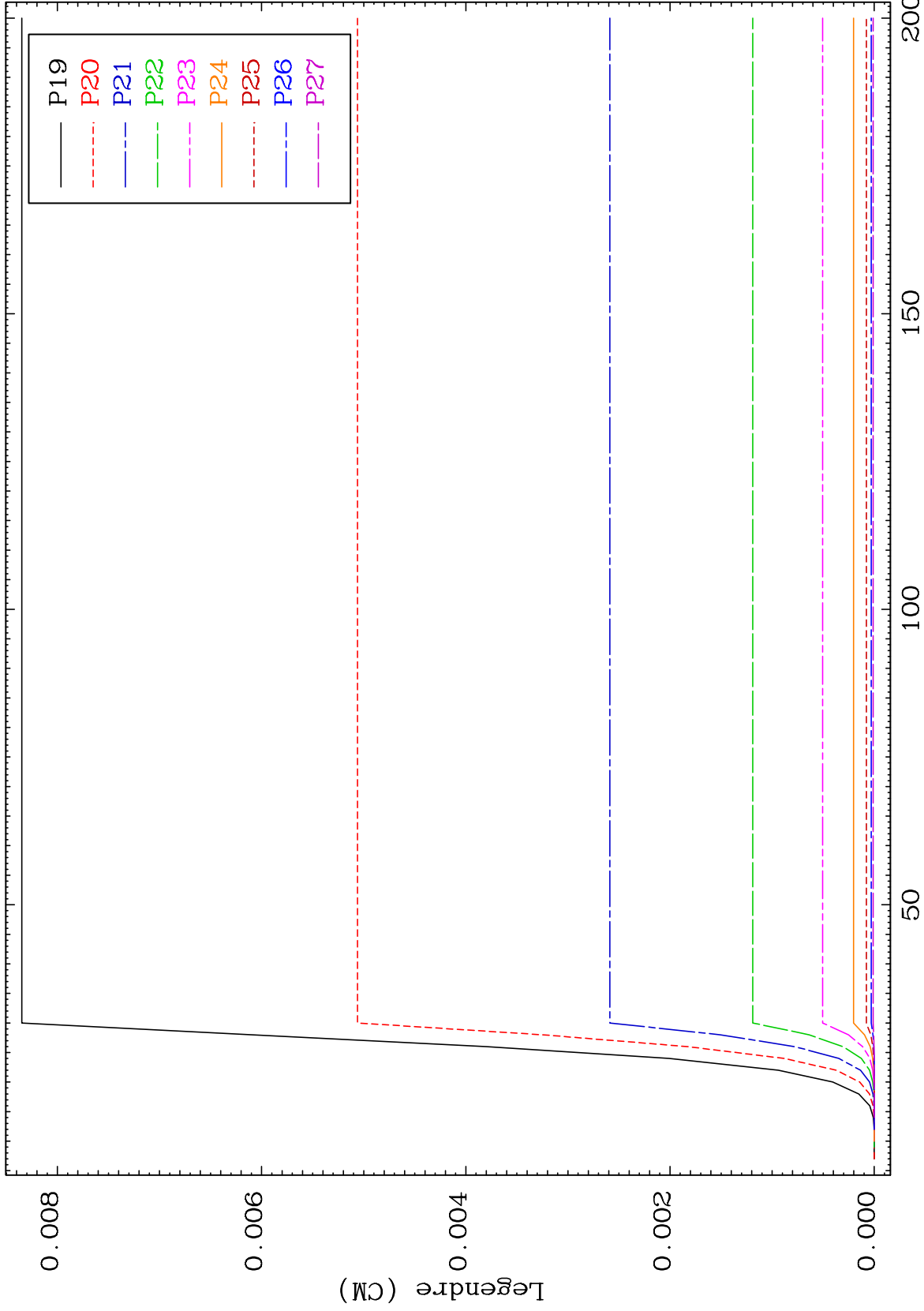
53-I -127

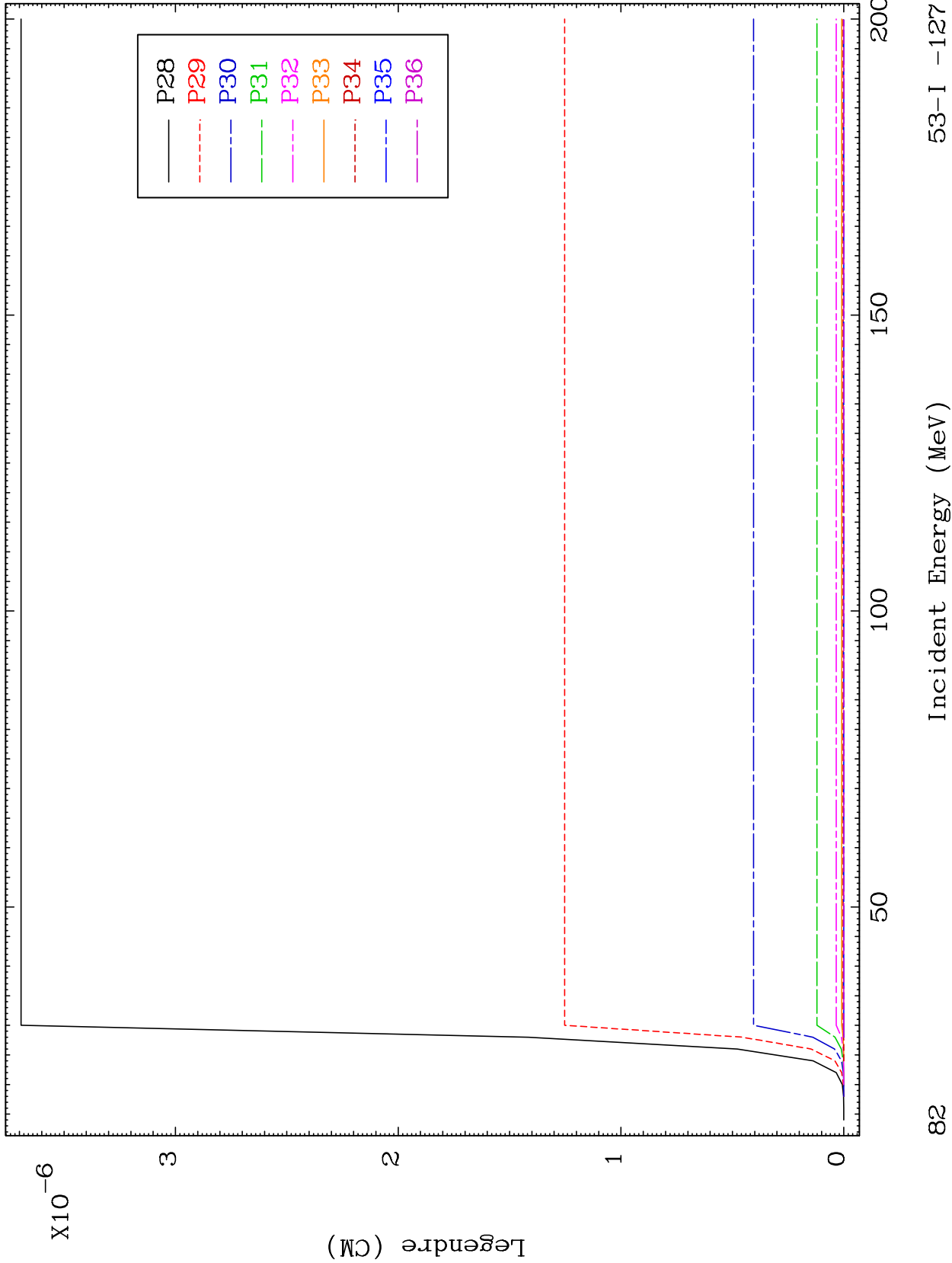


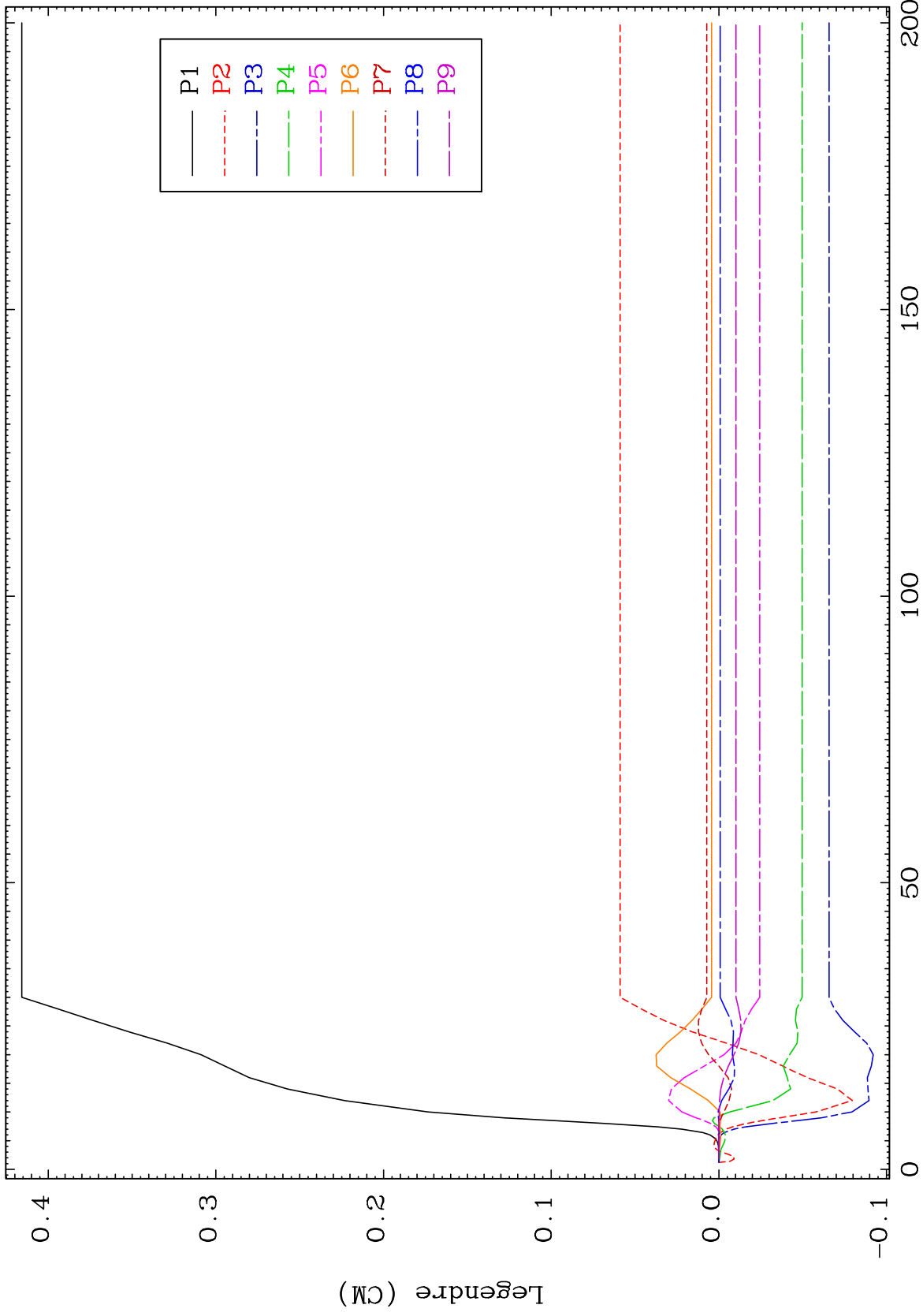
53-I -127

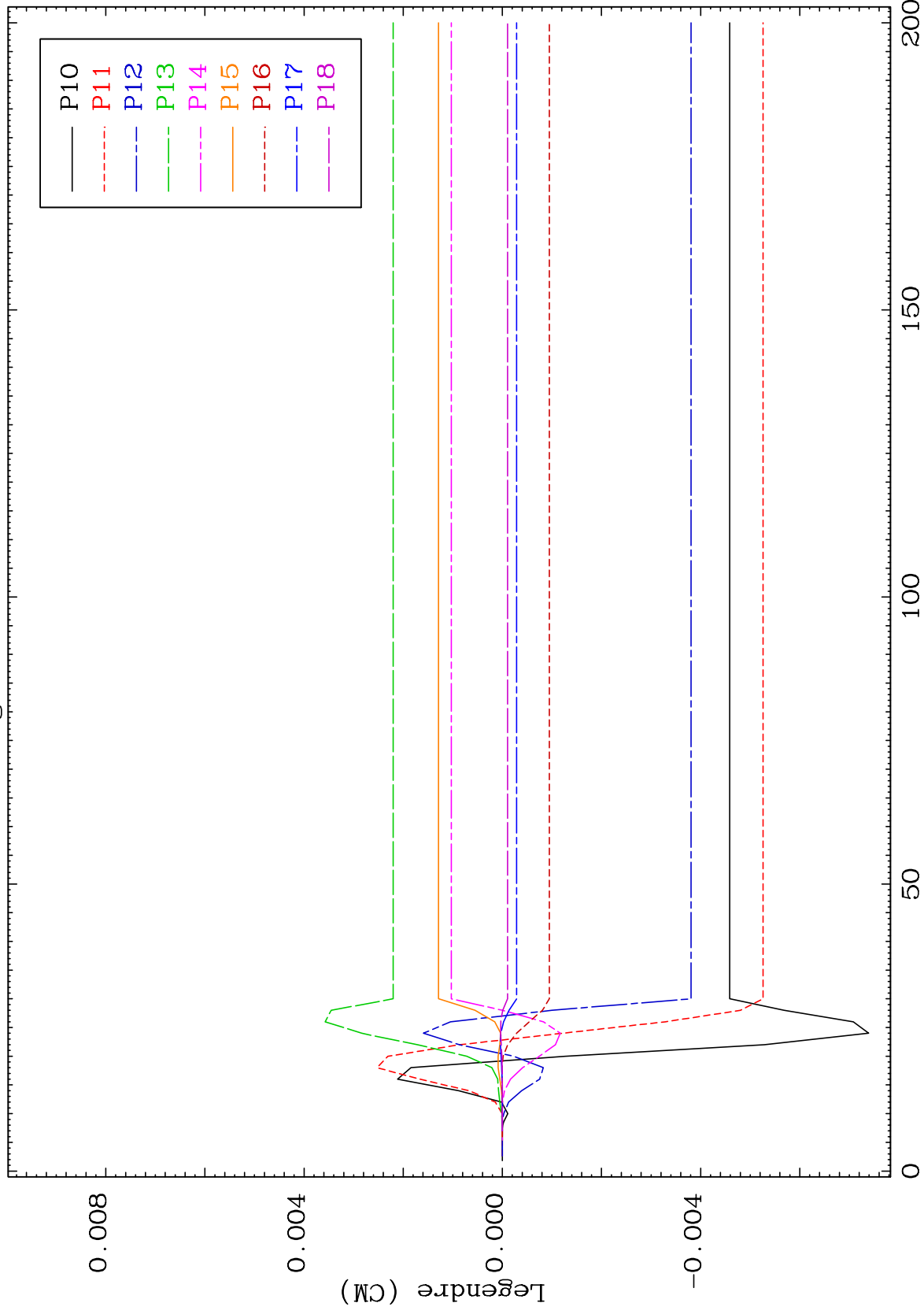
Incident Energy (MeV)

80





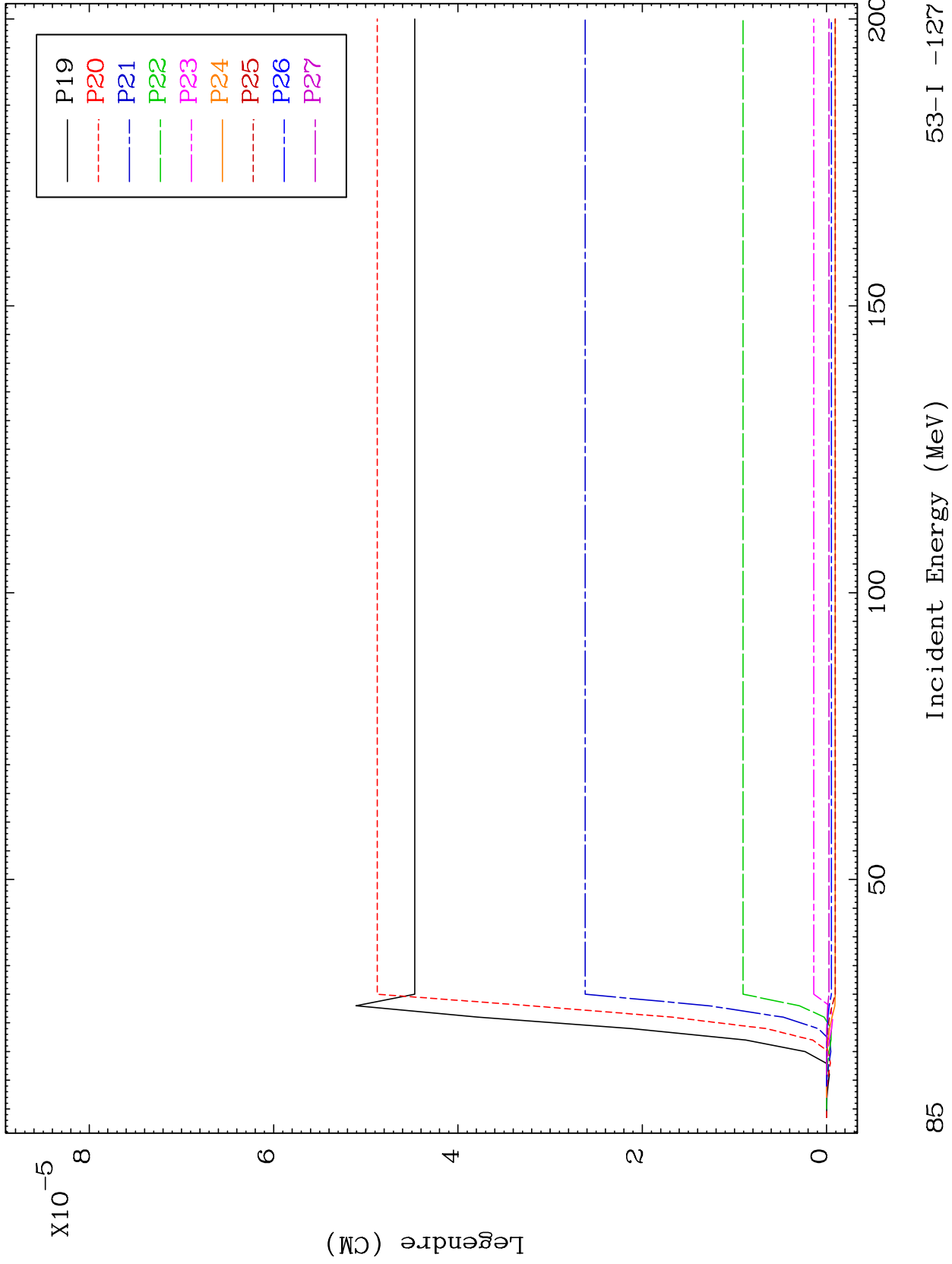


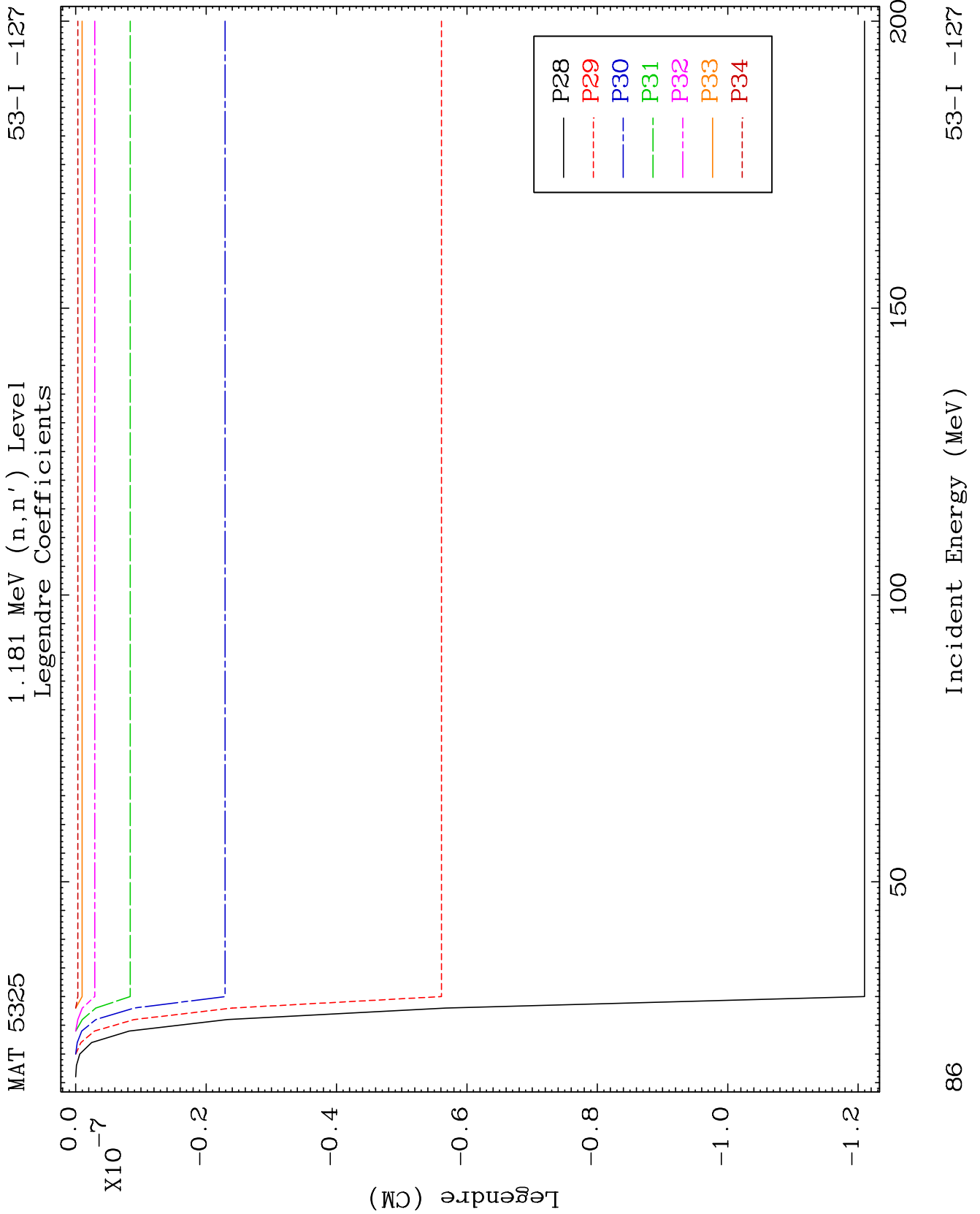


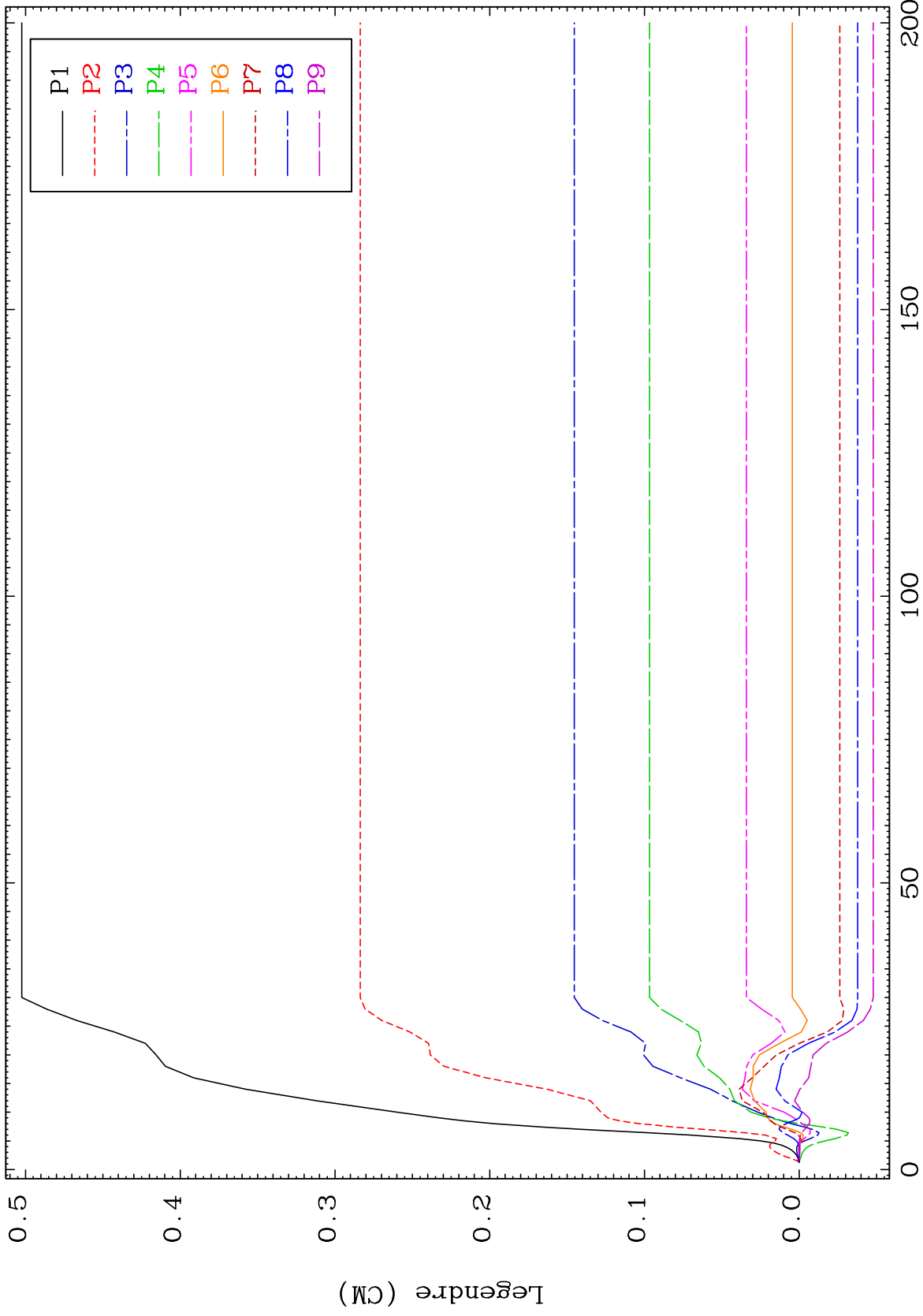
MAT 5325

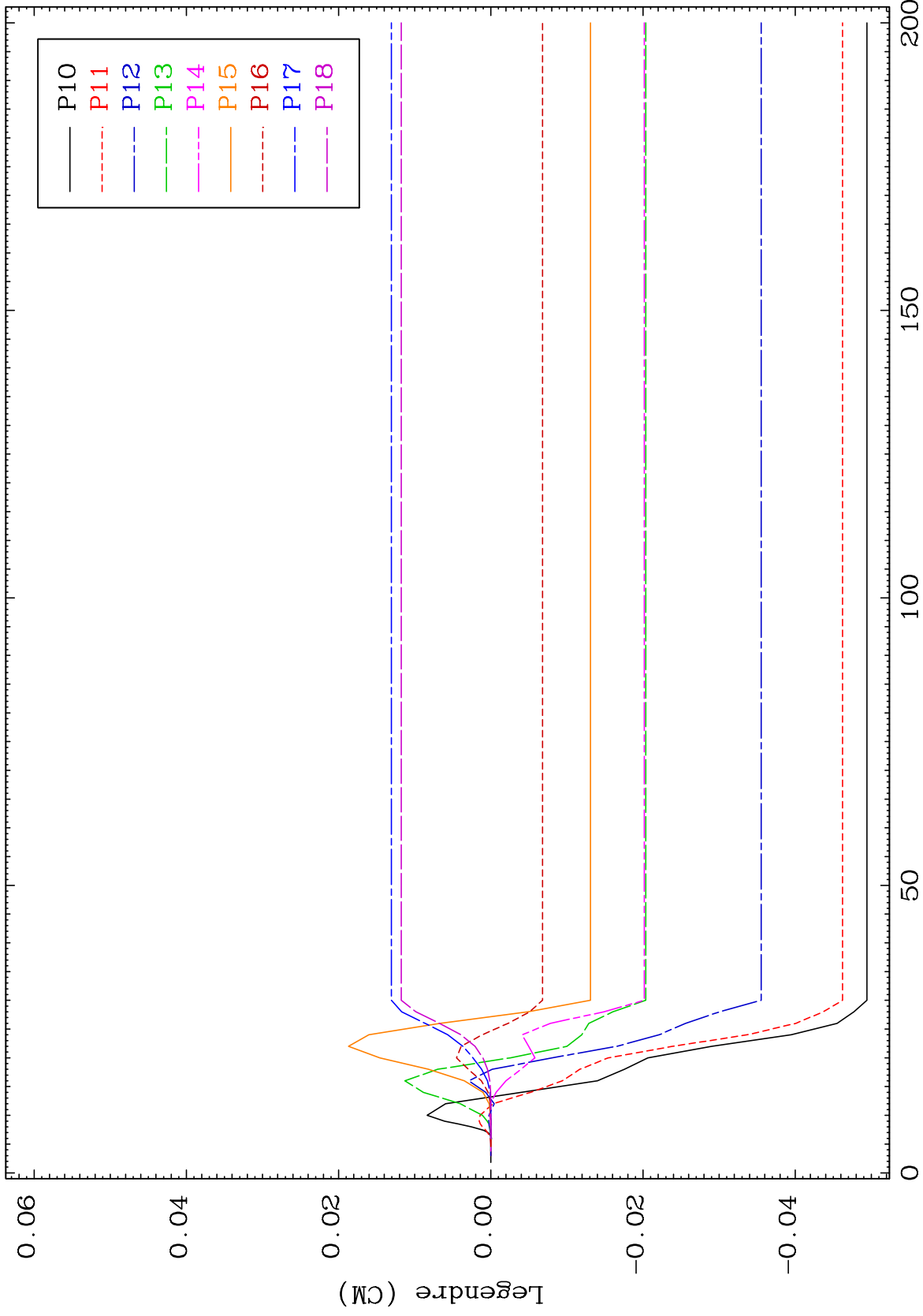
1.181 MeV (n,n') Level
Legendre Coefficients

