

Program EVALPLOT
(Version 2015-2)

by

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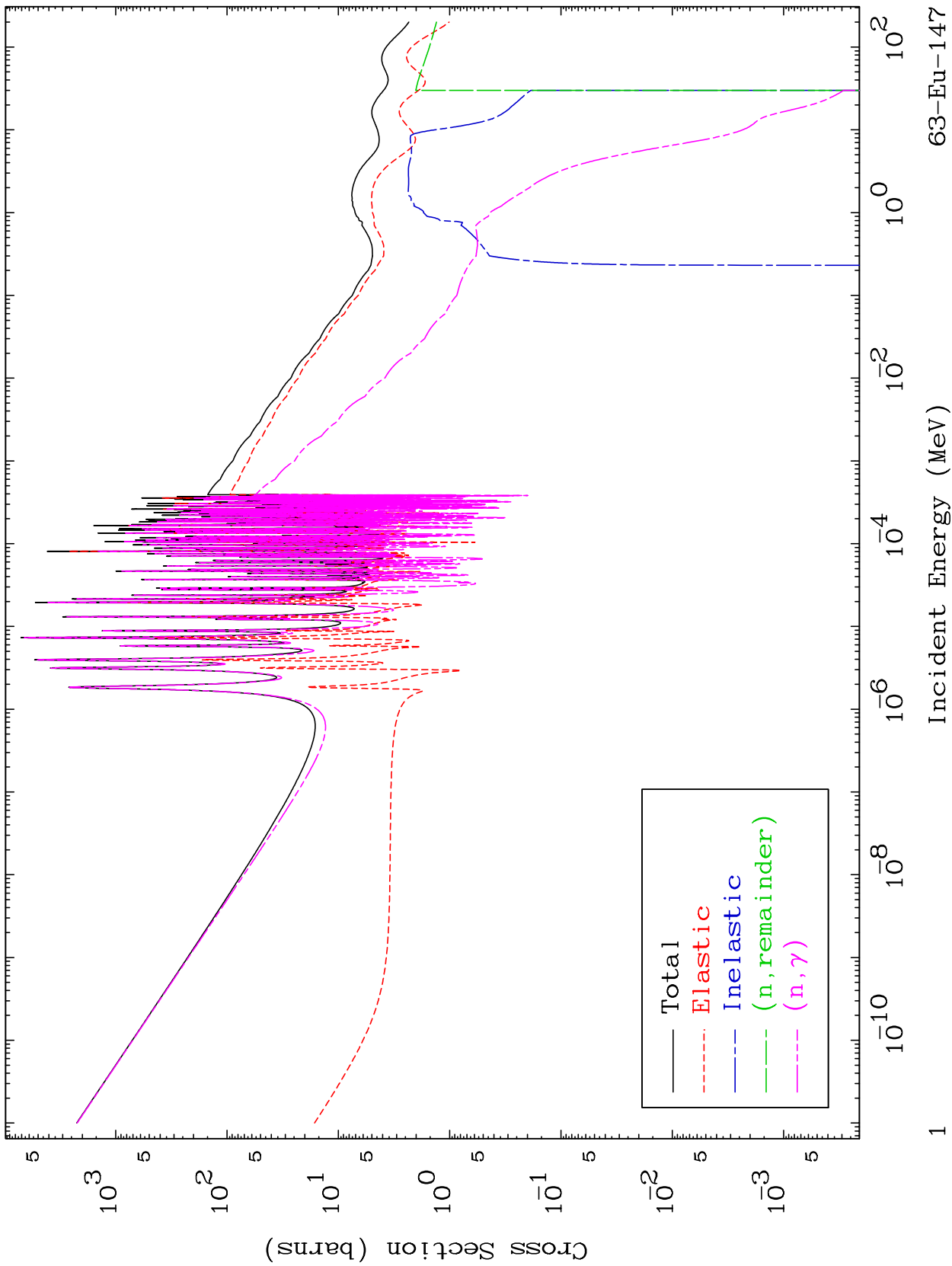
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6313

Major
293 Kelvin Cross Sections

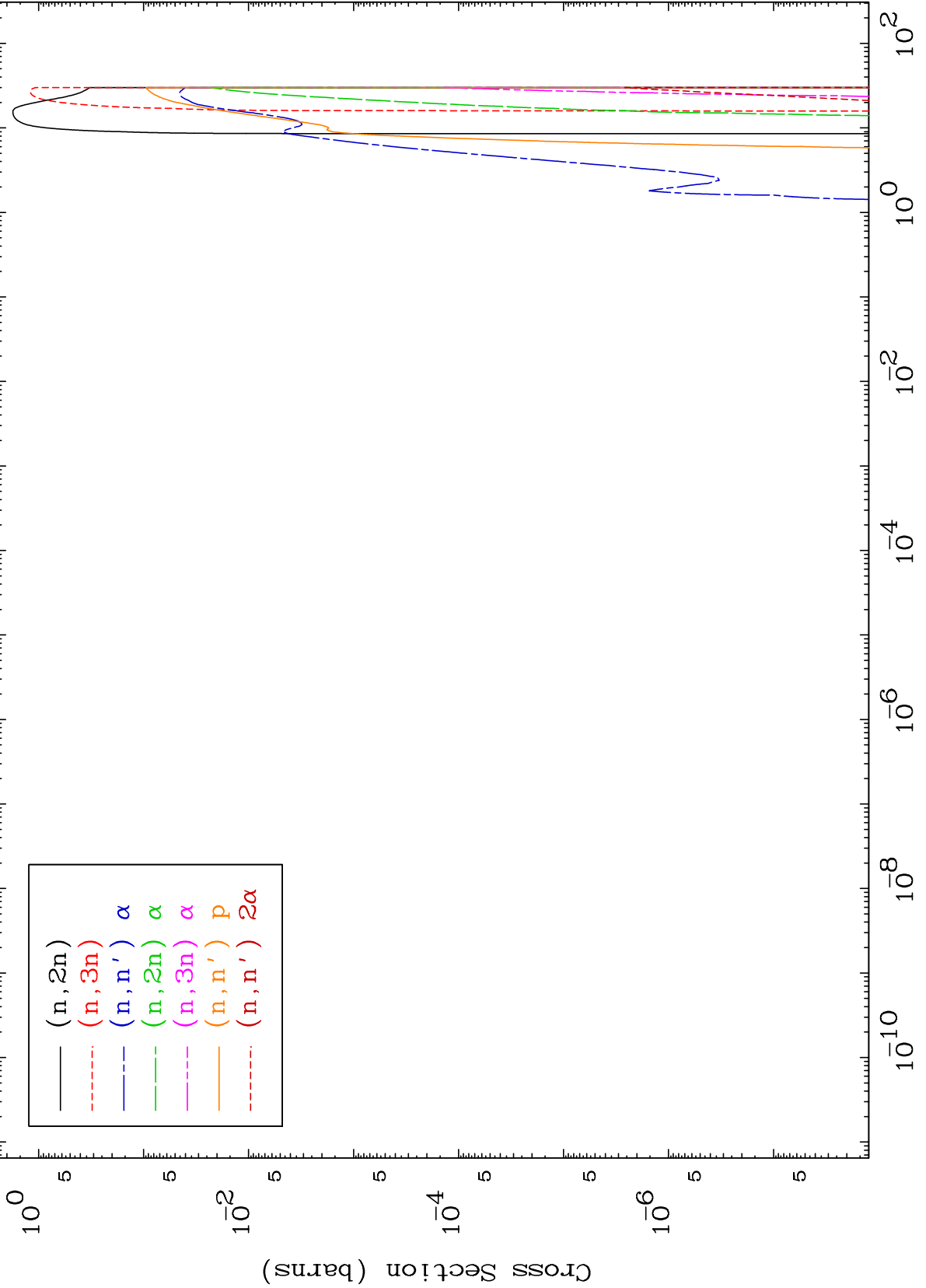
63-Eu-147



MAT 6313

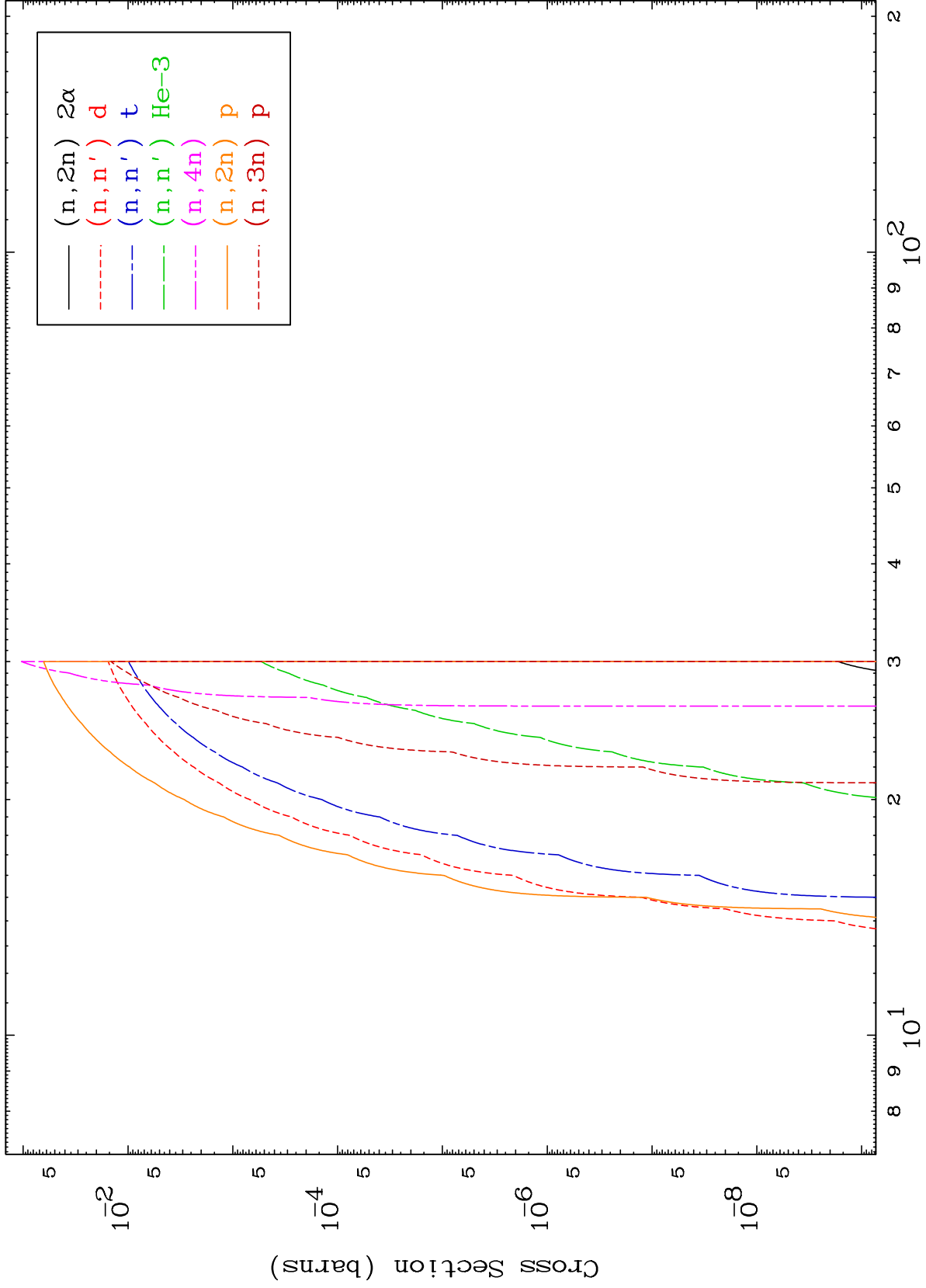
Neutron Production
293 Kelvin Cross Sections

63-Eu-147



63-Eu-147

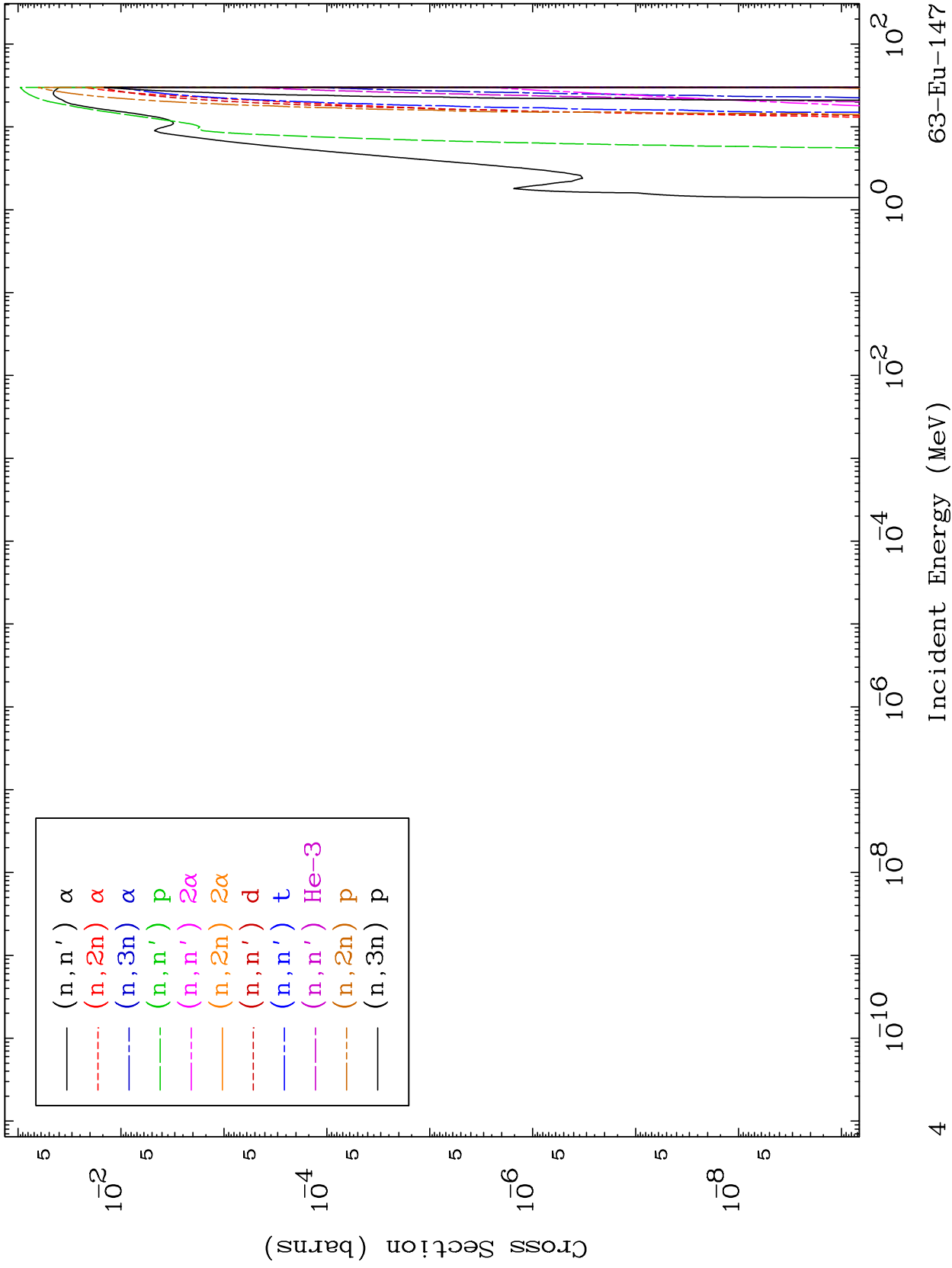
Incident Energy (MeV)



