

Program EVALPLOT
(Version 2015-2)

by

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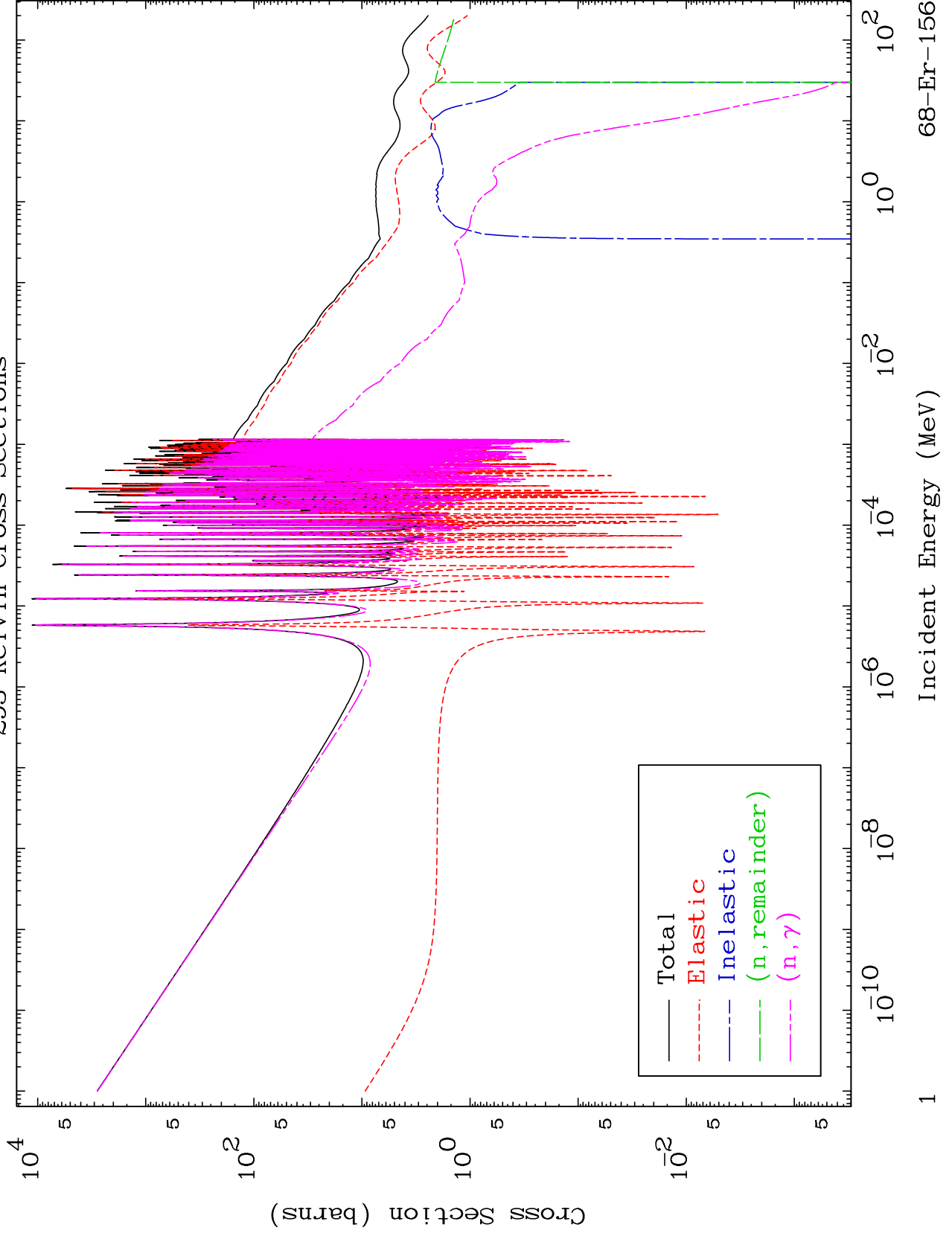
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6807

Major
293 Kelvin Cross Sections

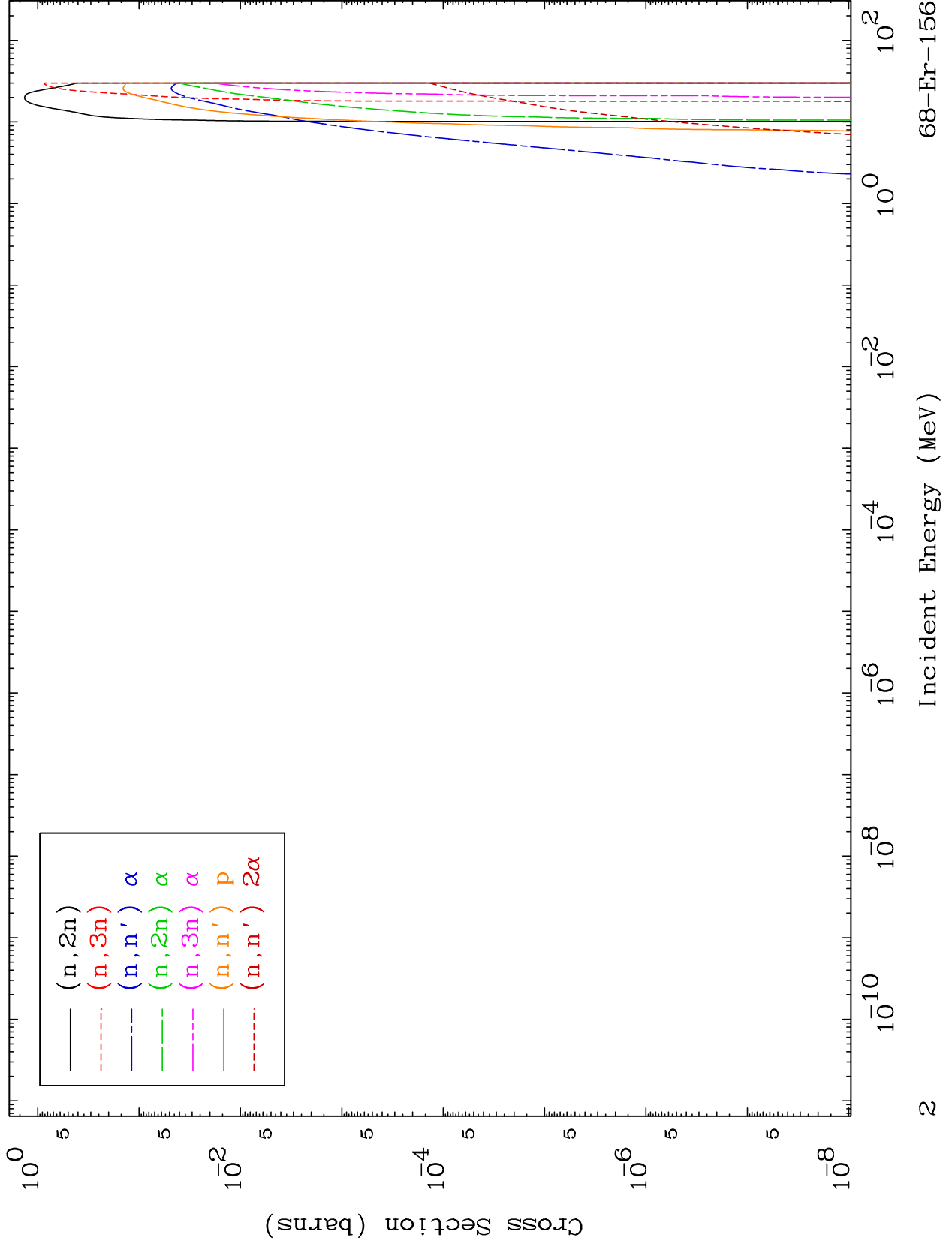
68-Er-156

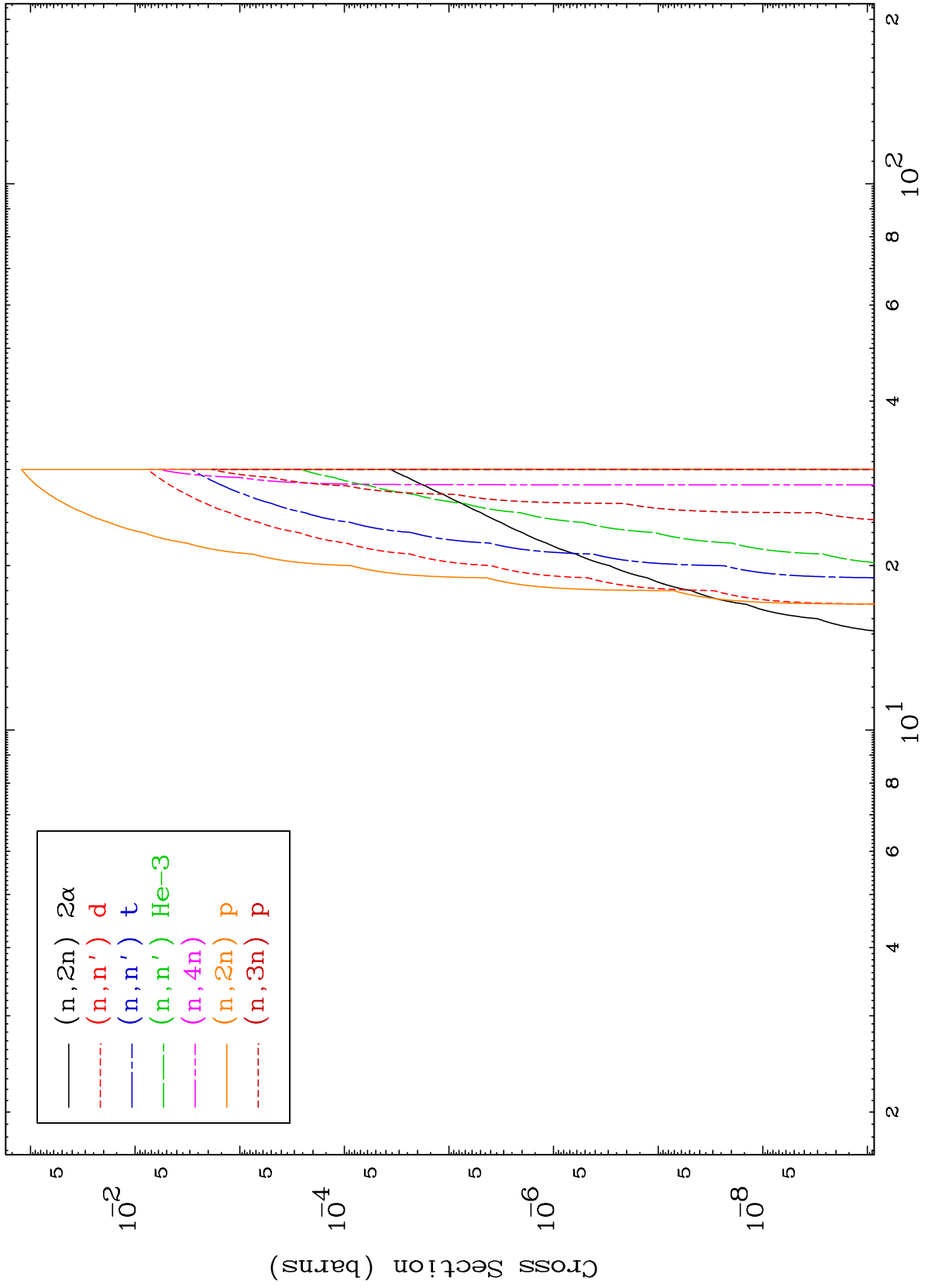


MAT 6807

Neutron Production
293 Kelvin Cross Sections

68-Er-156

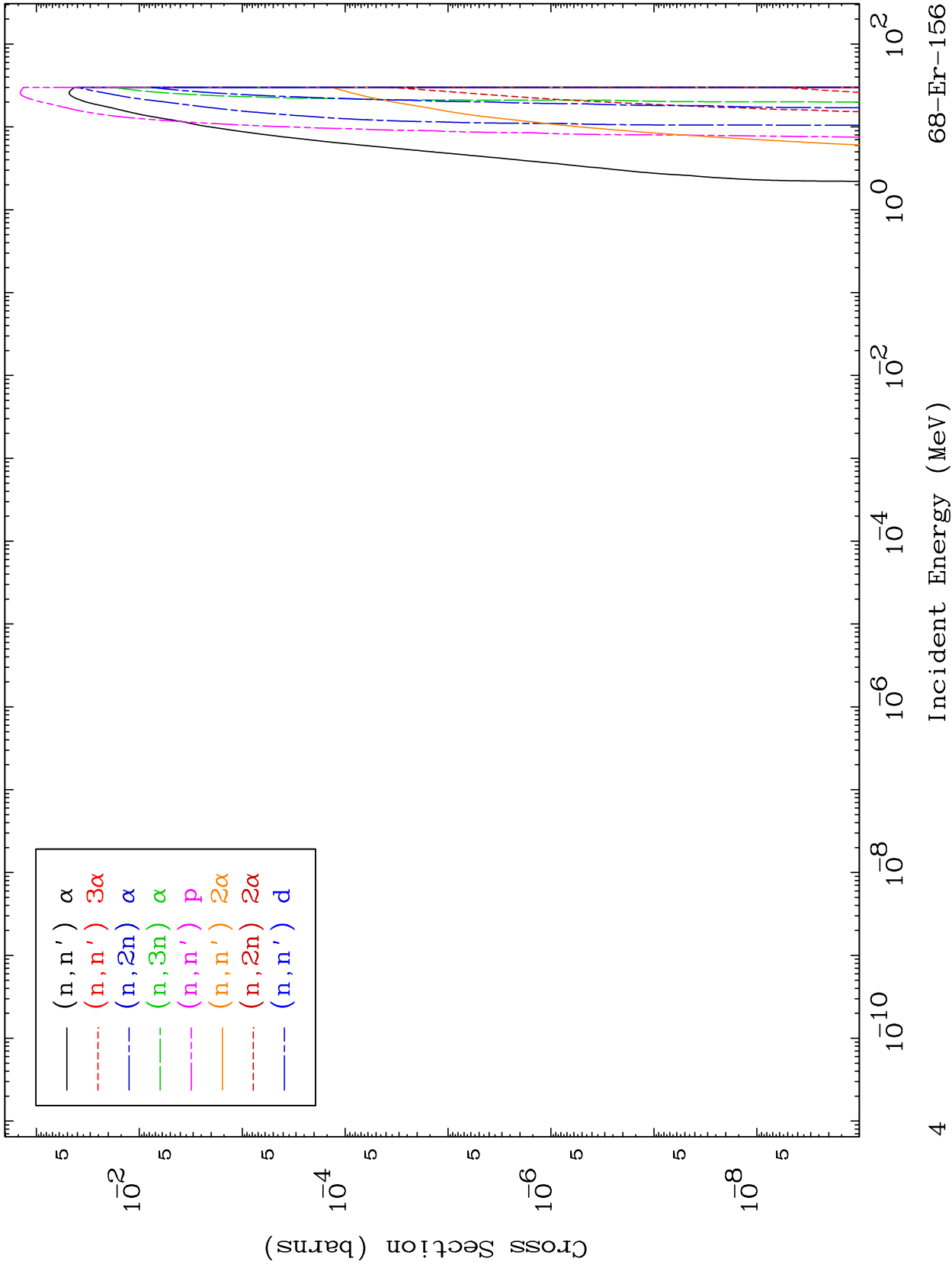




MAT 6807

Charged Particle
293 Kelvin Cross Sections

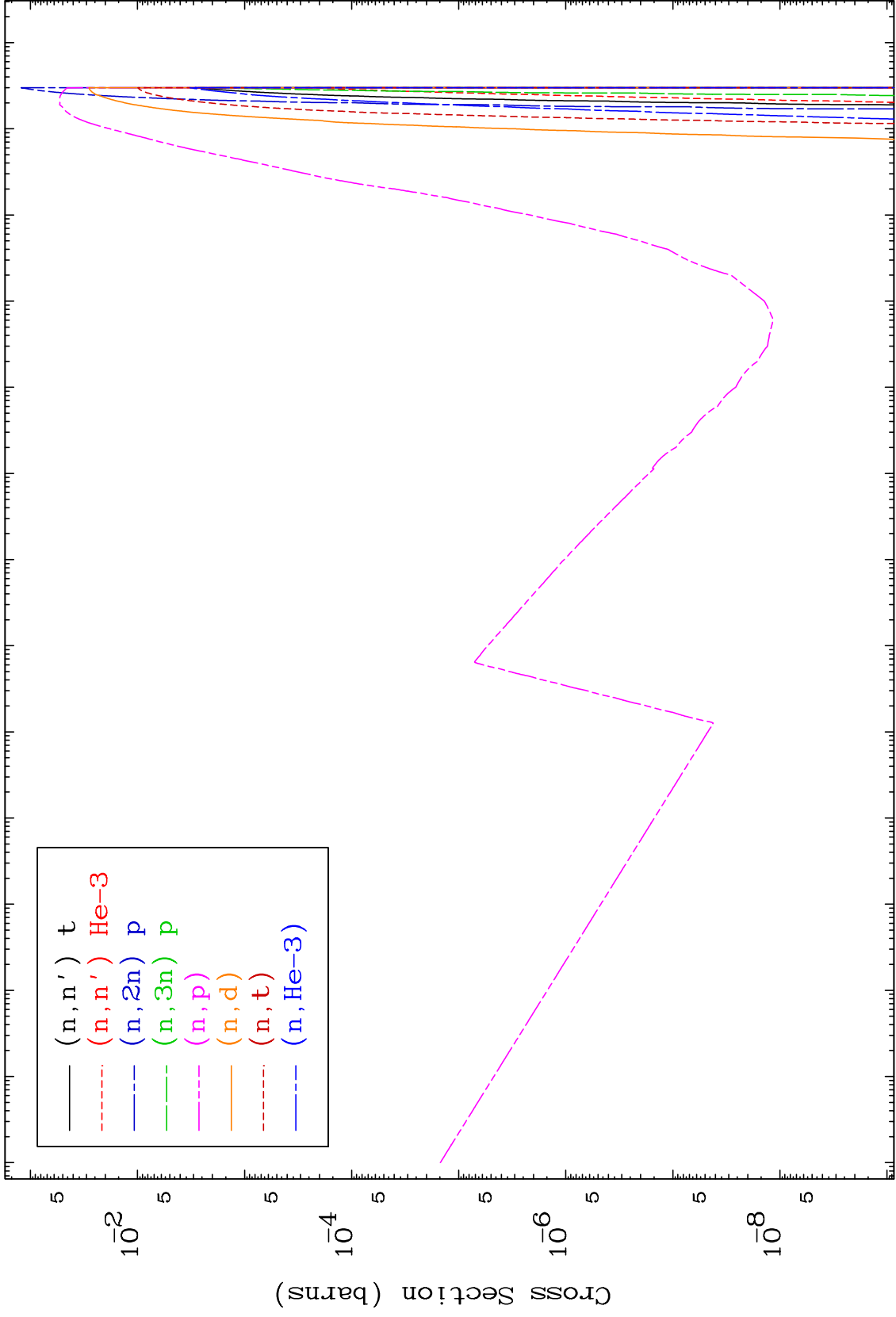
68-Er-156



MAT 6807

Charged Particle
293 Kelvin Cross Sections

68-Er-156



5

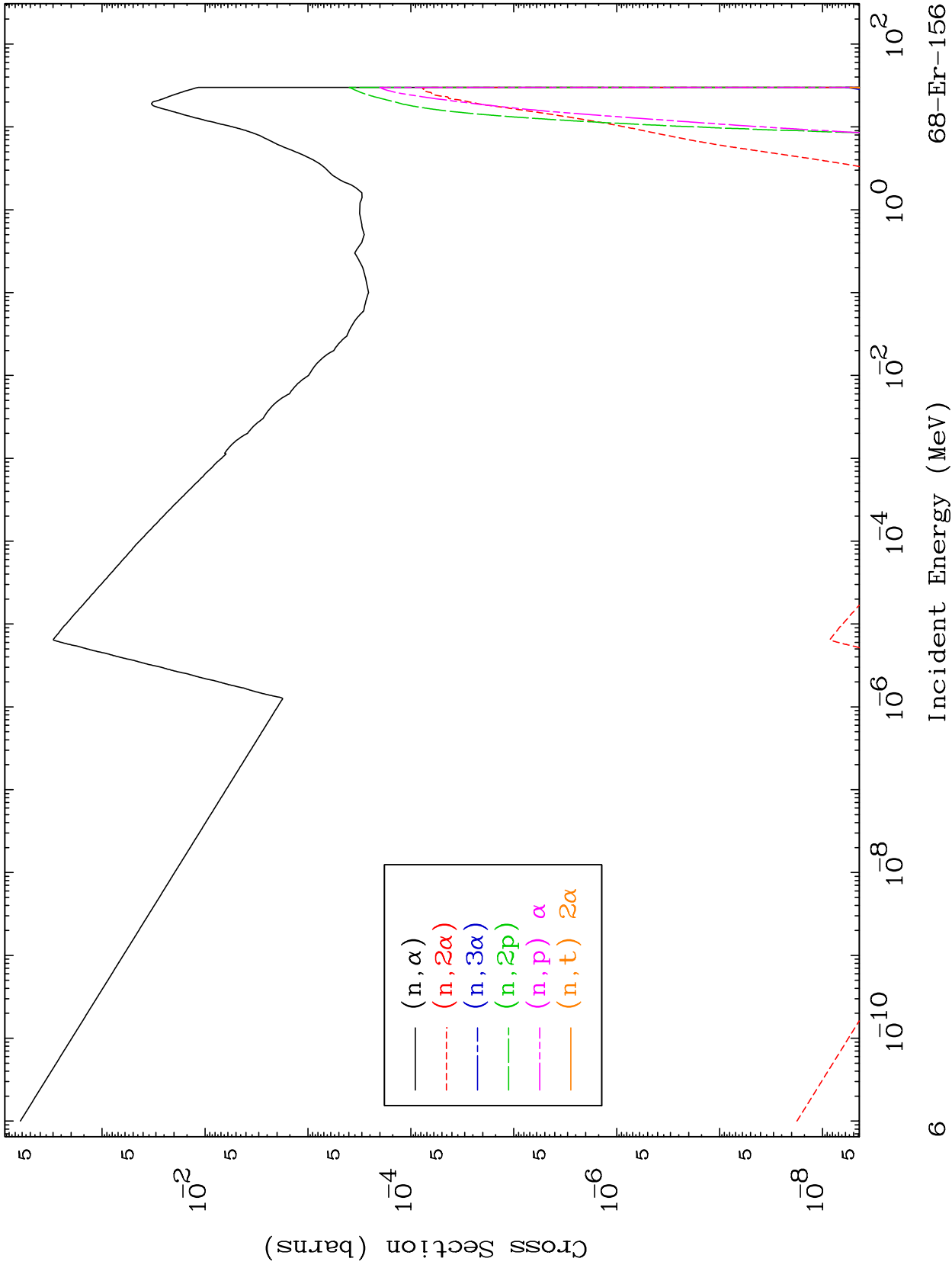
Incident Energy (MeV)

68-Er-156

MAT 6807

Charged Particle
293 Kelvin Cross Sections

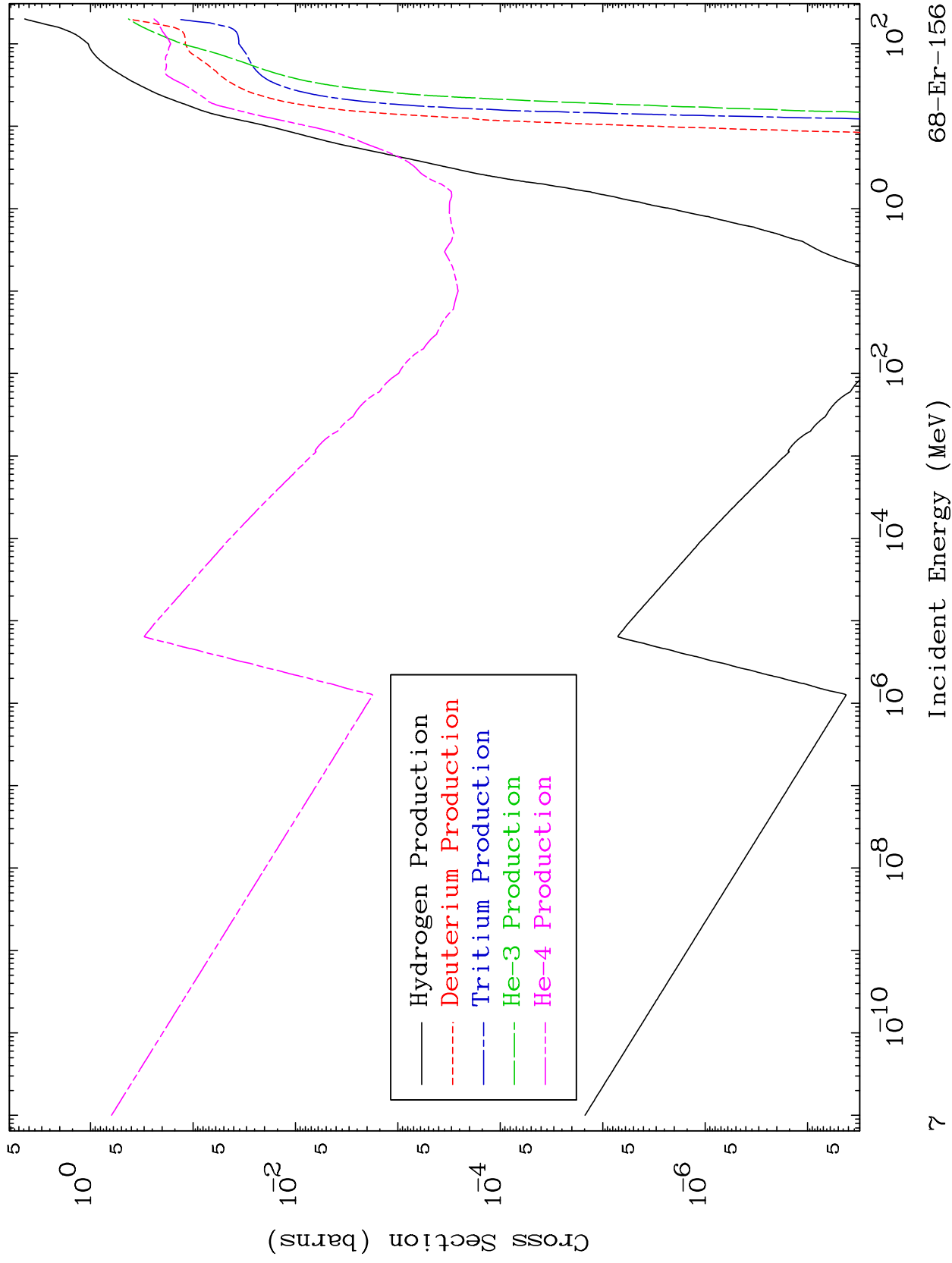
68-Er-156



MAT 6807

Particle Production
293 Kelvin Cross Sections

68-Er-156

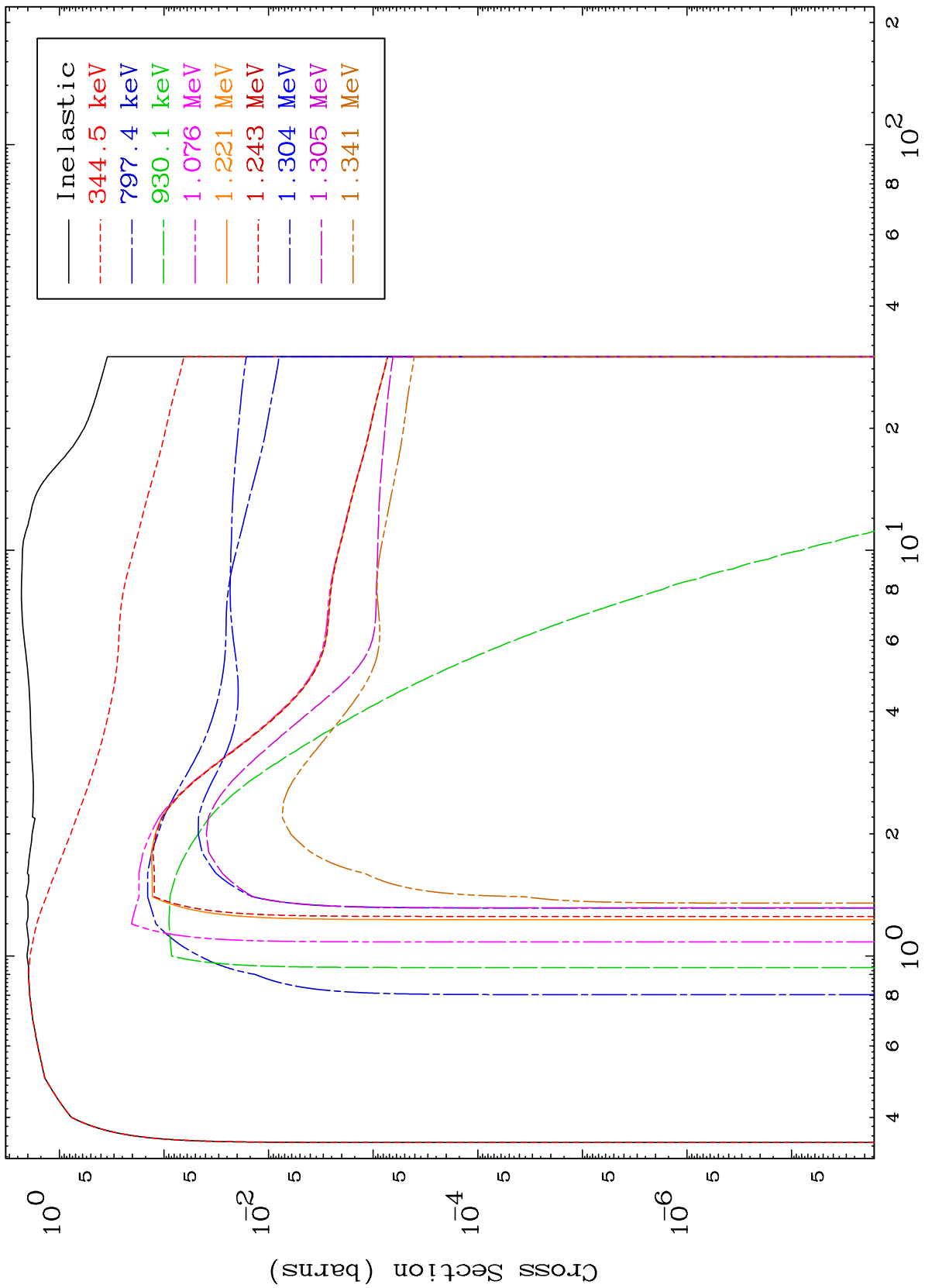


MAT 6807

(n,n') Level

68-Er-156

293 Kelvin Cross Sections



—	Inelastic
- - -	344.5 keV
- - -	797.4 keV
- - -	930.1 keV
- - -	1.076 MeV
- - -	1.221 MeV
- - -	1.243 MeV
- - -	1.304 MeV
- - -	1.305 MeV
- - -	1.341 MeV

8

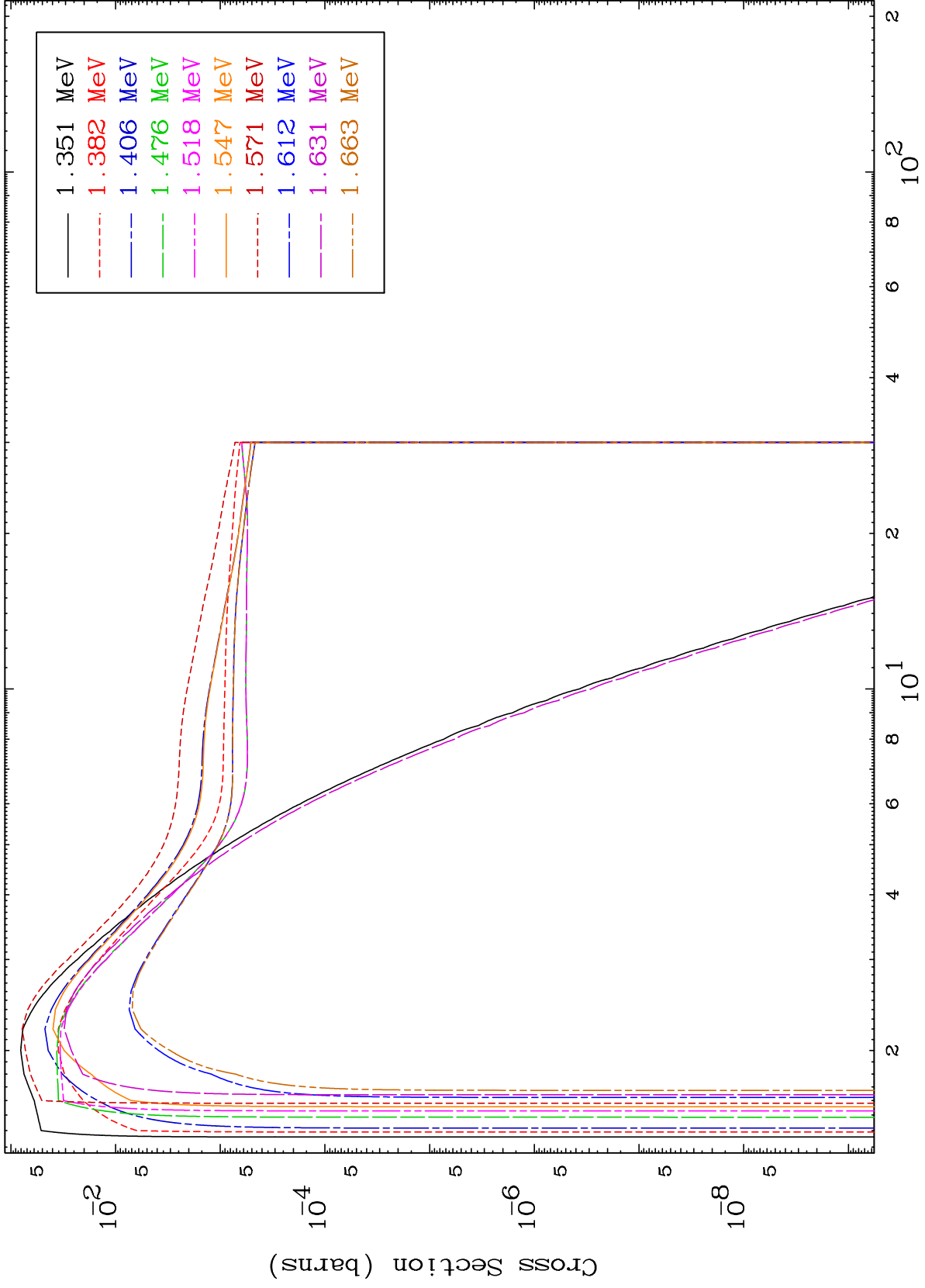
Incident Energy (MeV)

68-Er-156

MAT 6807

(n,n') Level
293 Kelvin Cross Sections

68-Er-156



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Incident Energy (MeV)

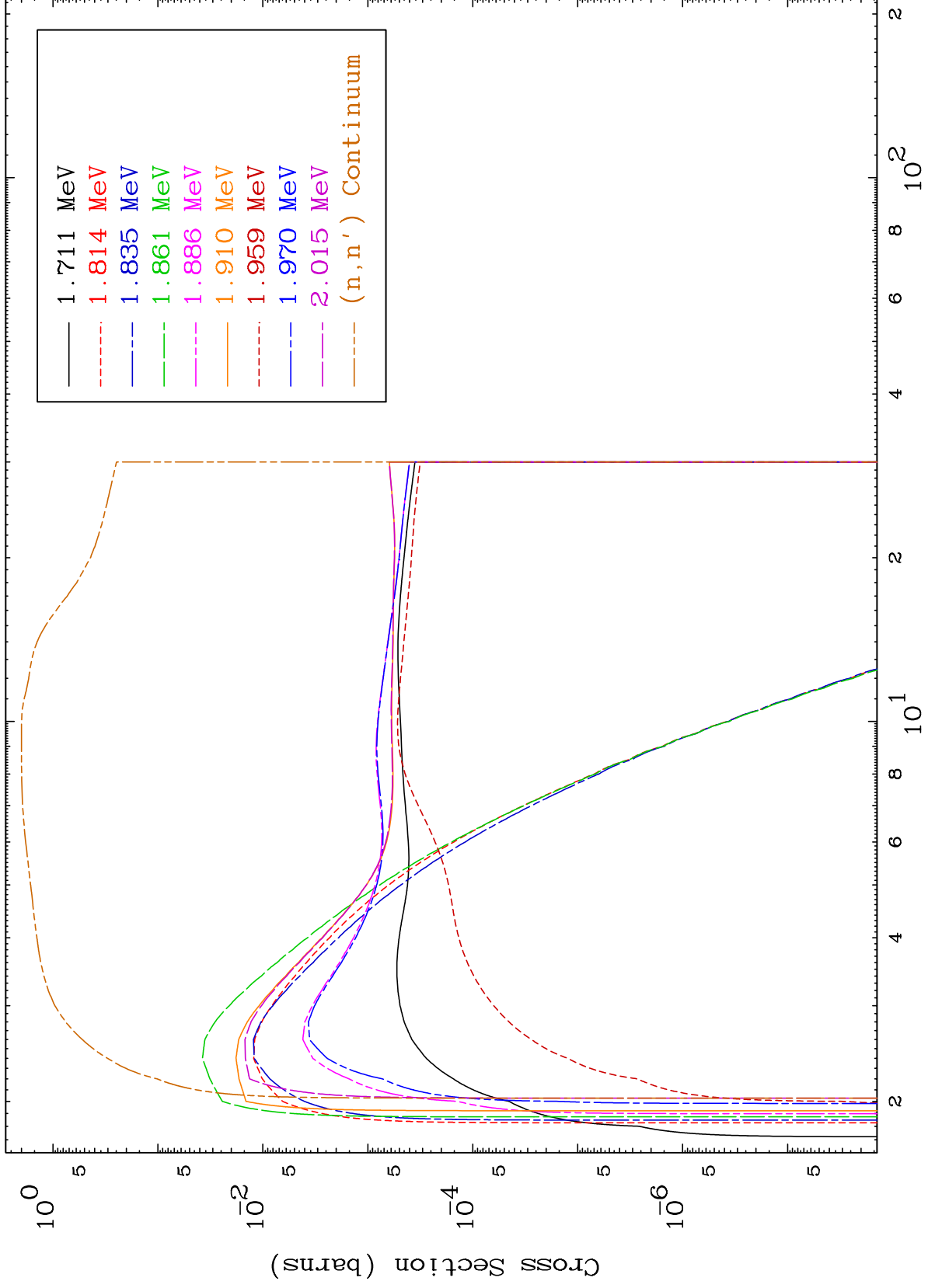
68-Er-156

MAT 6807

(n,n') Level

68-Er-156

293 Kelvin Cross Sections



10

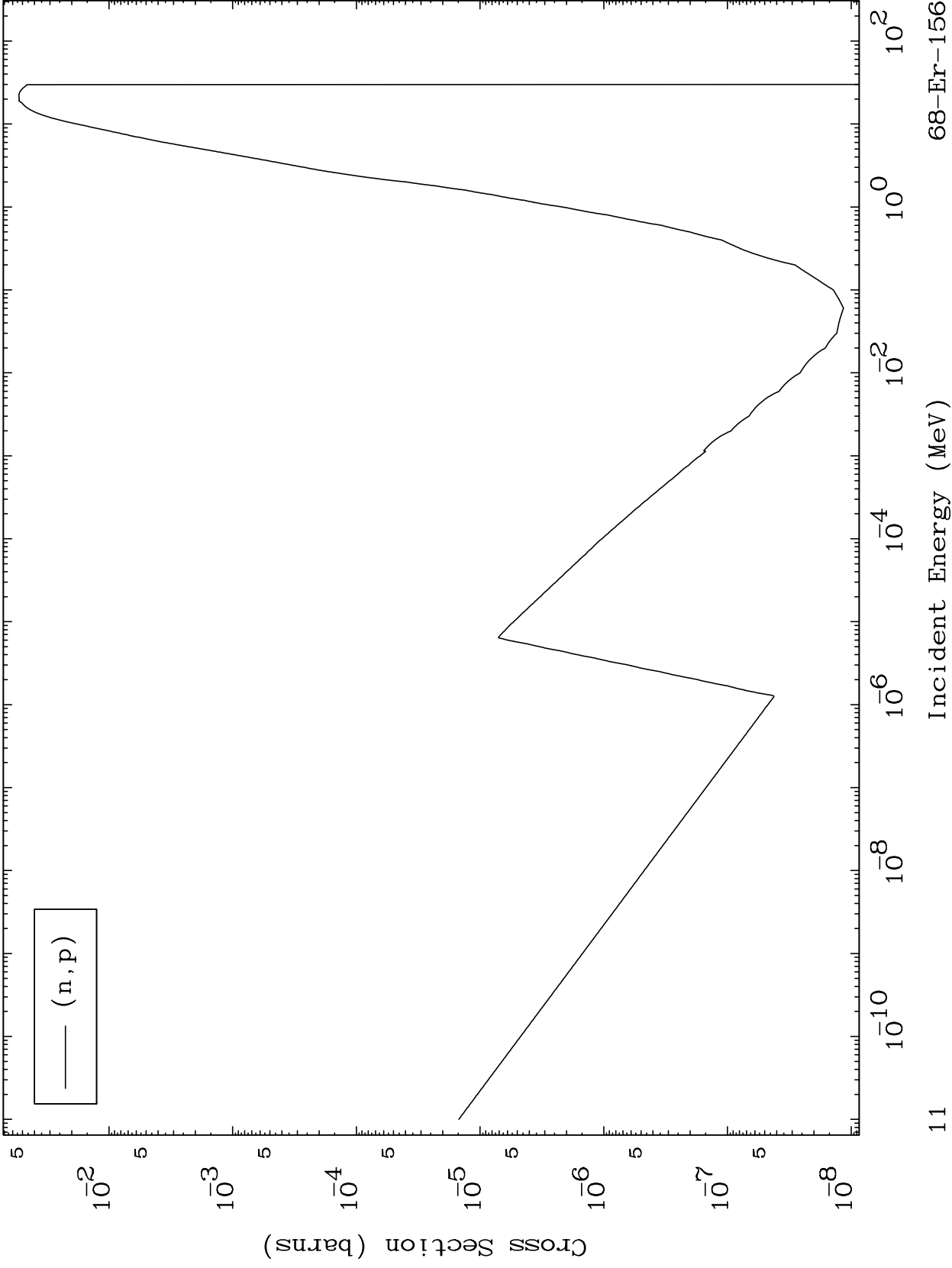
Incident Energy (MeV)

68-Er-156

MAT 6807

(n,p) Levels
293 Kelvin Cross Sections

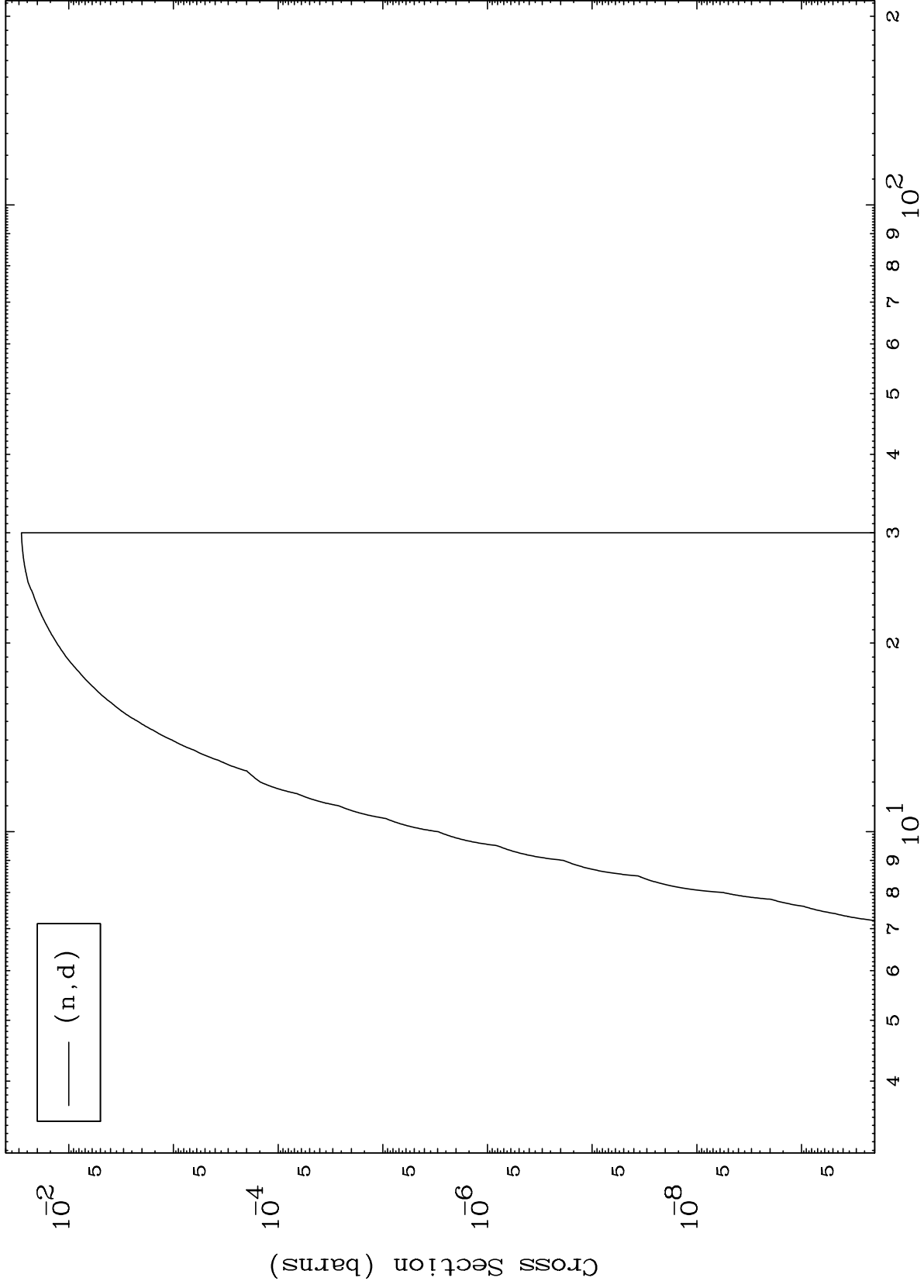
68-Er-156



MAT 6807

(n,d) Levels
293 Kelvin Cross Sections

68-Er-156



12

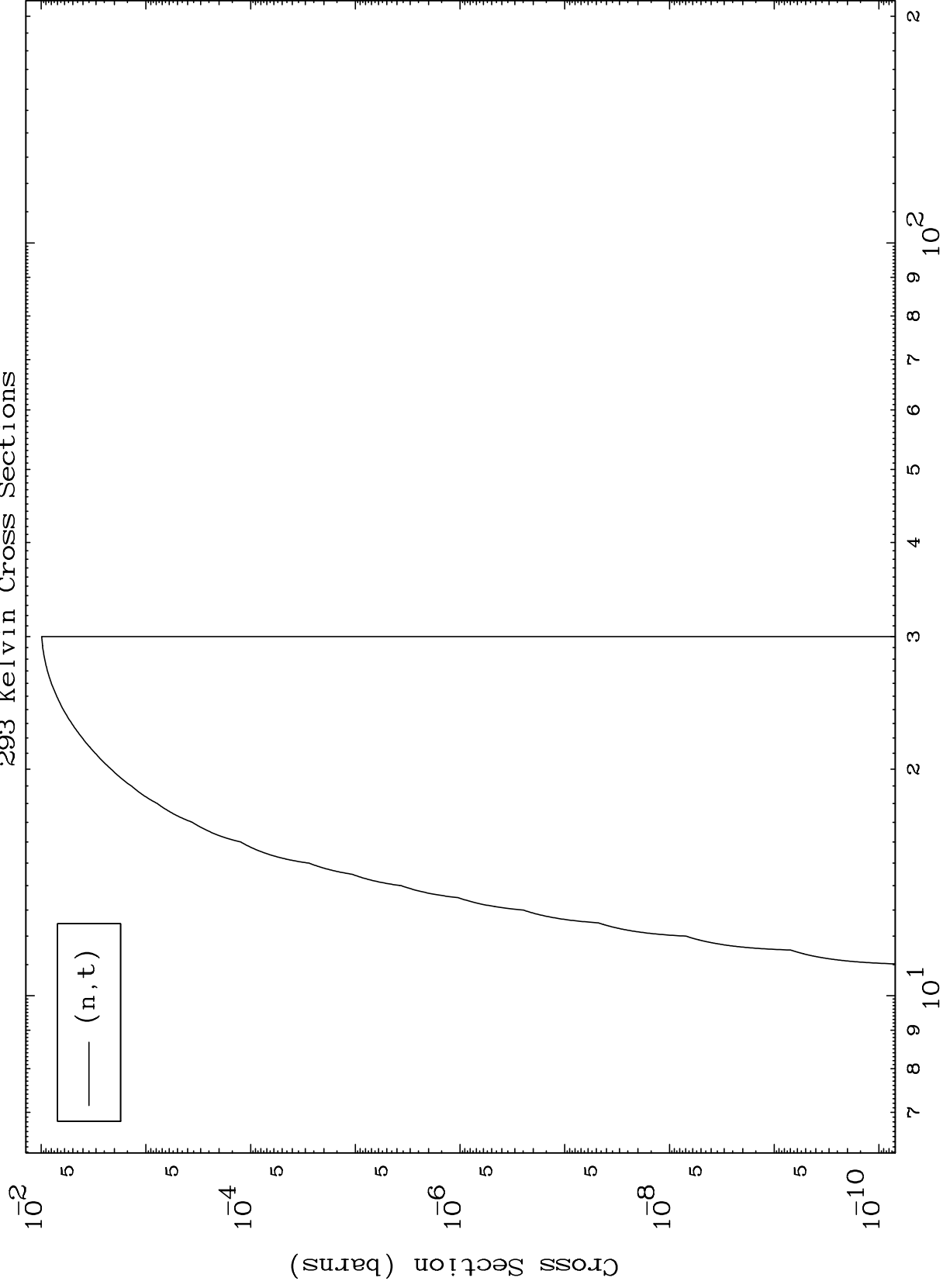
Incident Energy (MeV)

68-Er-156

MAT 6807

(n, t) Levels
293 Kelvin Cross Sections

68-Er-156



13

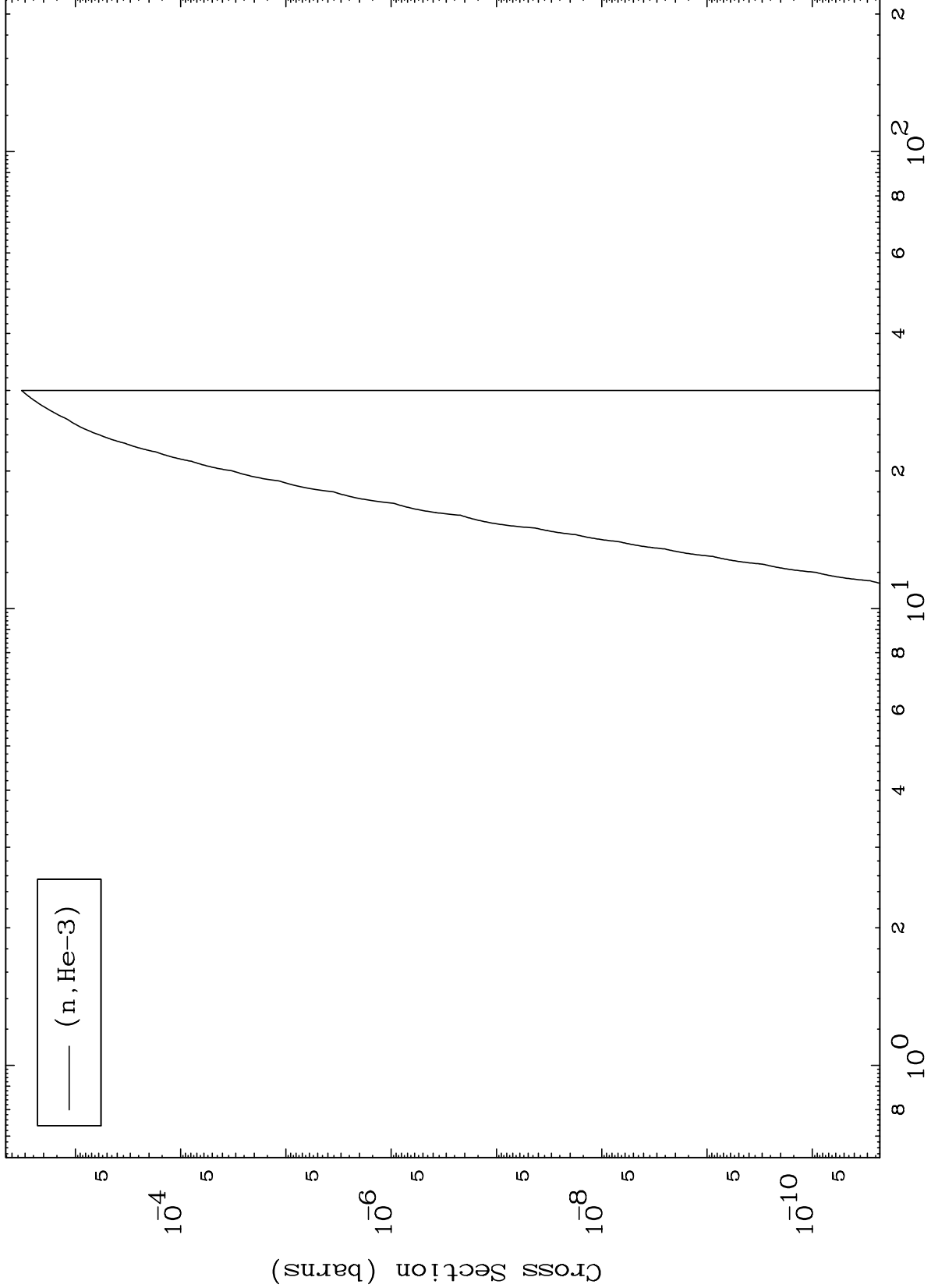
Incident Energy (MeV)

68-Er-156

MAT 6807

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-156



14

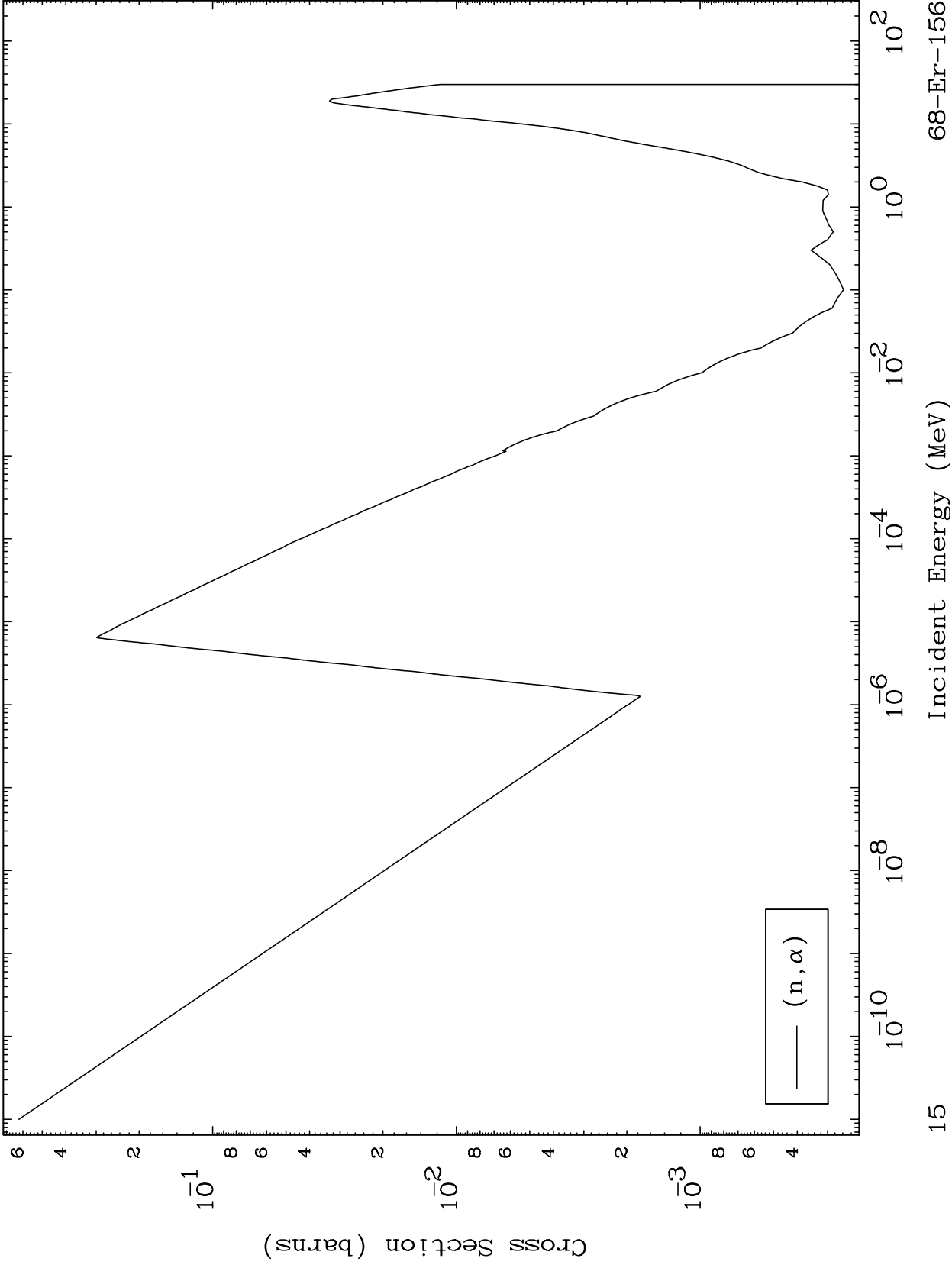
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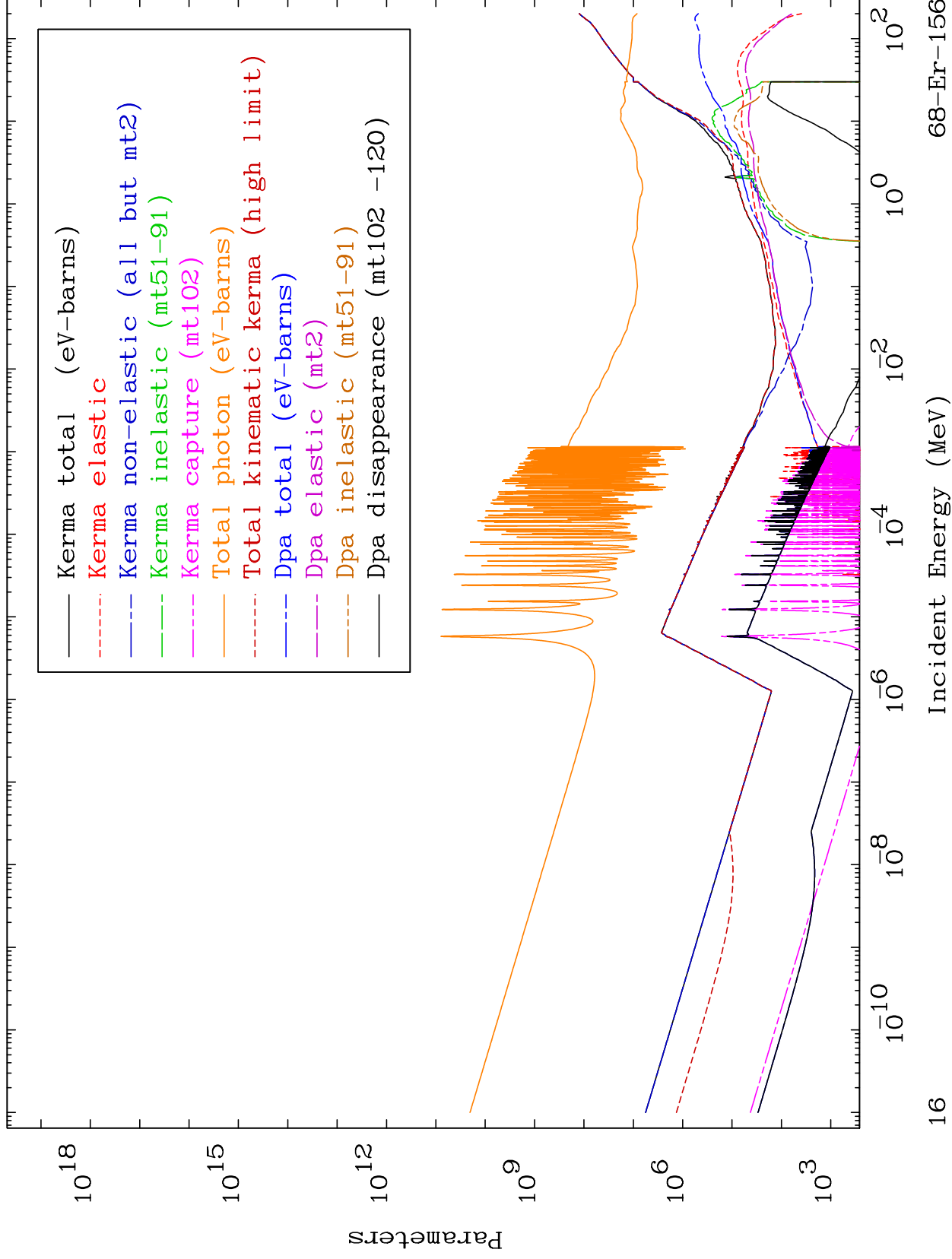
68-Er-156