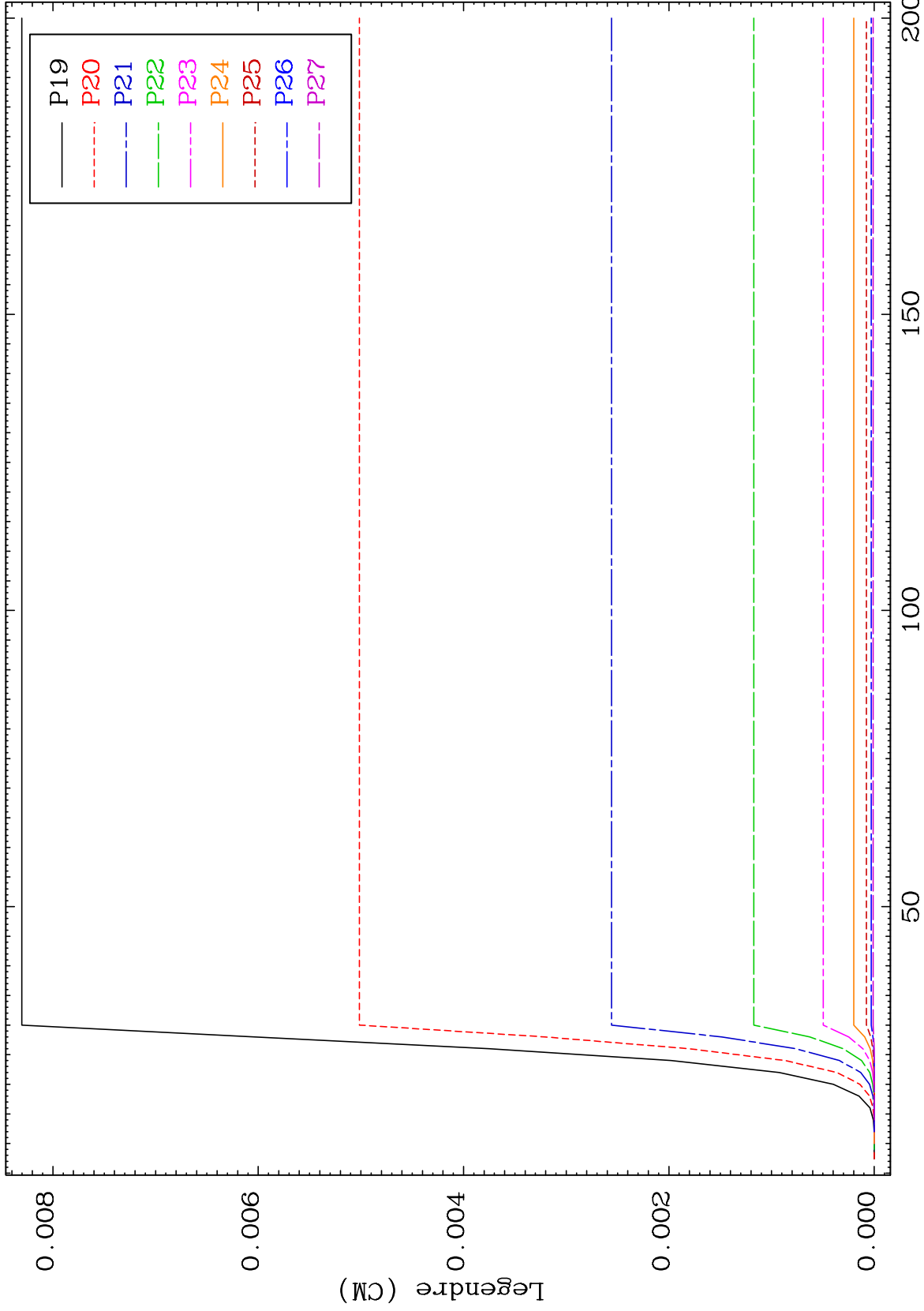
53-I -127







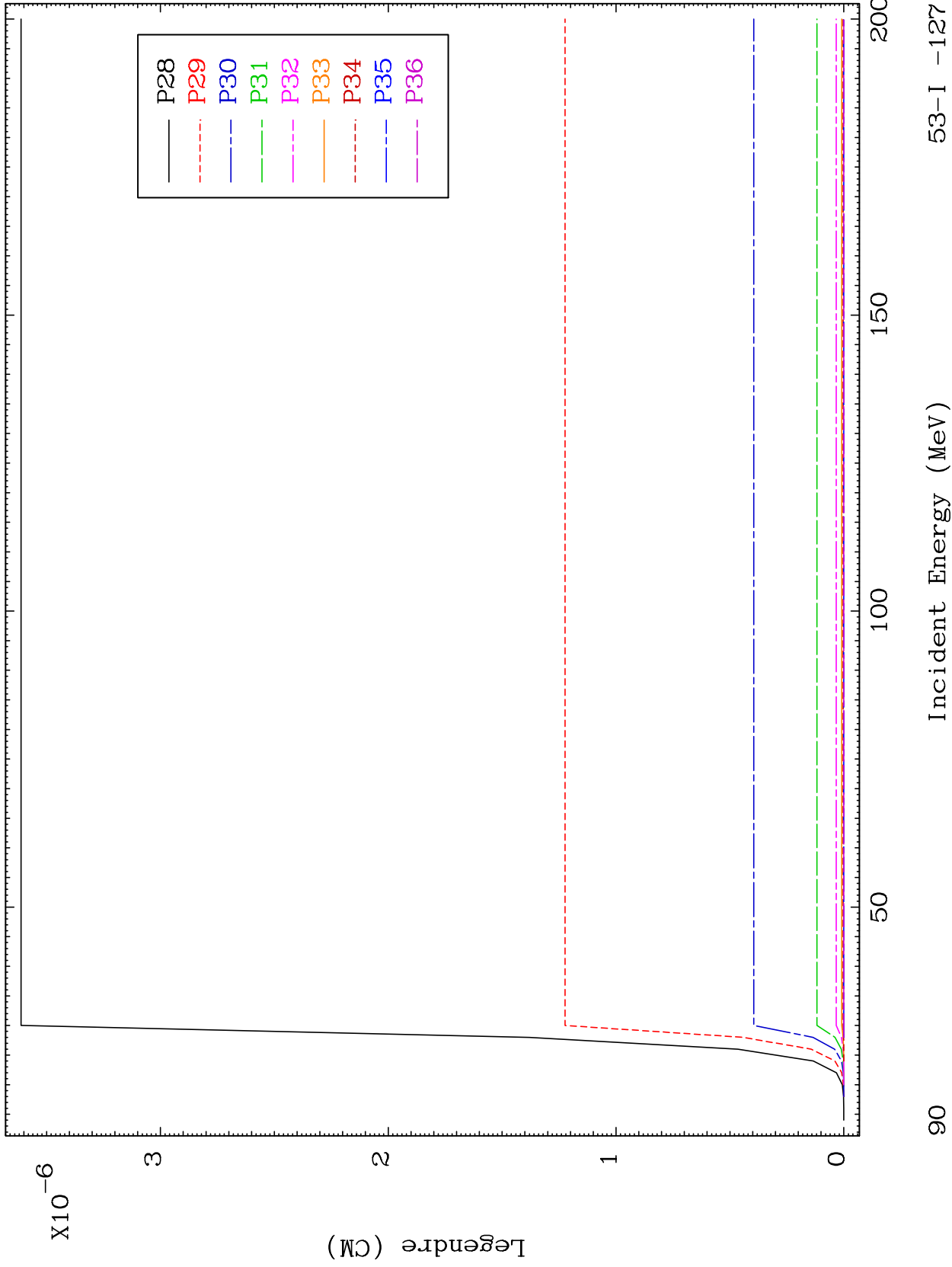


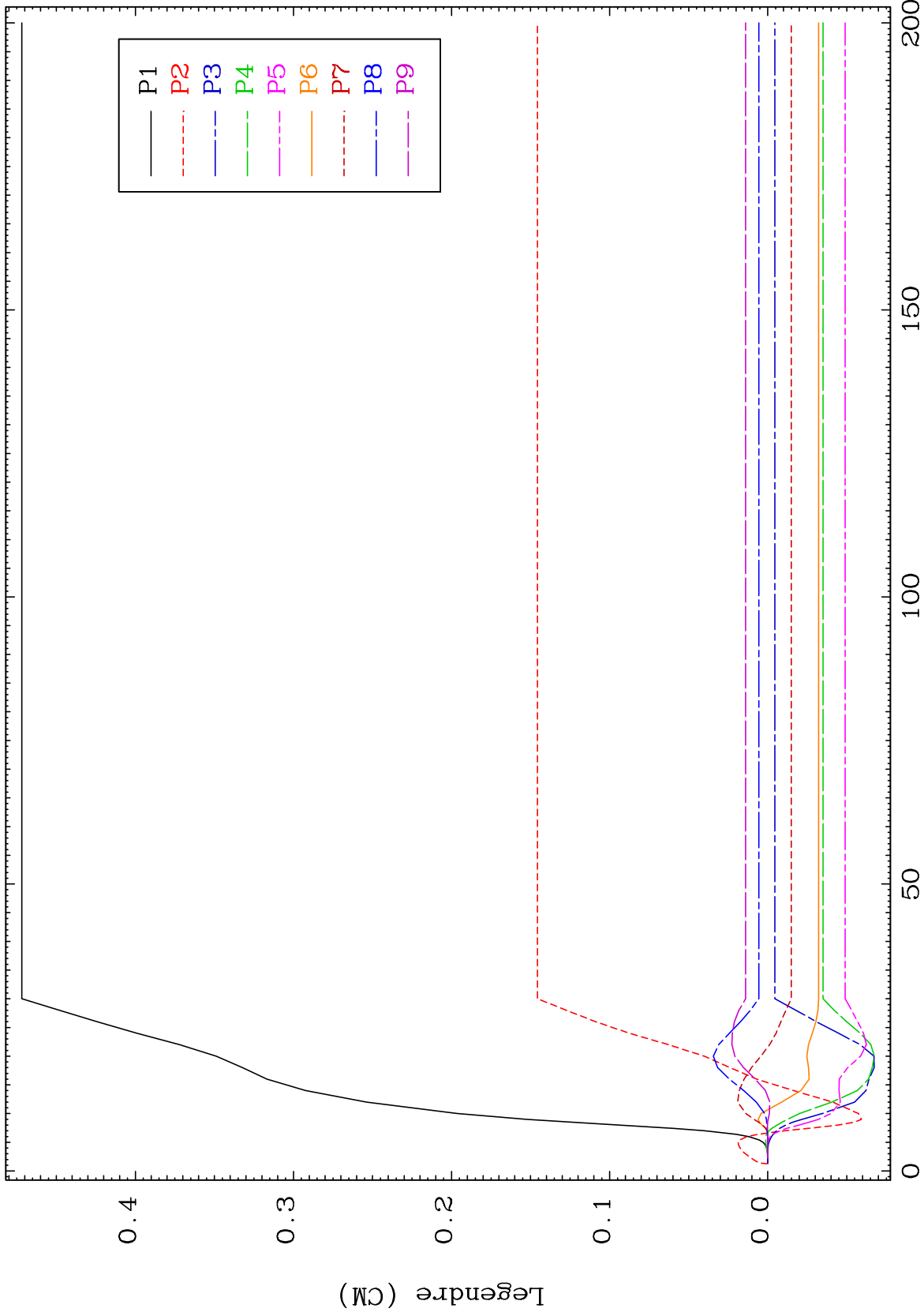


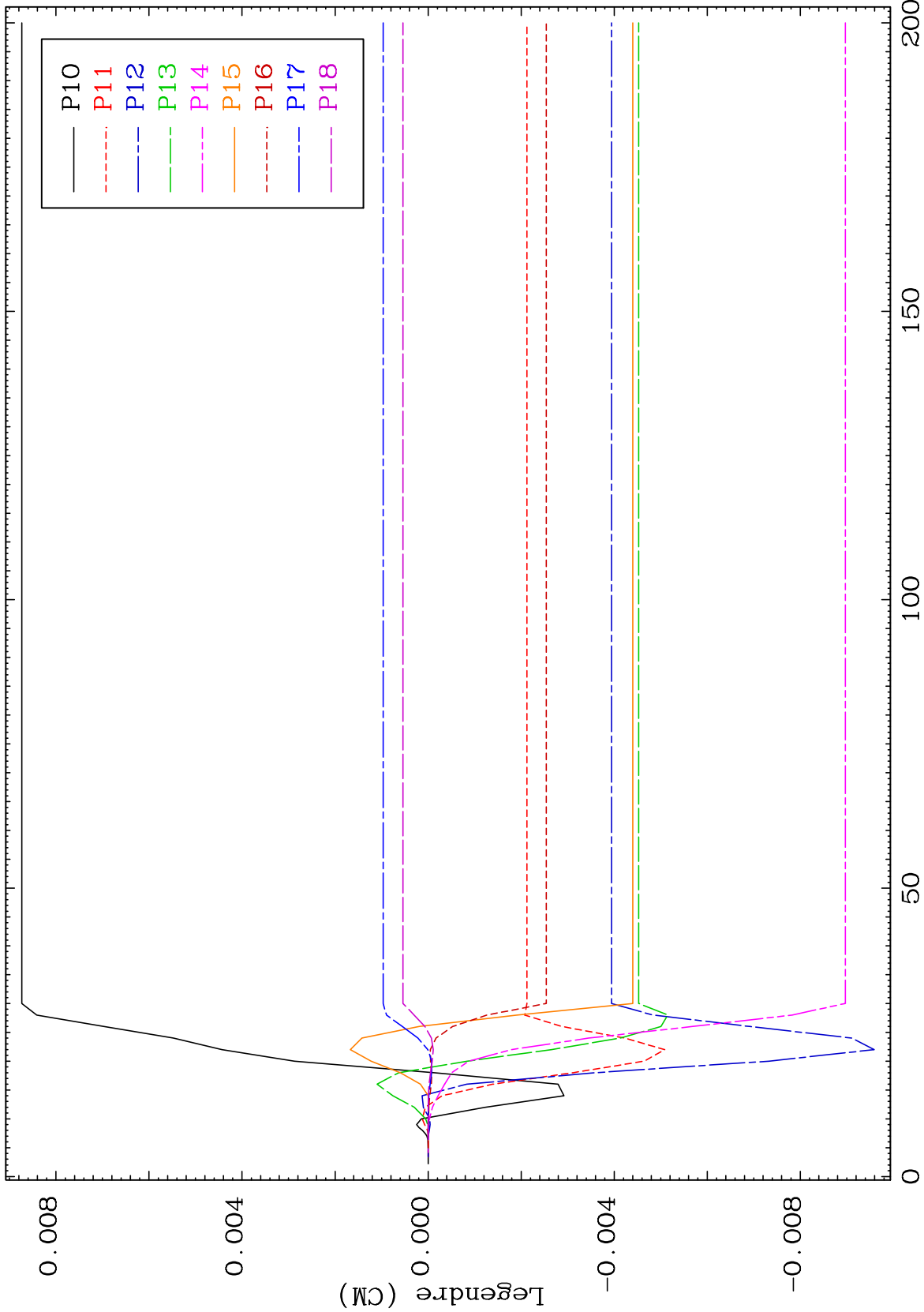
MAT 5325

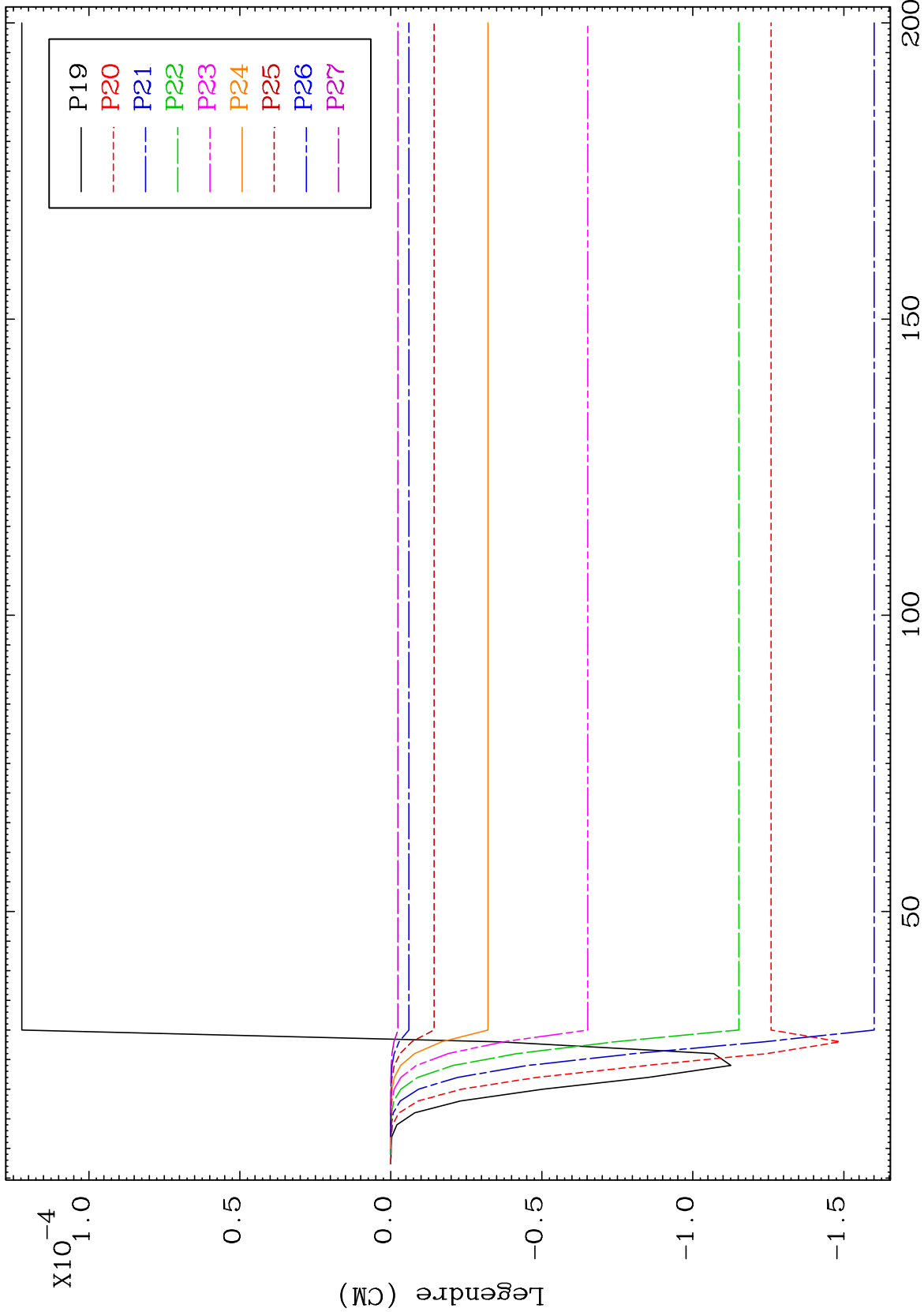
1.218 MeV (n,n') Level
Legendre Coefficients