MAT 6313

Charged Particle
293 Kelvin Cross Sections

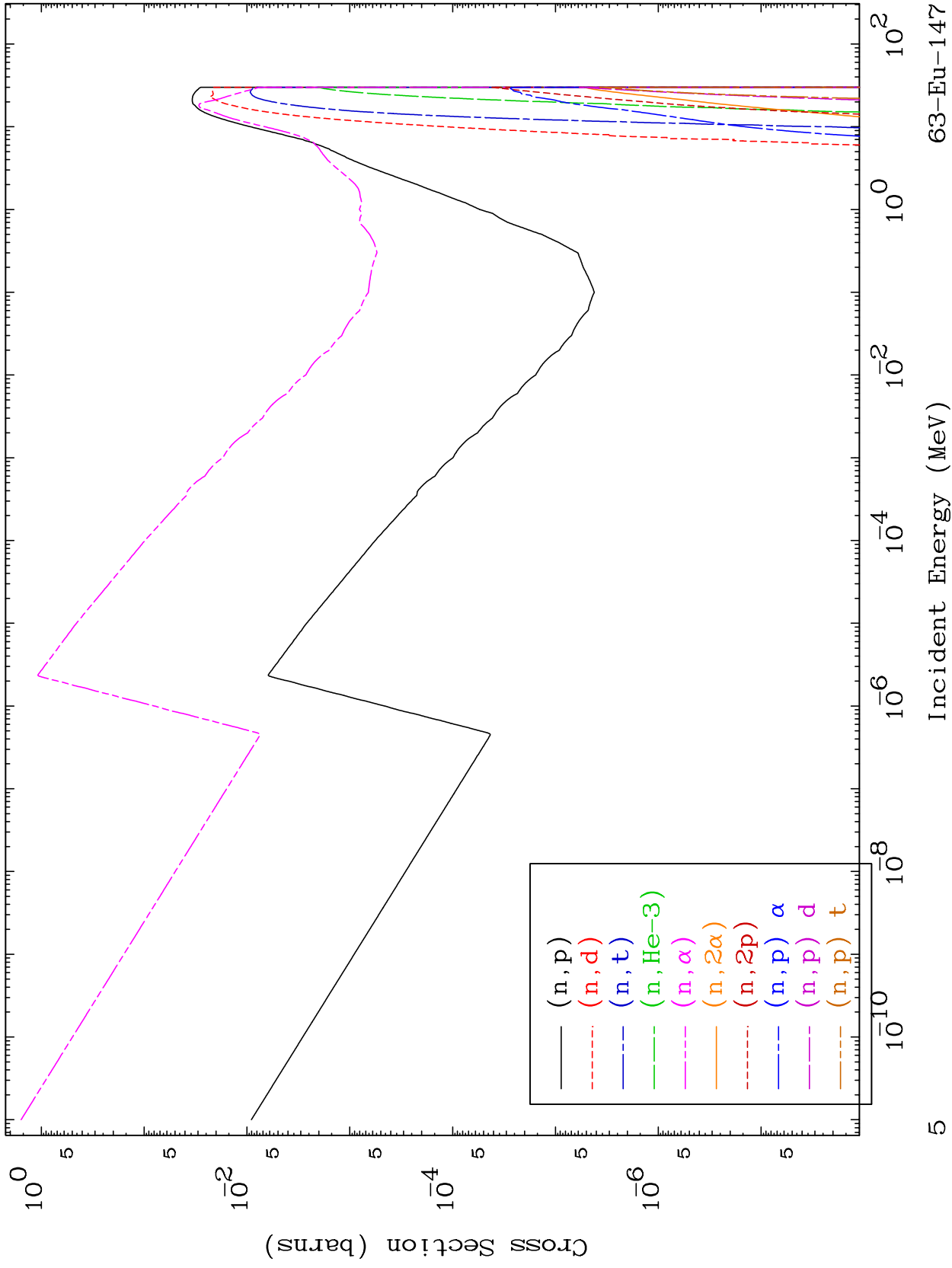
63-Eu-147



MAT 6313

Charged Particle
293 Kelvin Cross Sections

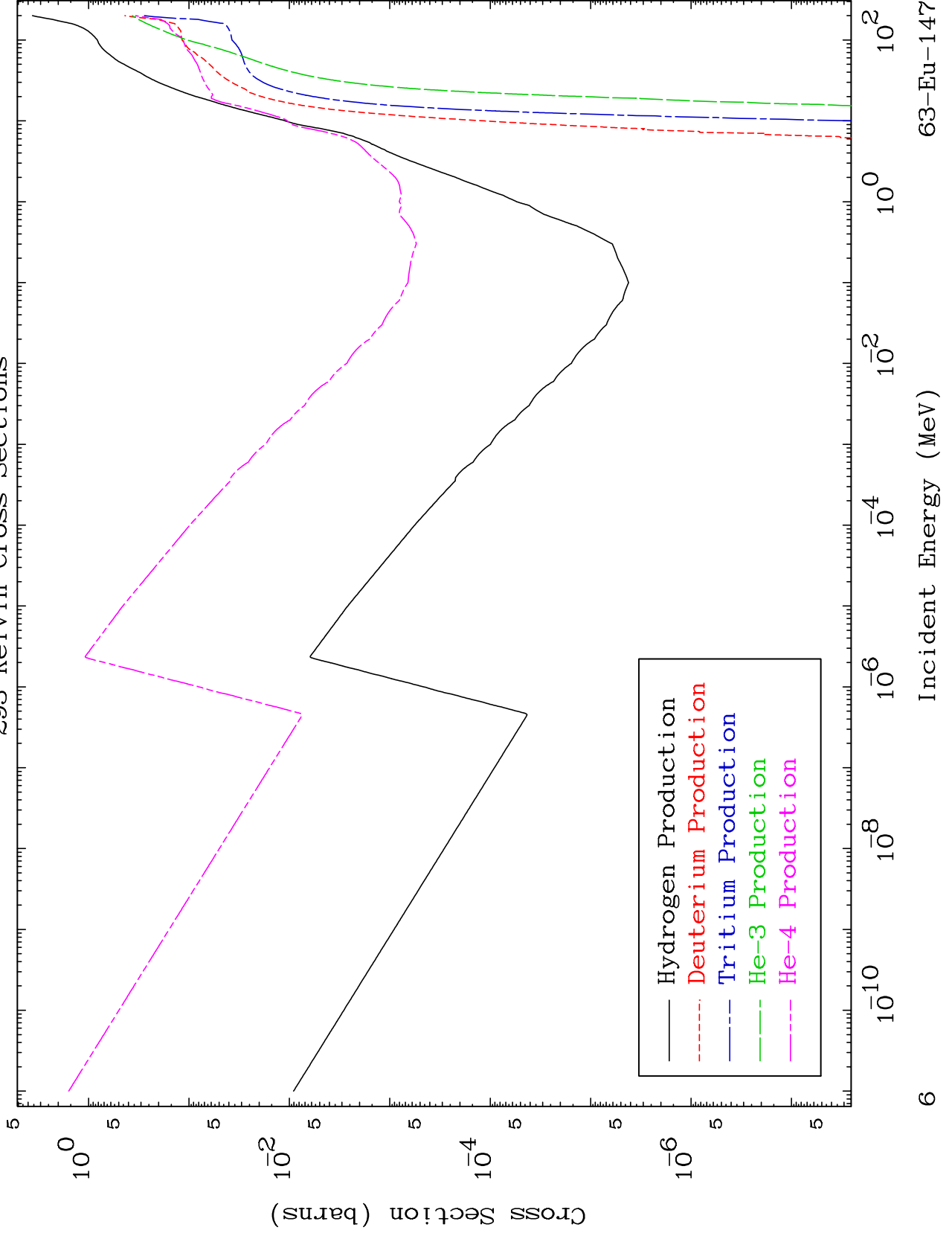
63-Eu-147



MAT 6313

Particle Production
293 Kelvin Cross Sections

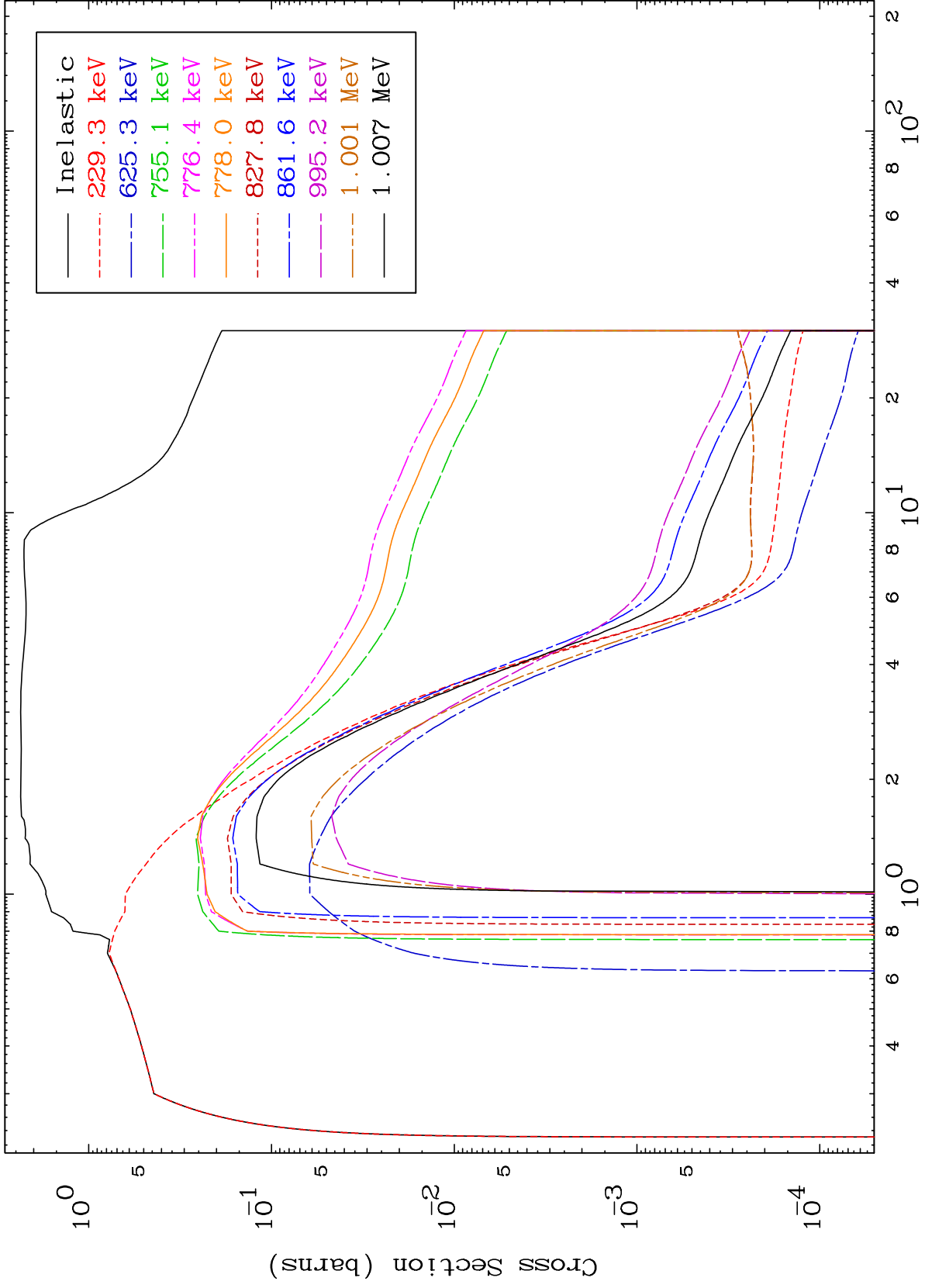
63-Eu-147



MAT 6313

(n,n') Level
293 Kelvin Cross Sections

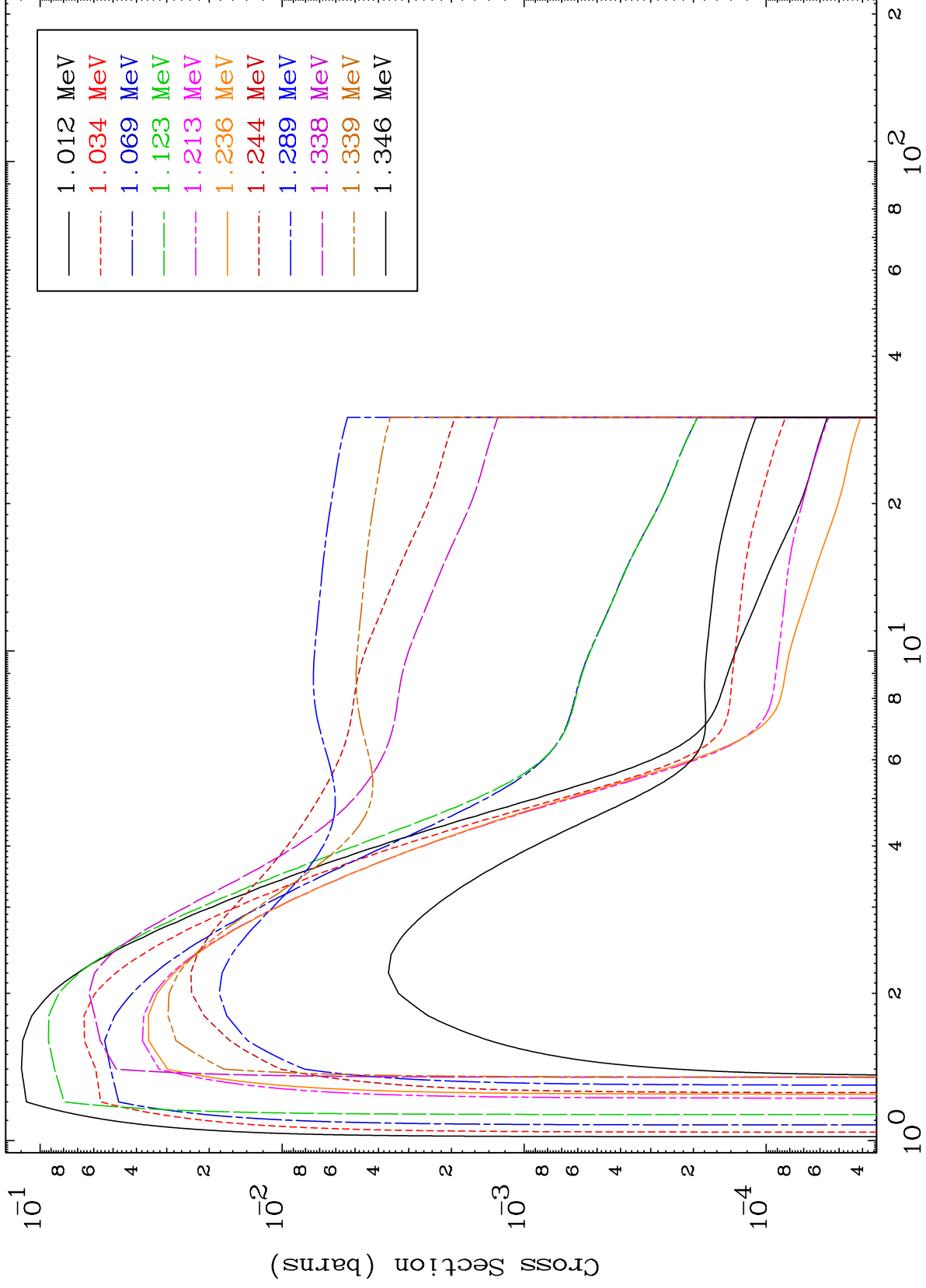
63-Eu-147



MAT 6313

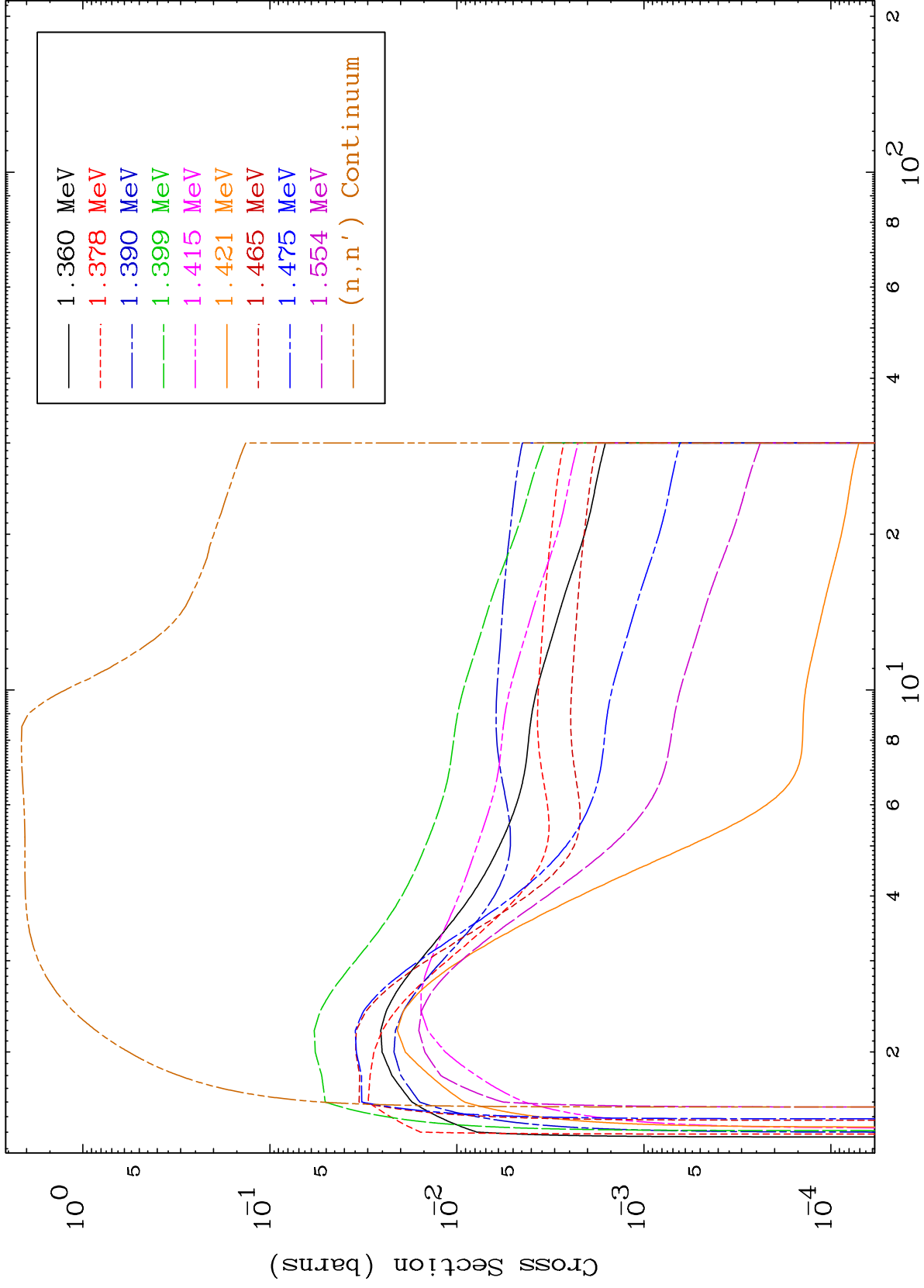
(n,n') Level
293 Kelvin Cross Sections

63-Eu-147



Incident Energy (MeV)

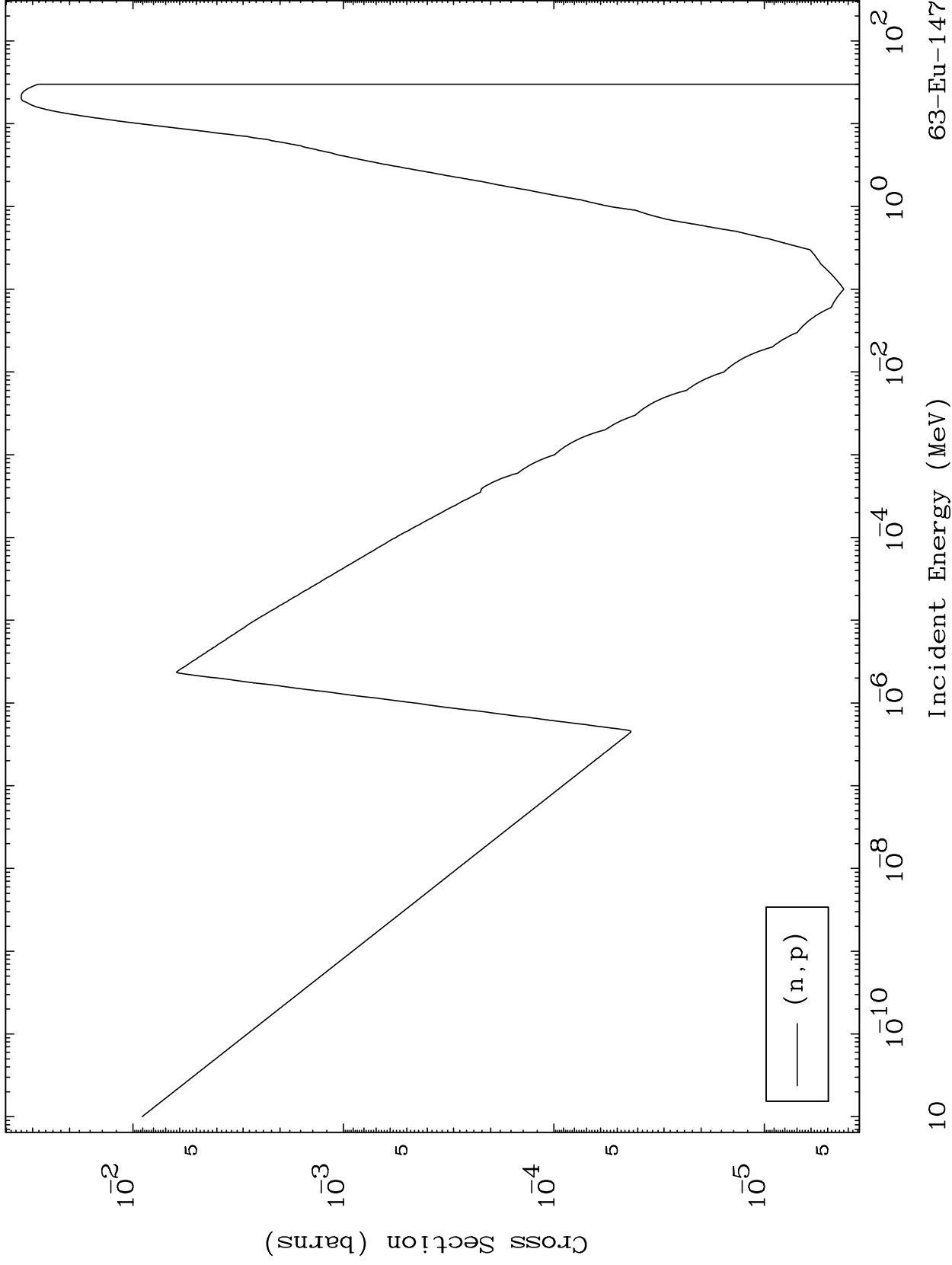
63-Eu-147



MAT 6313

(n,p) Levels
293 Kelvin Cross Sections

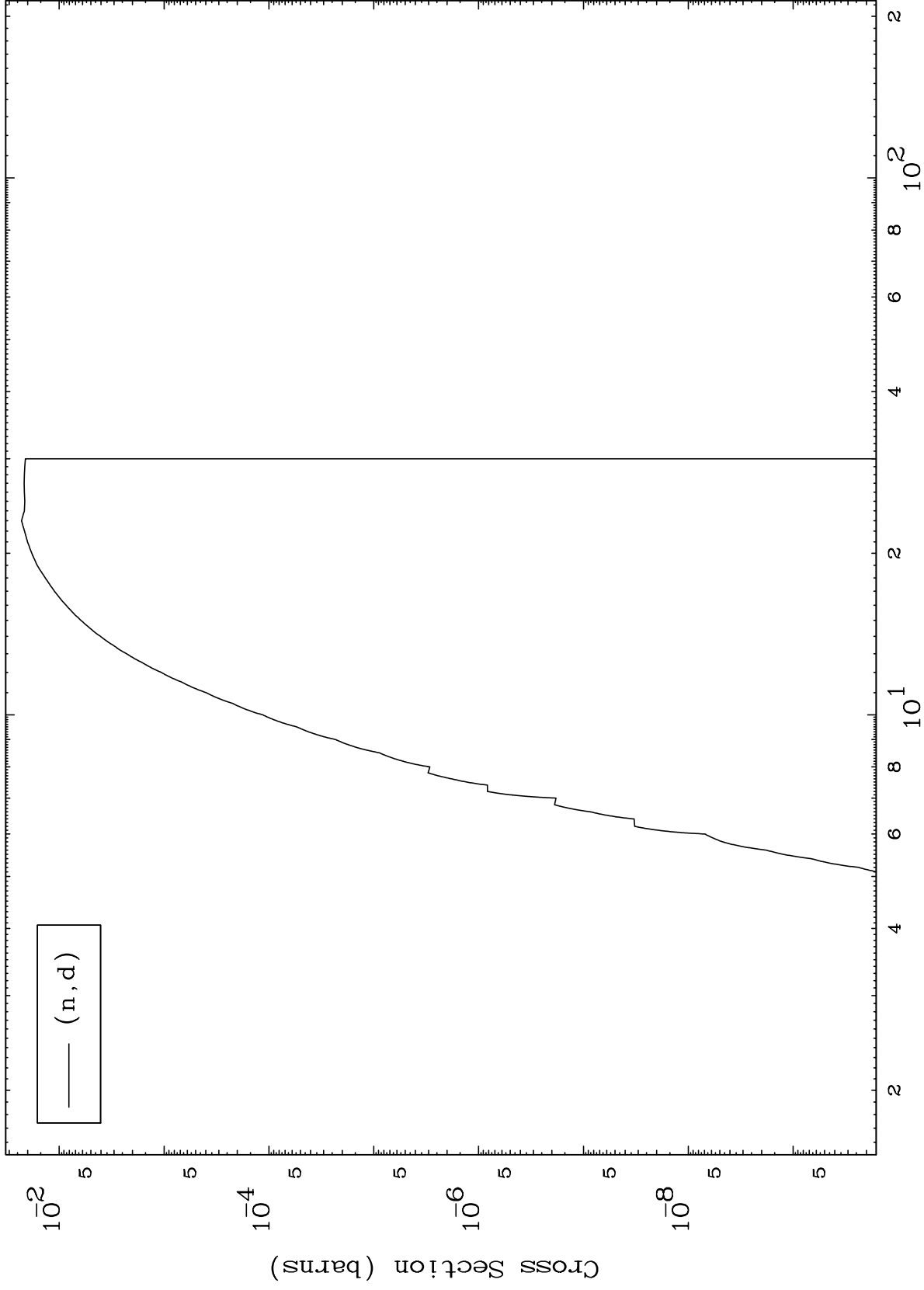
63-Eu-147



MAT 6313

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-147



11

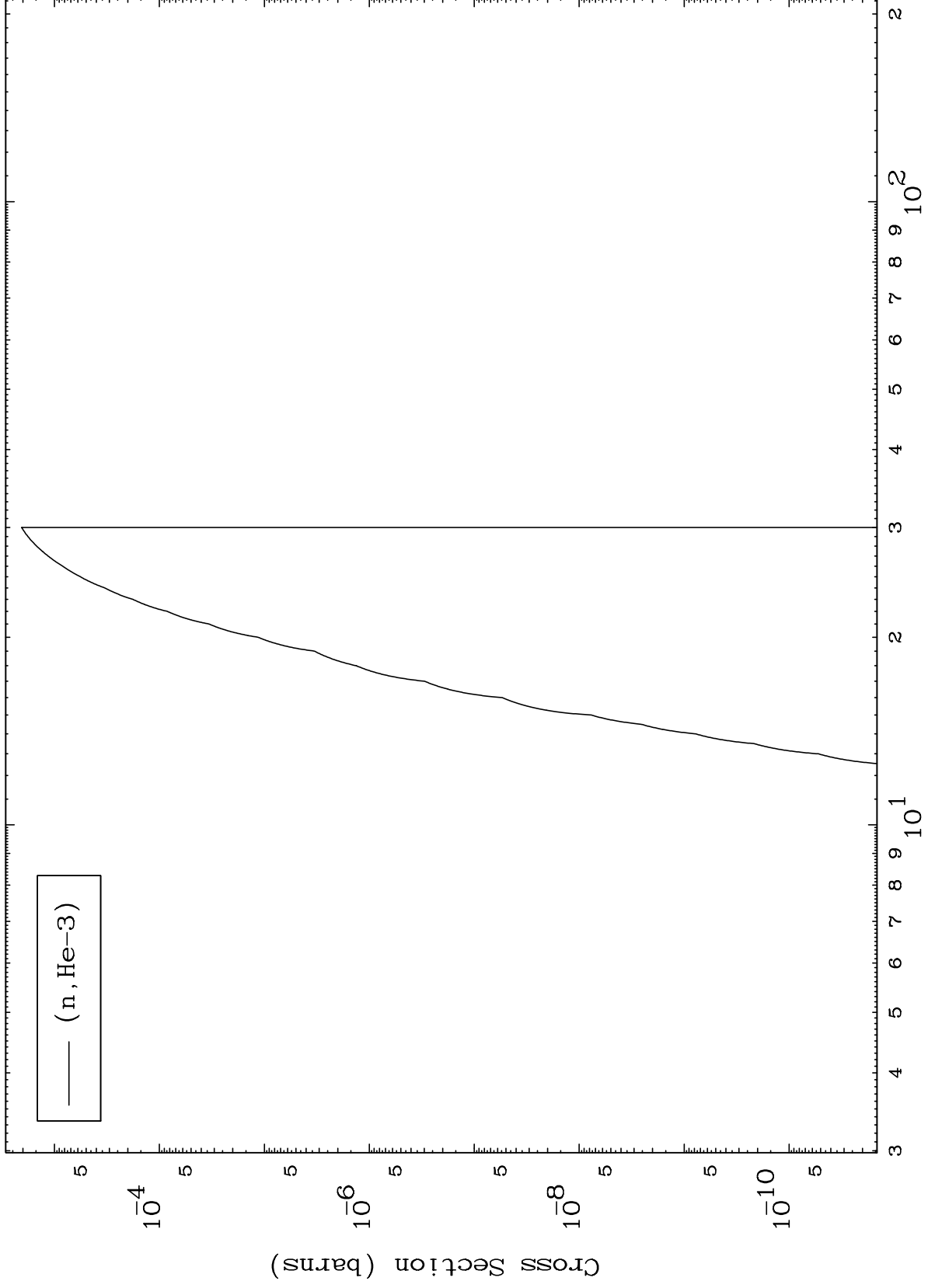
Incident Energy (MeV)