MAT 6807

(n, α) Levels
293 Kelvin Cross Sections

68-Er-156

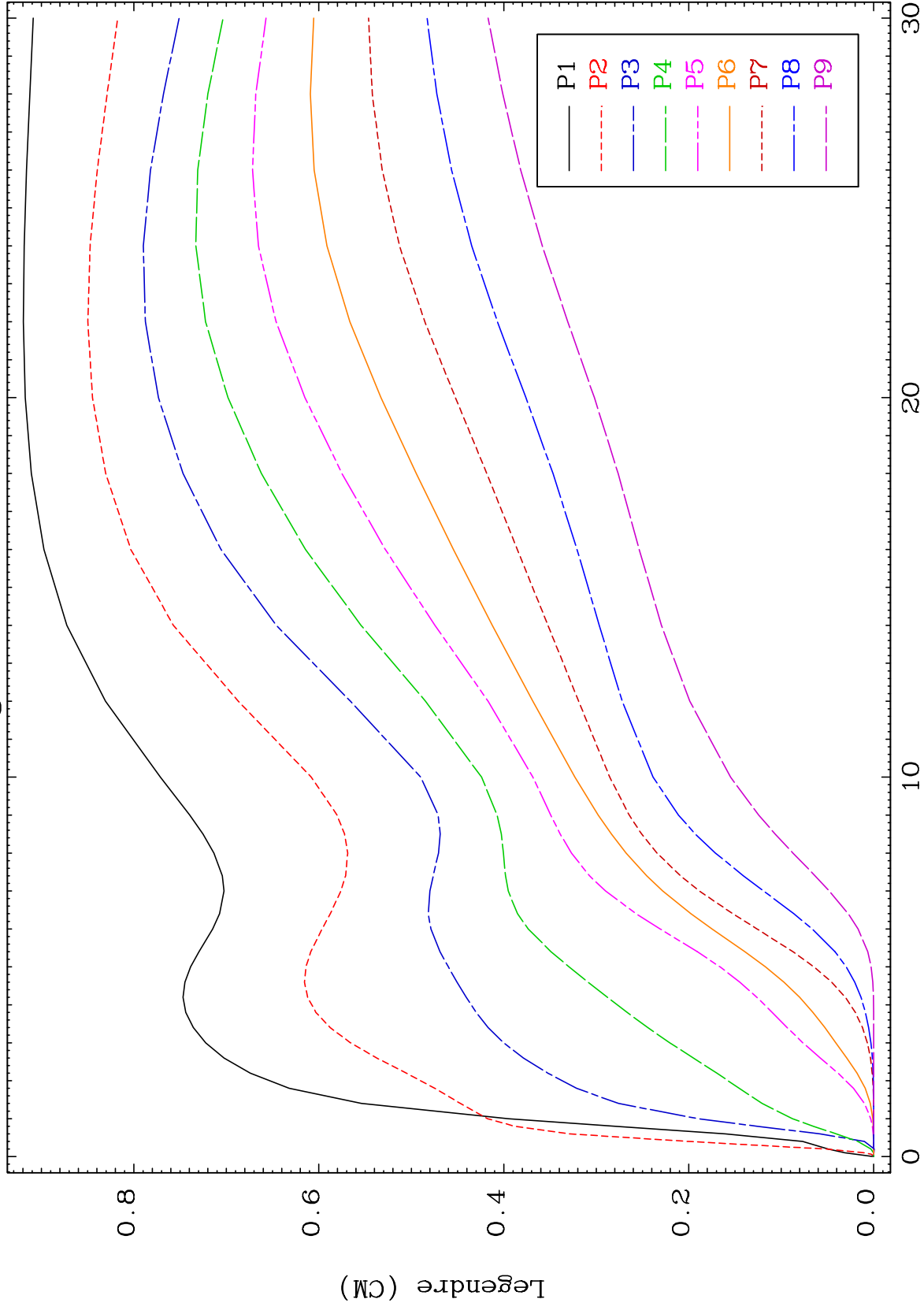




MAT 6807

Elastic Legendre Coefficients

68-Er-156



17

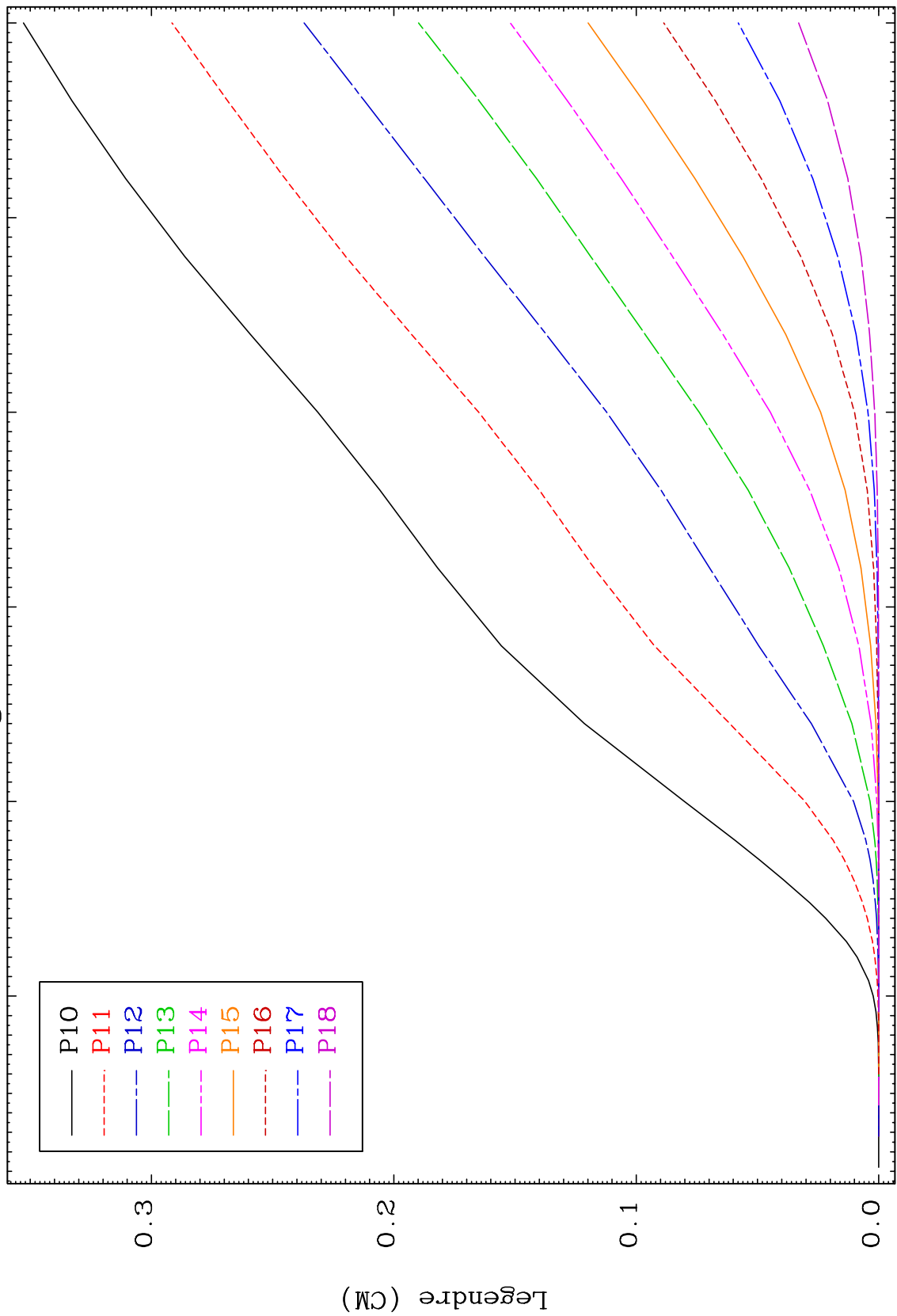
Incident Energy (MeV)

68-Er-156

MAT 6807

Elastic Legendre Coefficients

68-Er-156



18

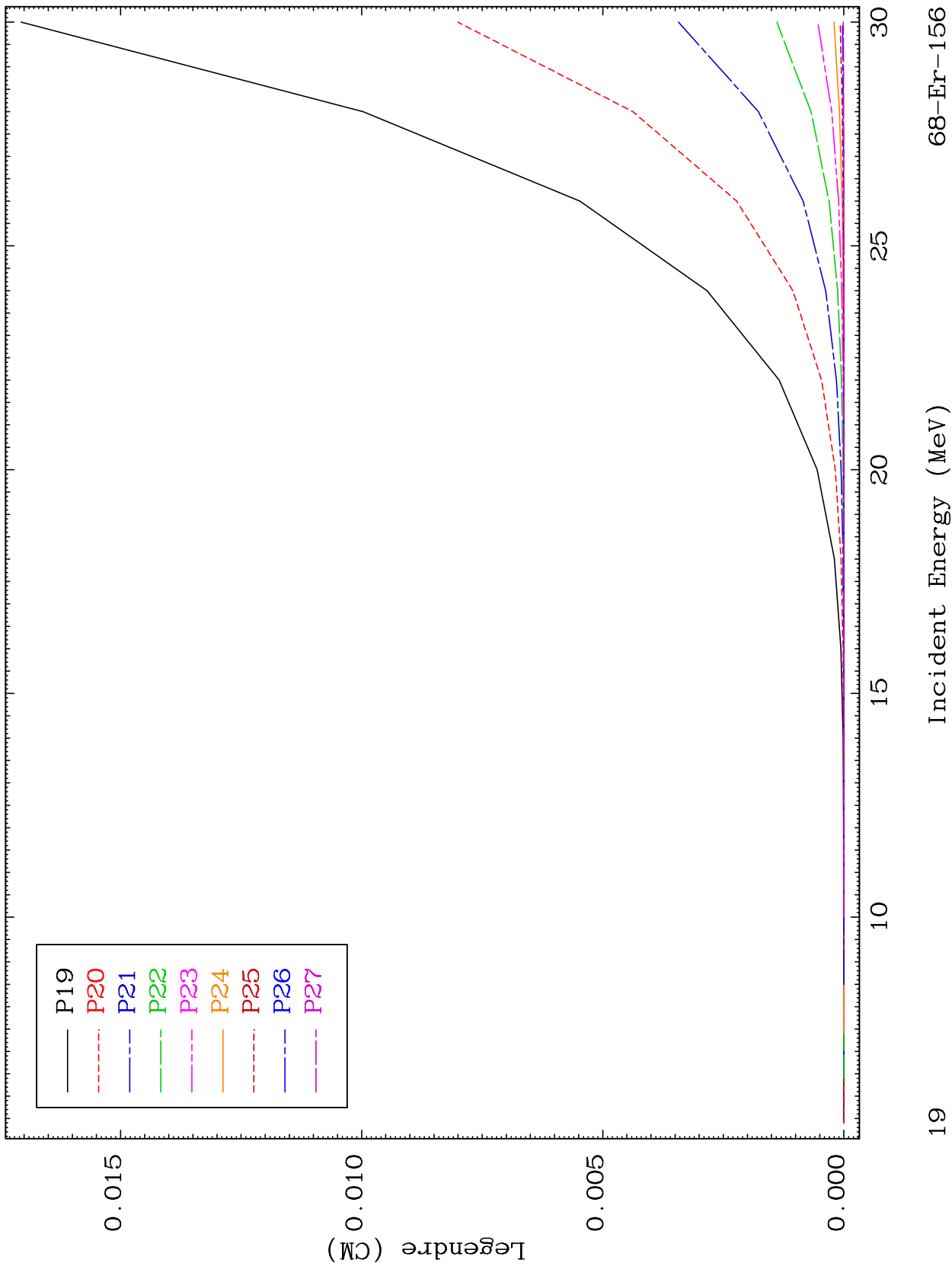
Incident Energy (MeV)

68-Er-156

MAT 6807

Elastic Legendre Coefficients

68-Er-156



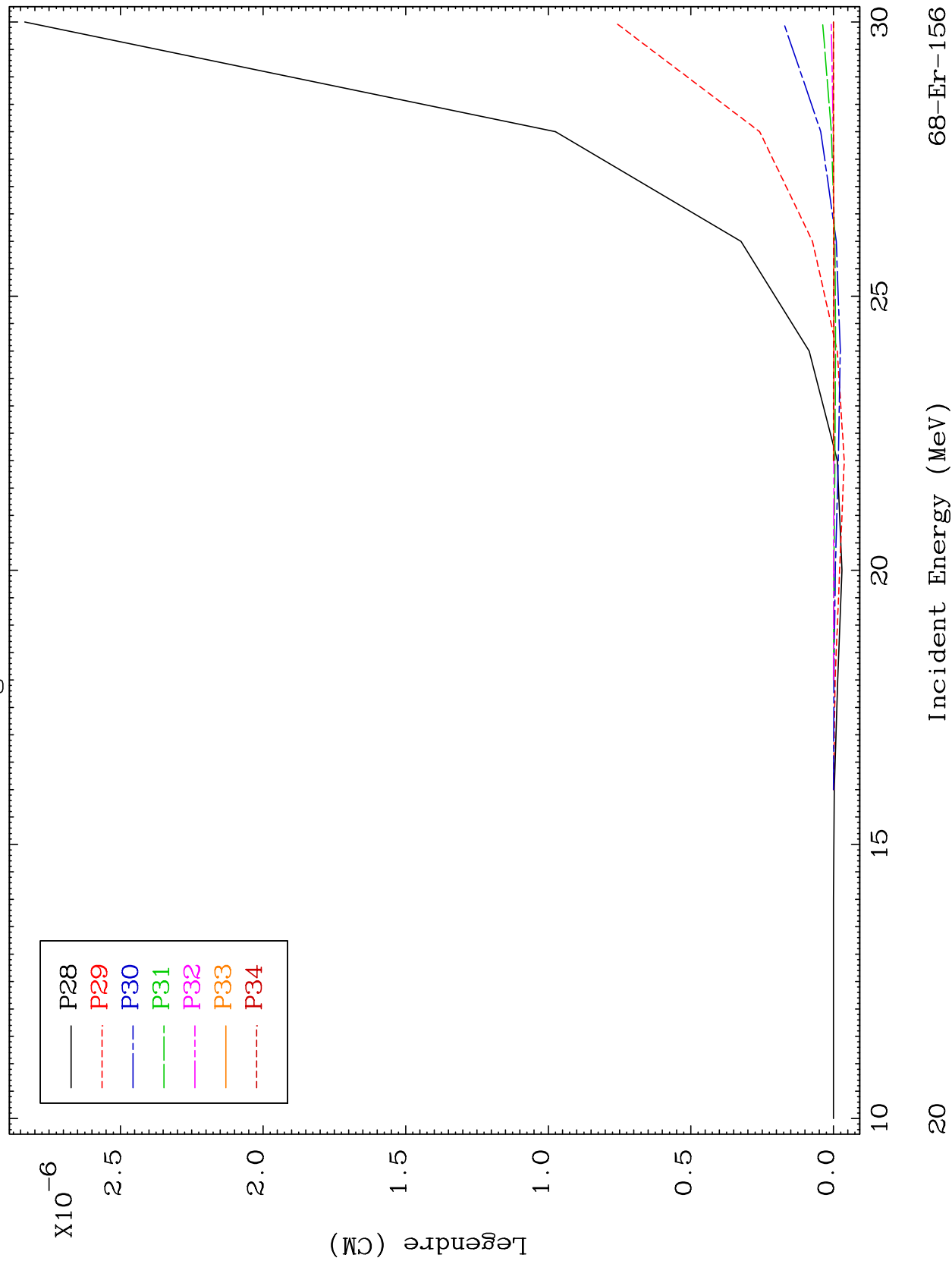
19

68-Er-156

MAT 6807

Elastic Legendre Coefficients

68-Er-156



68-Er-156

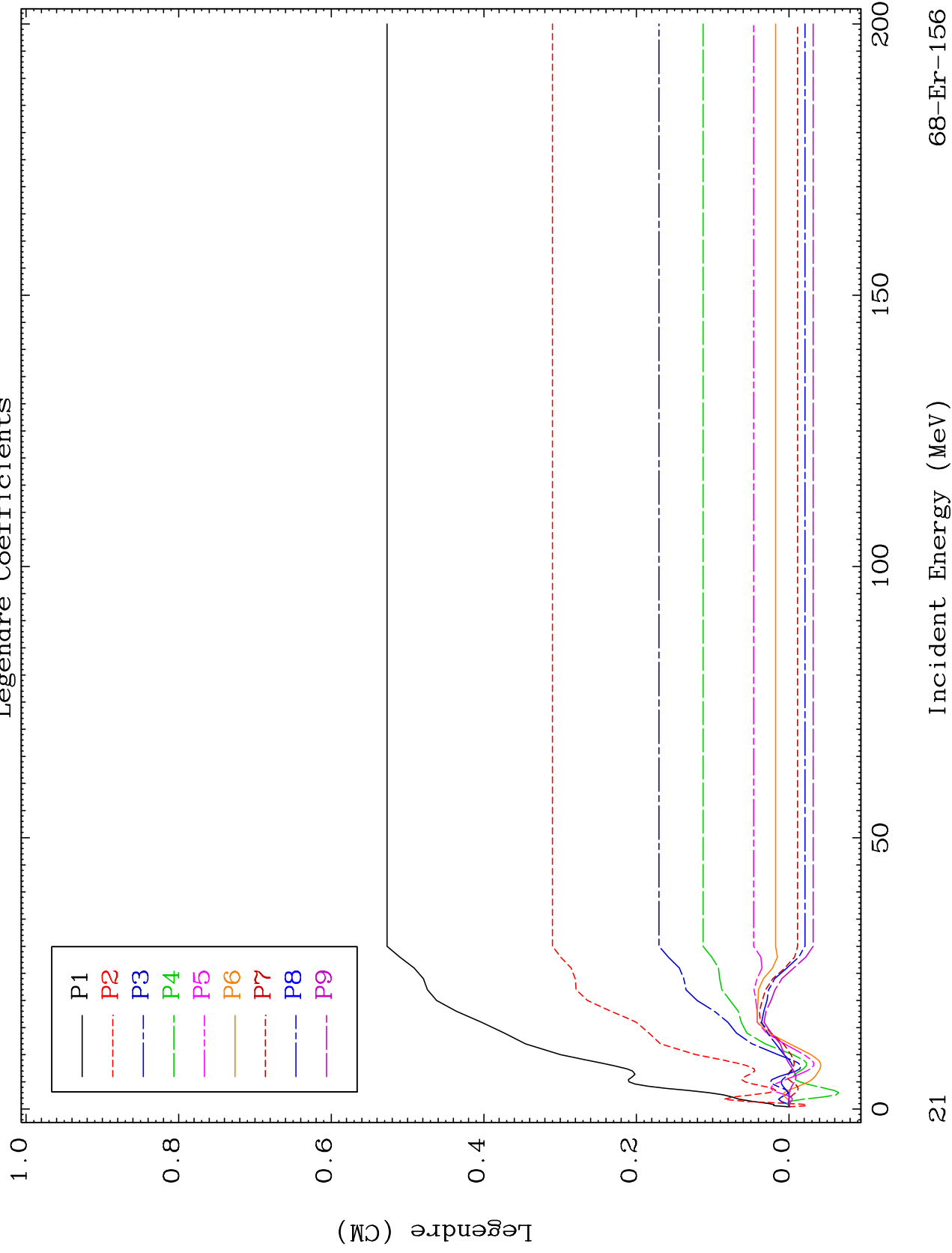
Incident Energy (MeV)

20

MAT 6807

344.5 keV (n,n') Level
Legendre Coefficients

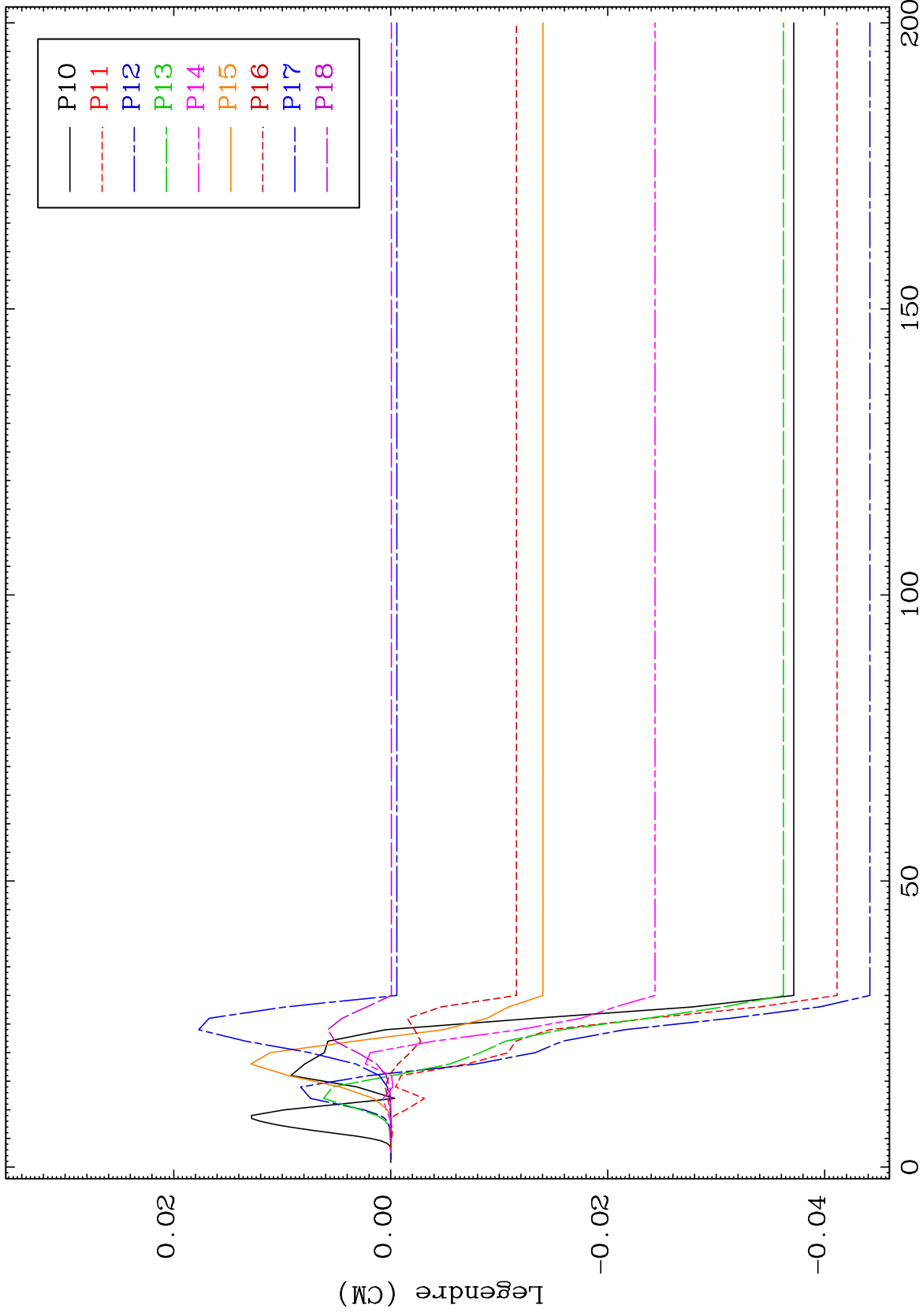
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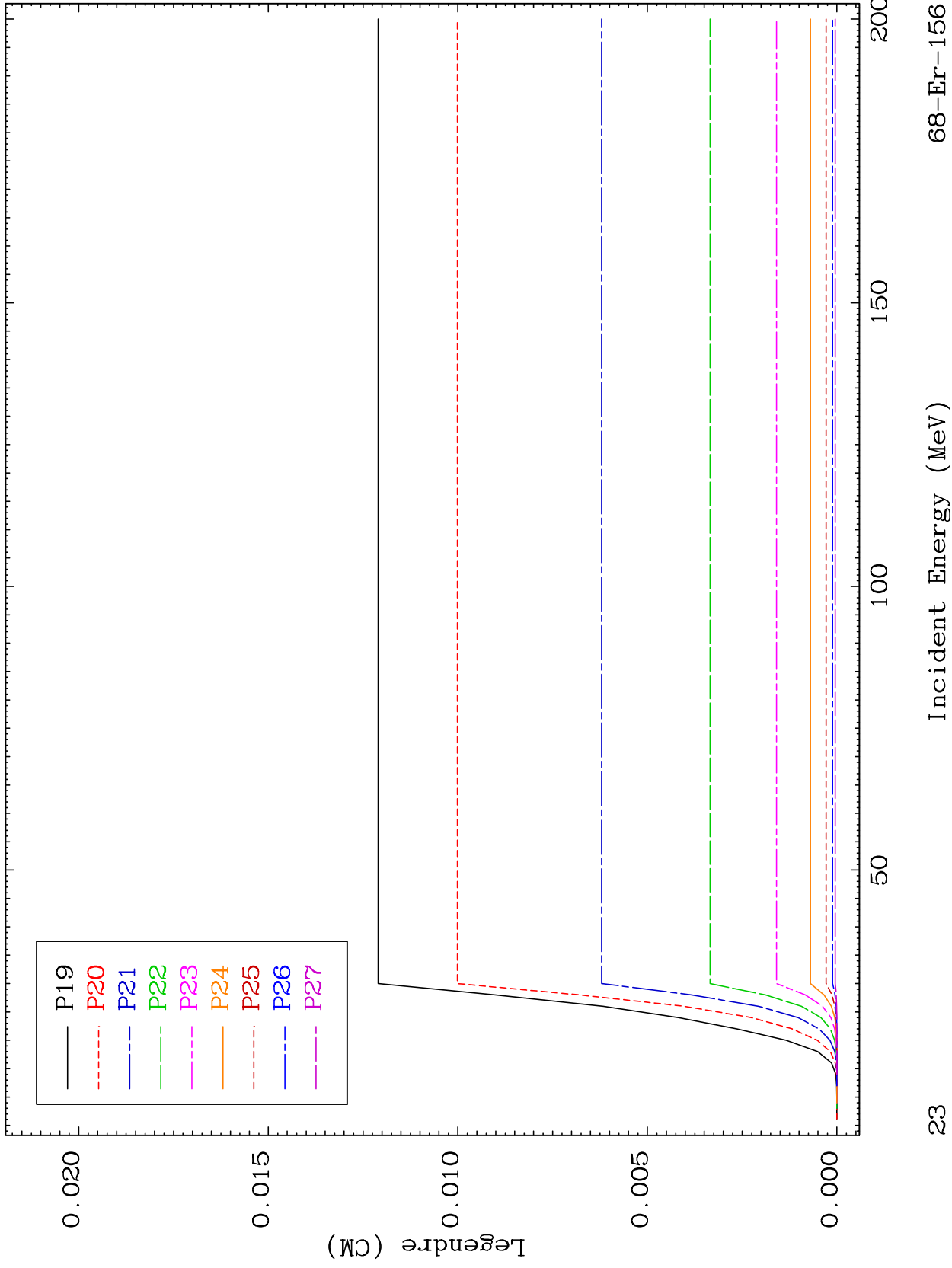


68-Er-156

Incident Energy (MeV)

21

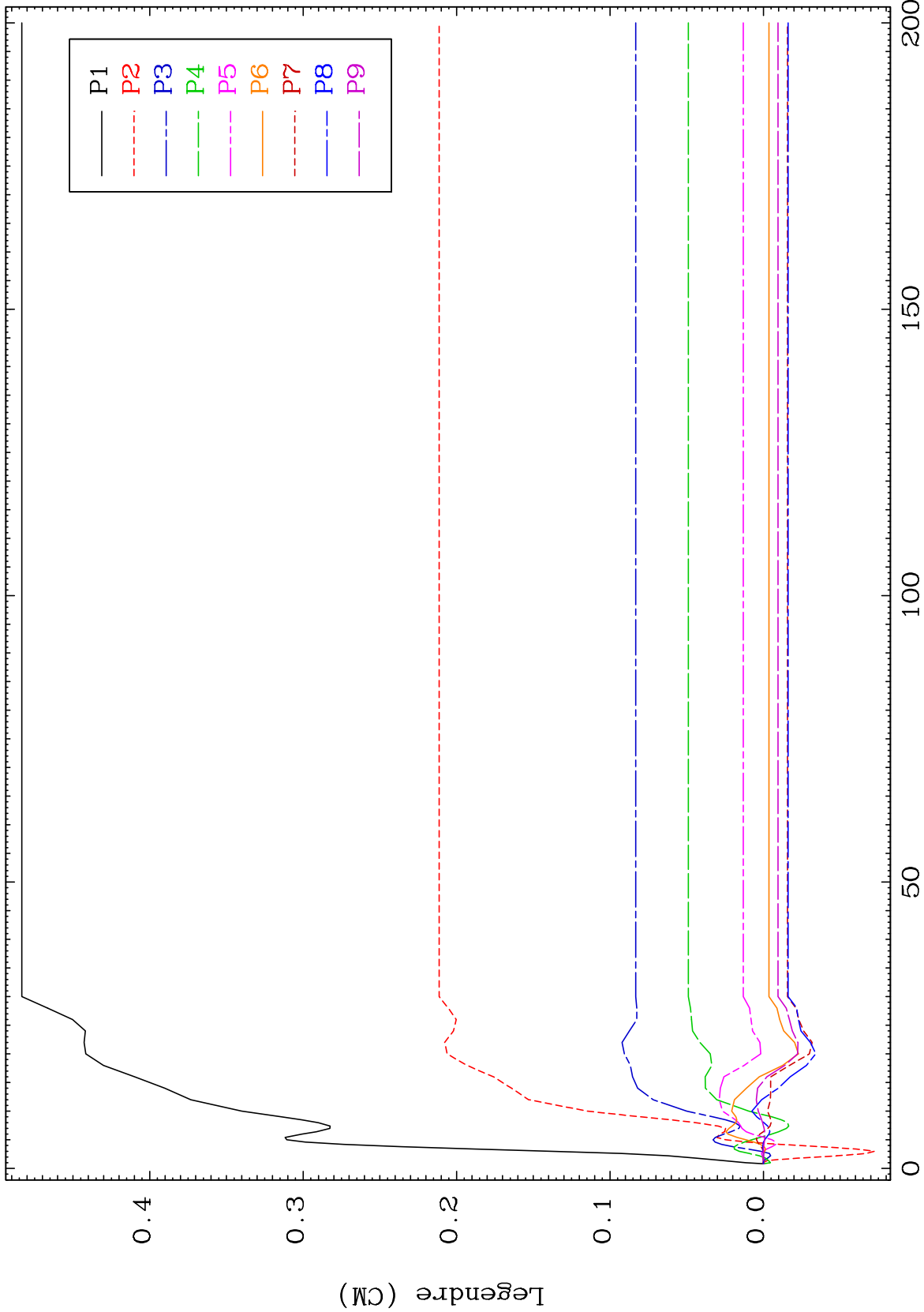




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797.4 keV (n,n') Level
Legendre Coefficients

68-Er-156



25

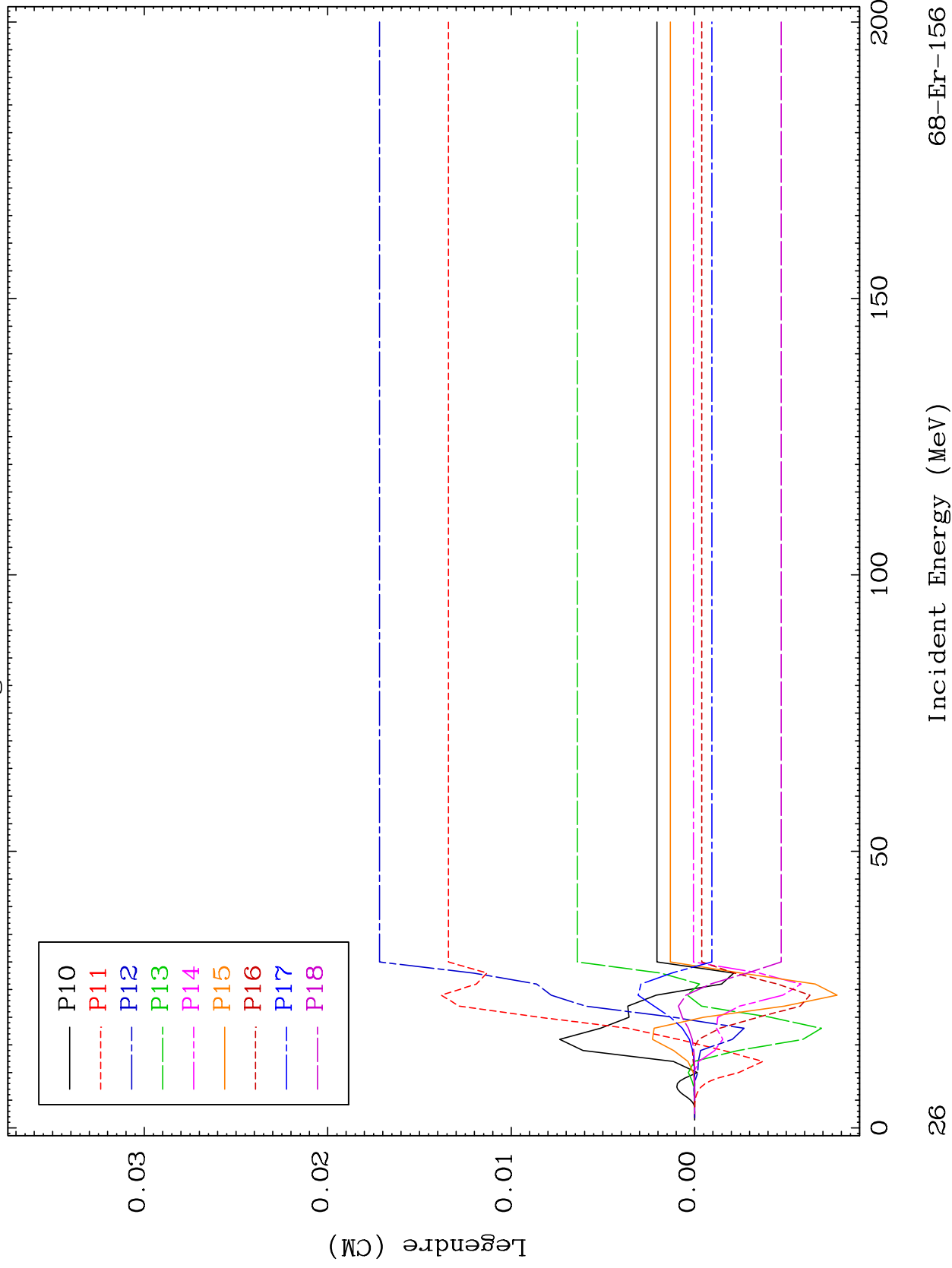
Incident Energy (MeV)

68-Er-156

MAT 6807

797.4 keV (n,n') Level
Legendre Coefficients

68-Er-156



26

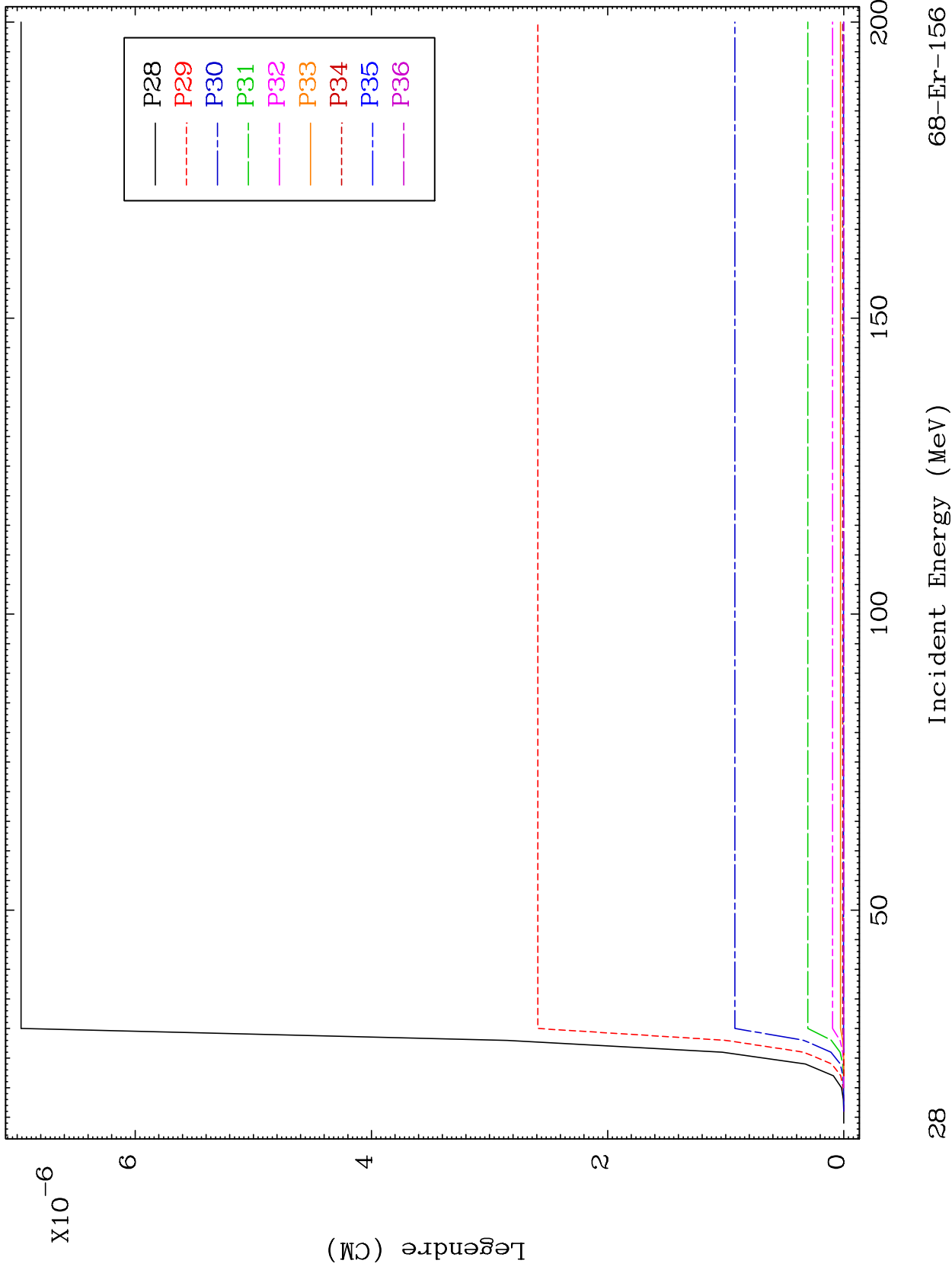
Incident Energy (MeV)

68-Er-156

MAT 6807

797.4 keV (n,n') Level
Legendre Coefficients

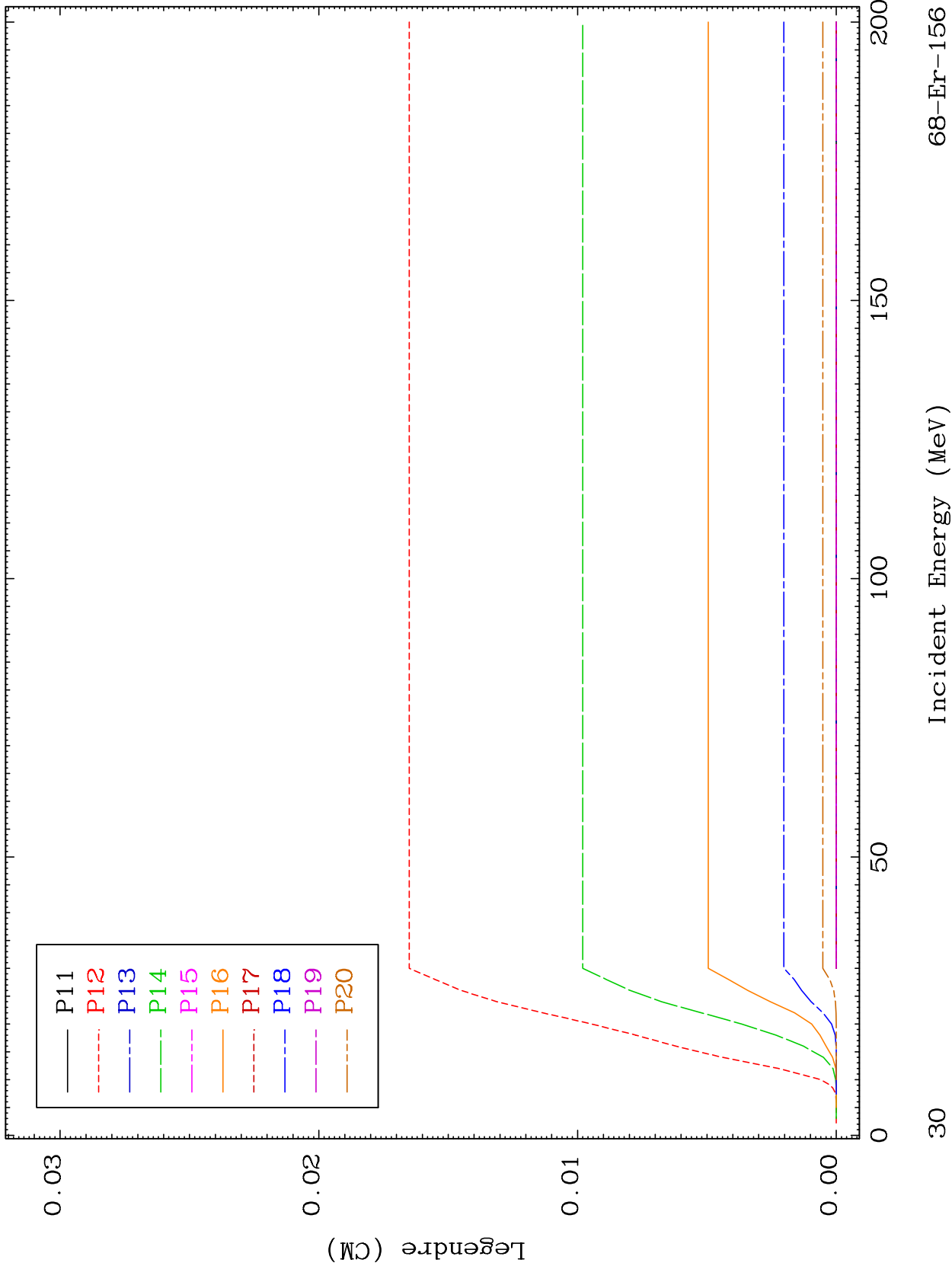
68-Er-156



MAT 6807

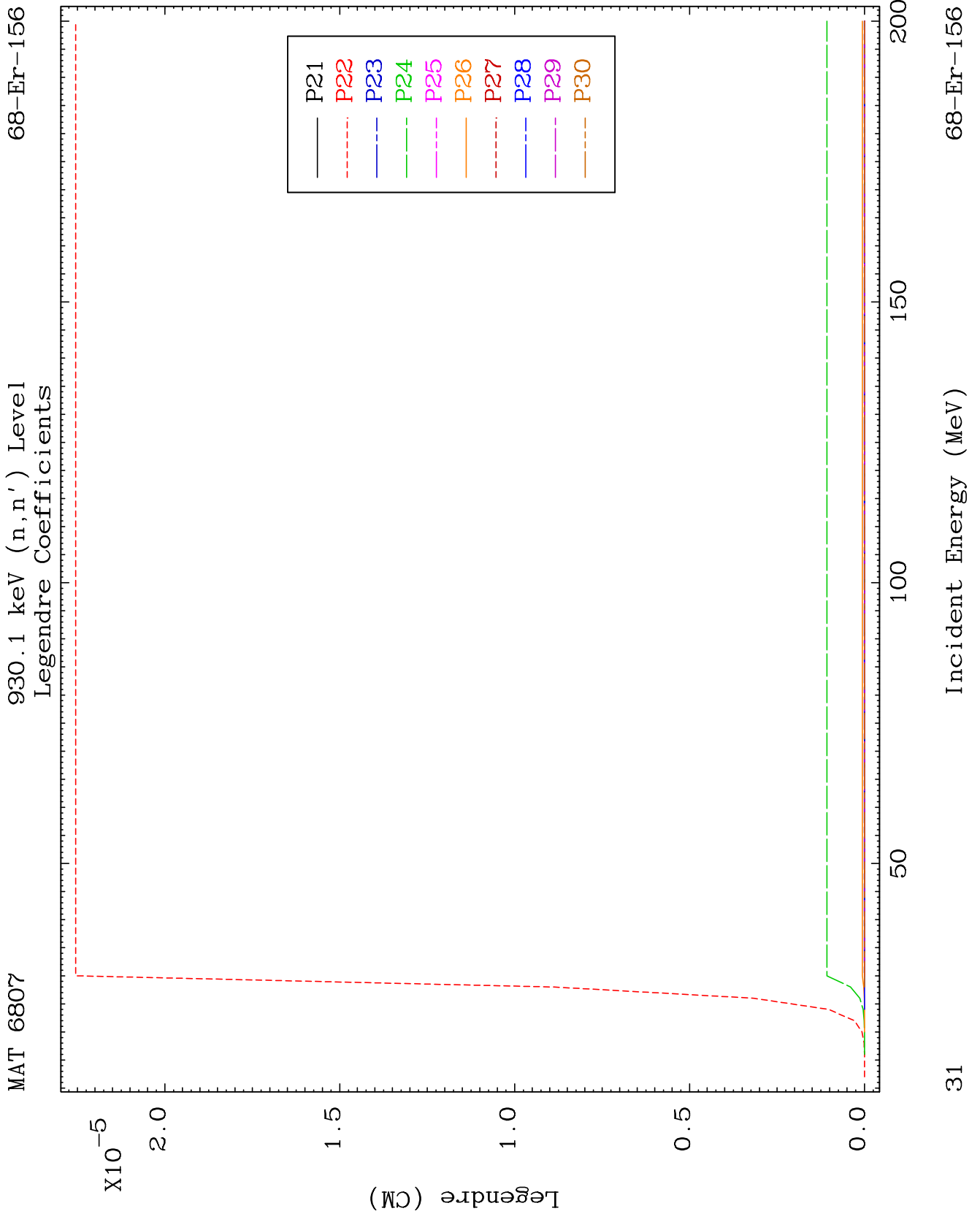
930.1 keV (n,n') Level
Legendre Coefficients

68-Er-156



68-Er-156

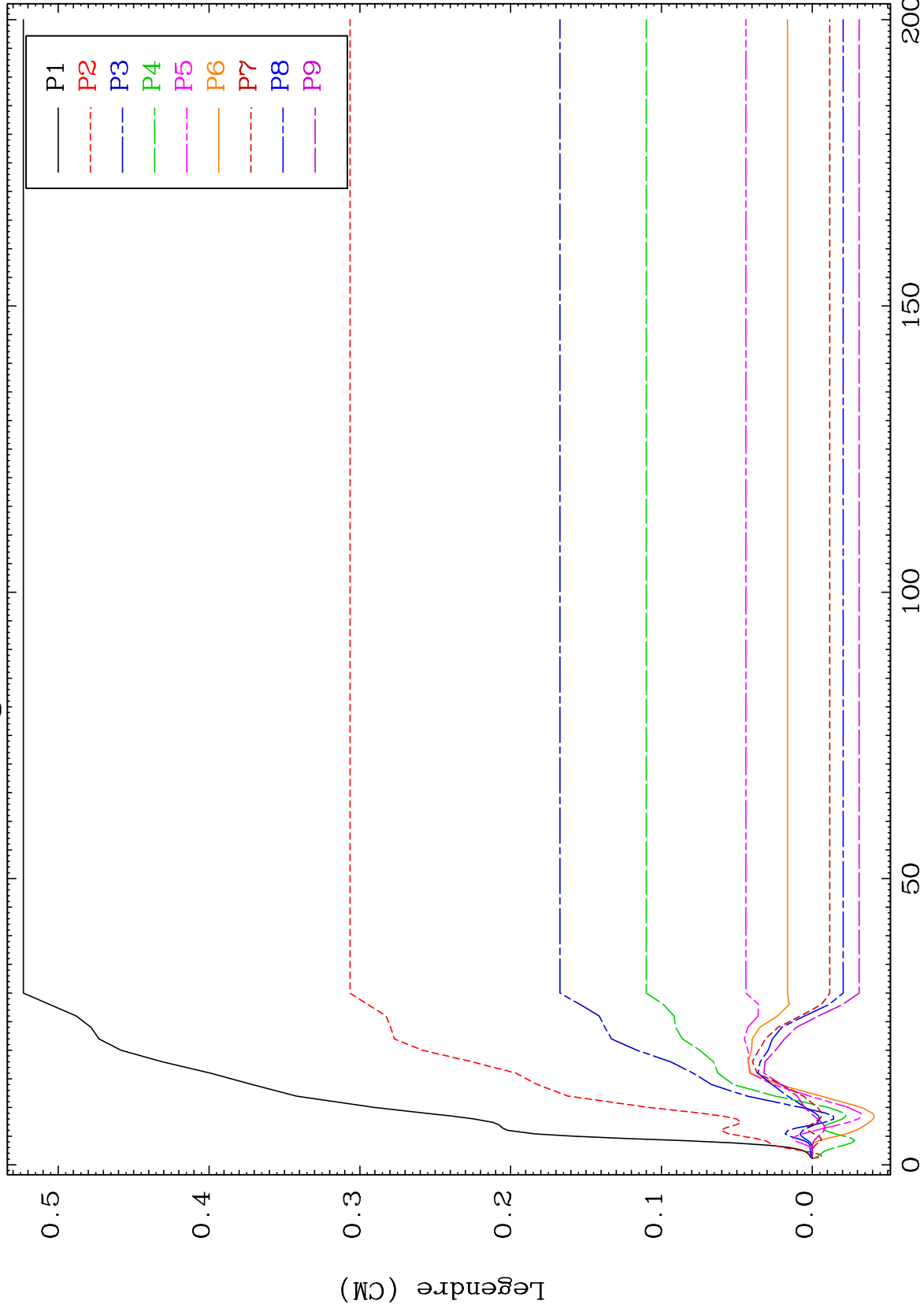
Incident Energy (MeV)



MAT 6807

1.076 MeV (n,n') Level
Legendre Coefficients

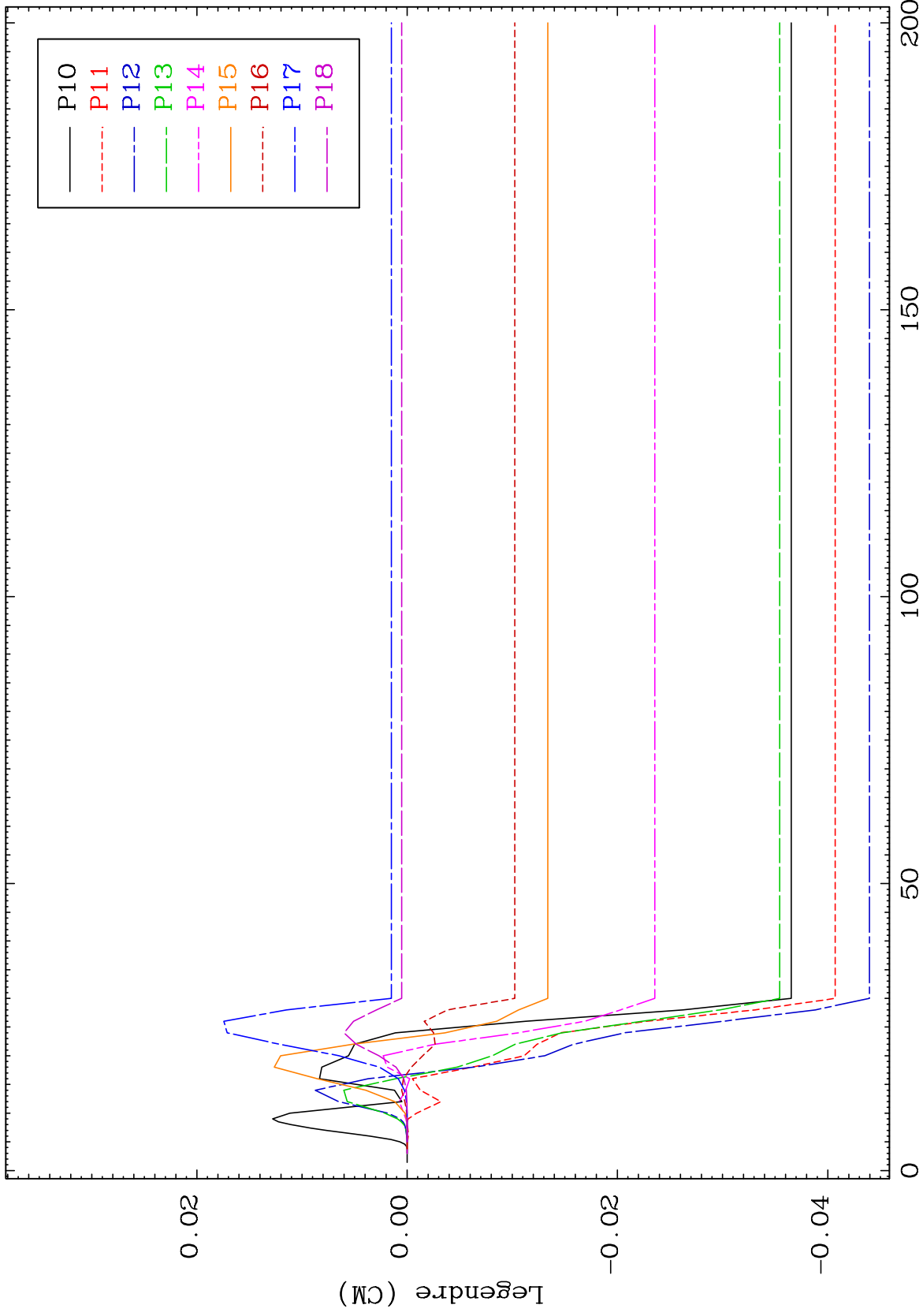
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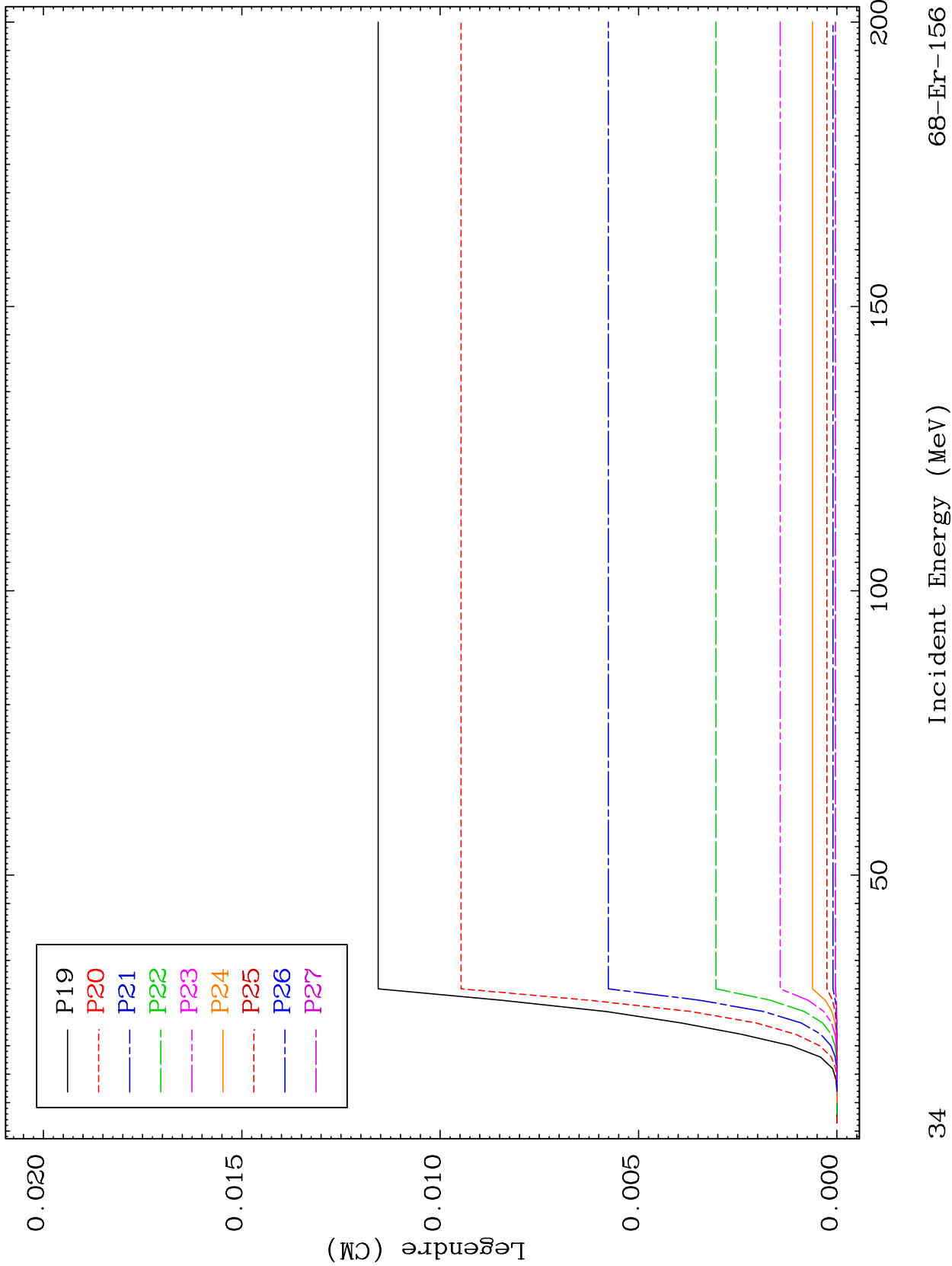