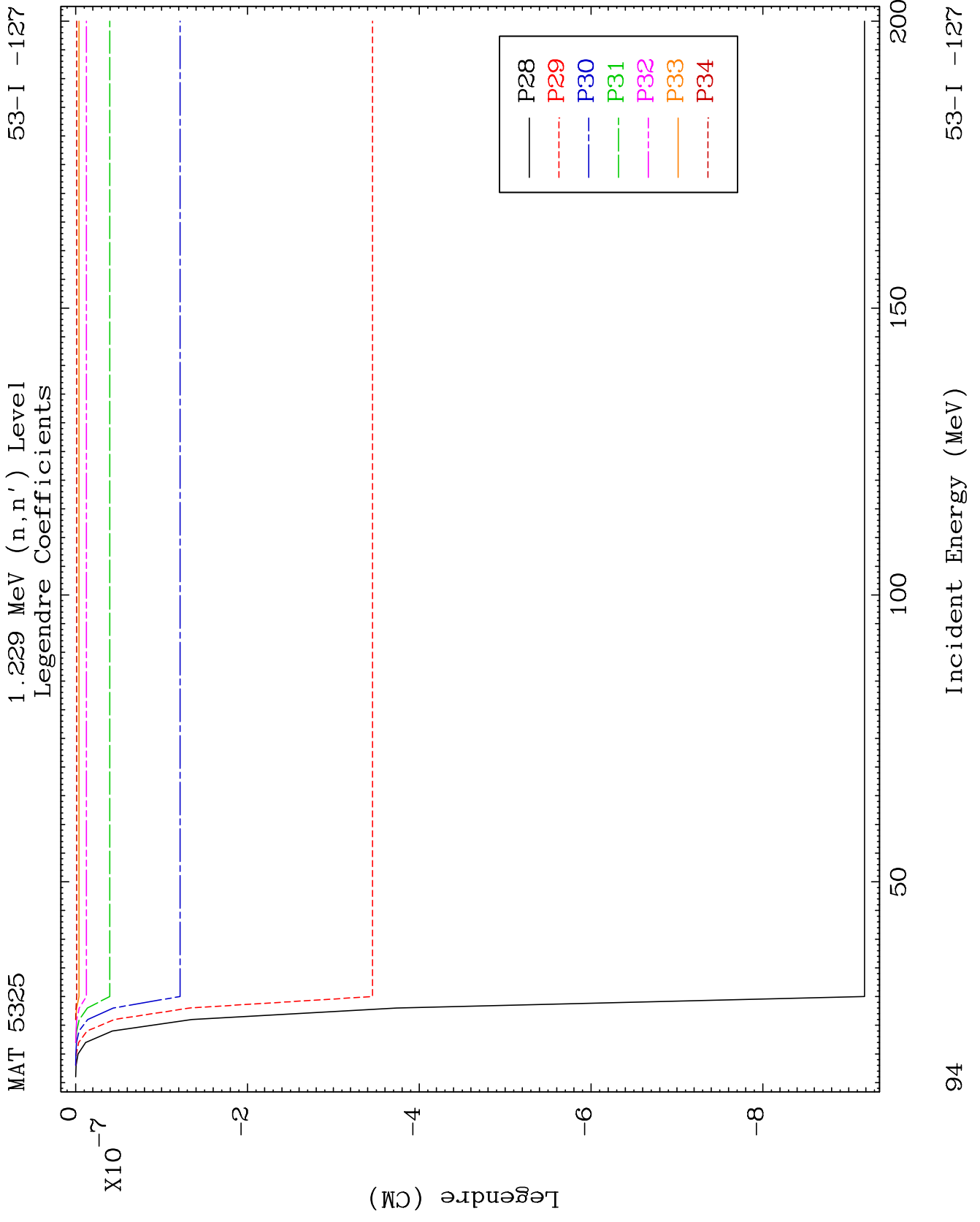
53-I -127

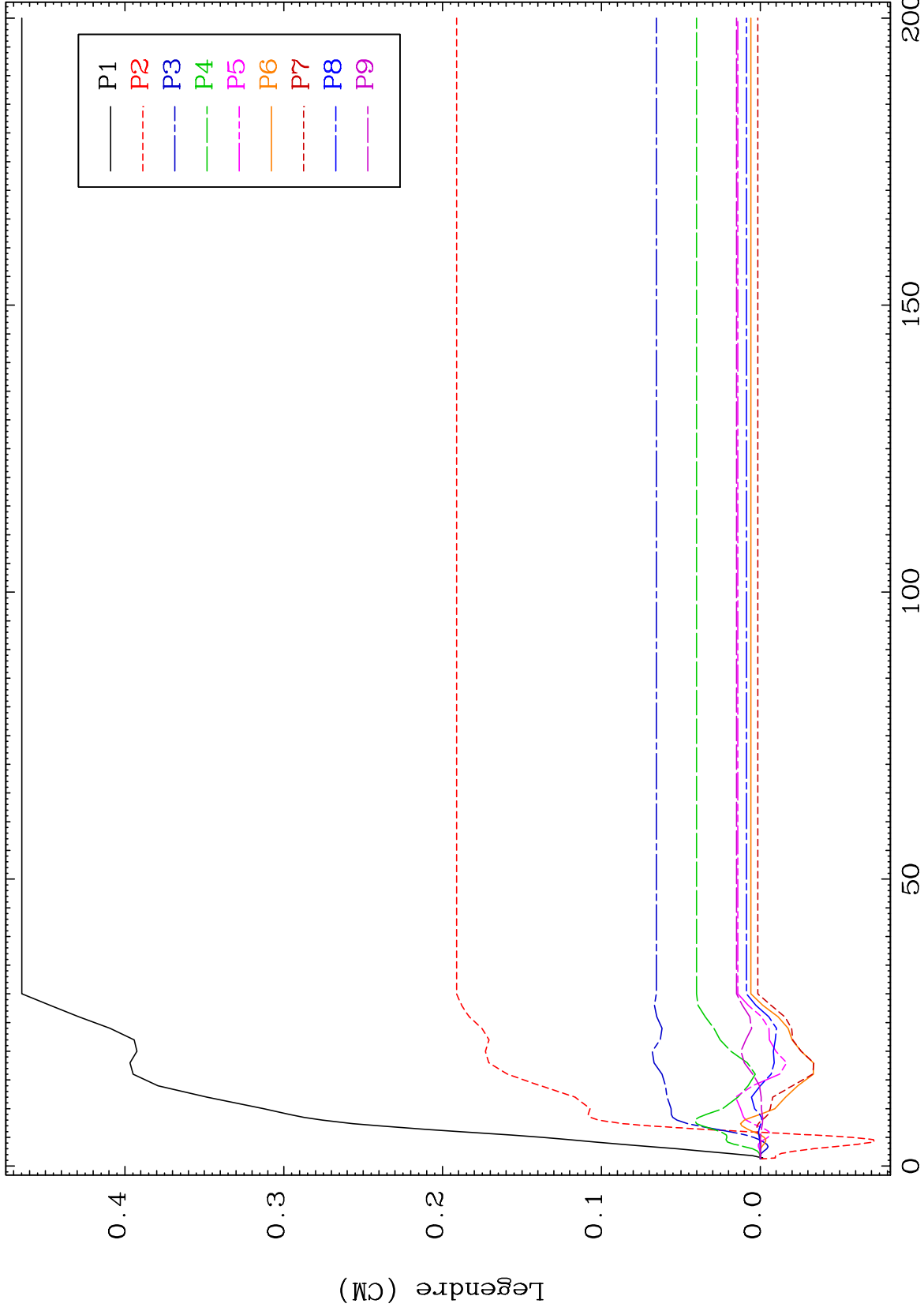


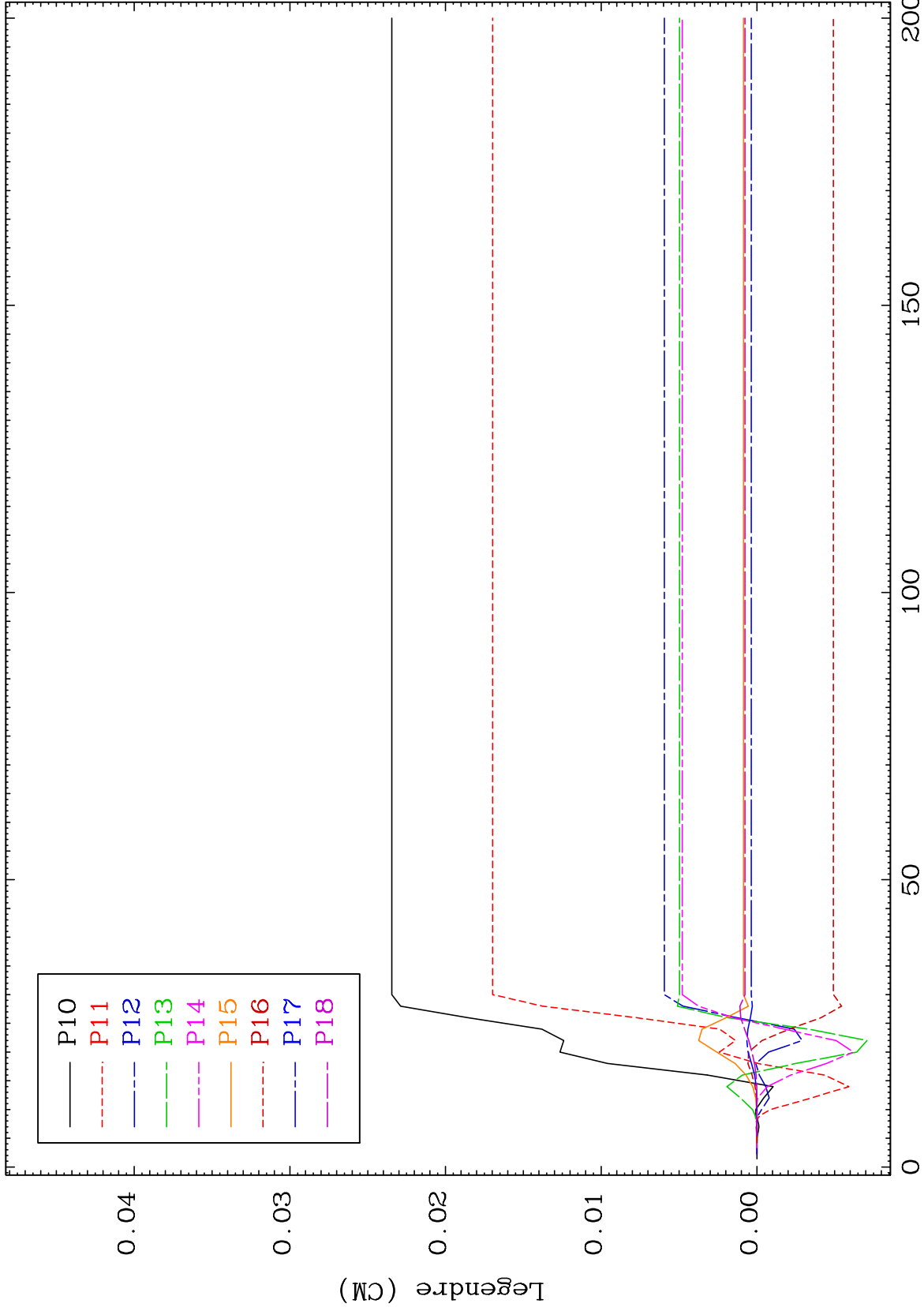


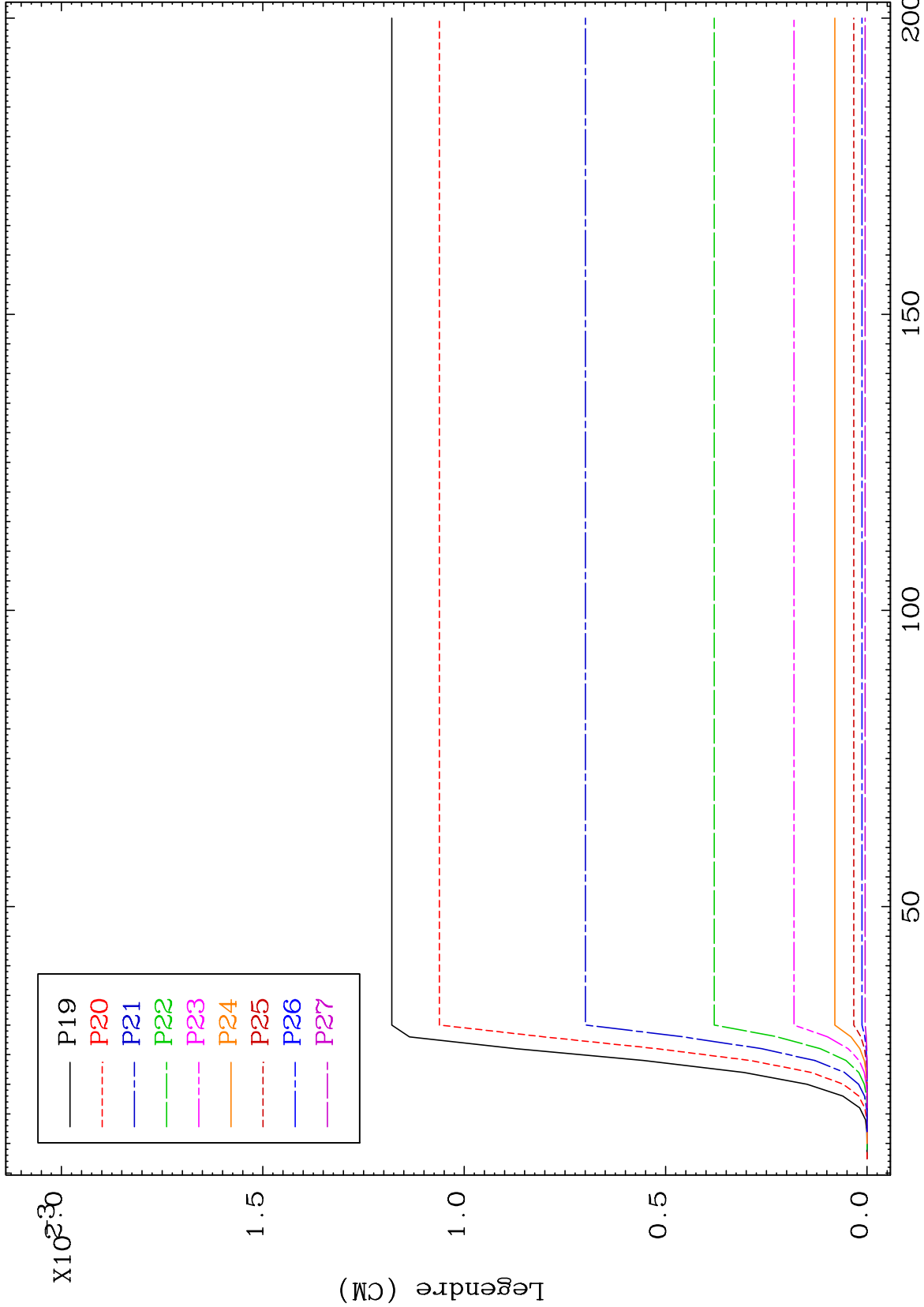


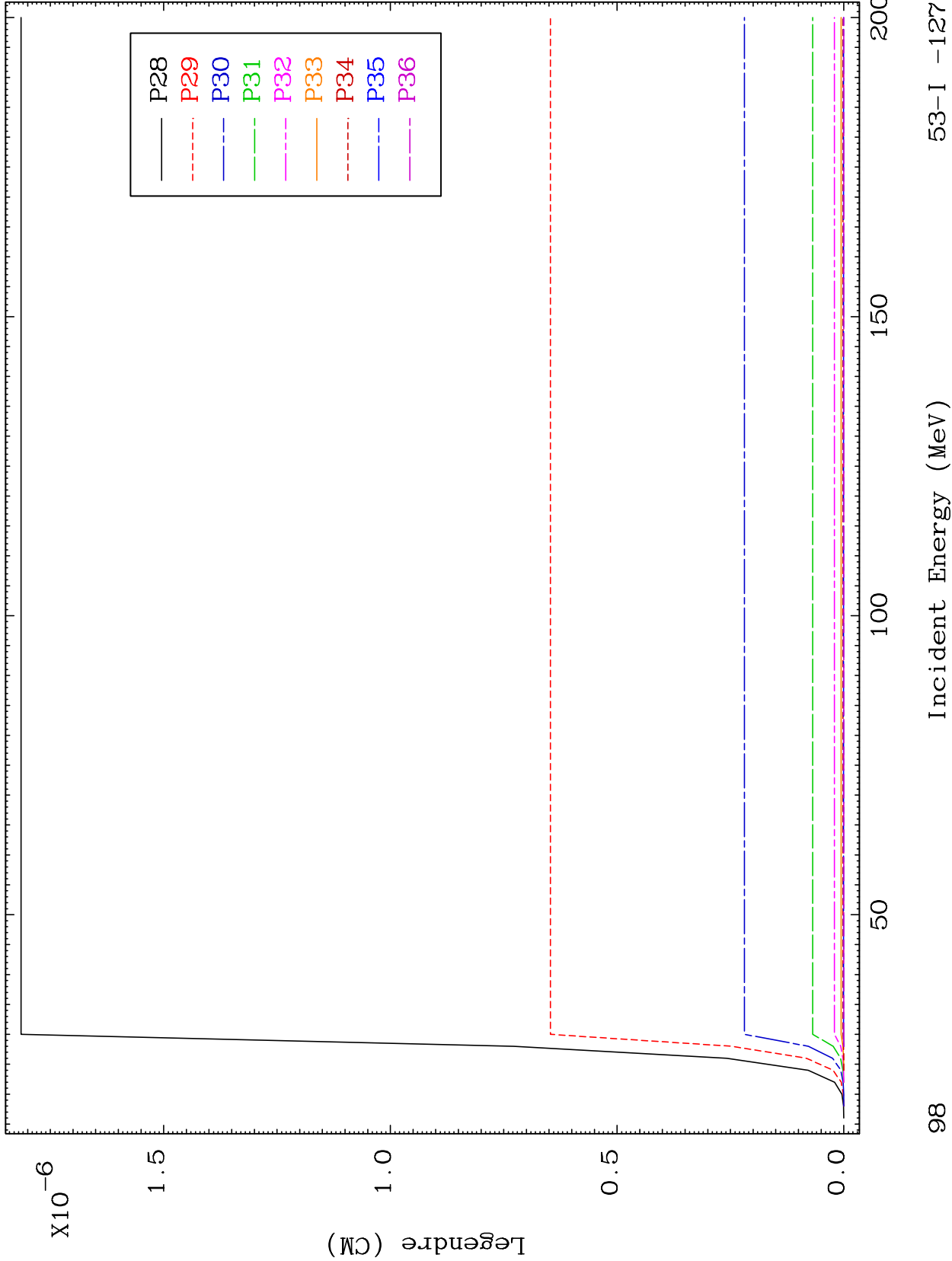


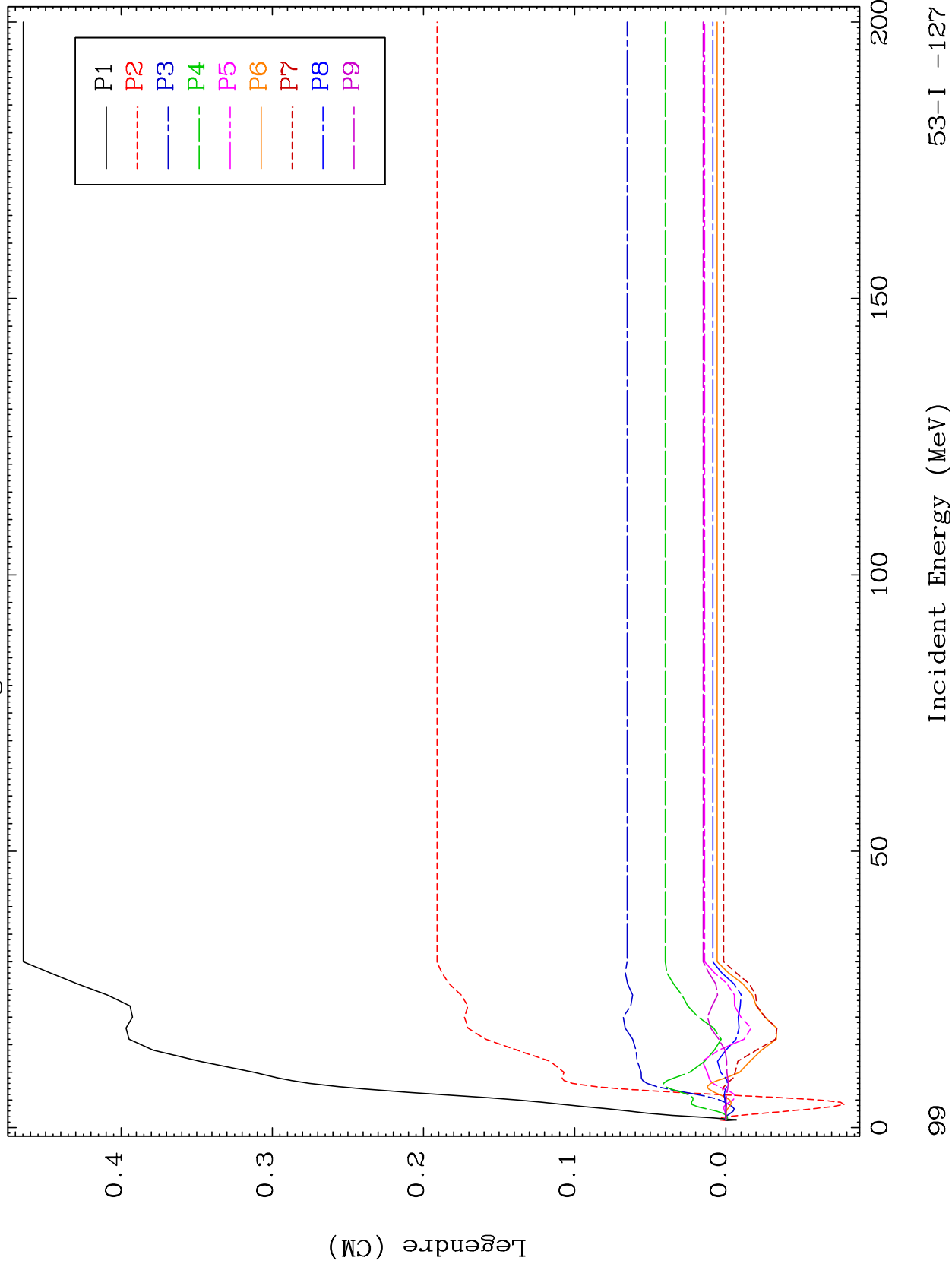








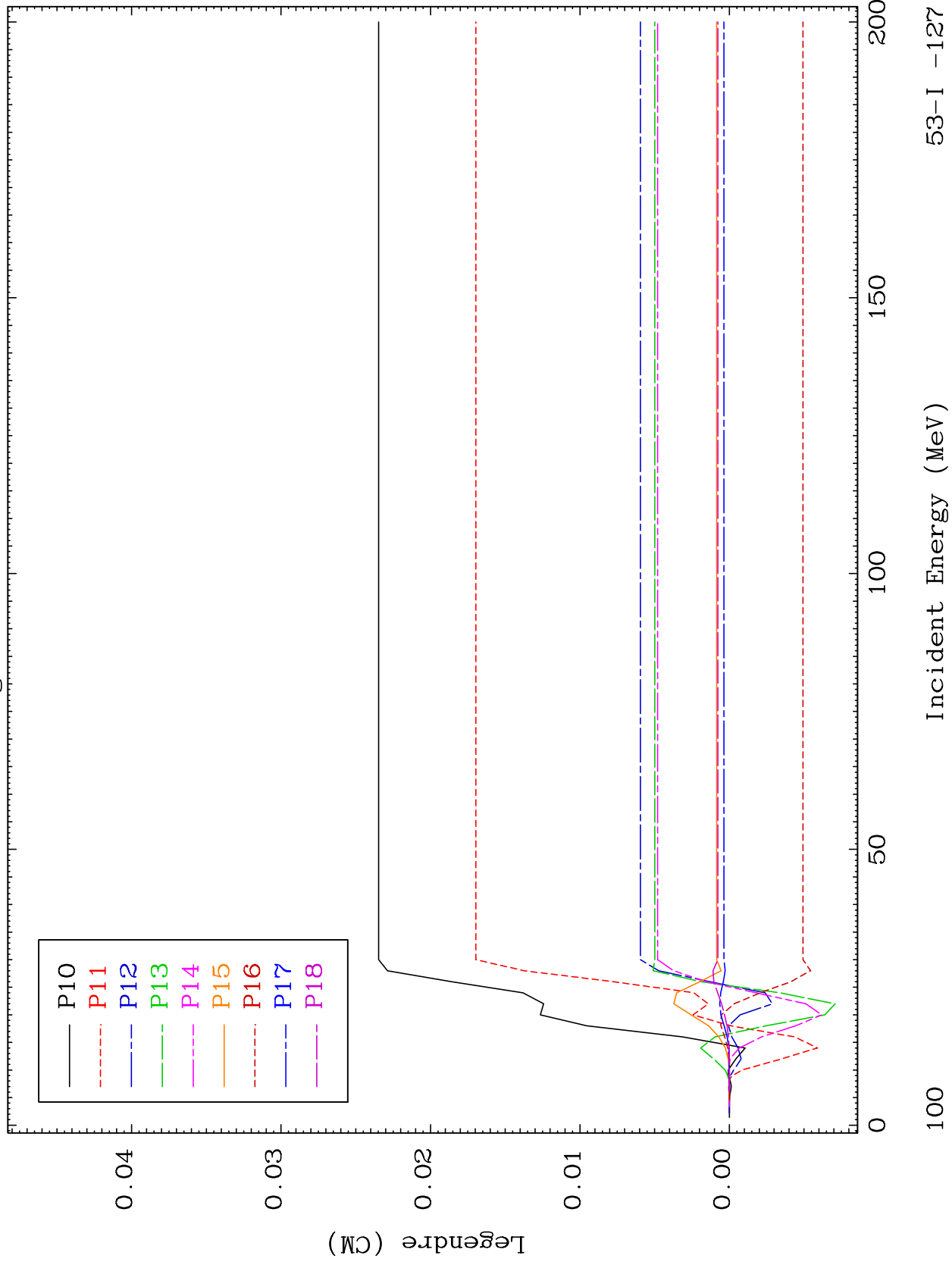




MAT 5325

1.267 MeV (n,n') Level
Legendre Coefficients

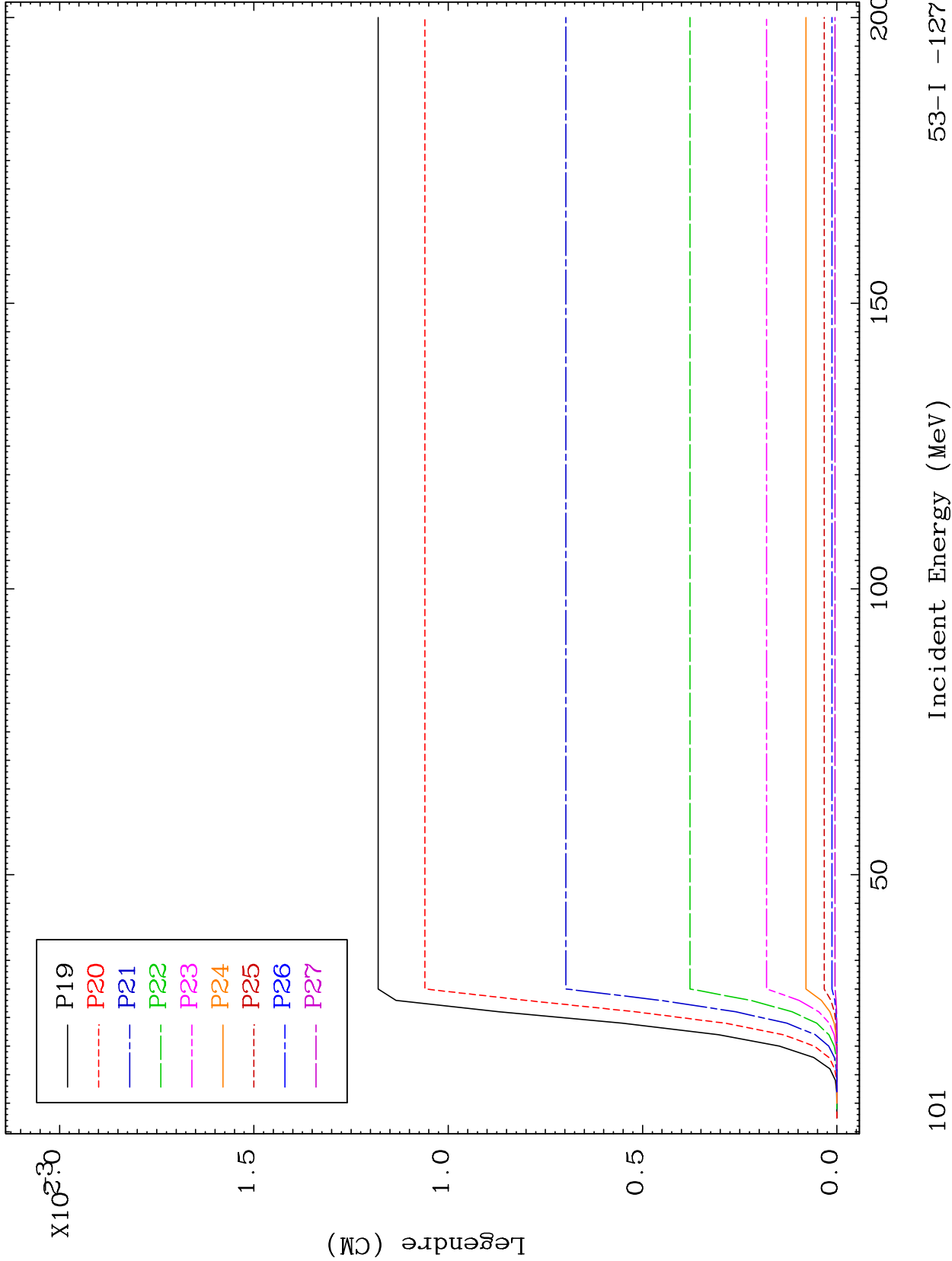
53-I -127

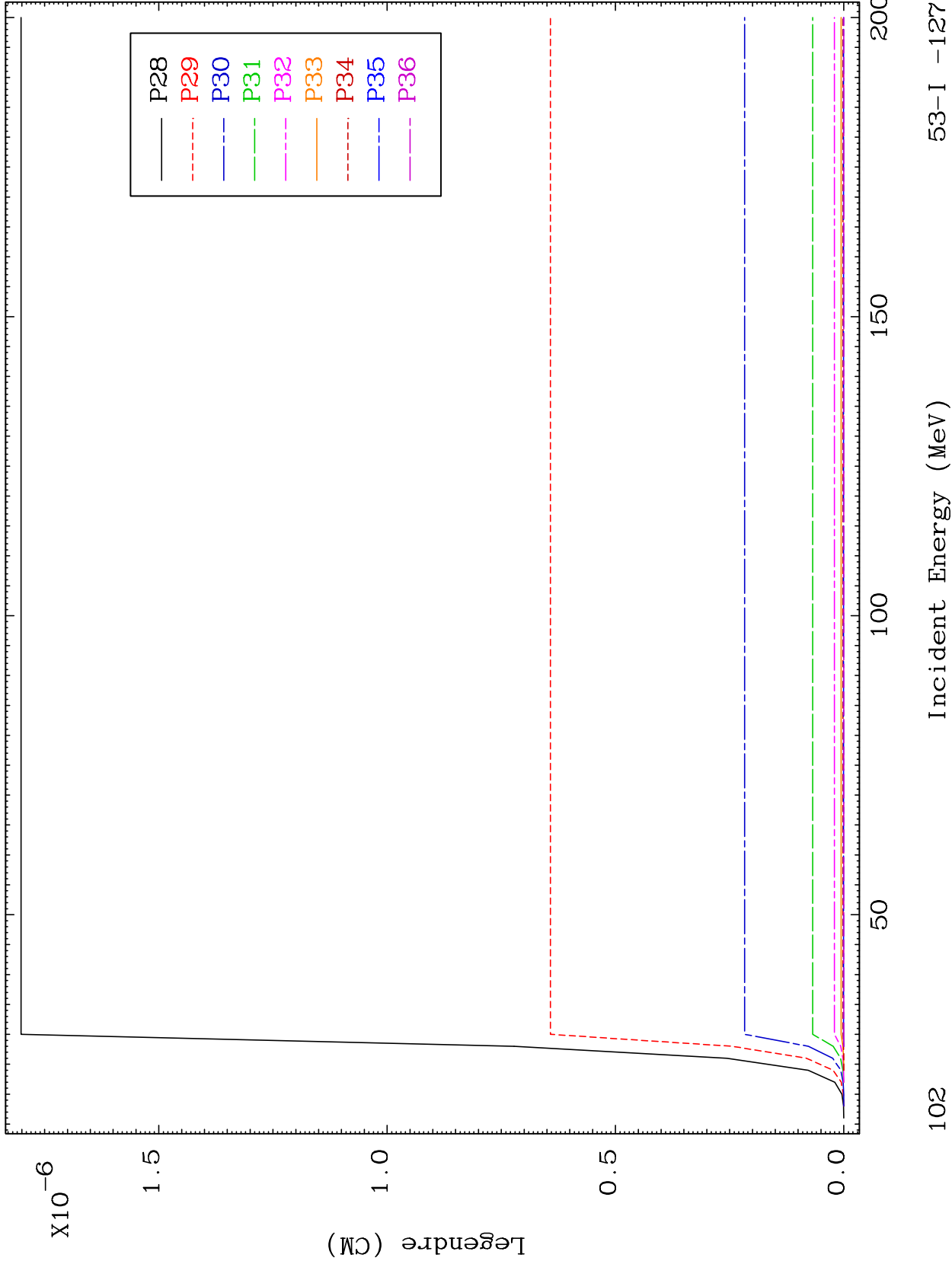


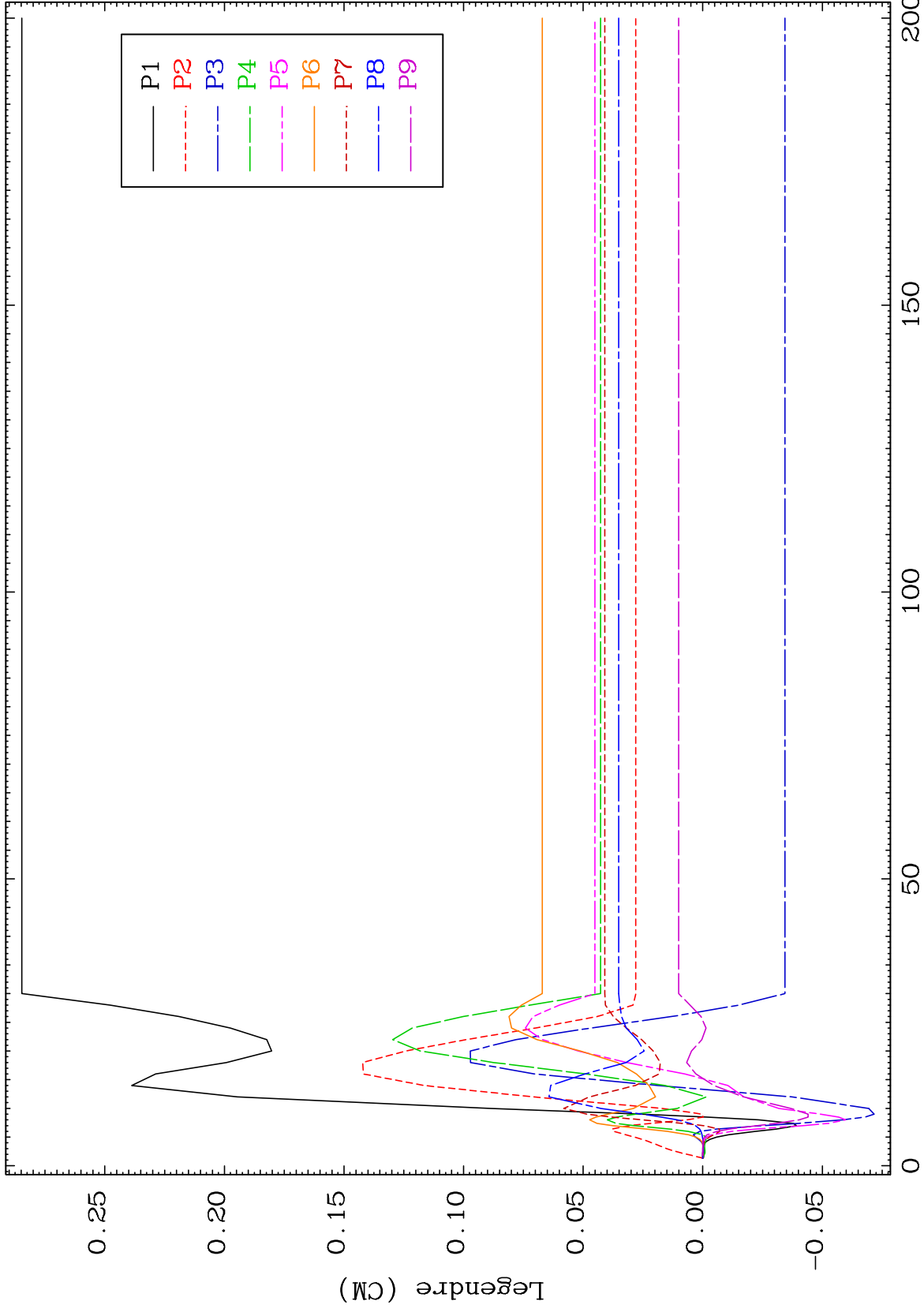
53-I -127

Incident Energy (MeV)