63-Eu-147

MAT 6313

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-147



13

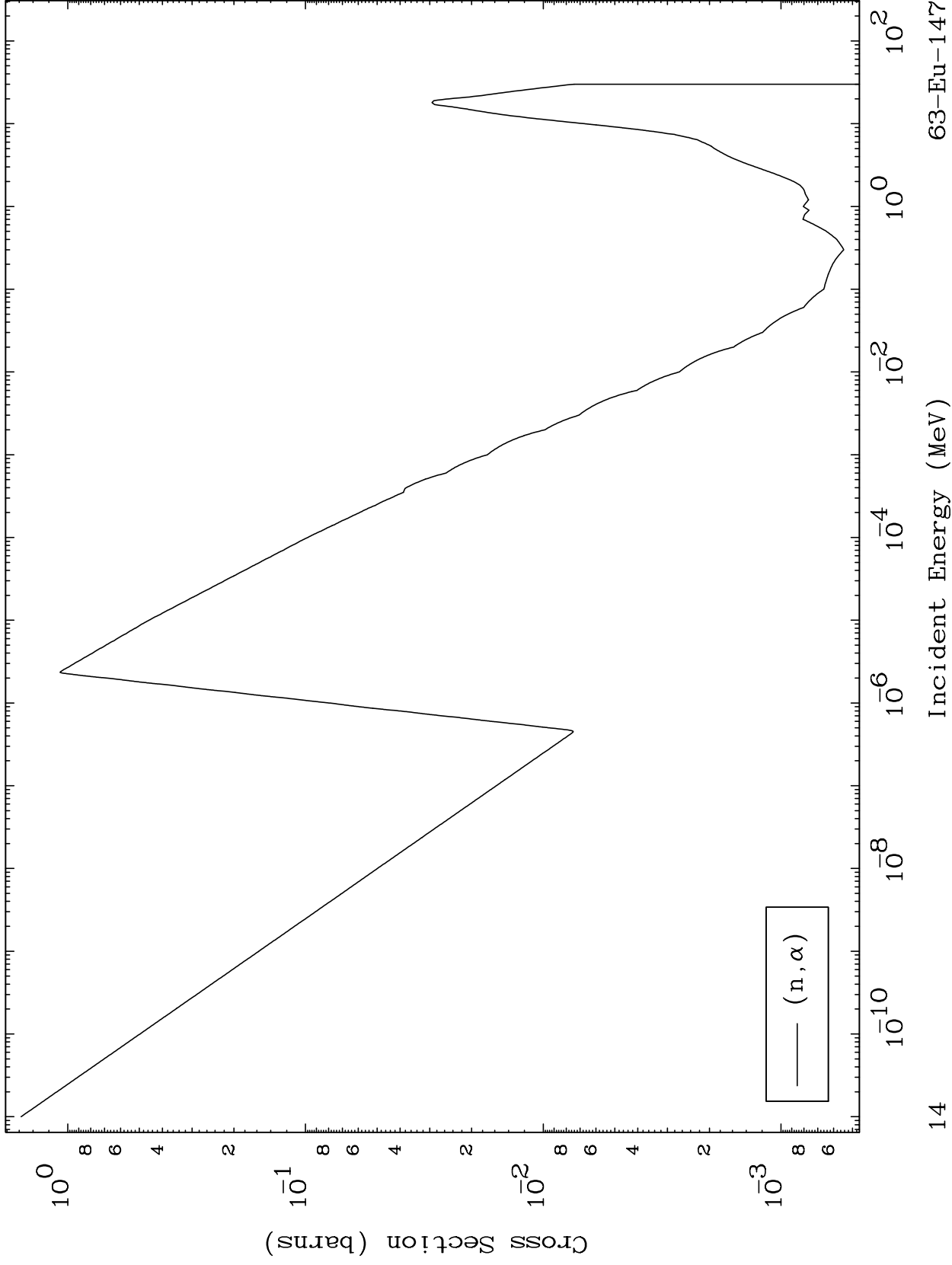
Incident Energy (MeV)

63-Eu-147

MAT 6313

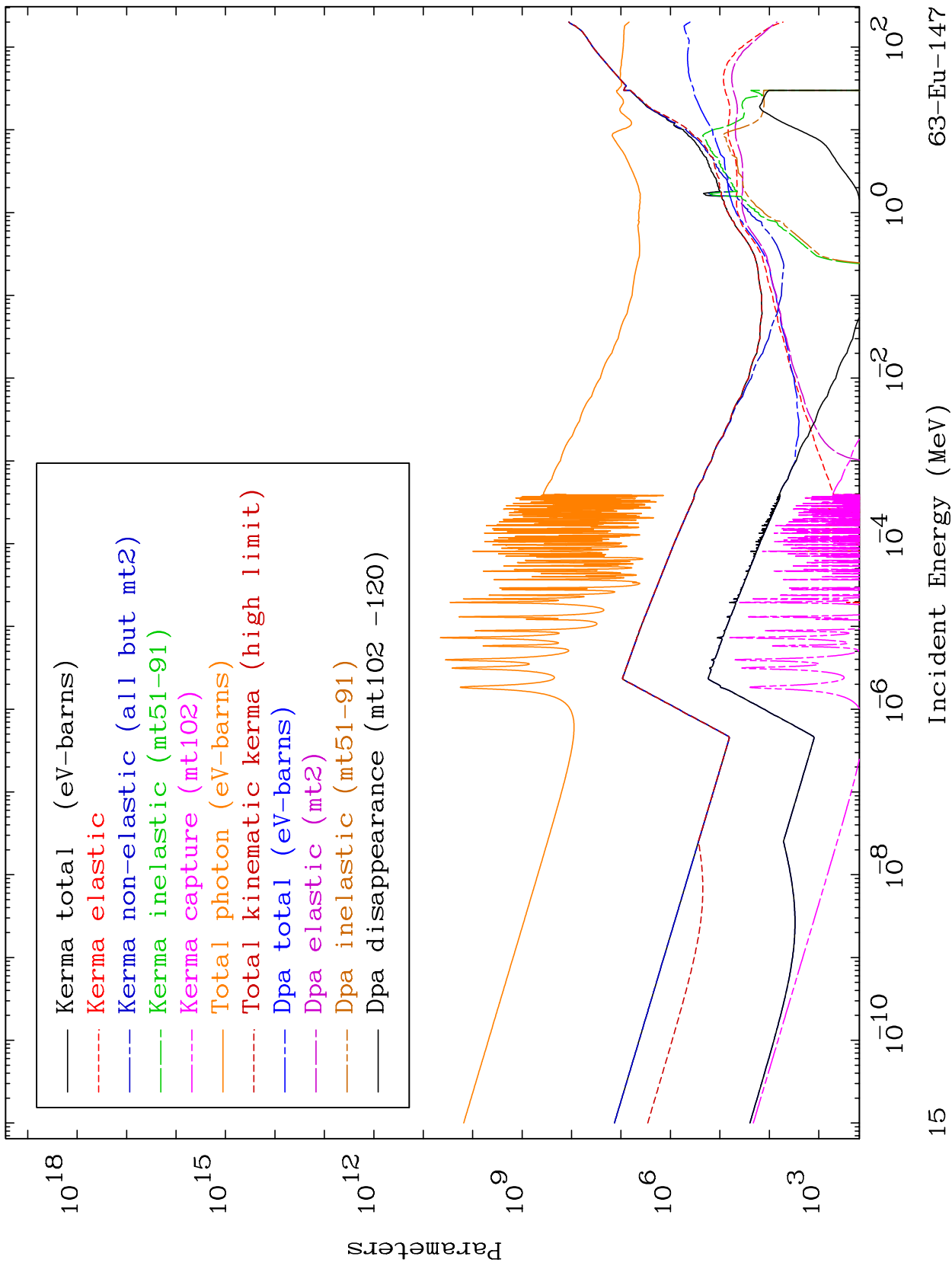
(n, α) Levels
293 Kelvin Cross Sections

63-Eu-147



Incident Energy (MeV)

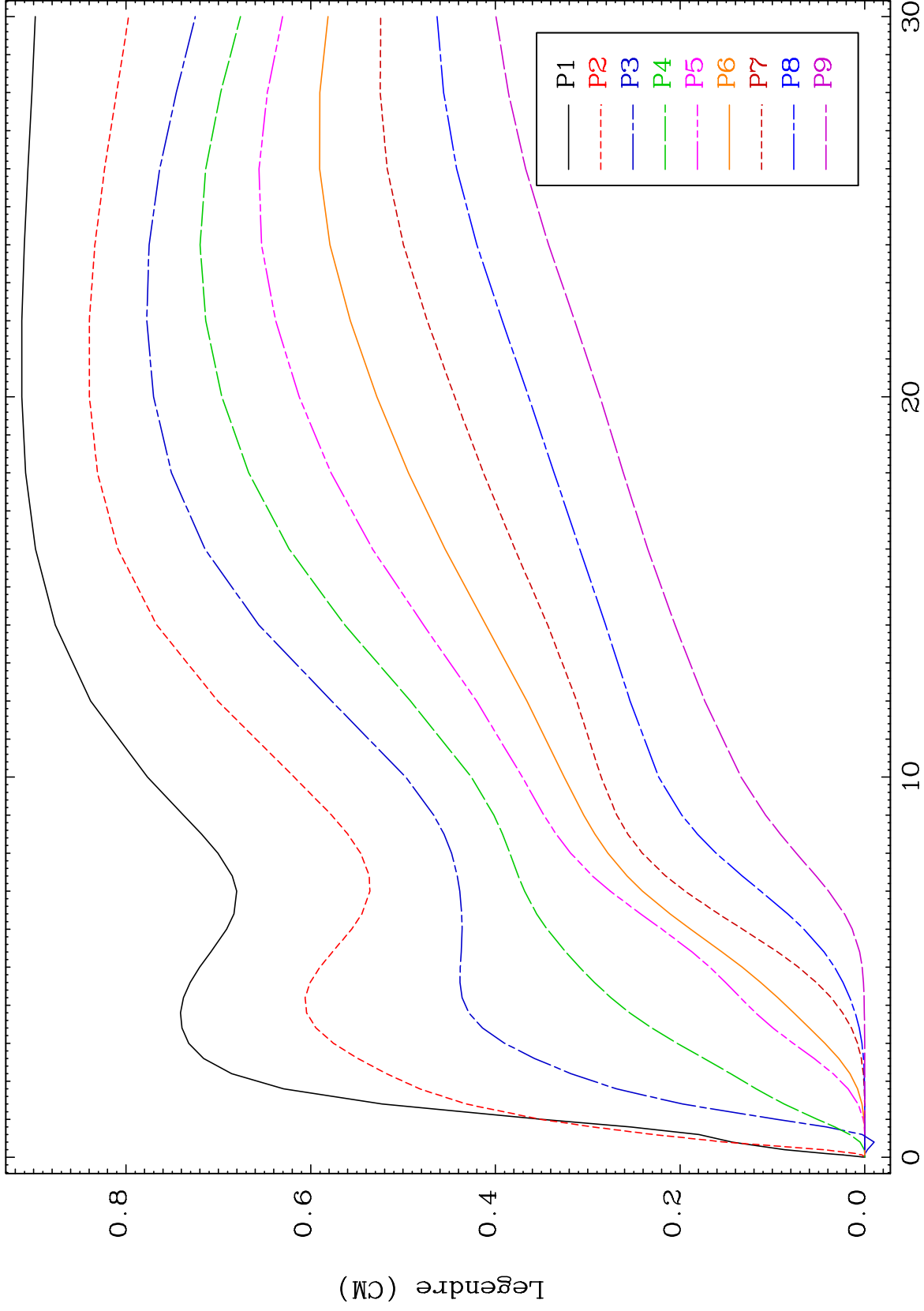
63-Eu-147



MAT 6313

Elastic Legendre Coefficients

63-Eu-147



16

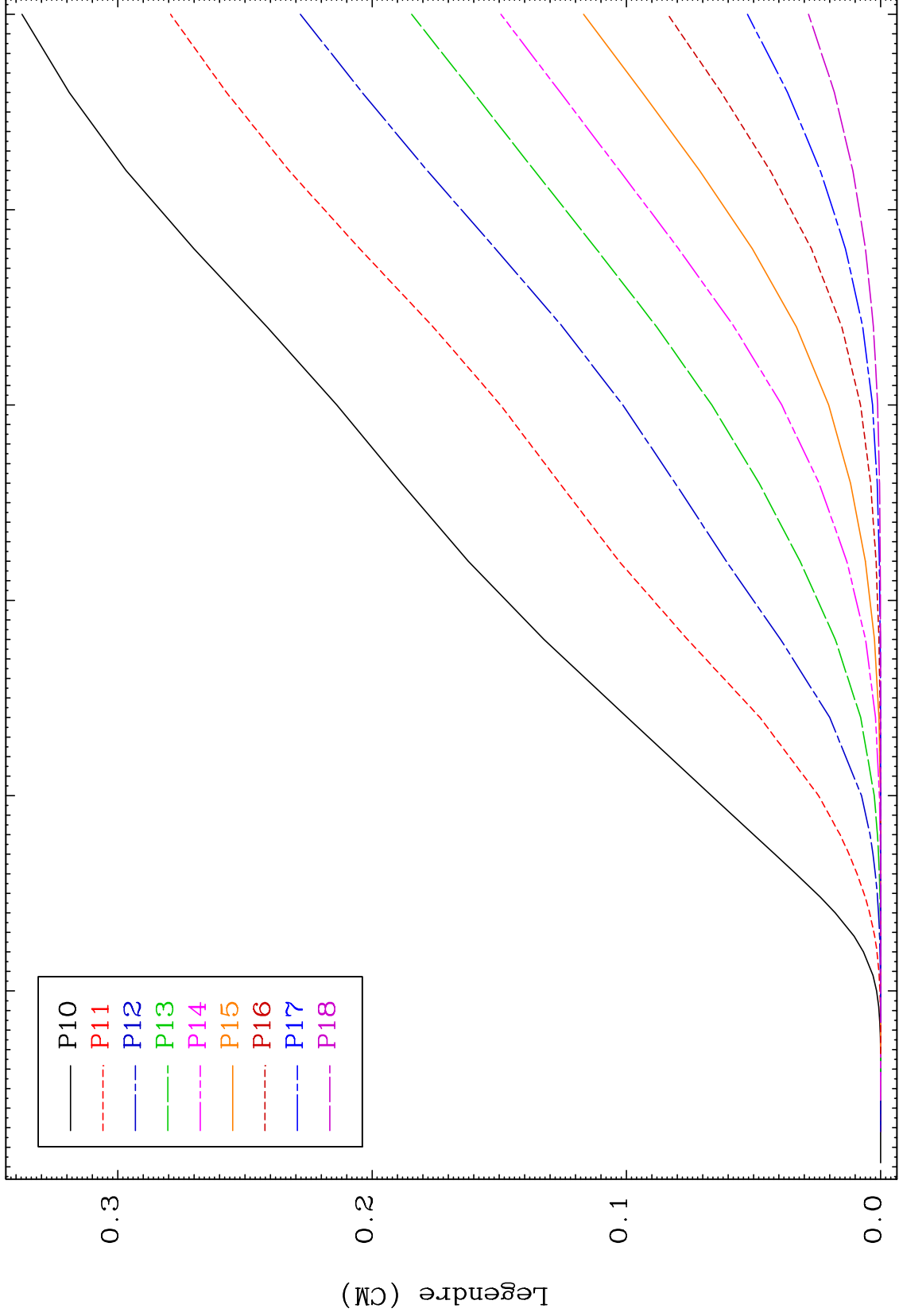
Incident Energy (MeV)

63-Eu-147

MAT 6313

Elastic
Legendre Coefficients

63-Eu-147



17

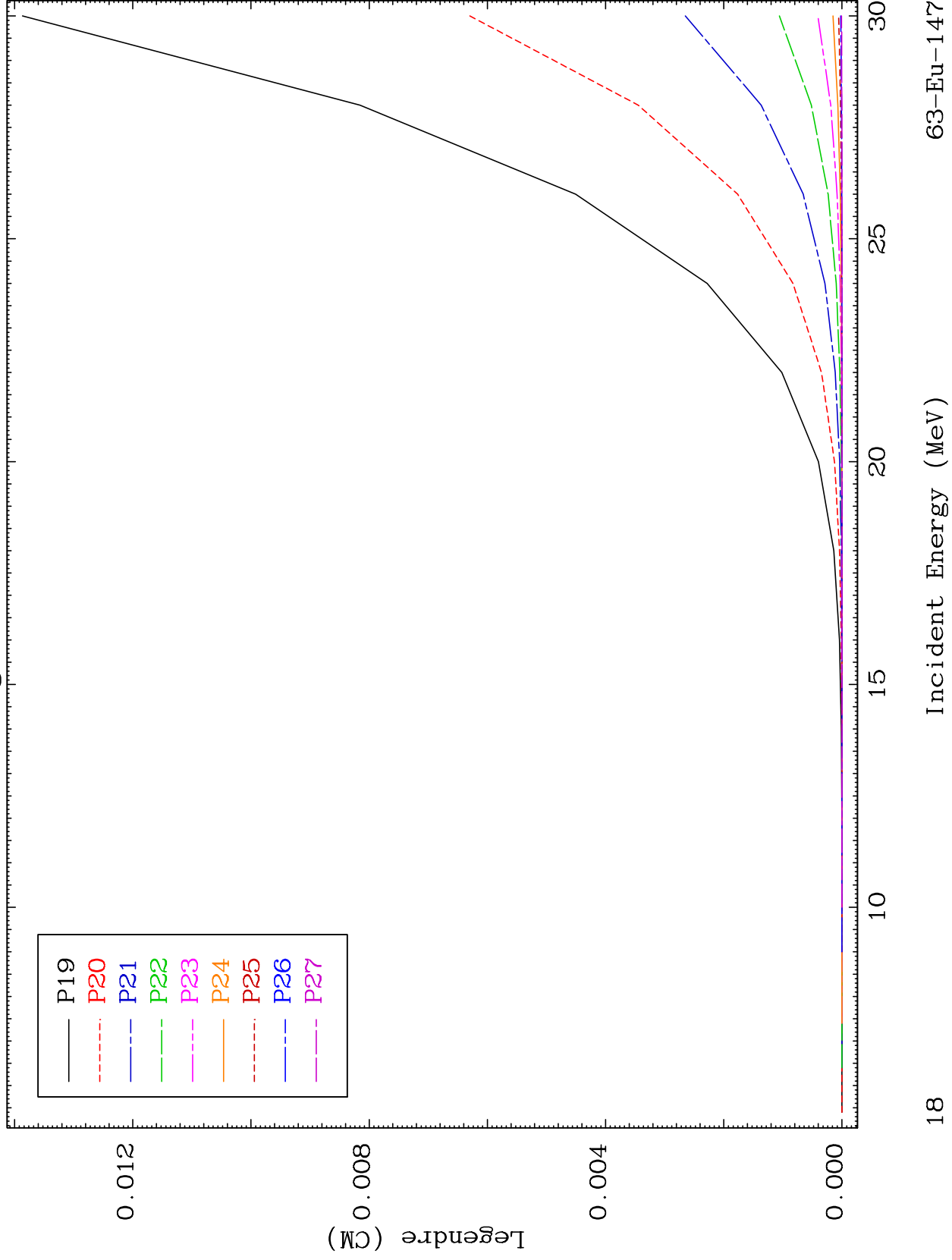
Incident Energy (MeV)

63-Eu-147

MAT 6313

Elastic Legendre Coefficients

63-Eu-147



18

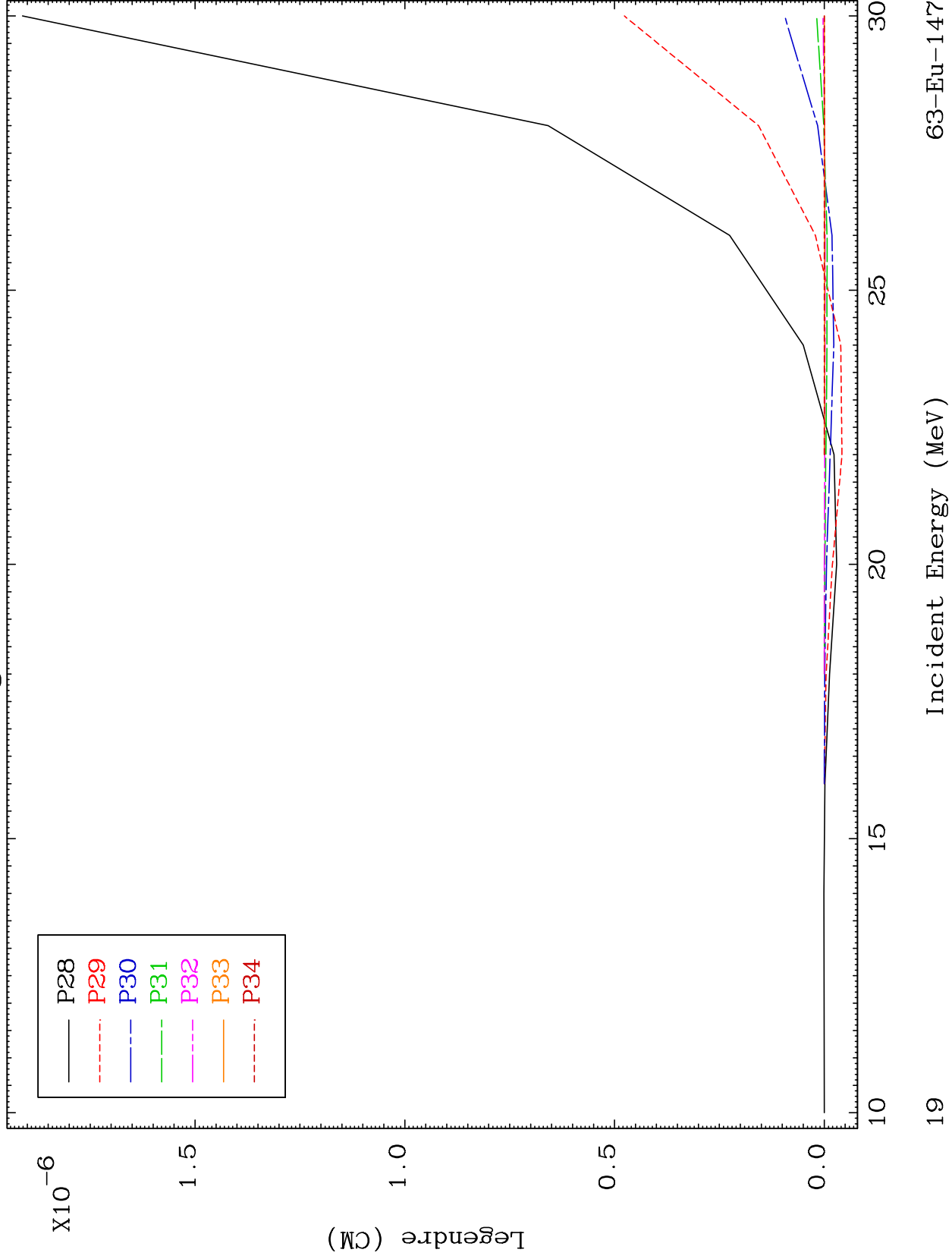
Incident Energy (MeV)