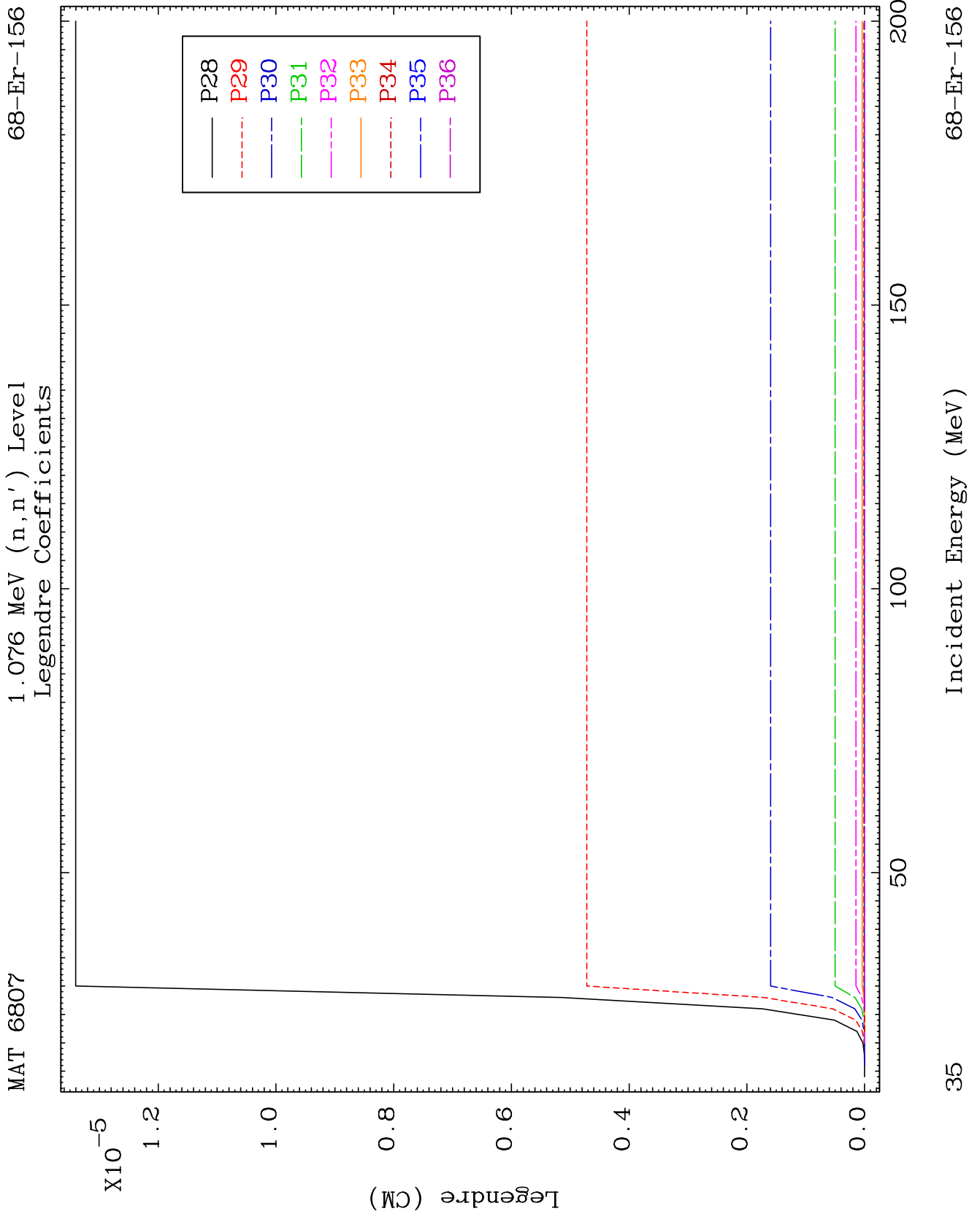
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Incident Energy (MeV)

68-Er-156



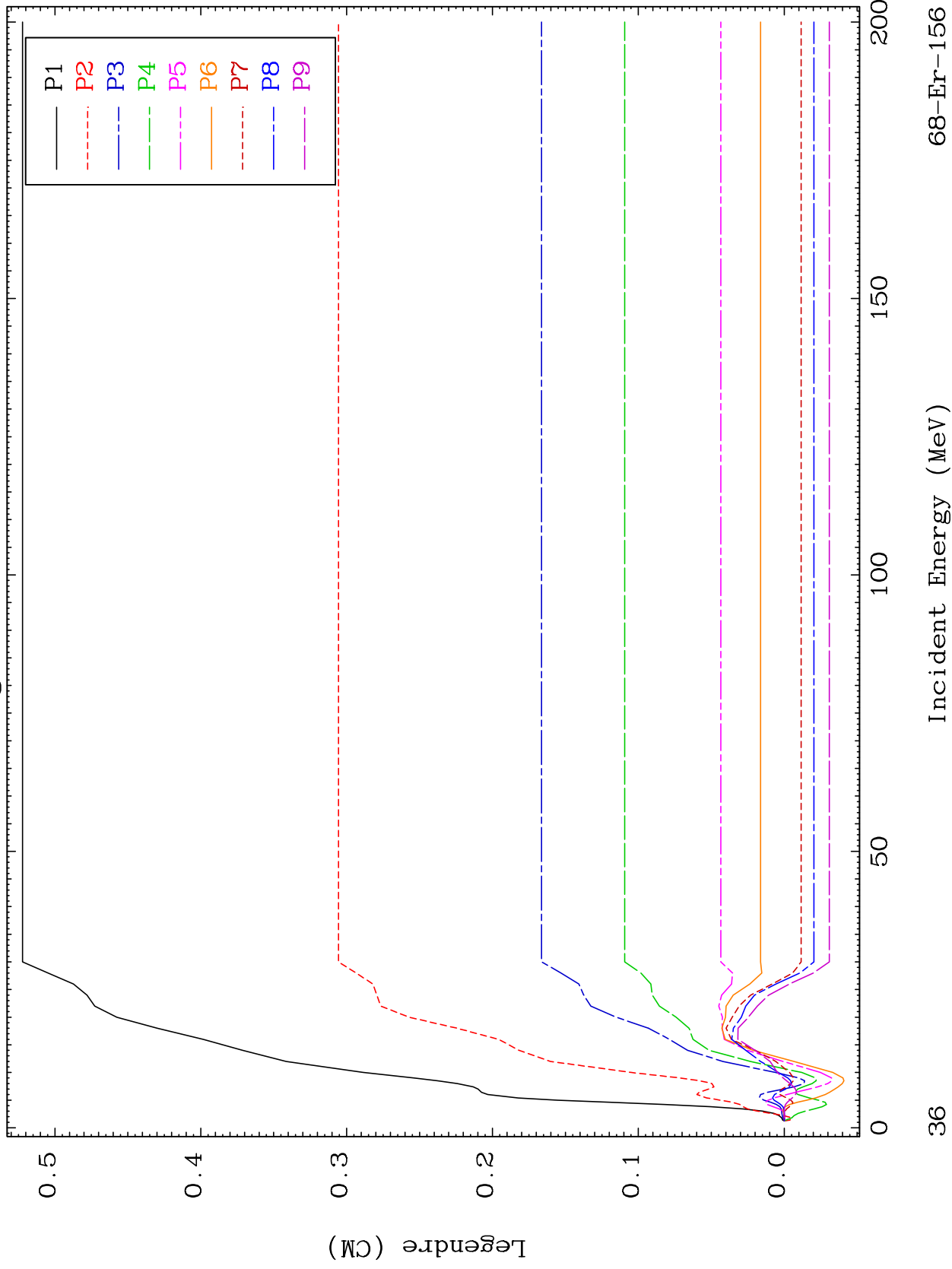




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1.221 MeV (n,n') Level
Legendre Coefficients

68-Er-156



36

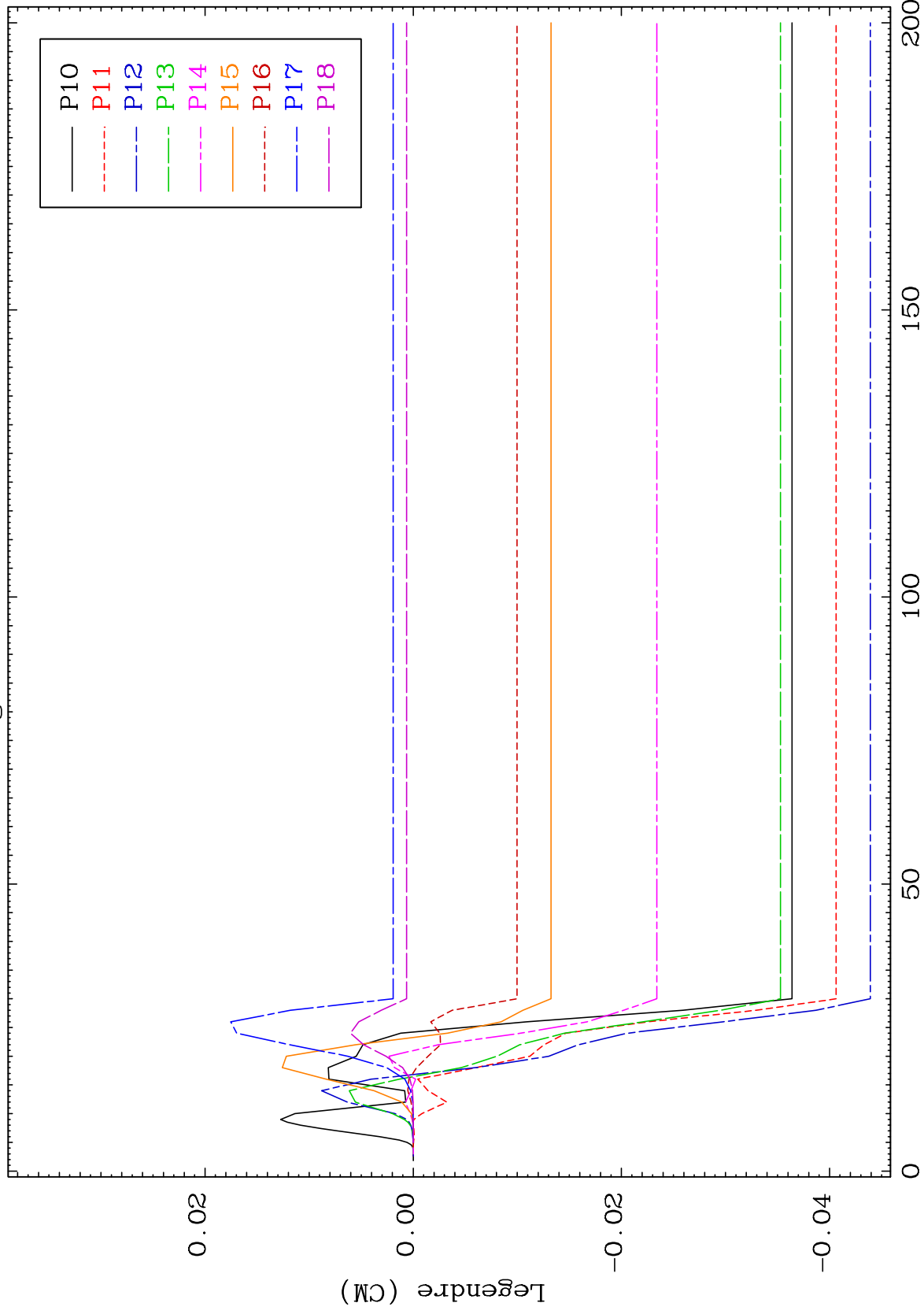
Incident Energy (MeV)

68-Er-156

MAT 6807

1.221 MeV (n,n') Level
Legendre Coefficients

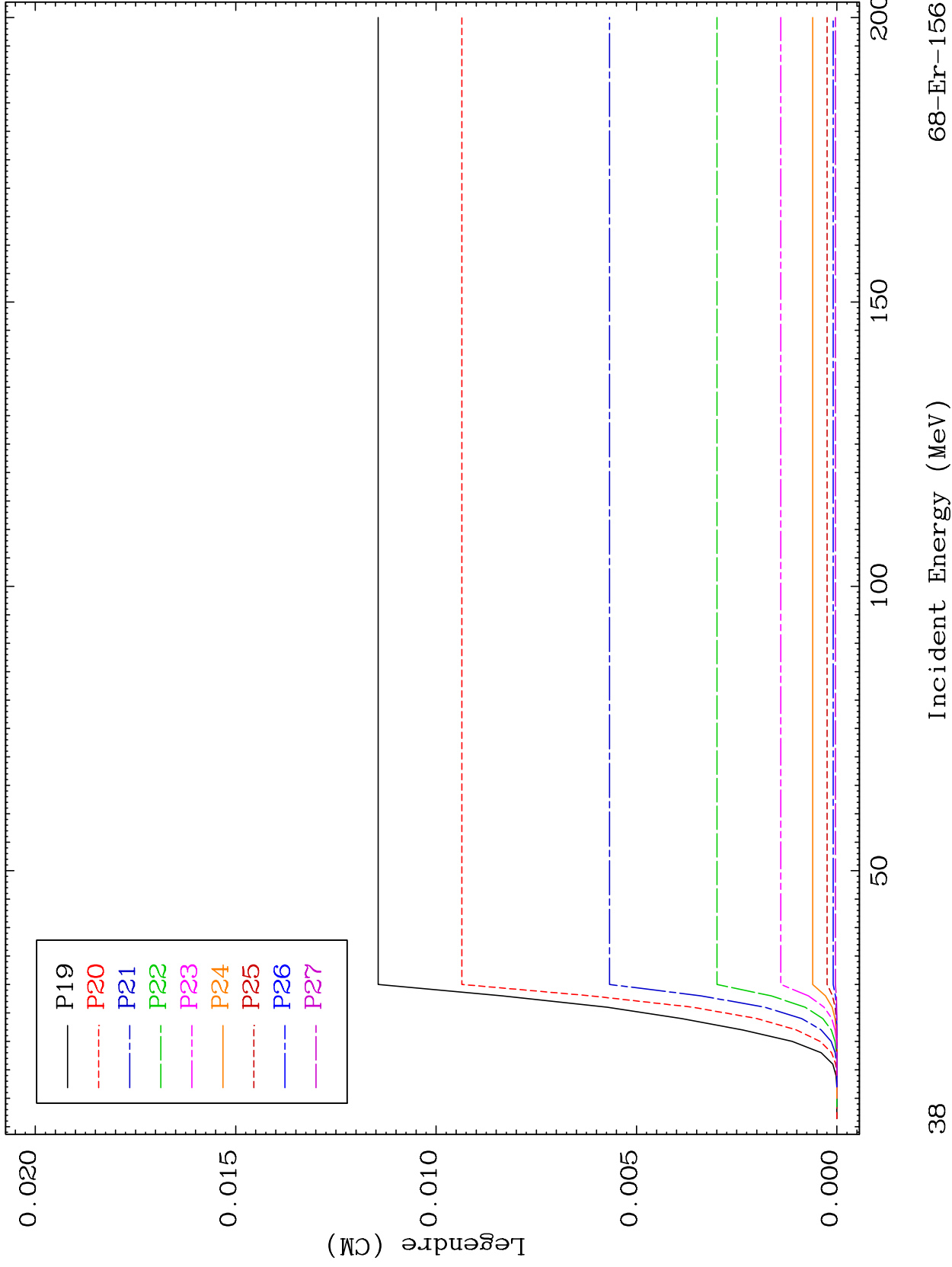
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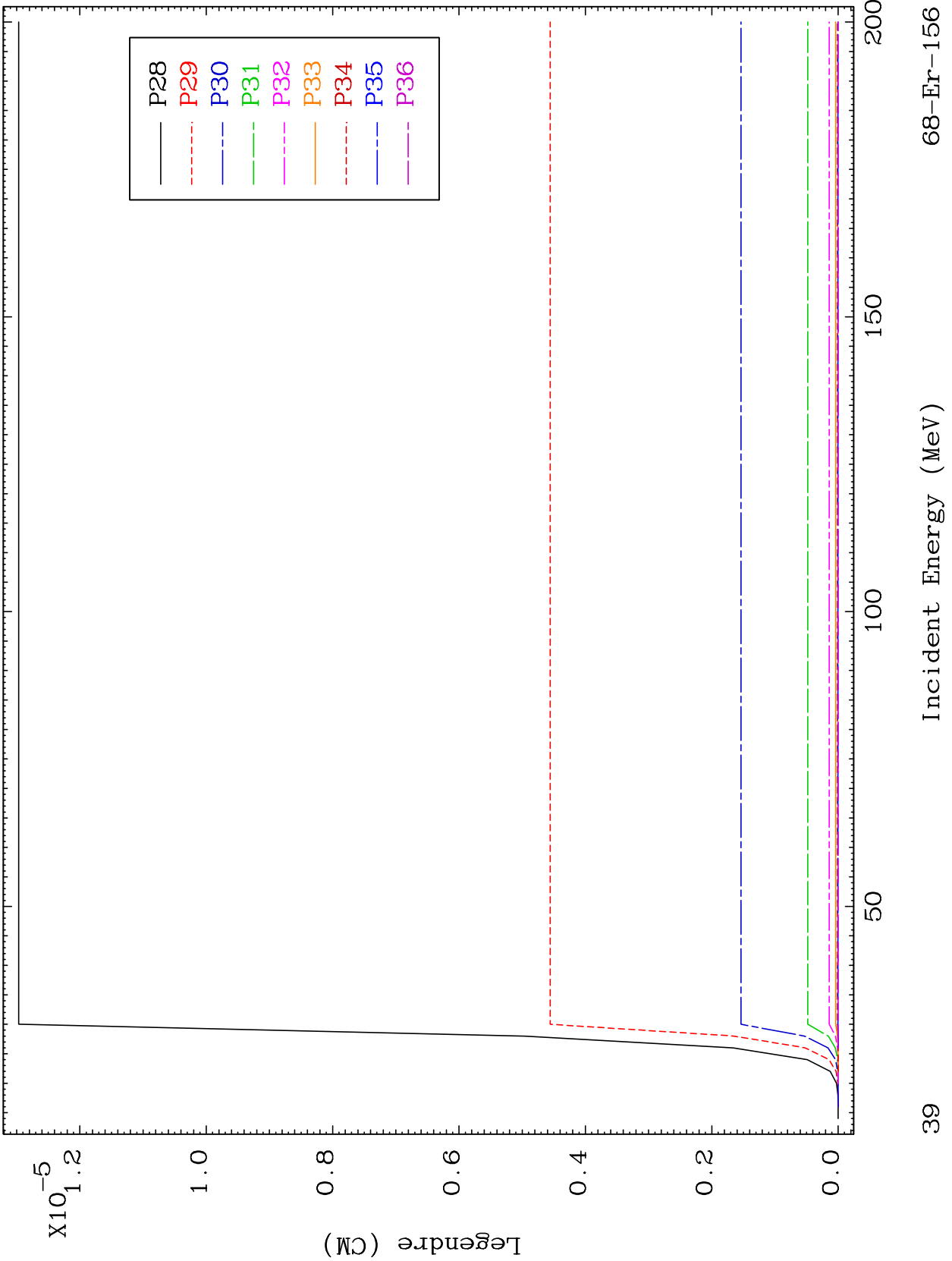


37

Incident Energy (MeV)

68-Er-156

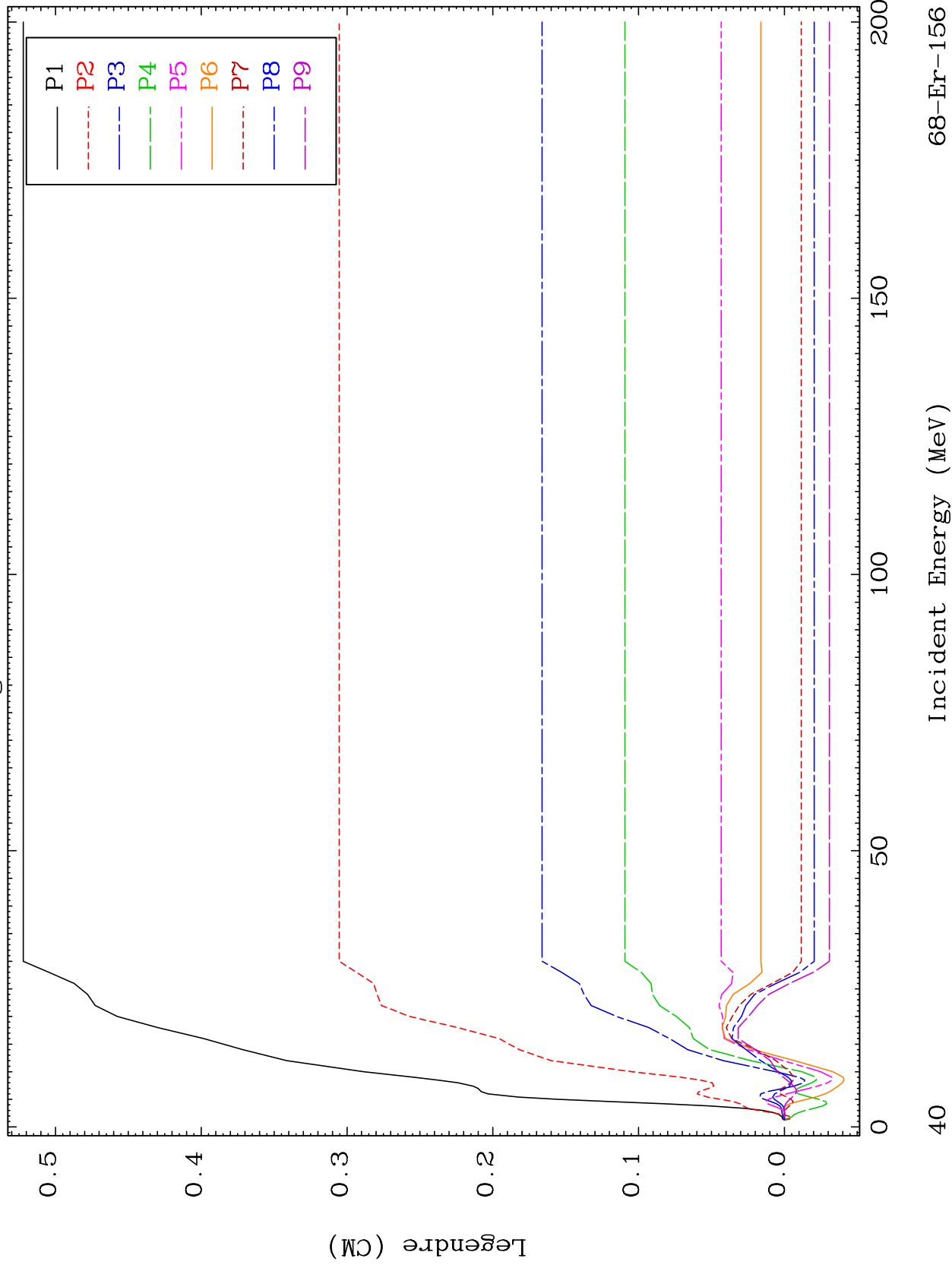




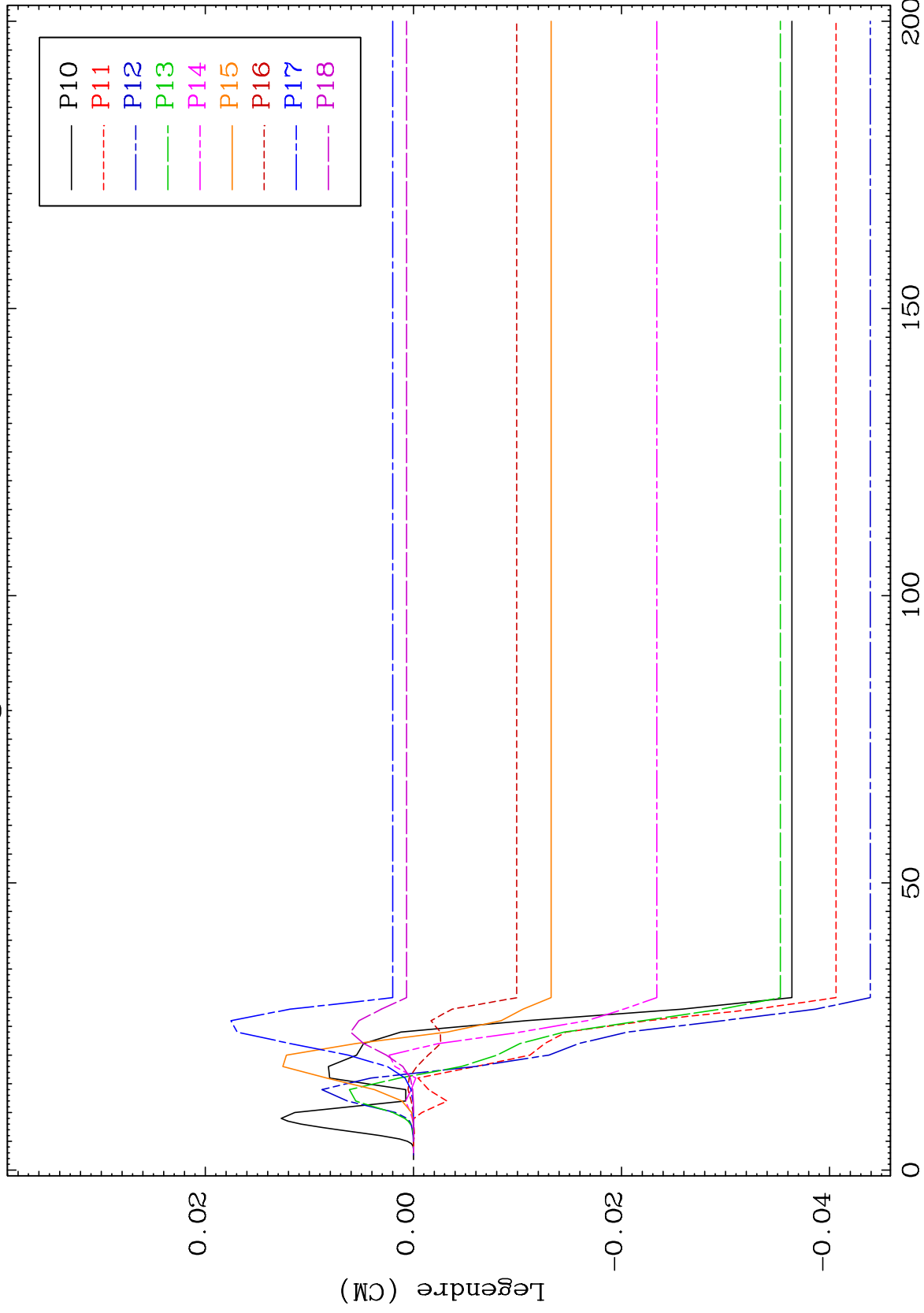
MAT 6807

1.243 MeV (n,n') Level
Legendre Coefficients

68-Er-156



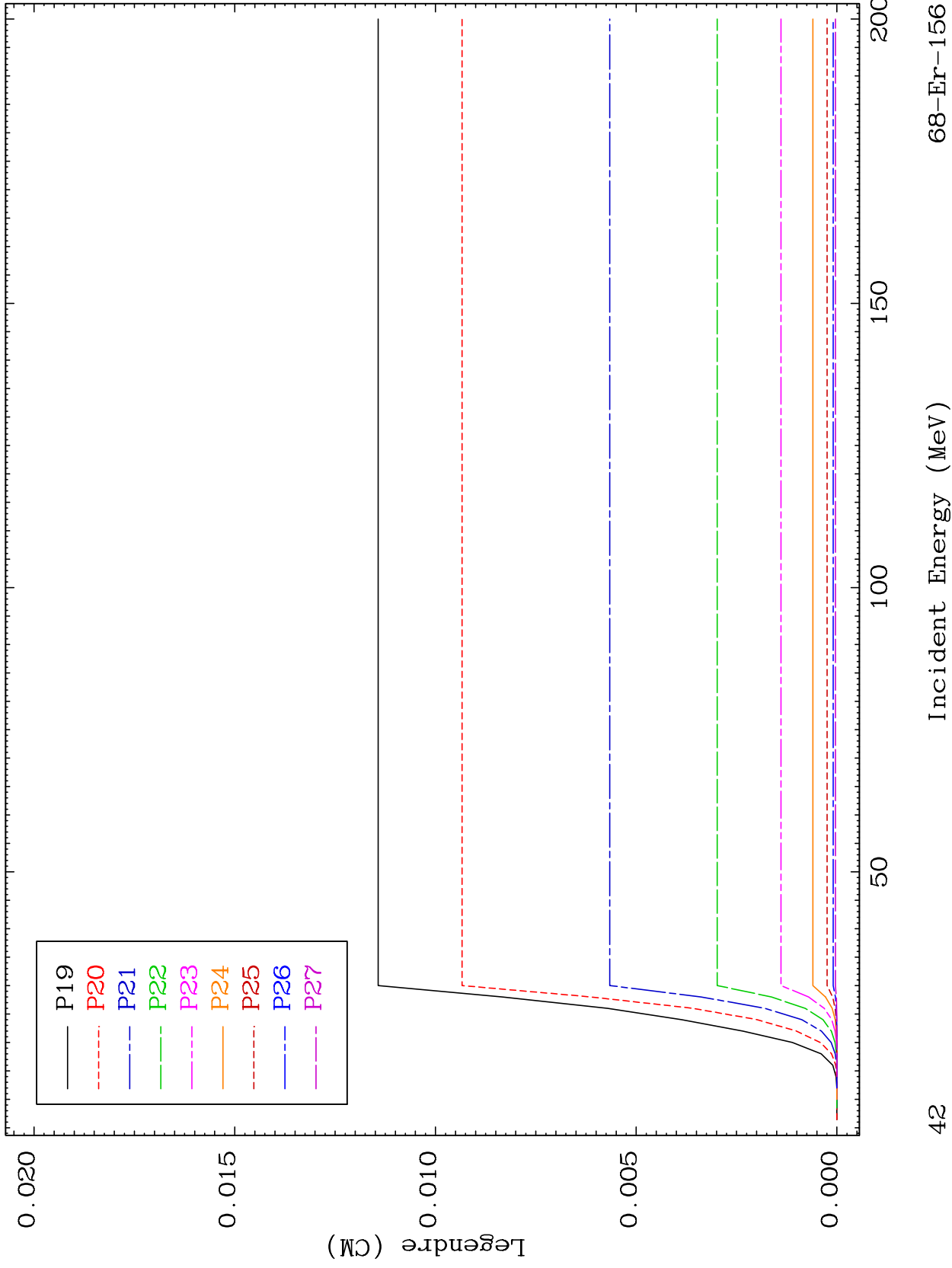
68-Er-156



MAT 6807

1.243 MeV (n, n') Level
Legendre Coefficients

68-Er-156



42

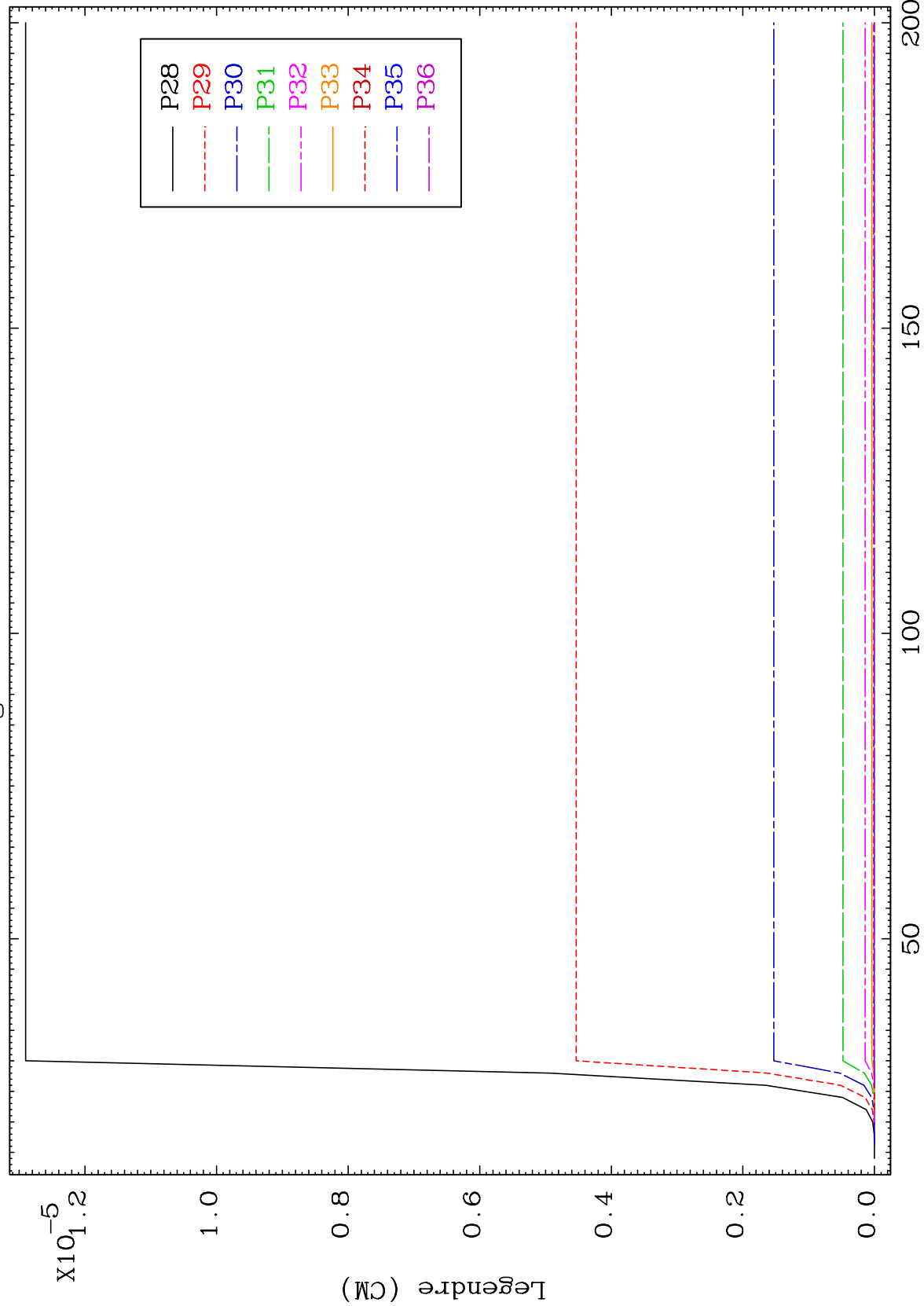
Incident Energy (MeV)

68-Er-156

MAT 6807

1.243 MeV (n,n') Level
Legendre Coefficients

68-Er-156



68-Er-156

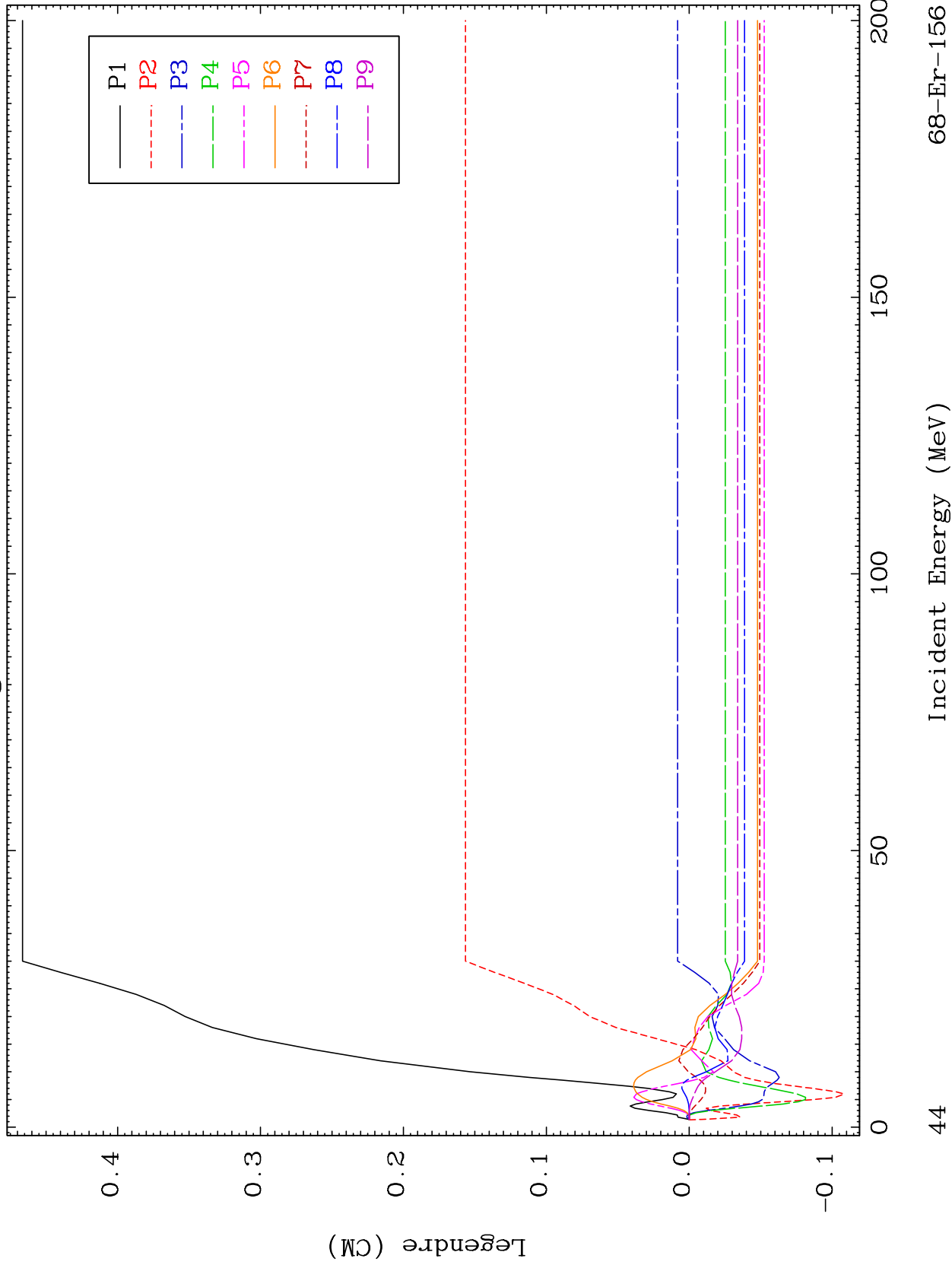
Incident Energy (MeV)

43

MAT 6807

1.304 MeV (n,n') Level
Legendre Coefficients

68-Er-156



68-Er-156

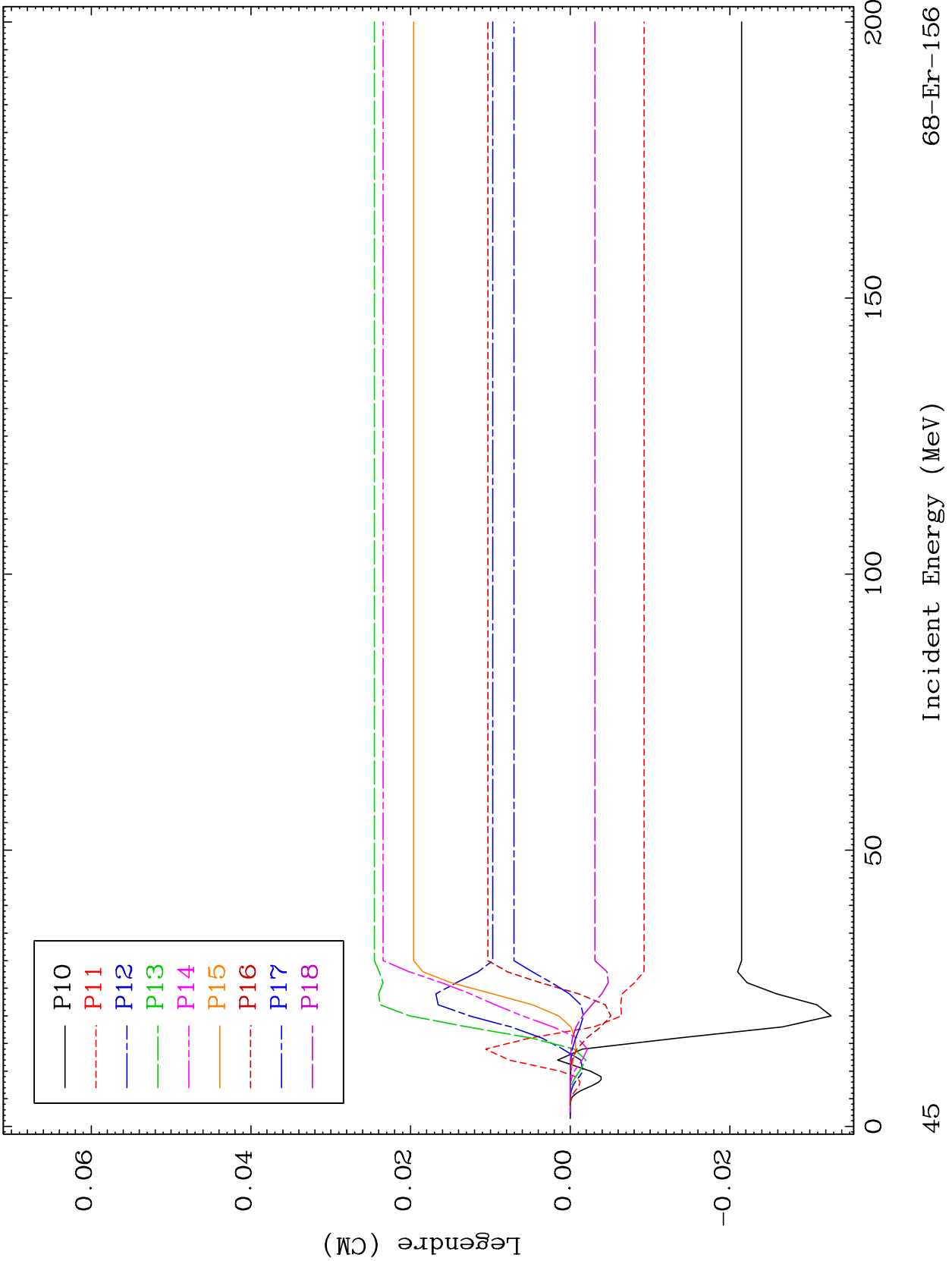
Incident Energy (MeV)

44

MAT 6807

1.304 MeV (n,n') Level
Legendre Coefficients

68-Er-156



68-Er-156

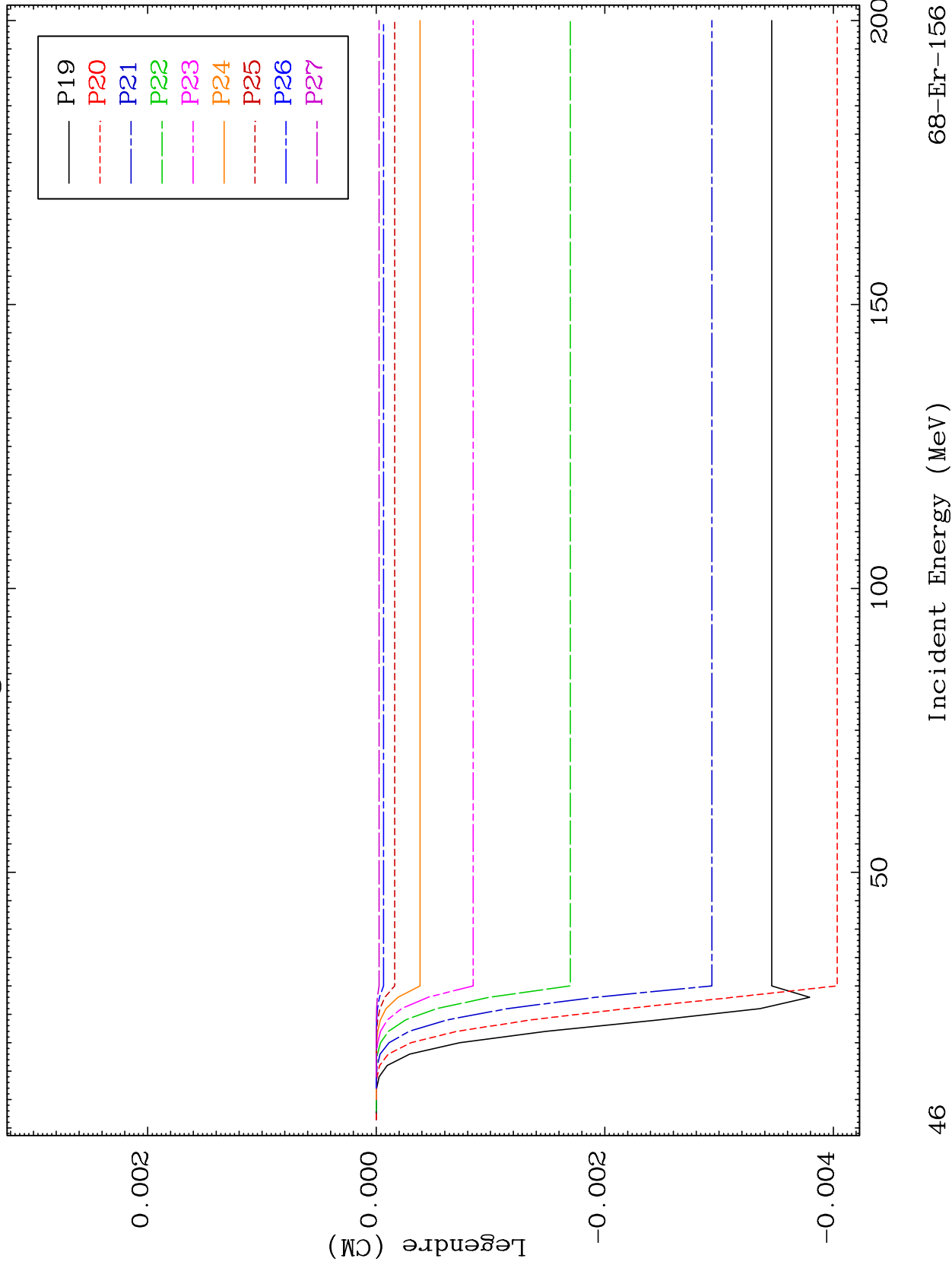
Incident Energy (MeV)

45

MAT 6807

1.304 MeV (n,n') Level
Legendre Coefficients

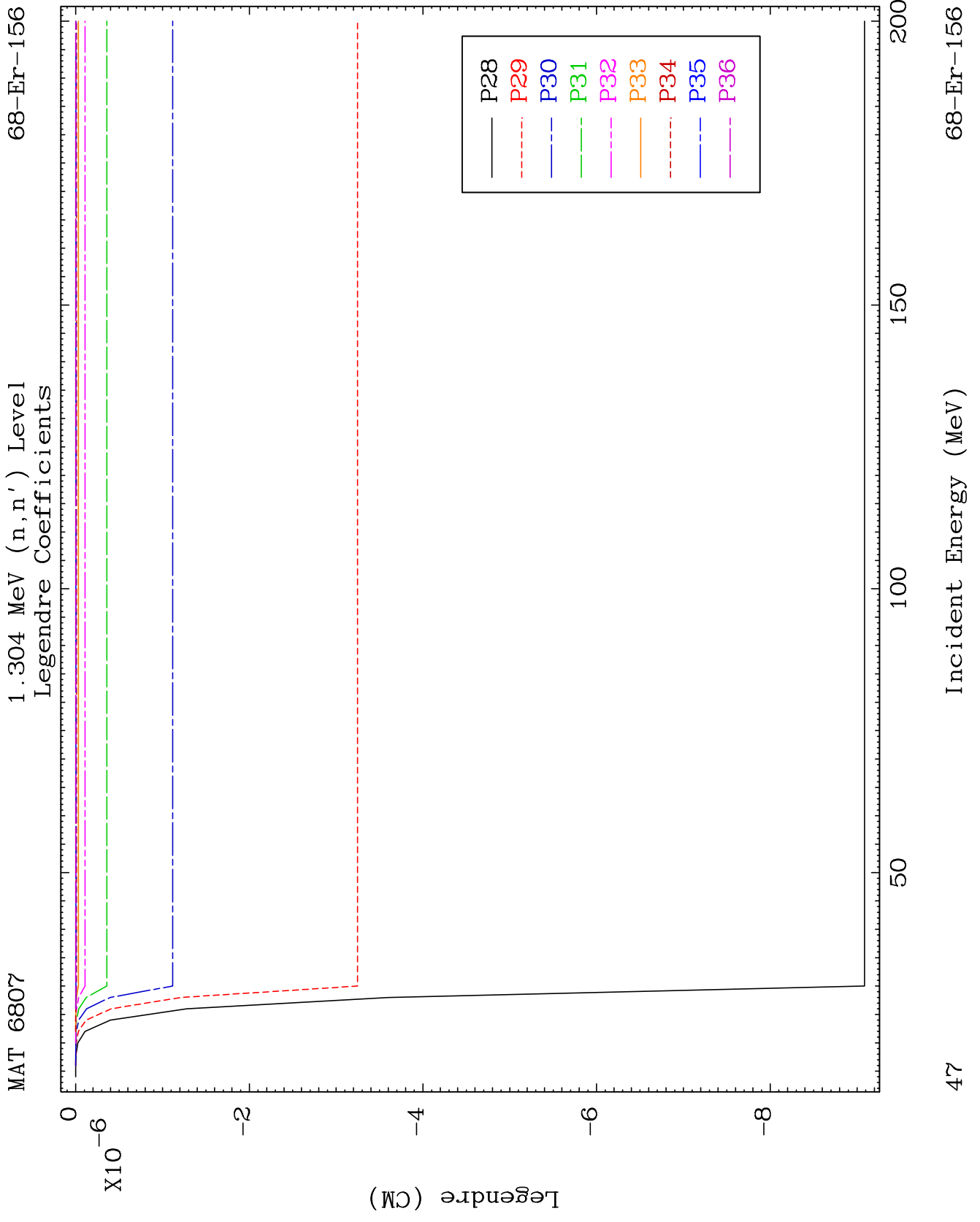
68-Er-156



46

Incident Energy (MeV)

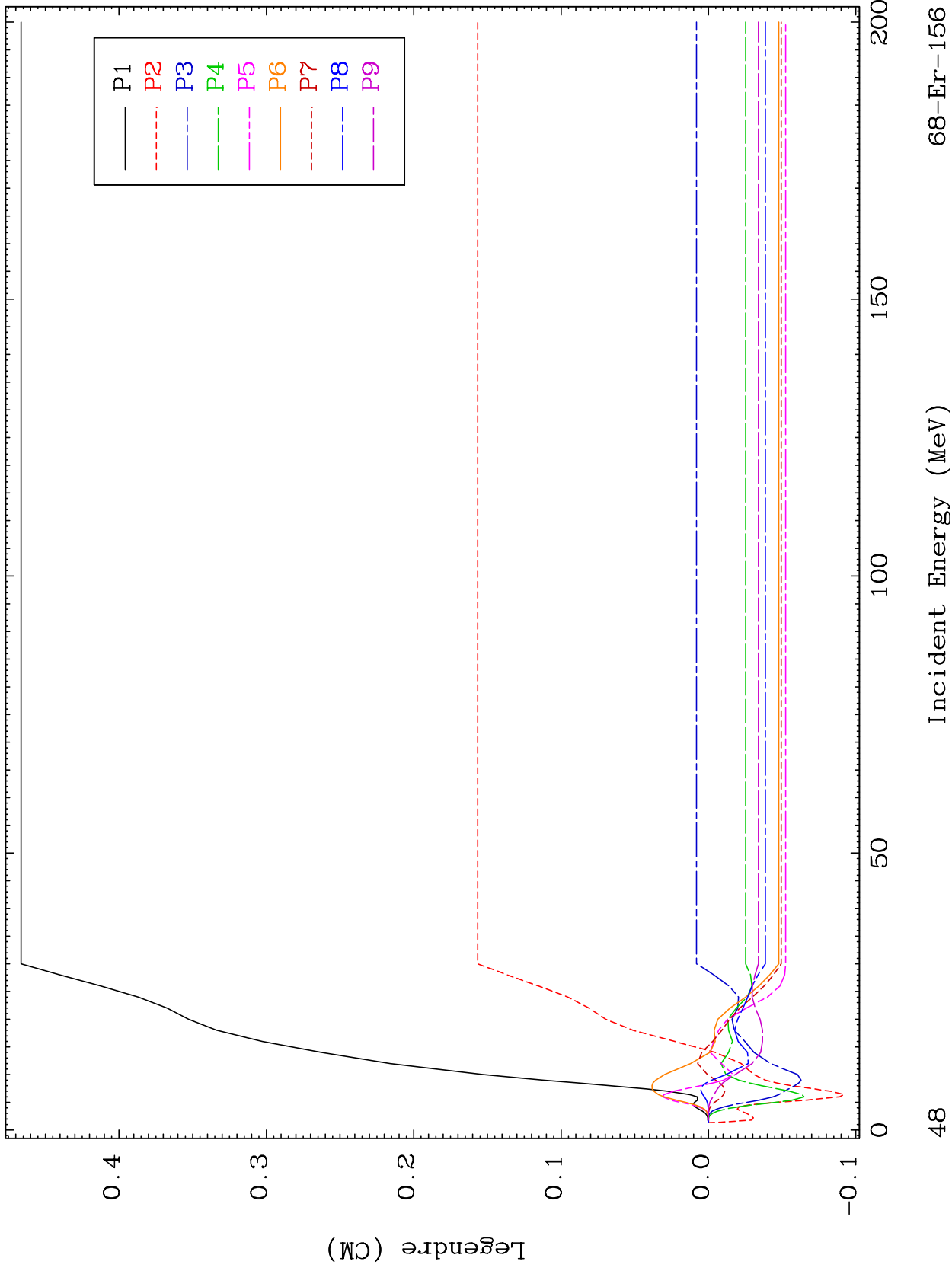
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MAT 6807

1.305 MeV (n,n') Level
Legendre Coefficients

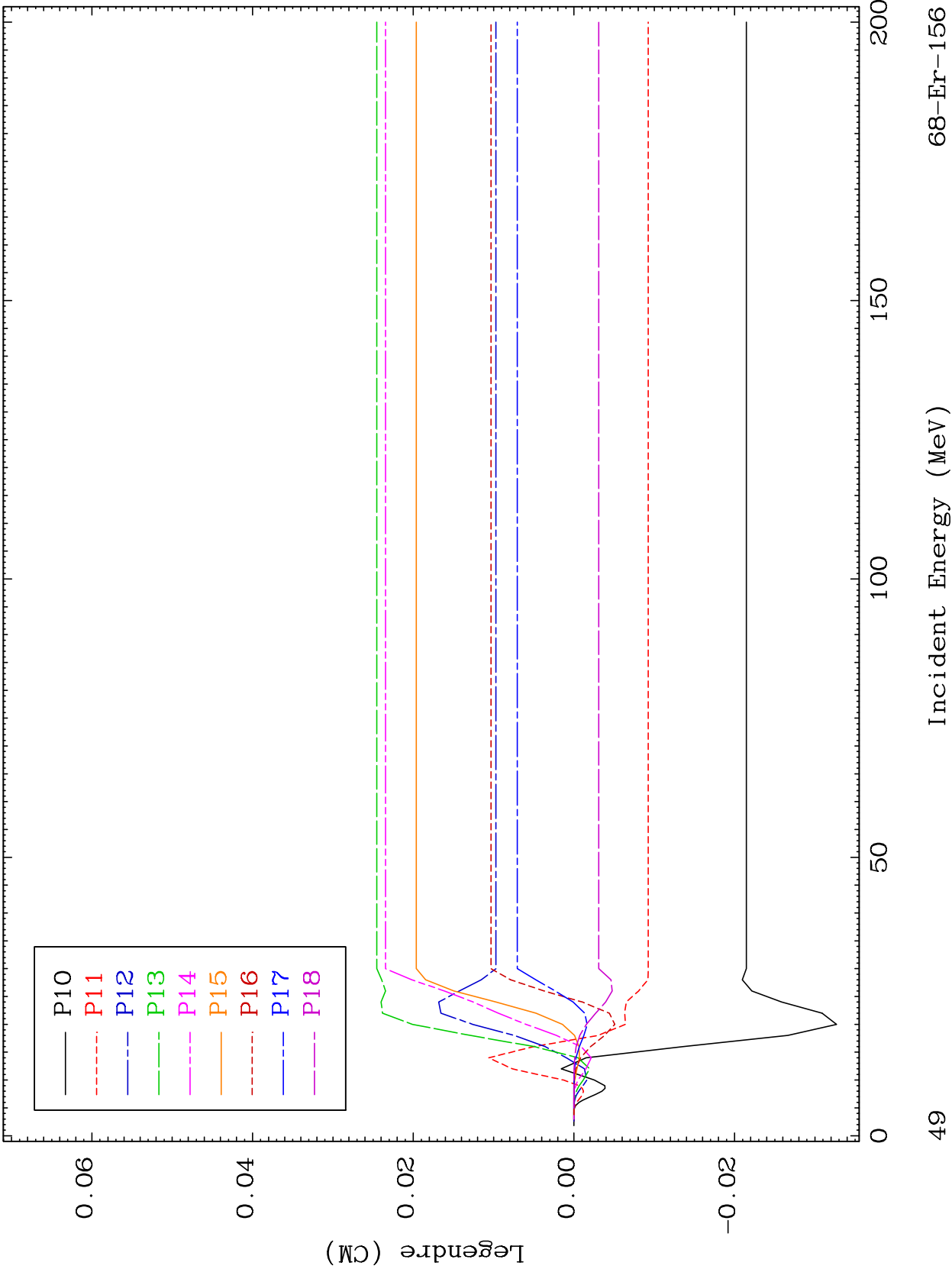
68-Er-156



68-Er-156

Incident Energy (MeV)