100



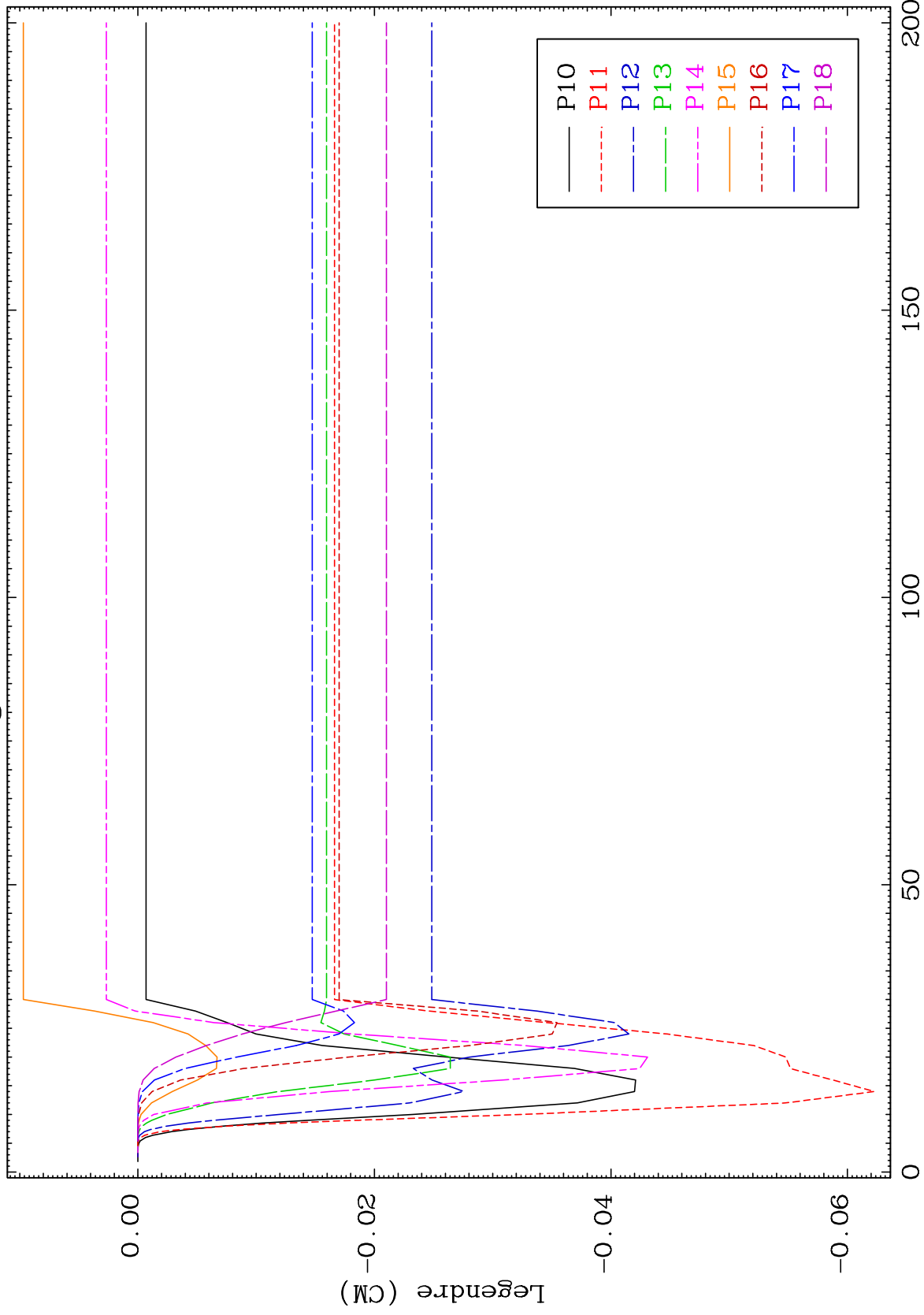




MAT 5325

1.275 MeV (n,n') Level
Legendre Coefficients

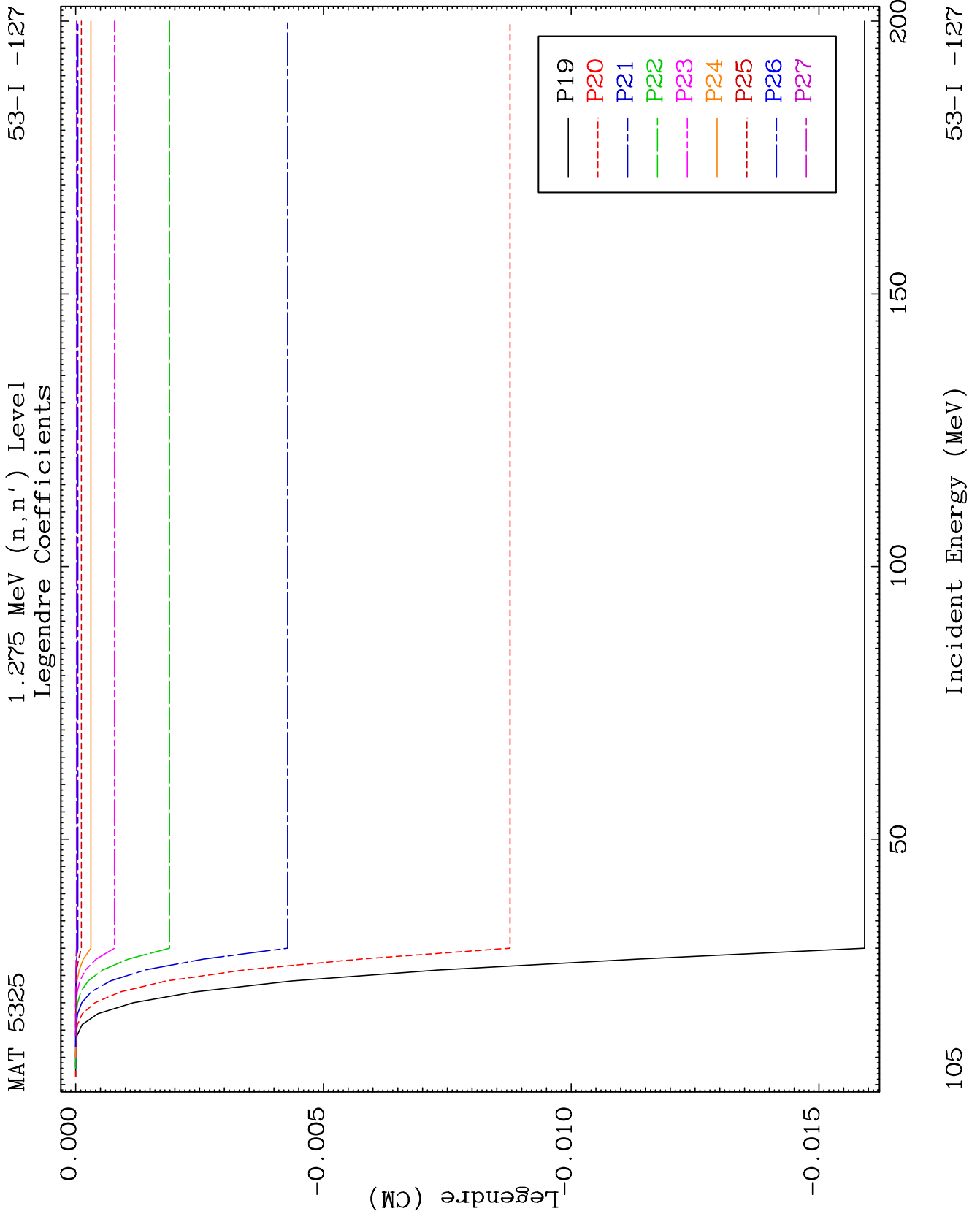
53-I -127

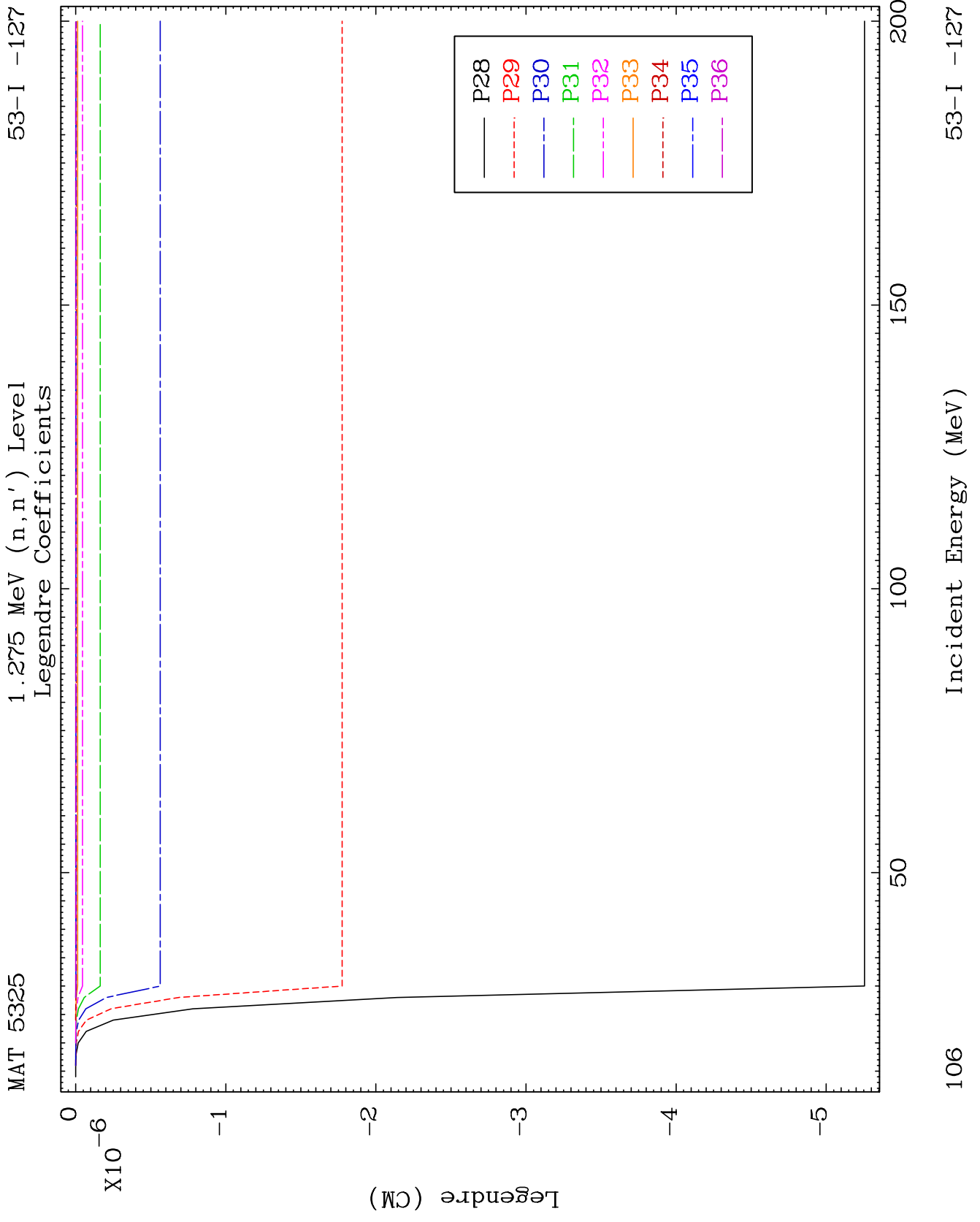


104

Incident Energy (MeV)

53-I -127

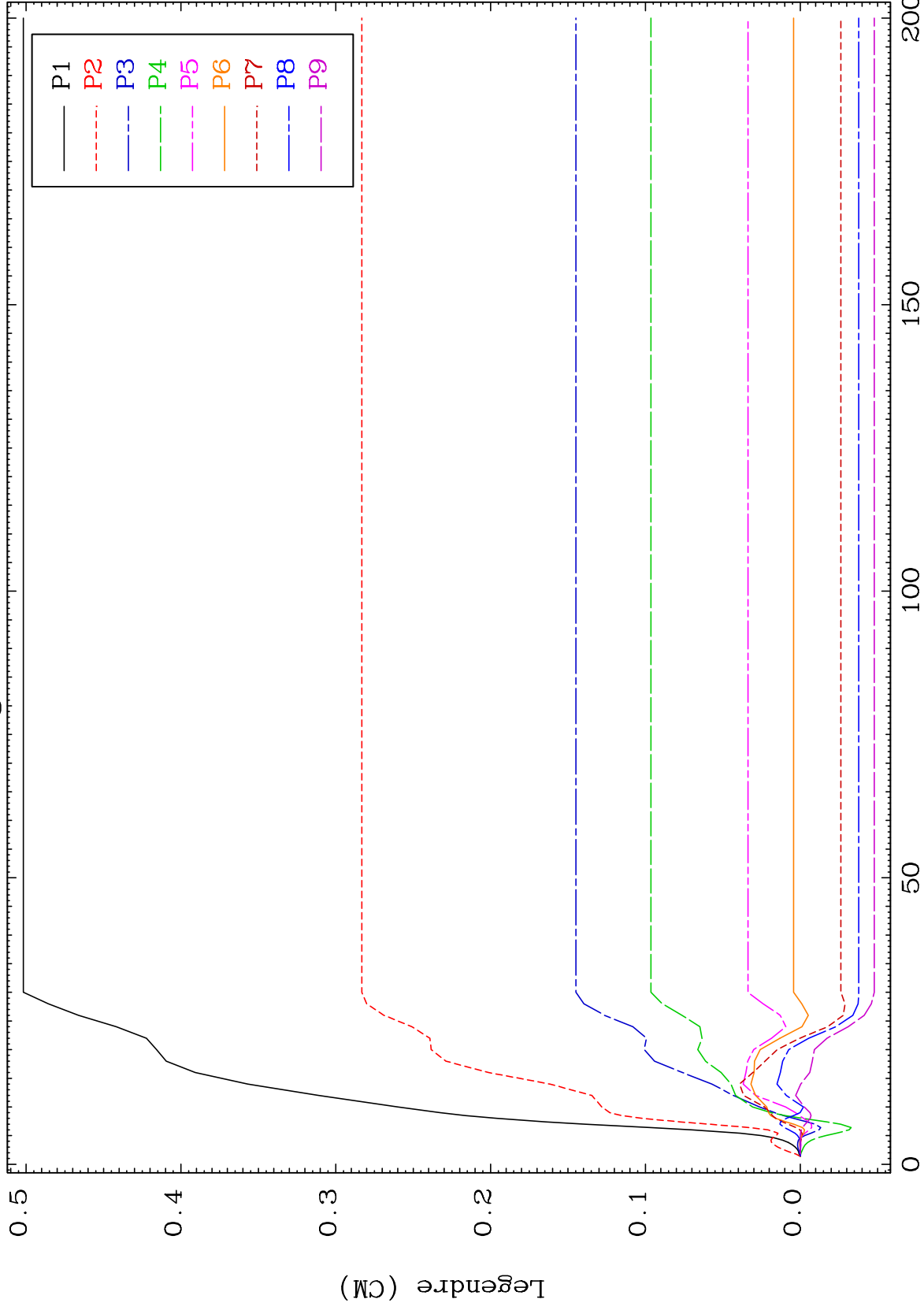




MAT 5325

1.319 MeV (n,n') Level
Legendre Coefficients

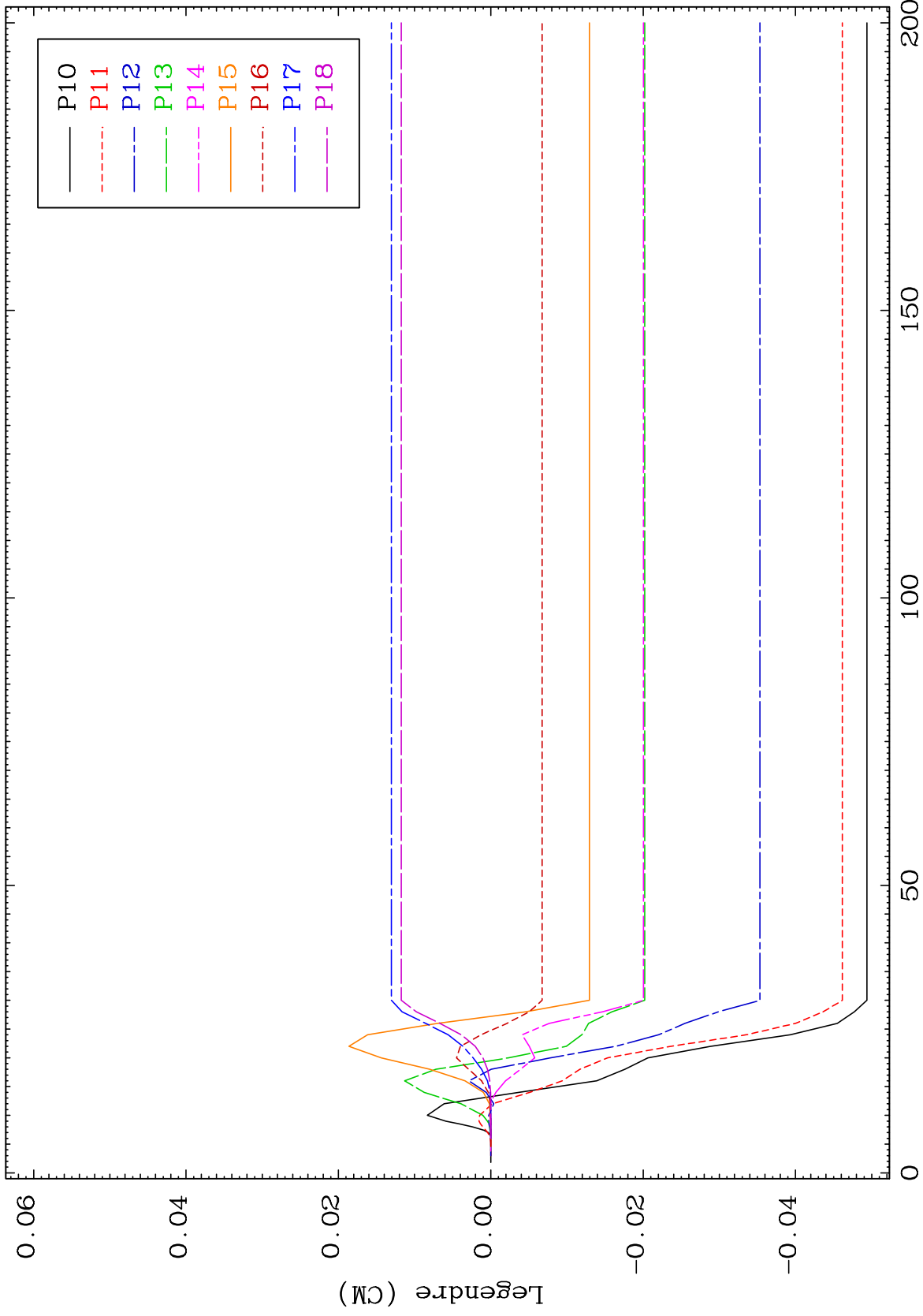
53-I -127

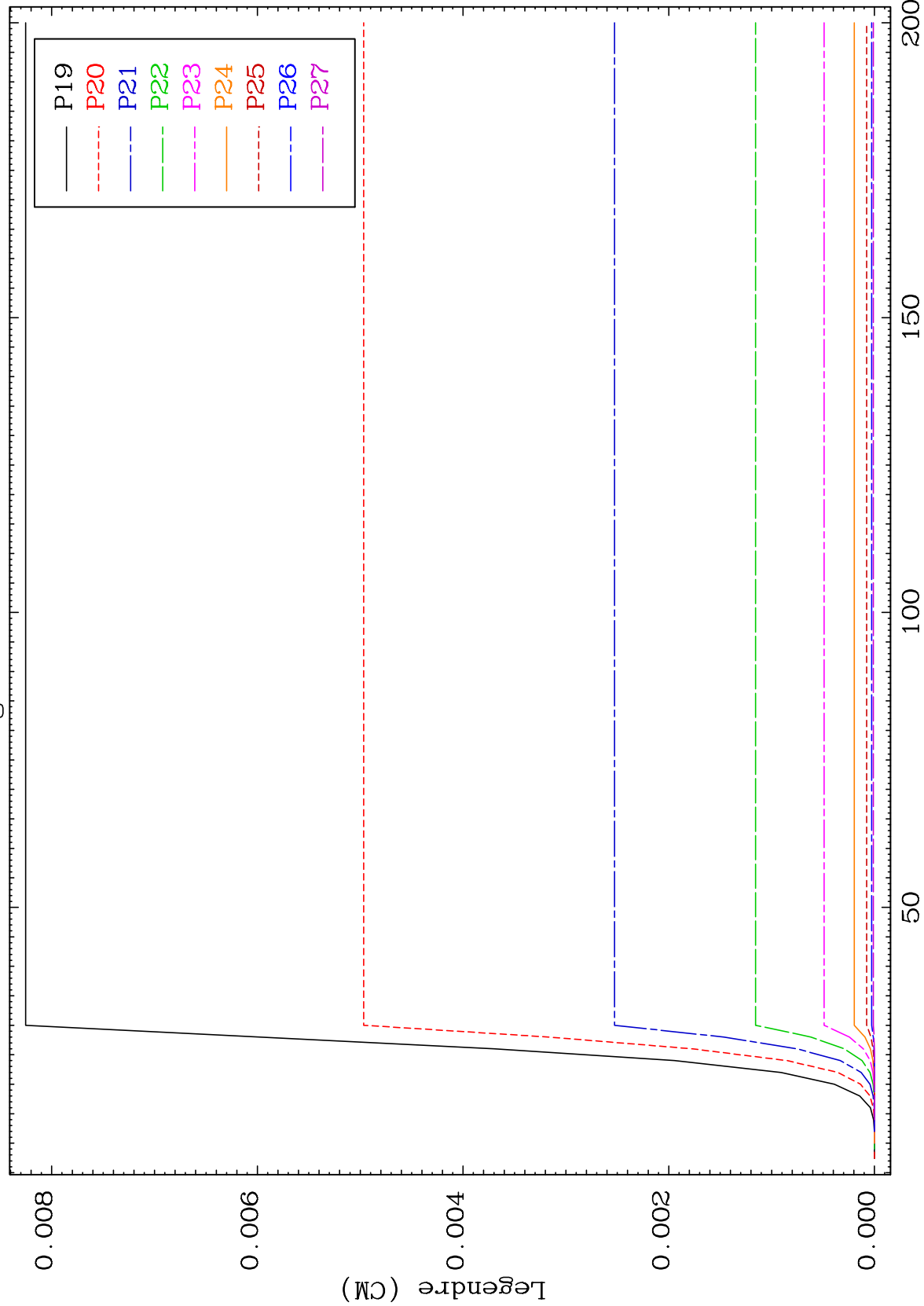


107

Incident Energy (MeV)