63-Eu-147

MAT 6313

Elastic Legendre Coefficients

63-Eu-147



63-Eu-147

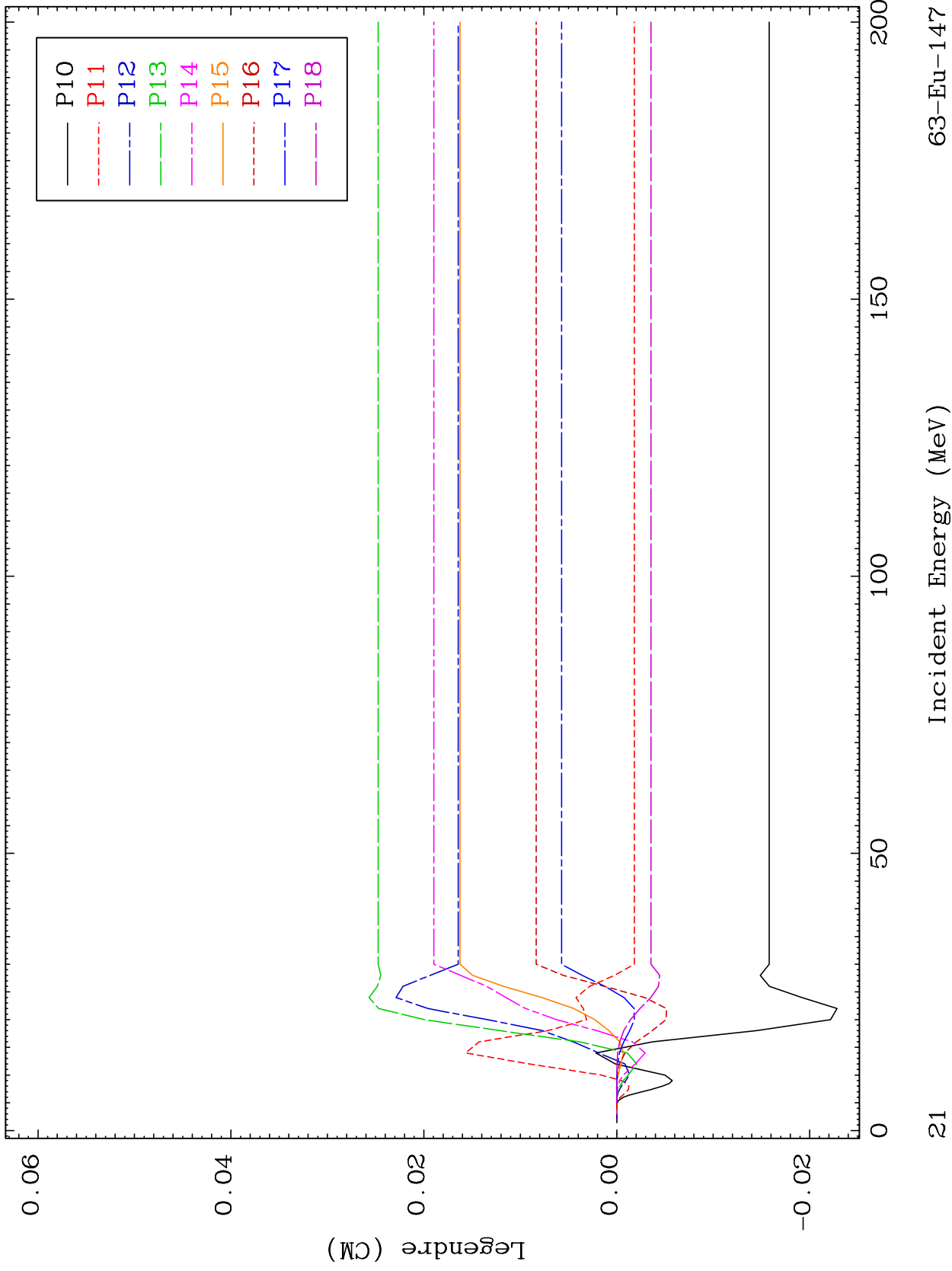
Incident Energy (MeV)

19

MAT 6313

229.3 keV (n,n') Level
Legendre Coefficients

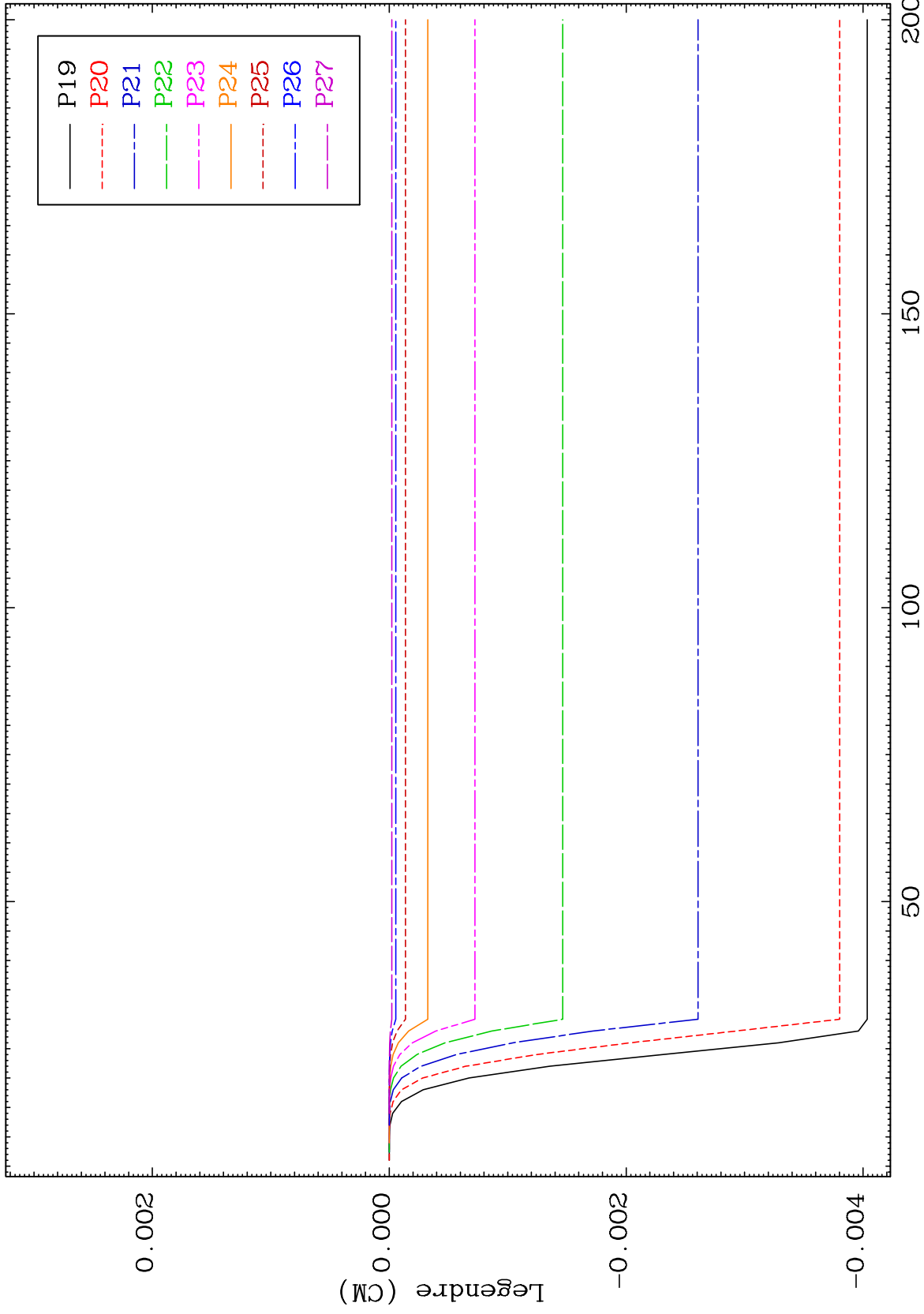
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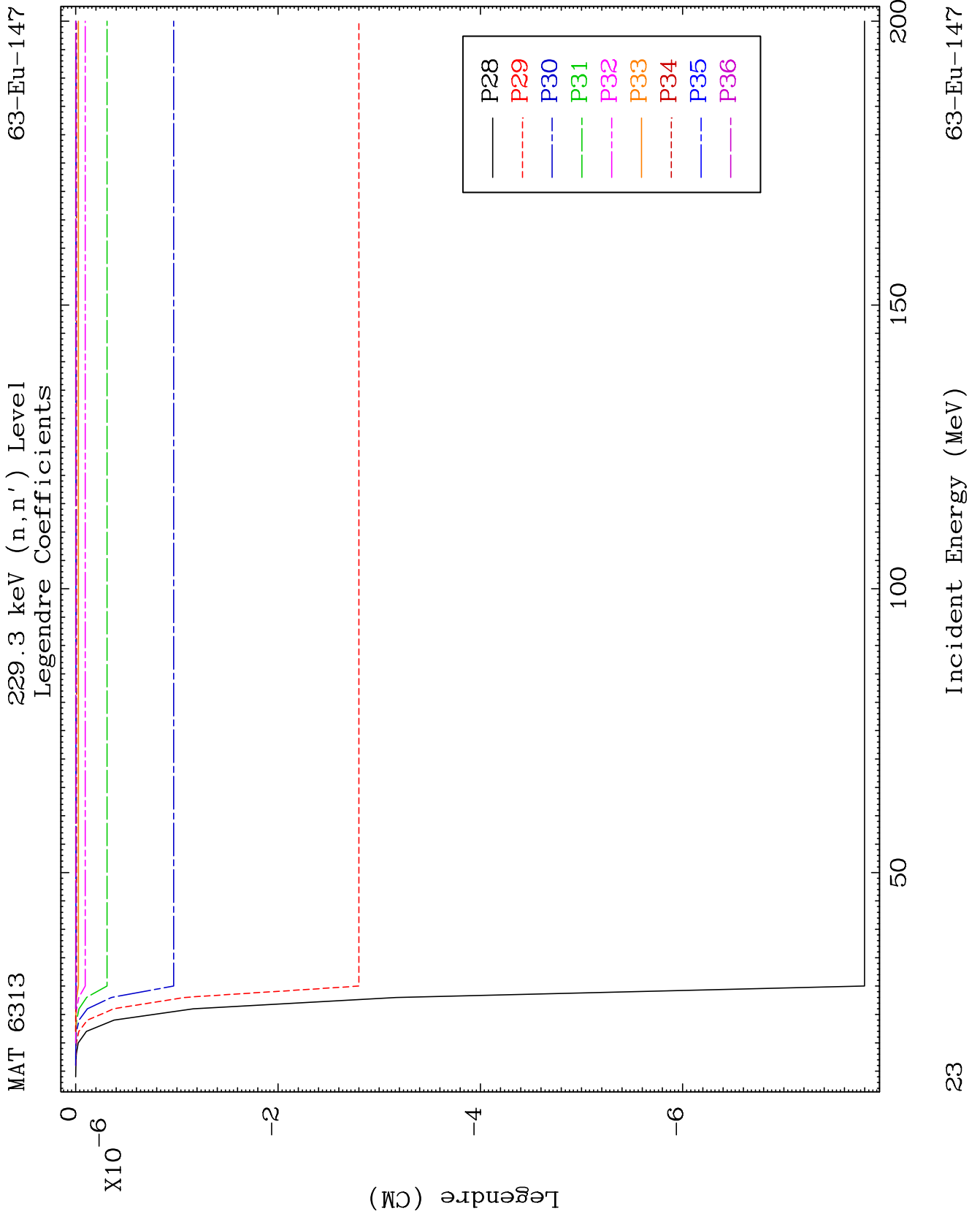


63-Eu-147

Incident Energy (MeV)

21

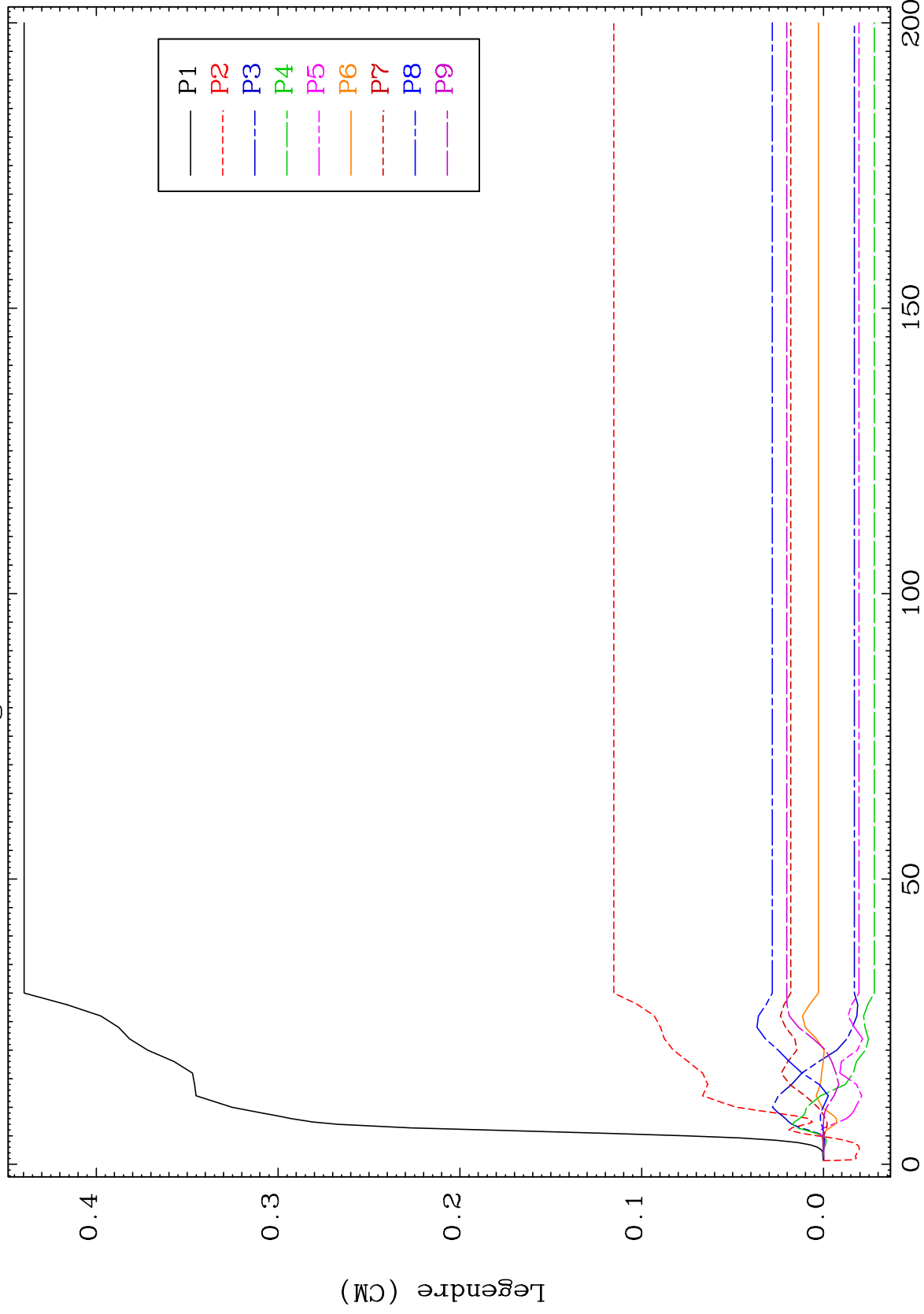




MAT 6313

625.3 keV (n,n') Level
Legendre Coefficients

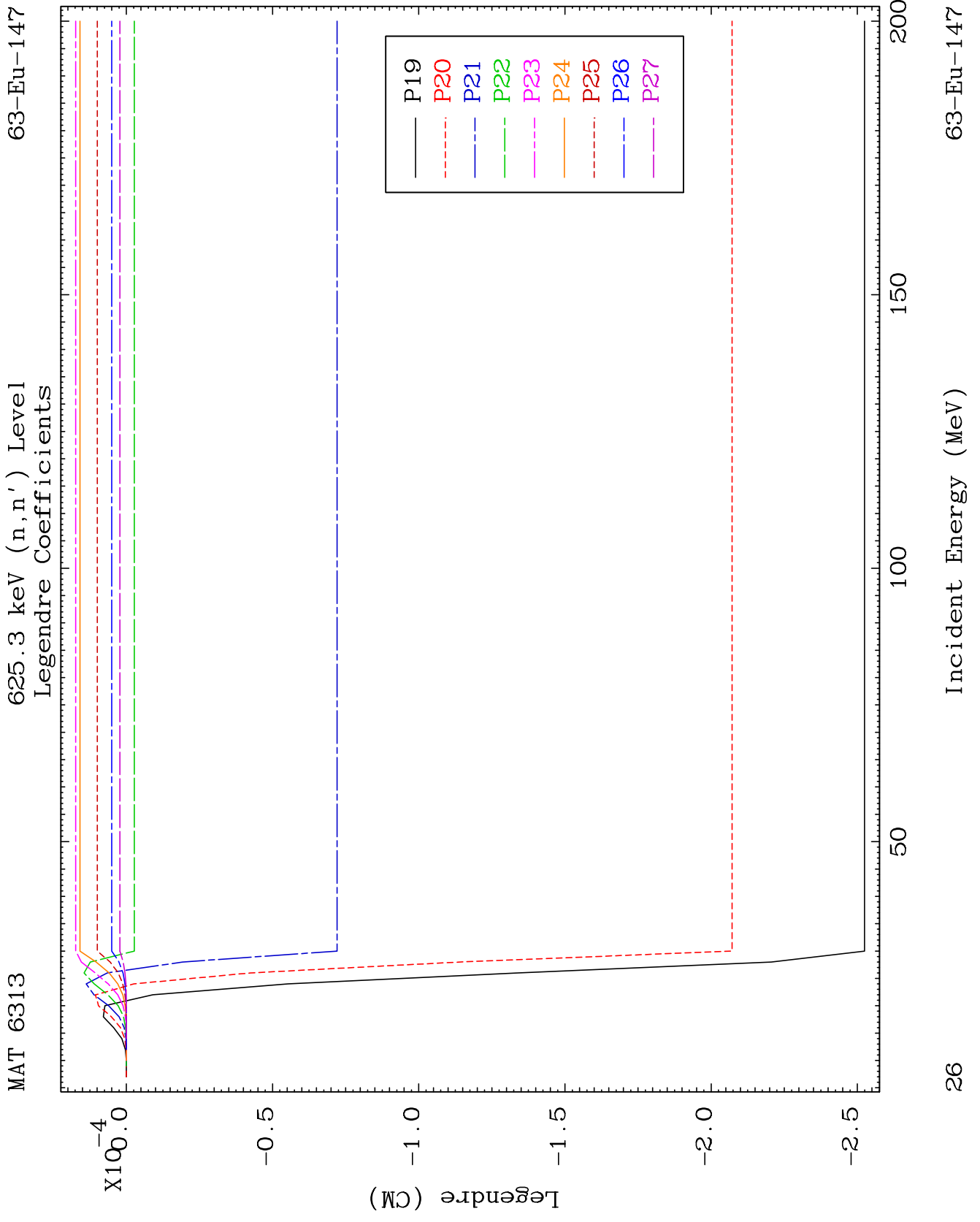
63-Eu-147



24

Incident Energy (MeV)

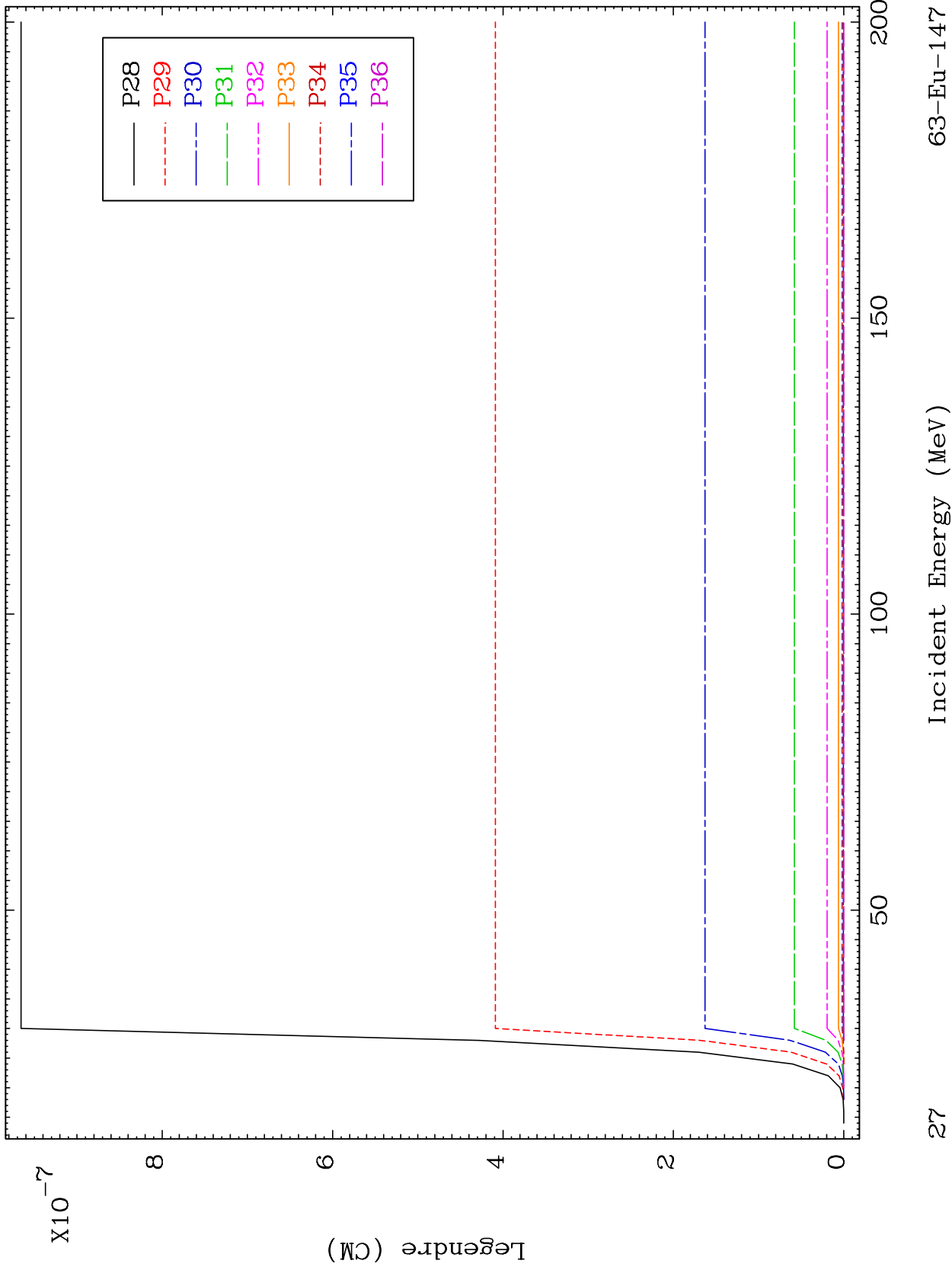
63-Eu-147



MAT 6313

625.3 keV (n,n') Level
Legendre Coefficients

63-Eu-147



27

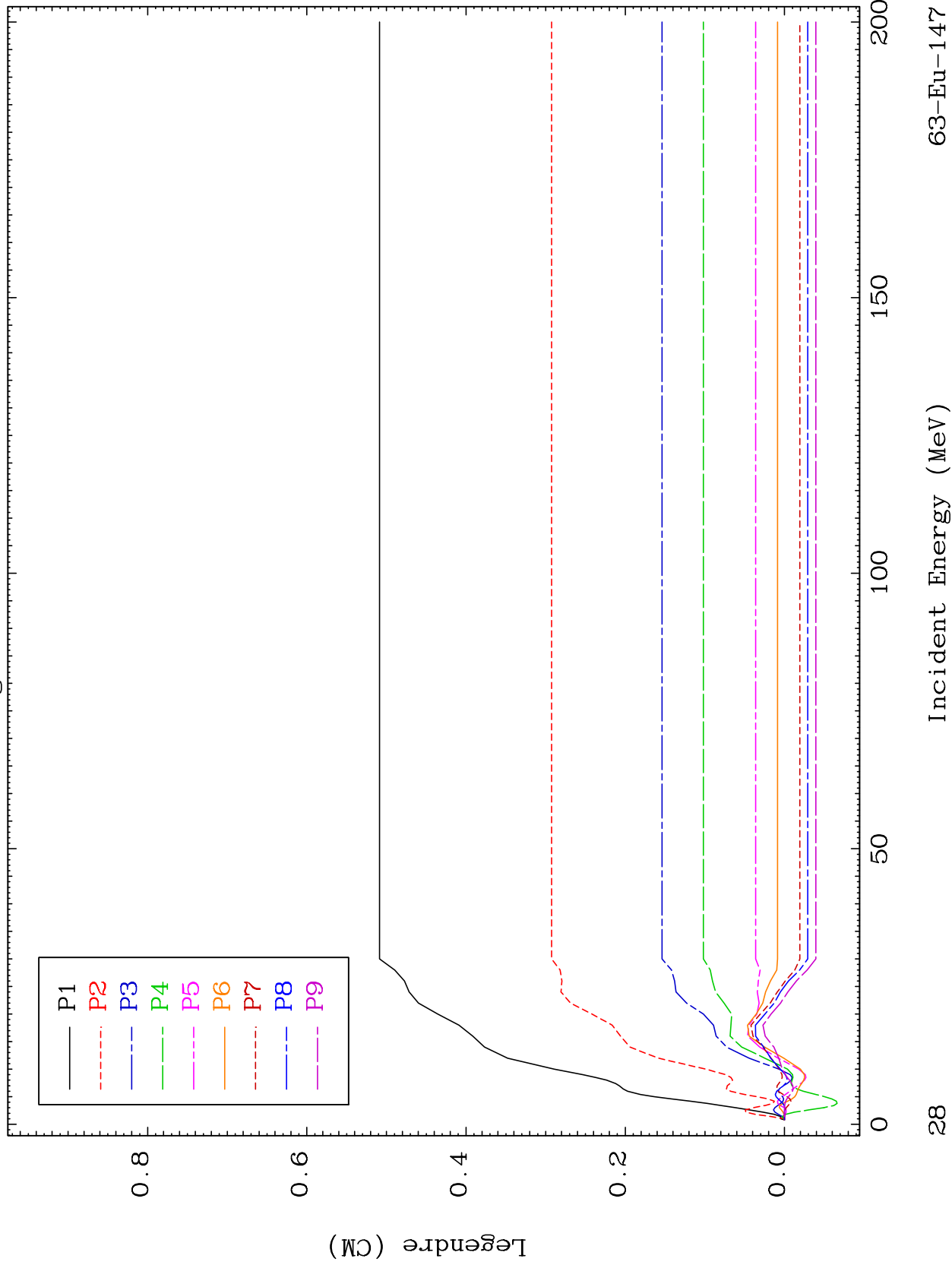
Incident Energy (MeV)