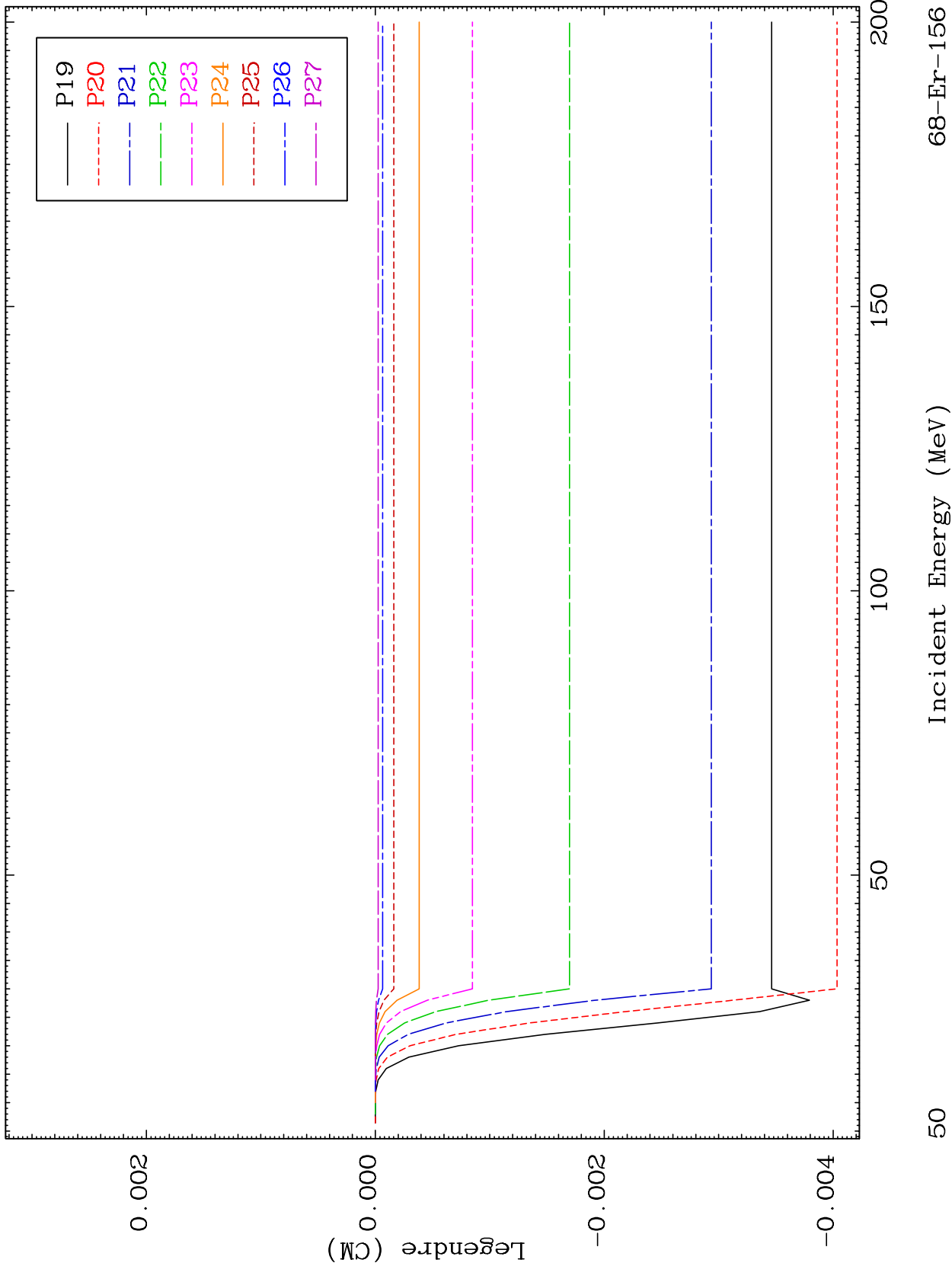
48



MAT 6807

1.305 MeV (n,n') Level
Legendre Coefficients

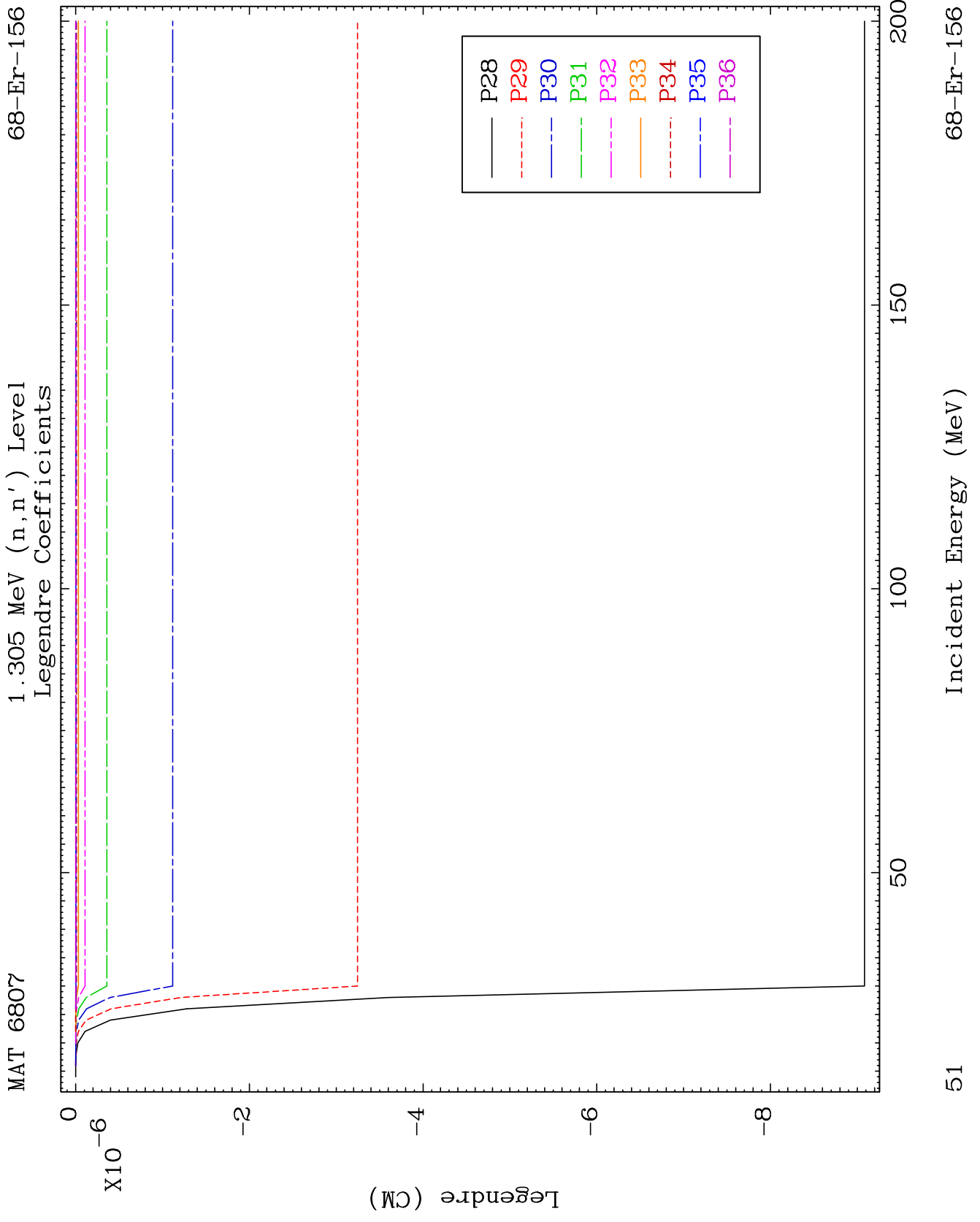
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50

Incident Energy (MeV)

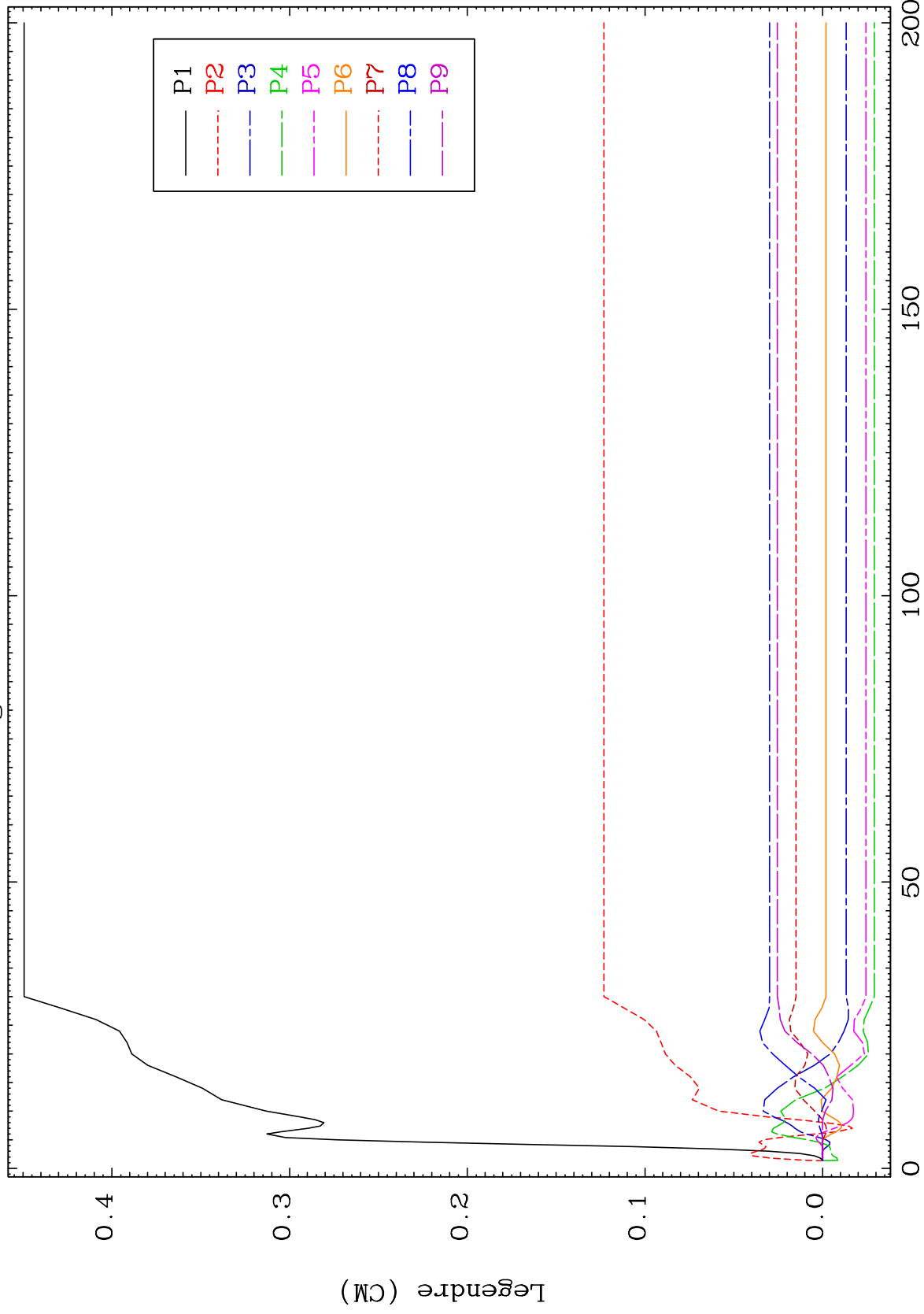
68-Er-156



MAT 6807

1.341 MeV (n,n') Level
Legendre Coefficients

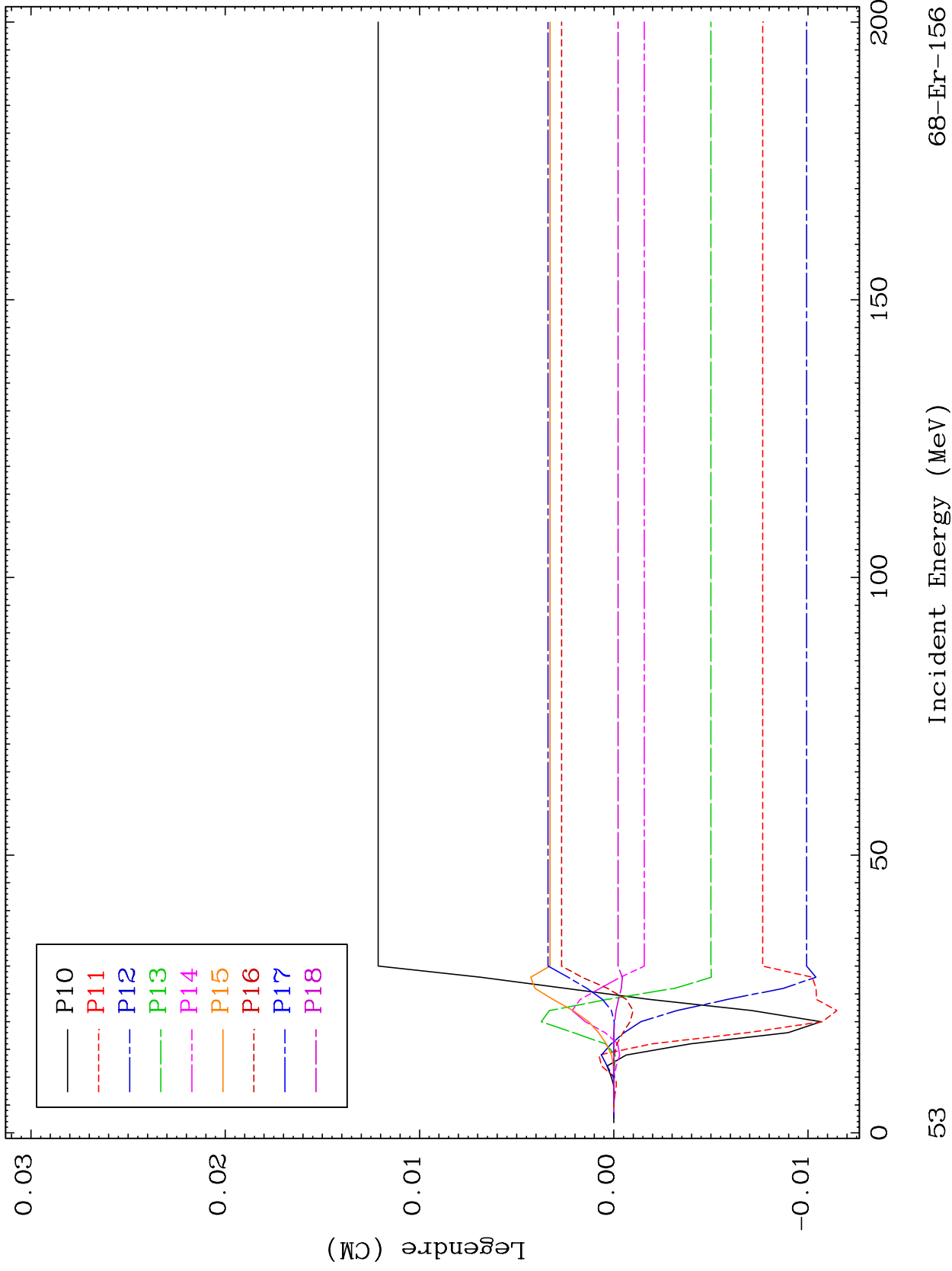
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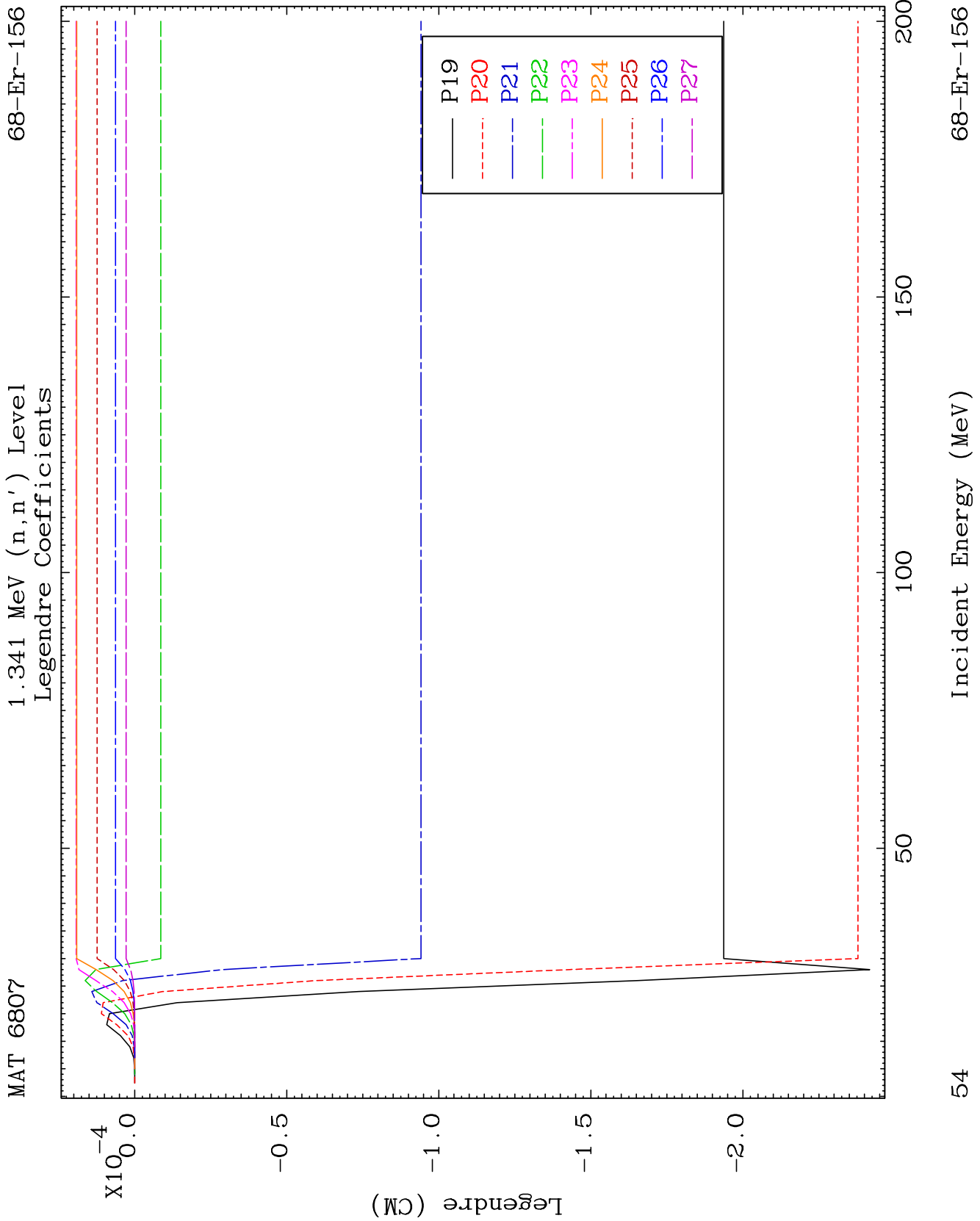


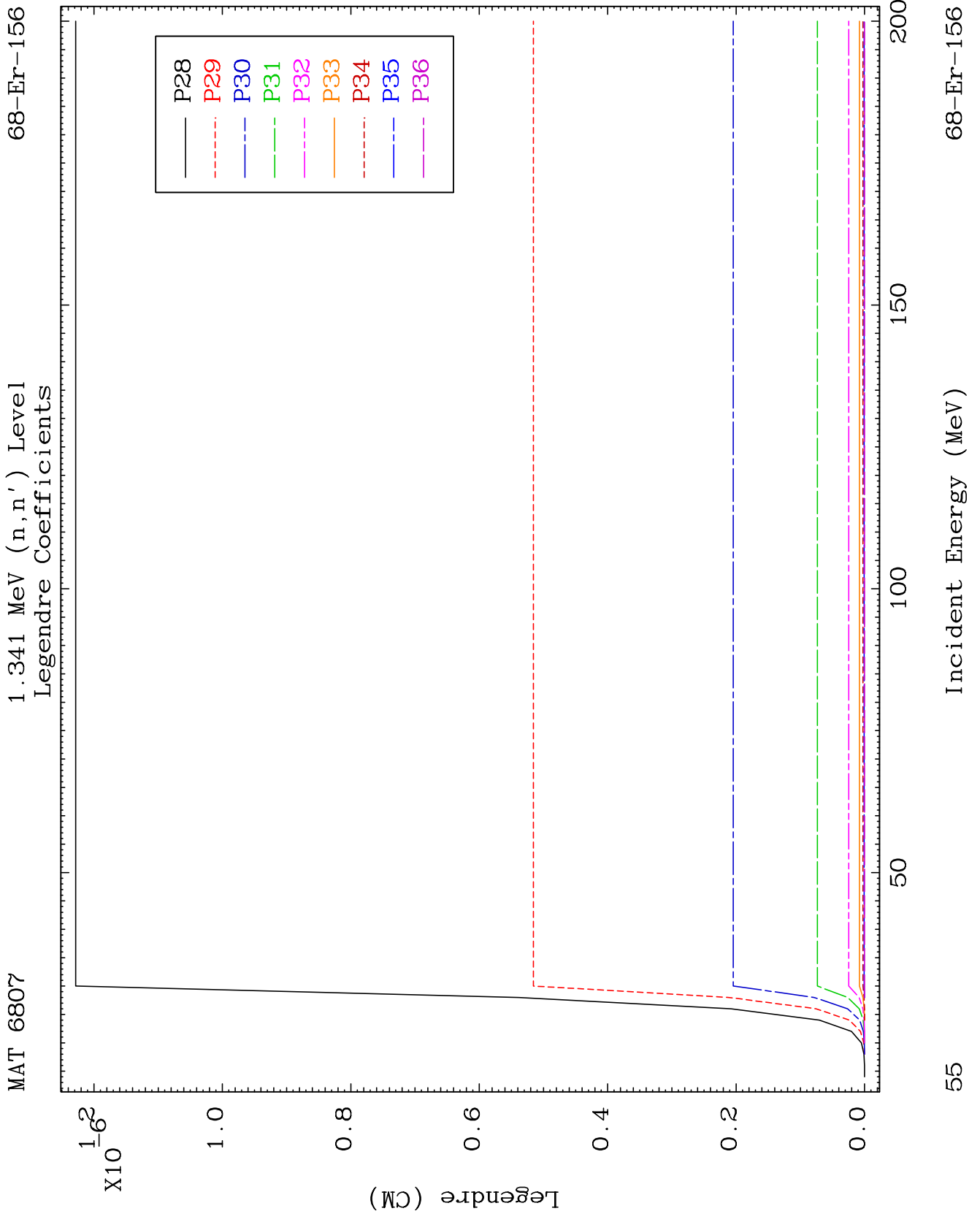
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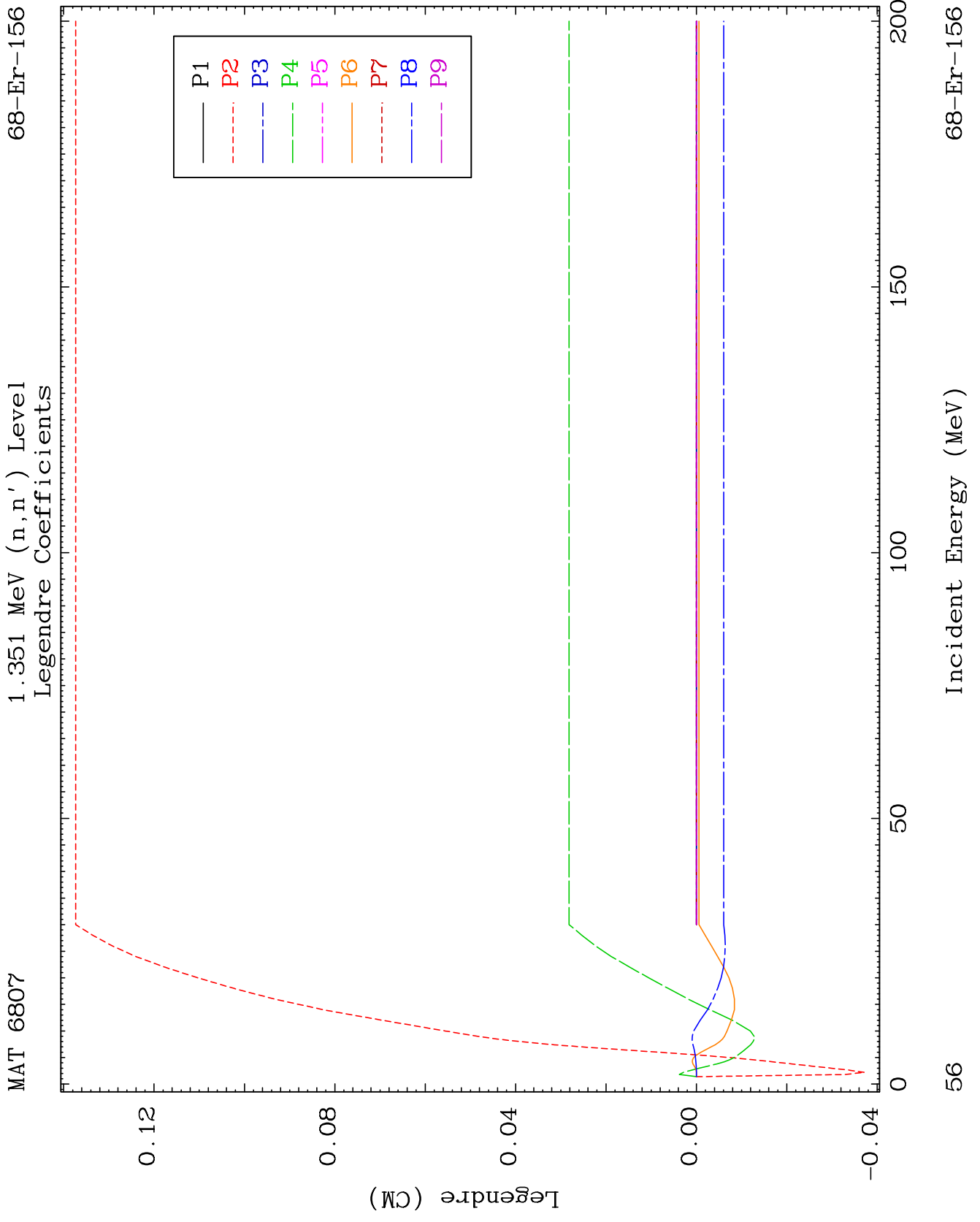
Incident Energy (MeV)

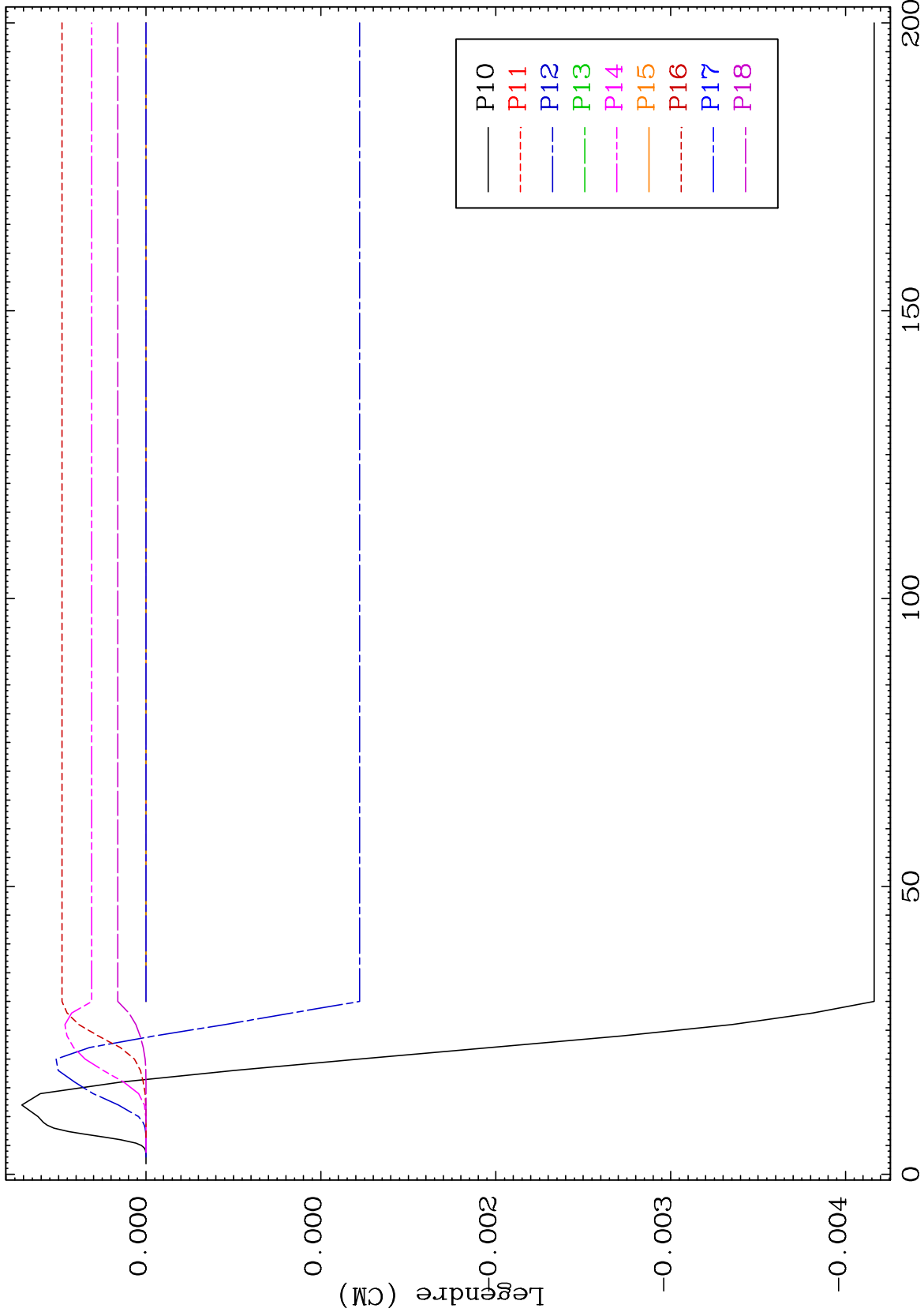
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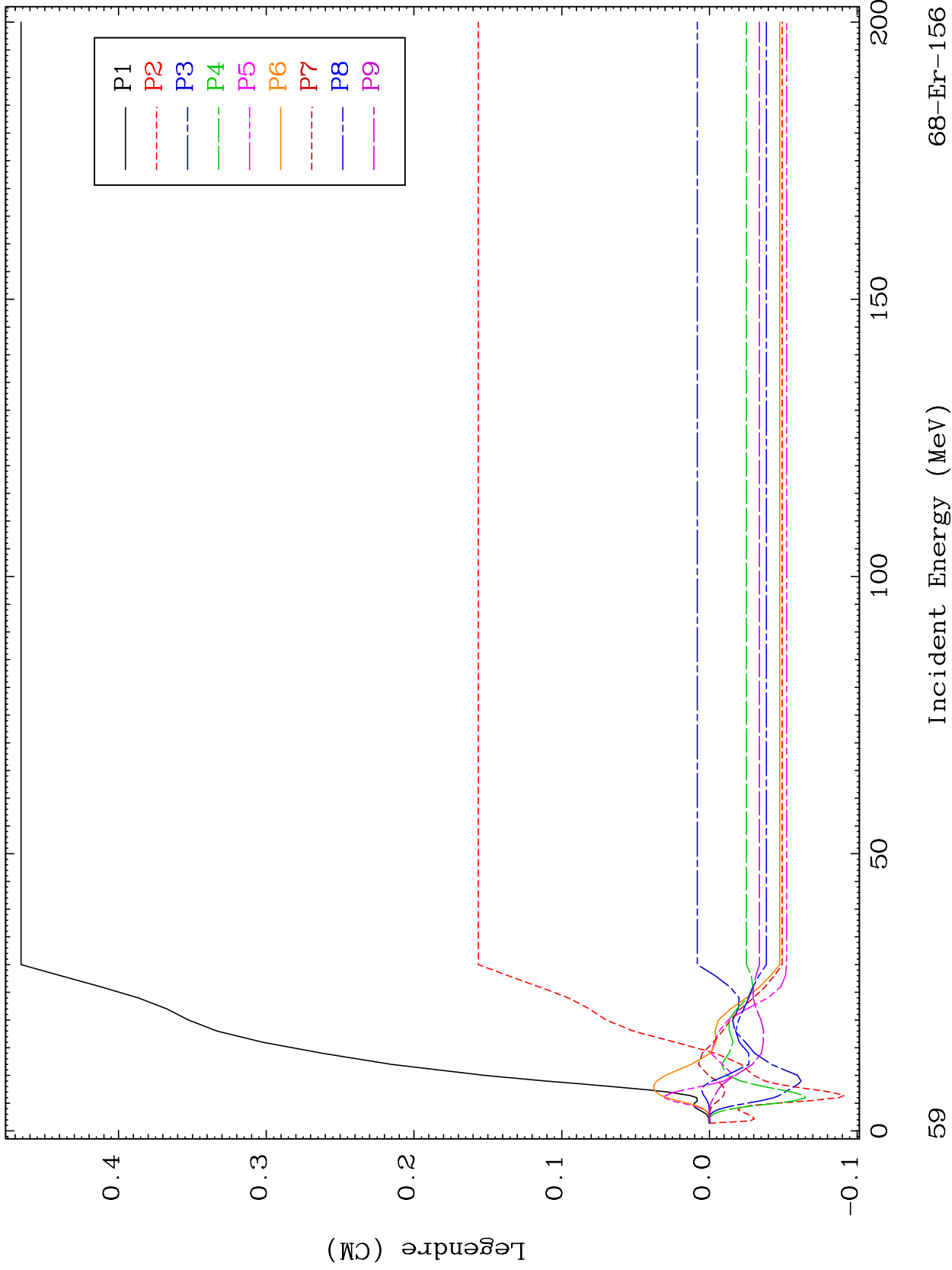


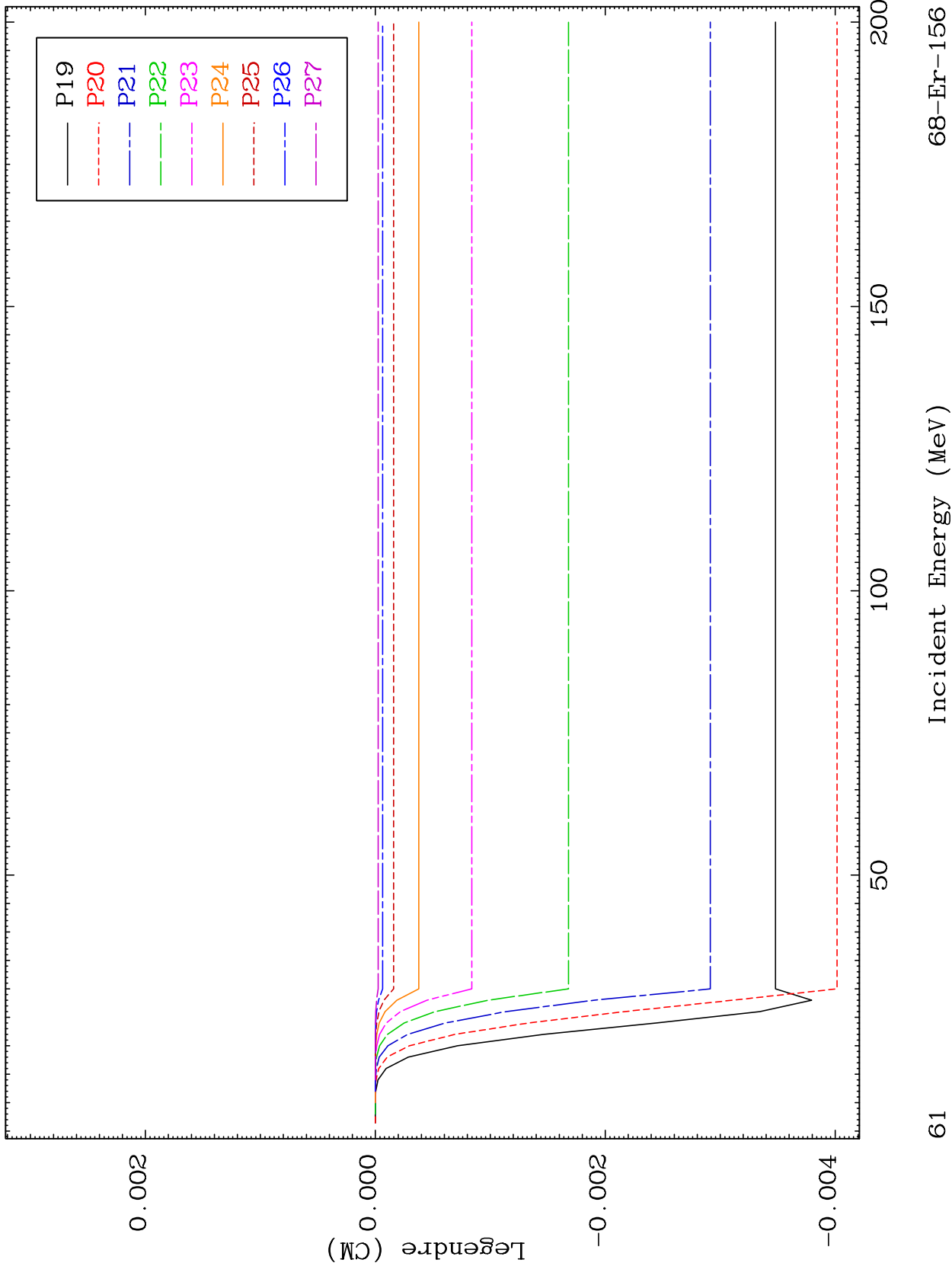


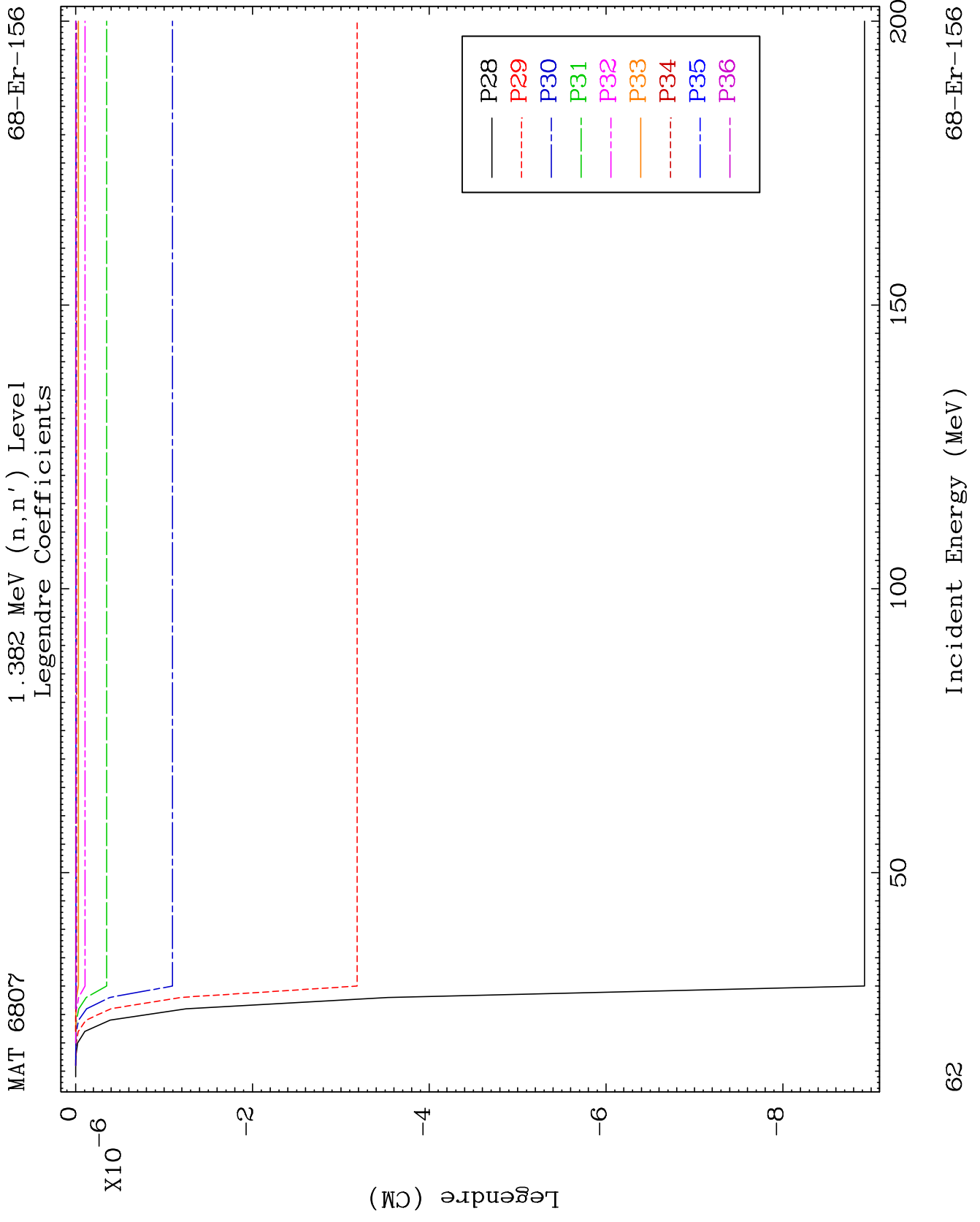








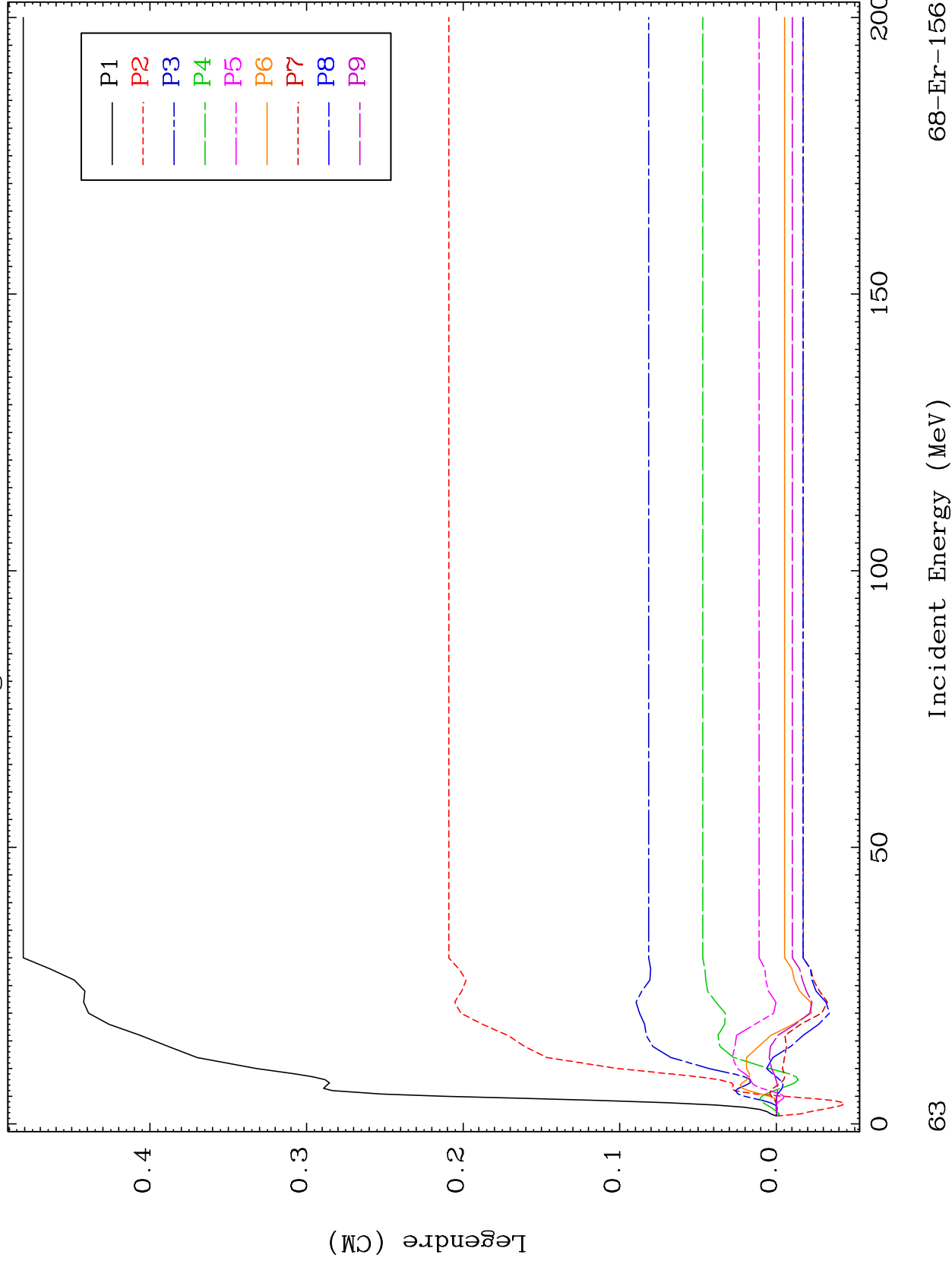




MAT 6807

1.406 MeV (n,n') Level
Legendre Coefficients

68-Er-156



68-Er-156

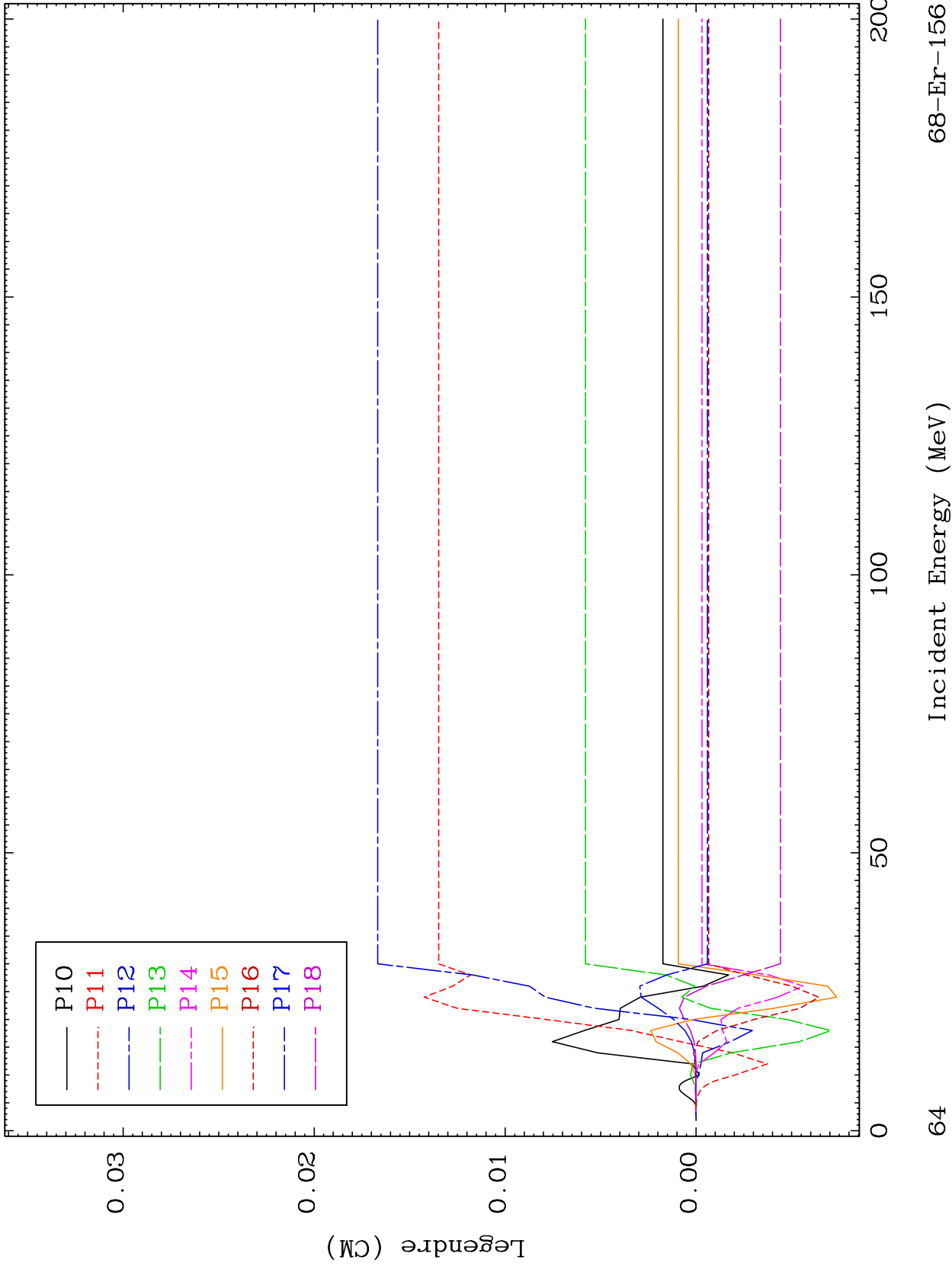
Incident Energy (MeV)

63

MAT 6807

1.406 MeV (n,n') Level
Legendre Coefficients

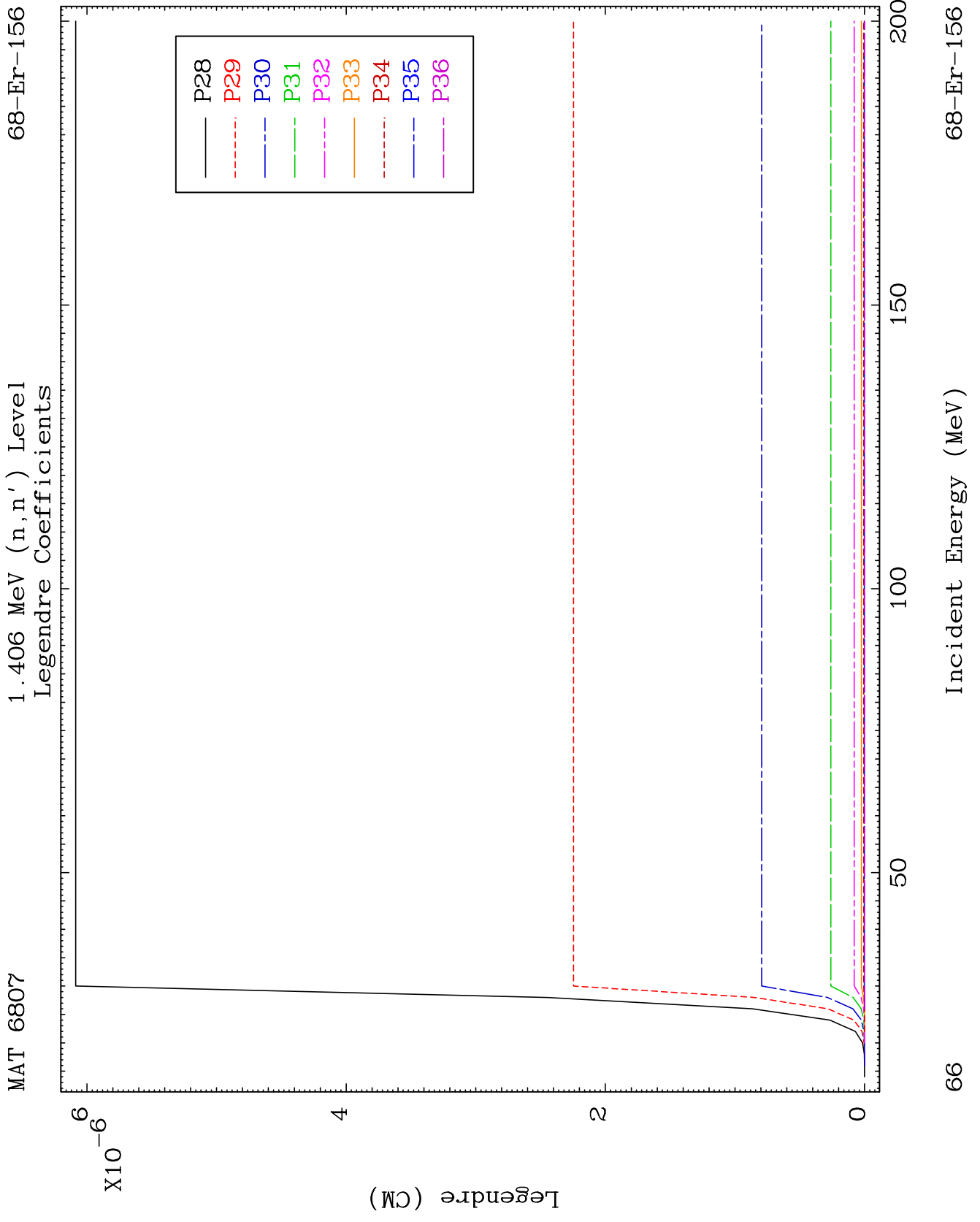
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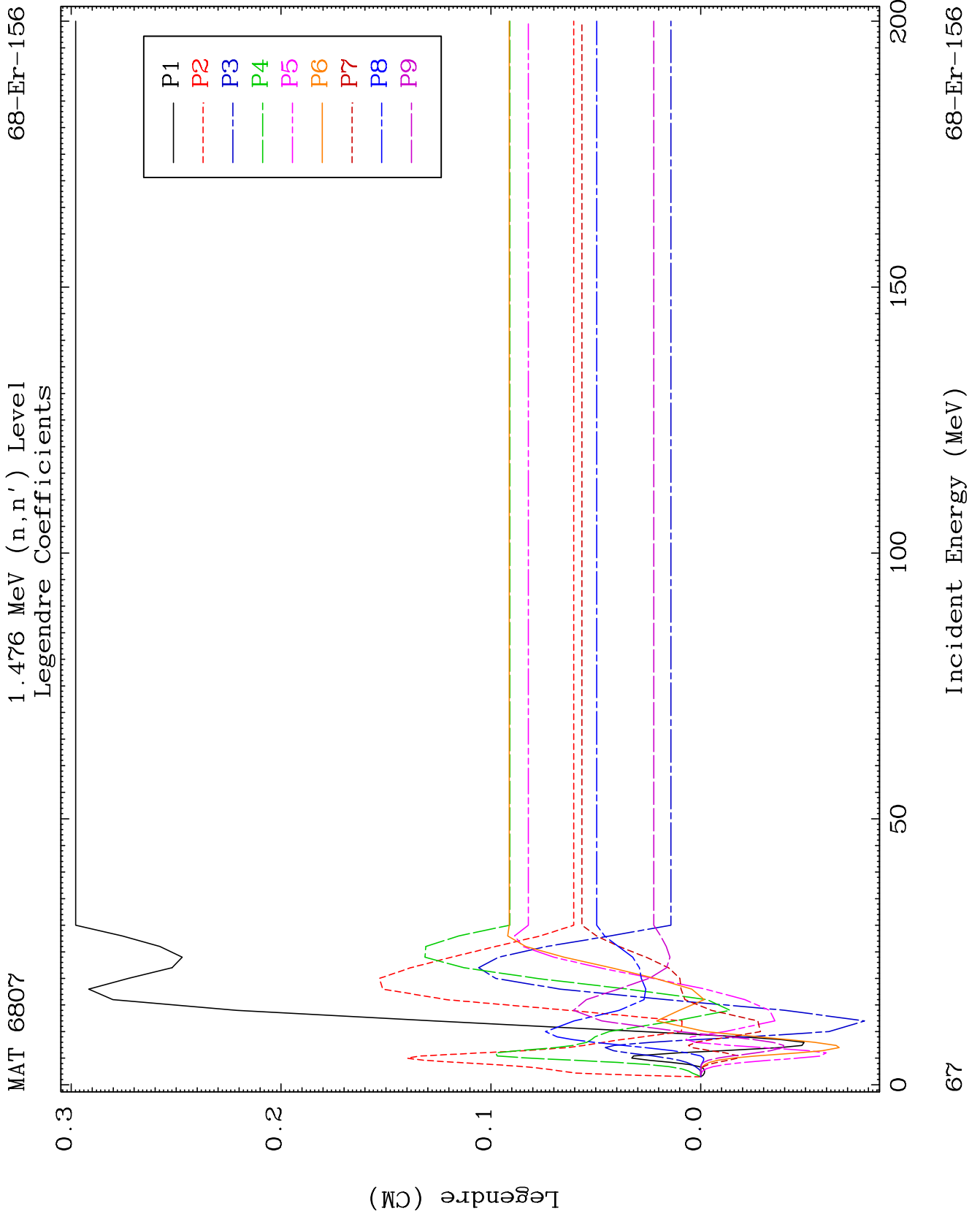


64

Incident Energy (MeV)