53-I -127

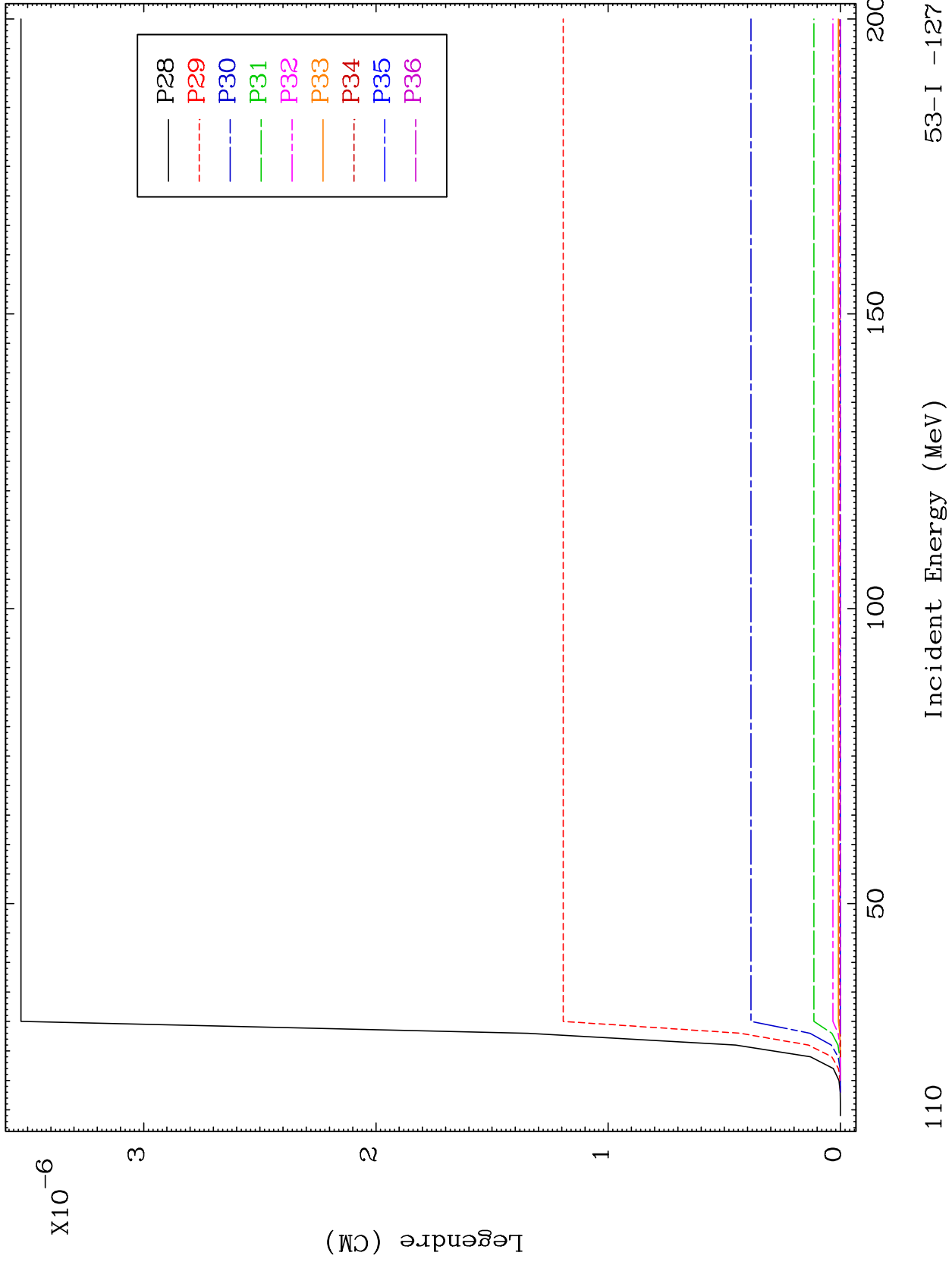


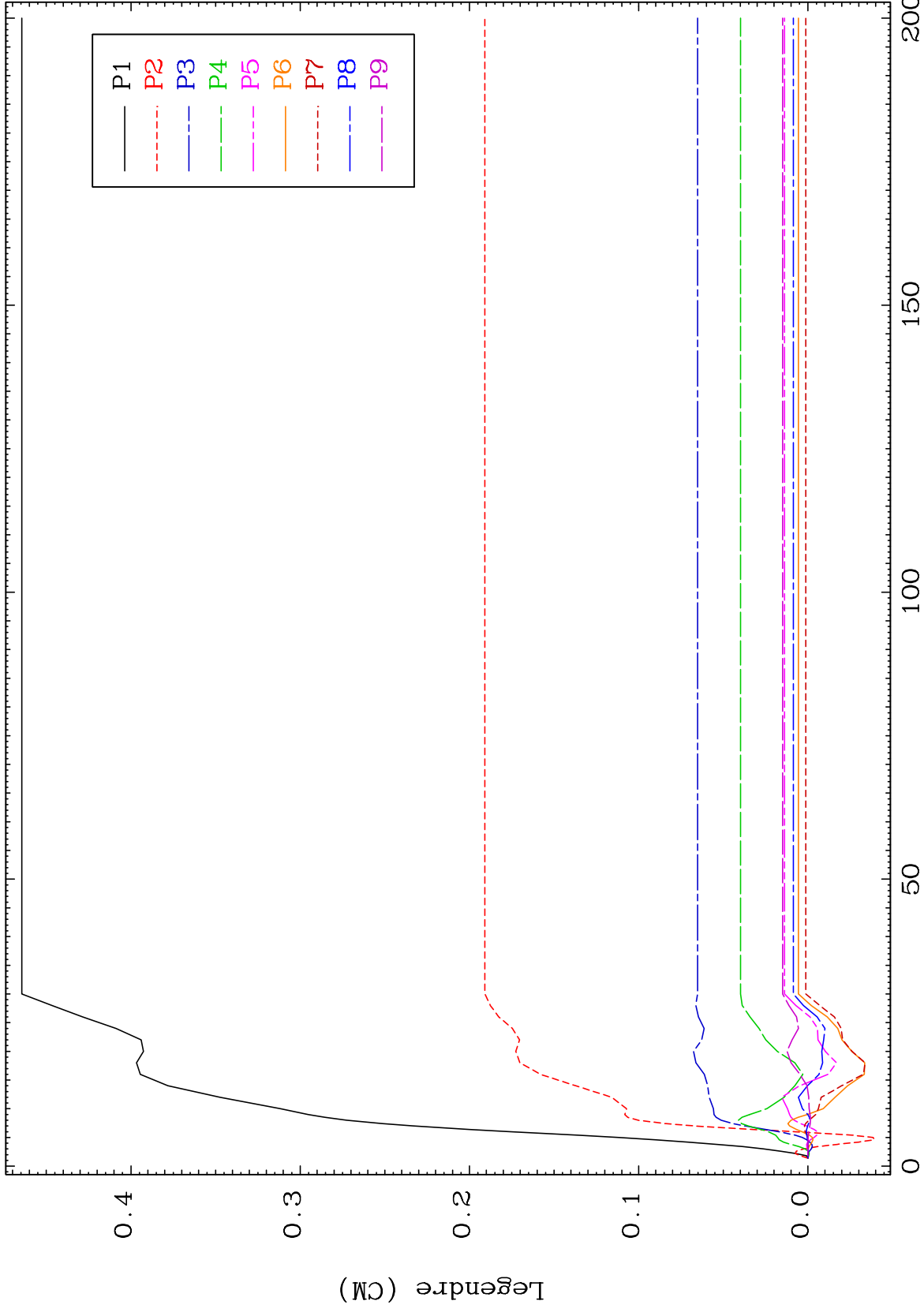


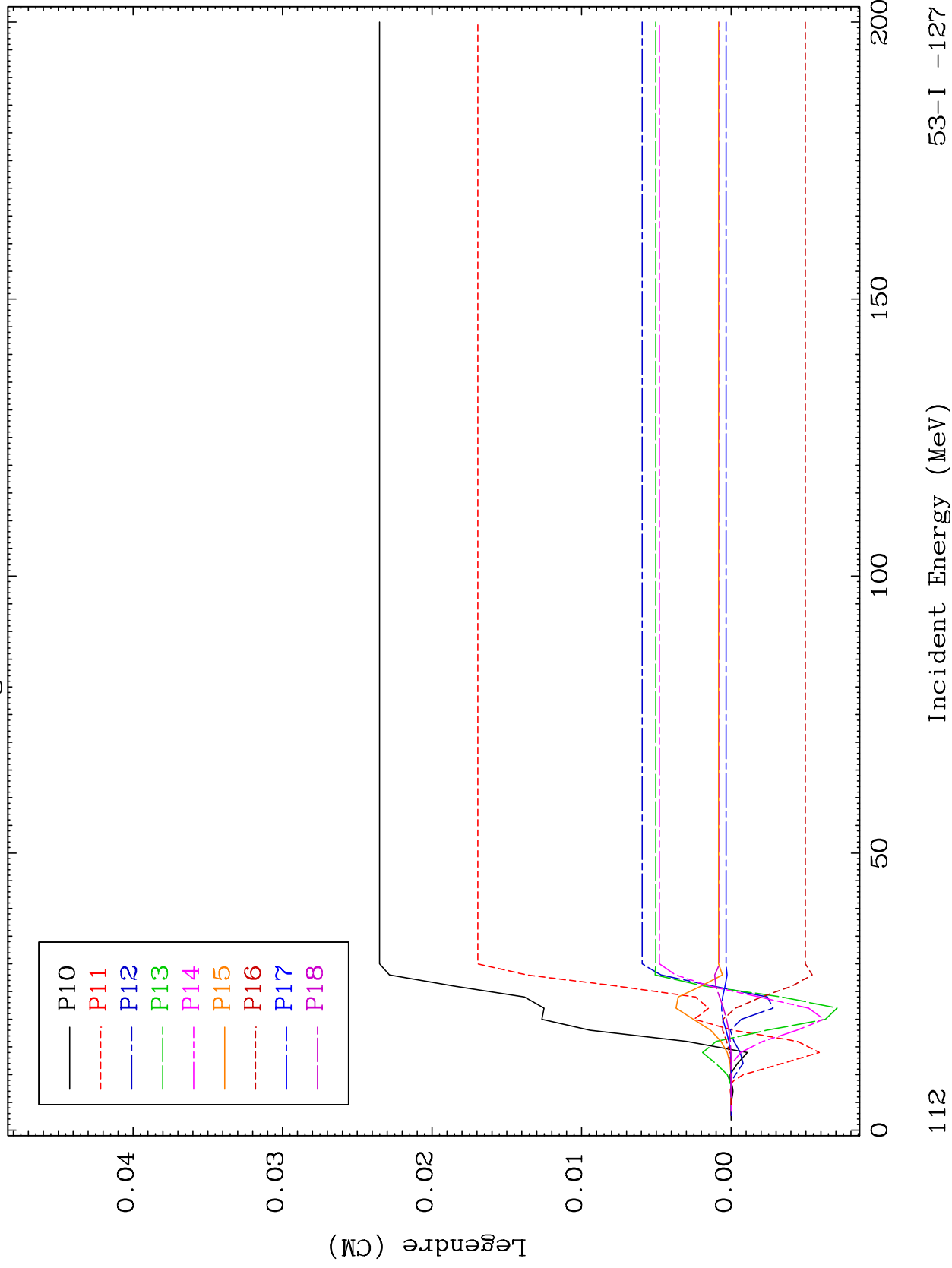
MAT 5325

1.319 MeV (n,n') Level
Legendre Coefficients

53-I -127



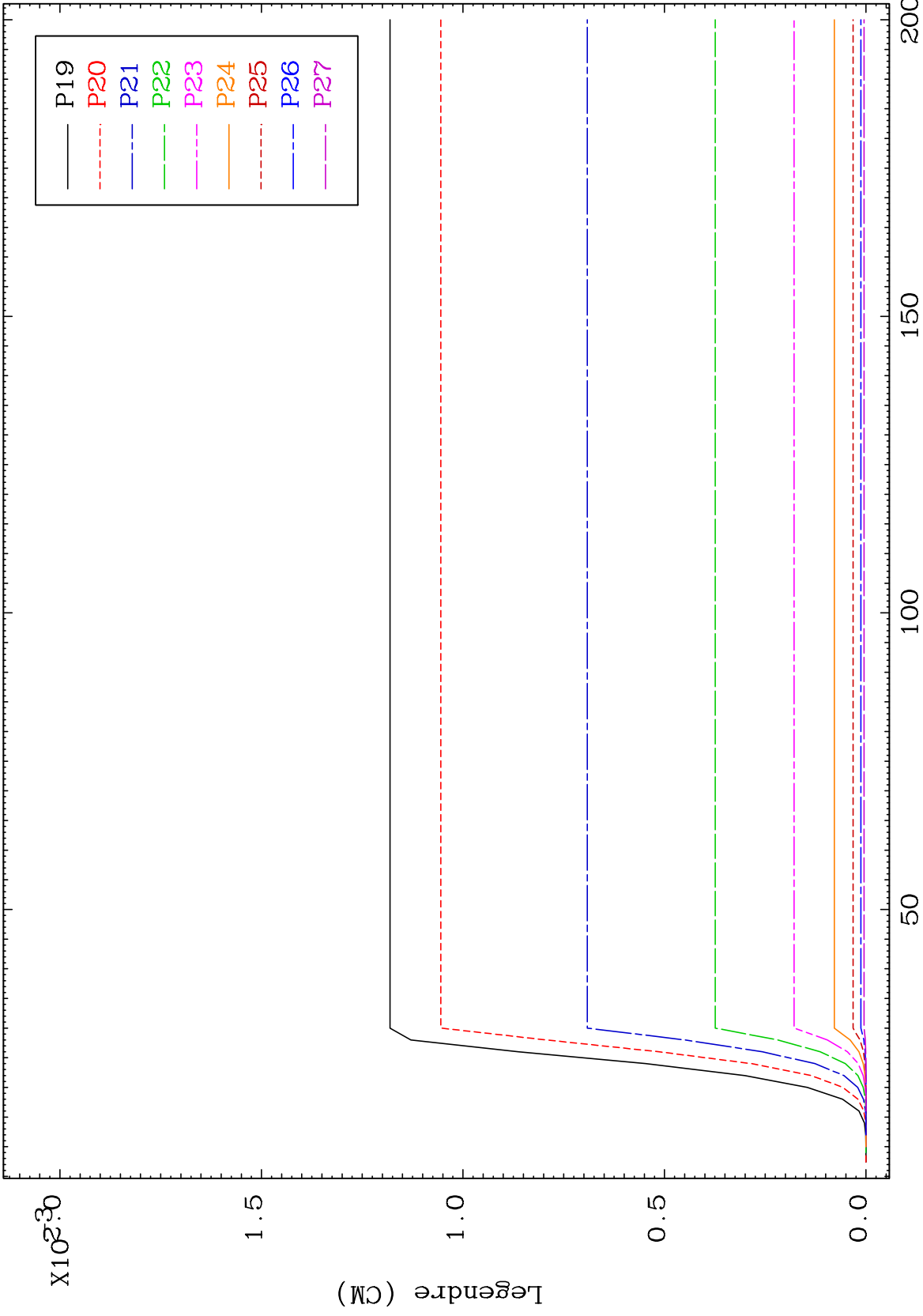




MAT 5325

1.342 MeV (n,n') Level
Legendre Coefficients

53-I -127



113

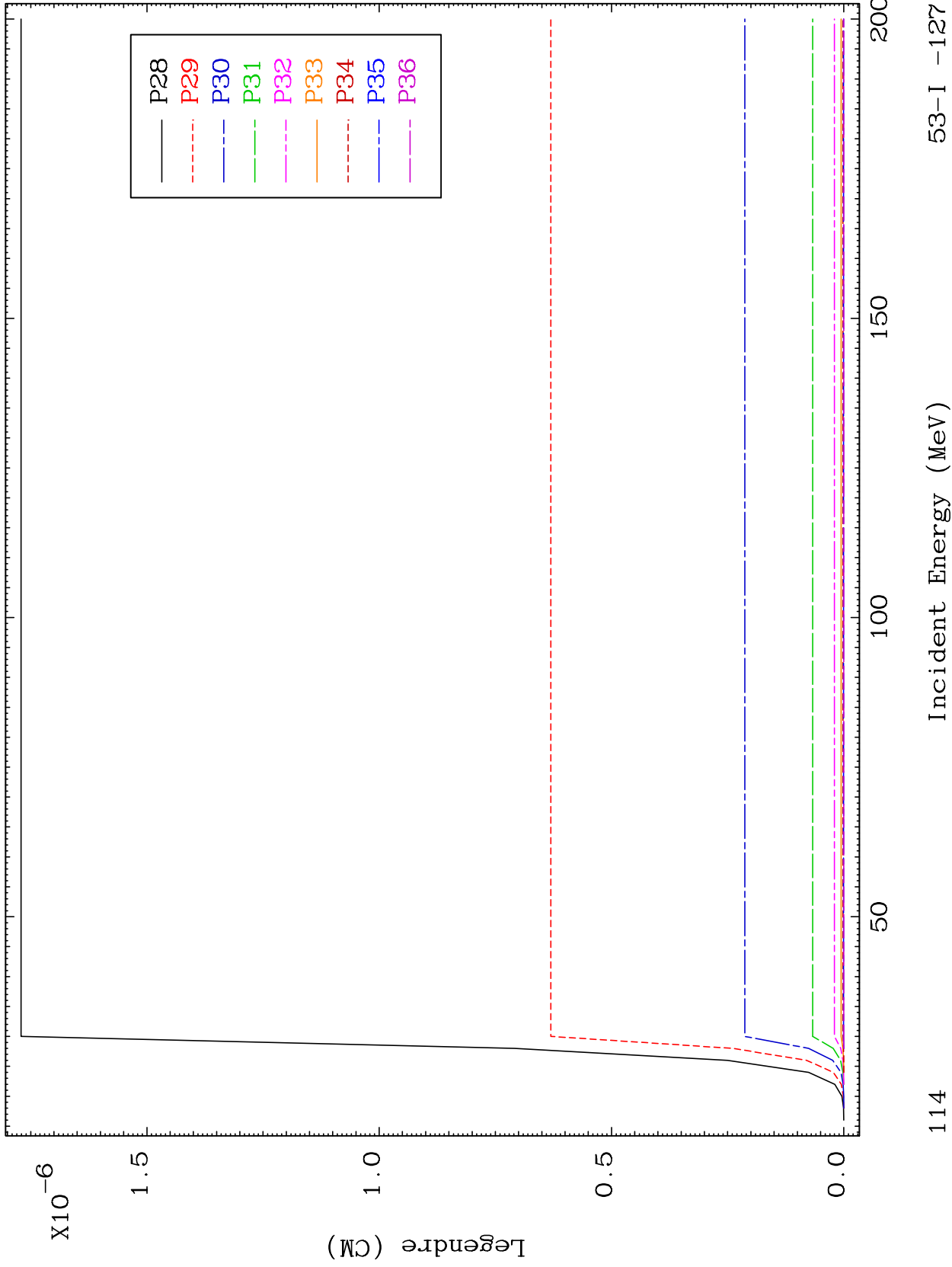
Incident Energy (MeV)

53-I -127

MAT 5325

1.342 MeV (n,n') Level
Legendre Coefficients

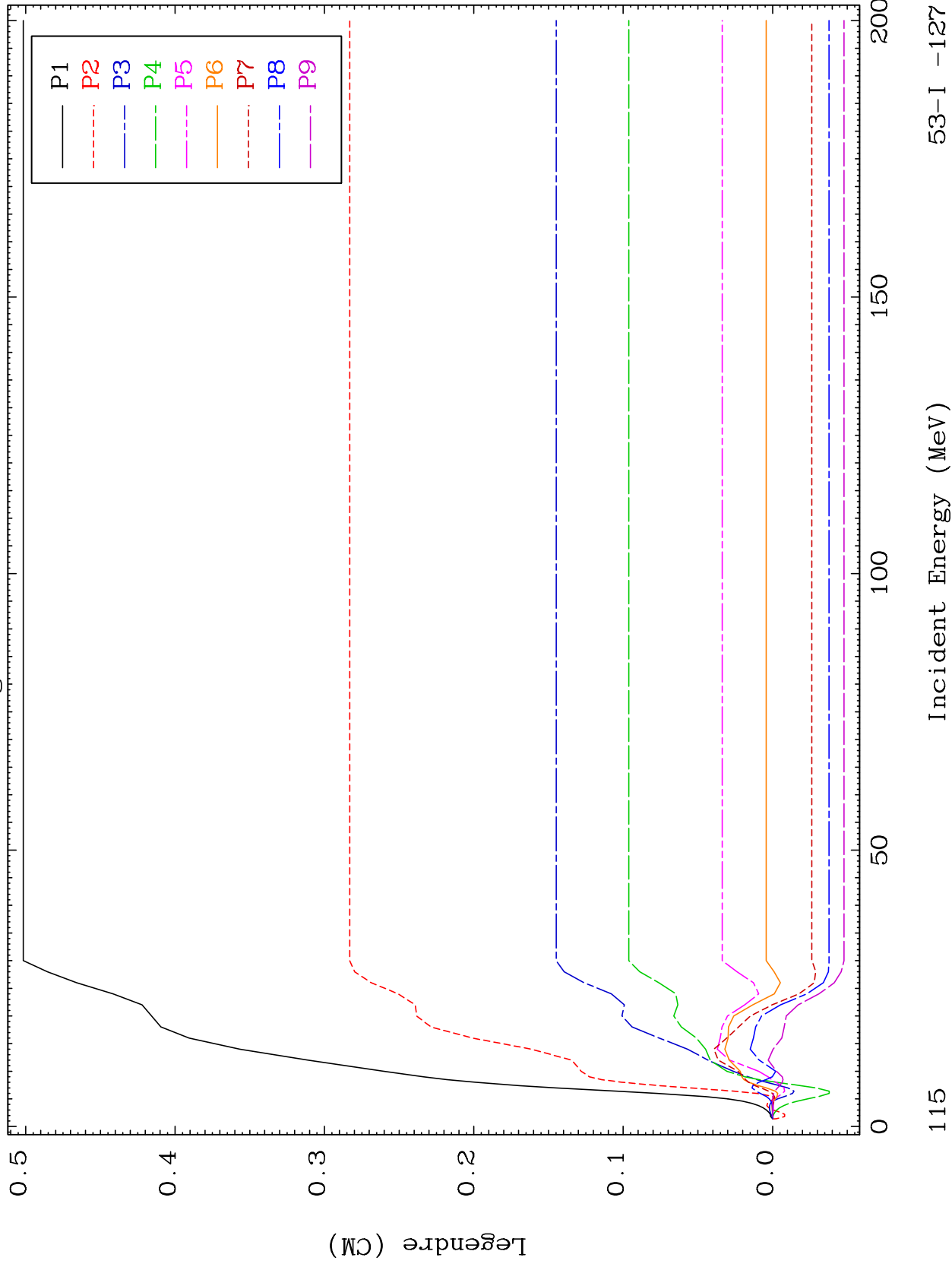
53-I -127



MAT 5325

1.350 MeV (n,n') Level
Legendre Coefficients

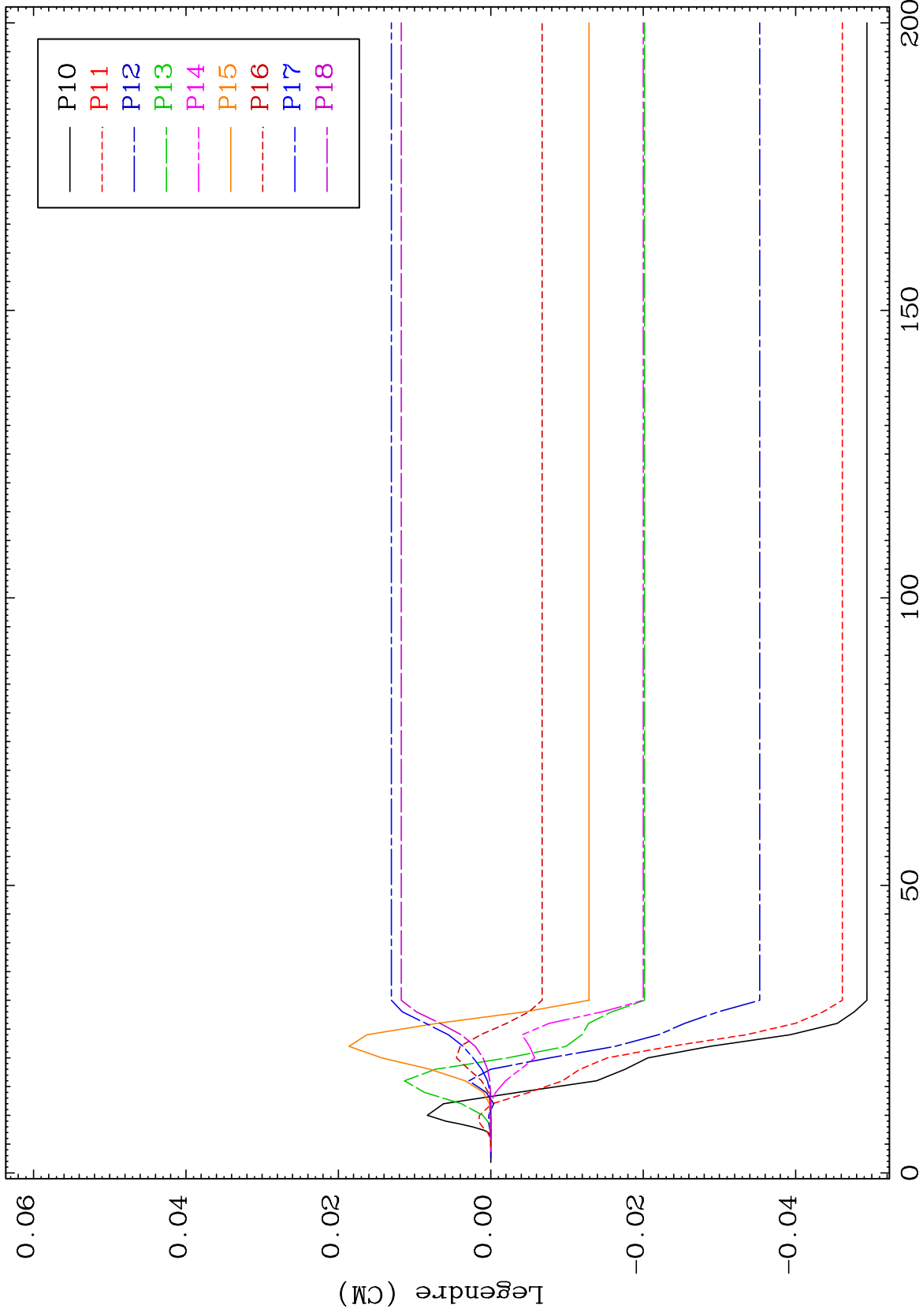
53-I -127



MAT 5325

1.350 MeV (n,n') Level
Legendre Coefficients

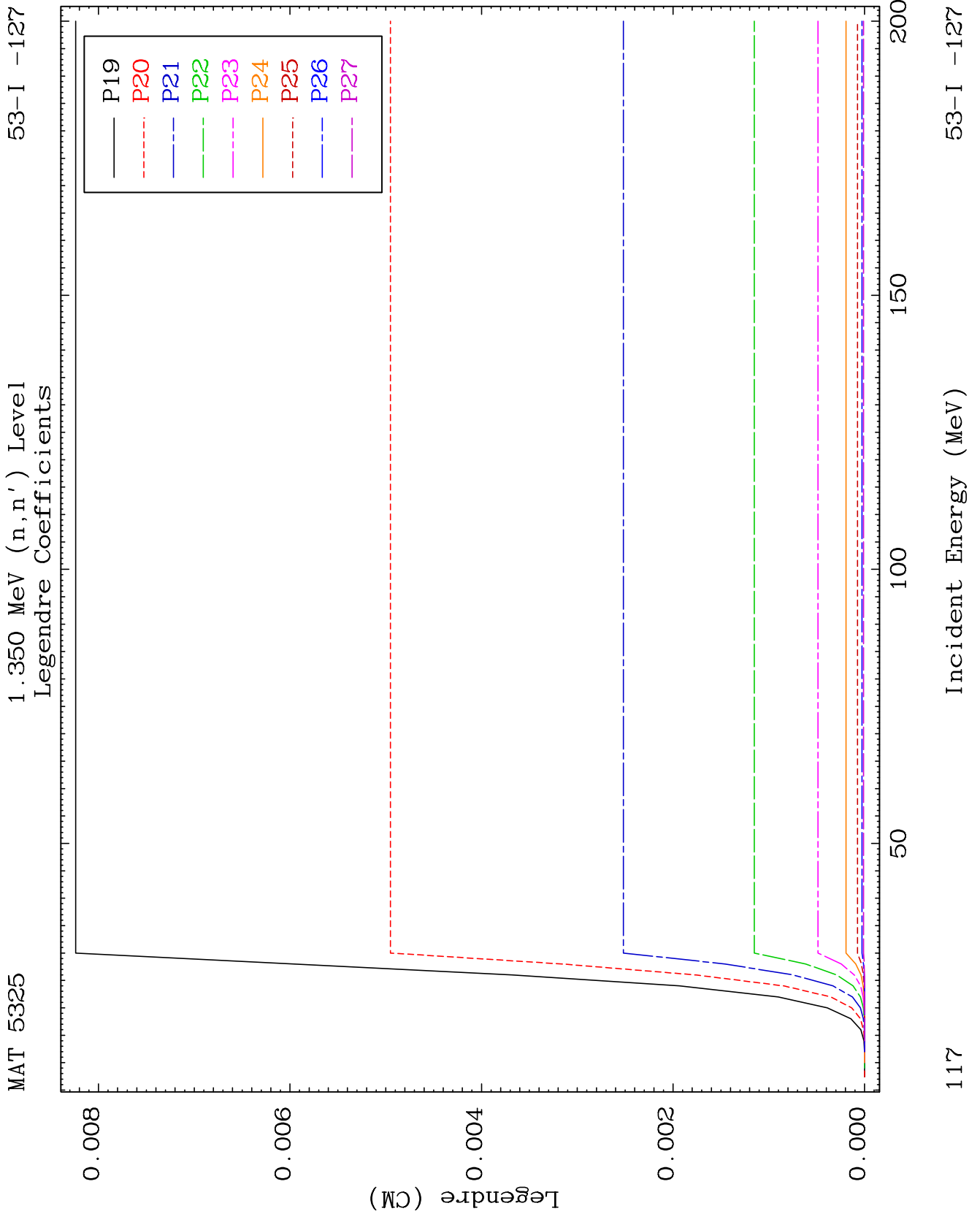
53-I -127



116

Incident Energy (MeV)

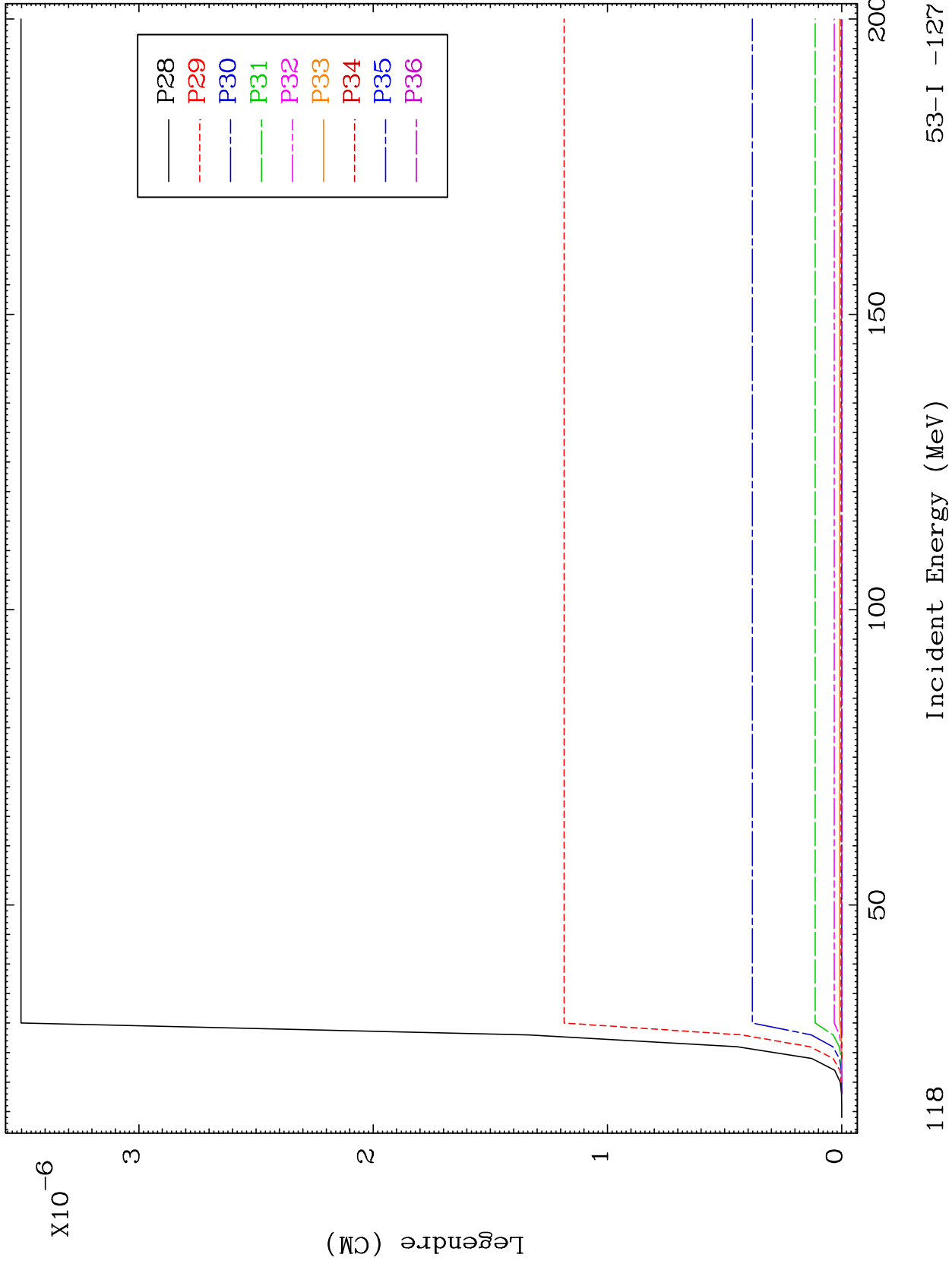
53-I -127



MAT 5325

1.350 MeV (n,n') Level
Legendre Coefficients

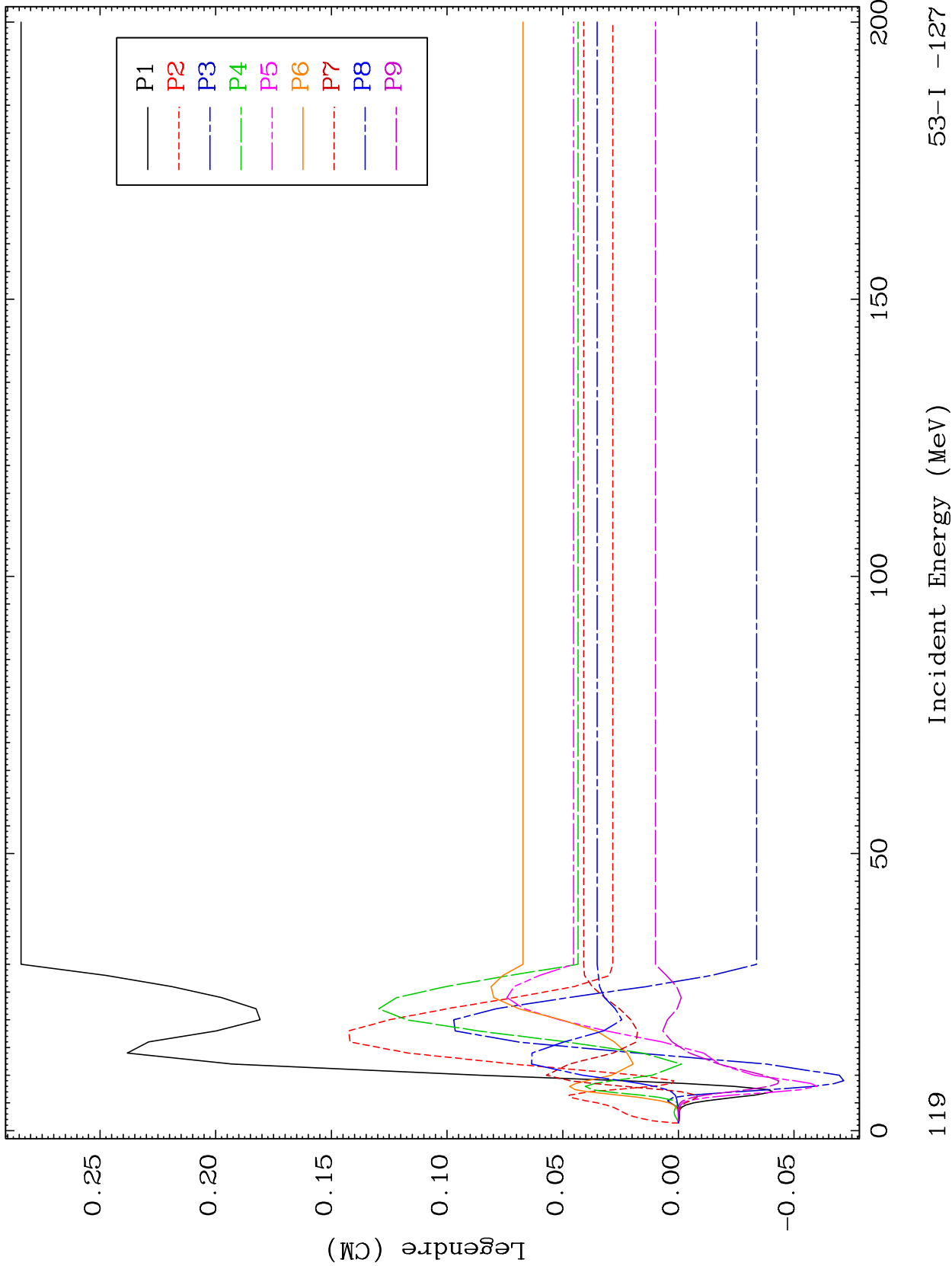
53-I -127



118

Incident Energy (MeV)

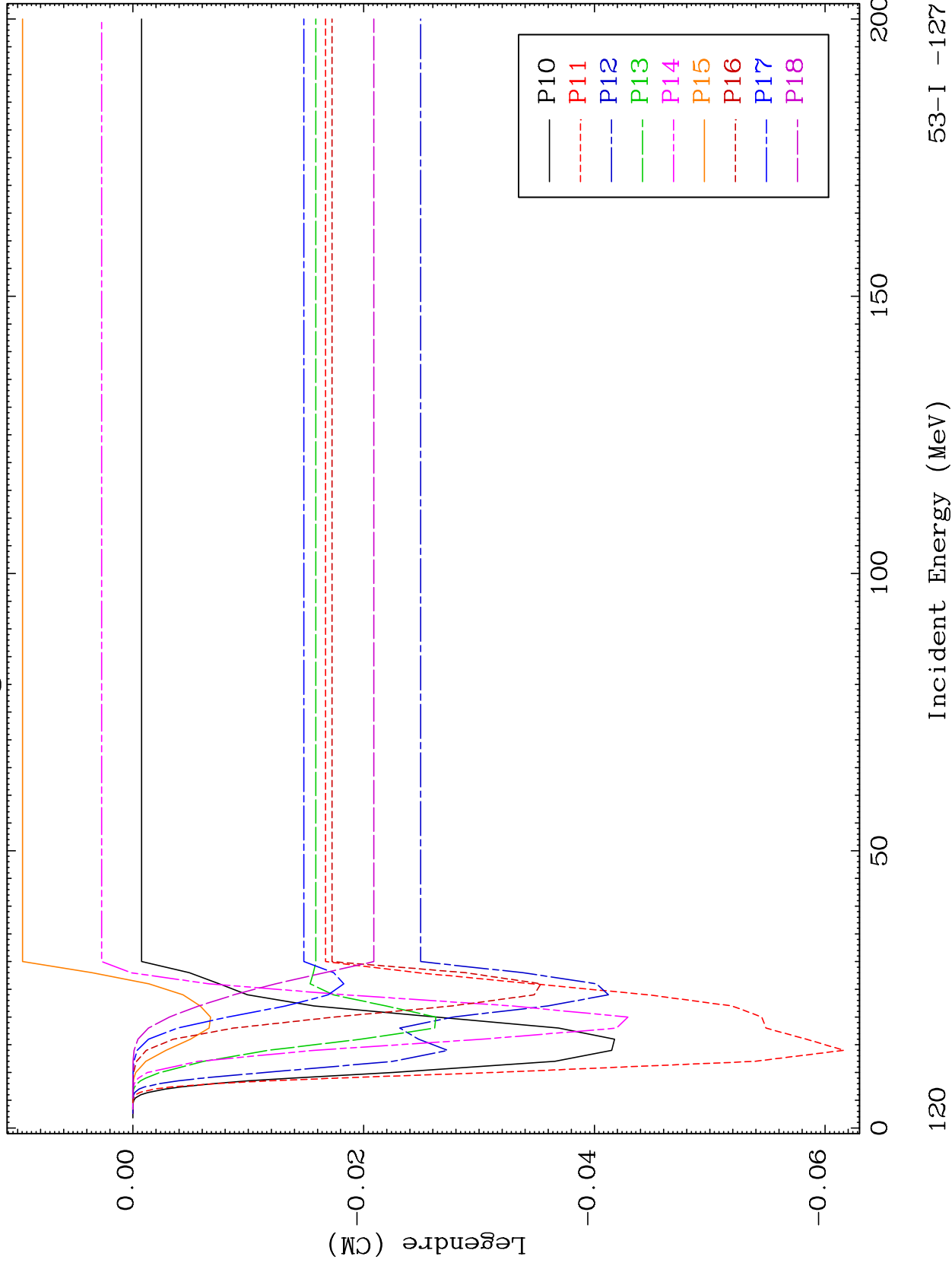
53-I -127



MAT 5325

1.364 MeV (n,n') Level
Legendre Coefficients

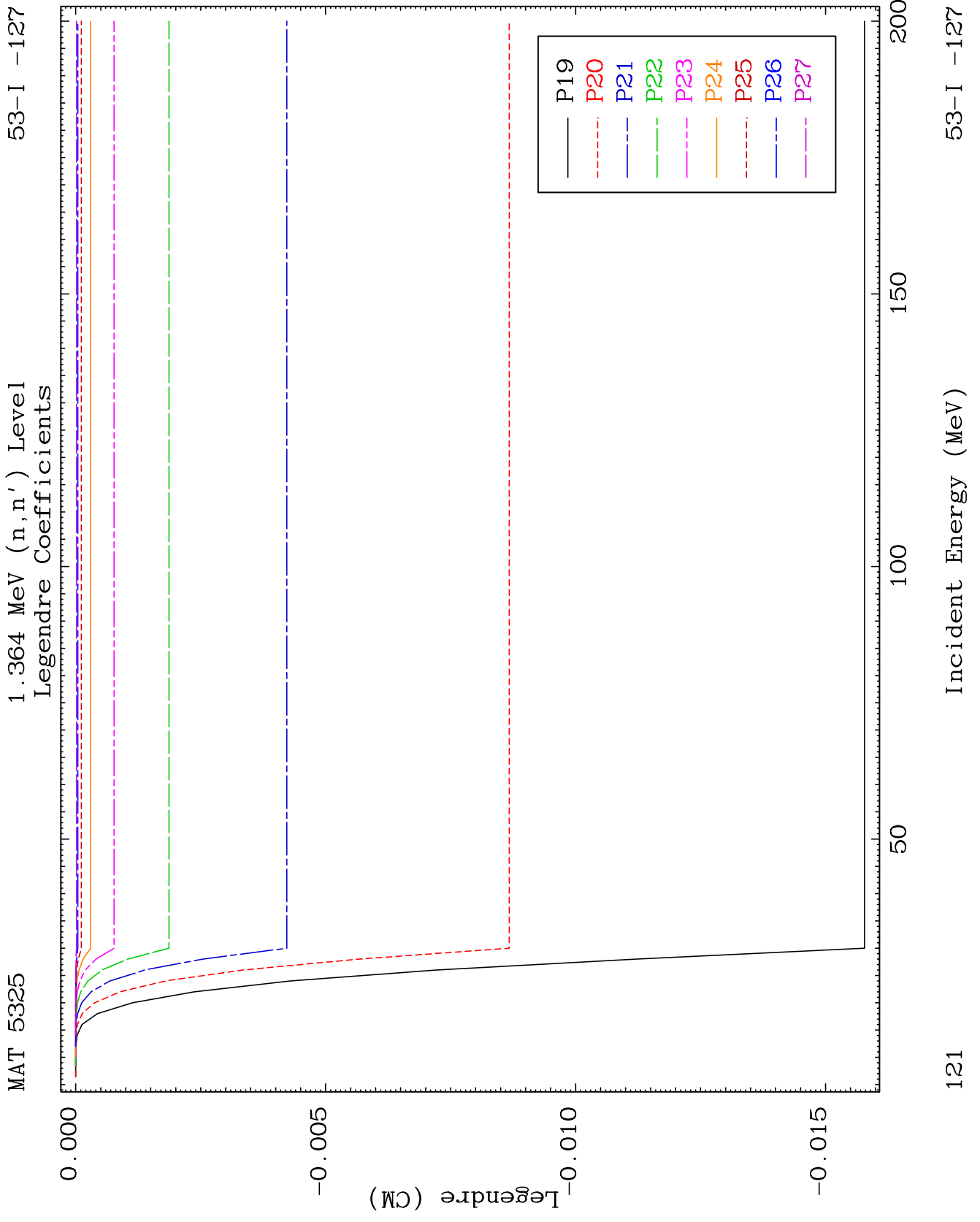
53-I -127

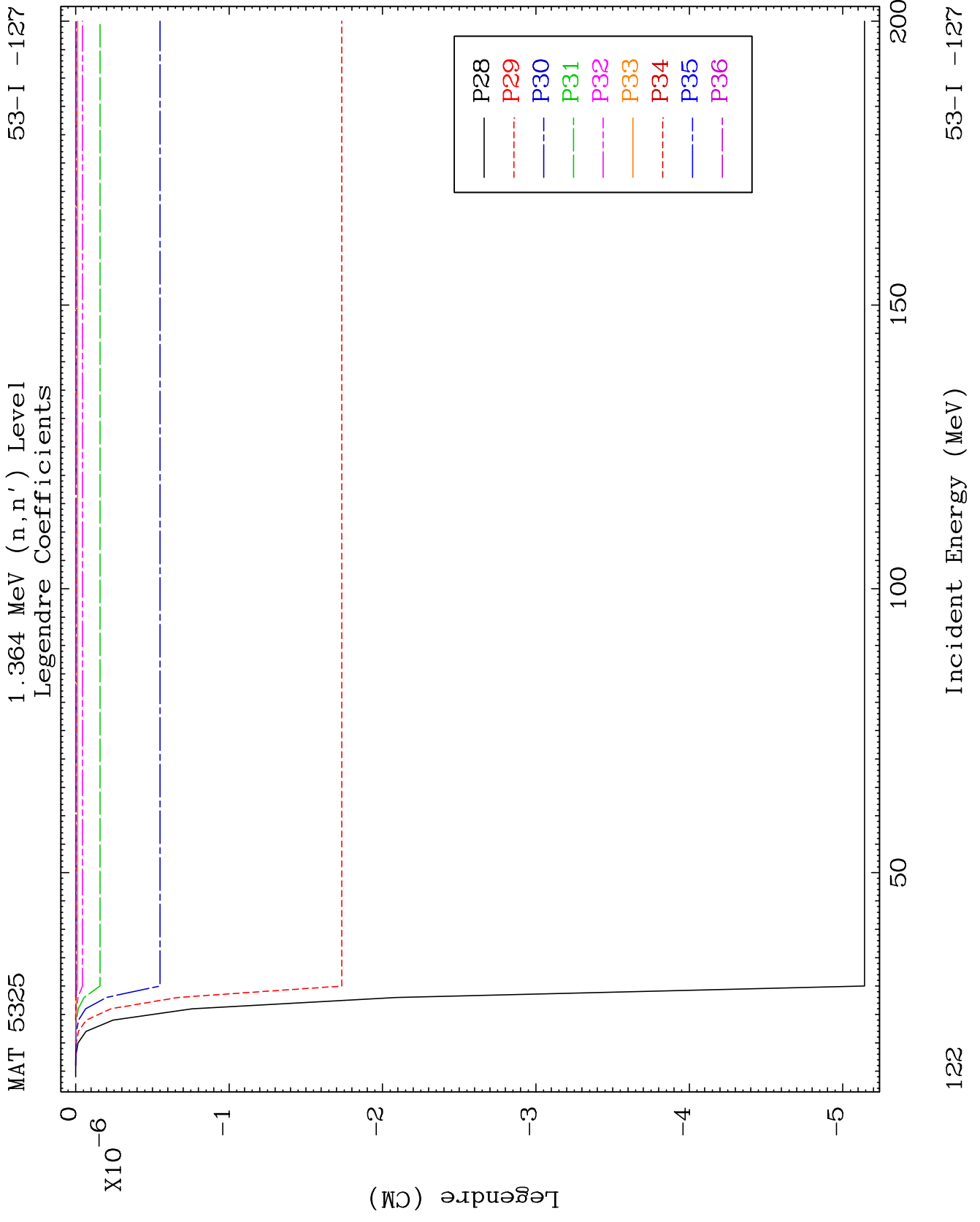


53-I -127

Incident Energy (MeV)