63-Eu-147

MAT 6313

755.1 keV (n,n') Level
Legendre Coefficients

63-Eu-147



63-Eu-147

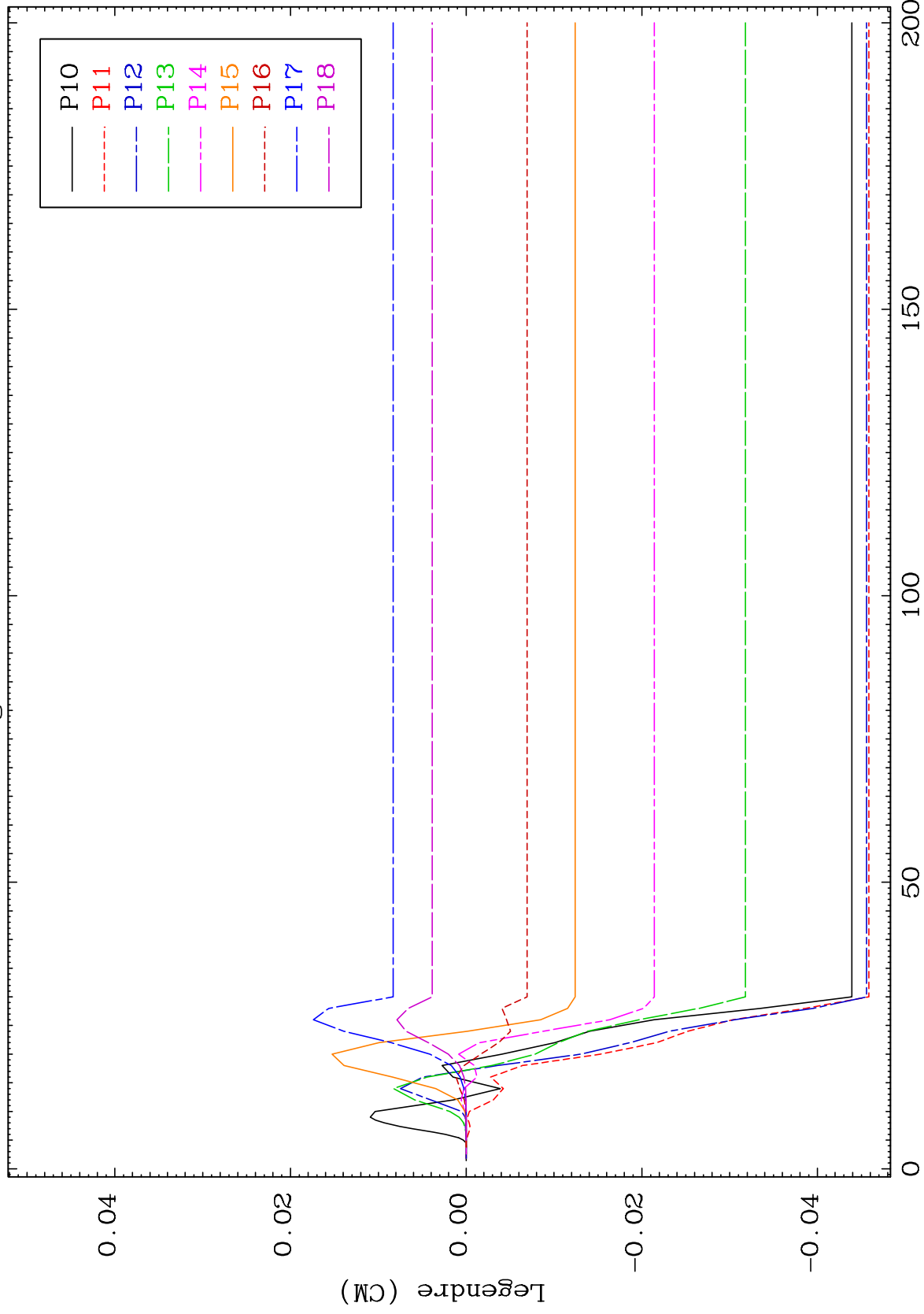
Incident Energy (MeV)

28

MAT 6313

755.1 keV (n,n') Level
Legendre Coefficients

63-Eu-147



29

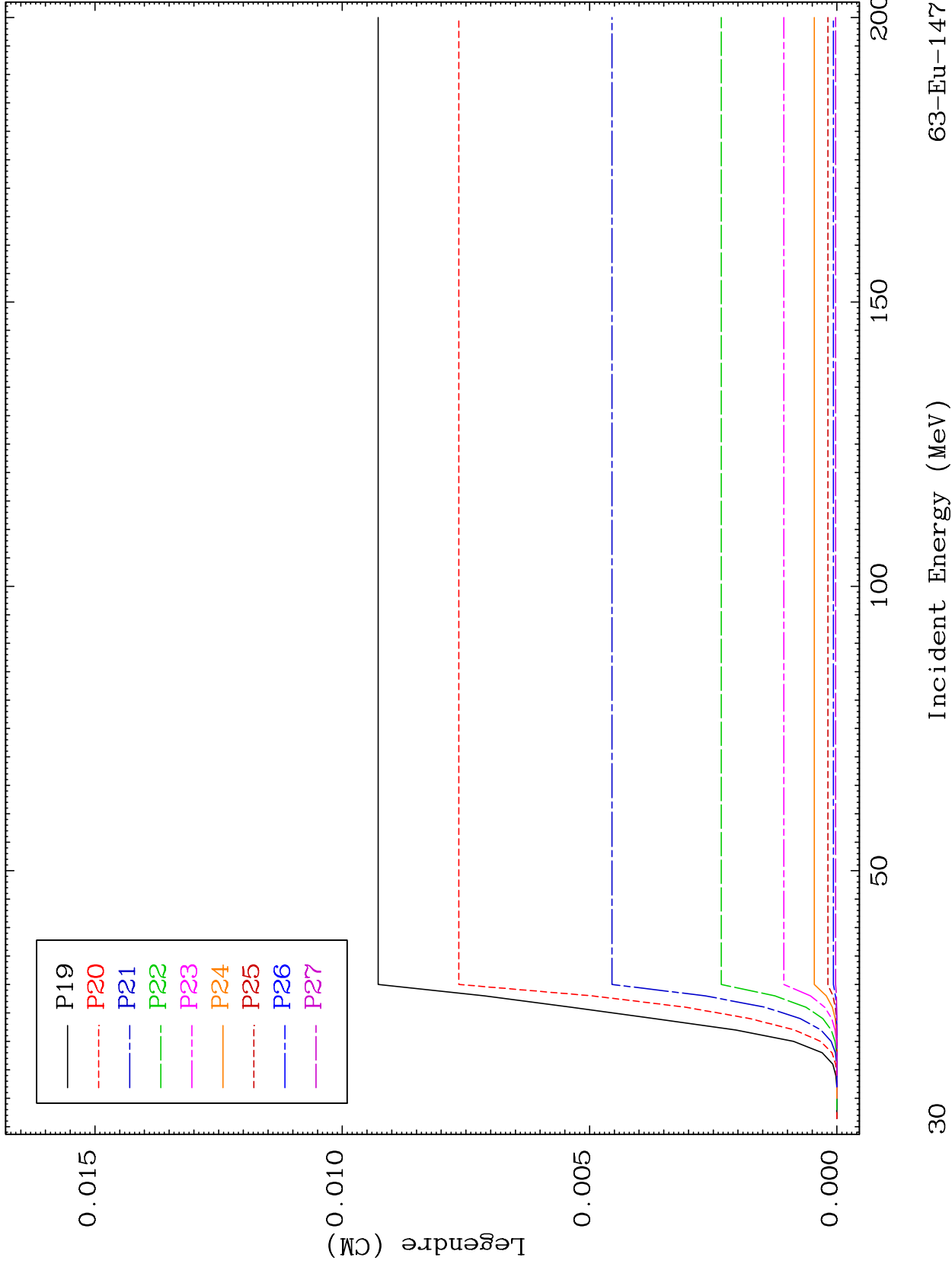
Incident Energy (MeV)

63-Eu-147

MAT 6313

755.1 keV (n,n') Level
Legendre Coefficients

63-Eu-147



30

Incident Energy (MeV)

63-Eu-147

200

150

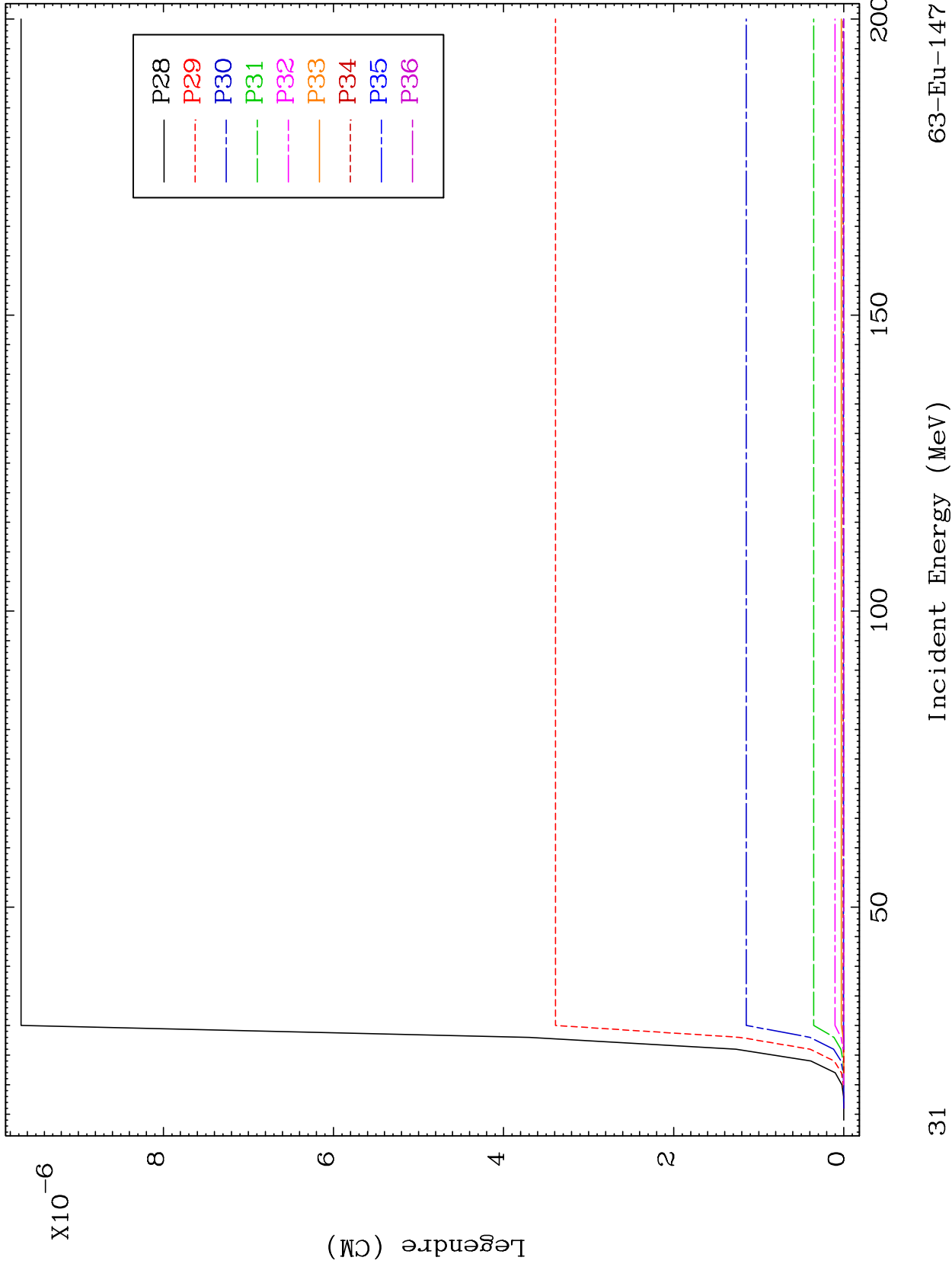
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50

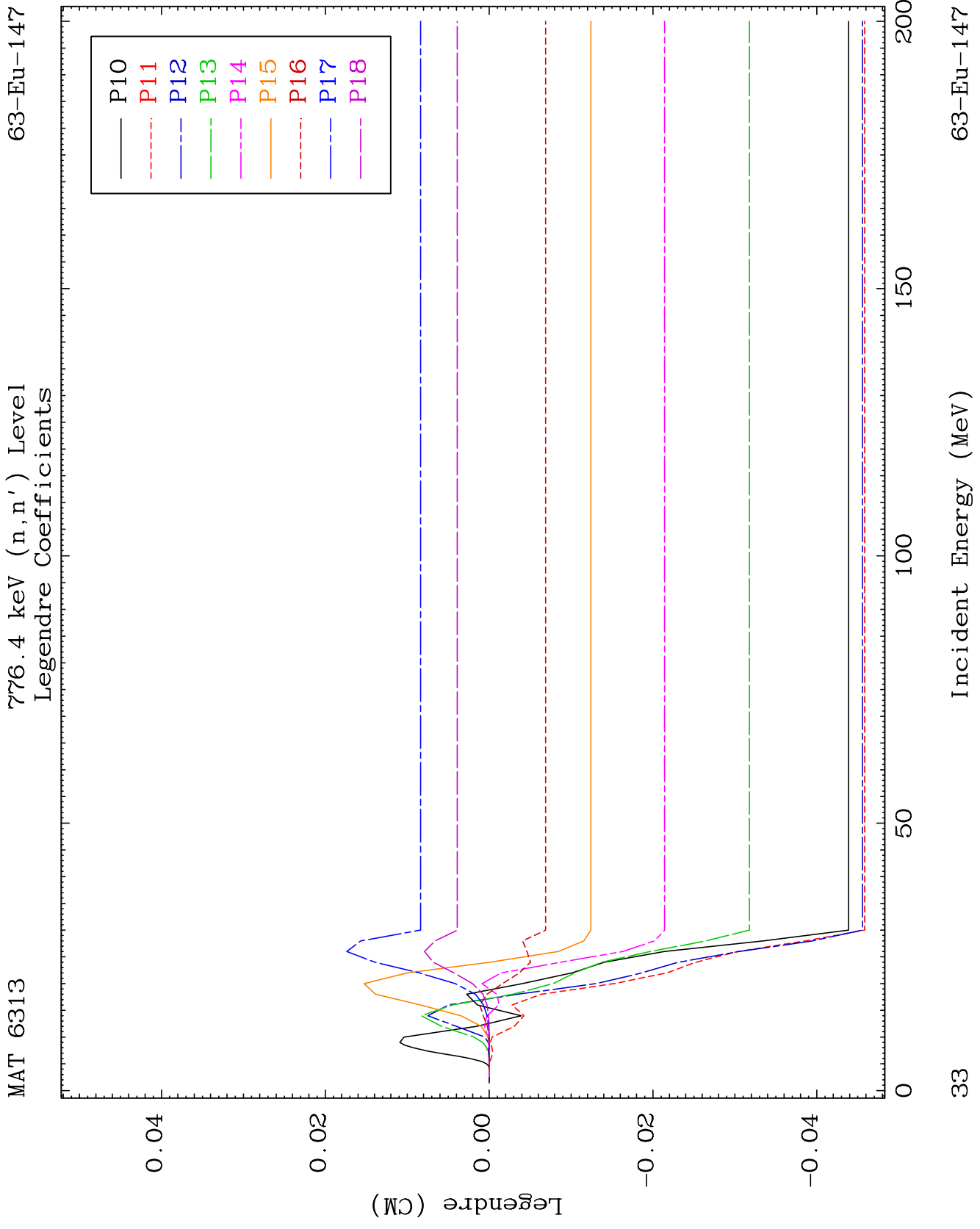
MAT 6313

755.1 keV (n,n') Level
Legendre Coefficients

63-Eu-147



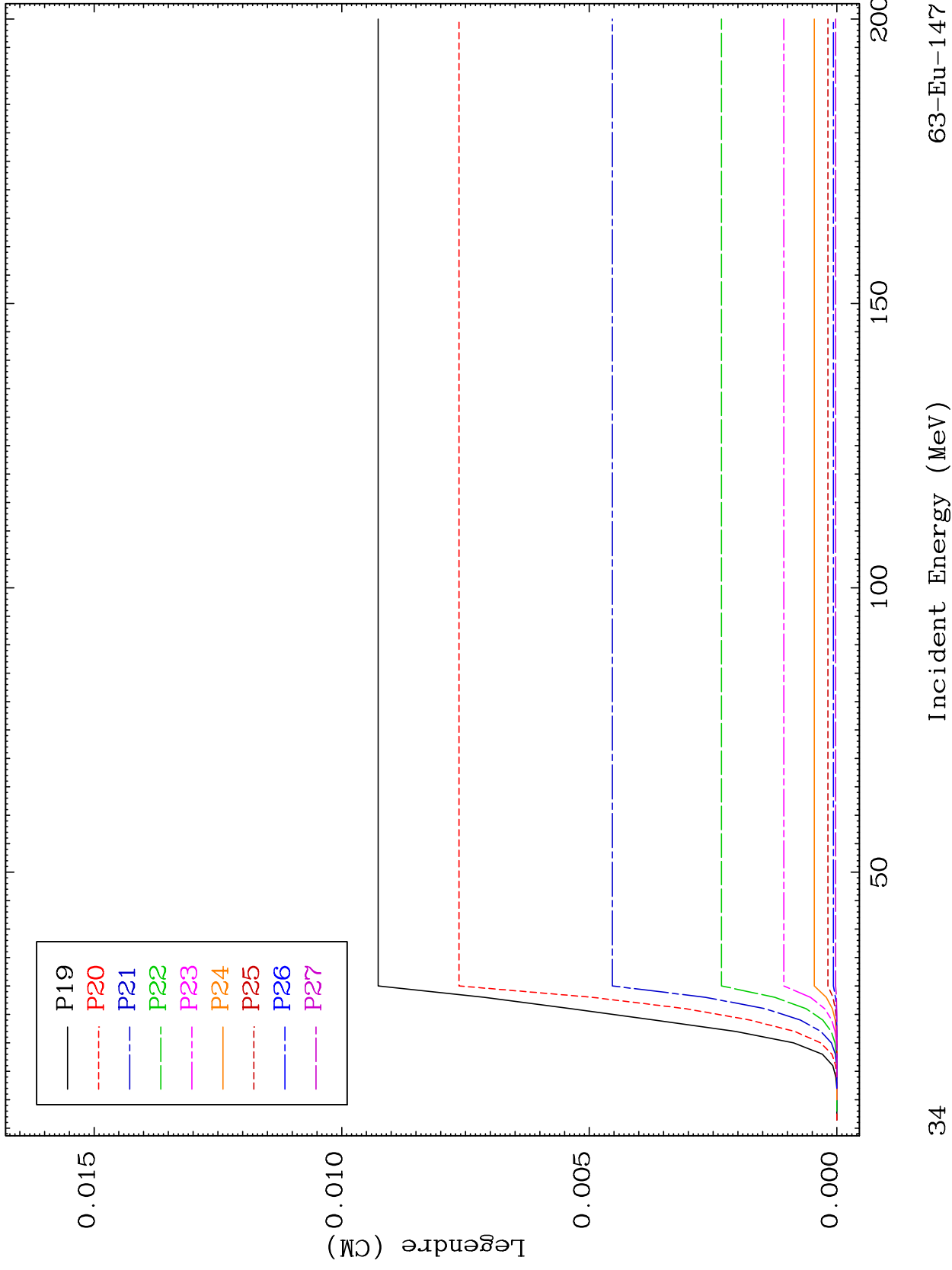
31



MAT 6313

776.4 keV (n,n') Level
Legendre Coefficients

63-Eu-147



34

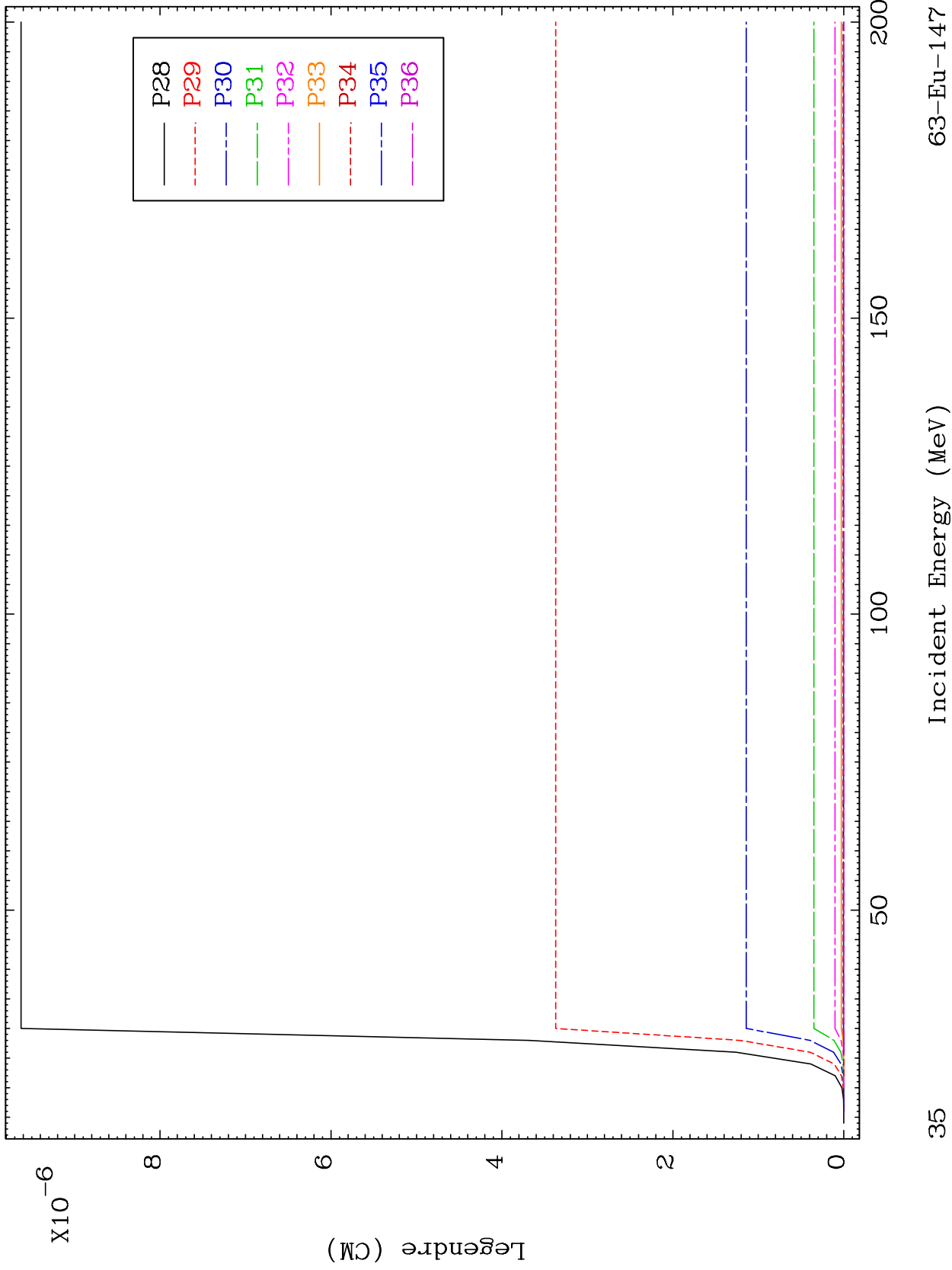
Incident Energy (MeV)