68-Er-156

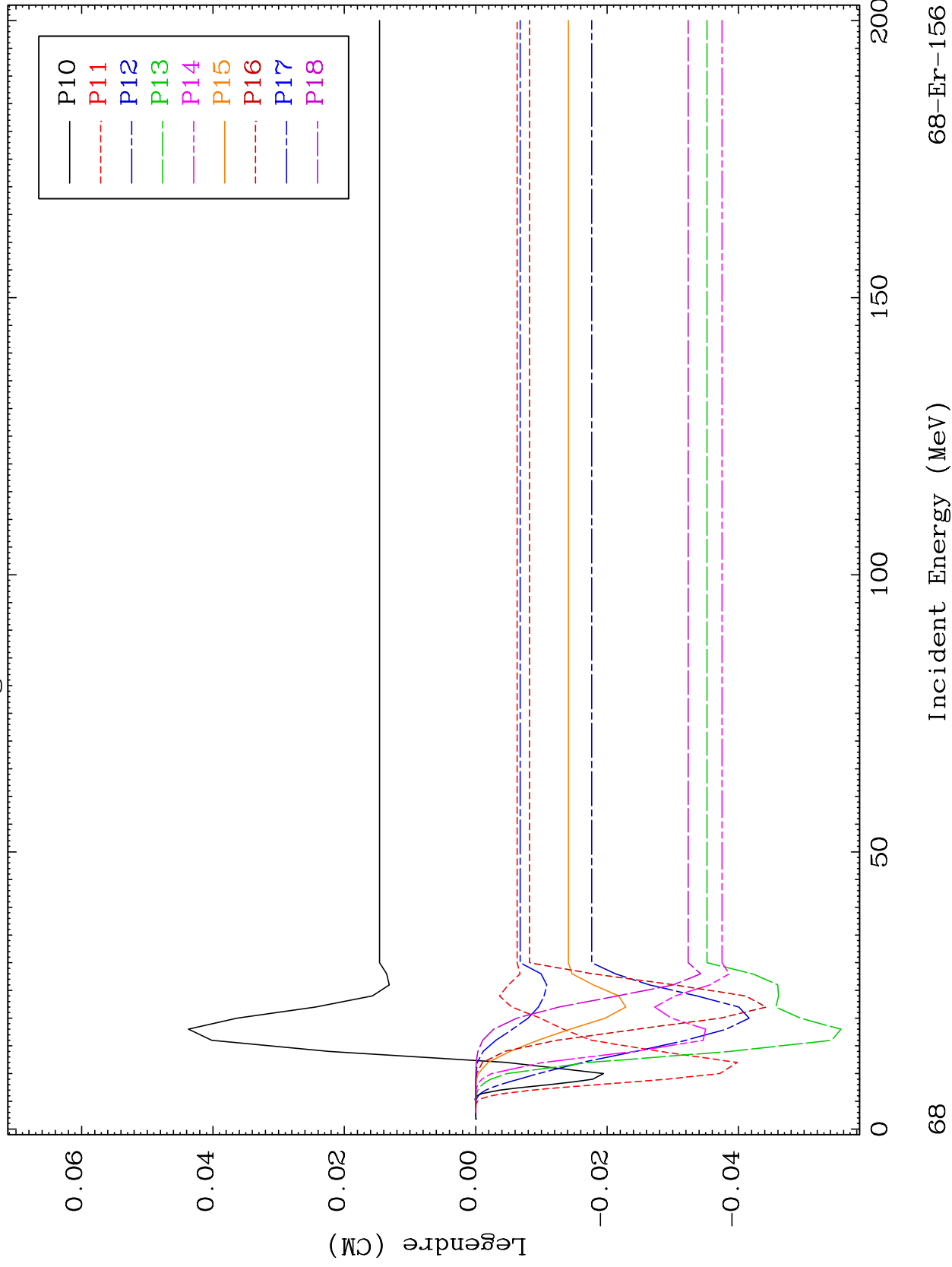




MAT 6807

1.476 MeV (n,n') Level
Legendre Coefficients

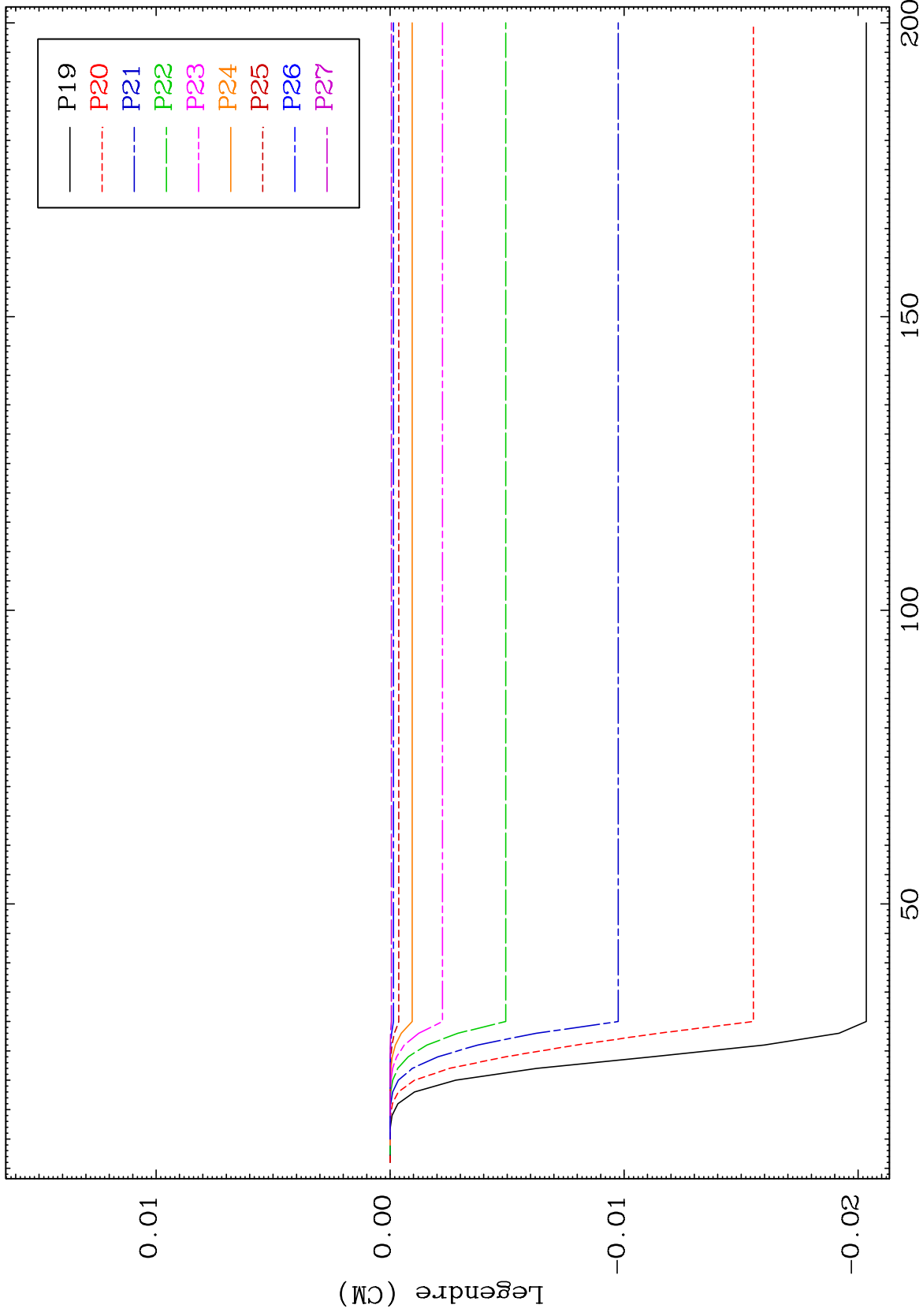
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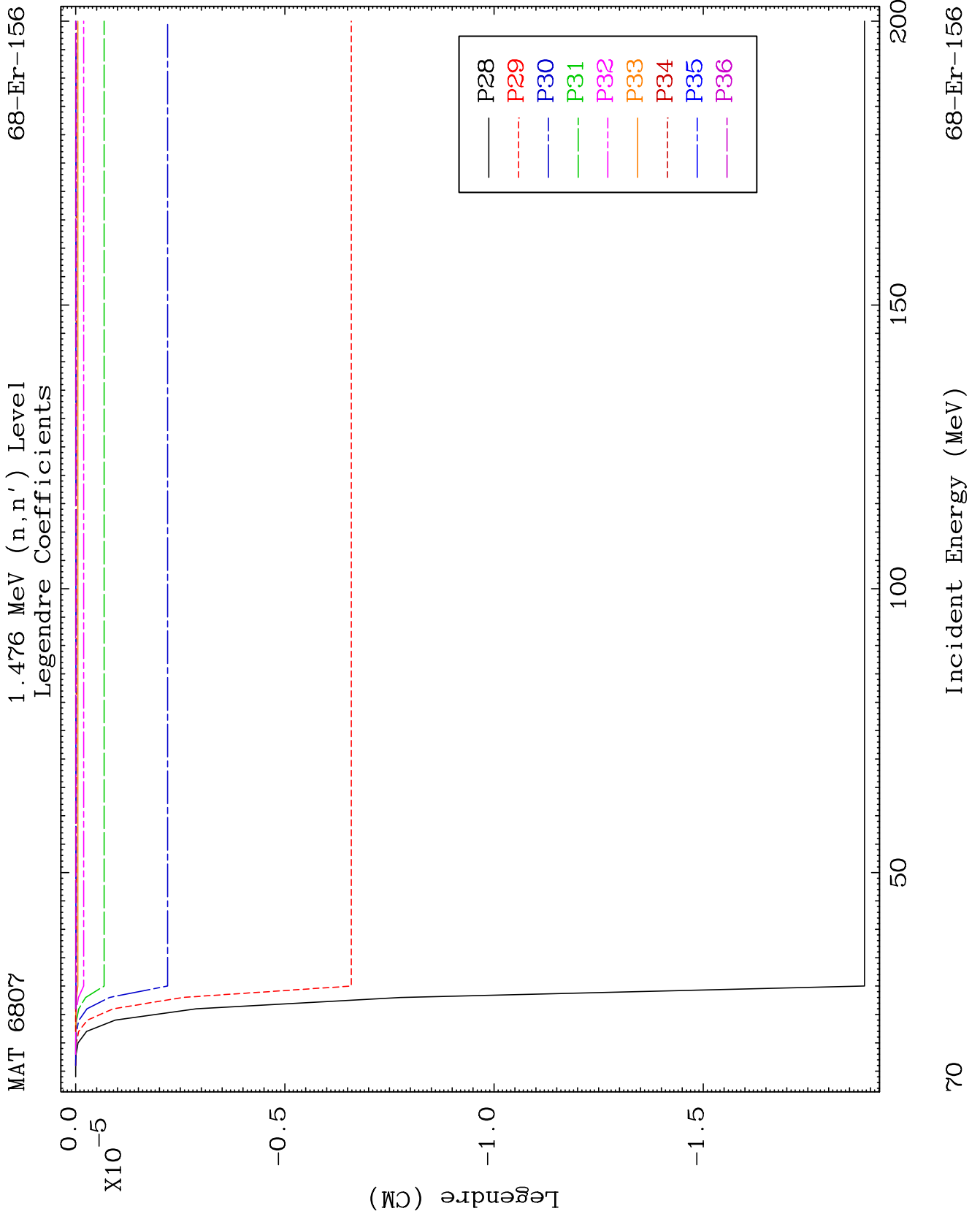


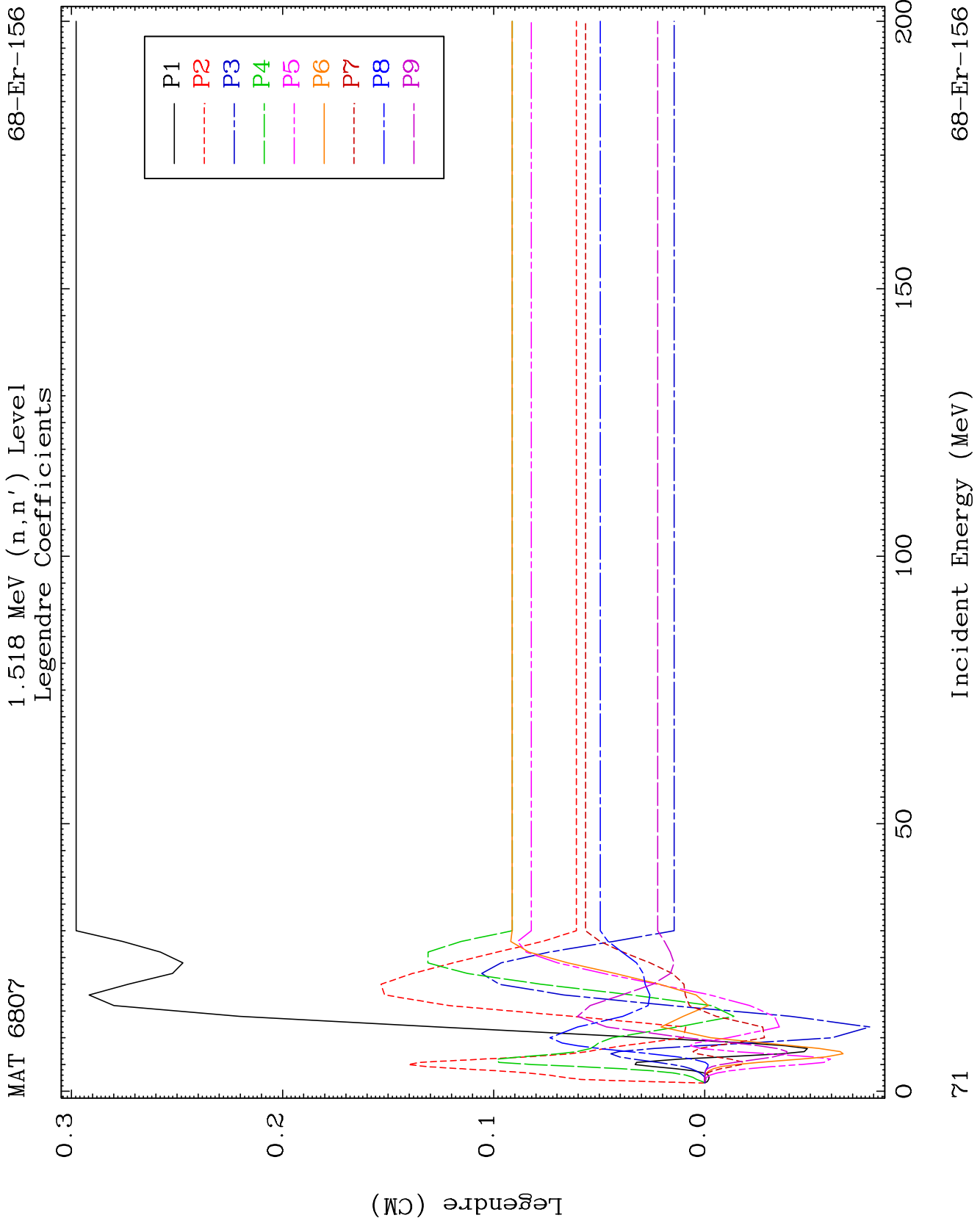
68

Incident Energy (MeV)

68-Er-156



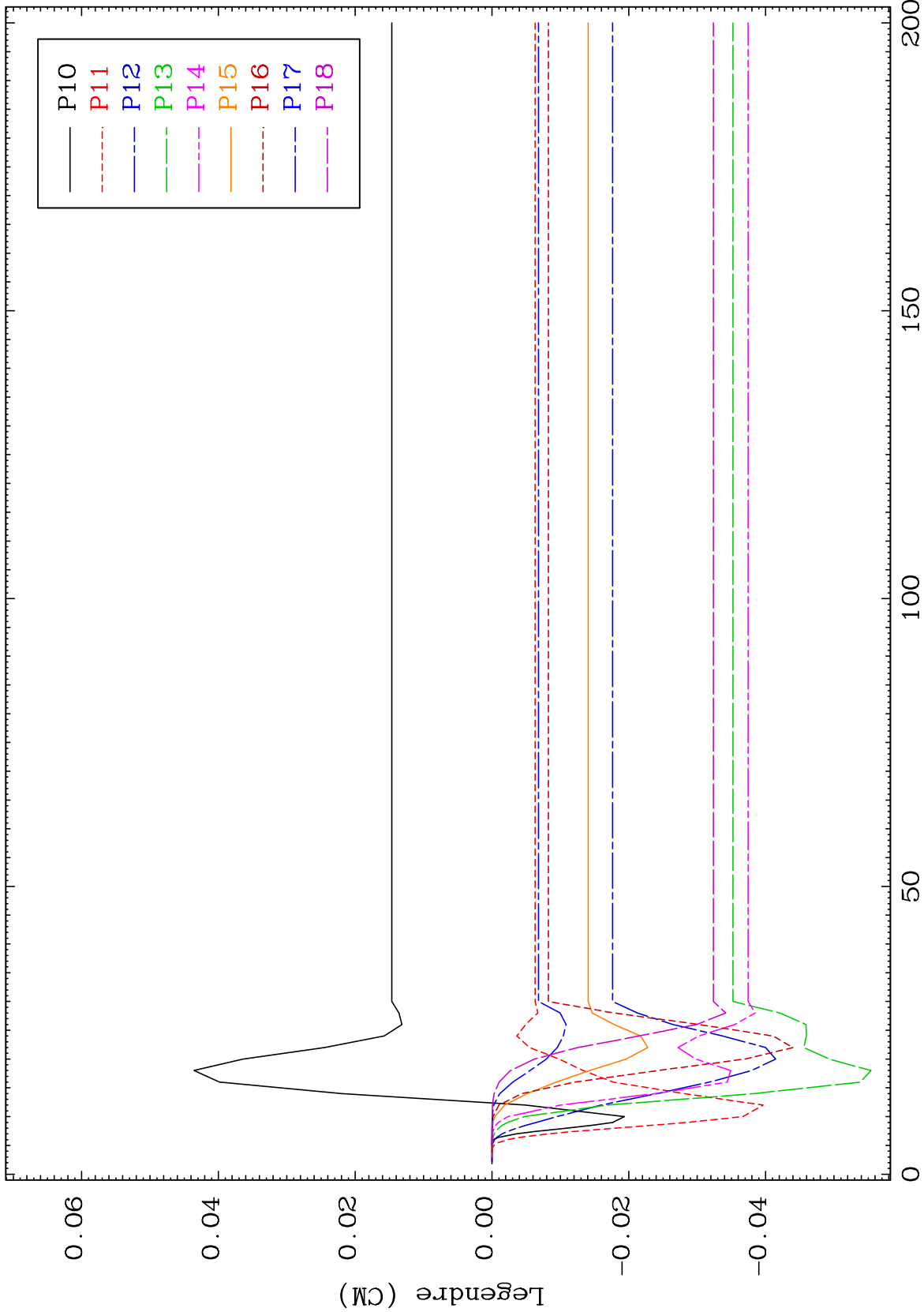




MAT 6807

1.518 MeV (n,n') Level
Legendre Coefficients

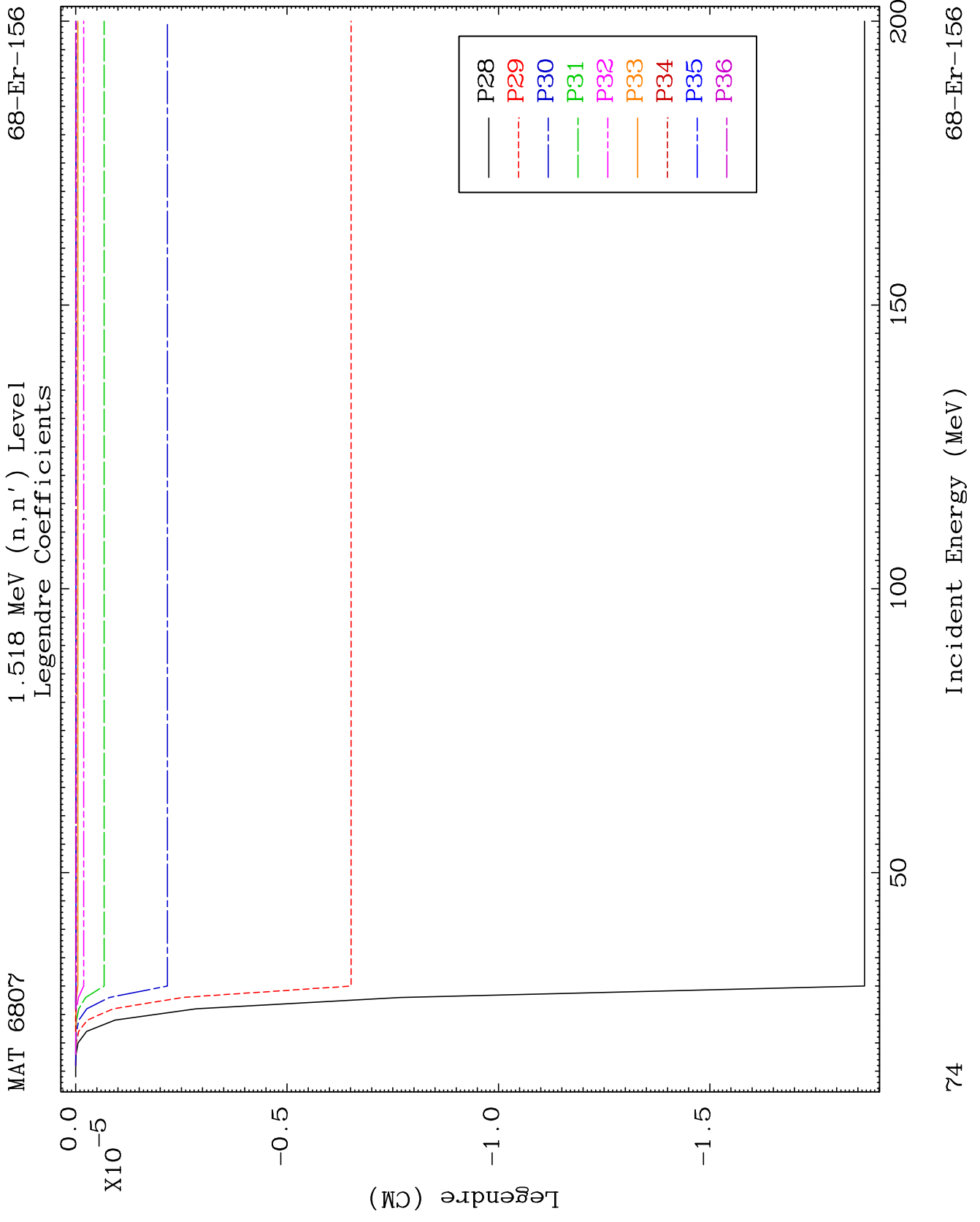
68-Er-156



72

Incident Energy (MeV)

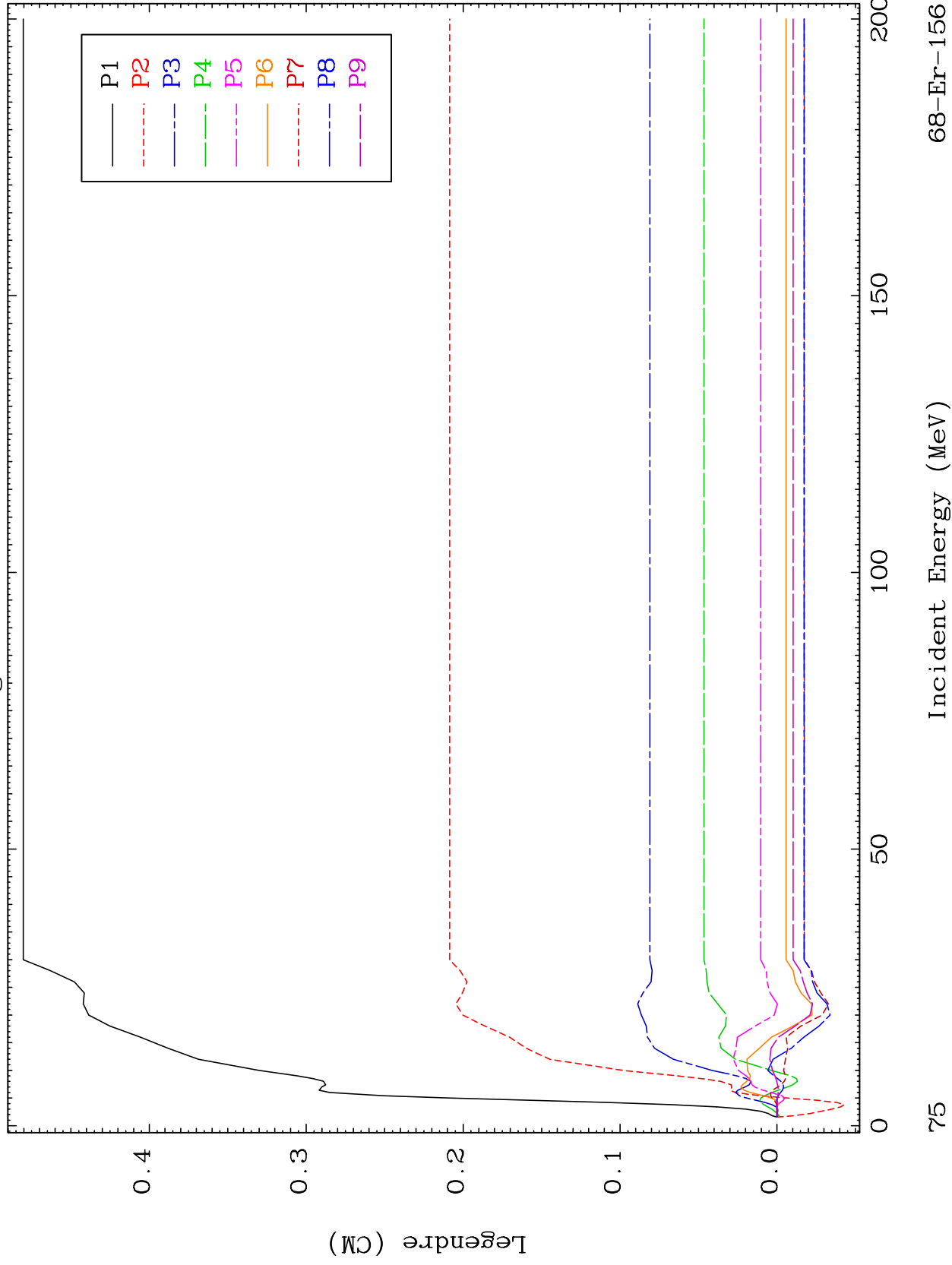
68-Er-156



MAT 6807

1.547 MeV (n,n') Level
Legendre Coefficients

68-Er-156



68-Er-156

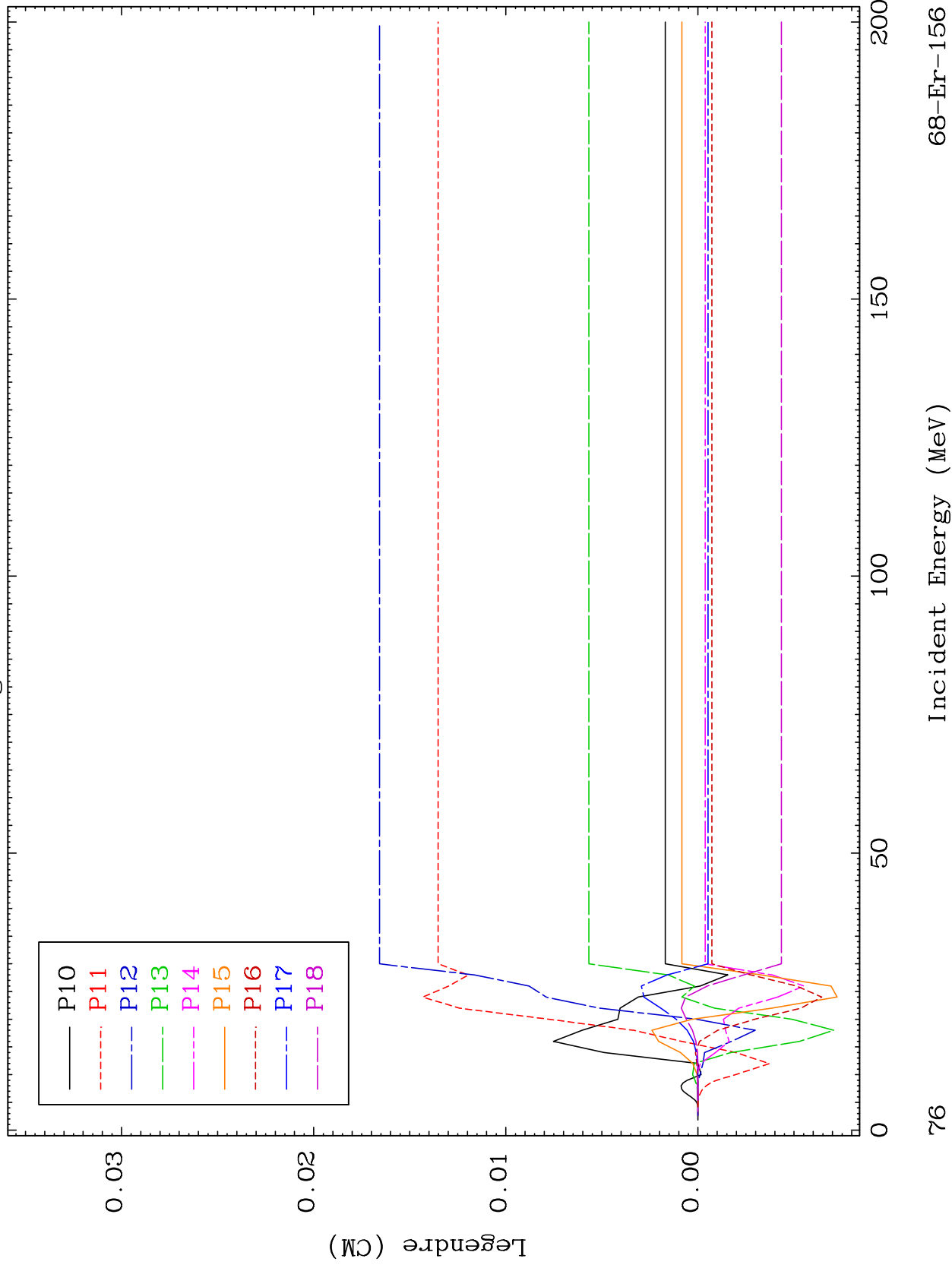
Incident Energy (MeV)

75

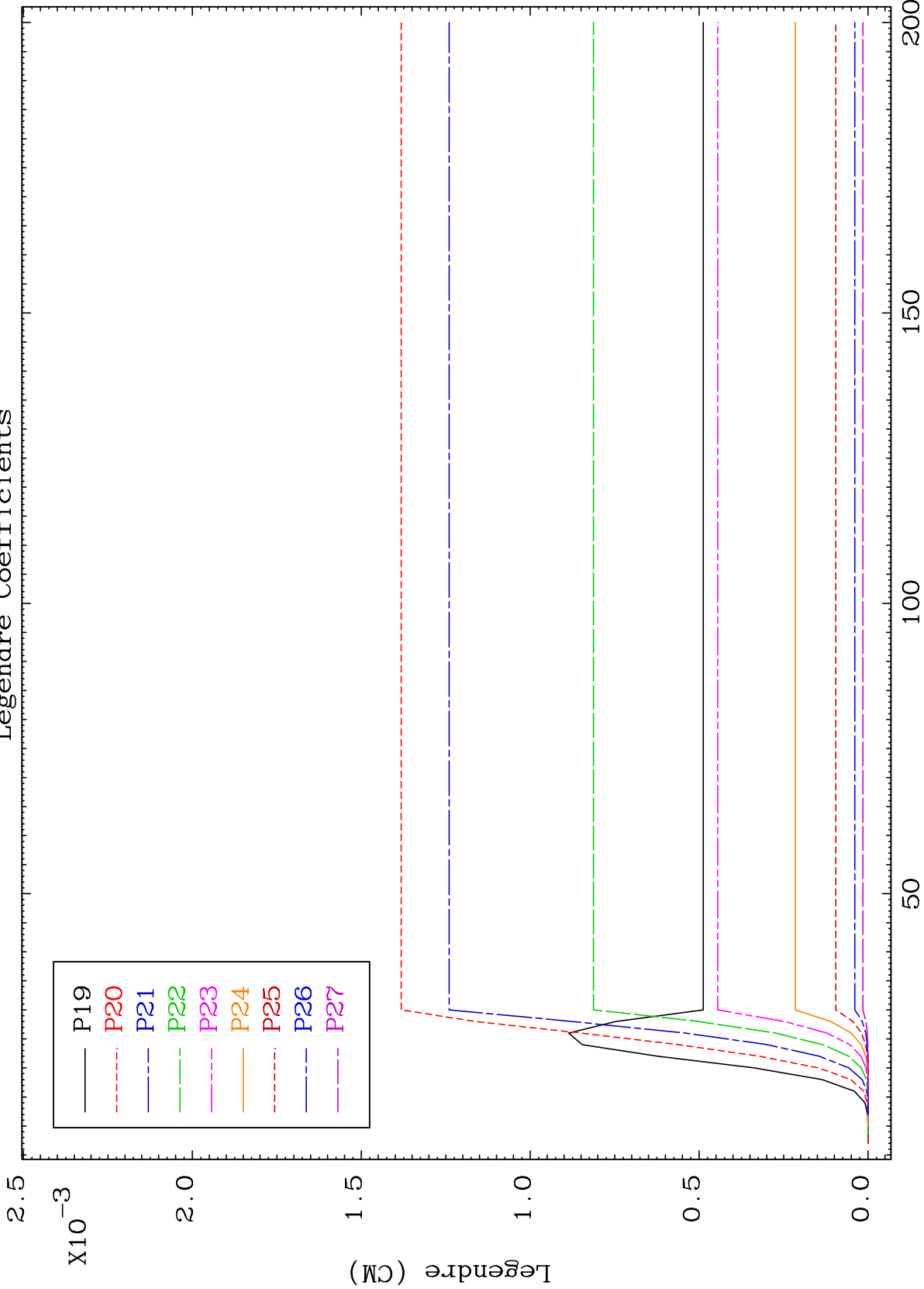
MAT 6807

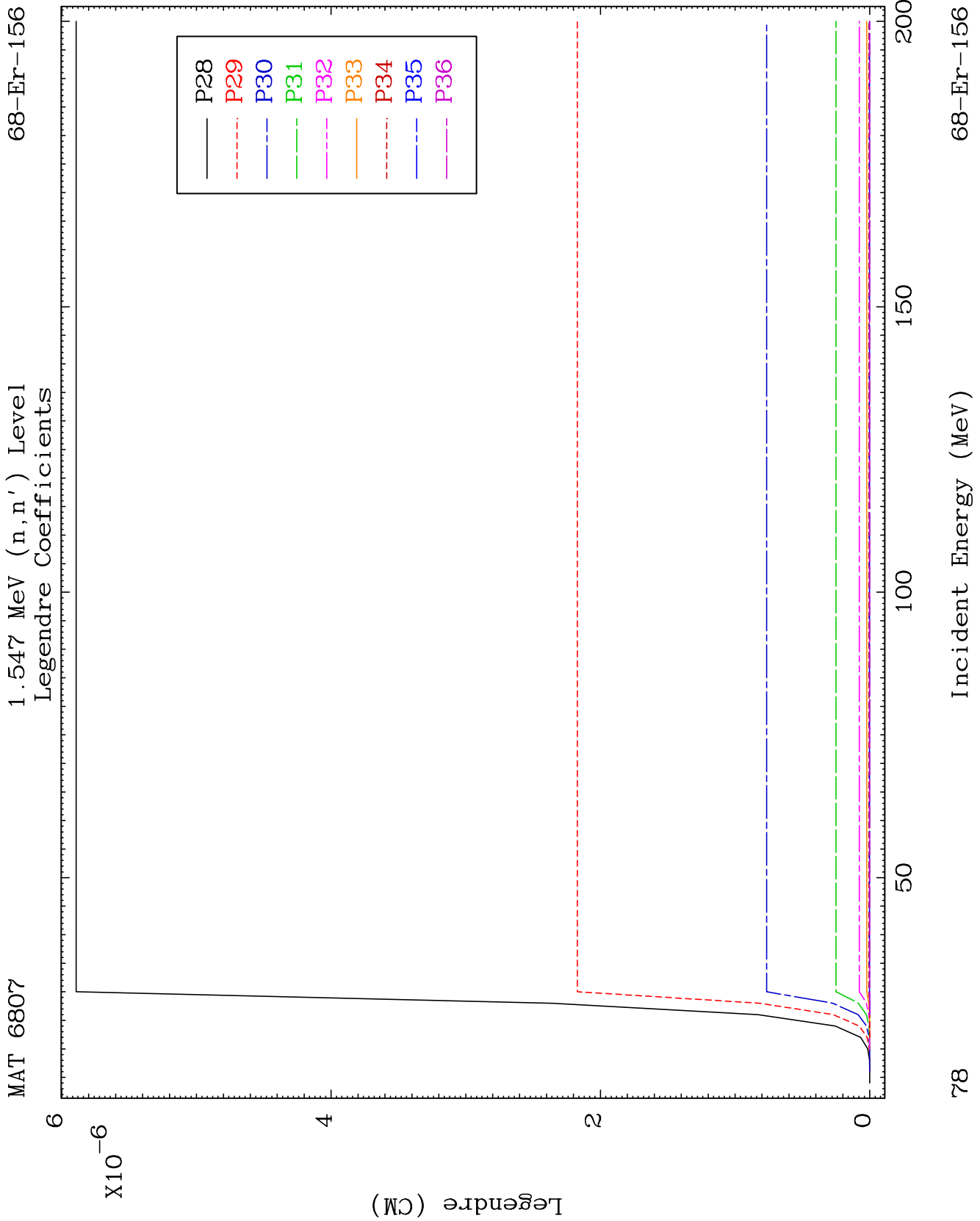
1.547 MeV (n, n') Level
Legendre Coefficients