120

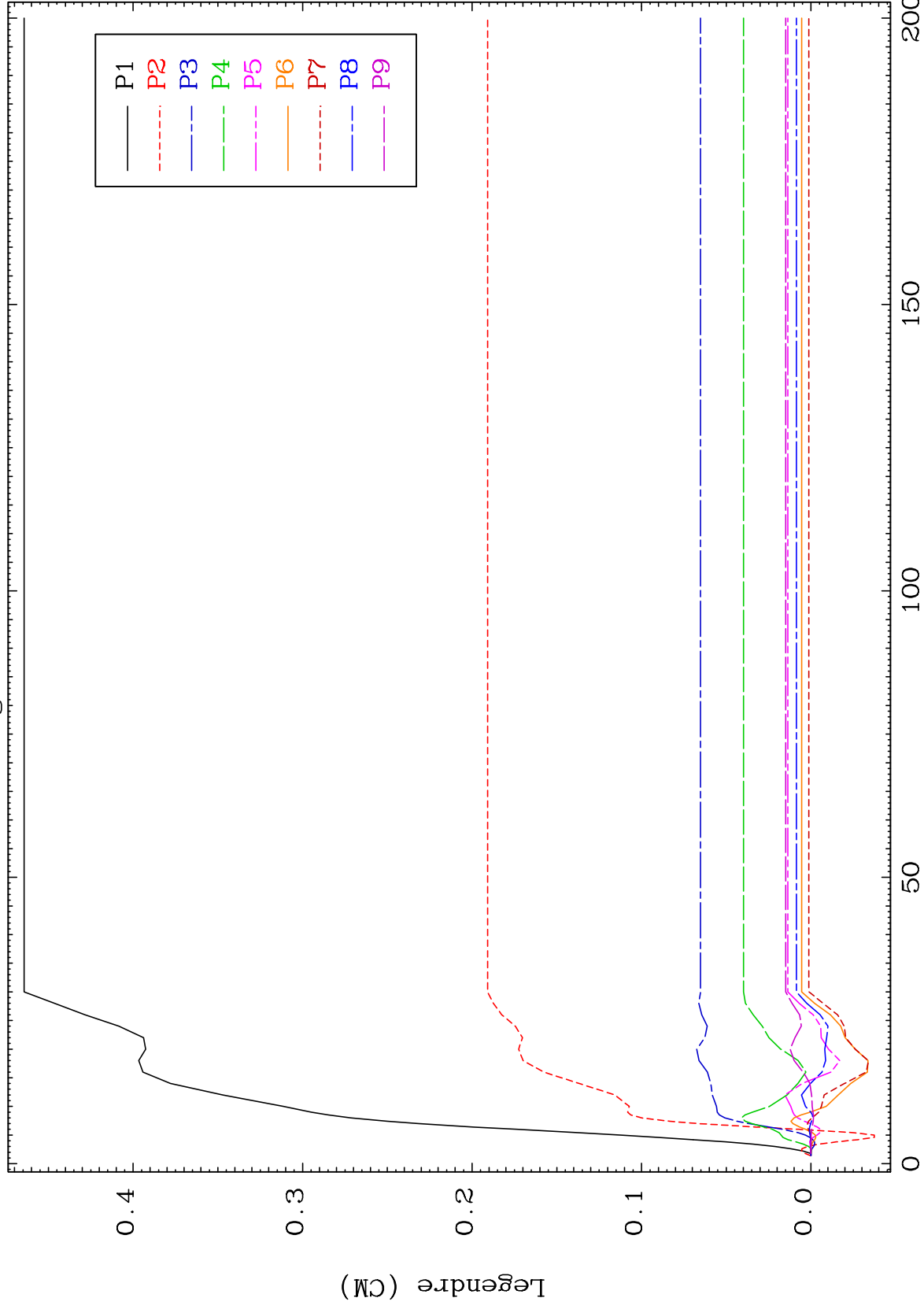




MAT 5325

1.375 MeV (n,n') Level
Legendre Coefficients

53-I -127



53-I -127

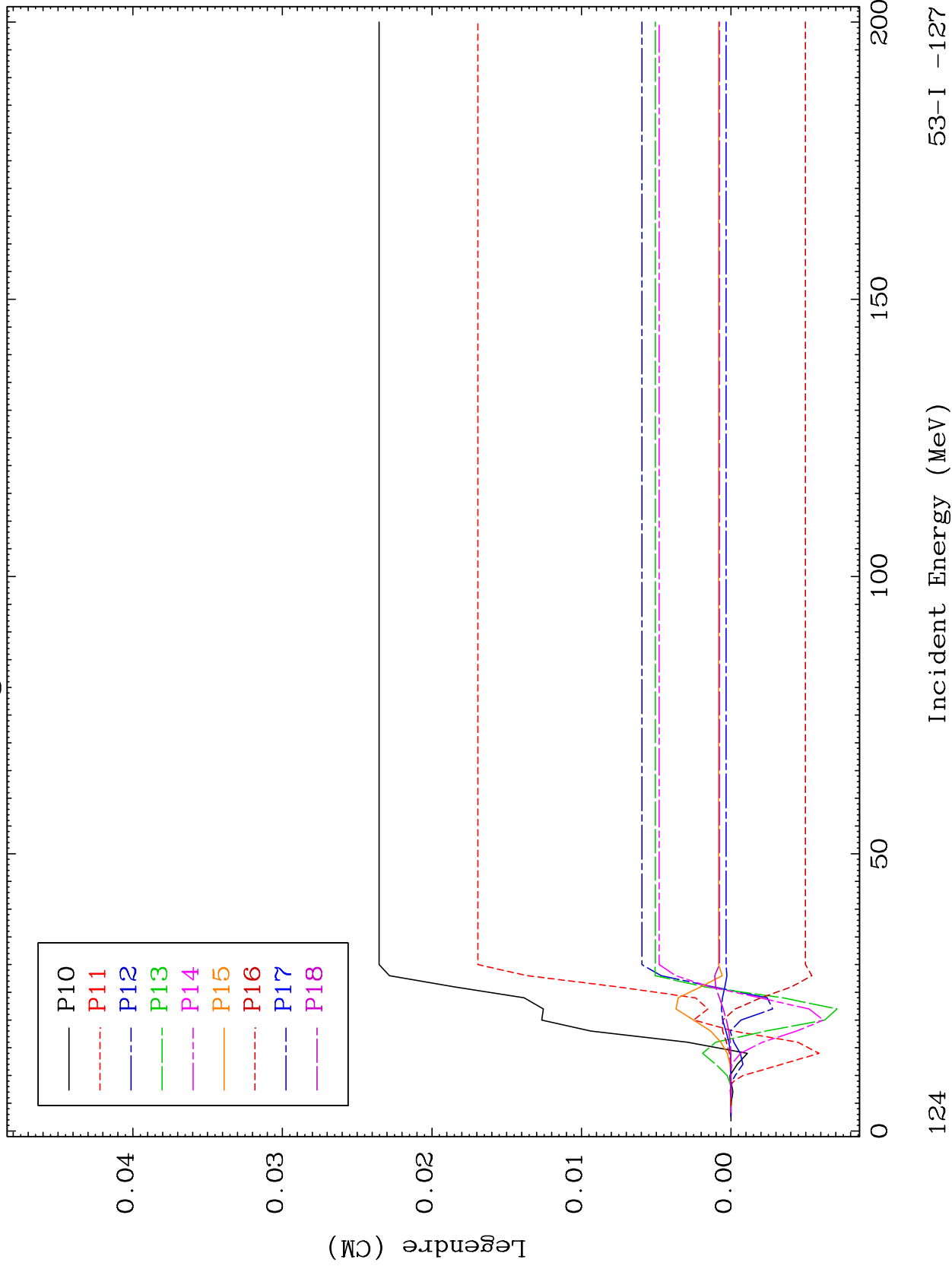
Incident Energy (MeV)

123

MAT 5325

1.375 MeV (n,n') Level
Legendre Coefficients

53-I -127



124

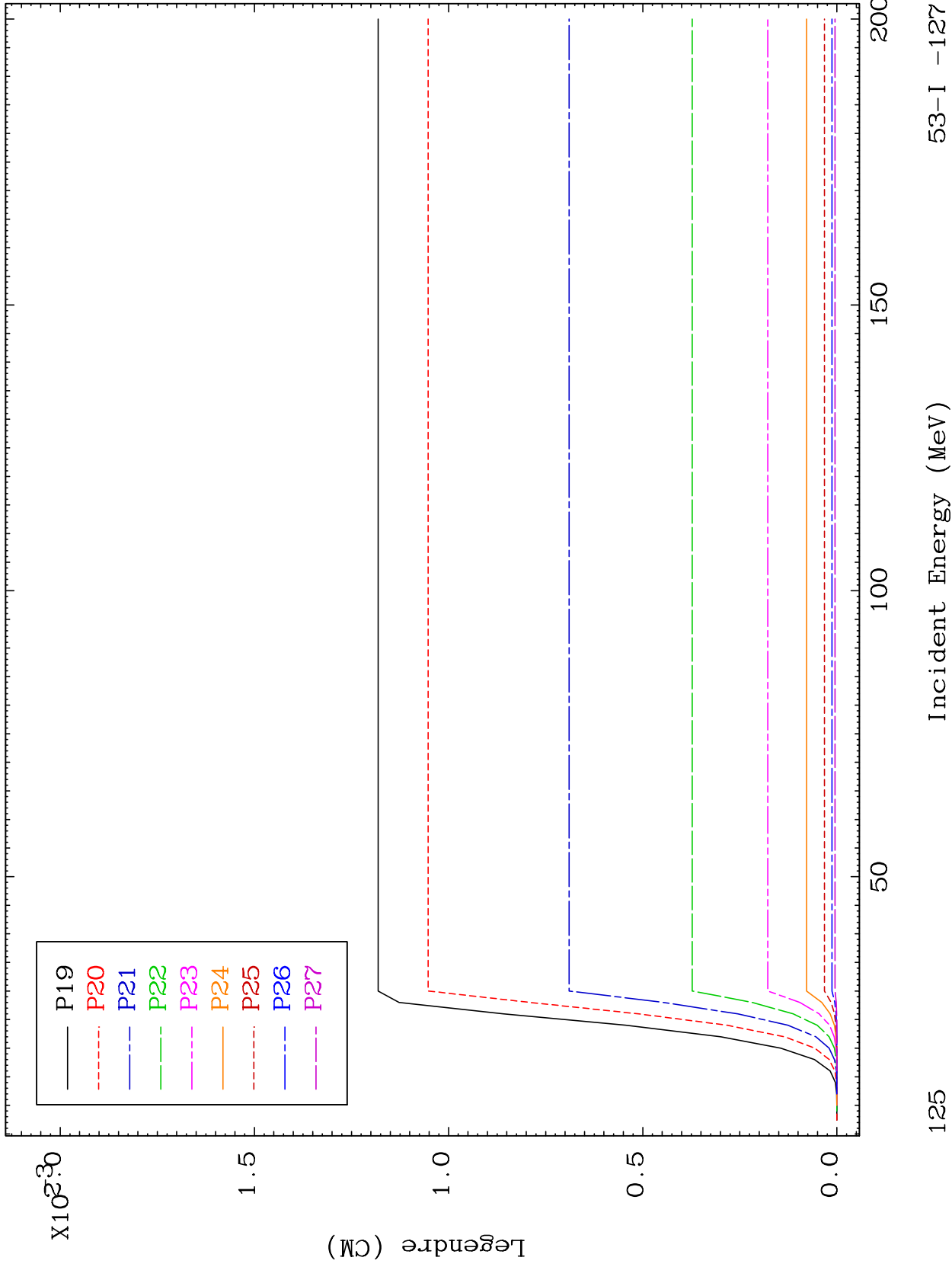
Incident Energy (MeV)

53-I -127

MAT 5325

1.375 MeV (n,n') Level
Legendre Coefficients

53-I -127



125

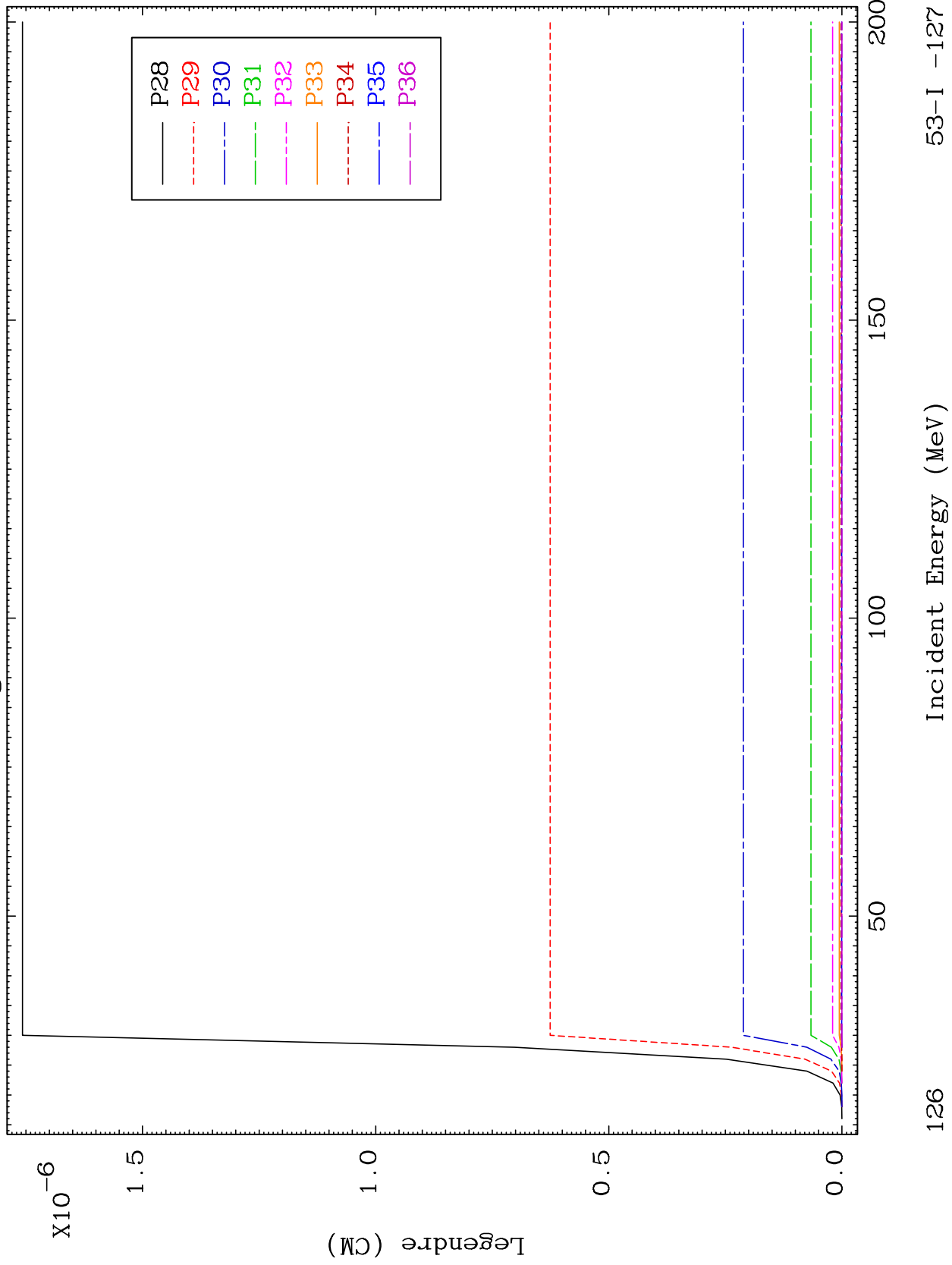
Incident Energy (MeV)

53-I -127

MAT 5325

1.375 MeV (n,n') Level
Legendre Coefficients

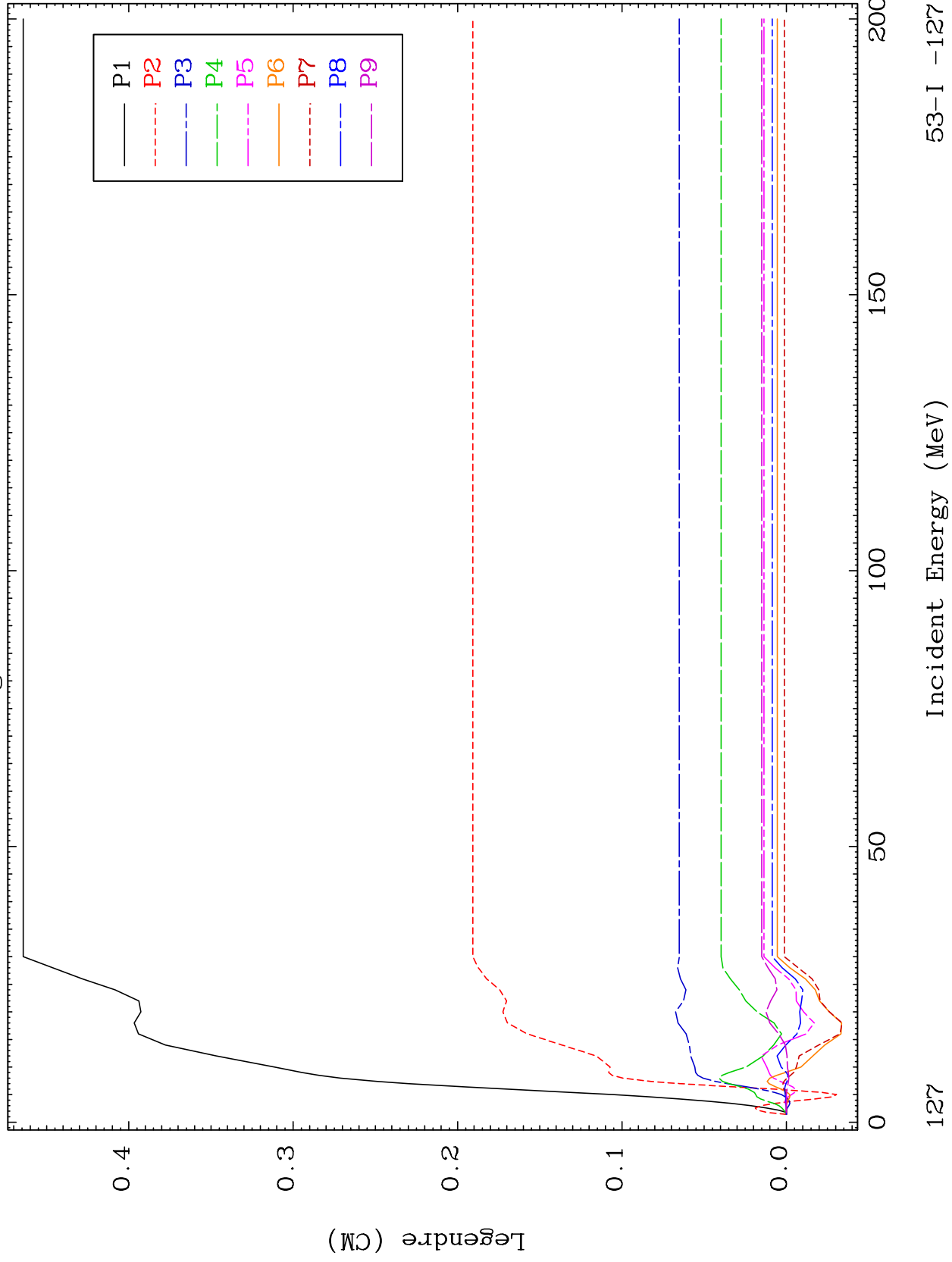
53-I -127



MAT 5325

1.402 MeV (n,n') Level
Legendre Coefficients

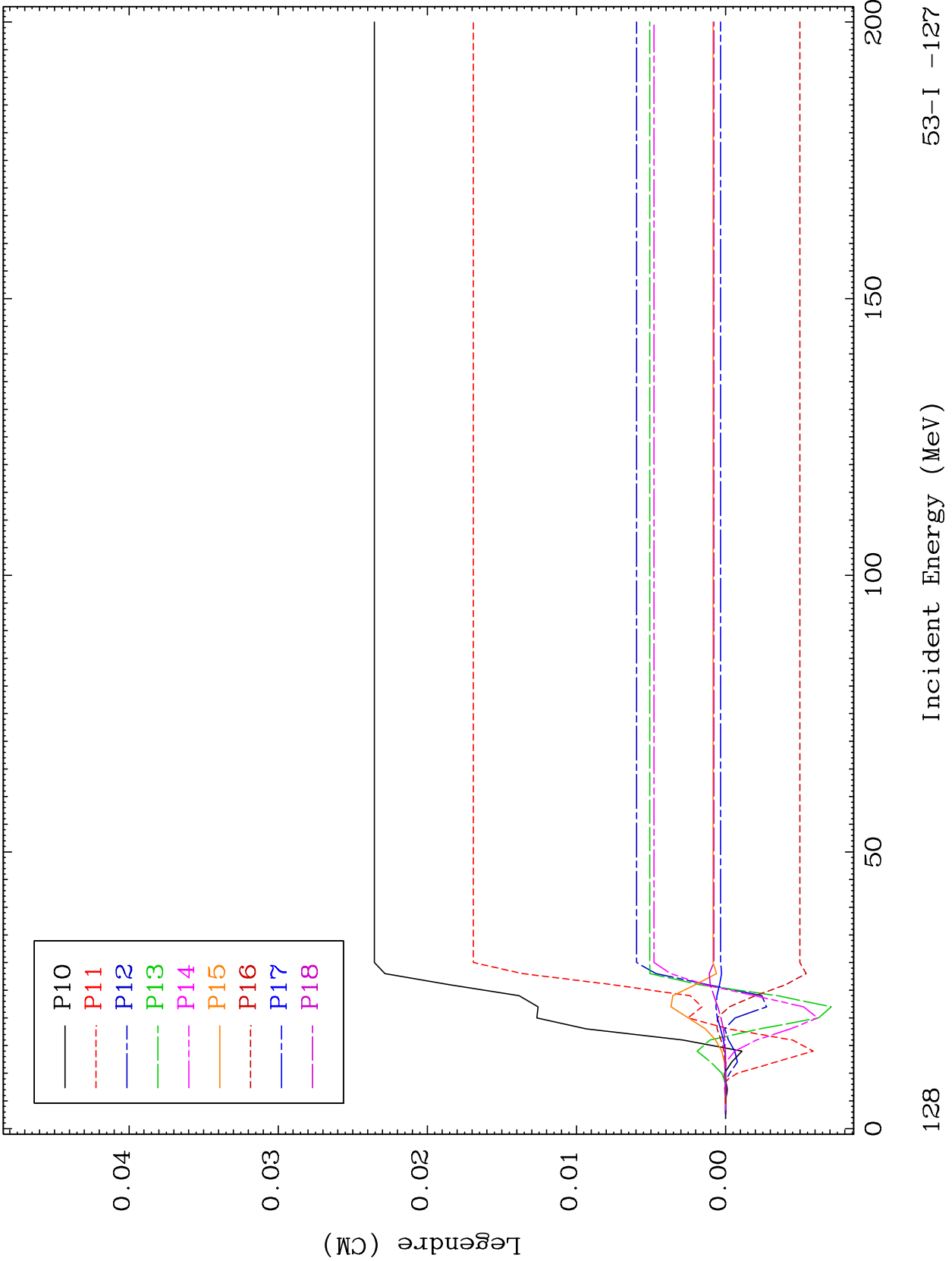
53-I -127

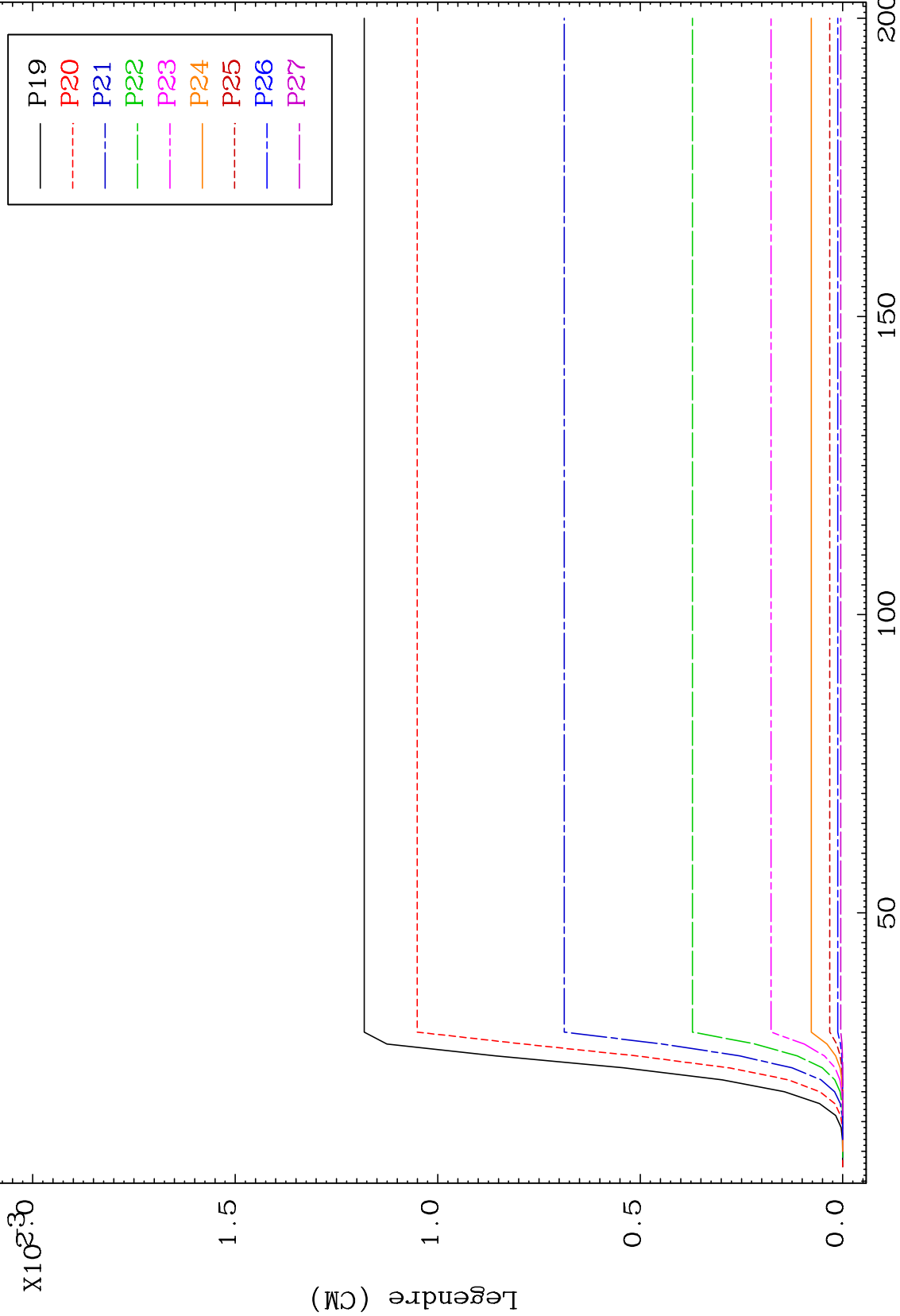


53-I -127

Incident Energy (MeV)