63-Eu-147

MAT 6313

776.4 keV (n,n') Level
Legendre Coefficients

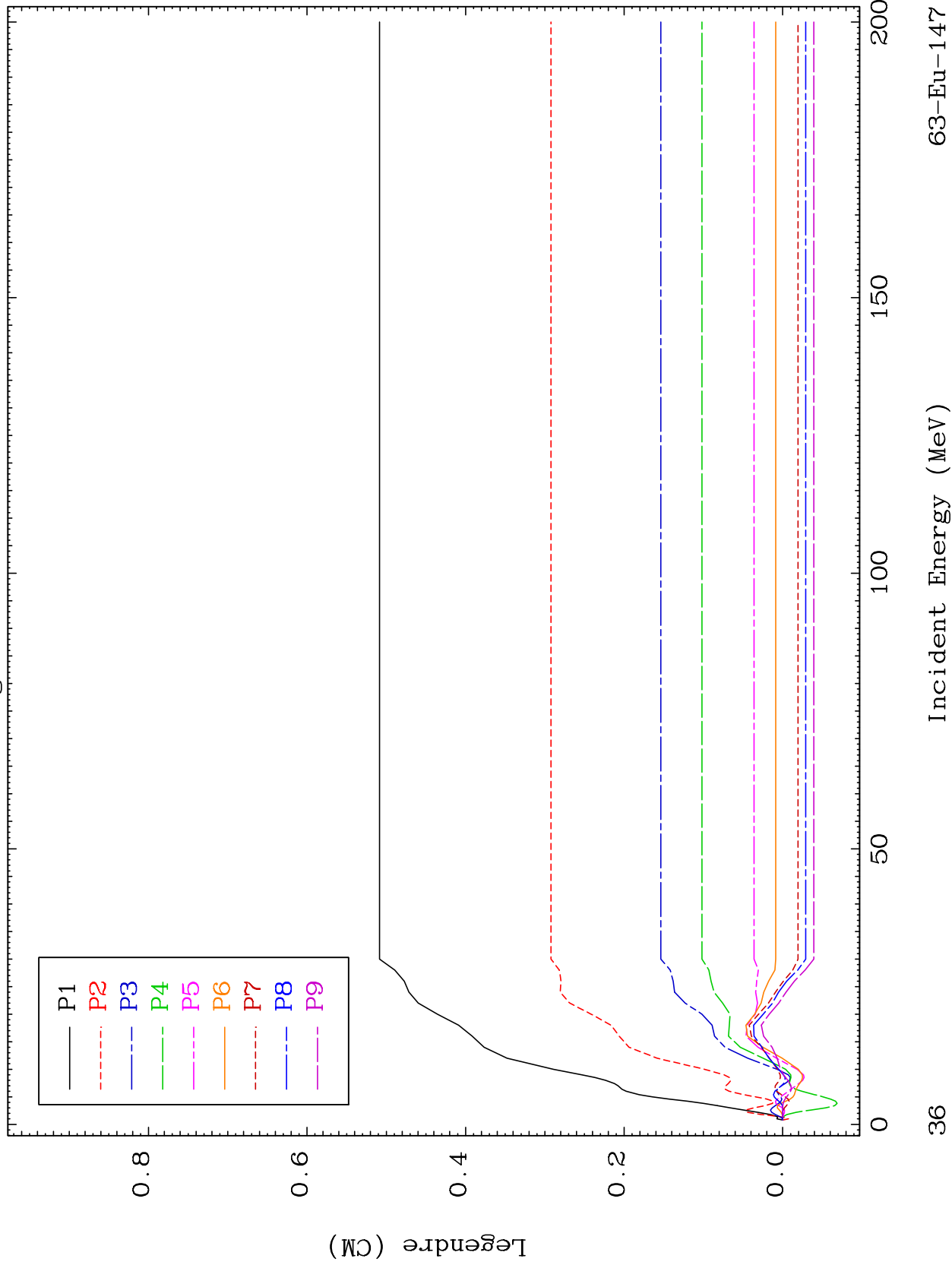
63-Eu-147



MAT 6313

778.0 keV (n,n') Level
Legendre Coefficients

63-Eu-147



63-Eu-147

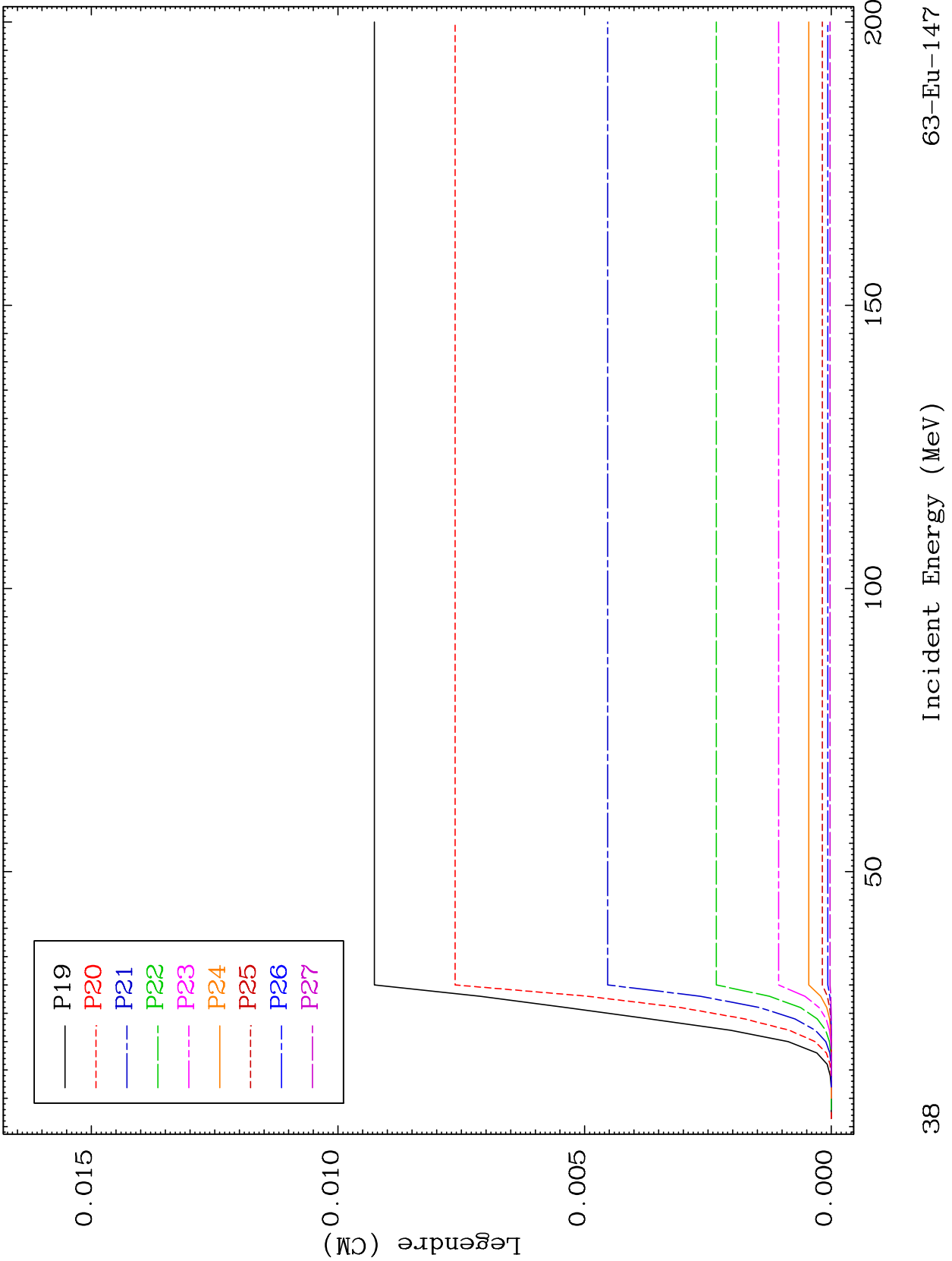
Incident Energy (MeV)

36

MAT 6313

778.0 keV (n, n') Level
Legendre Coefficients

63-Eu-147



38

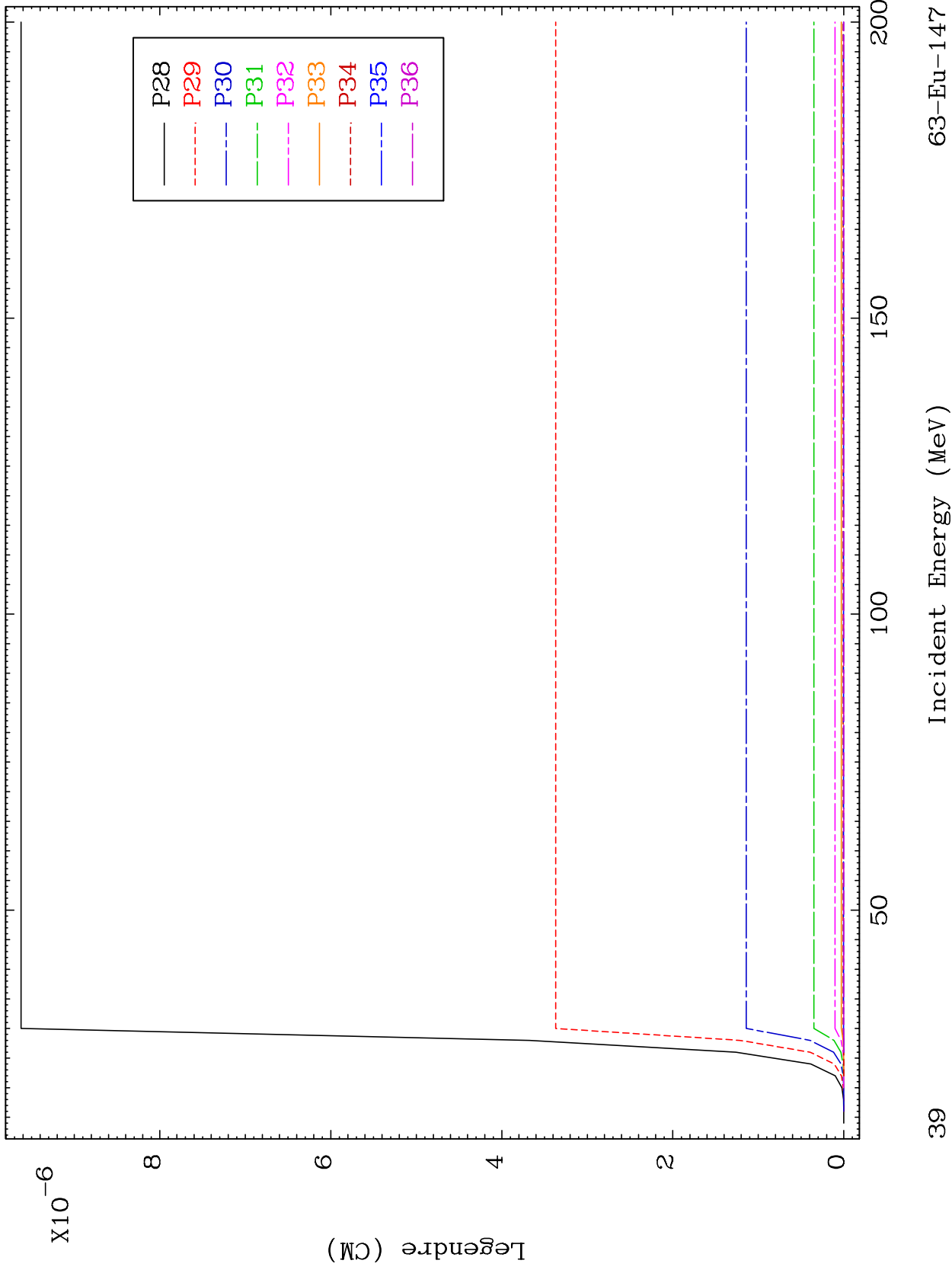
Incident Energy (MeV)