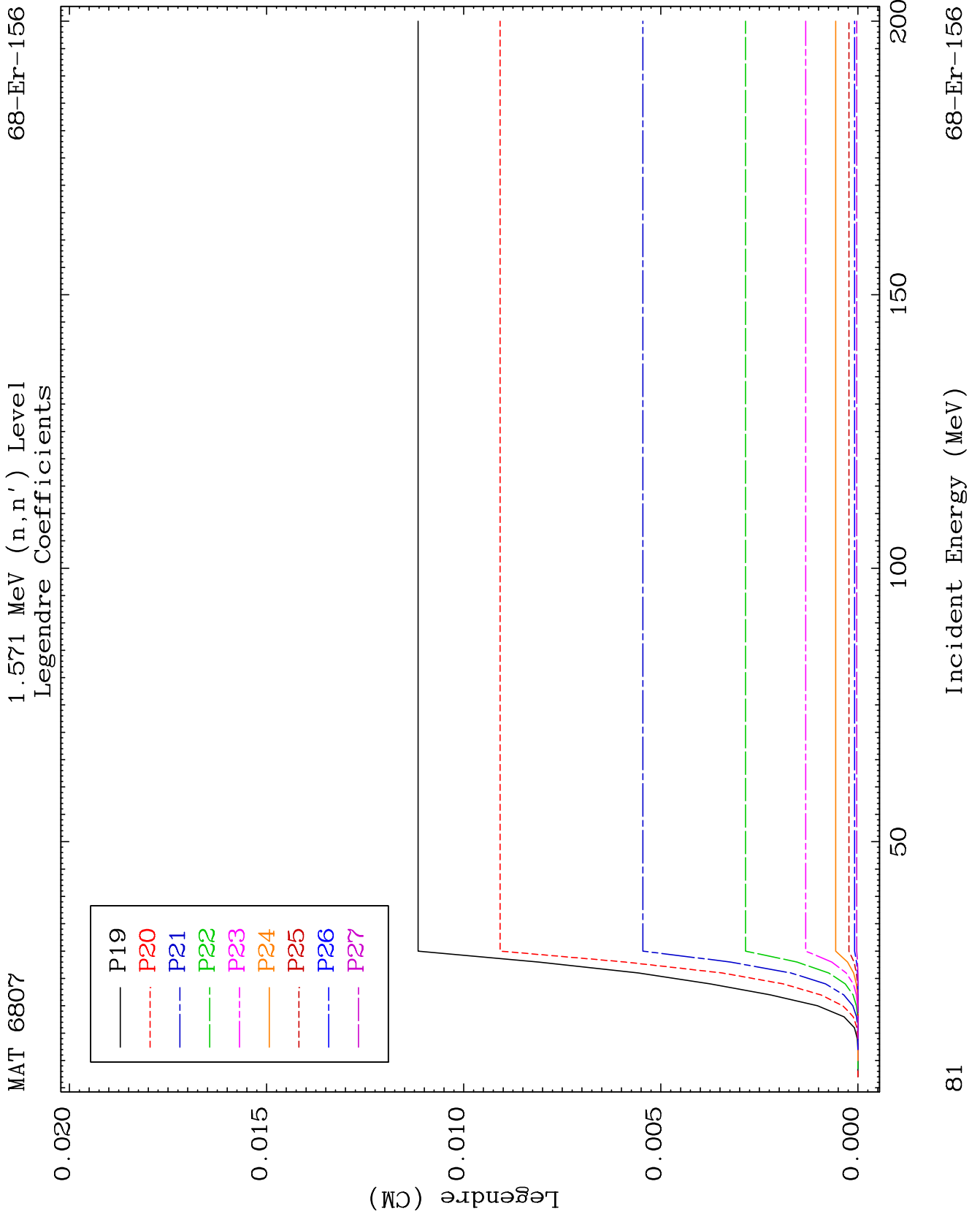
68-Er-156

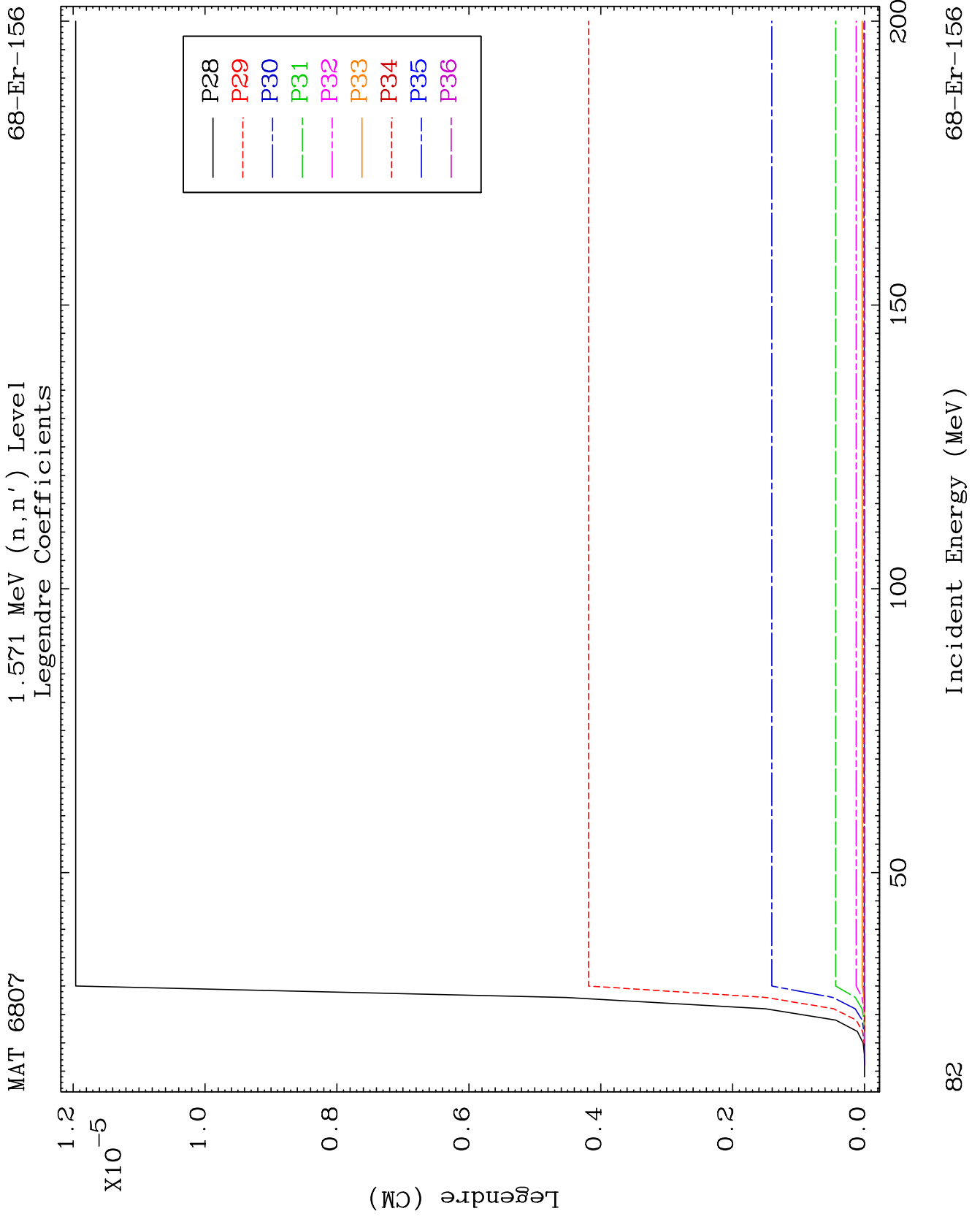


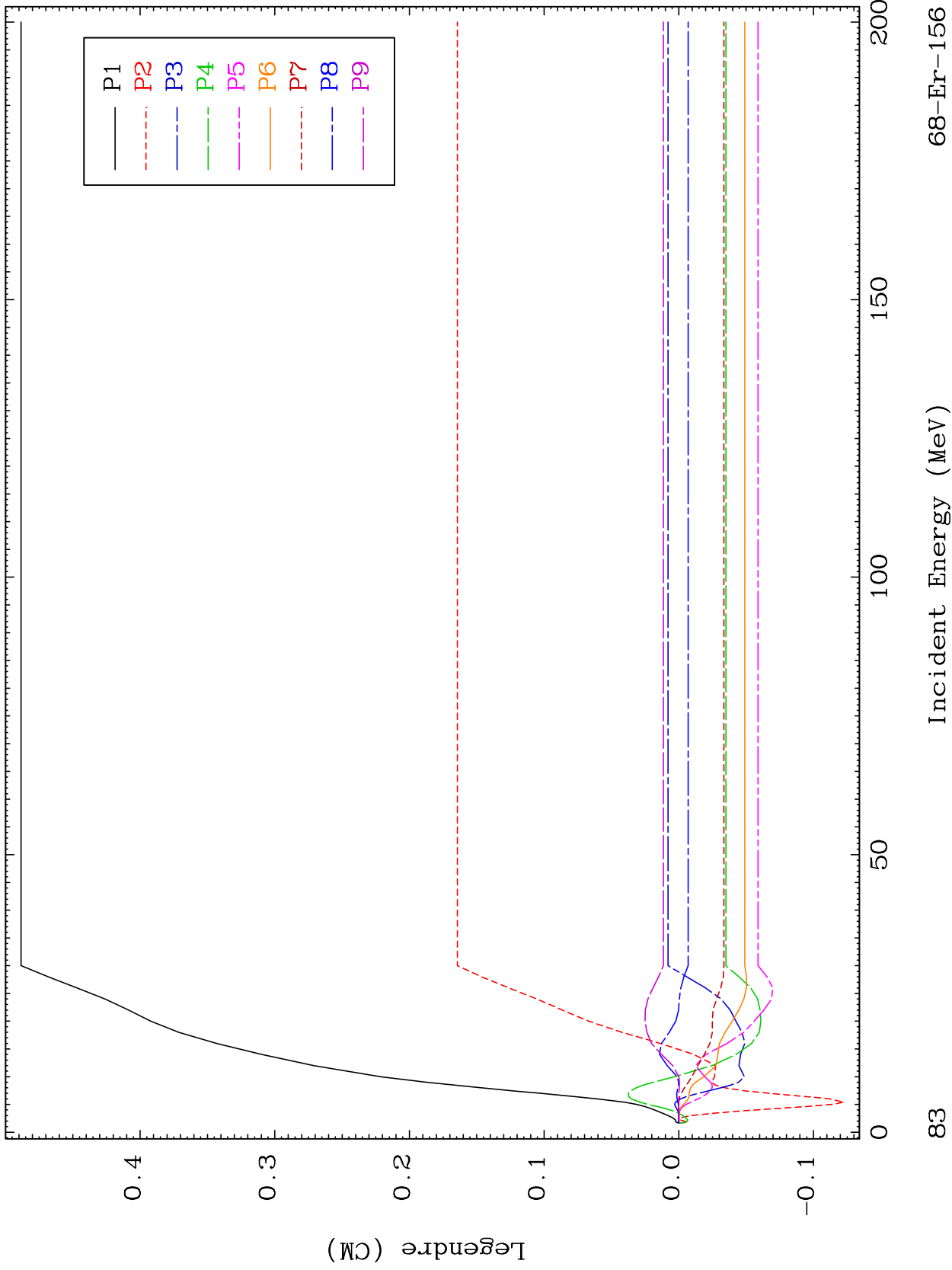
76

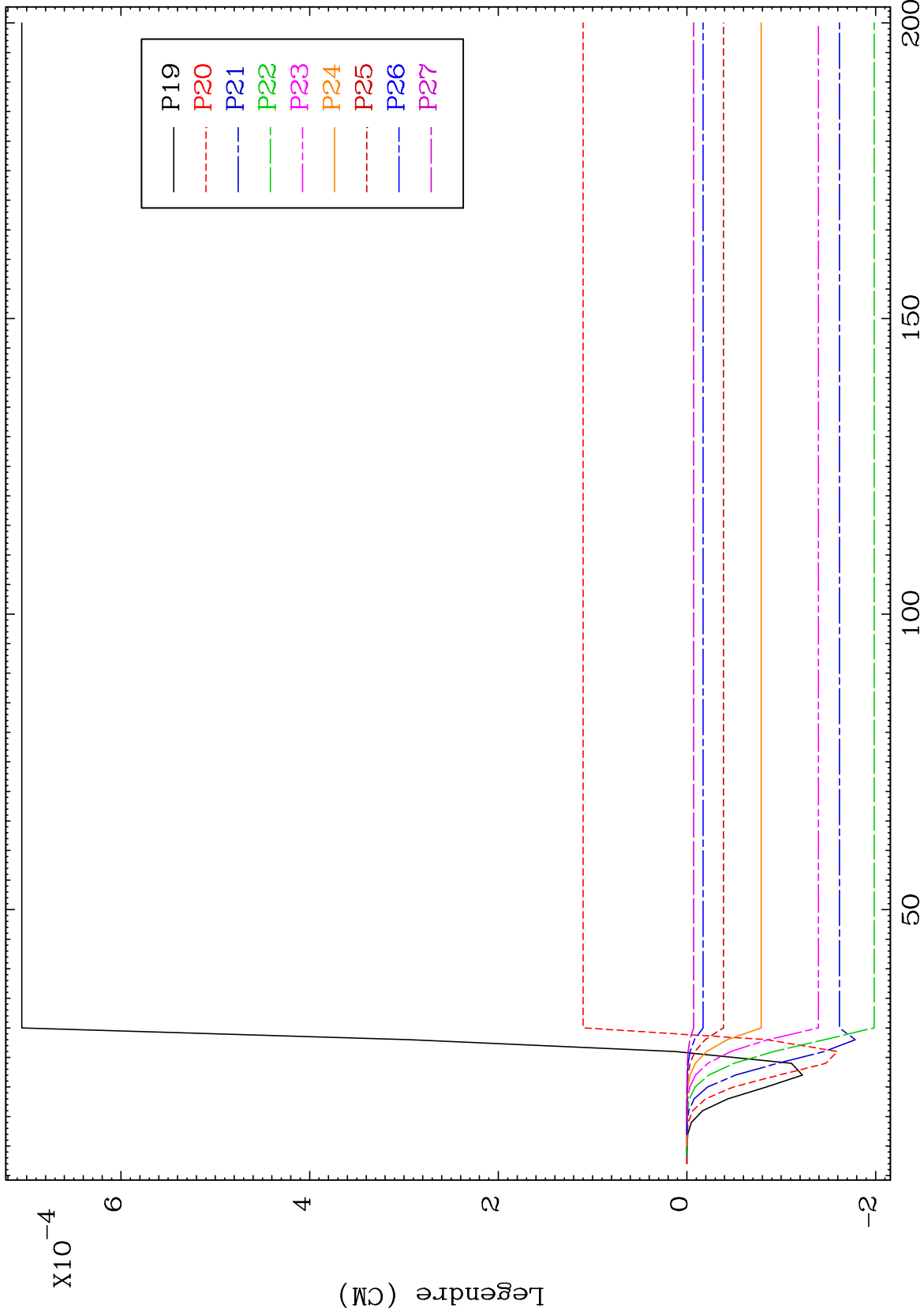


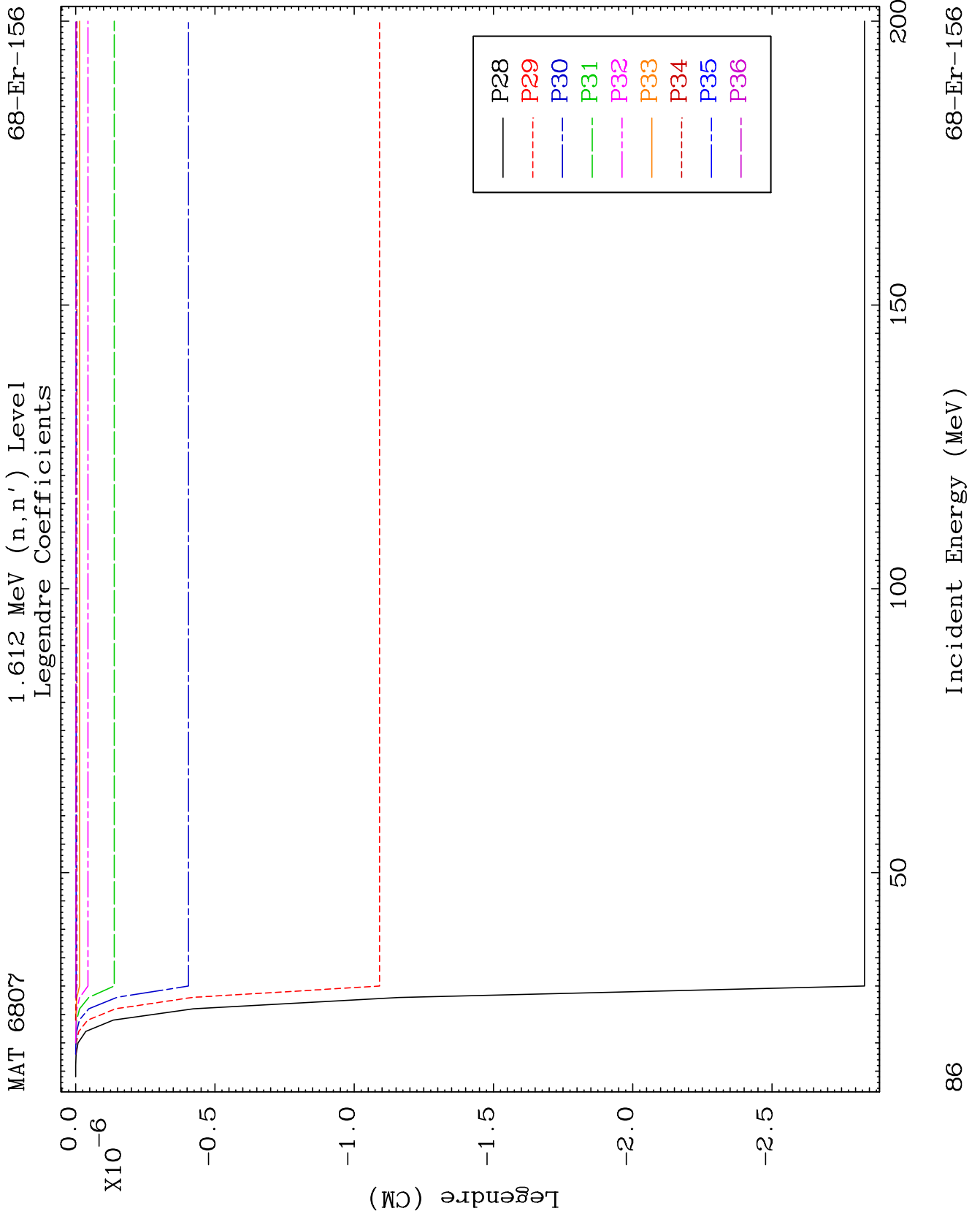


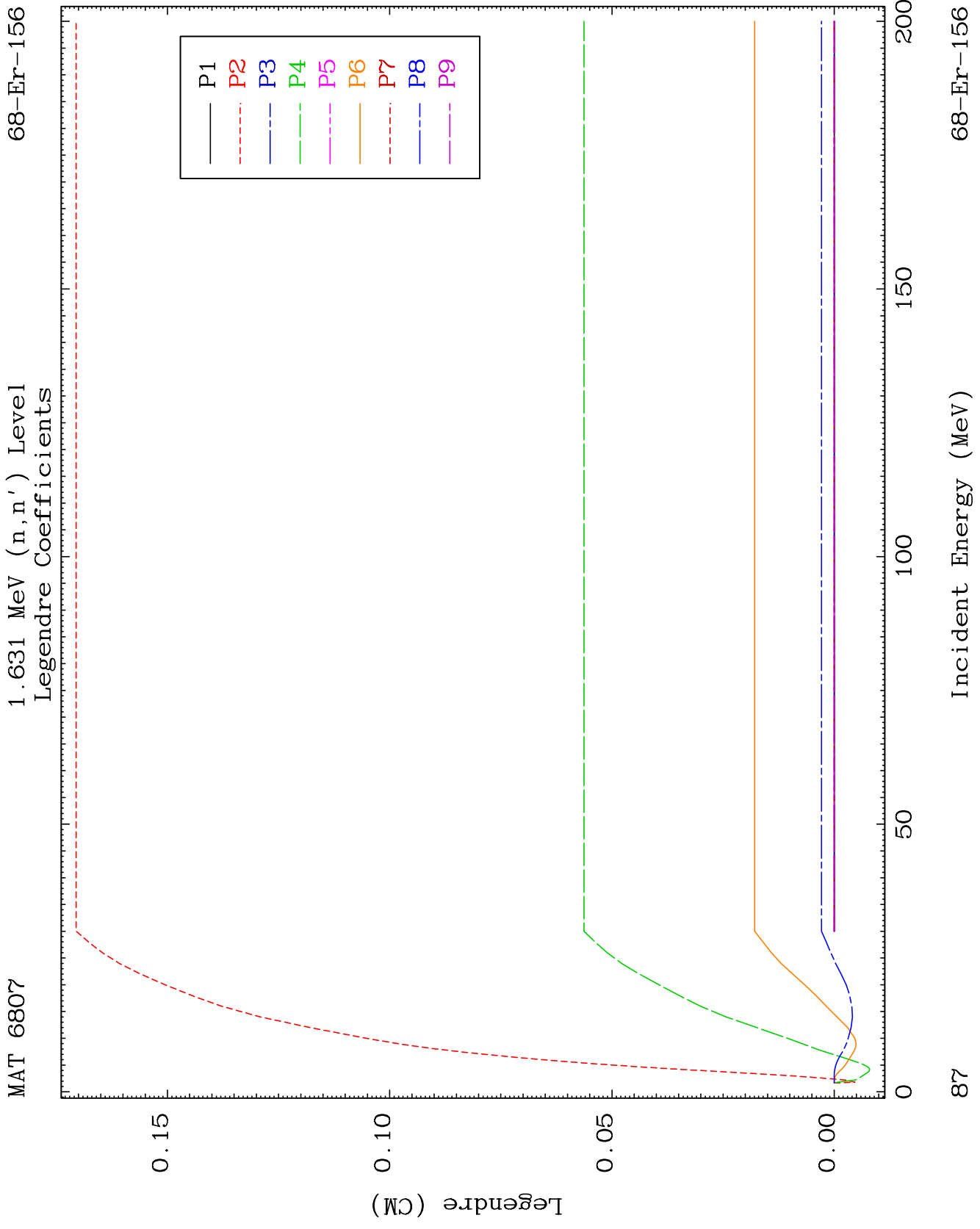


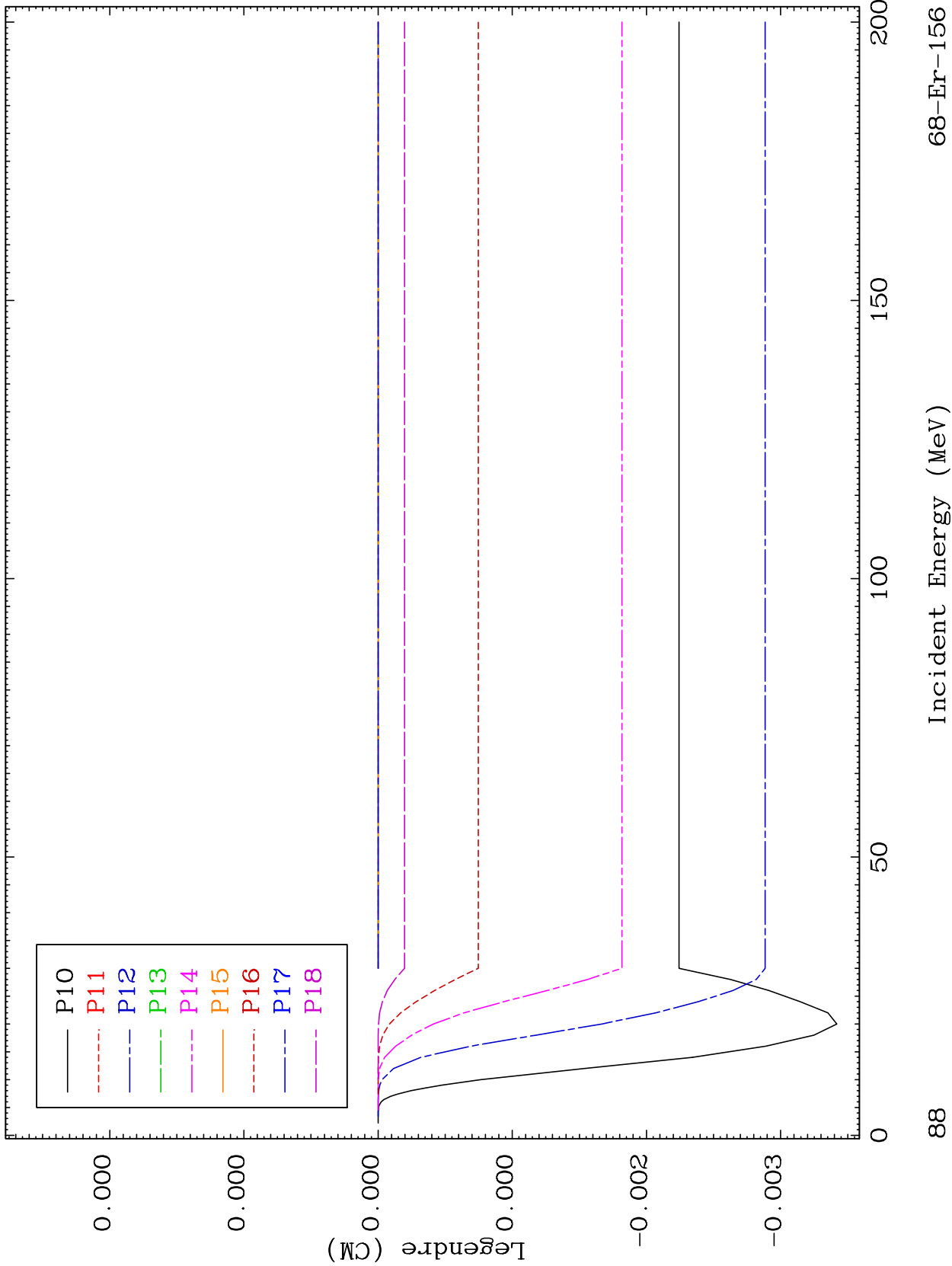


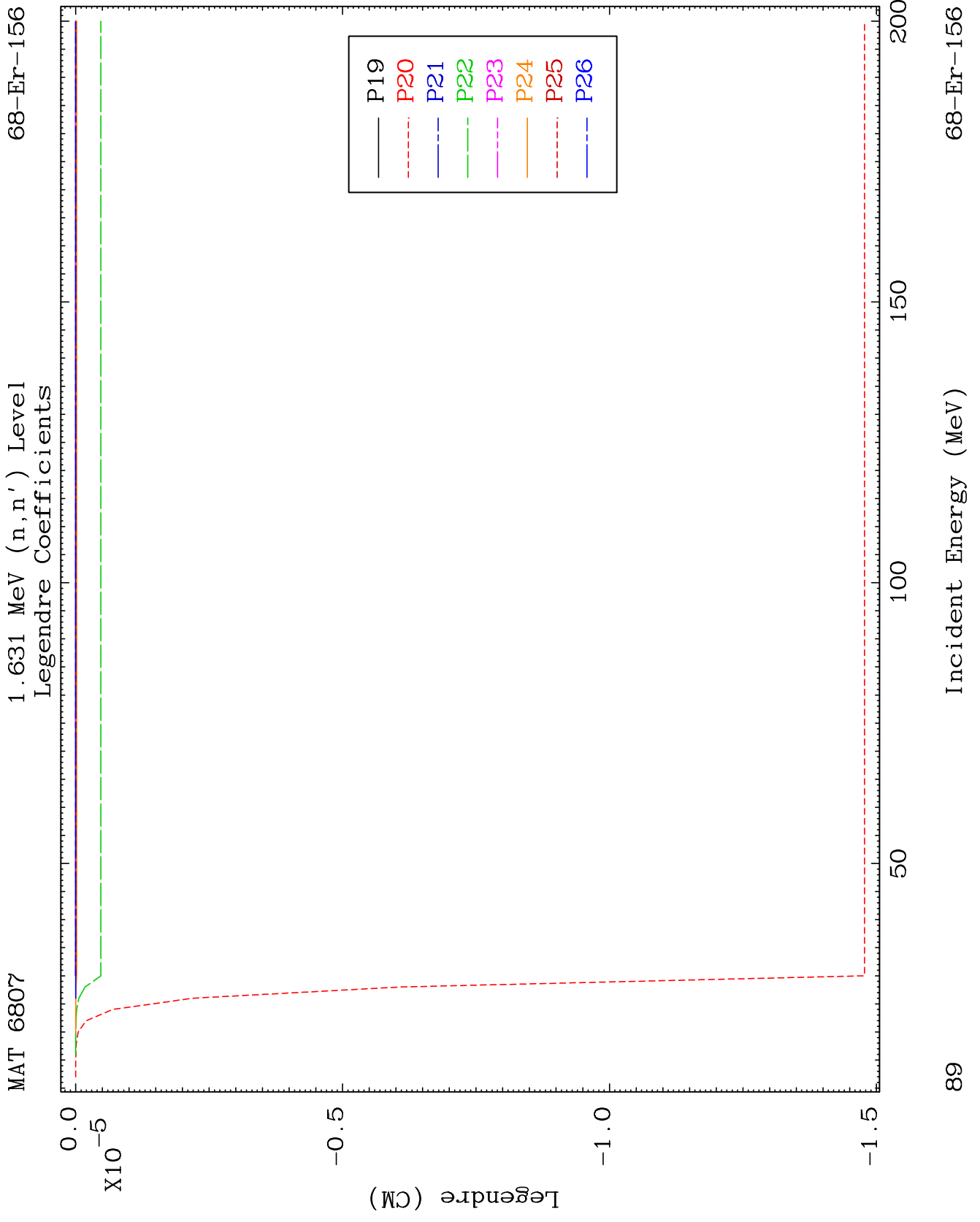








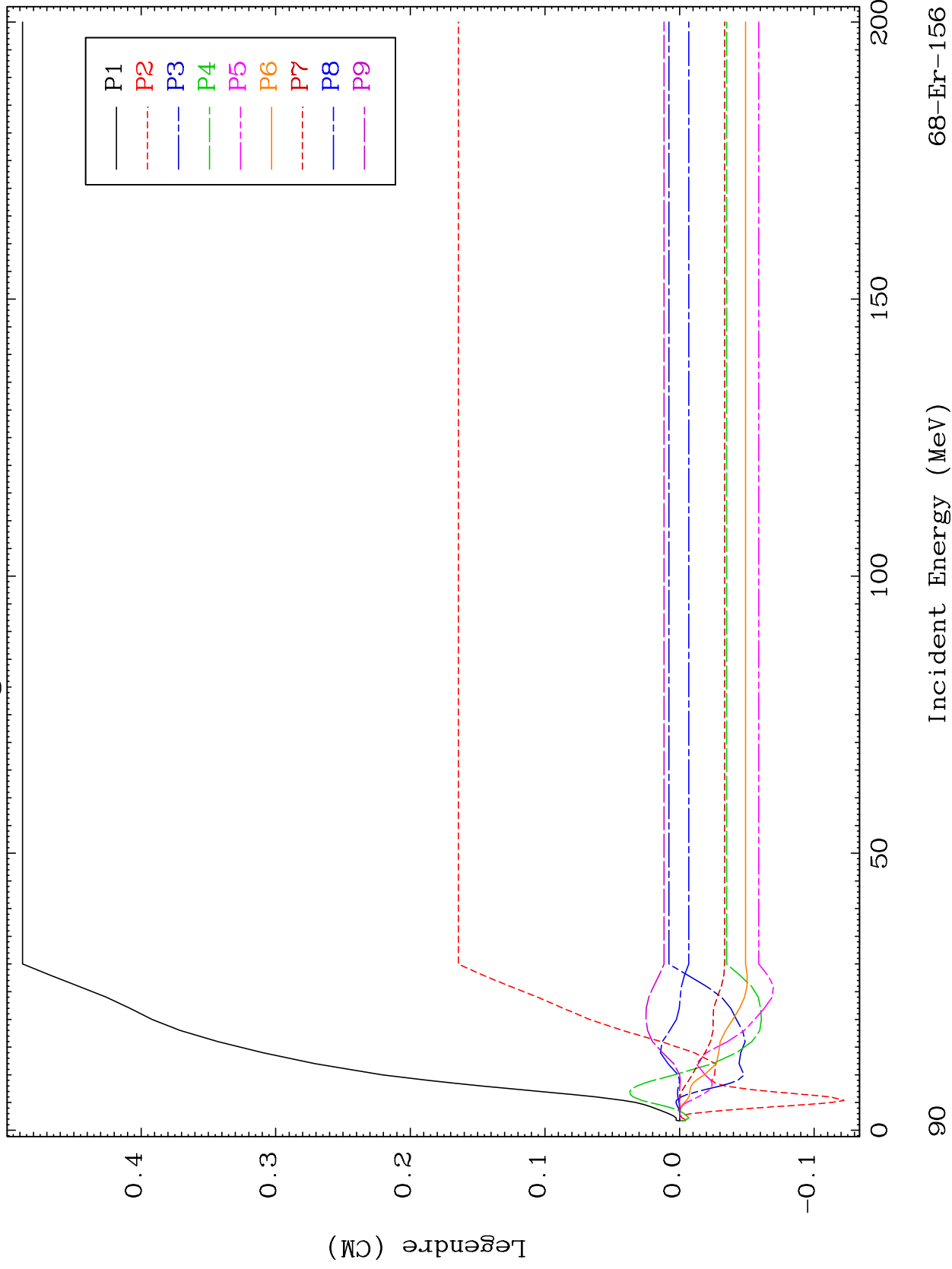




MAT 6807

1.663 MeV (n,n') Level
Legendre Coefficients

68-Er-156



68-Er-156

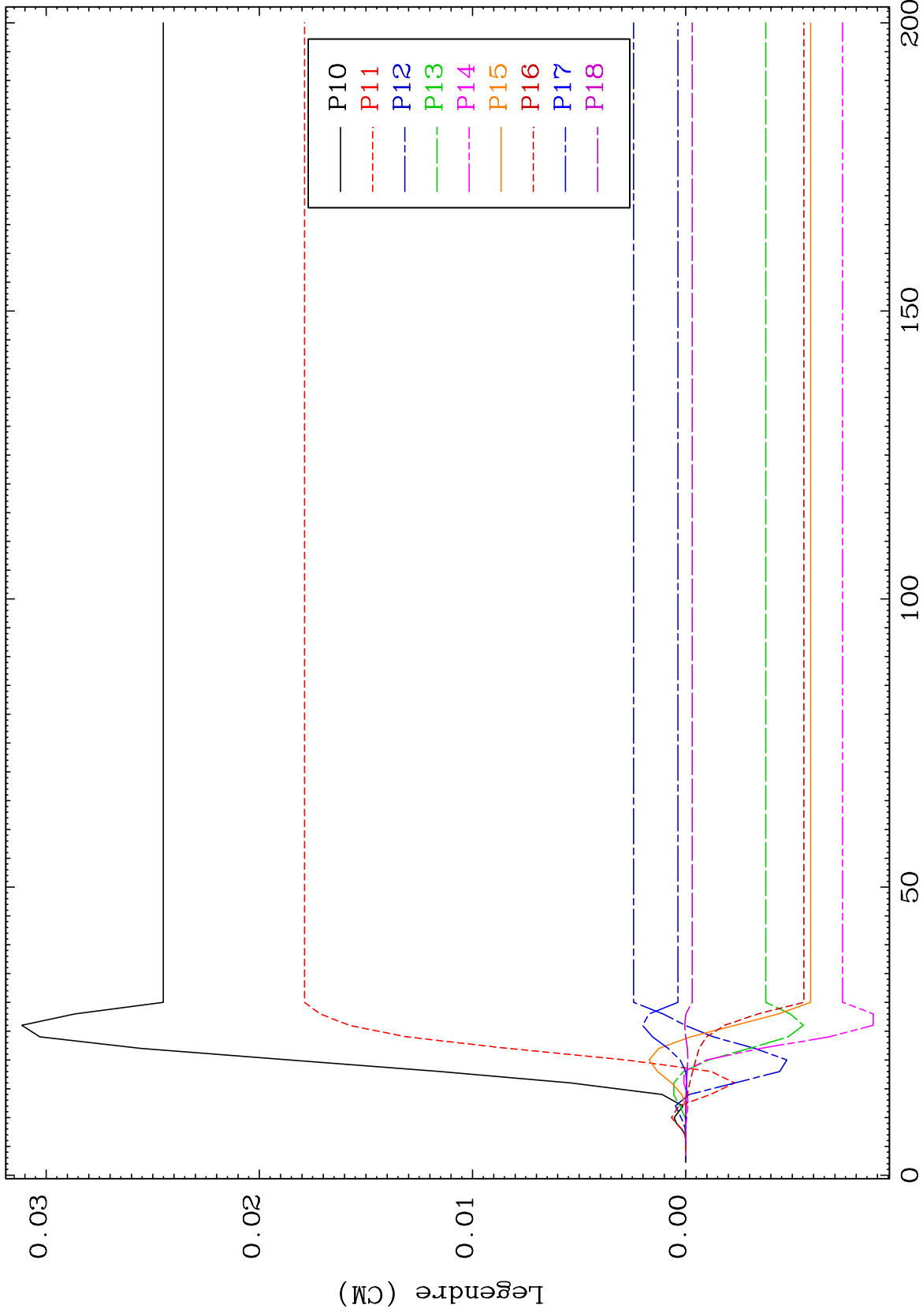
Incident Energy (MeV)

90

MAT 6807

1.663 MeV (n,n') Level
Legendre Coefficients

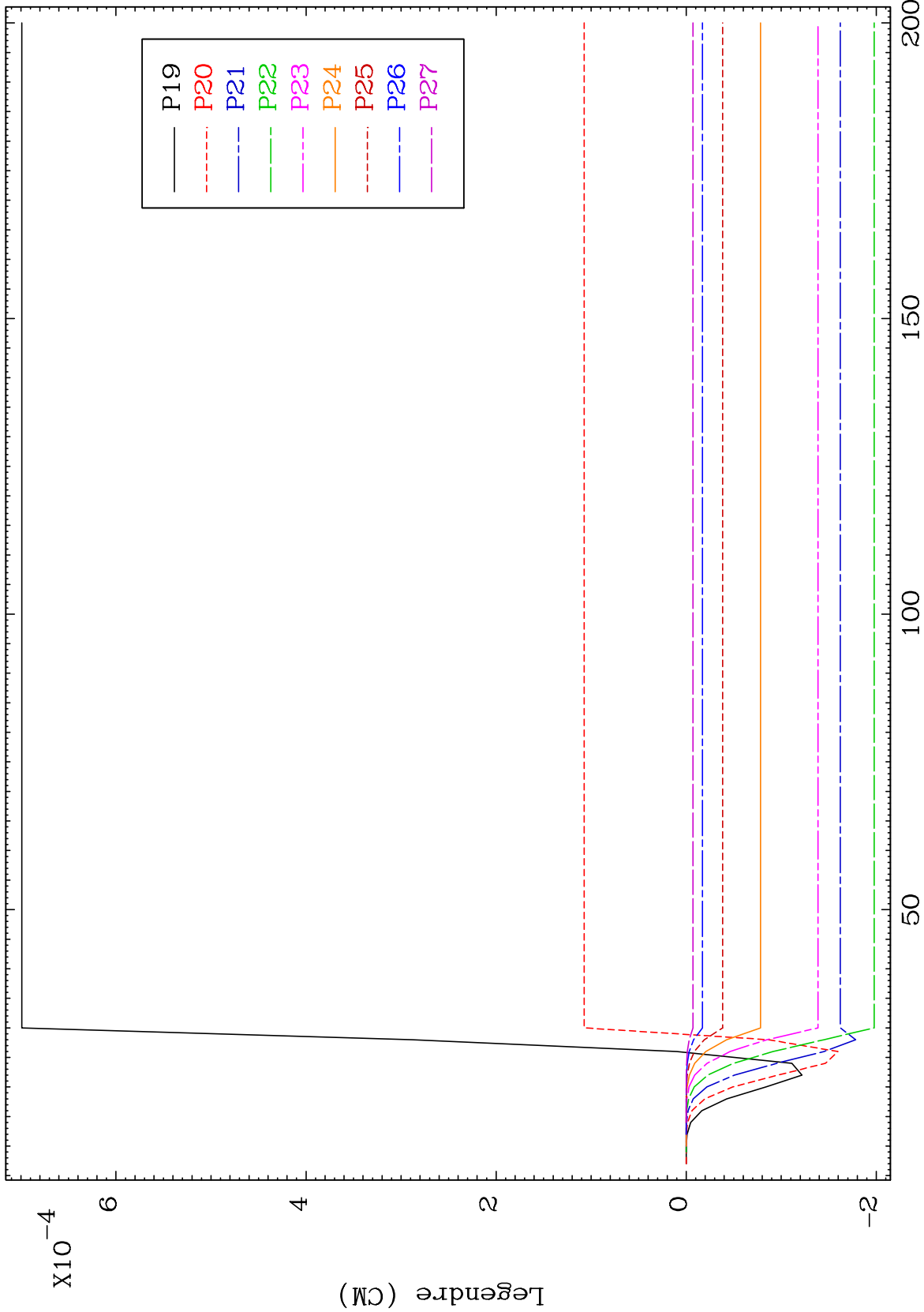
68-Er-156

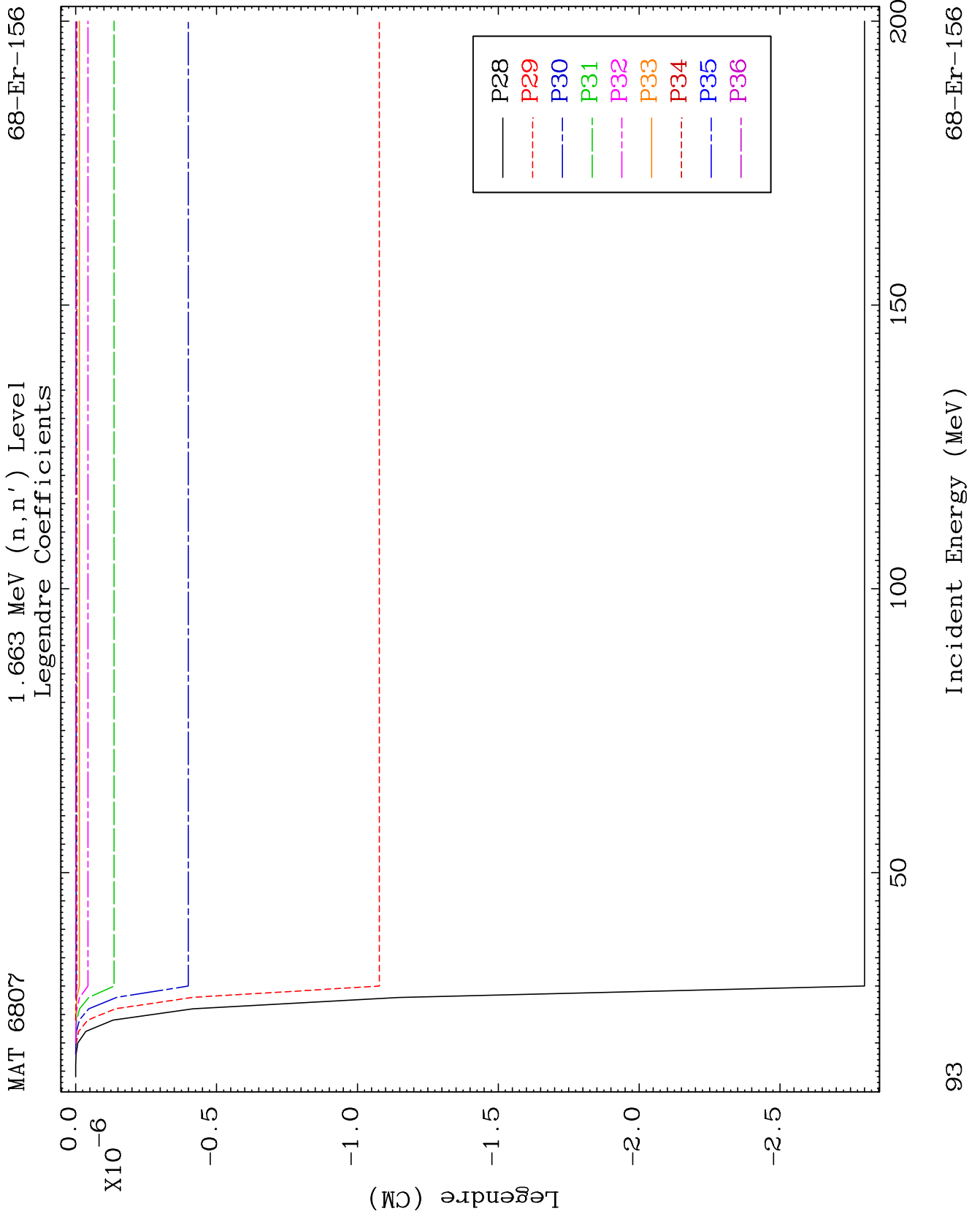


91

Incident Energy (MeV)

68-Er-156

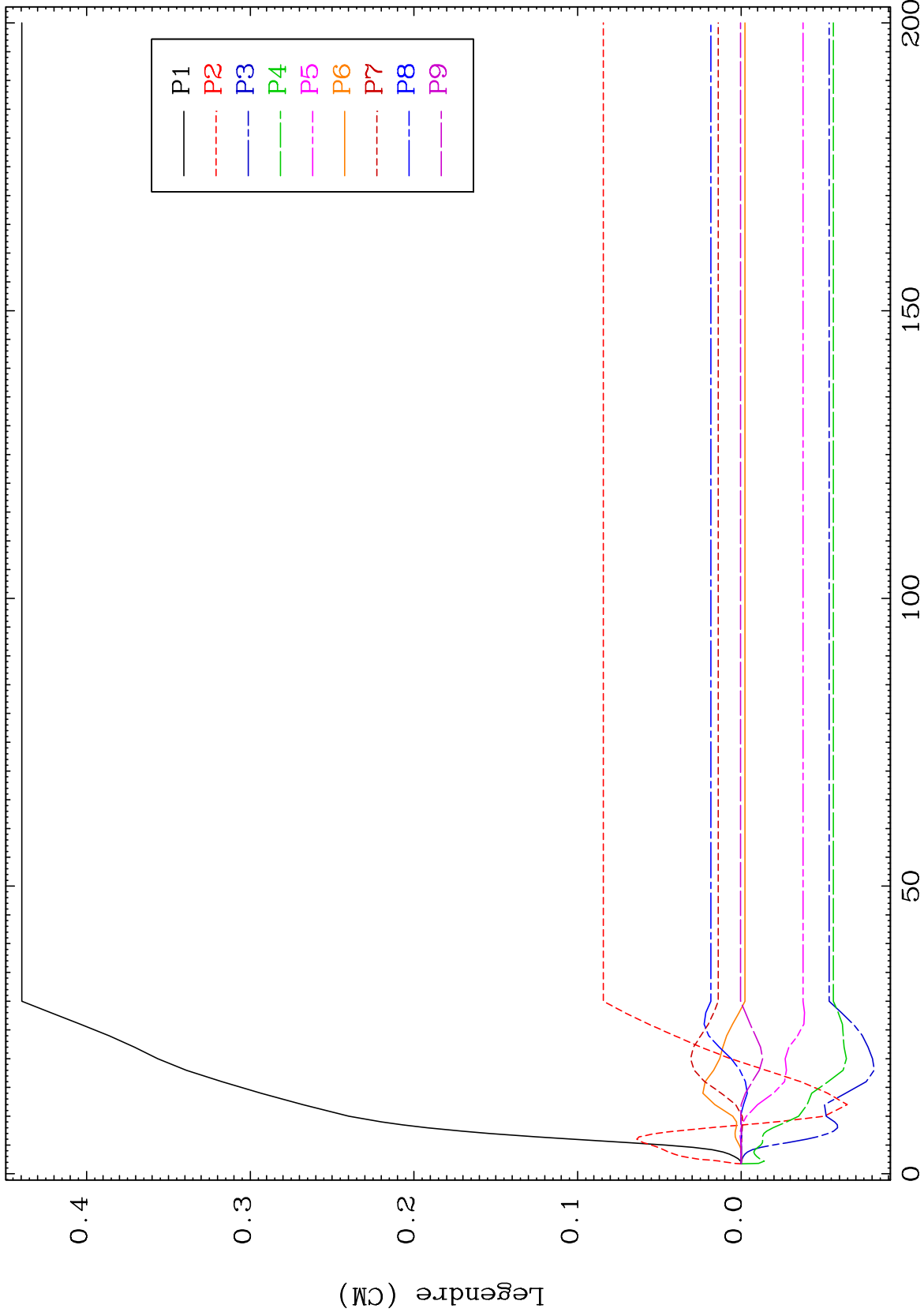




MAT 6807

1.711 MeV (n,n') Level
Legendre Coefficients

68-Er-156



94

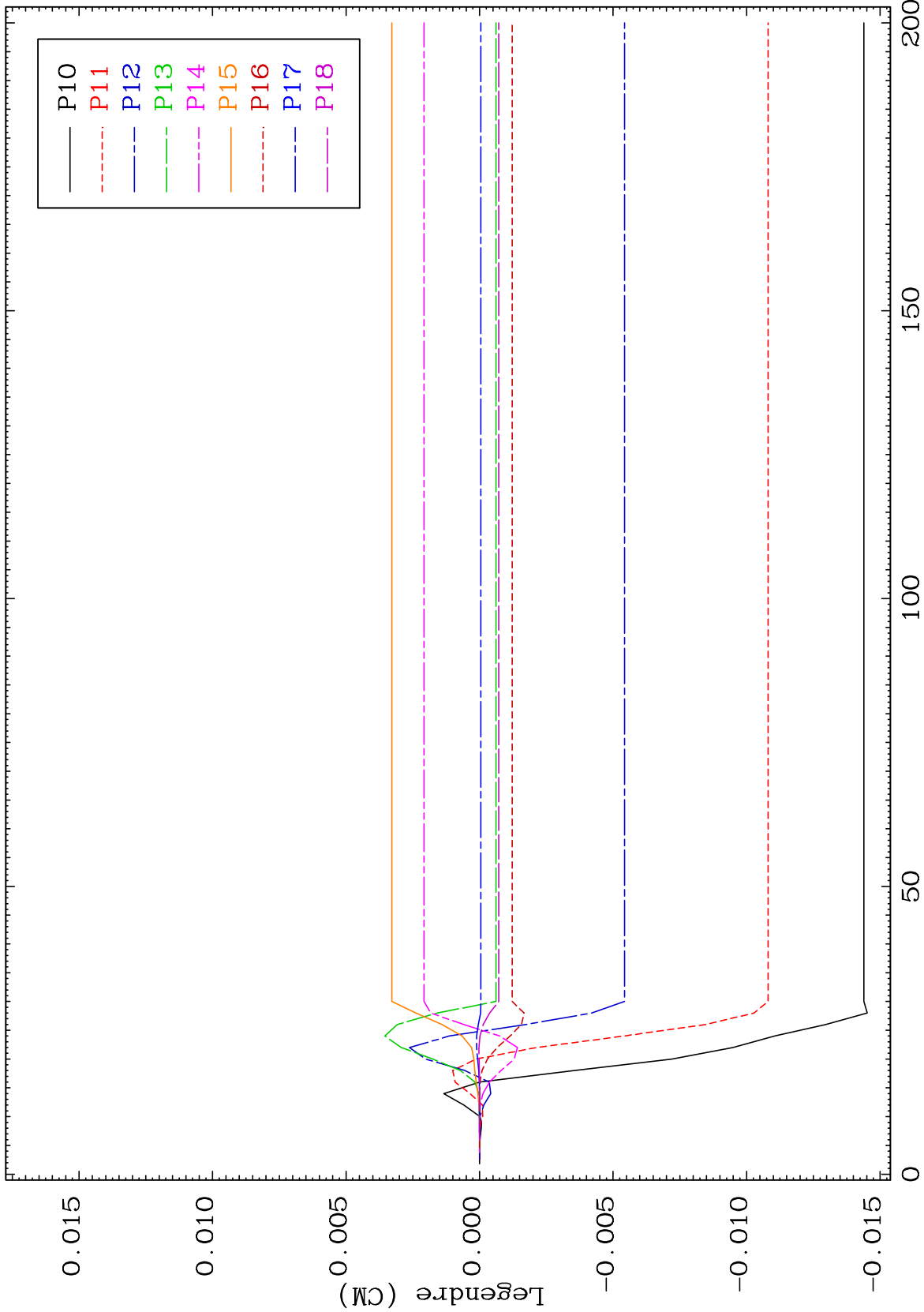
Incident Energy (MeV)

68-Er-156

MAT 6807

1.711 MeV (n,n') Level
Legendre Coefficients

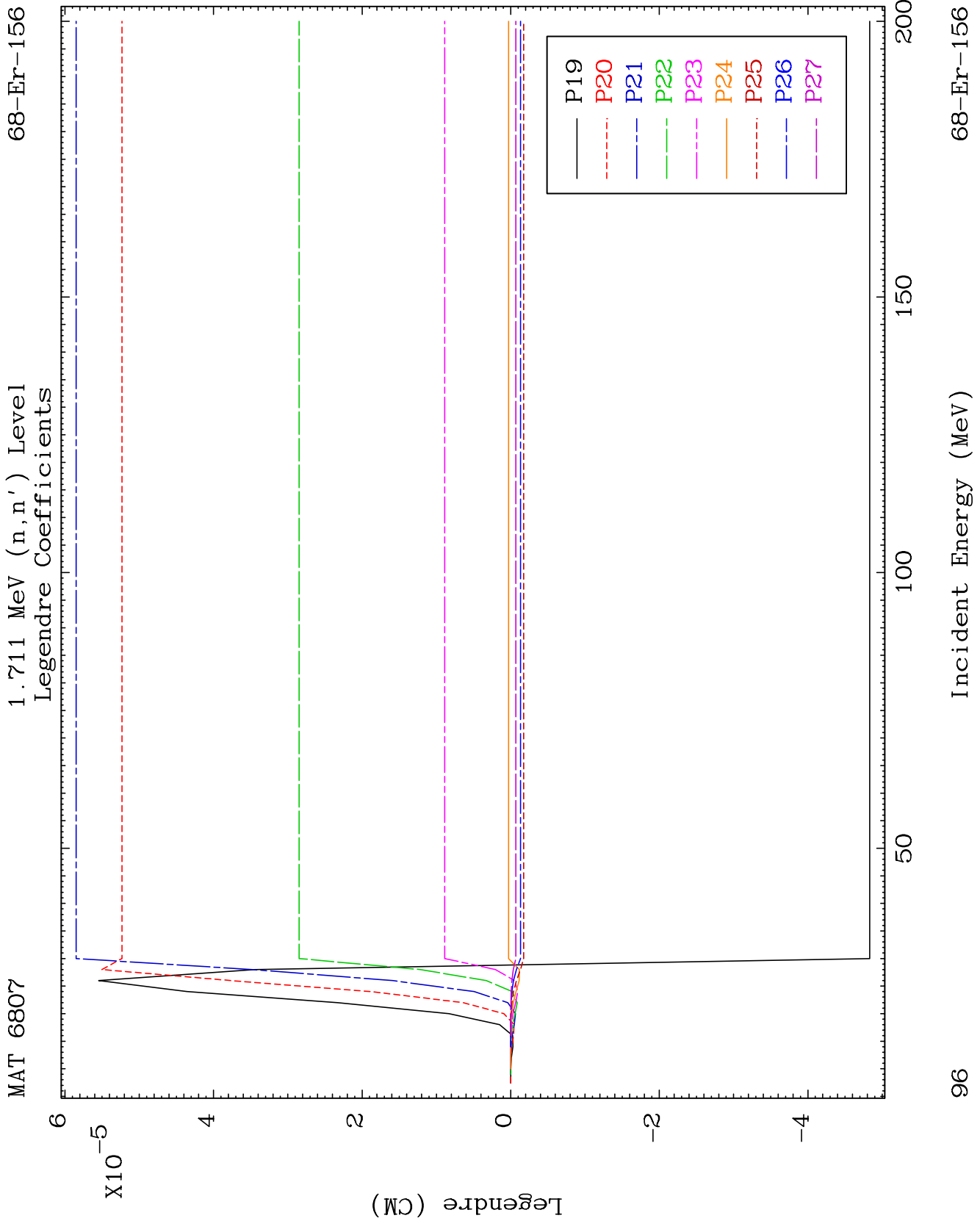
68-Er-156

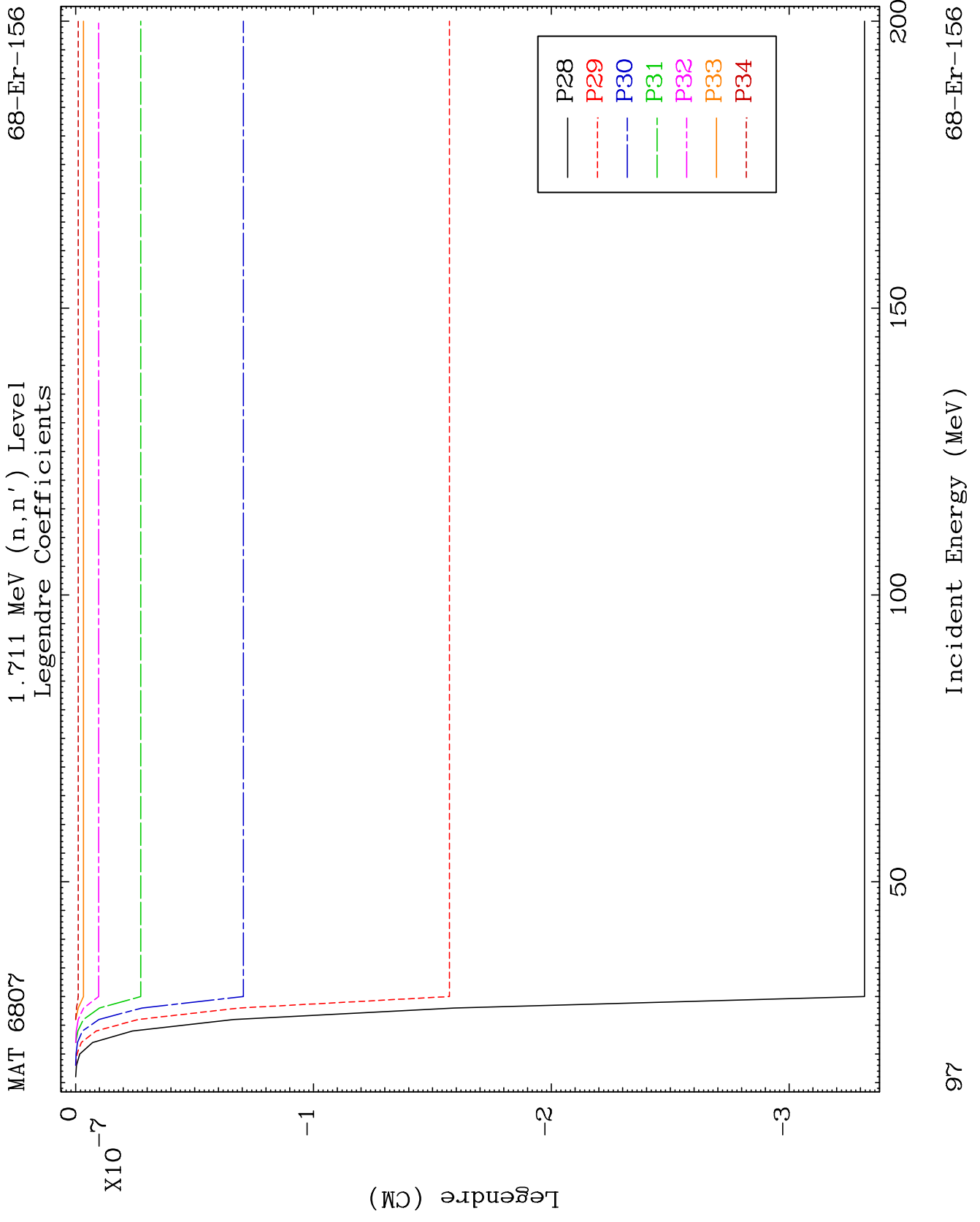


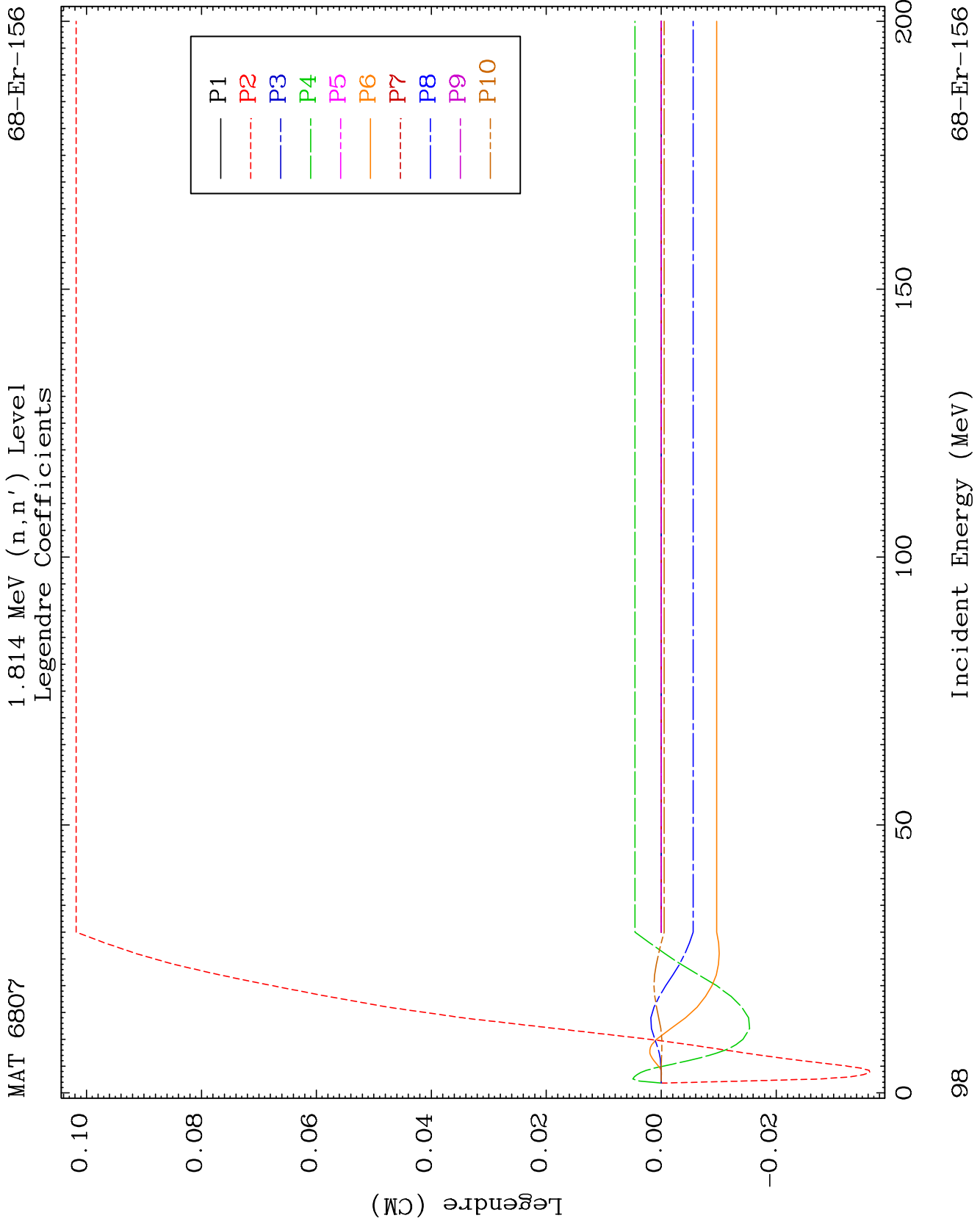
95

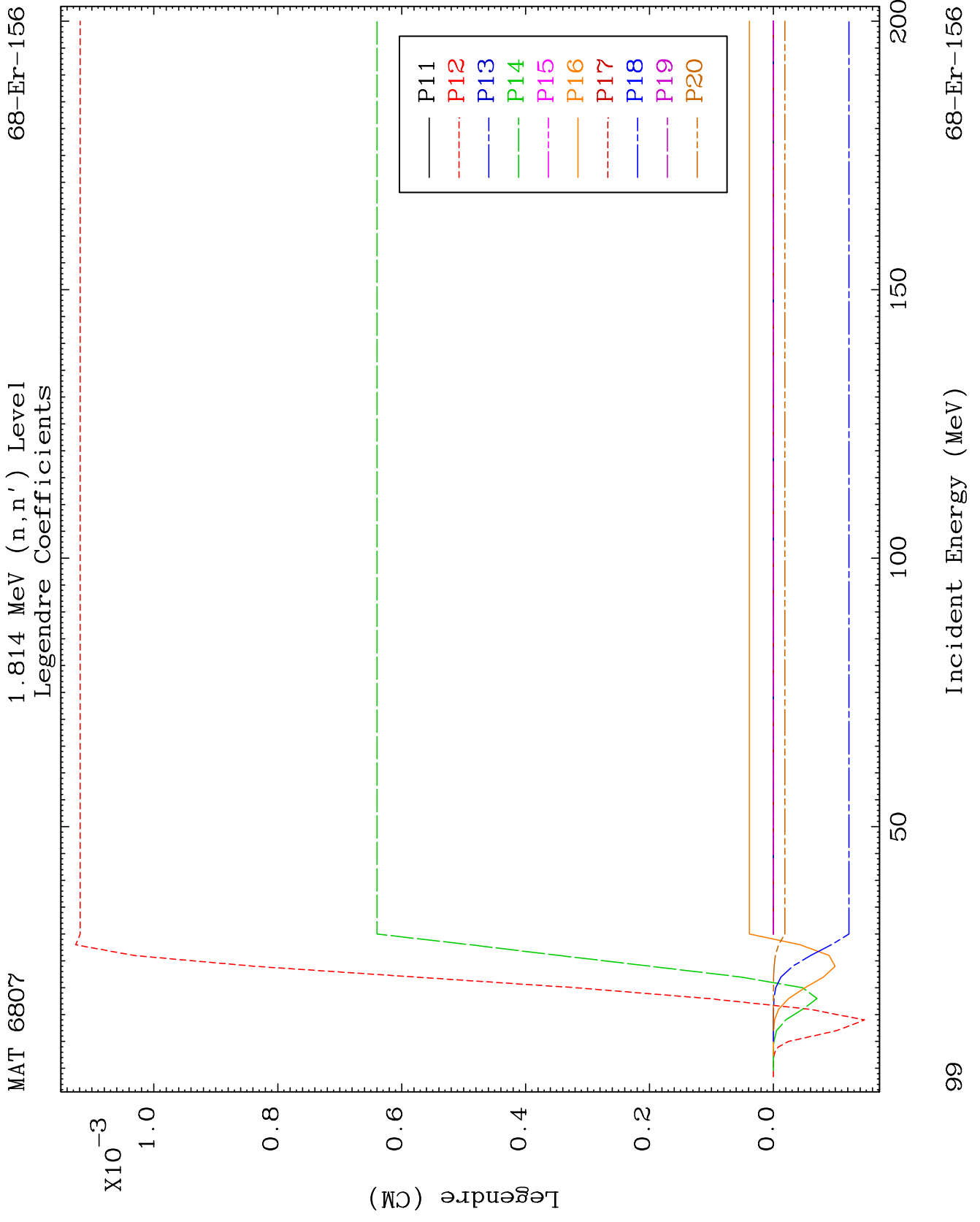
Incident Energy (MeV)

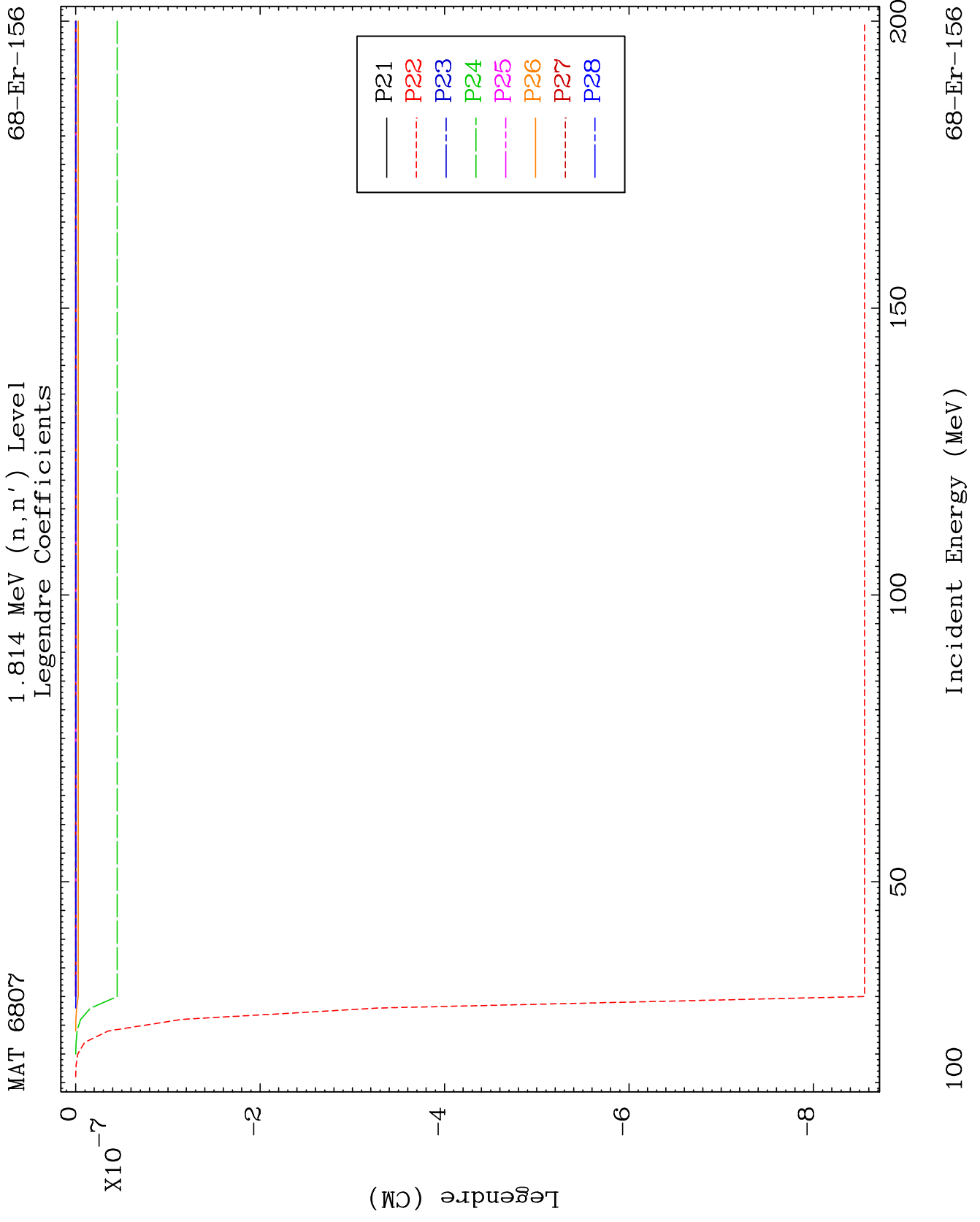
68-Er-156

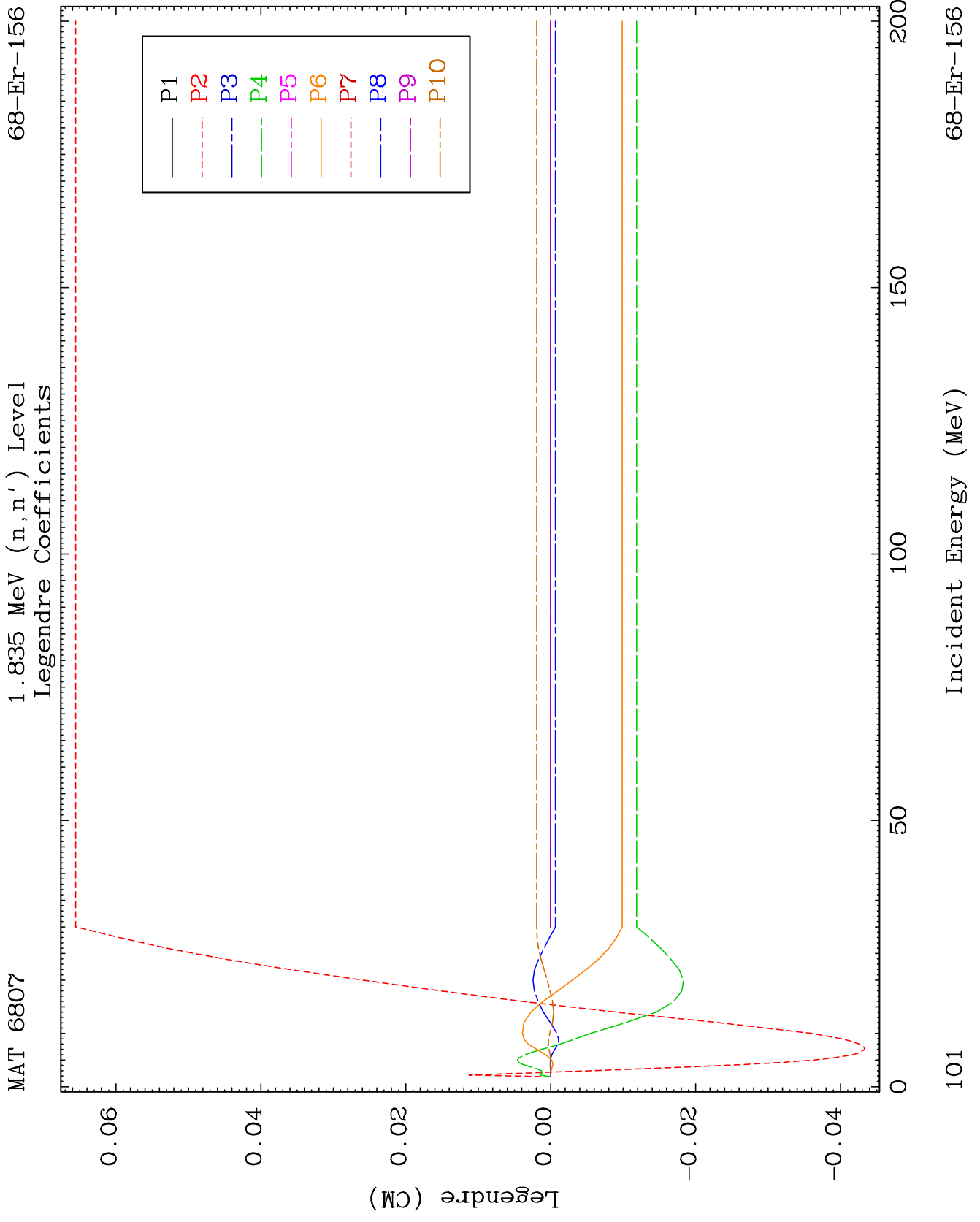


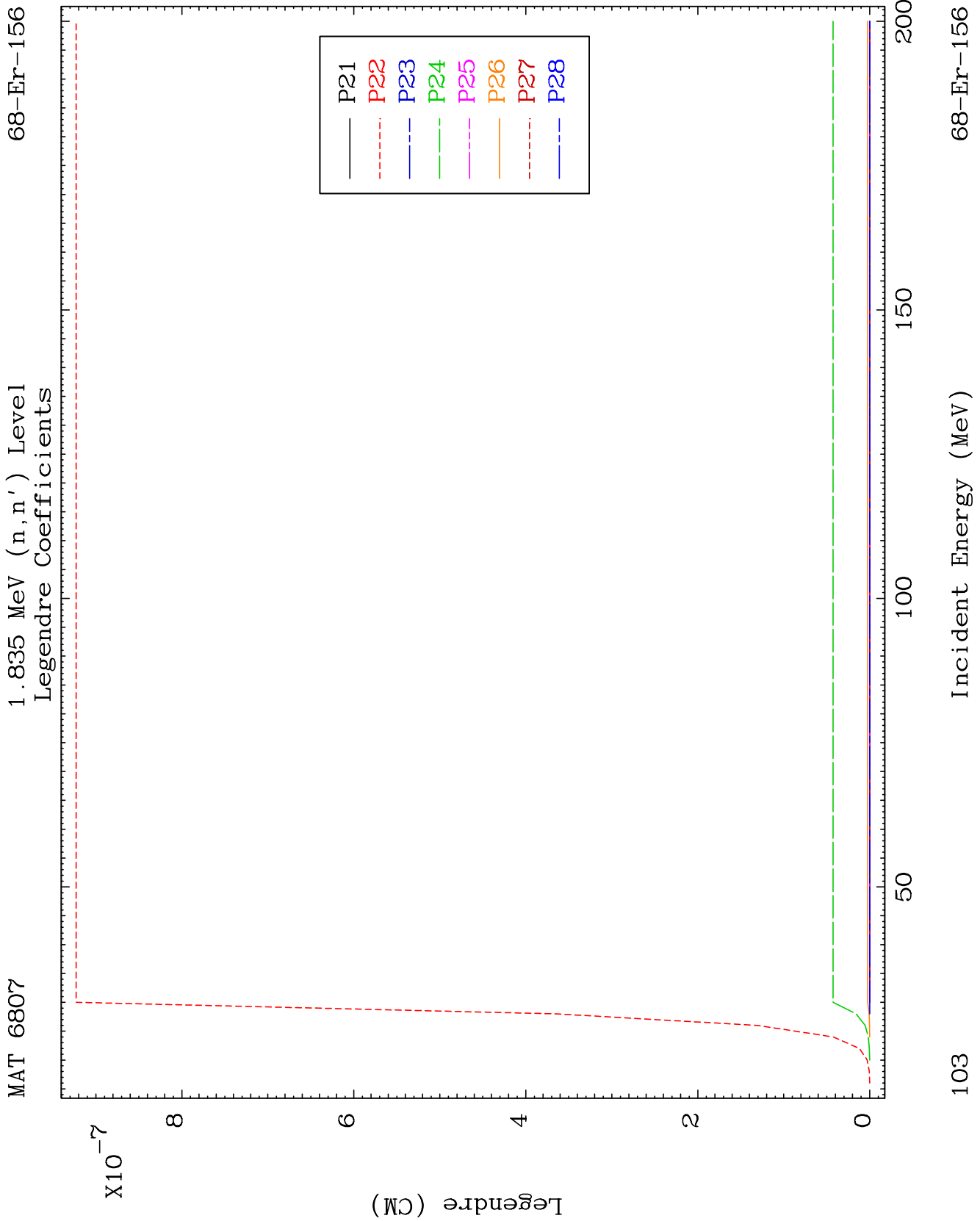


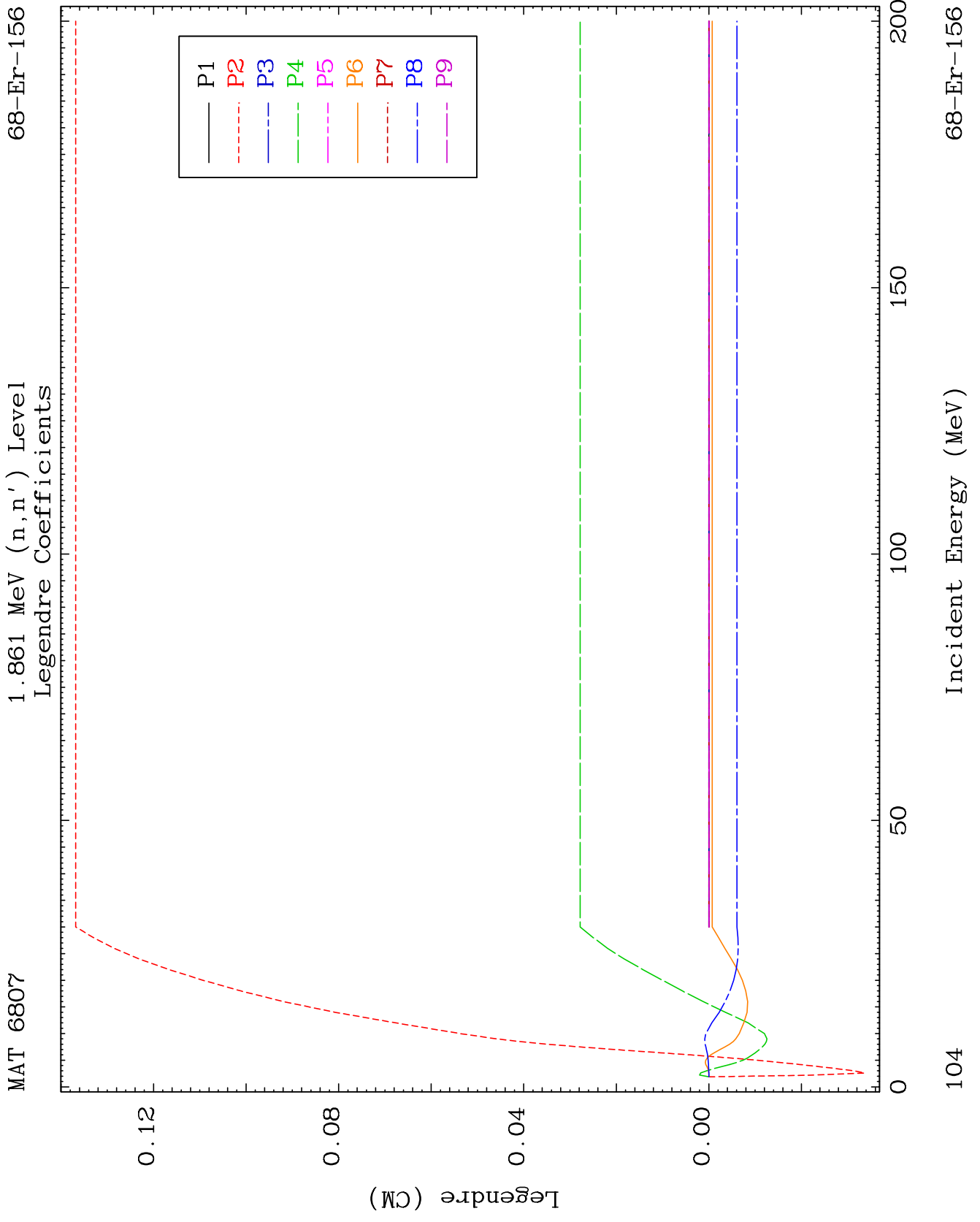








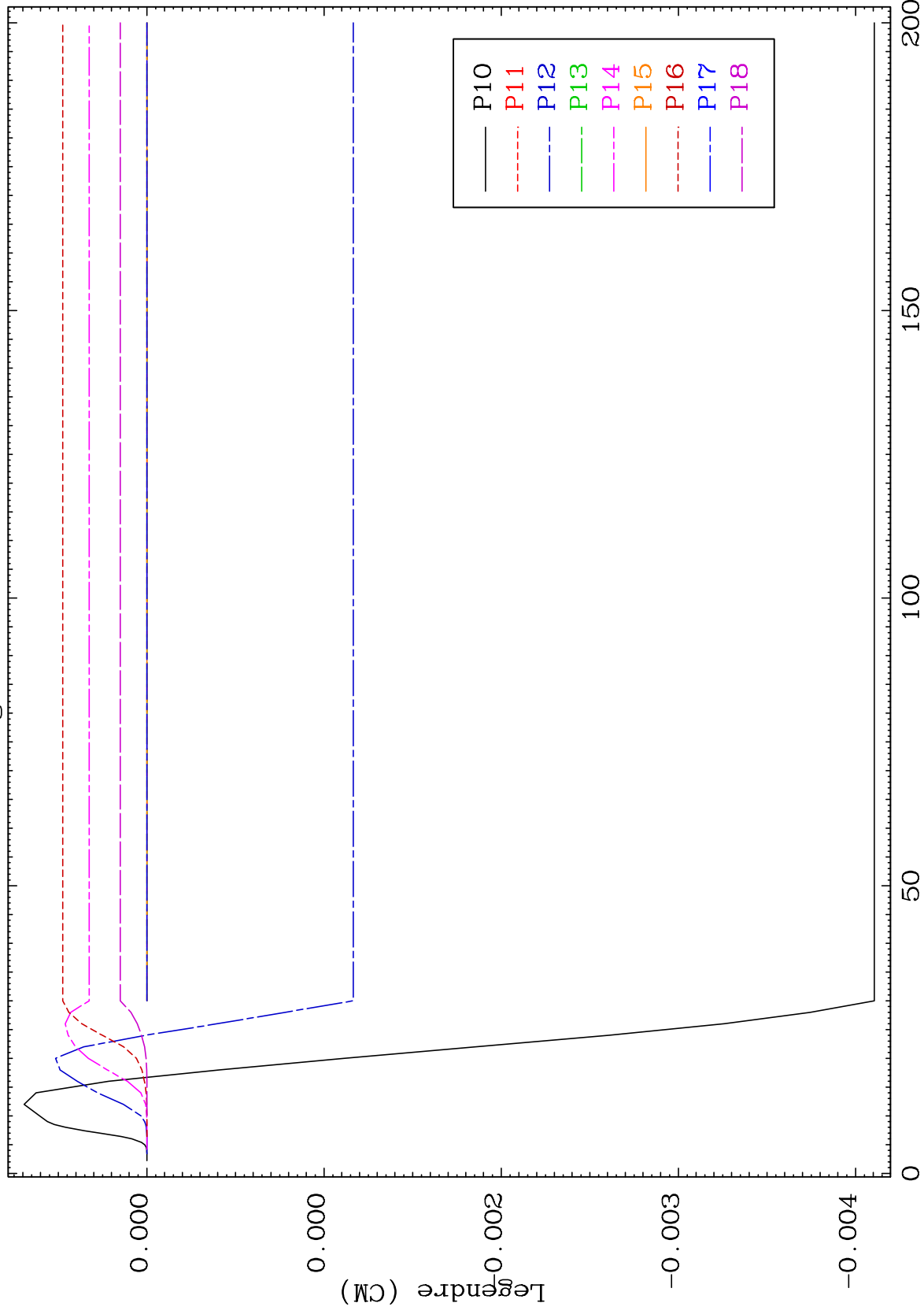




MAT 6807

1.861 MeV (n,n') Level
Legendre Coefficients

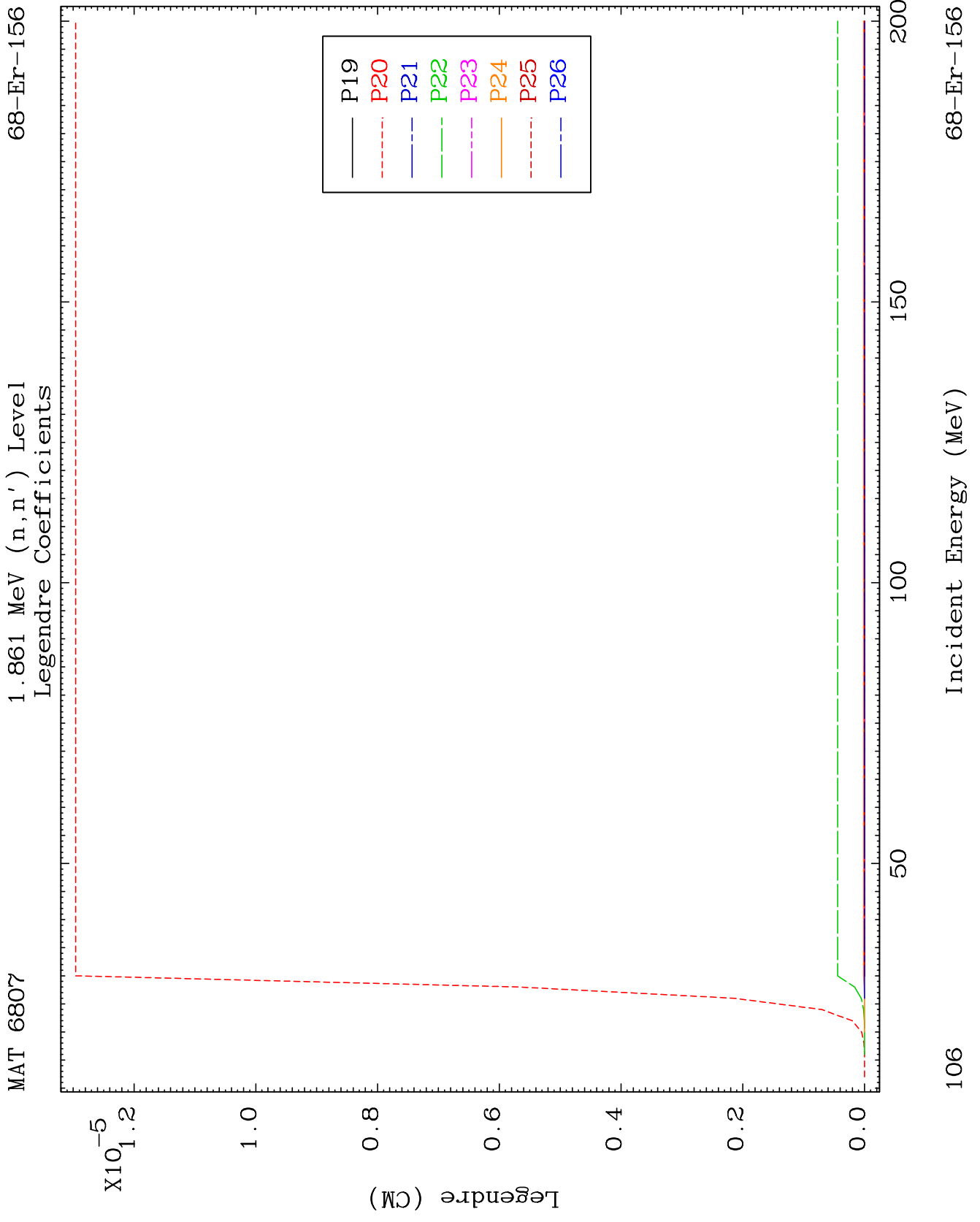
68-Er-156



105

Incident Energy (MeV)