127

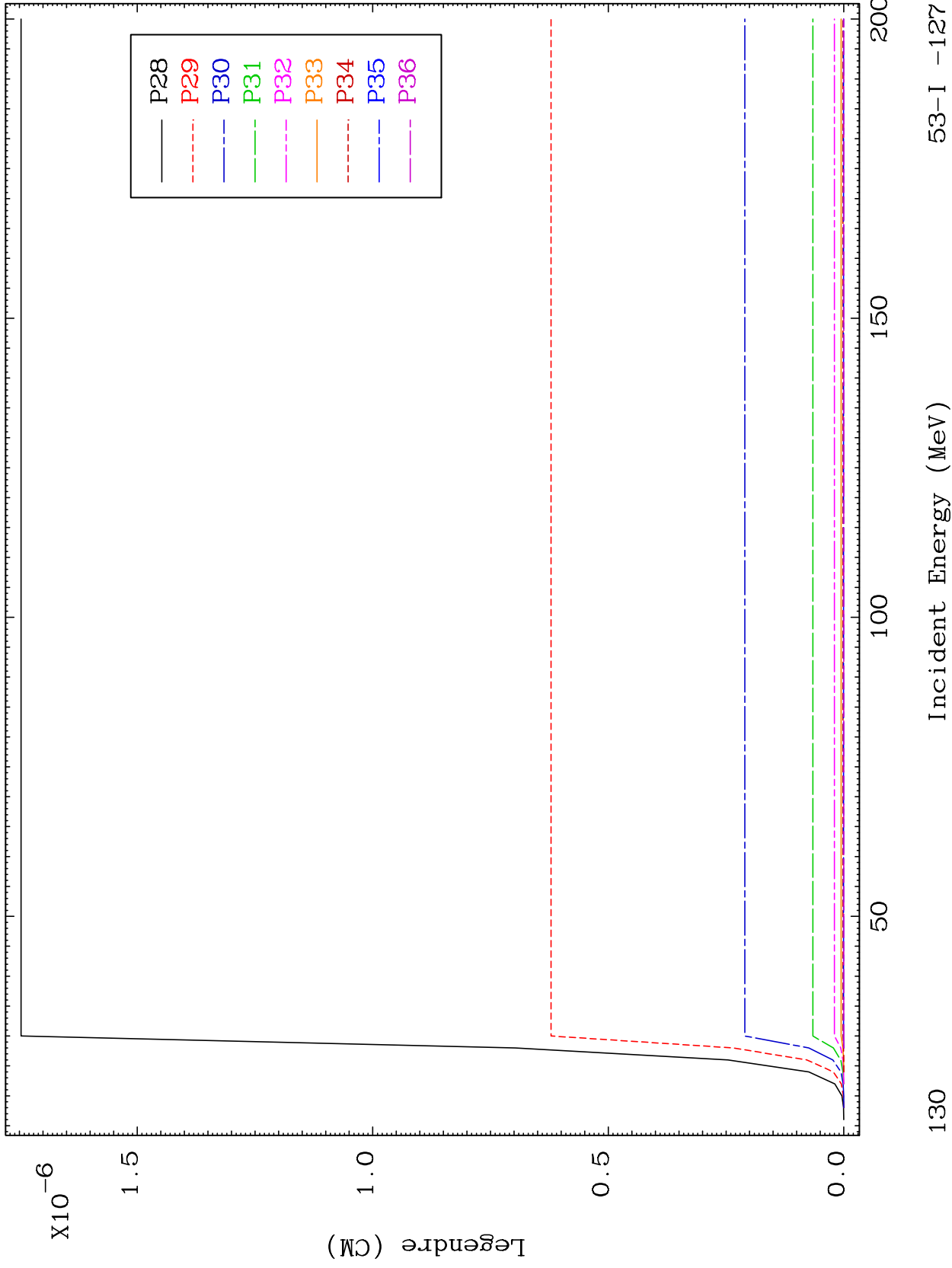




MAT 5325

1.402 MeV (n,n') Level
Legendre Coefficients

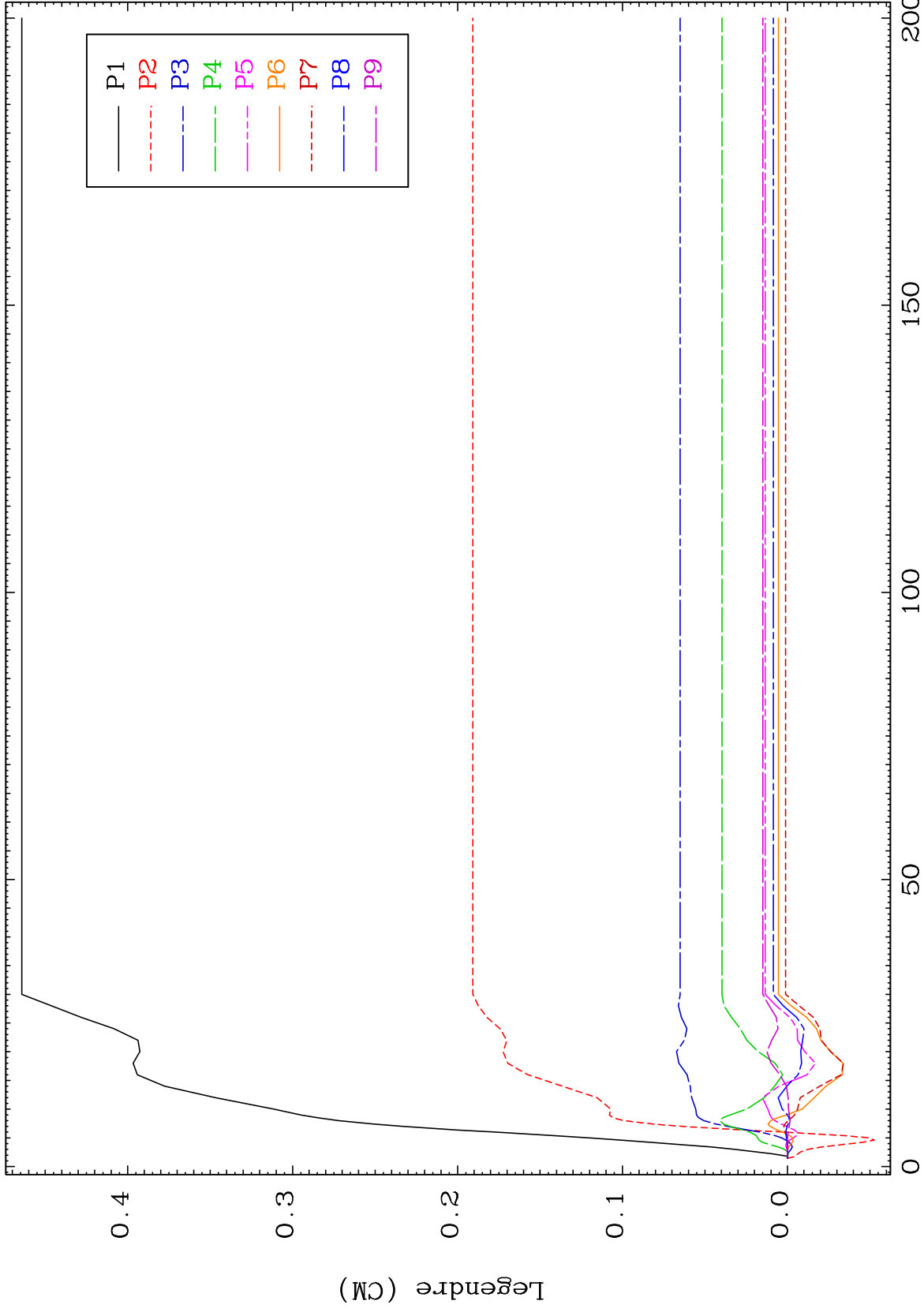
53-I -127

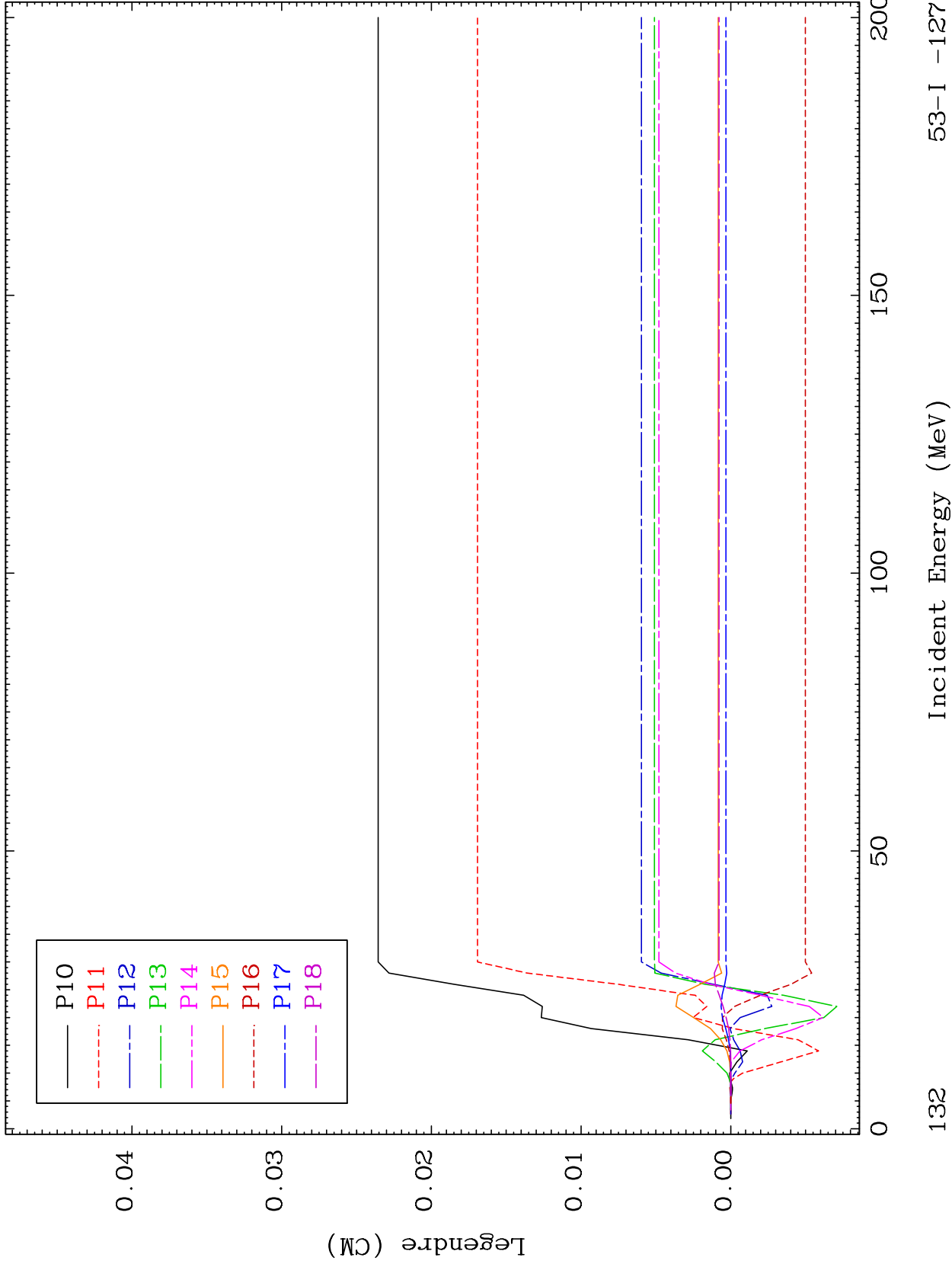


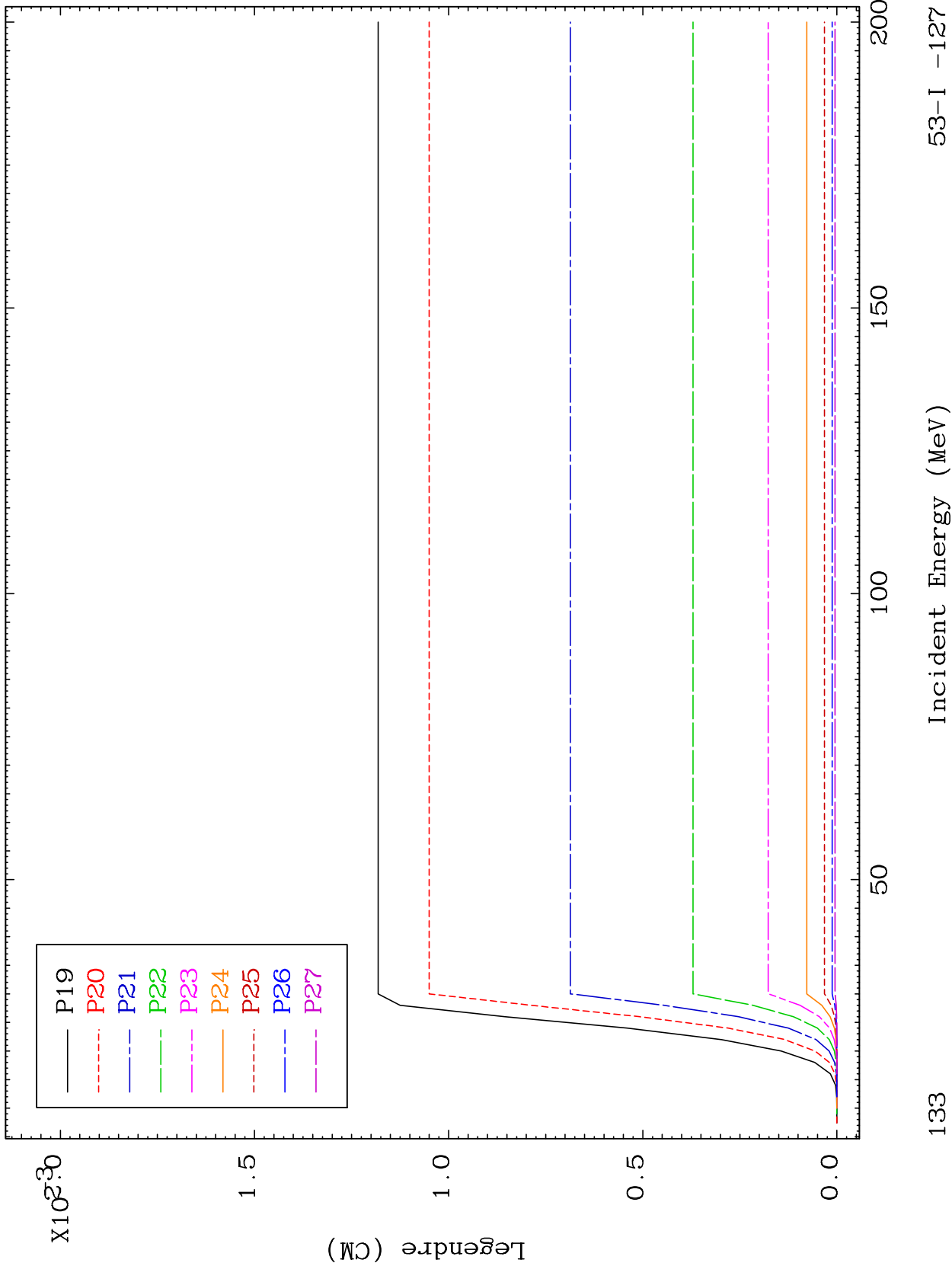
53-I -127

Incident Energy (MeV)

130



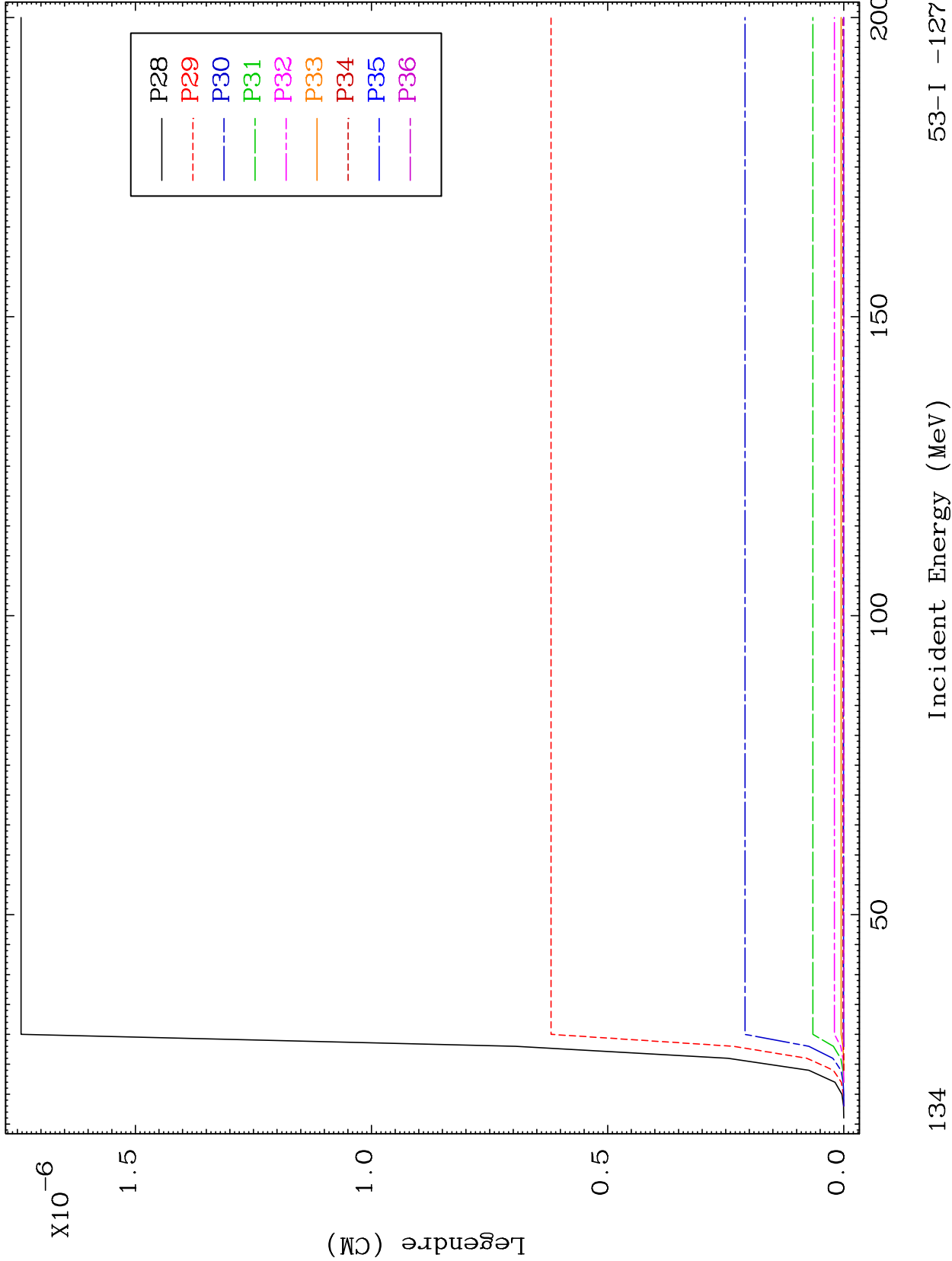




MAT 5325

1.413 MeV (n,n') Level
Legendre Coefficients

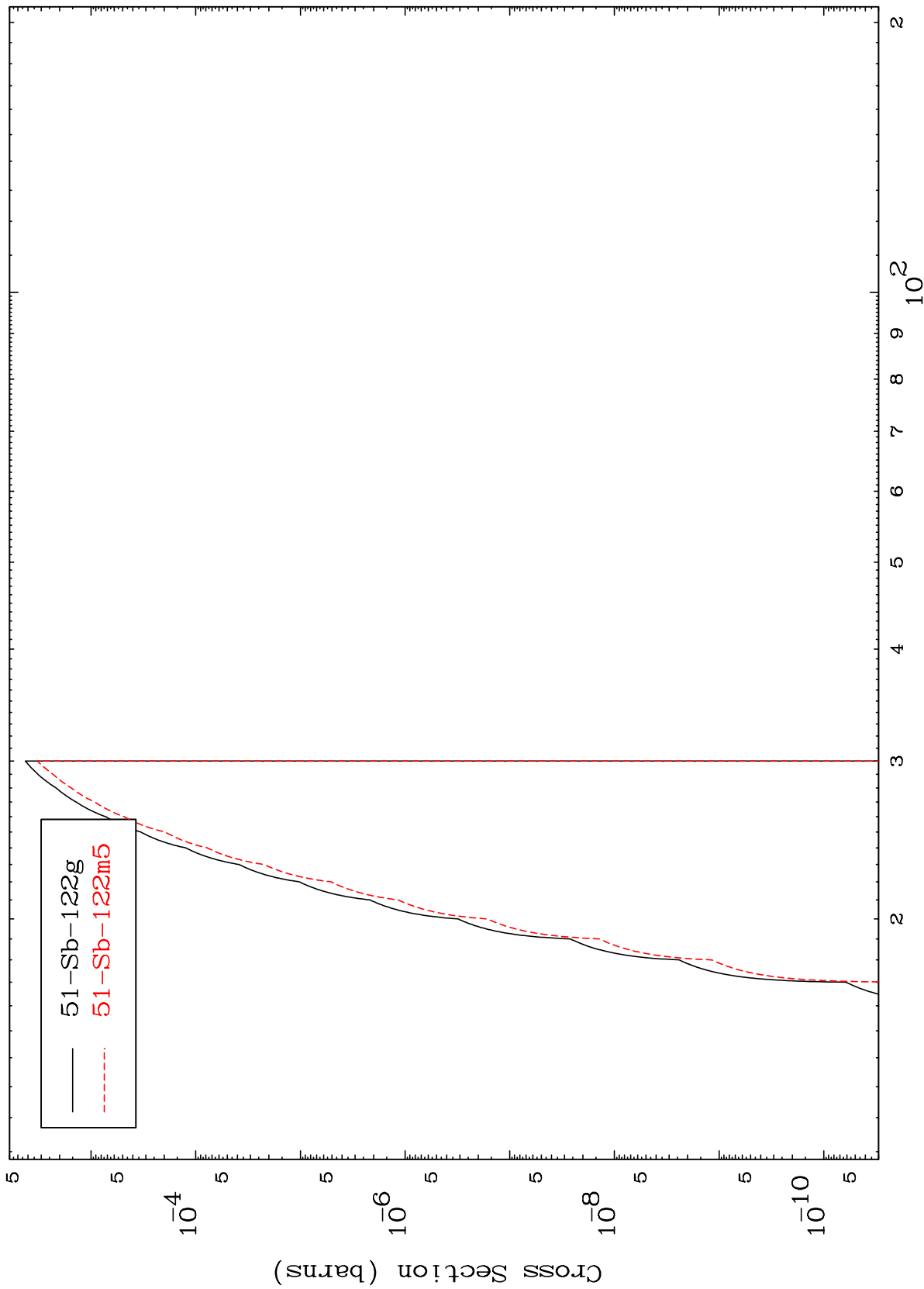
53-I -127



134

53-I -127

Radionuclide Production Cross Section

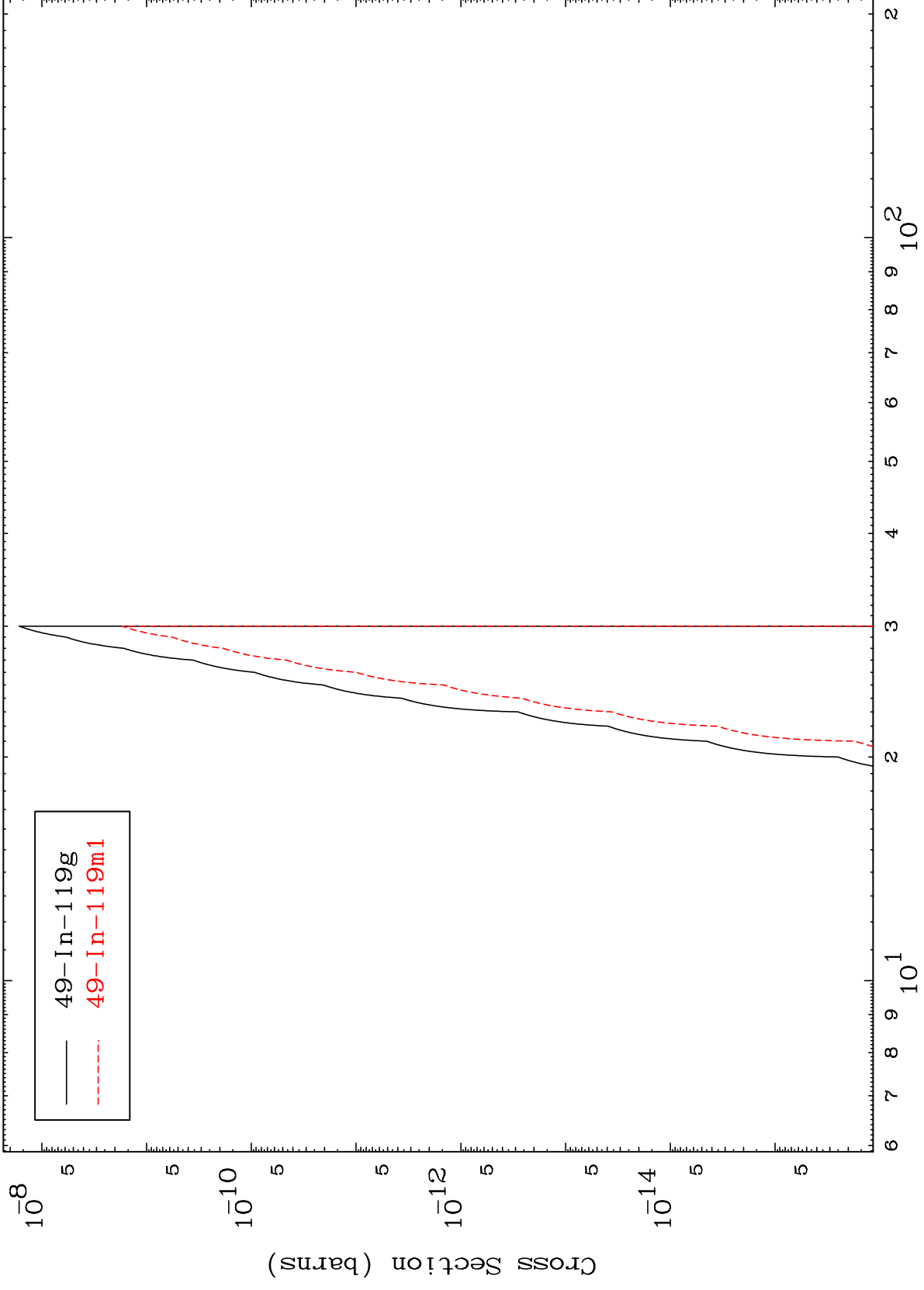


MAT 5325

(n,n') 2α

53-I -127

Radionuclide Production Cross Section



— 49-In-119g
- - - 49-In-119m1

136

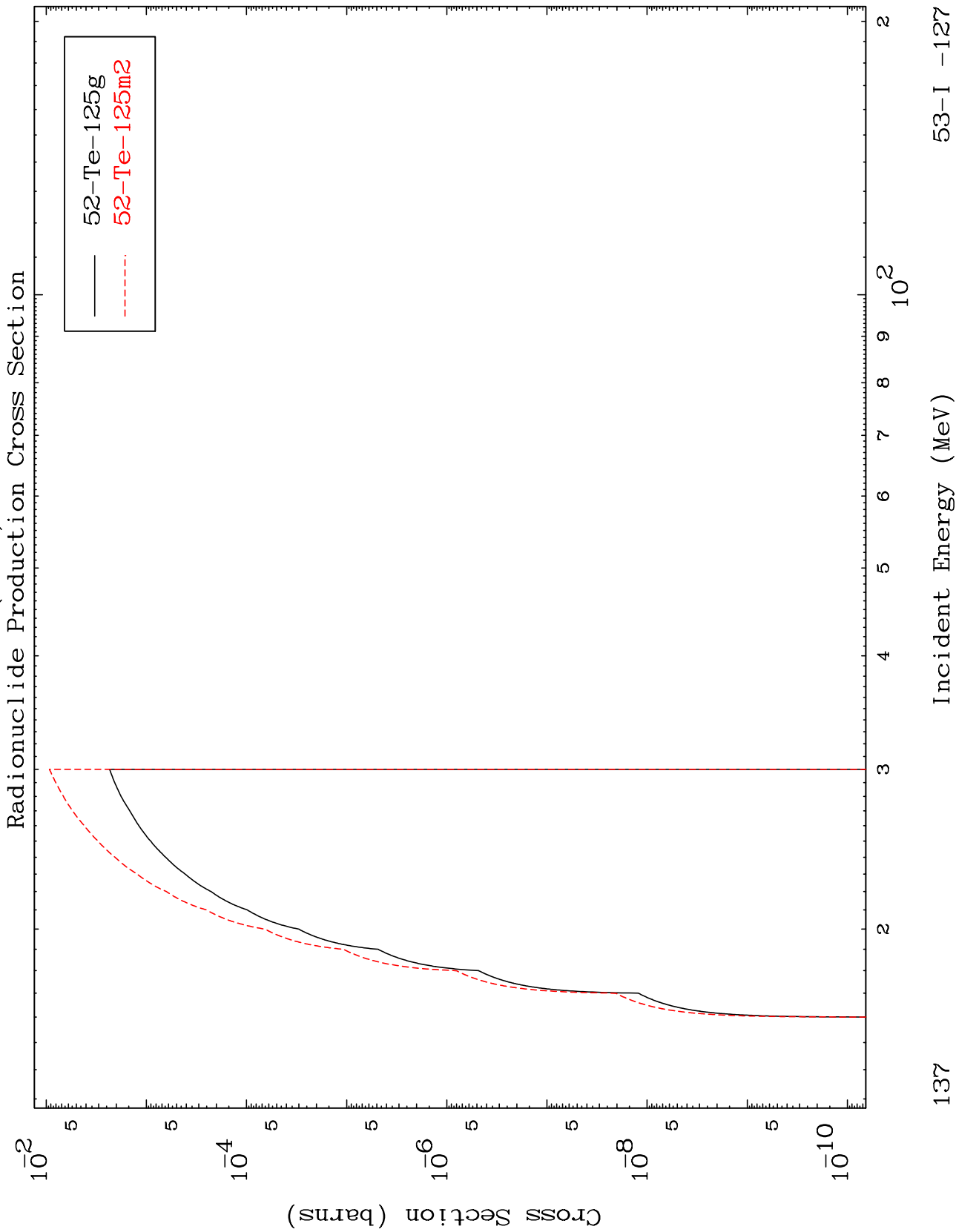
Incident Energy (MeV)