63-Eu-147

MAT 6313

778.0 keV (n,n') Level
Legendre Coefficients

63-Eu-147



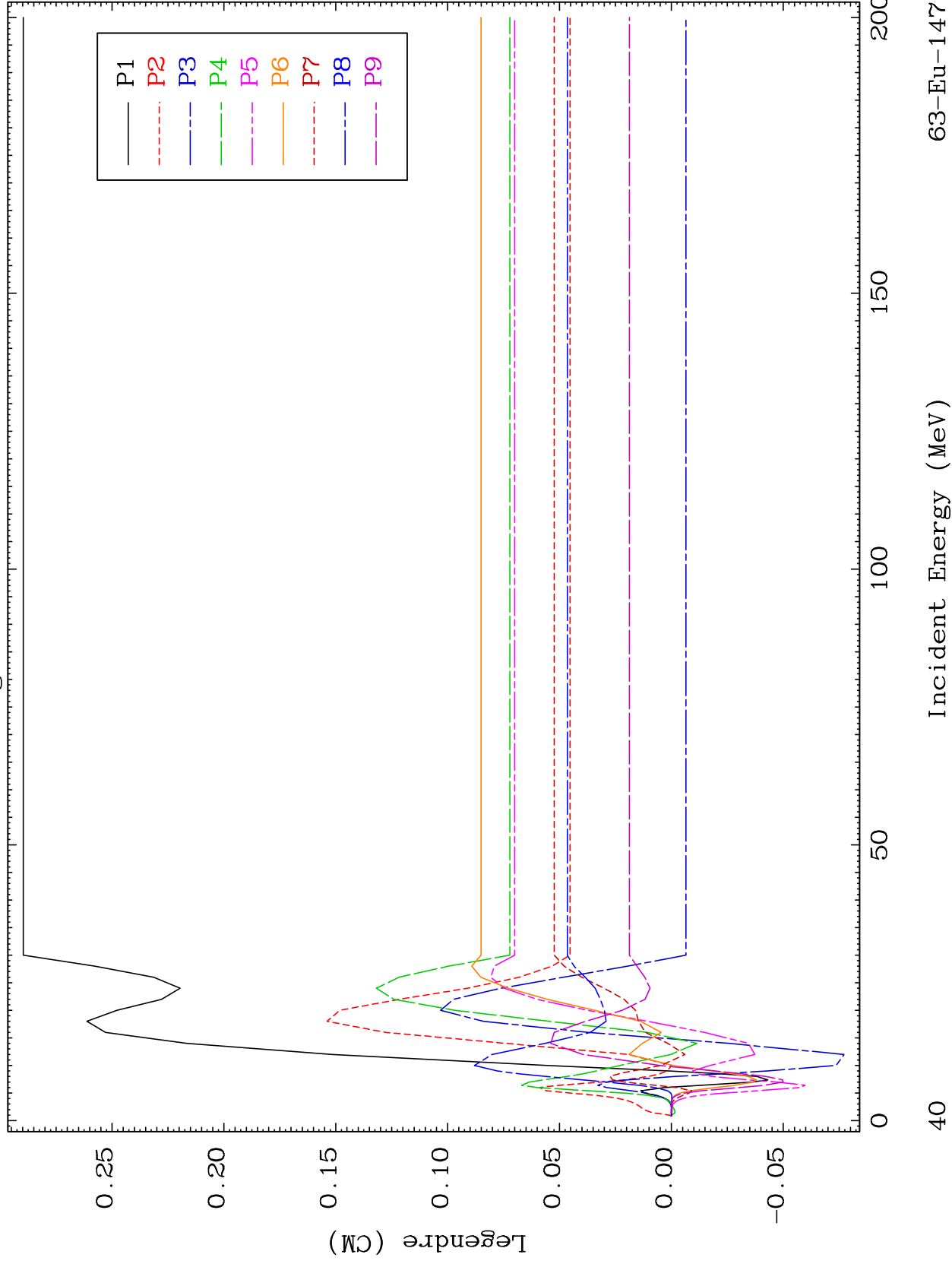
39

63-Eu-147

MAT 6313

827.8 keV (n,n') Level
Legendre Coefficients

63-Eu-147

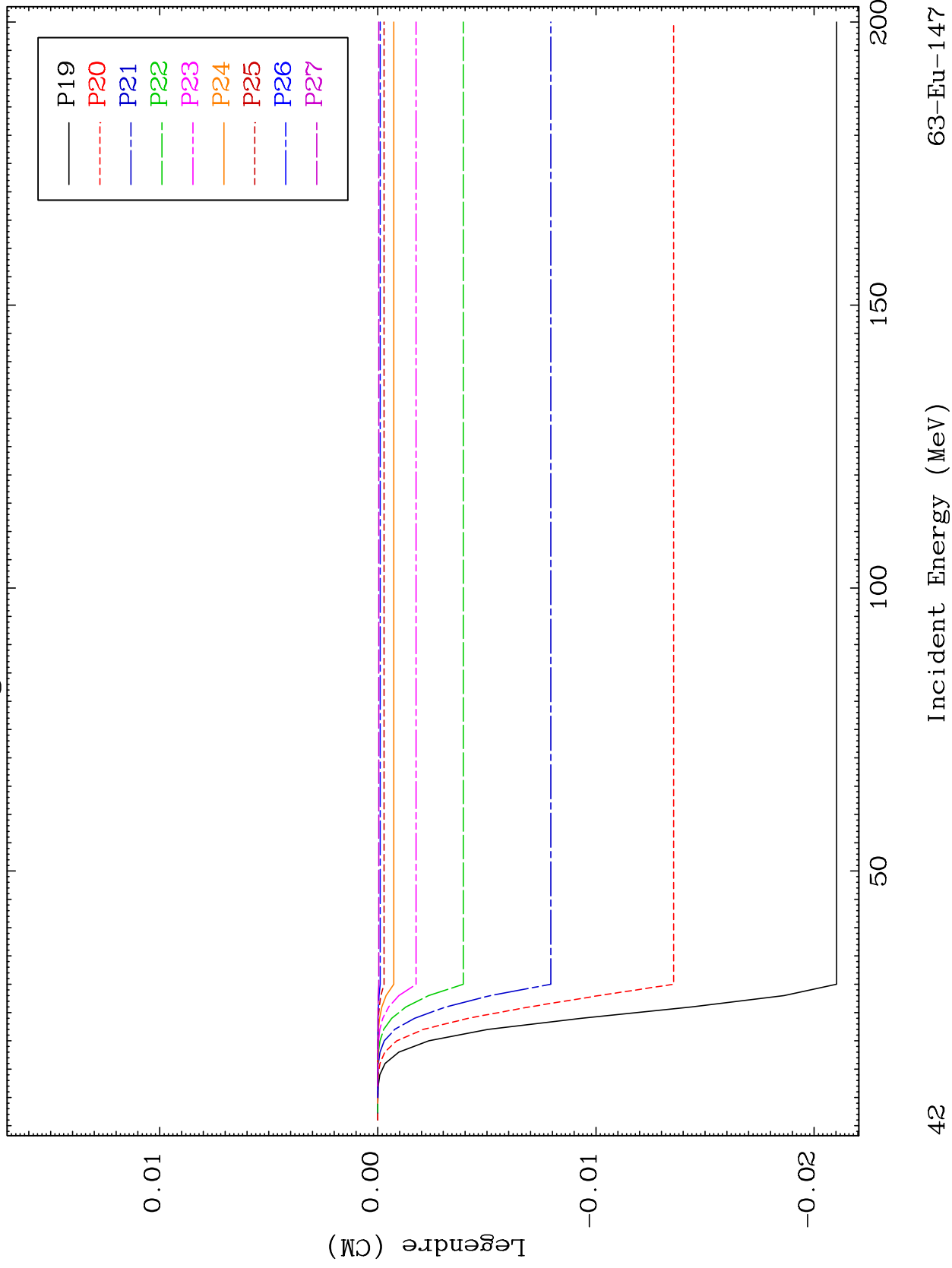


63-Eu-147

MAT 6313

827.8 keV (n,n') Level
Legendre Coefficients

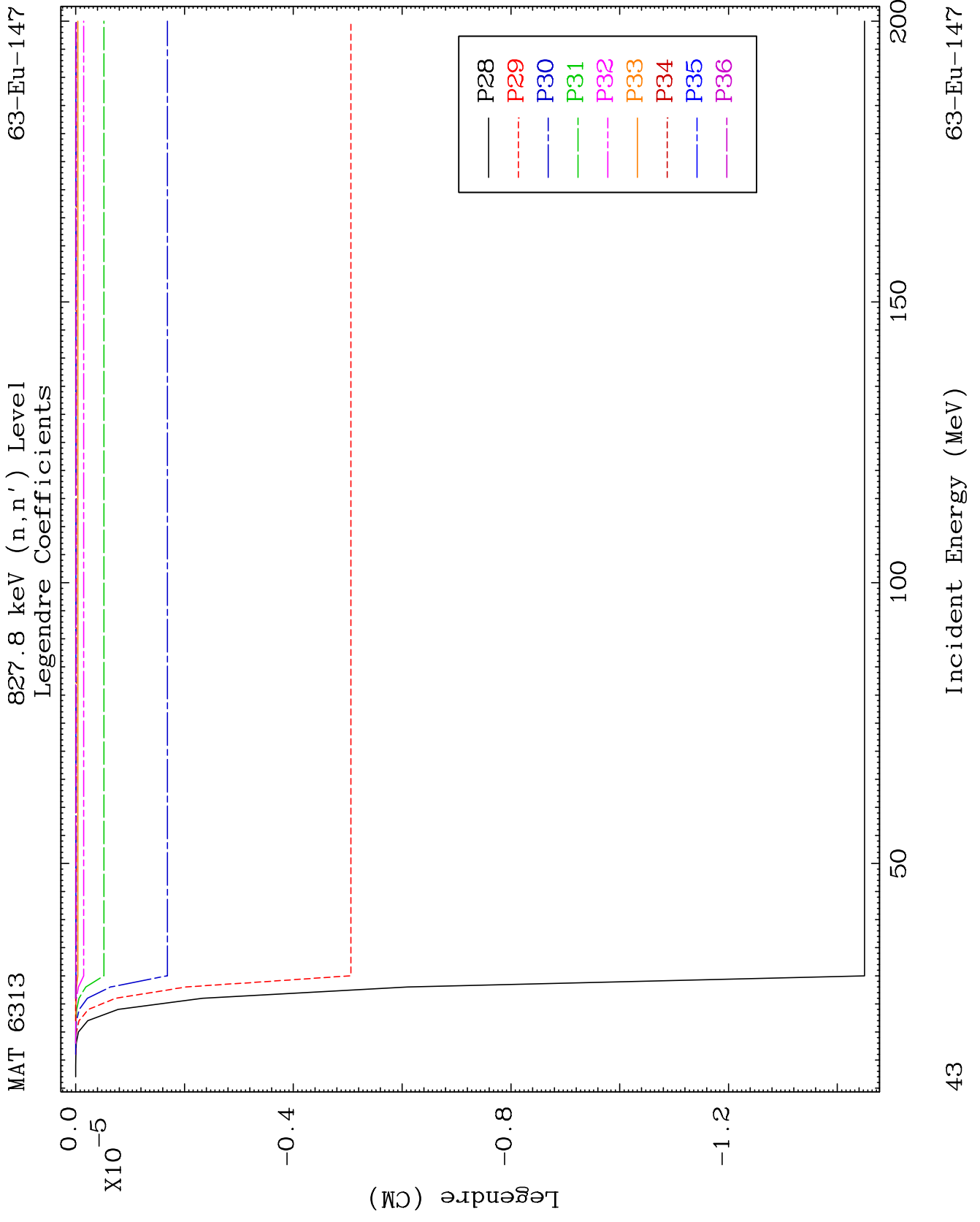
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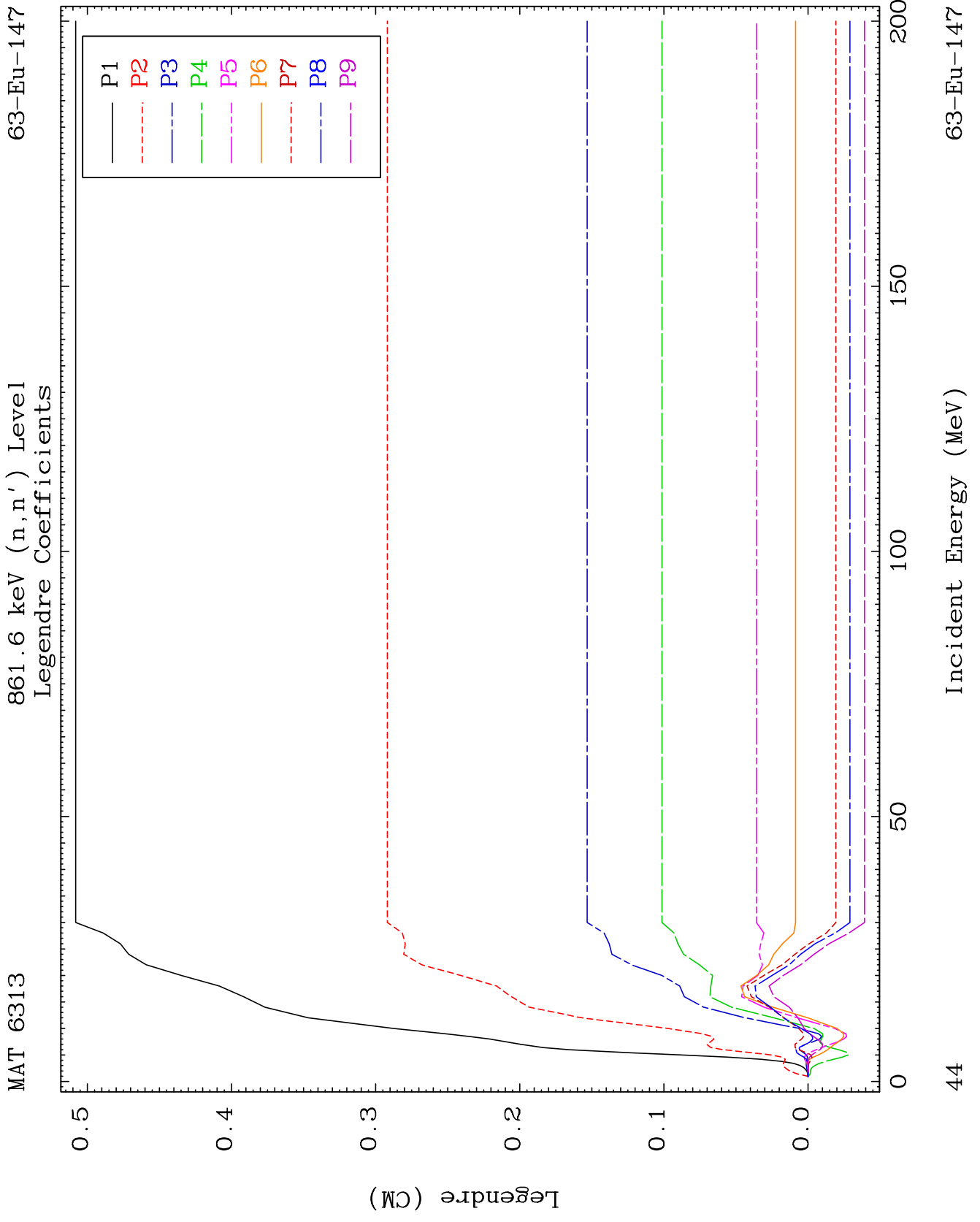


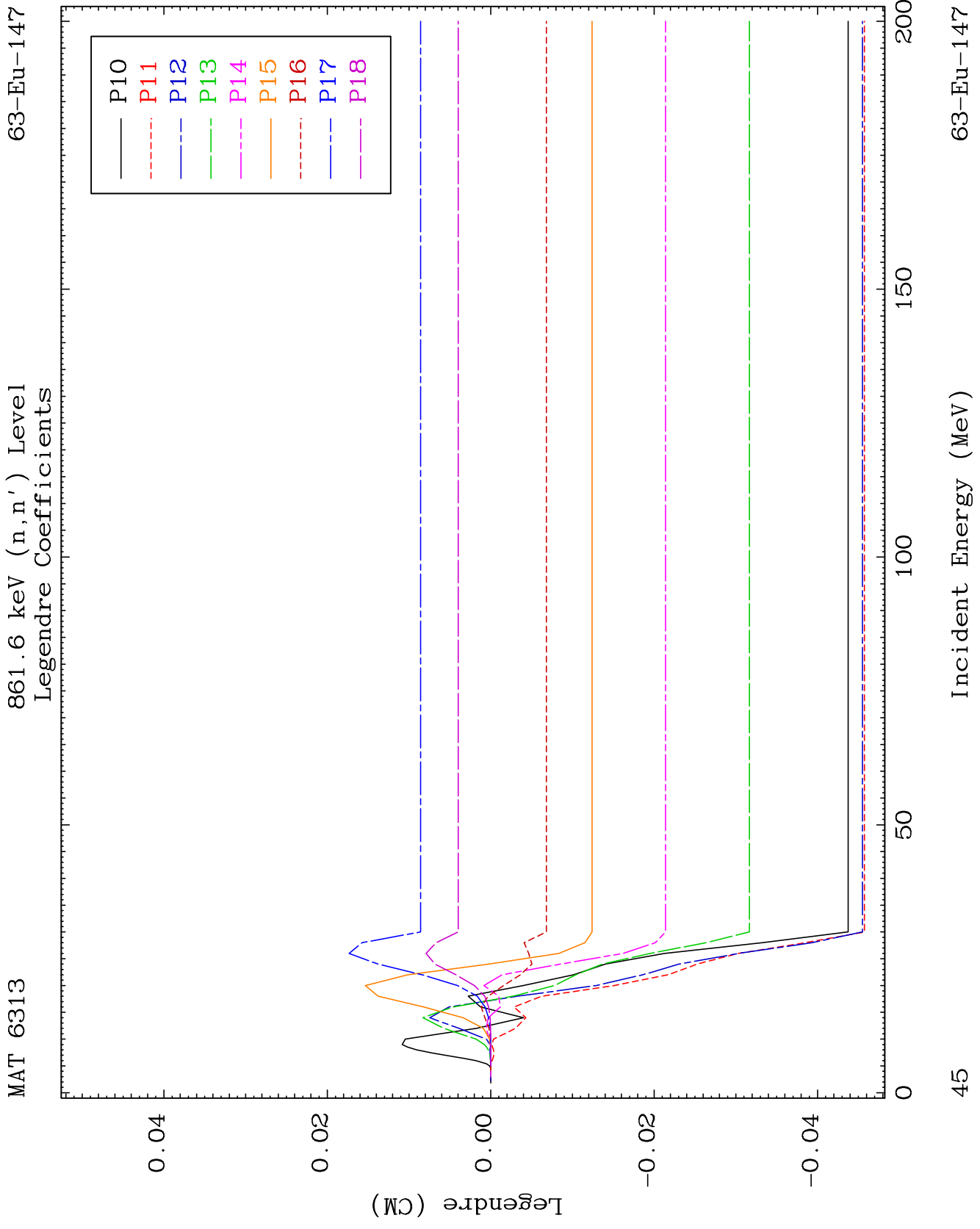
63-Eu-147

Incident Energy (MeV)

42



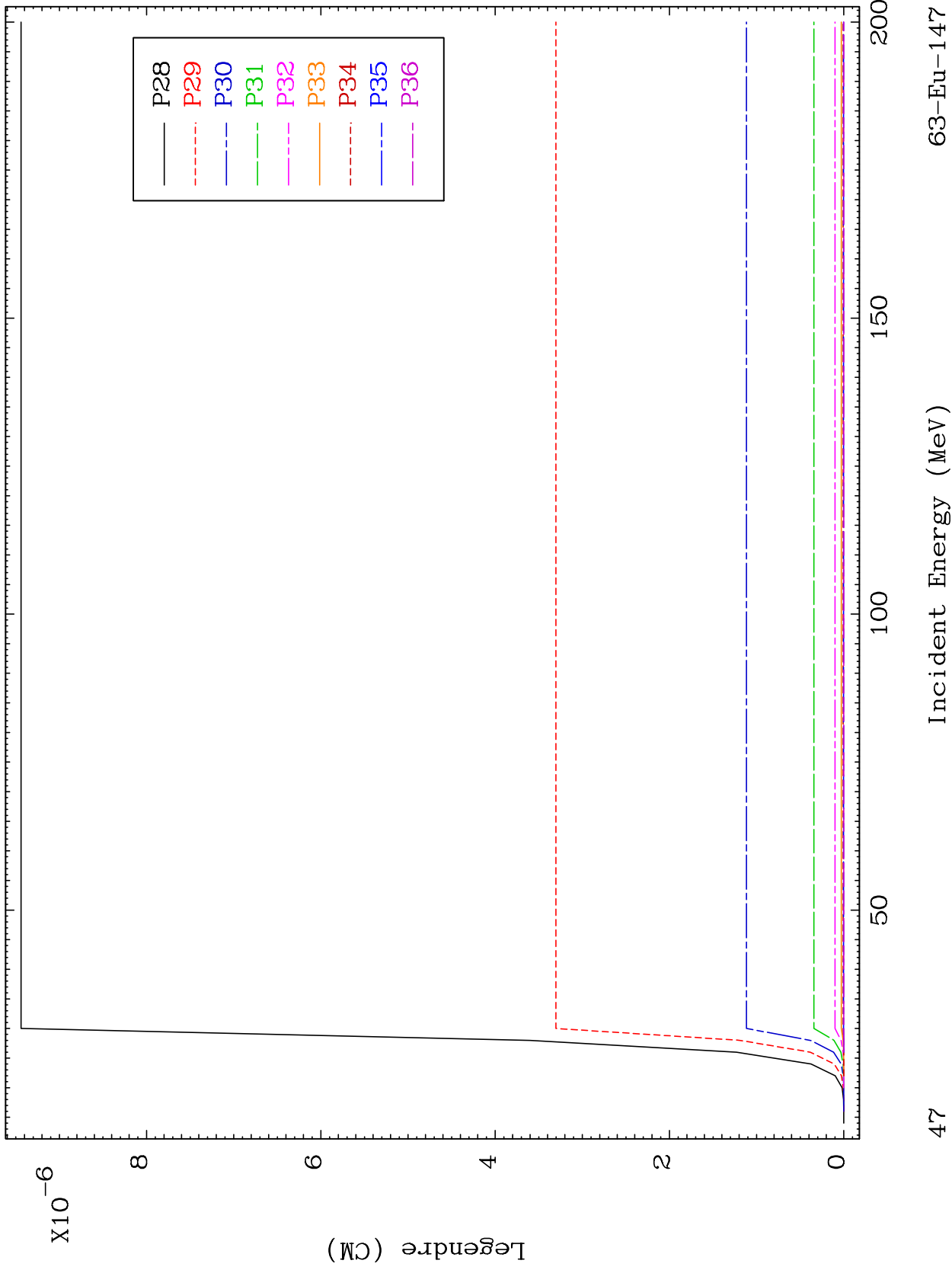


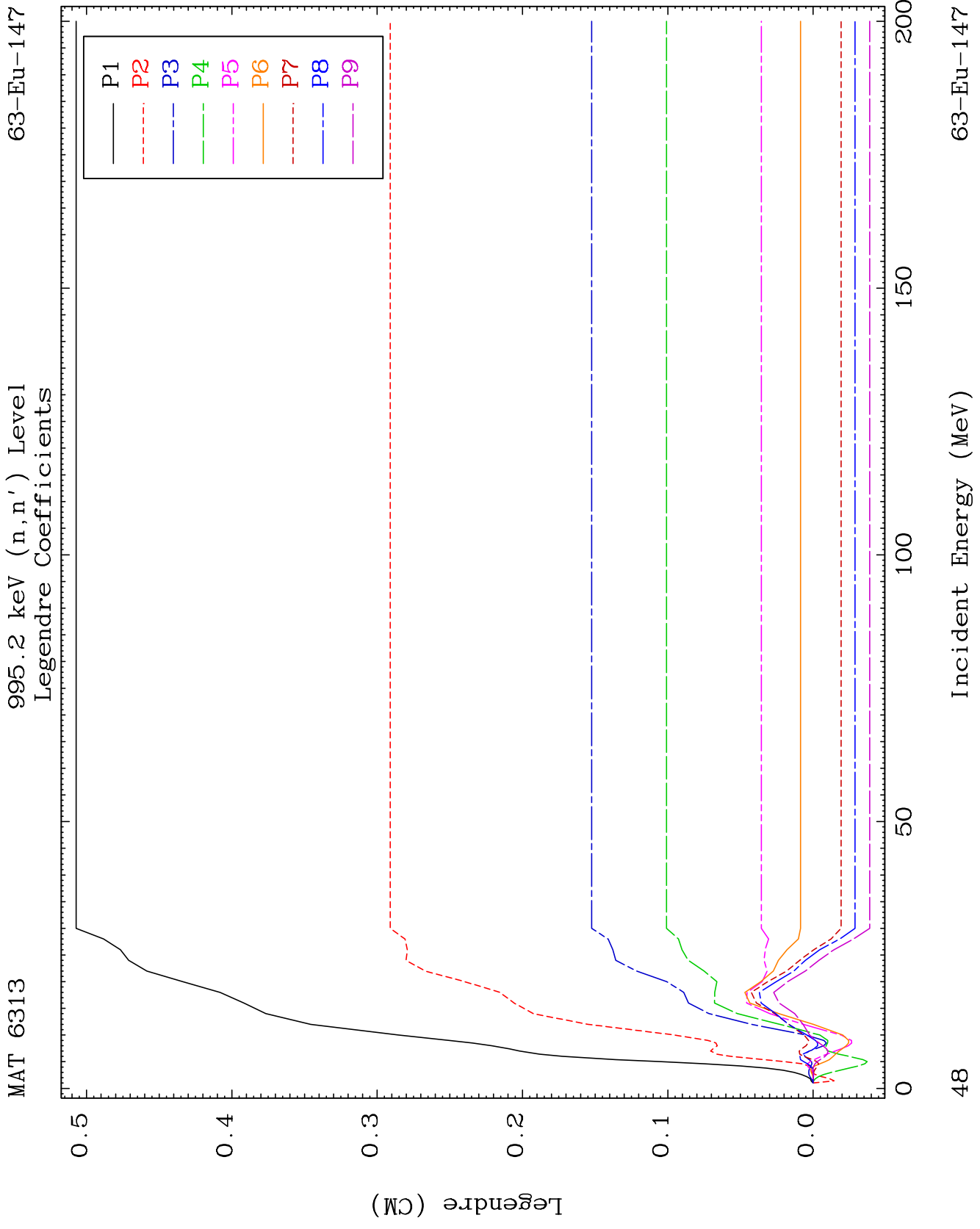


MAT 6313

861.6 keV (n,n') Level
Legendre Coefficients

63-Eu-147

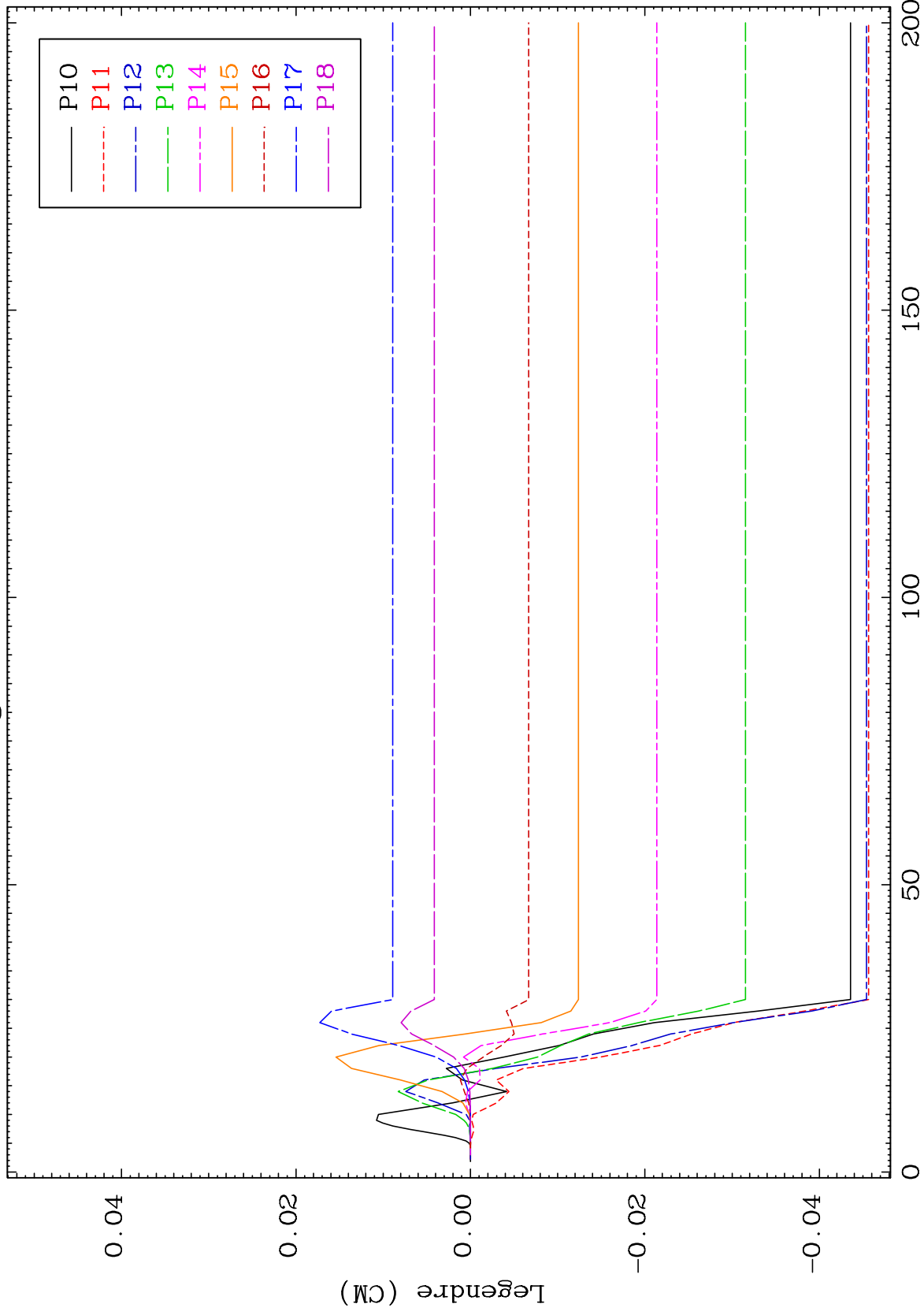




MAT 6313

995.2 keV (n,n') Level
Legendre Coefficients

63-Eu-147



49

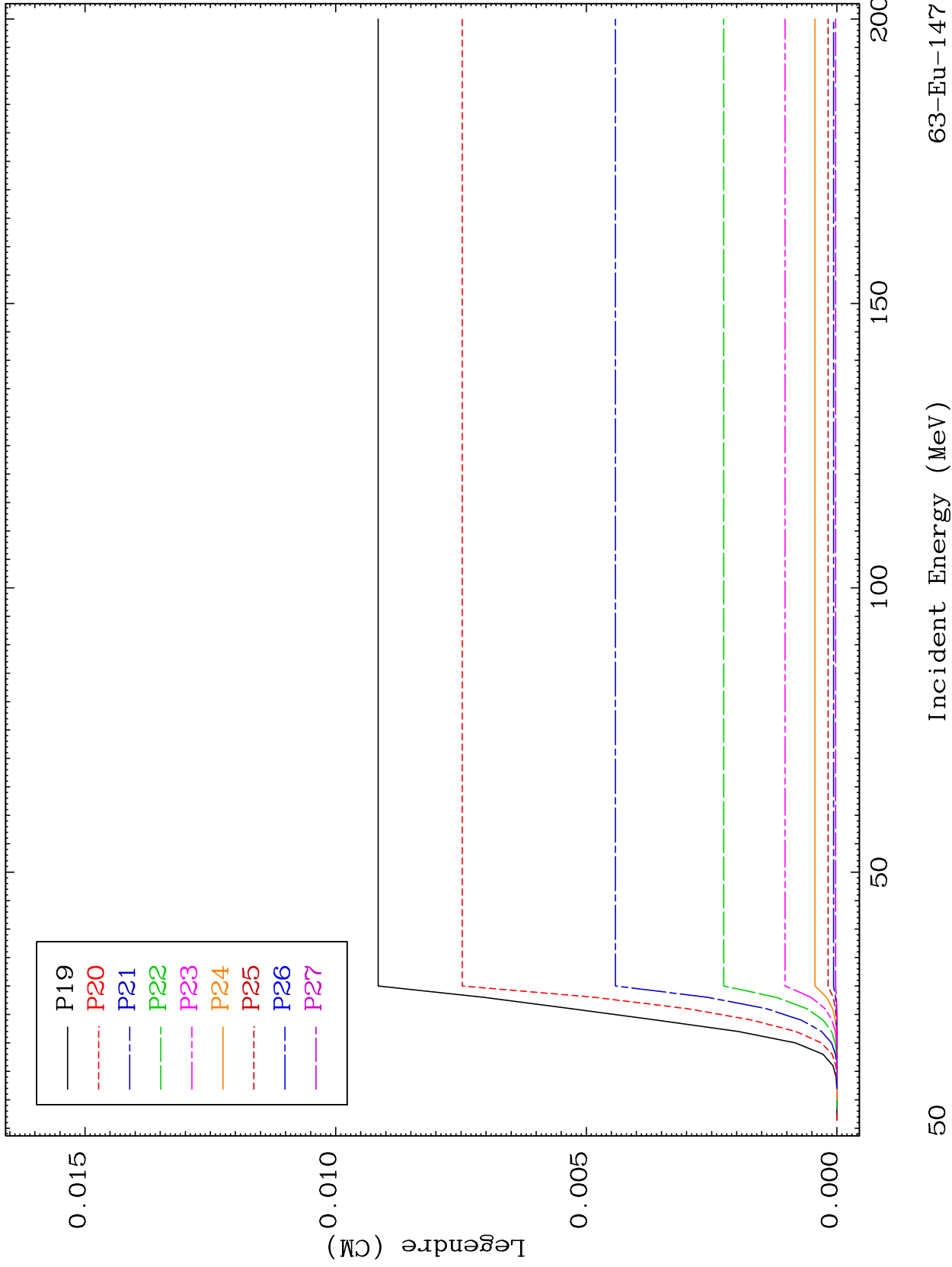
Incident Energy (MeV)