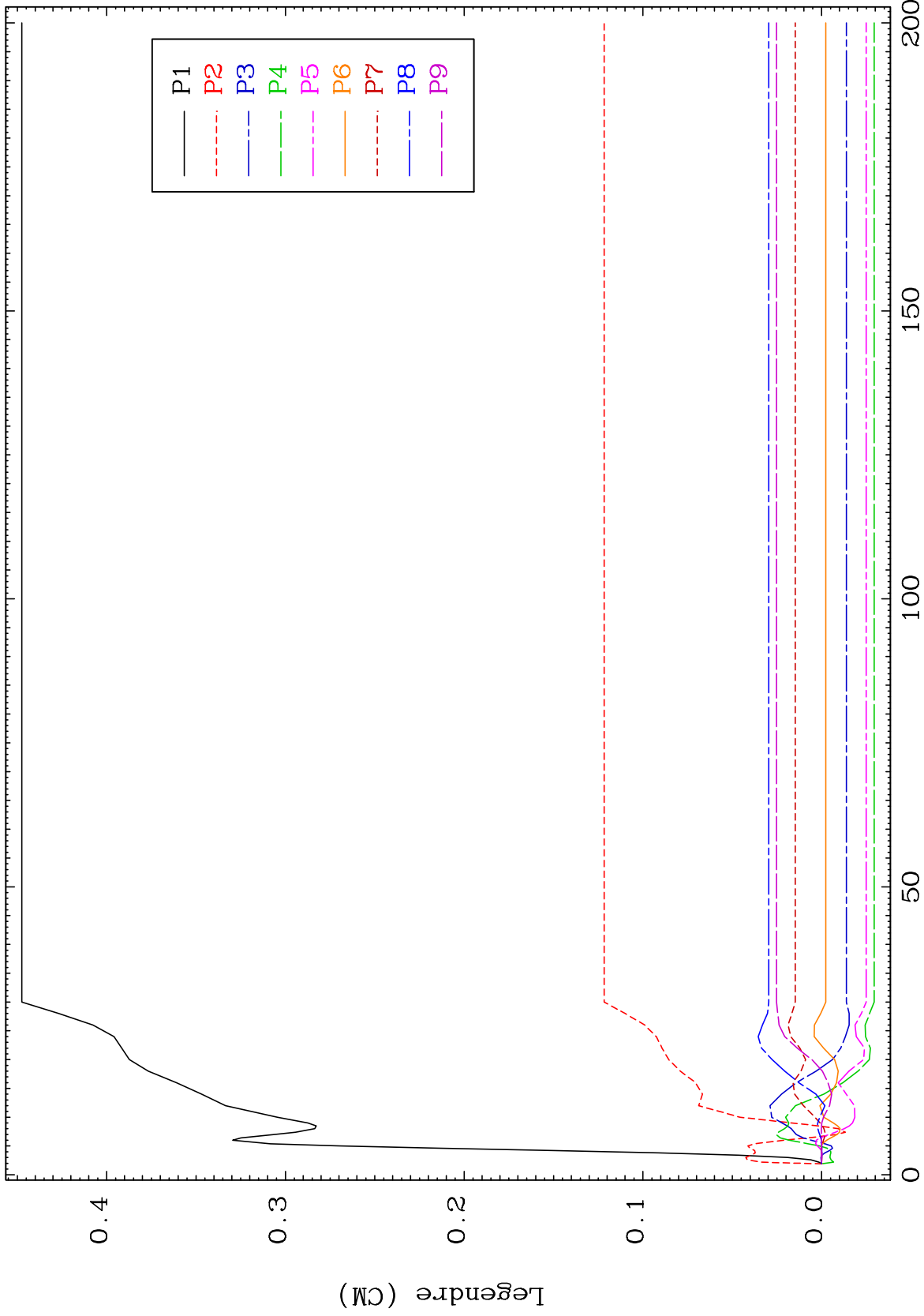
68-Er-156



MAT 6807

1.886 MeV (n,n') Level
Legendre Coefficients

68-Er-156



107

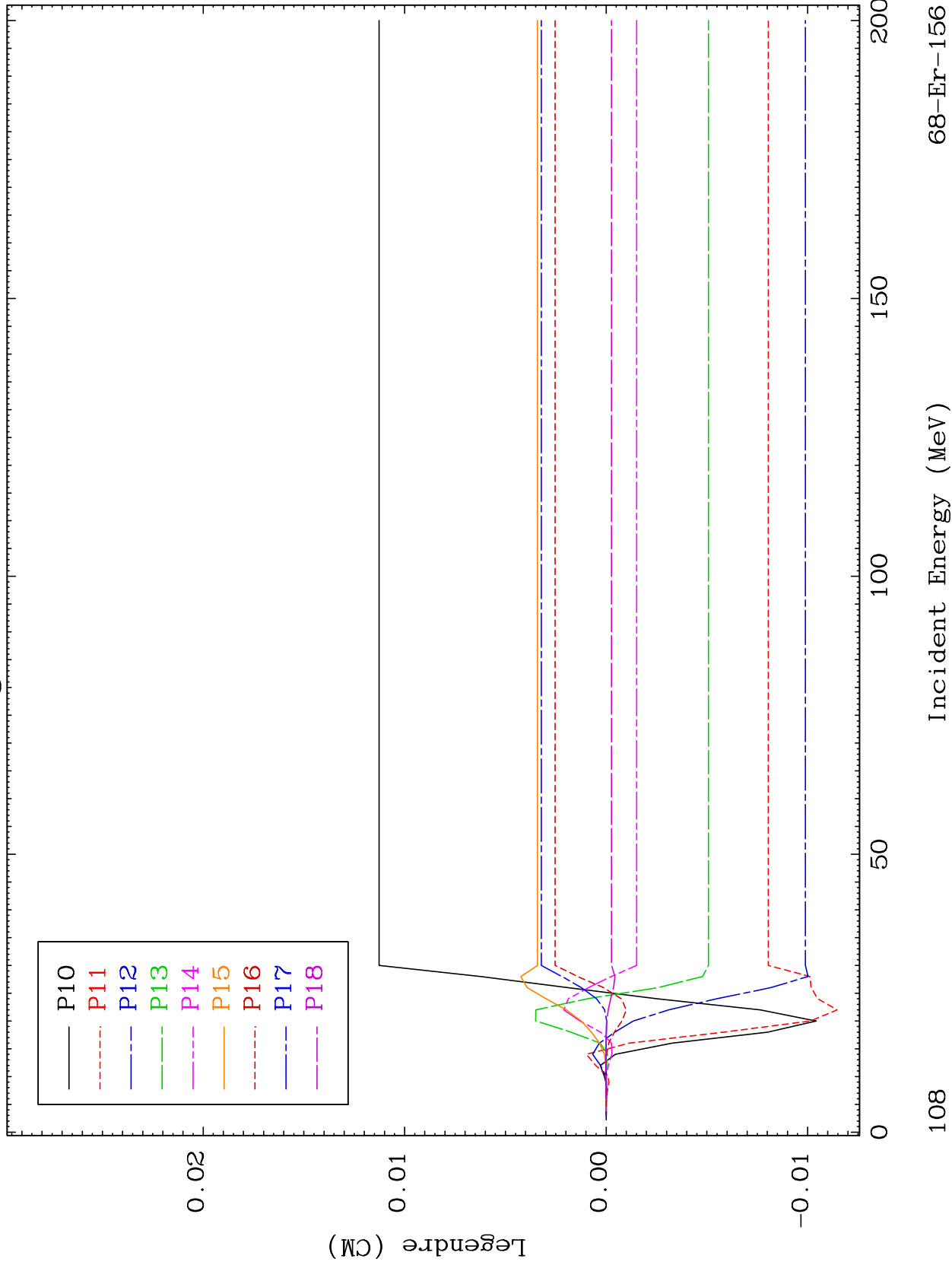
Incident Energy (MeV)

68-Er-156

MAT 6807

1.886 MeV (n,n') Level
Legendre Coefficients

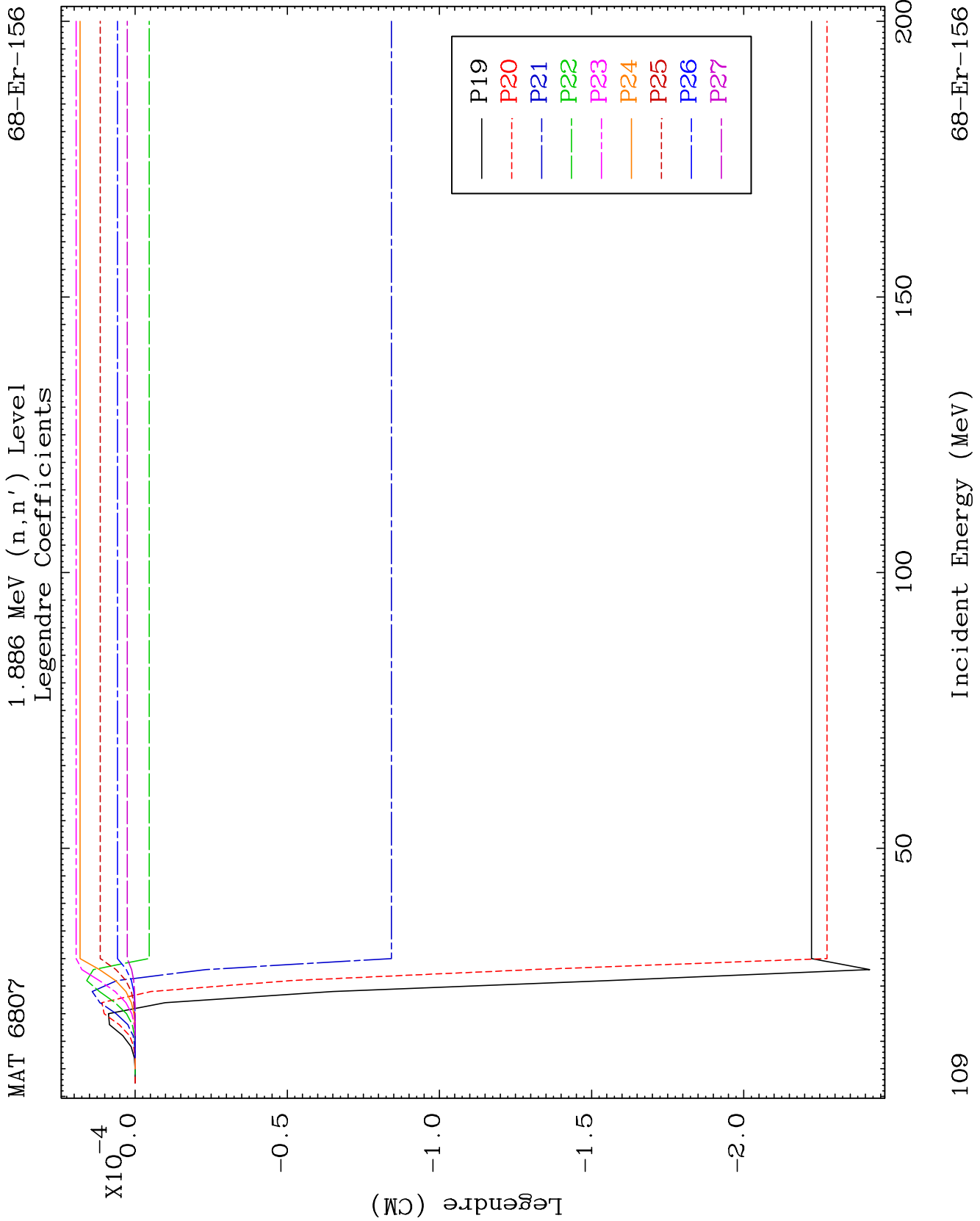
68-Er-156

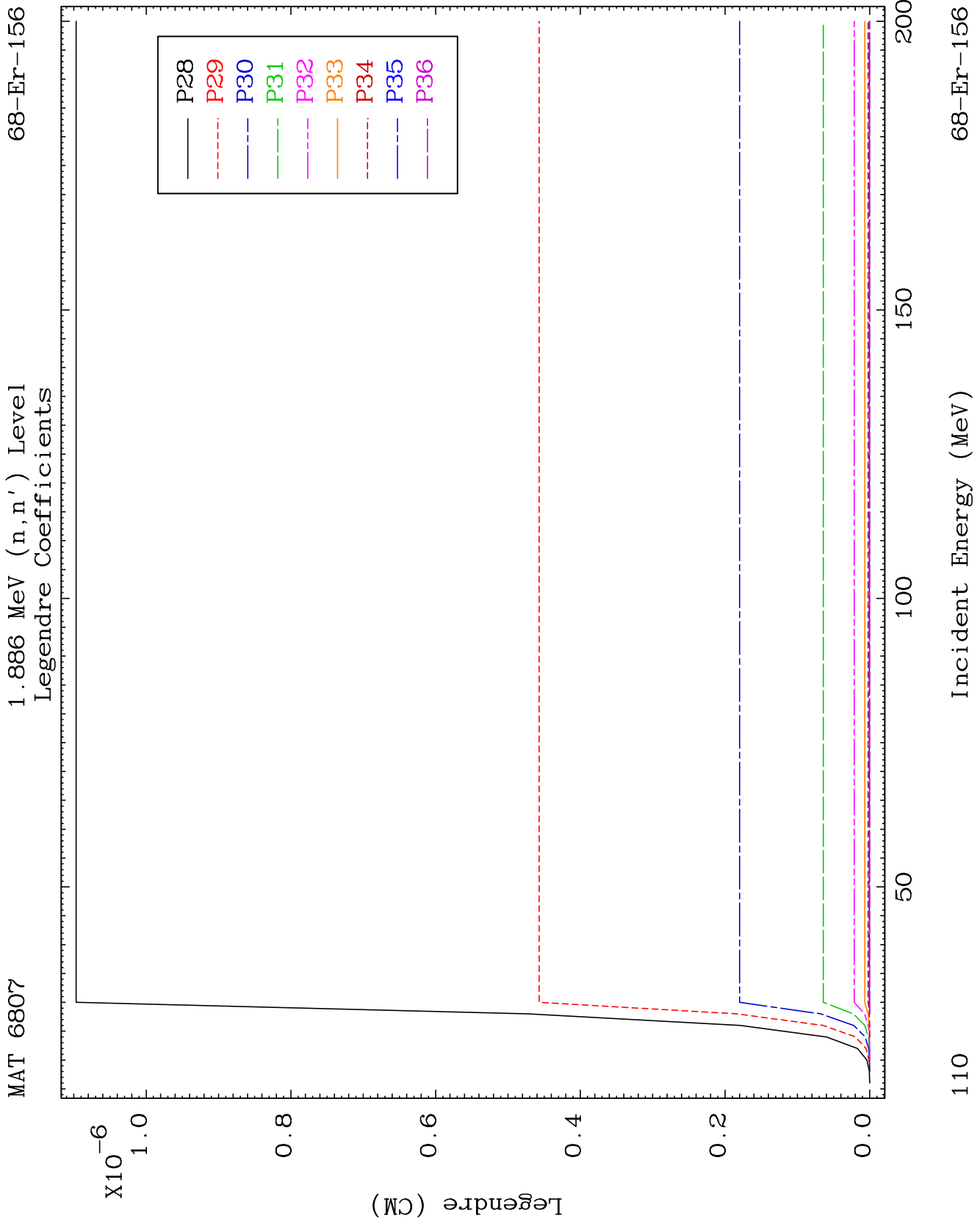


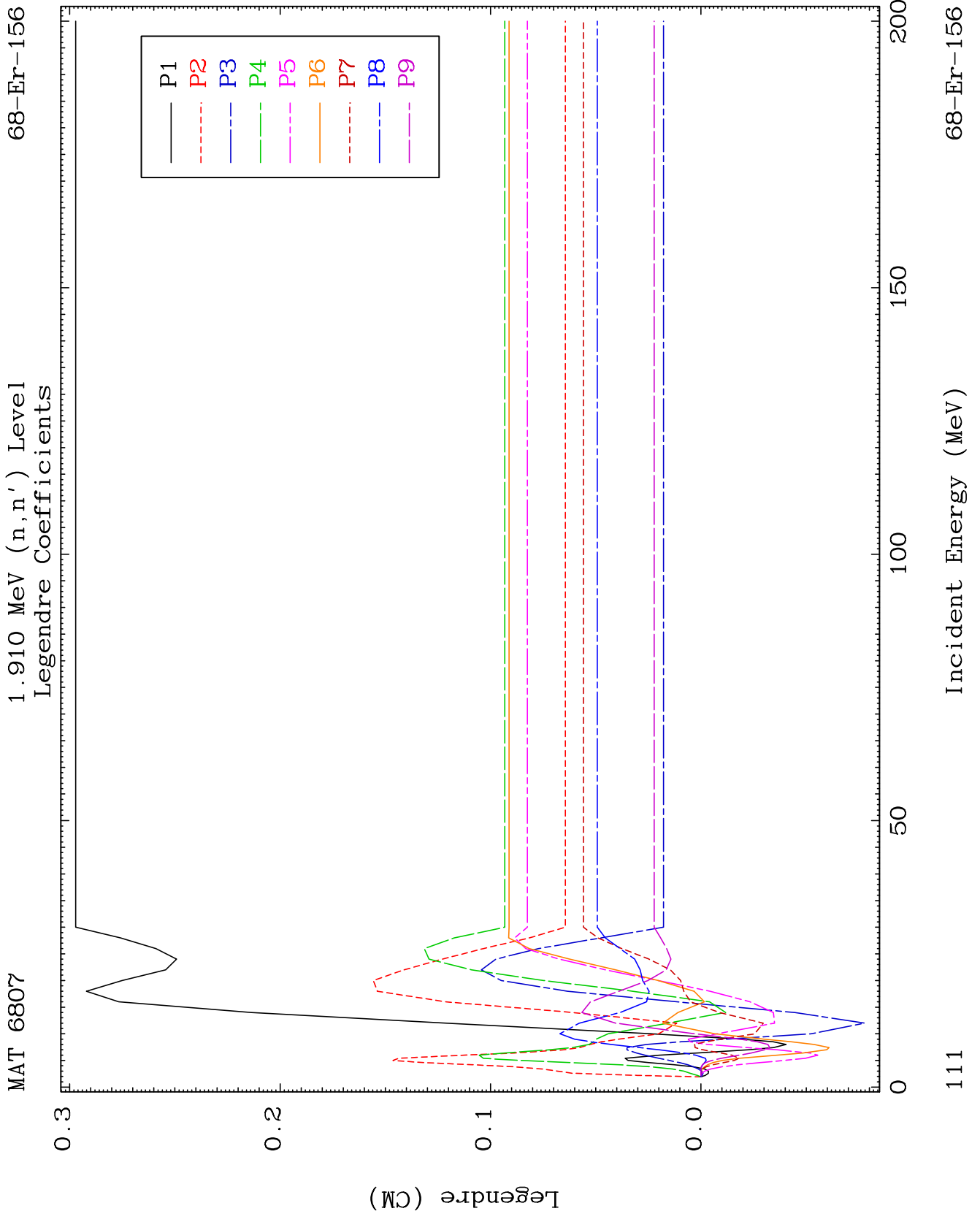
68-Er-156

Incident Energy (MeV)

108



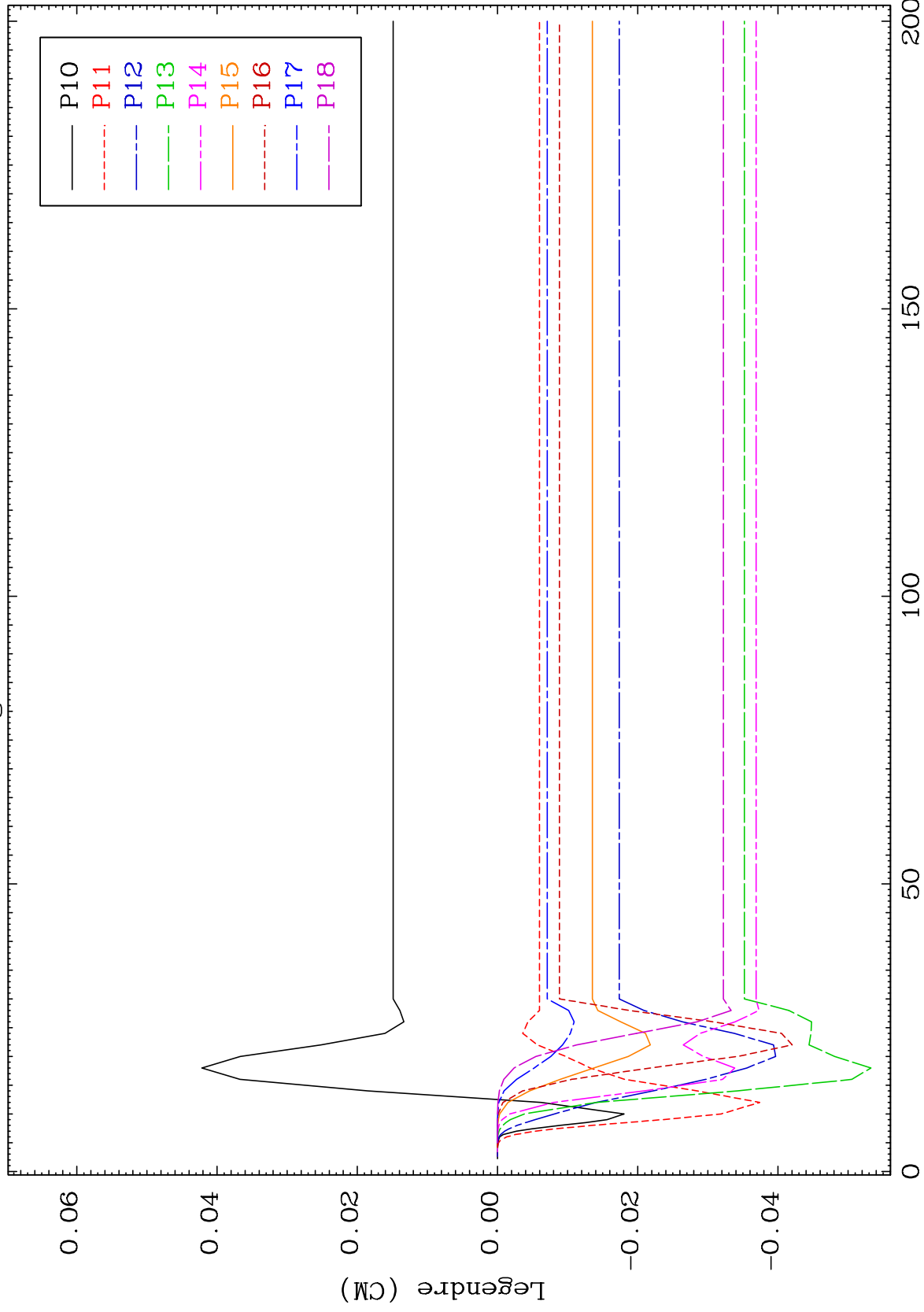




MAT 6807

1.910 MeV (n,n') Level
Legendre Coefficients

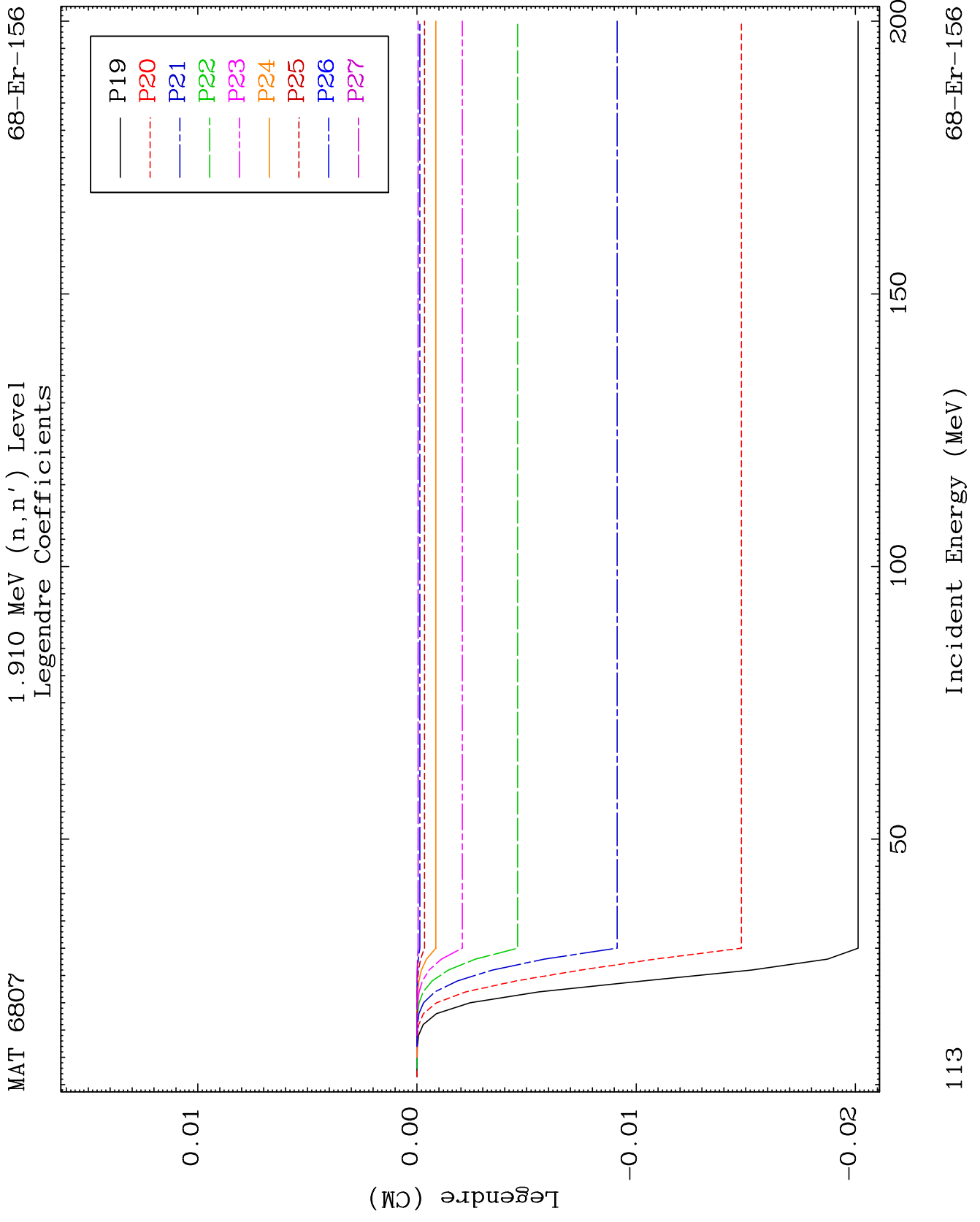
68-Er-156

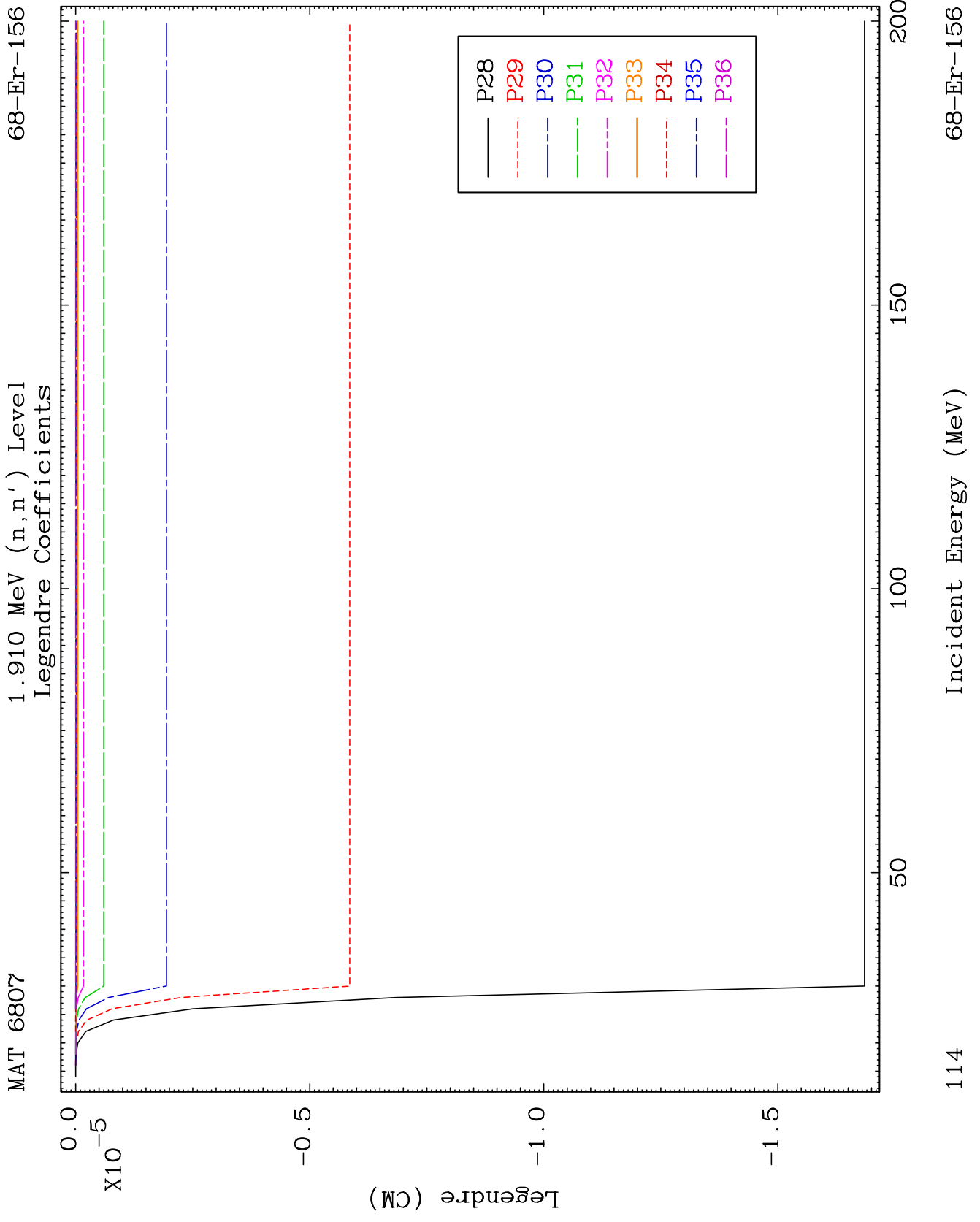


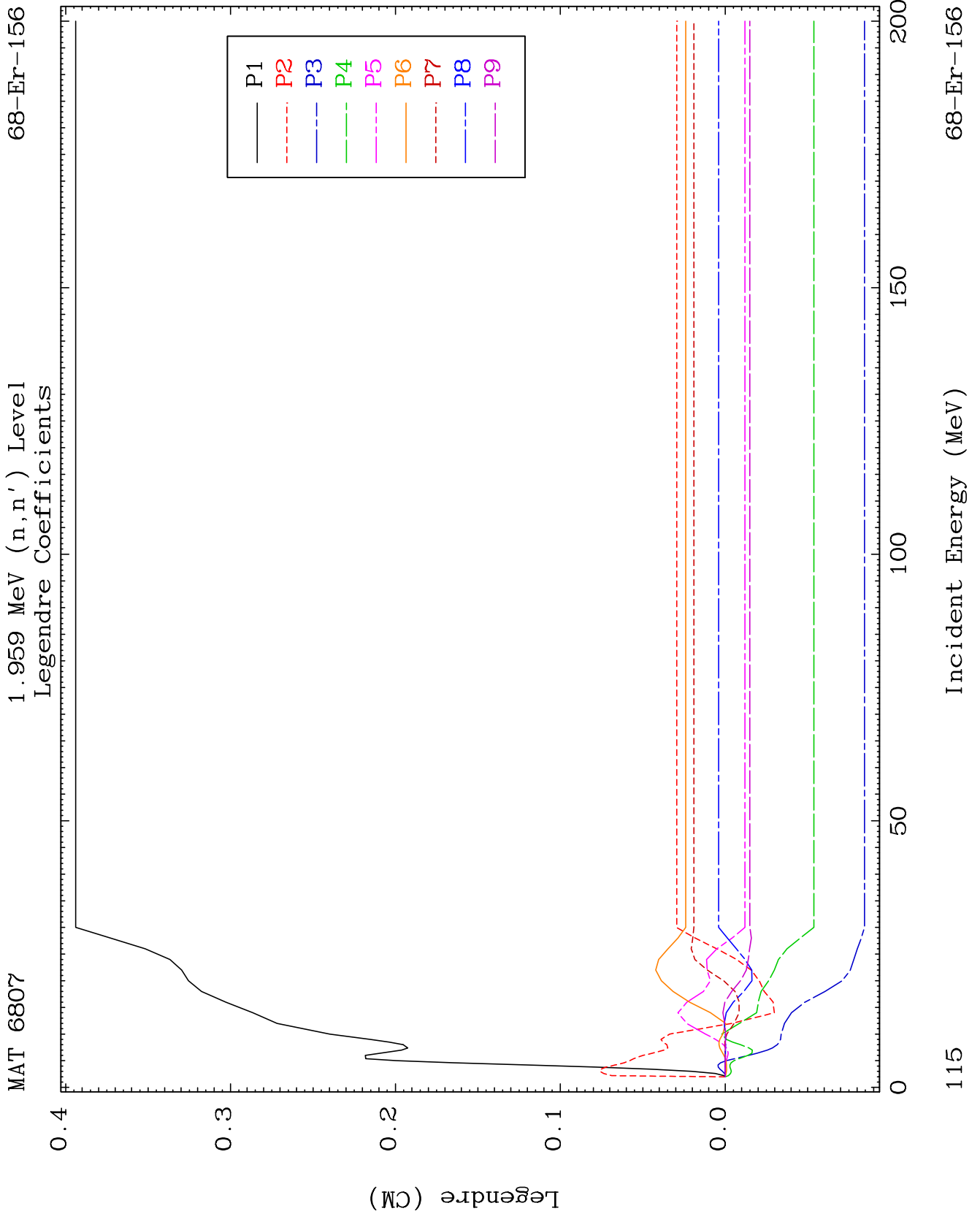
112

Incident Energy (MeV)

68-Er-156



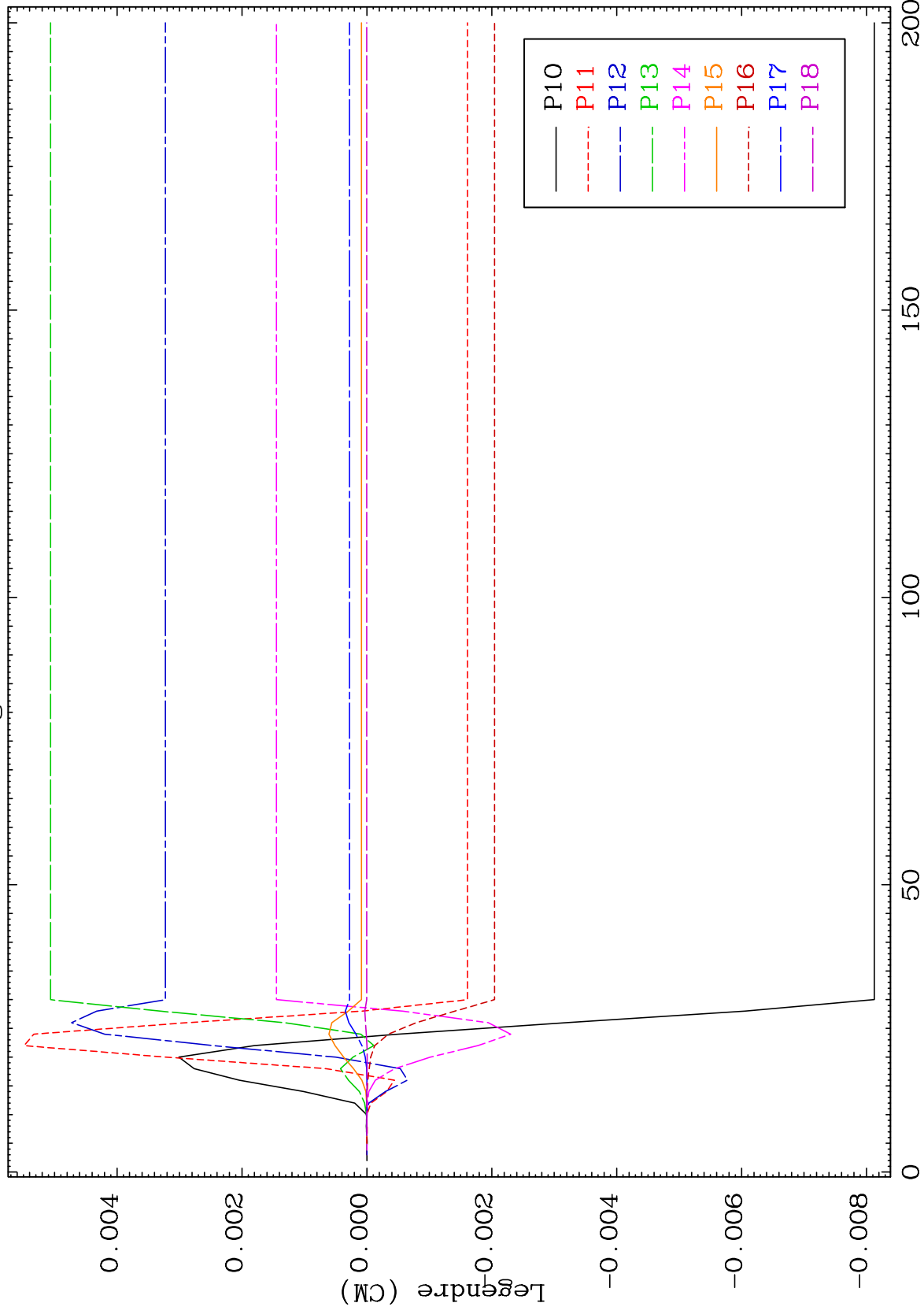




MAT 6807

1.959 MeV (n,n') Level
Legendre Coefficients

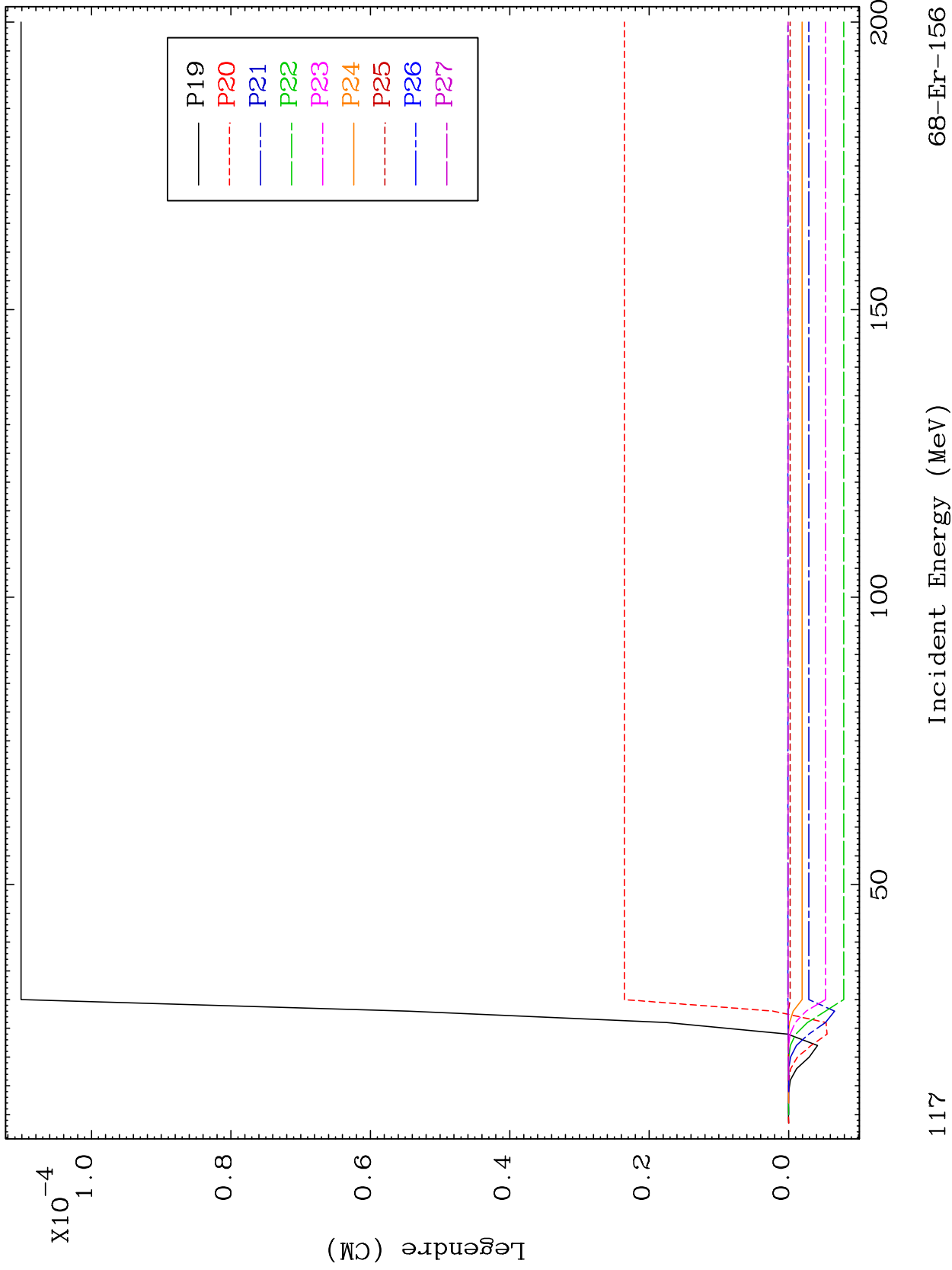
68-Er-156



116

Incident Energy (MeV)

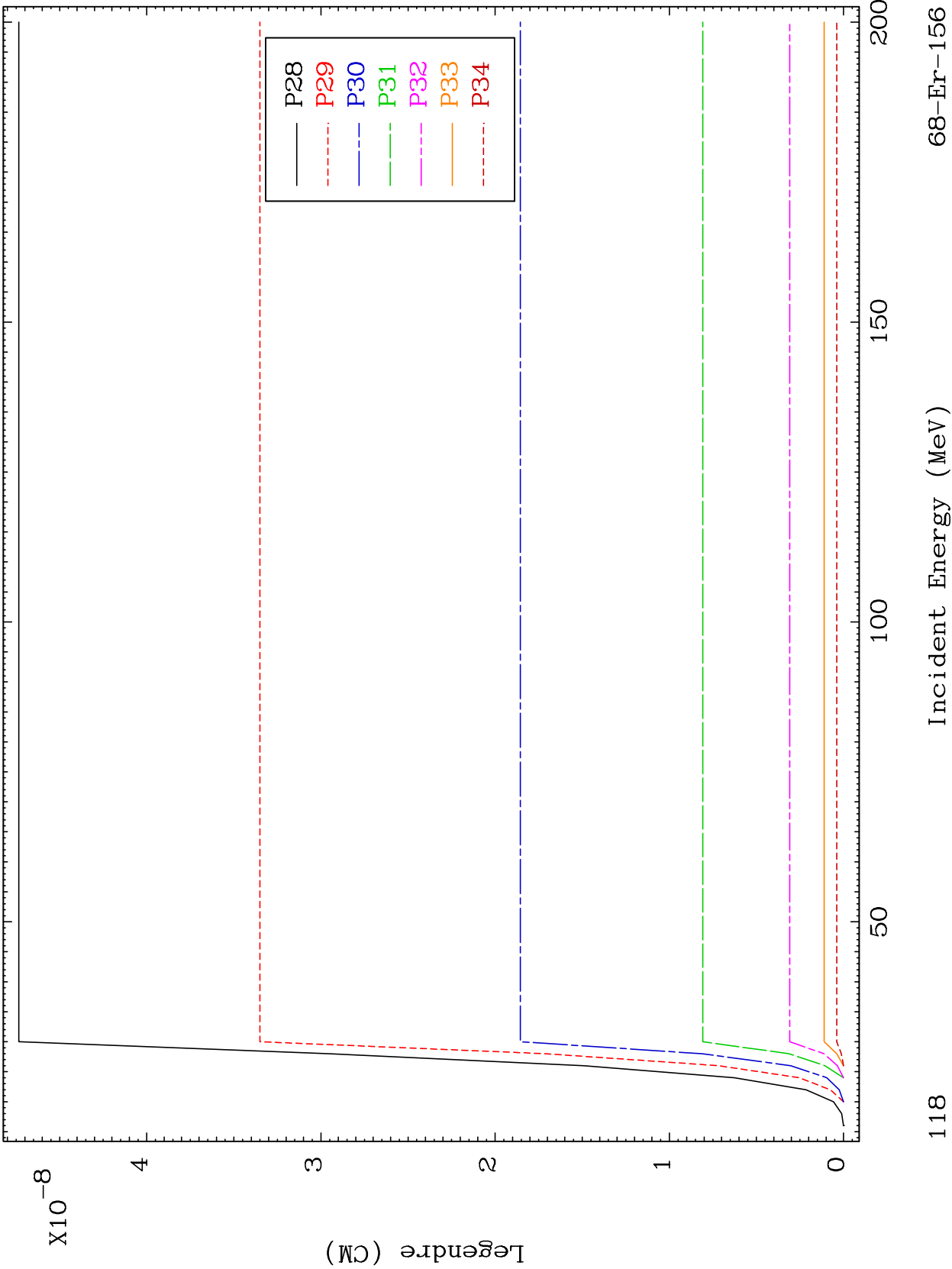
68-Er-156



MAT 6807

1.959 MeV (n,n') Level
Legendre Coefficients

68-Er-156



118

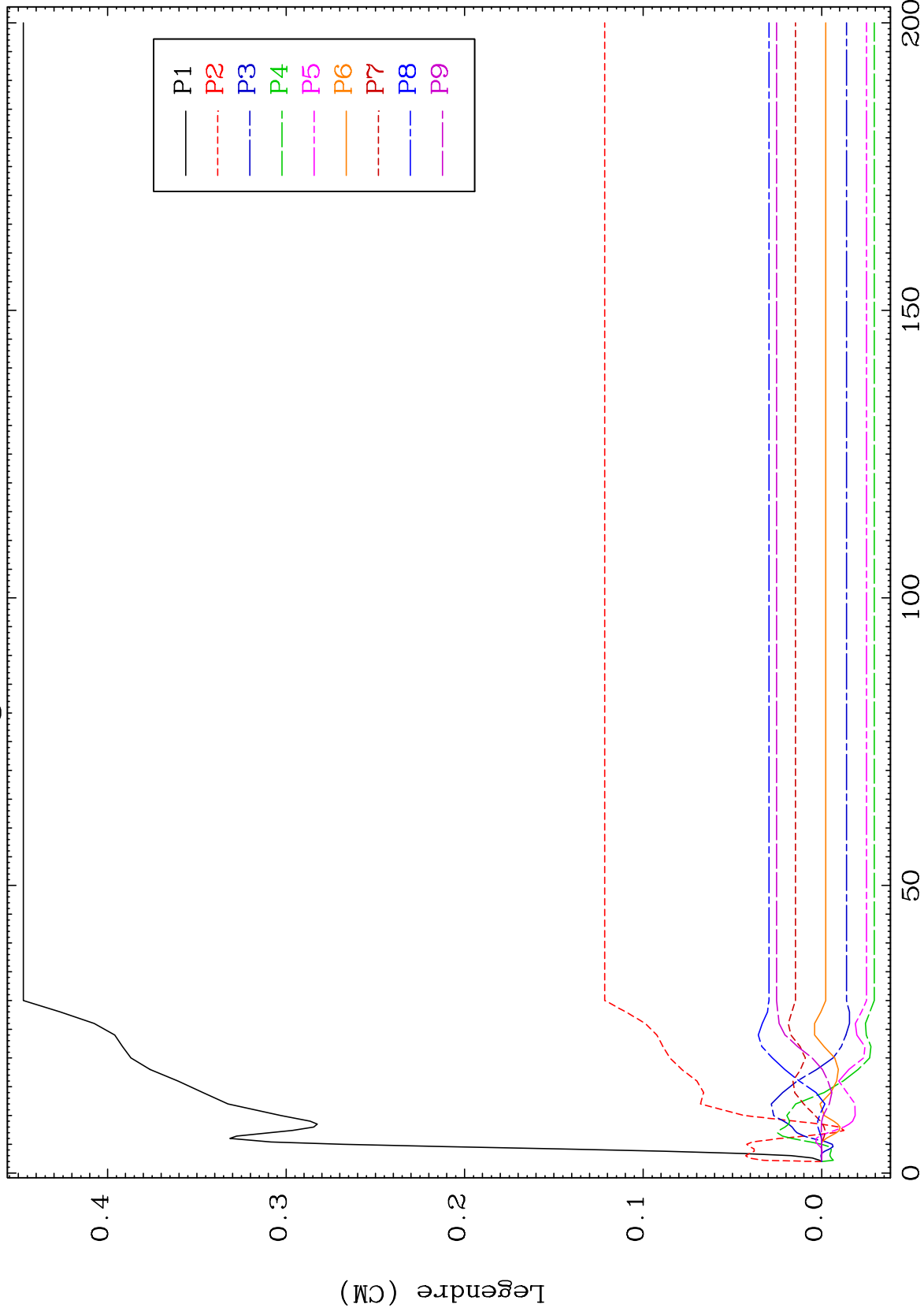
Incident Energy (MeV)

68-Er-156

MAT 6807

1.970 MeV (n,n') Level
Legendre Coefficients

68-Er-156



119

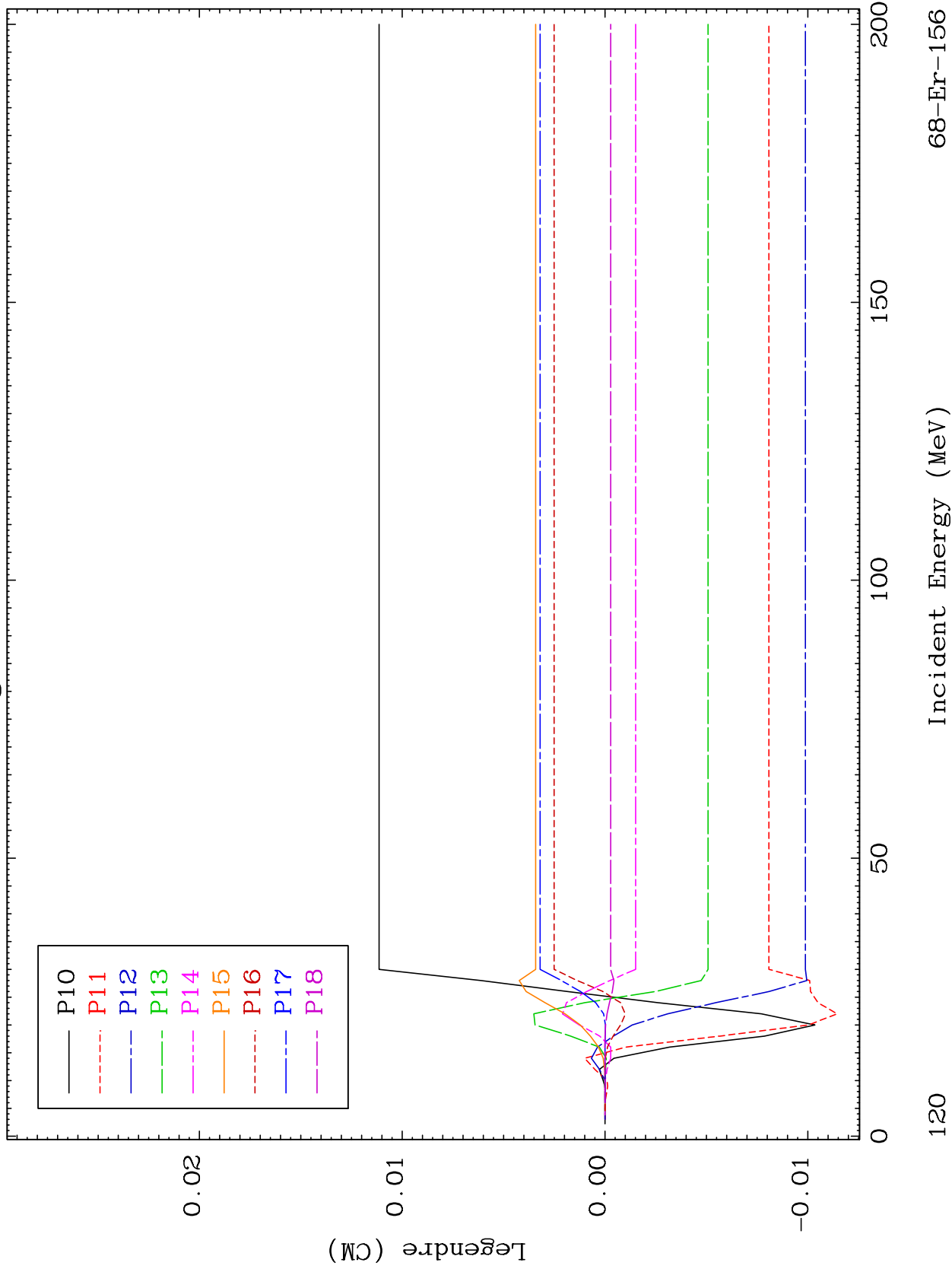
Incident Energy (MeV)