53-I -127

MAT 5325

(n,n') d

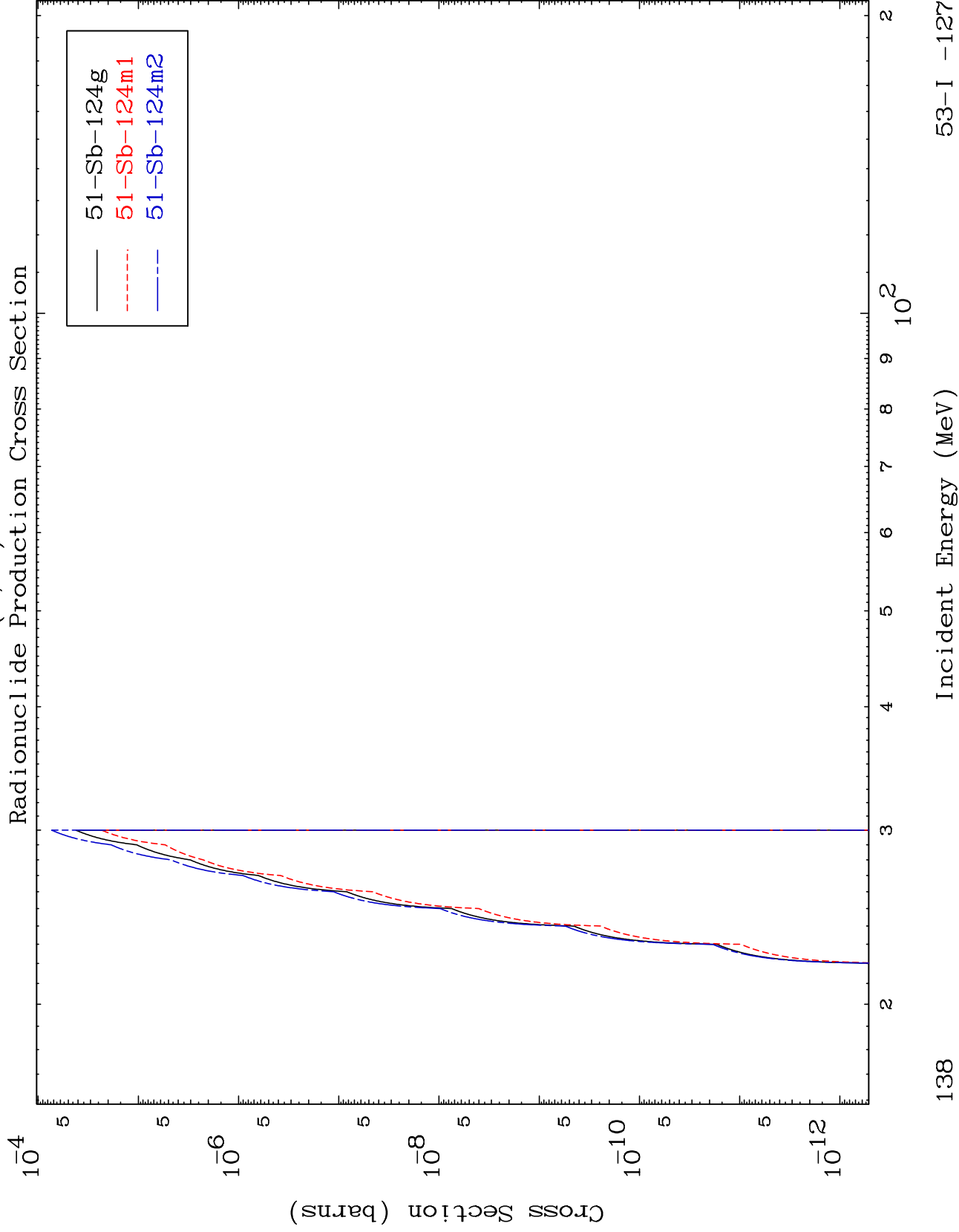
53-I -127



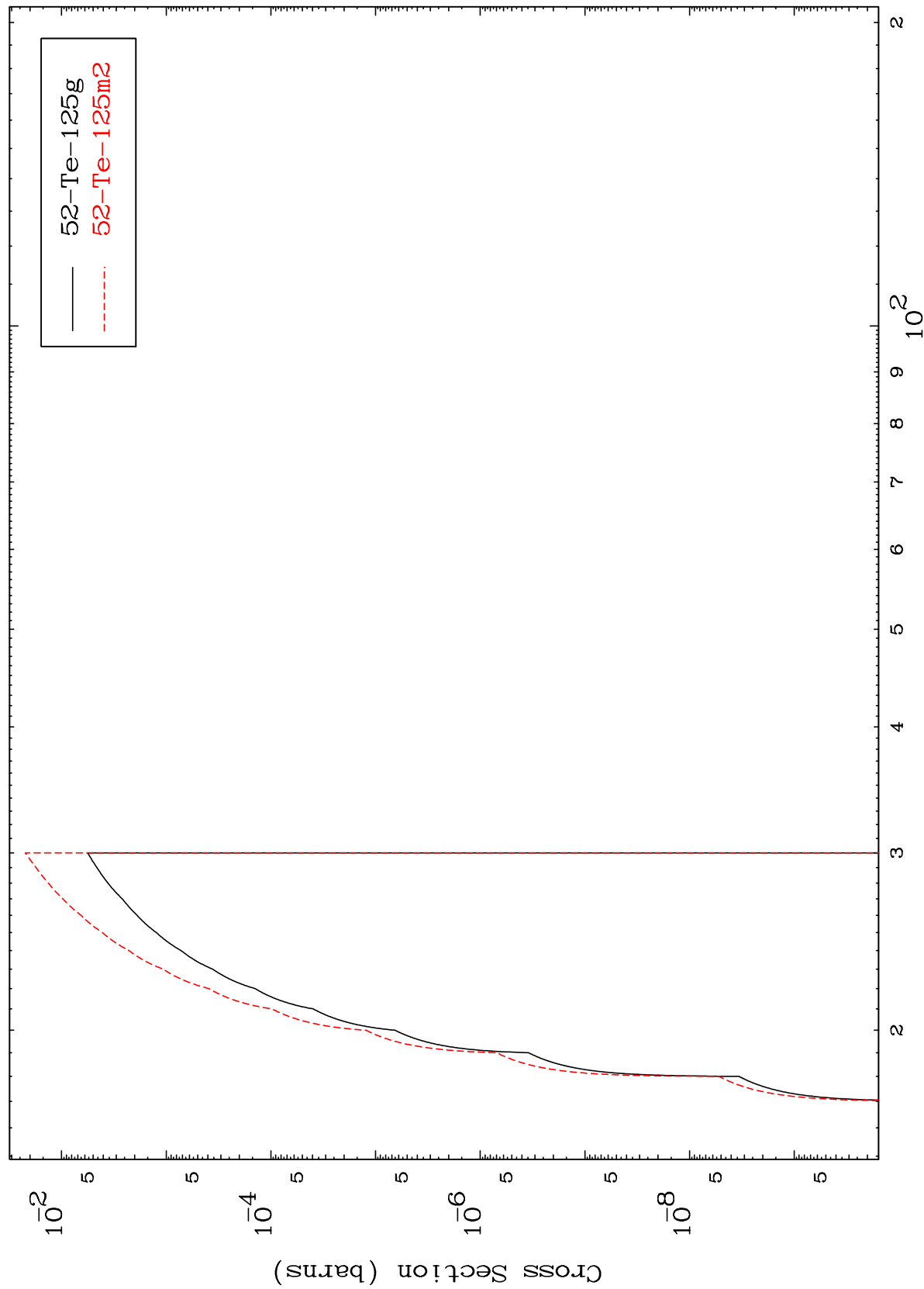
137

Incident Energy (MeV)

53-I -127



Radionuclide Production Cross Section

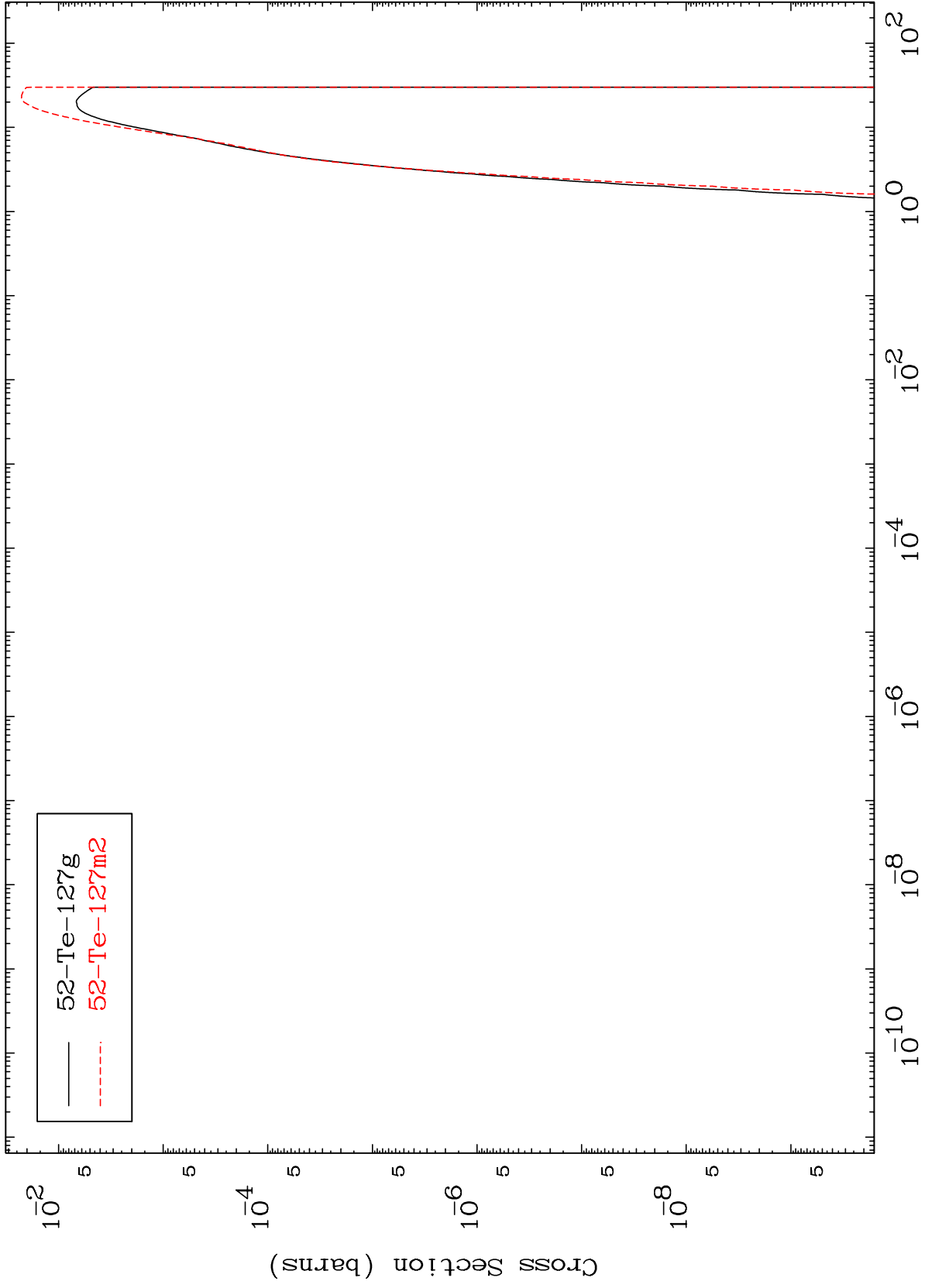


52-Te-125g
52-Te-125m2

MAT 5325

53-I -127

(n,p)
Radionuclide Production Cross Section



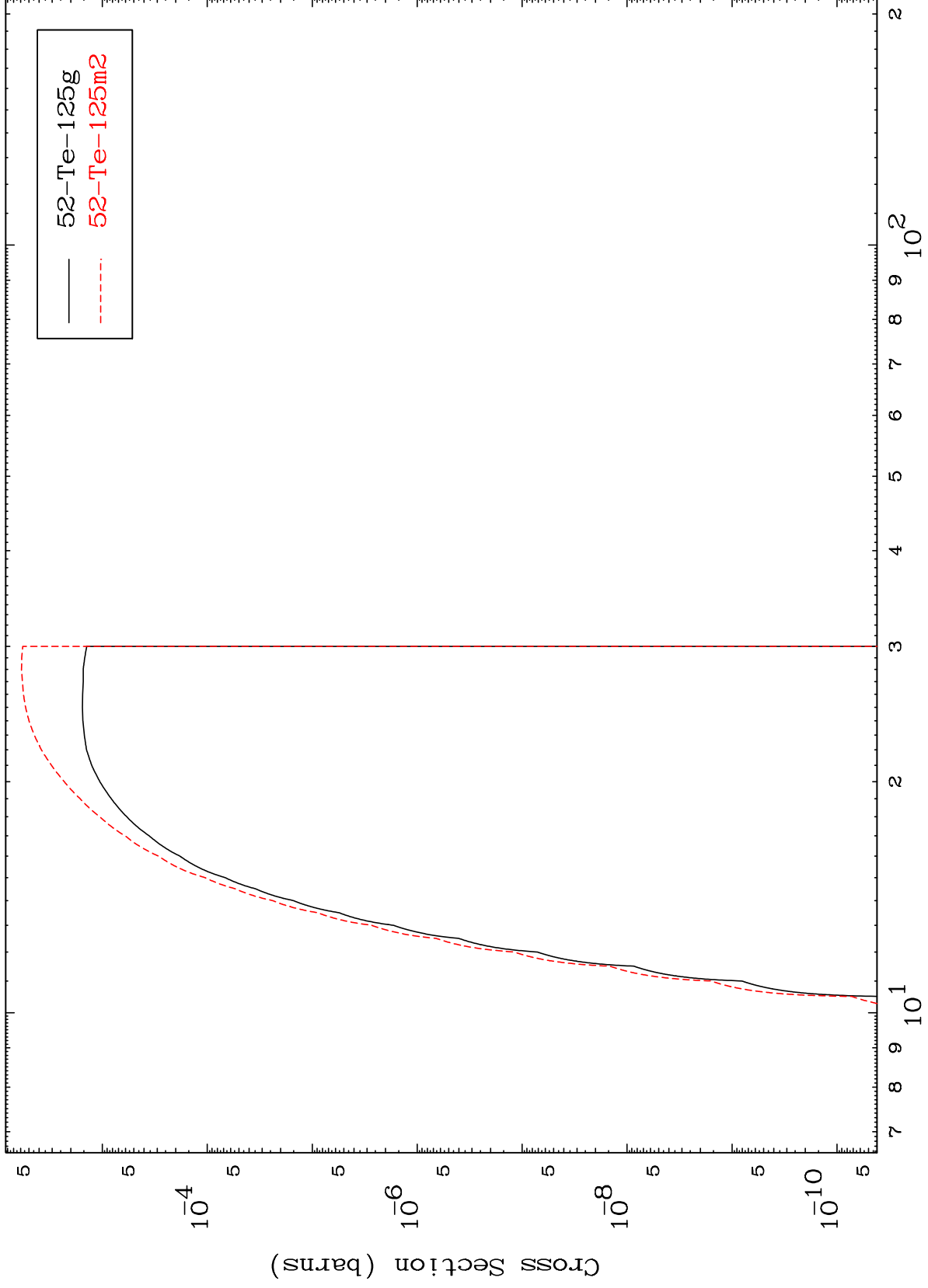
— 52-Te-127g
- - - 52-Te-127m2

53-I -127

Incident Energy (MeV)

140

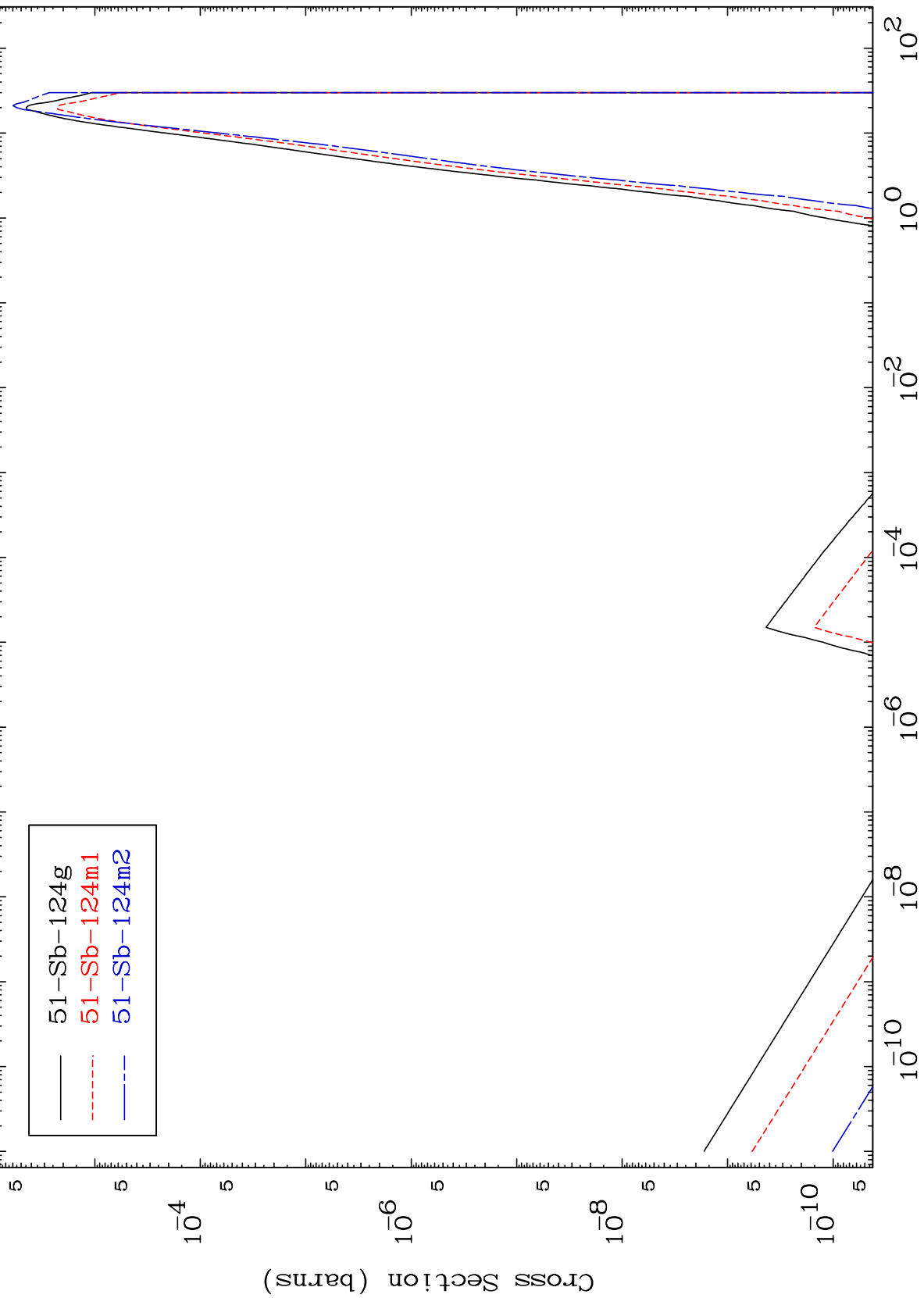
(n,t)
Radionuclide Production Cross Section



MAT 5325

53-I -127

Radionuclide Production Cross Section (n,α)



53-I -127

Incident Energy (MeV)

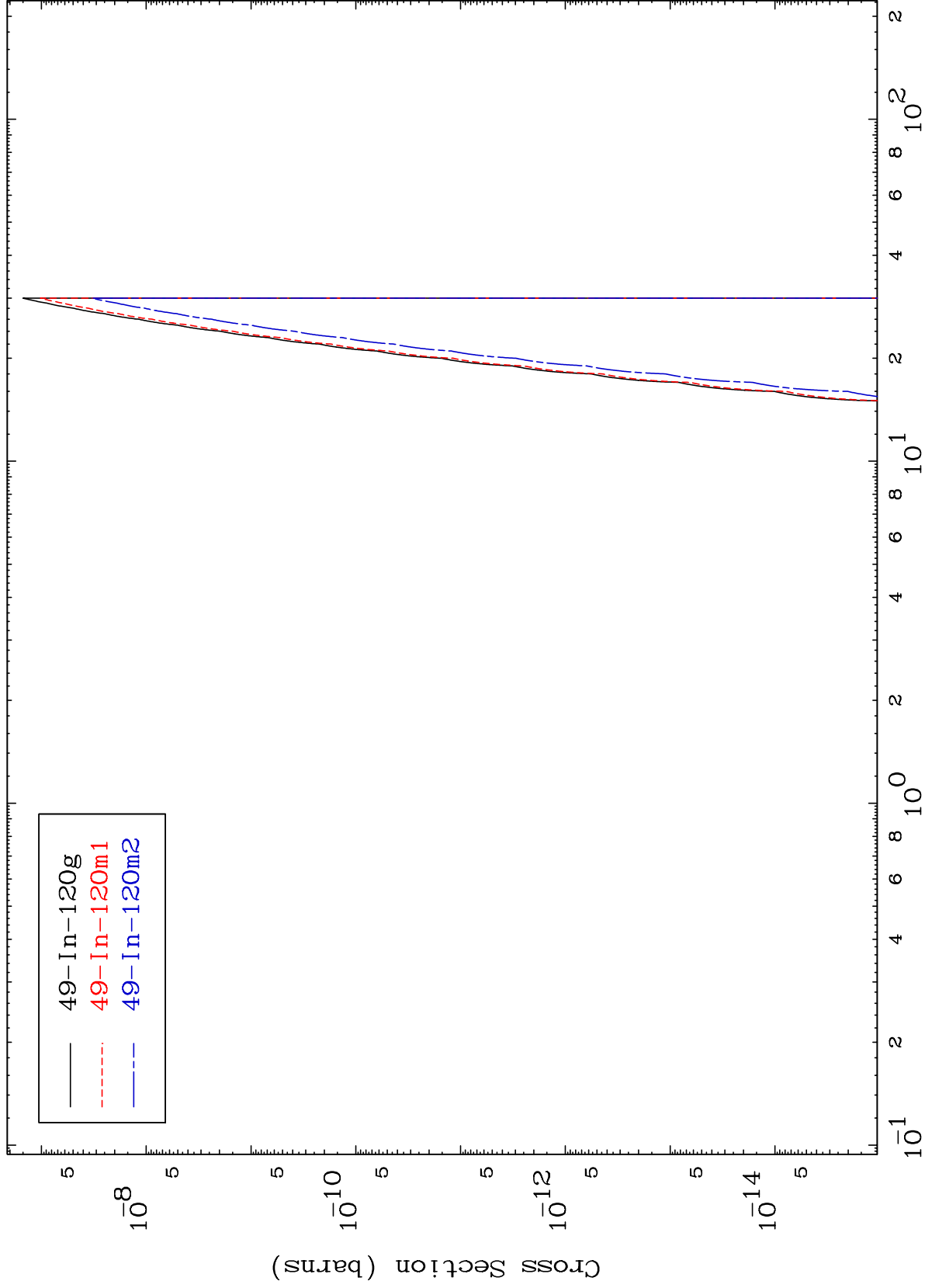
142

MAT 5325

(n,2α)

53-I -127

Radionuclide Production Cross Section

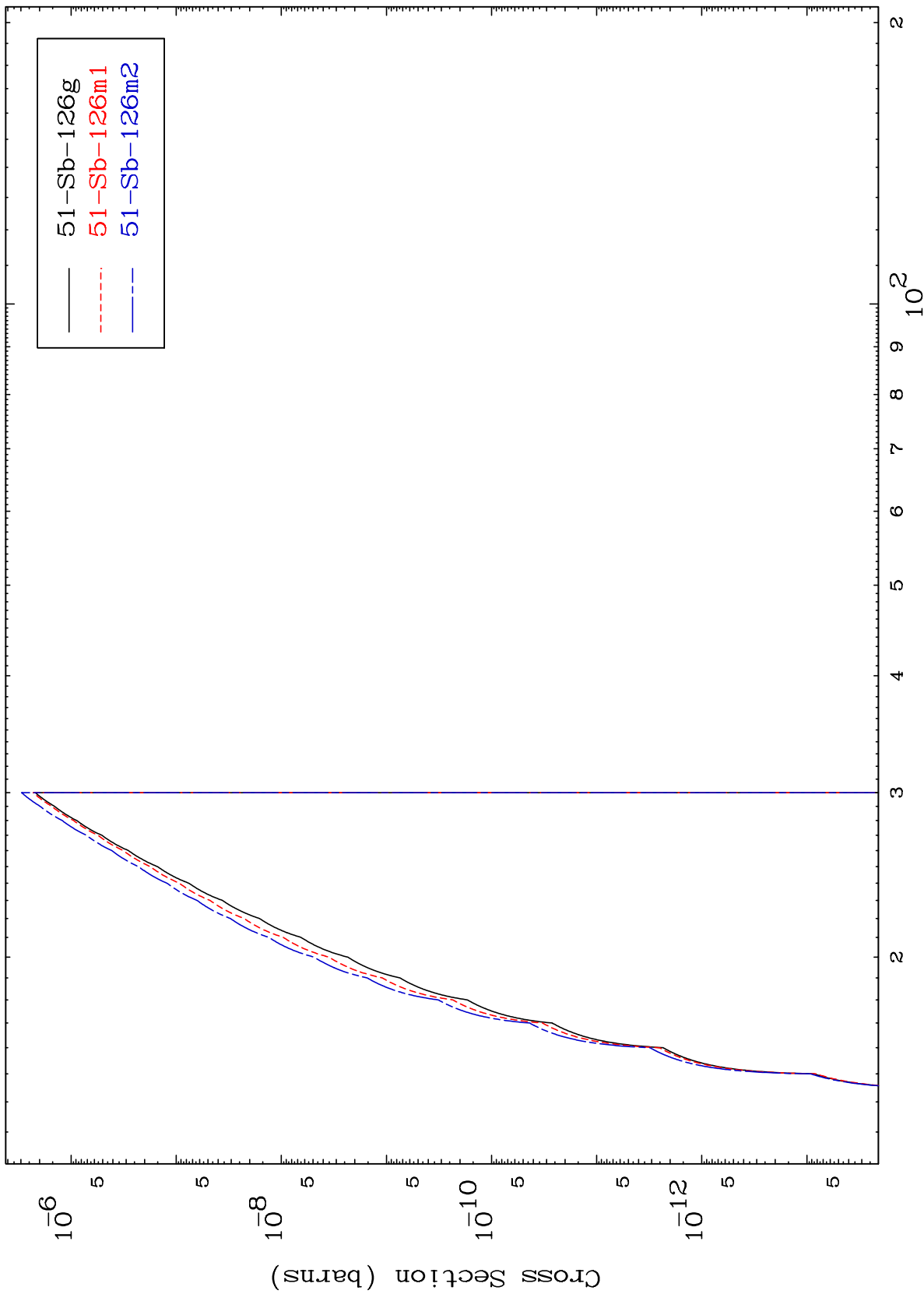


143

Incident Energy (MeV)

53-I -127

(n,2p)
Radionuclide Production Cross Section

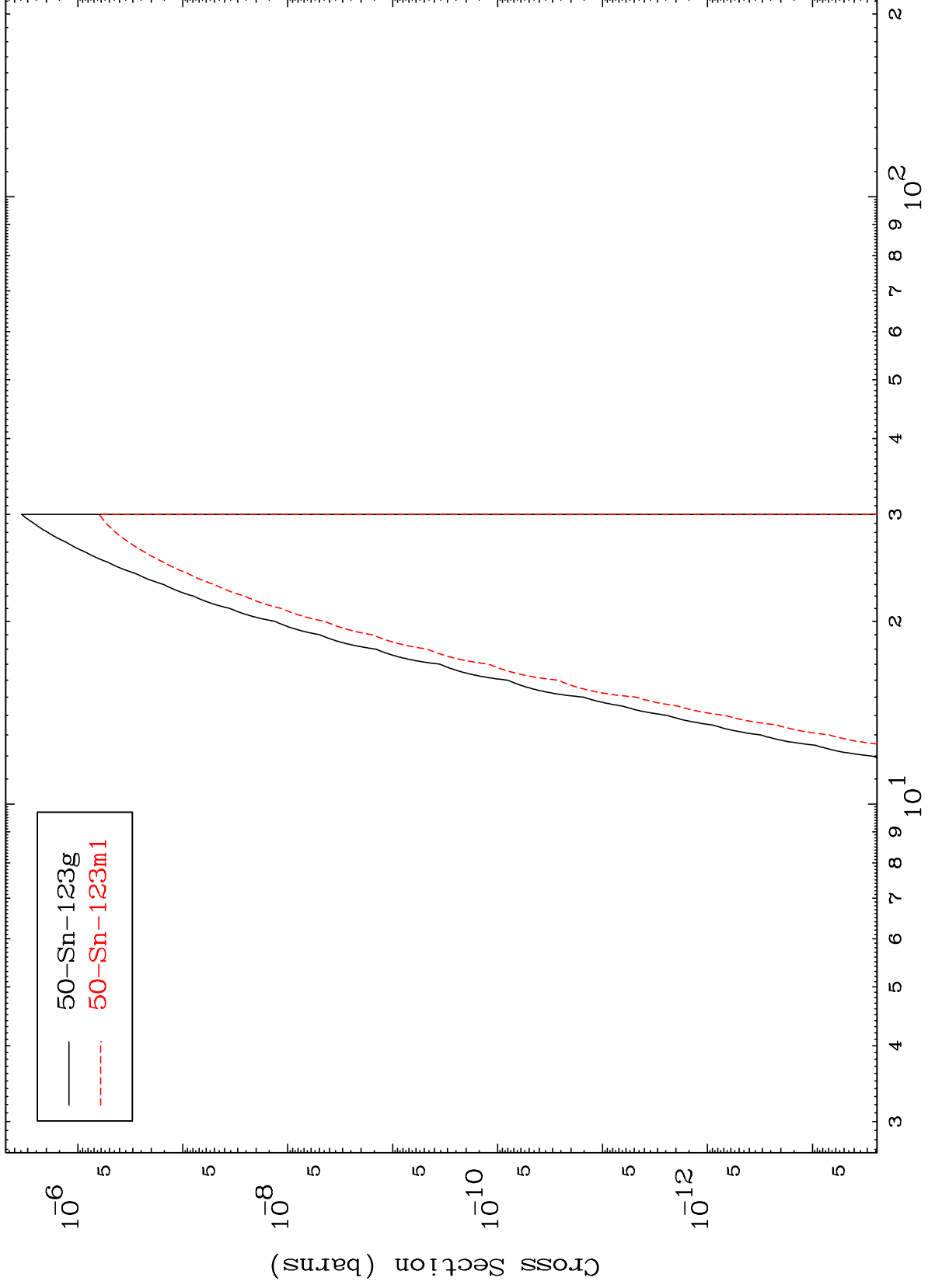


MAT 5325

(n,p) α

53-I -127

Radionuclide Production Cross Section



145

Incident Energy (MeV)

53-I -127

Radionuclide Production Cross Section