68-Er-156

MAT 6807

1.970 MeV (n,n') Level
Legendre Coefficients

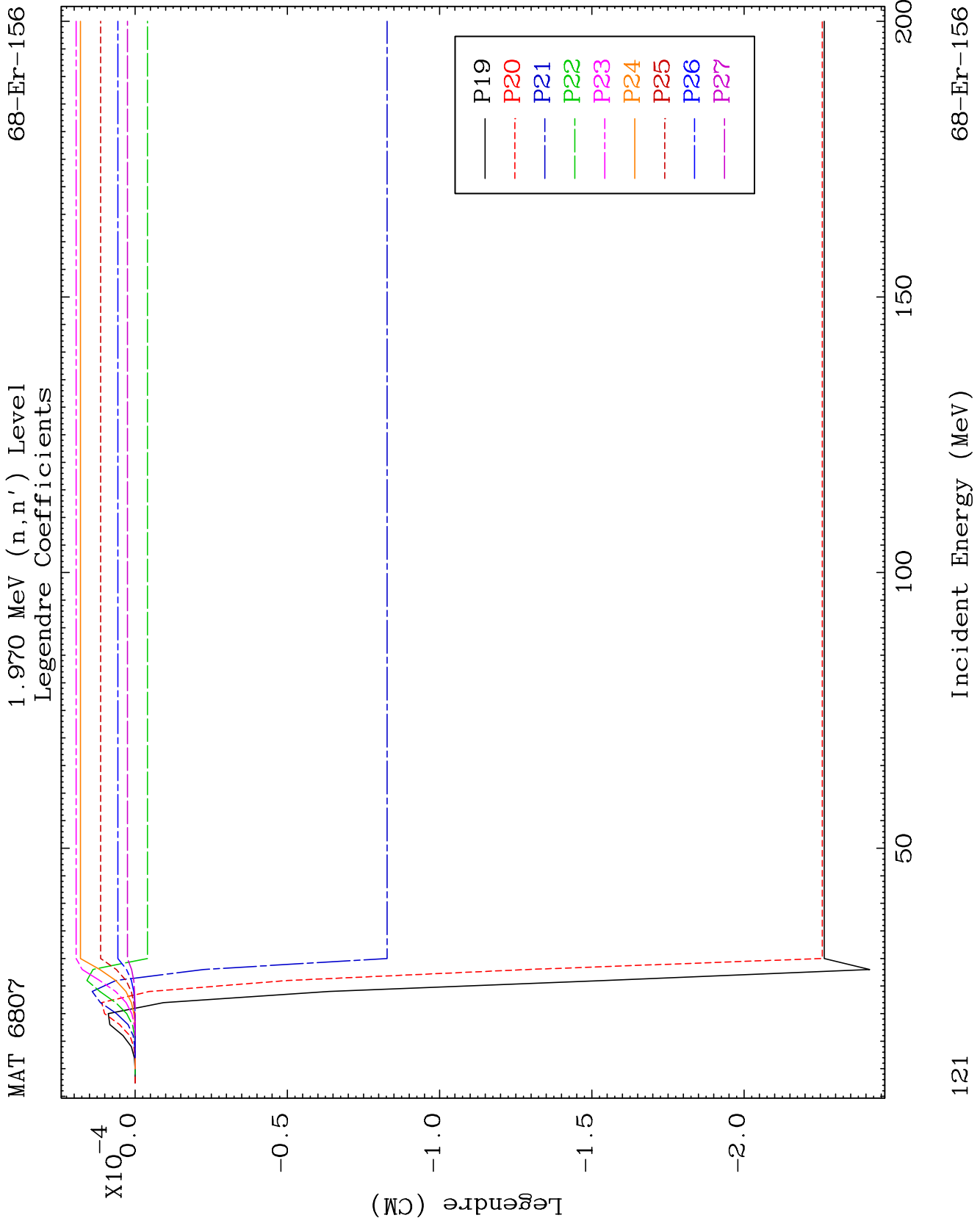
68-Er-156

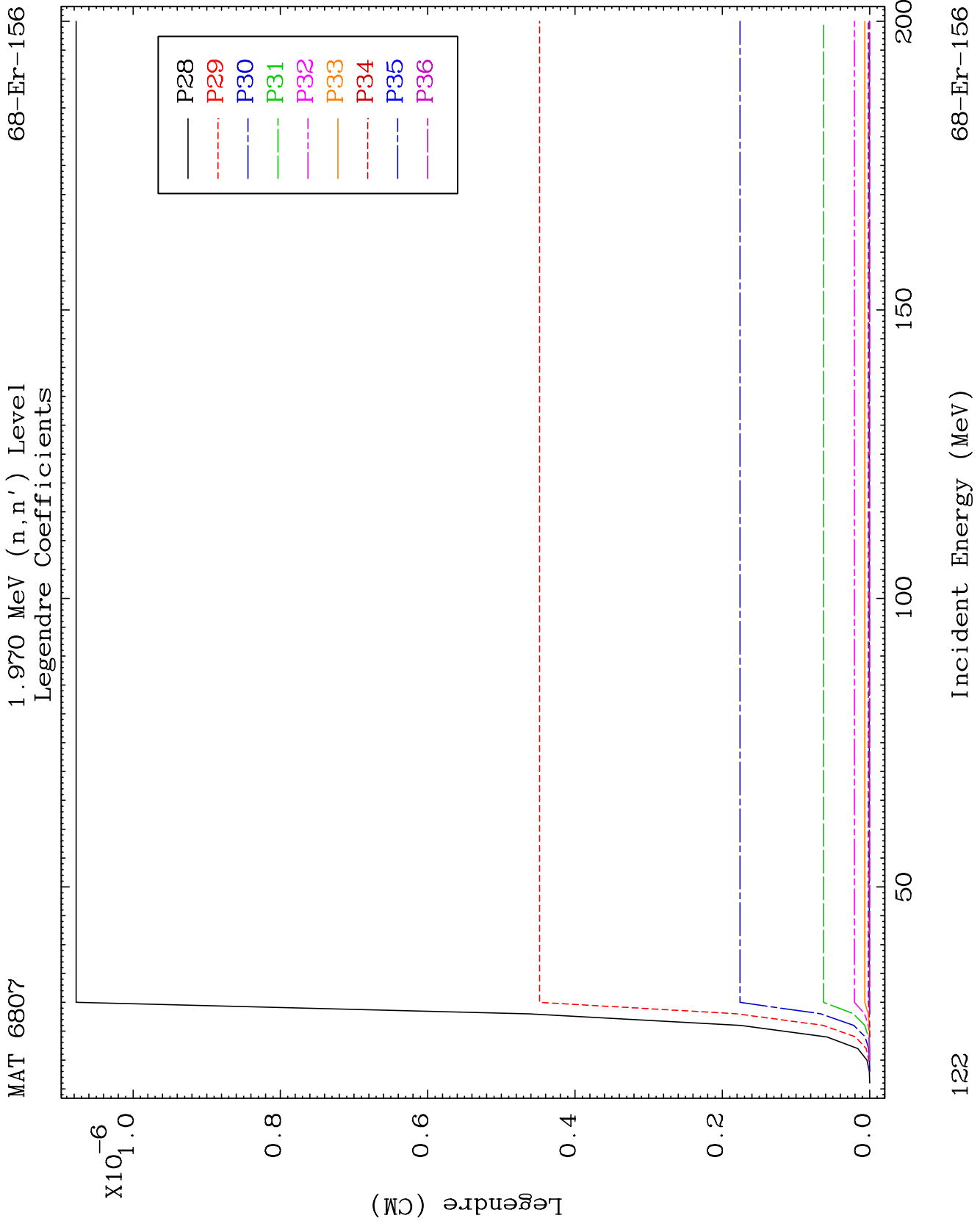


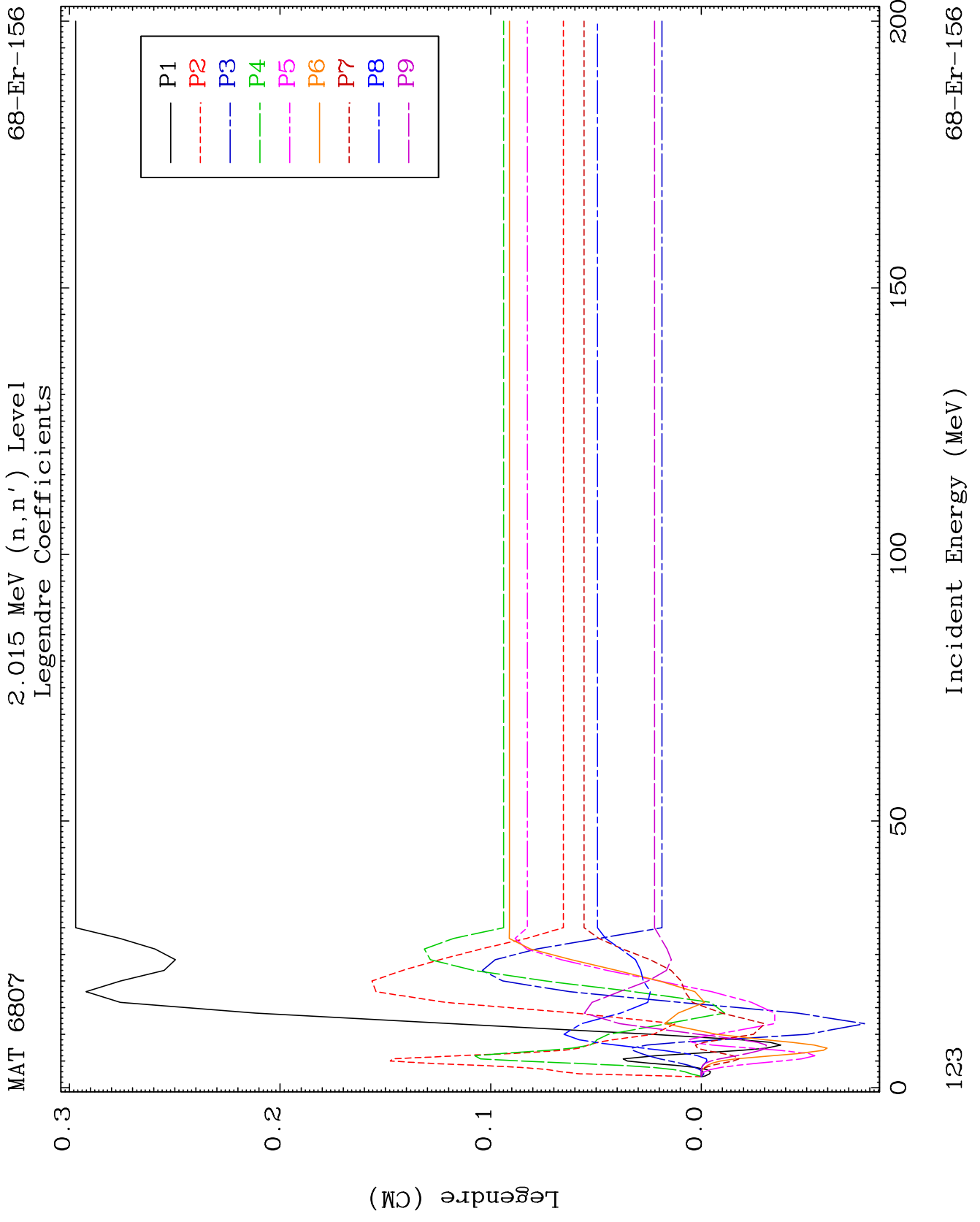
68-Er-156

Incident Energy (MeV)

120



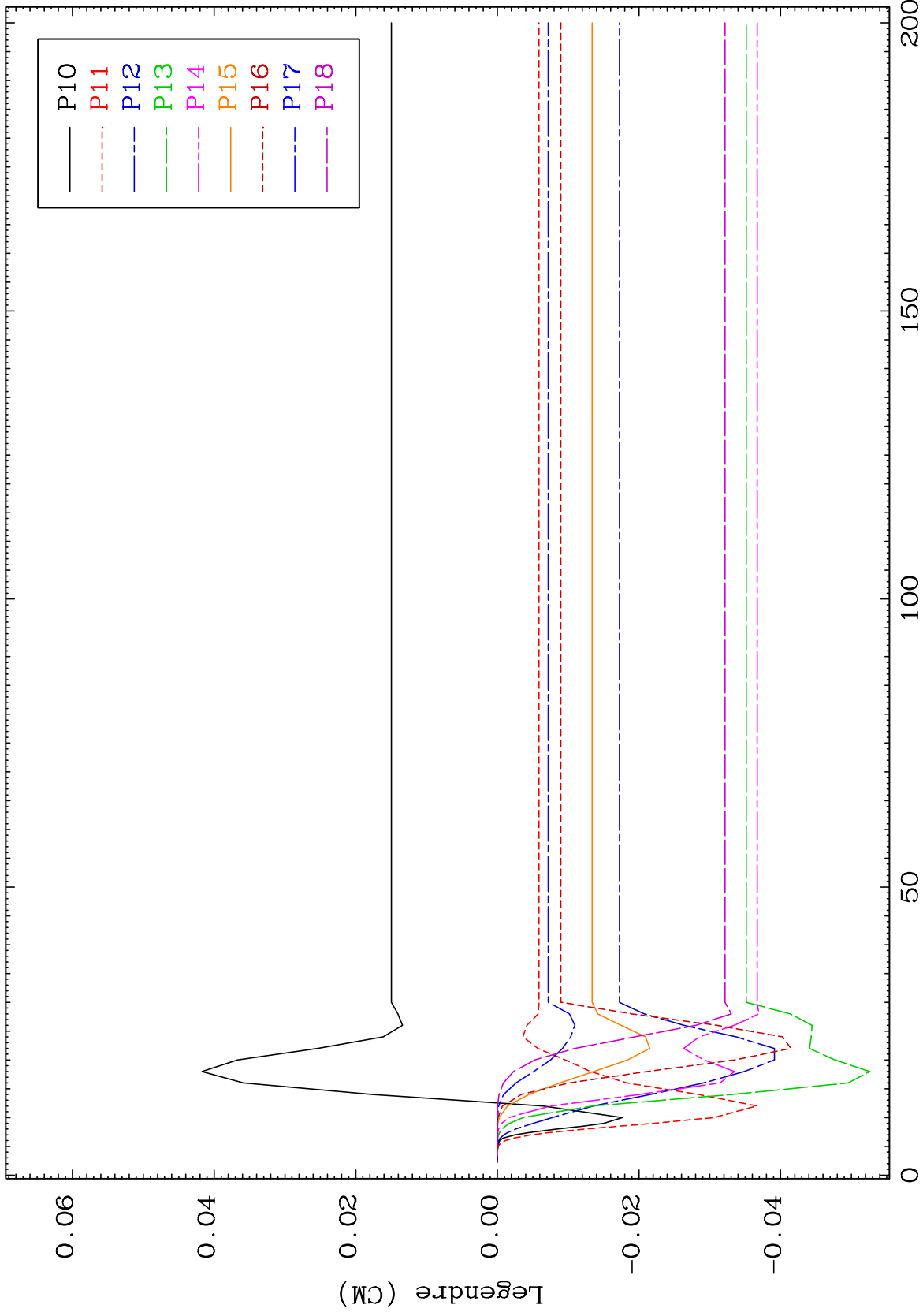




MAT 6807

2.015 MeV (n,n') Level
Legendre Coefficients

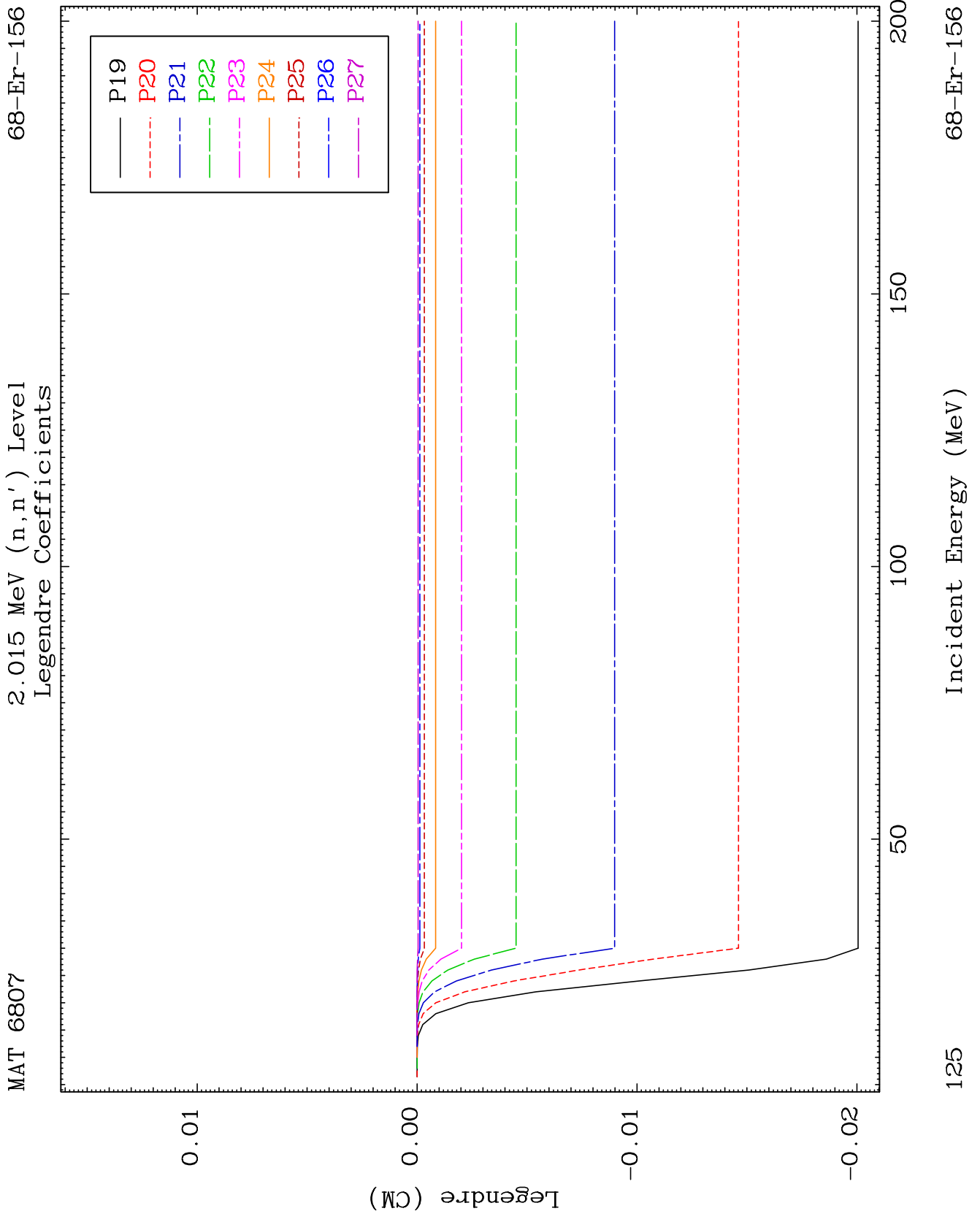
68-Er-156

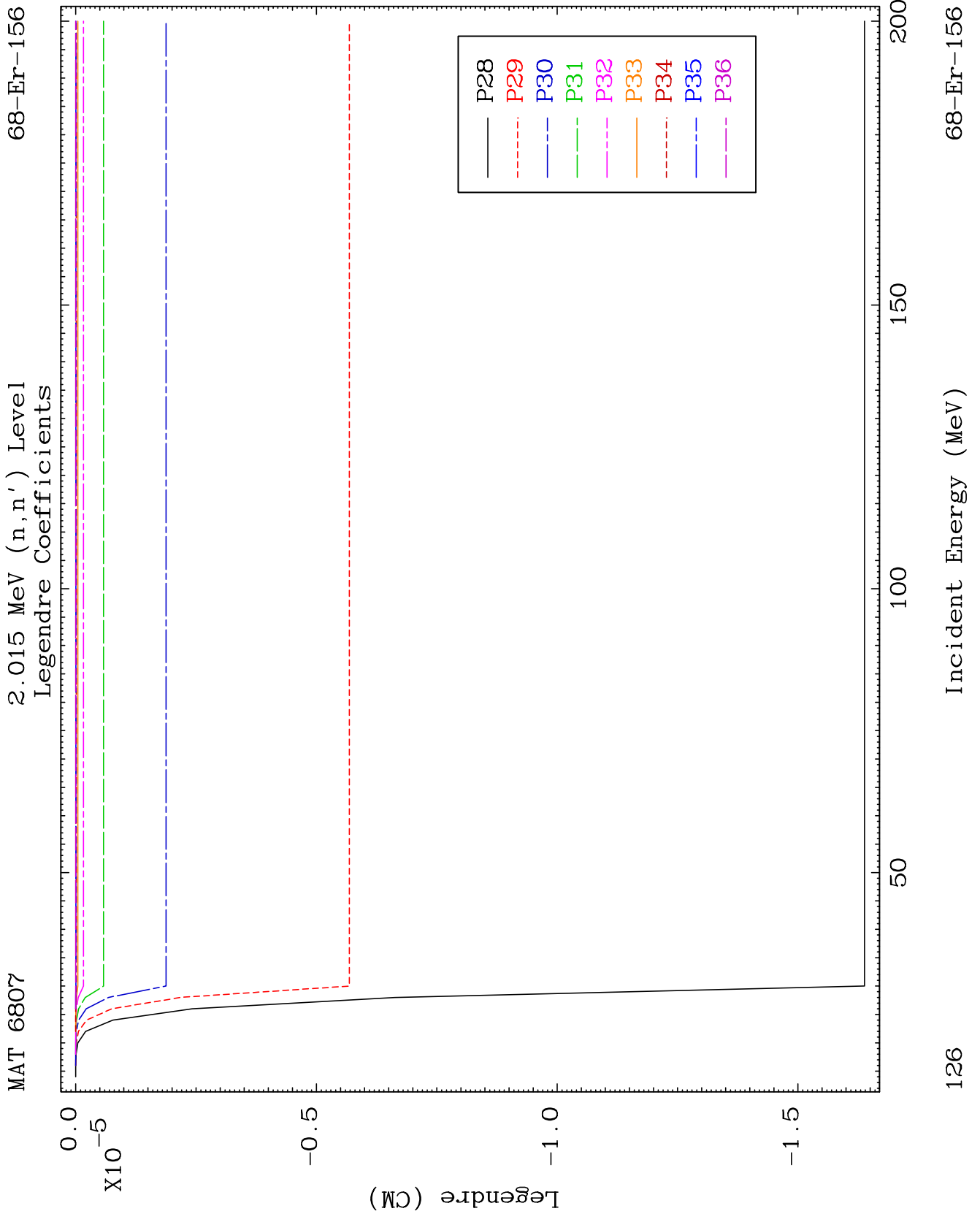


124

Incident Energy (MeV)

68-Er-156

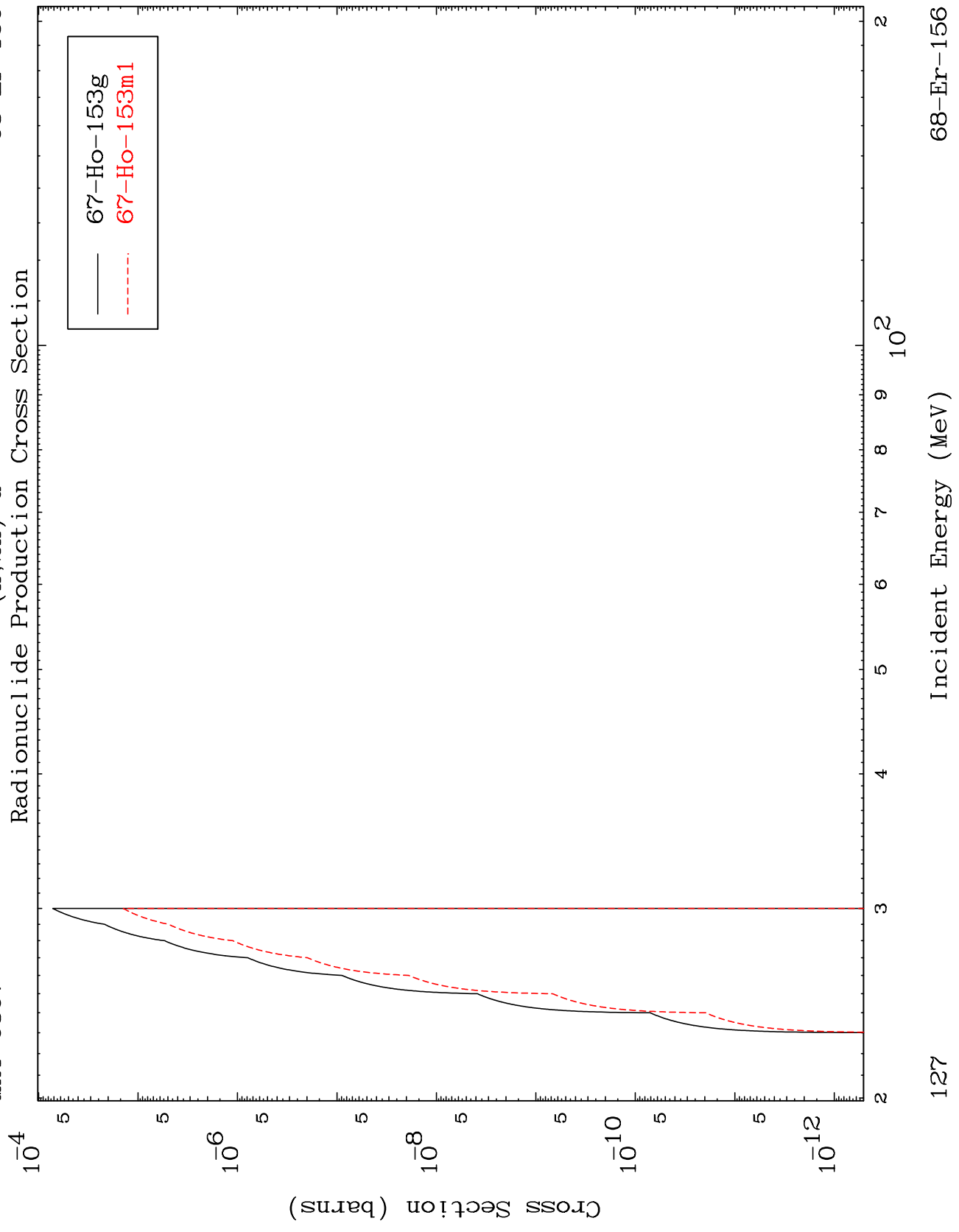




MAT 6807

(n,2n) d

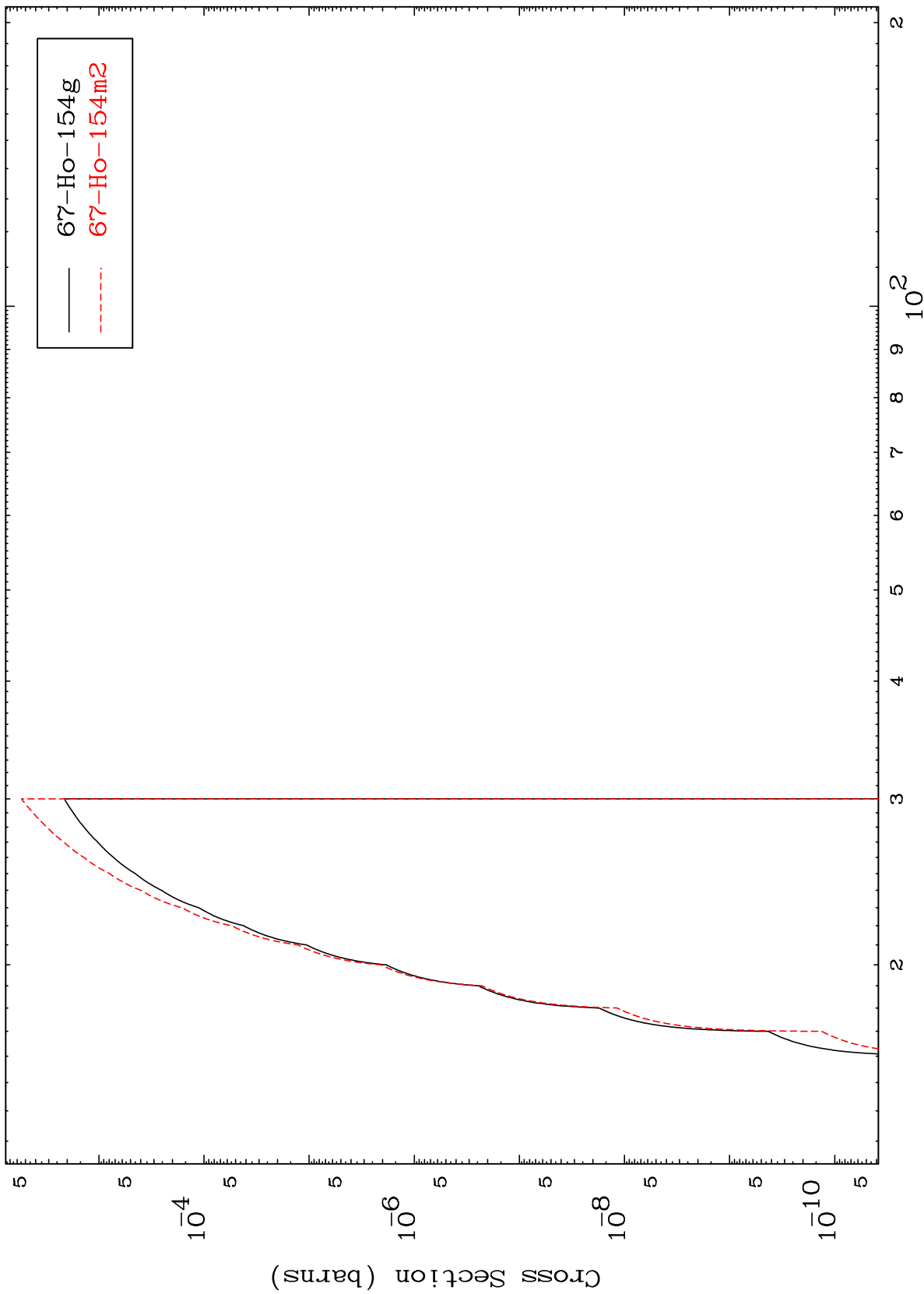
68-Er-156



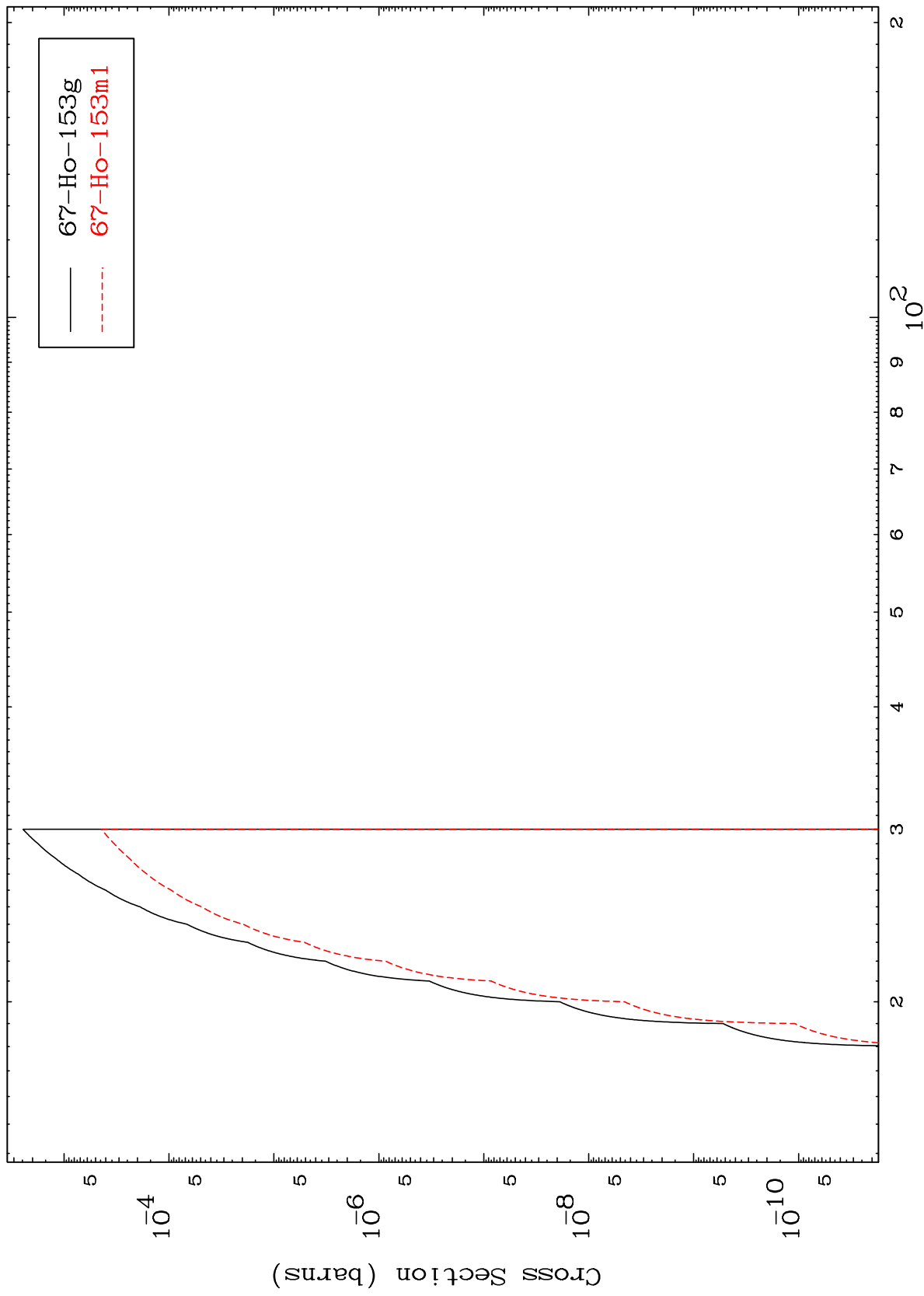
127

68-Er-156

Radionuclide Production Cross Section



Radionuclide Production Cross Section

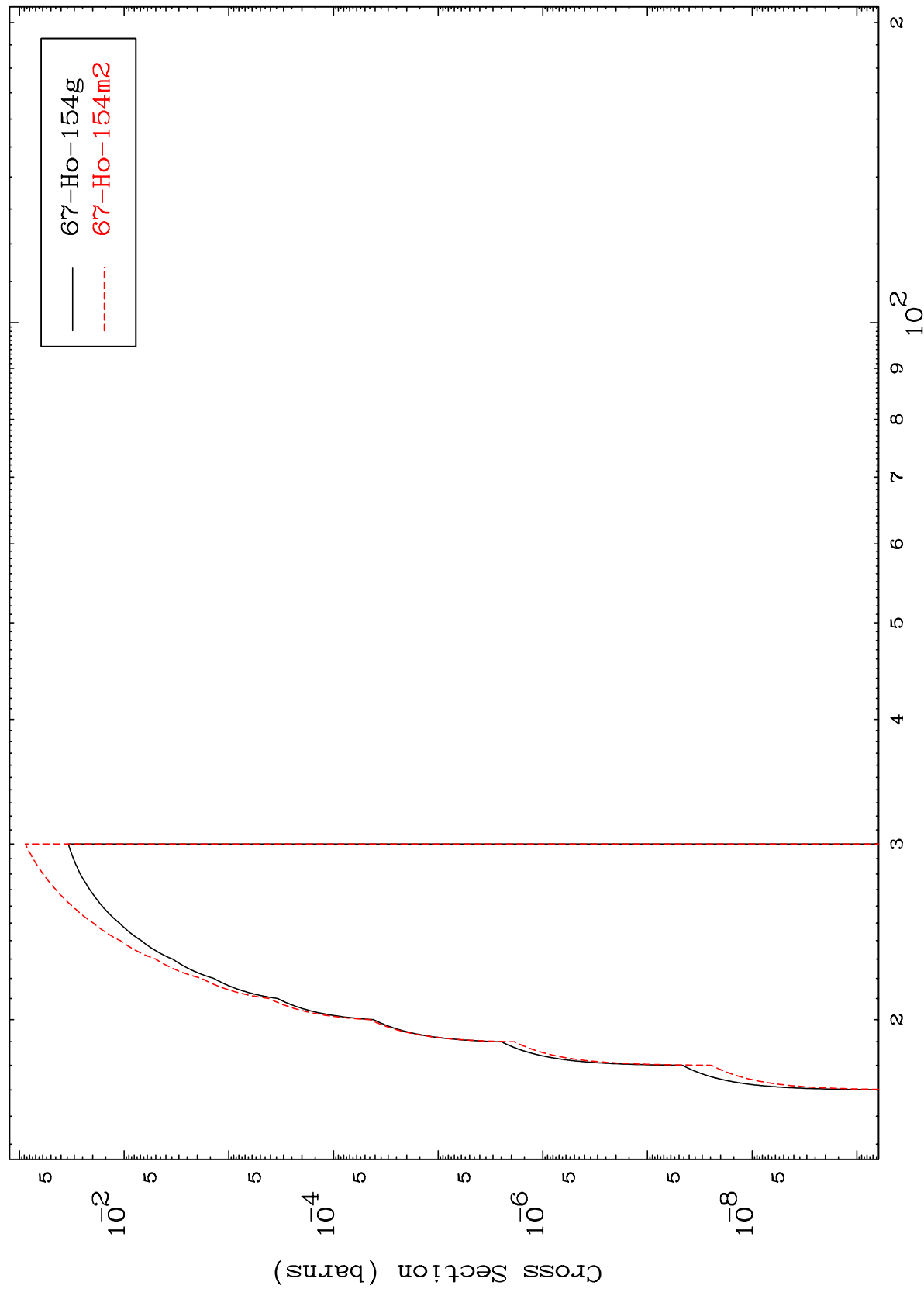


MAT 6807

(n,2n) p

68-Er-156

Radionuclide Production Cross Section



130

Incident Energy (MeV)

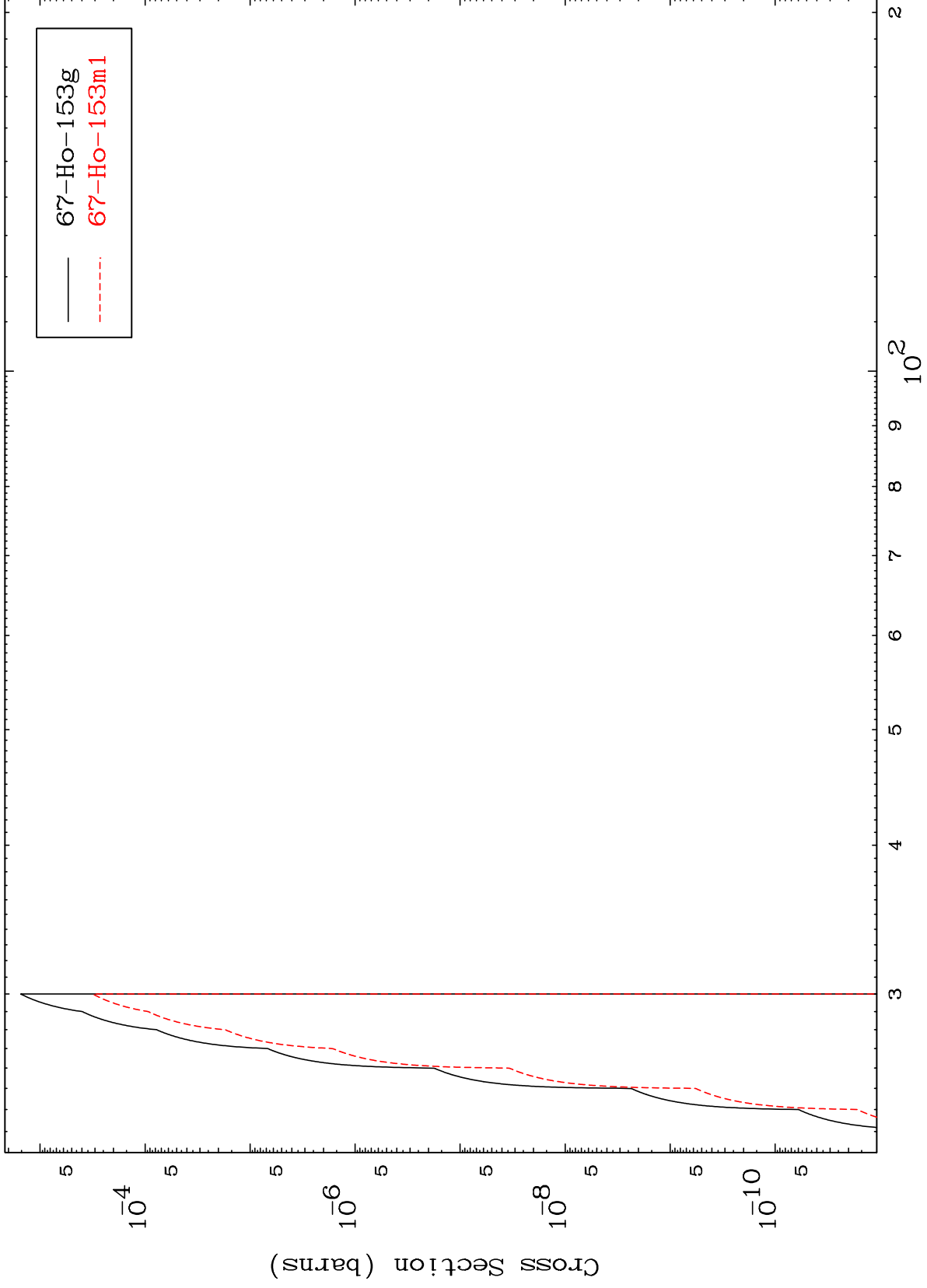
68-Er-156

MAT 6807

(n,3n) p

68-Er-156

Radionuclide Production Cross Section



131

Incident Energy (MeV)

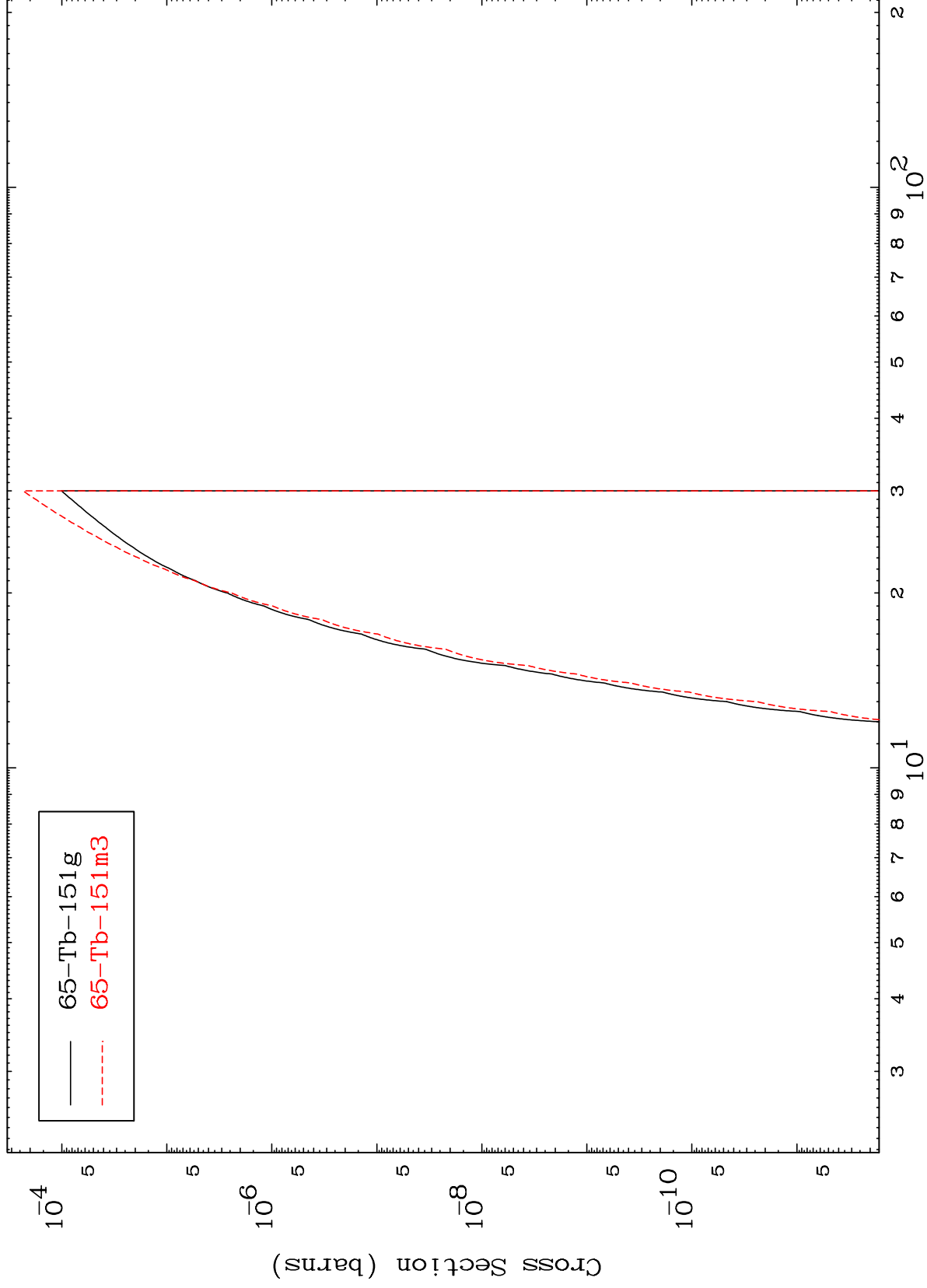
68-Er-156

MAT 6807

(n,n') p α

68-Er-156

Radionuclide Production Cross Section



132

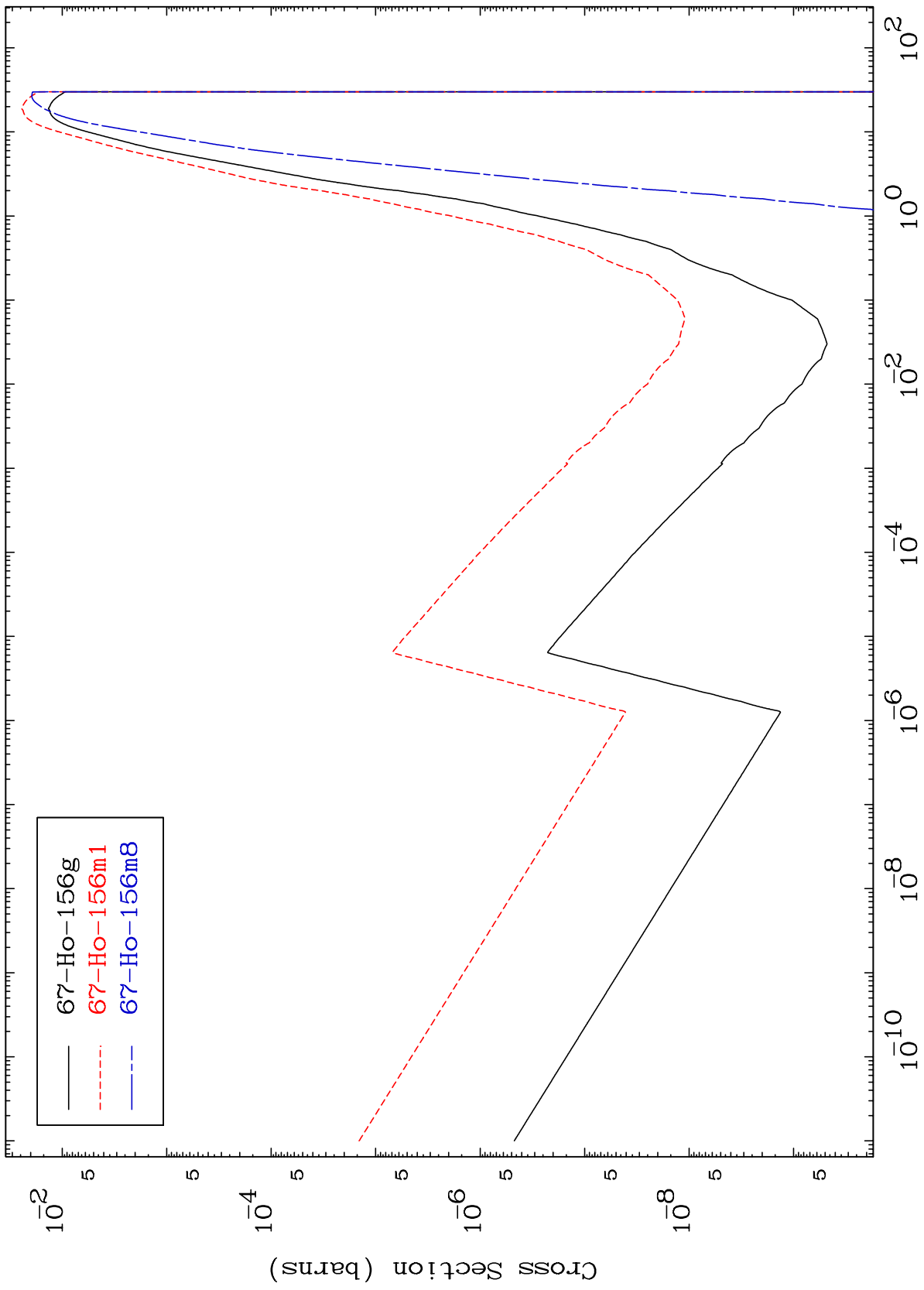
Incident Energy (MeV)

68-Er-156

MAT 6807

68-Er-156

Radionuclide Production Cross Section
(n,p)



68-Er-156

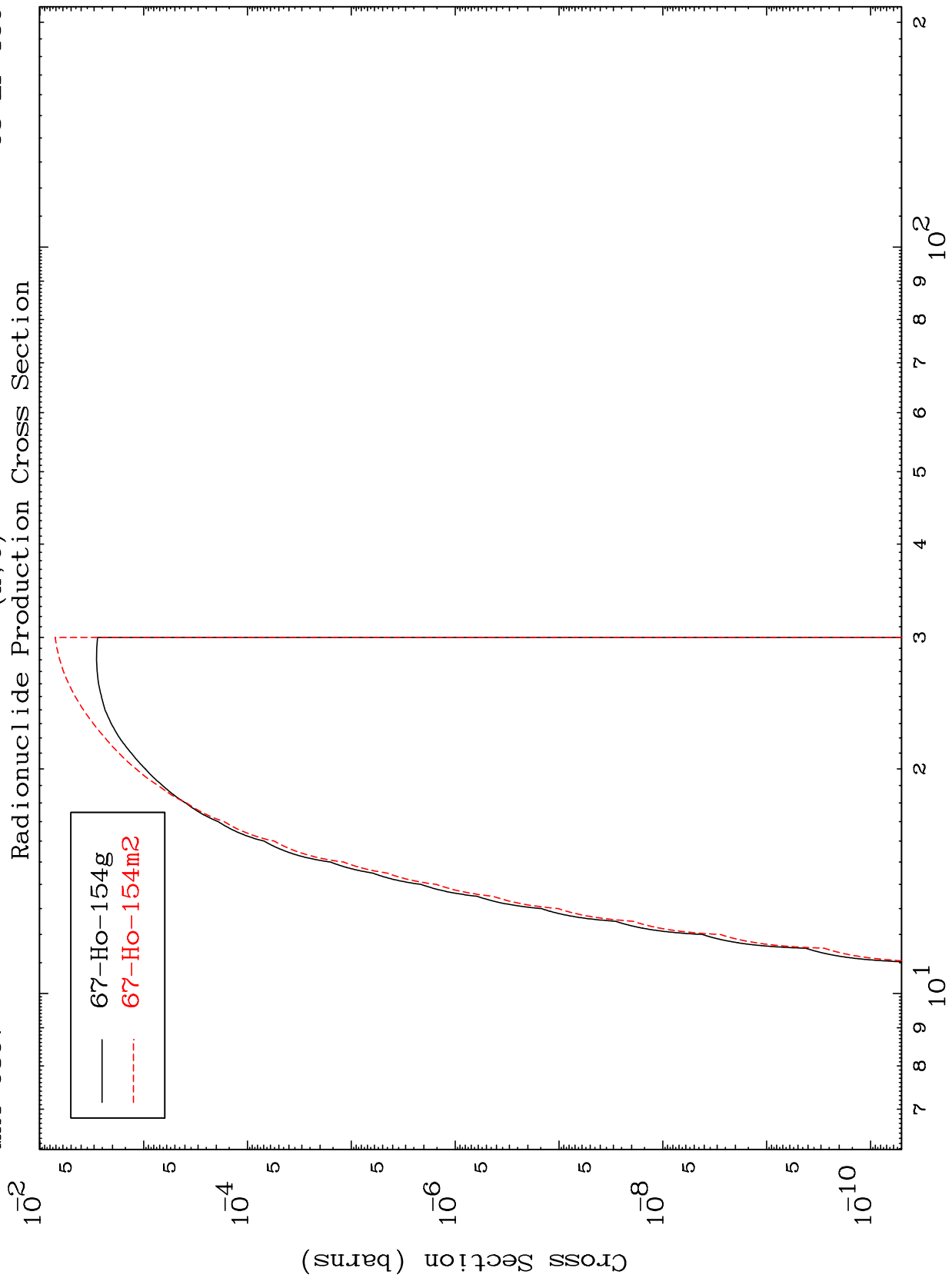
Incident Energy (MeV)

133

MAT 6807

68-Er-156

(n, t)
Radionuclide Production Cross Section



67-Ho-154g
67-Ho-154m2

134

Incident Energy (MeV)

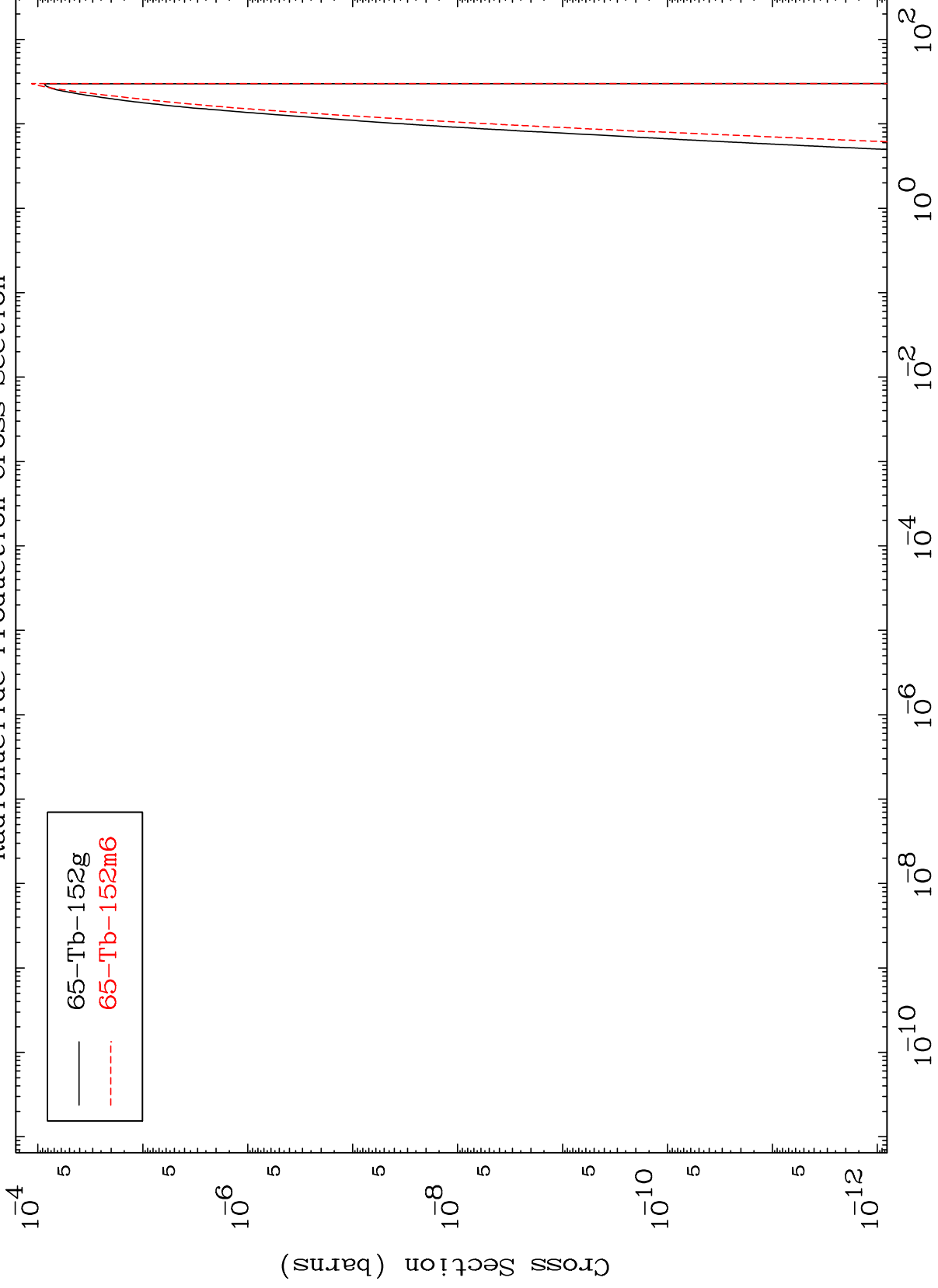
68-Er-156

MAT 6807

(n,p) α

68-Er-156

Radionuclide Production Cross Section



65-Tb-152g
65-Tb-152m6

135

Incident Energy (MeV)

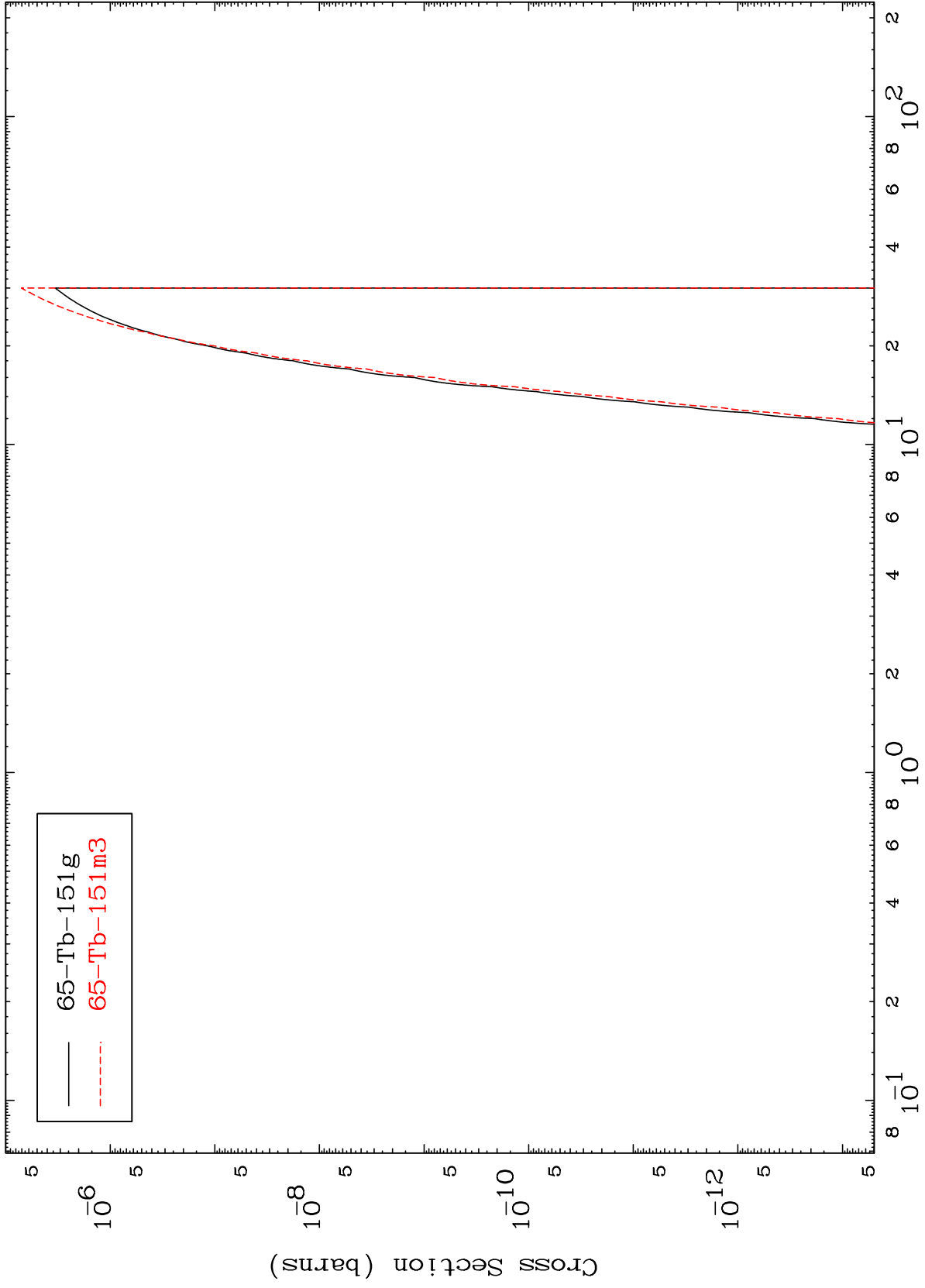
68-Er-156

MAT 6807

(n,d) α

68-Er-156

Radionuclide Production Cross Section



65-Tb-151g
65-Tb-151m3

136

Incident Energy (MeV)

68-Er-156