63-Eu-147

MAT 6313

995.2 keV (n, n') Level
Legendre Coefficients

63-Eu-147



63-Eu-147

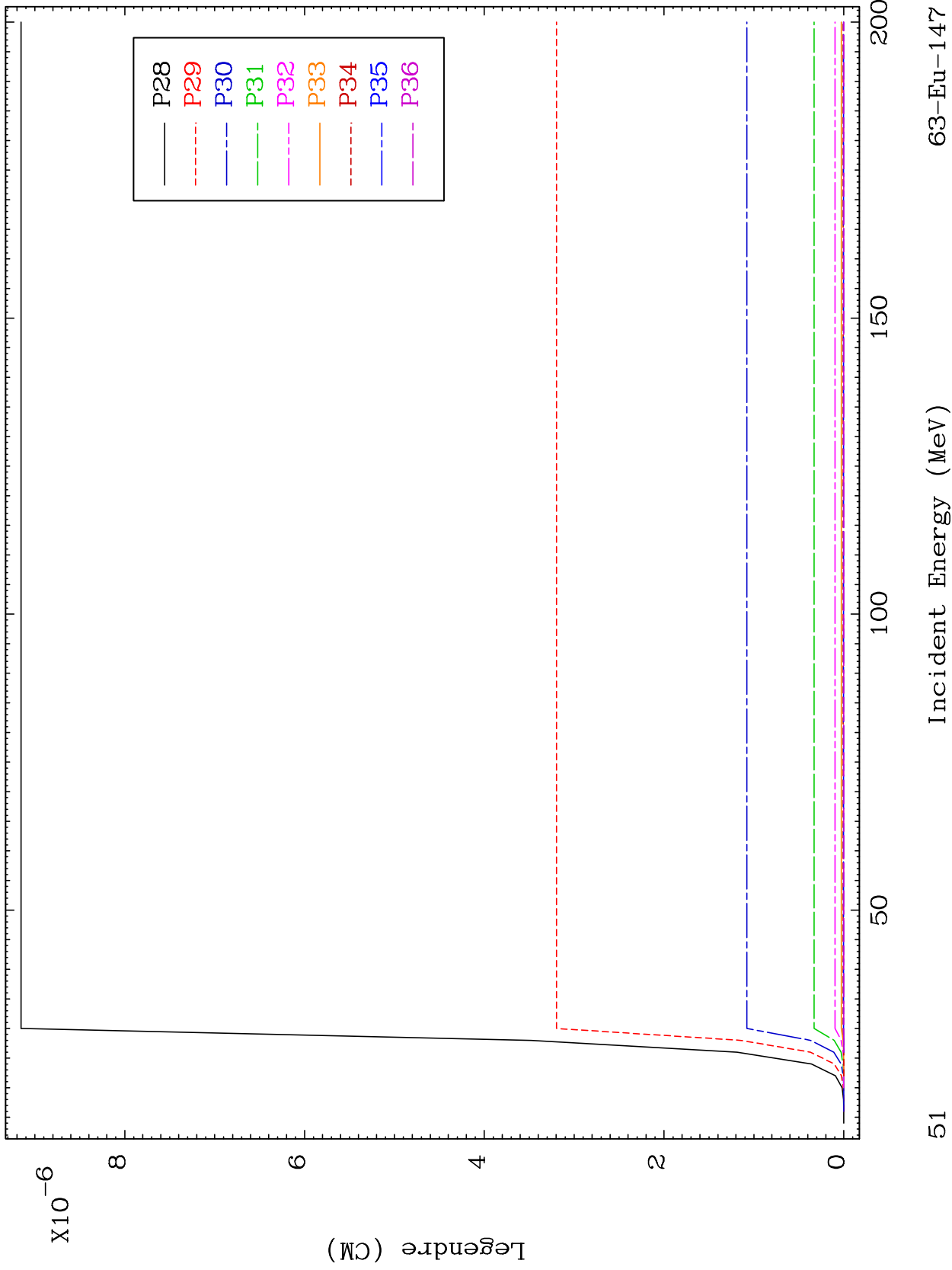
Incident Energy (MeV)

50

MAT 6313

995.2 keV (n, n') Level
Legendre Coefficients

63-Eu-147



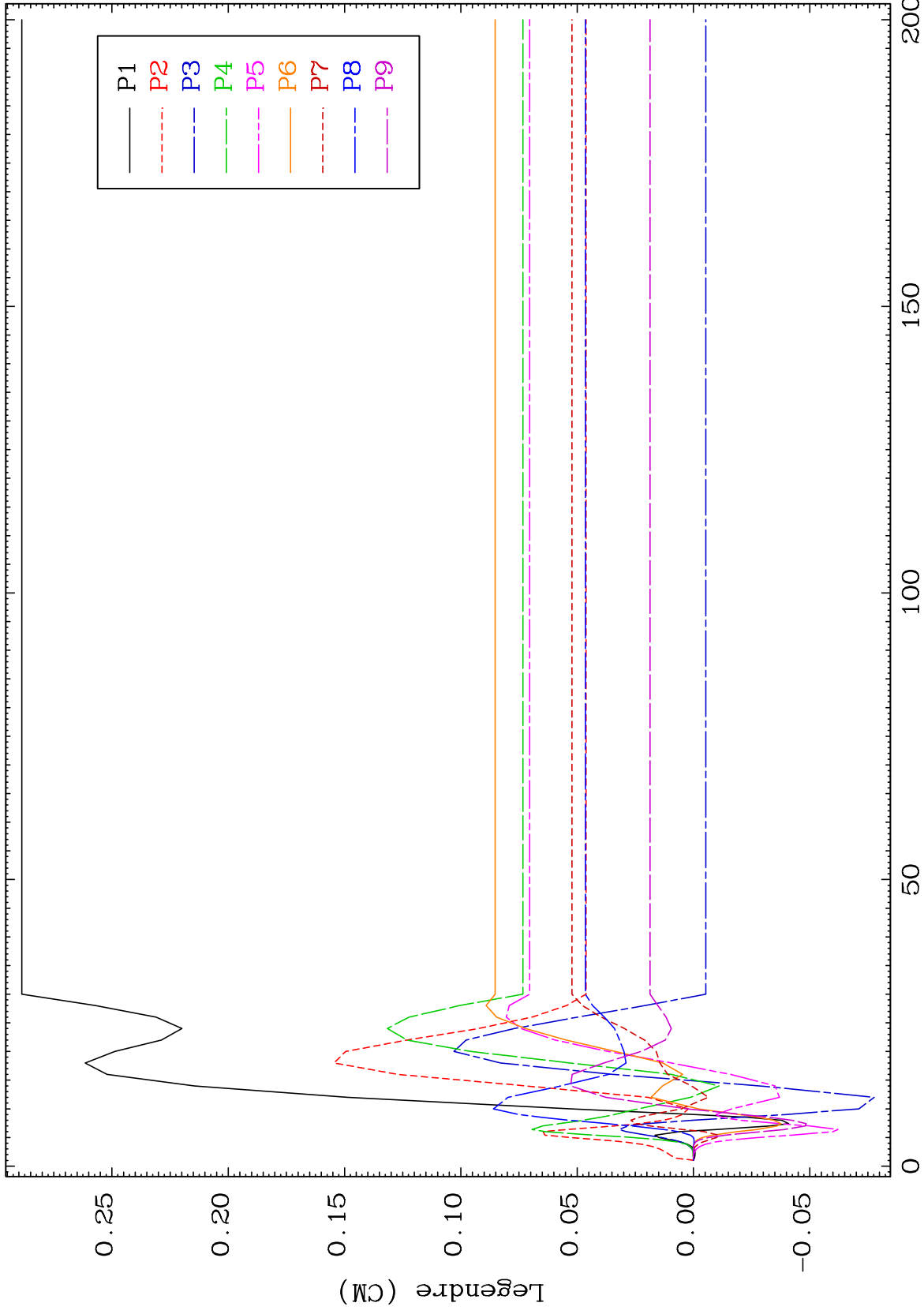
51

63-Eu-147

MAT 6313

1.001 MeV (n,n') Level
Legendre Coefficients

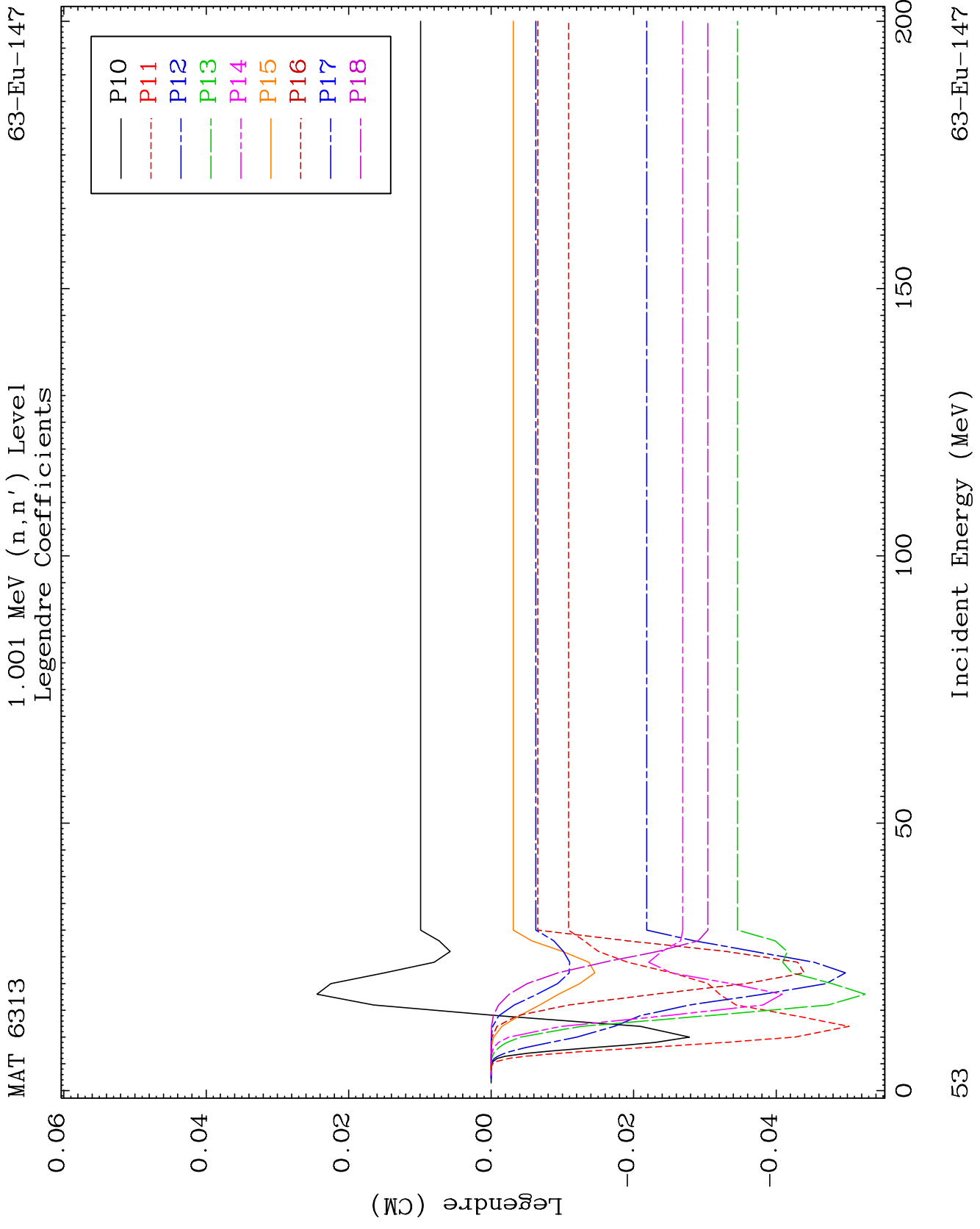
63-Eu-147



63-Eu-147

Incident Energy (MeV)

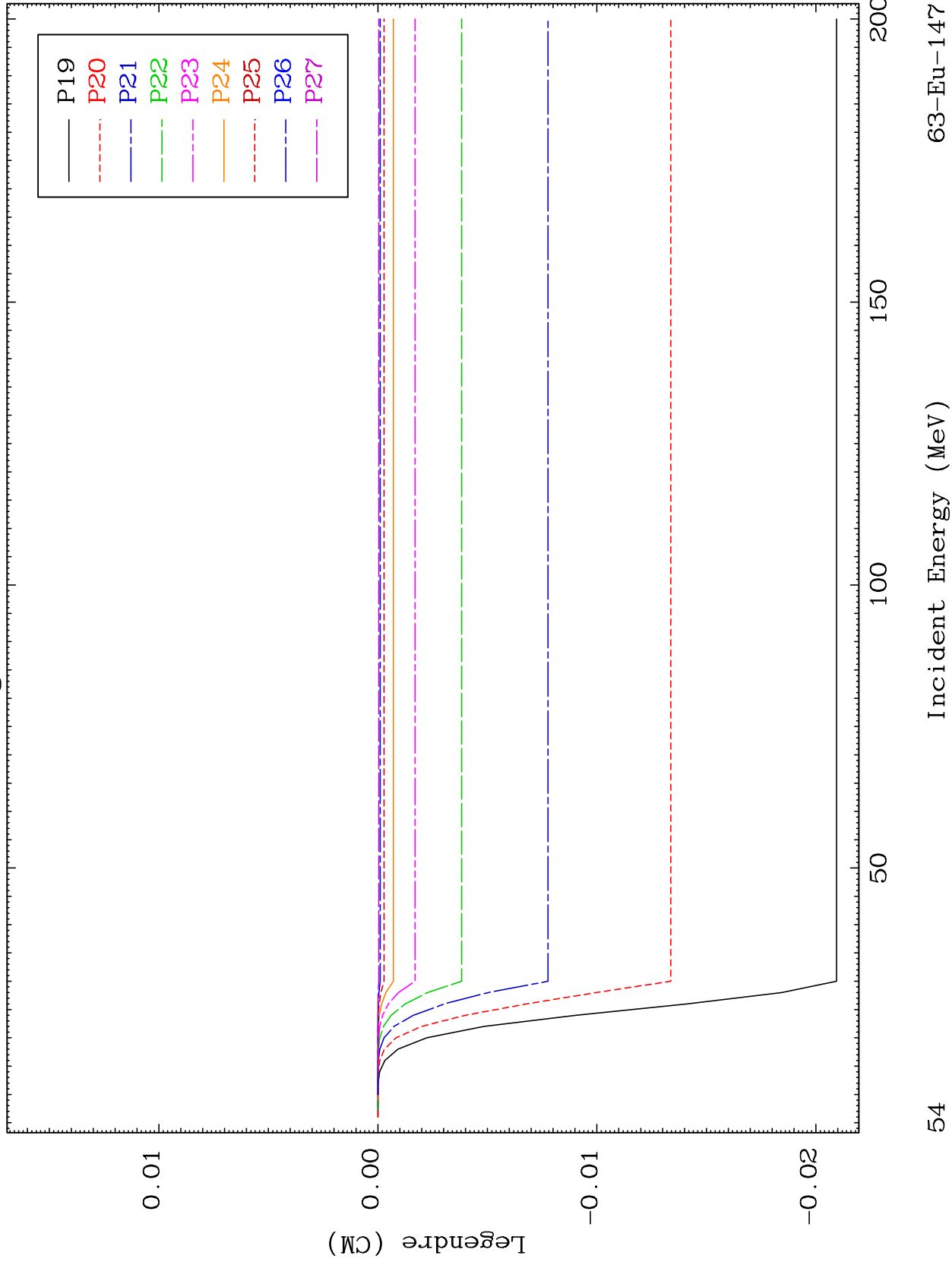
52



MAT 6313

1.001 MeV (n,n') Level
Legendre Coefficients

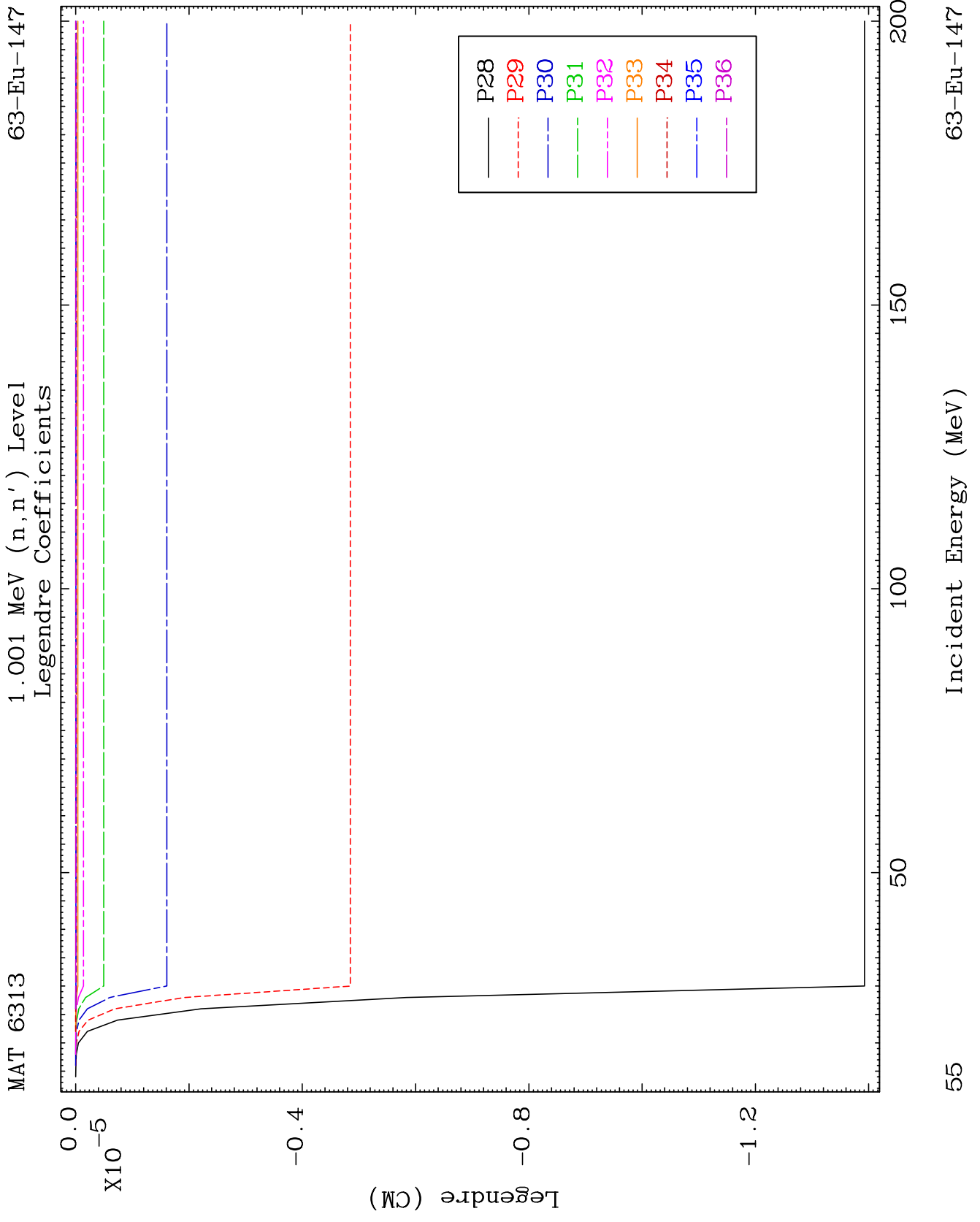
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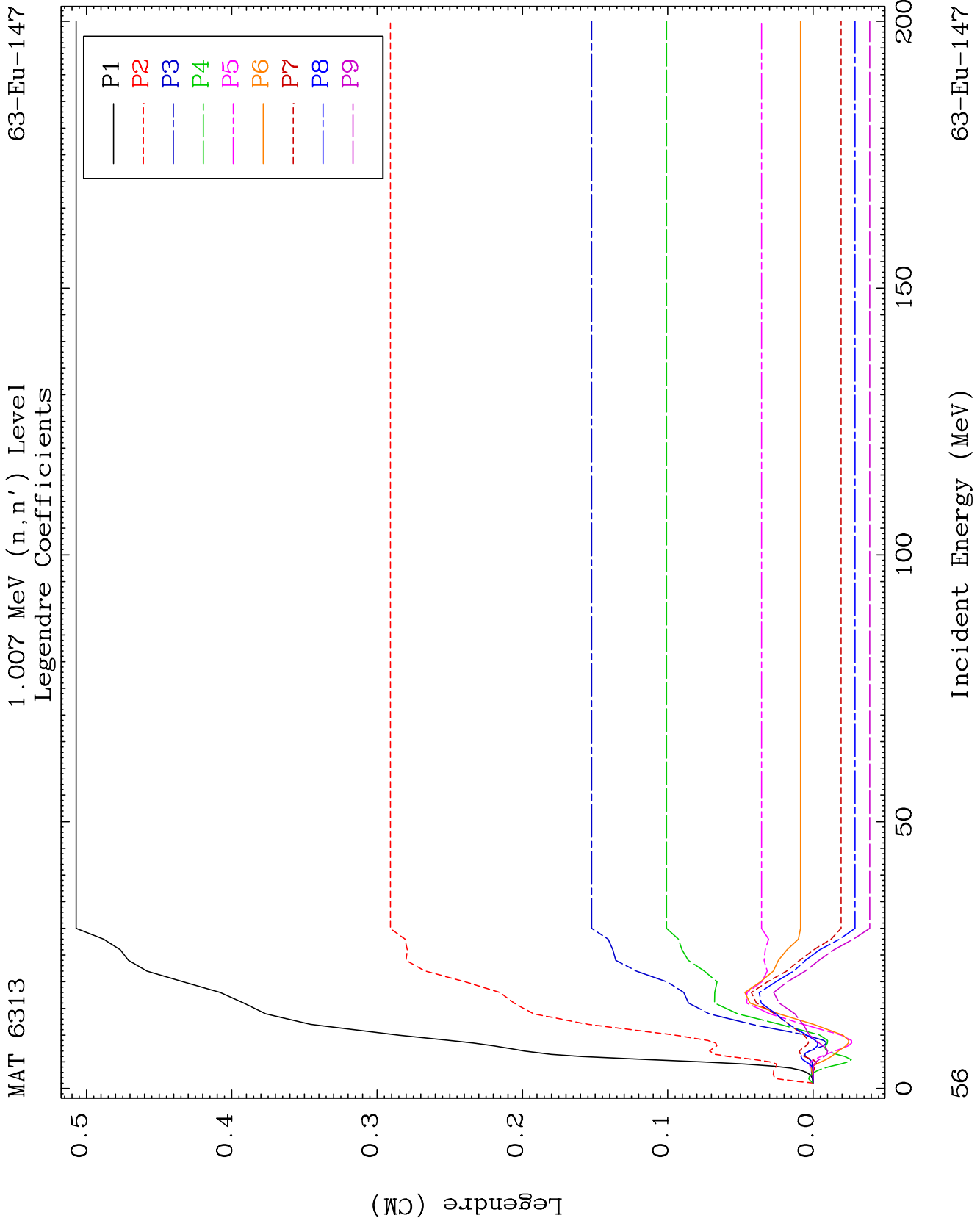


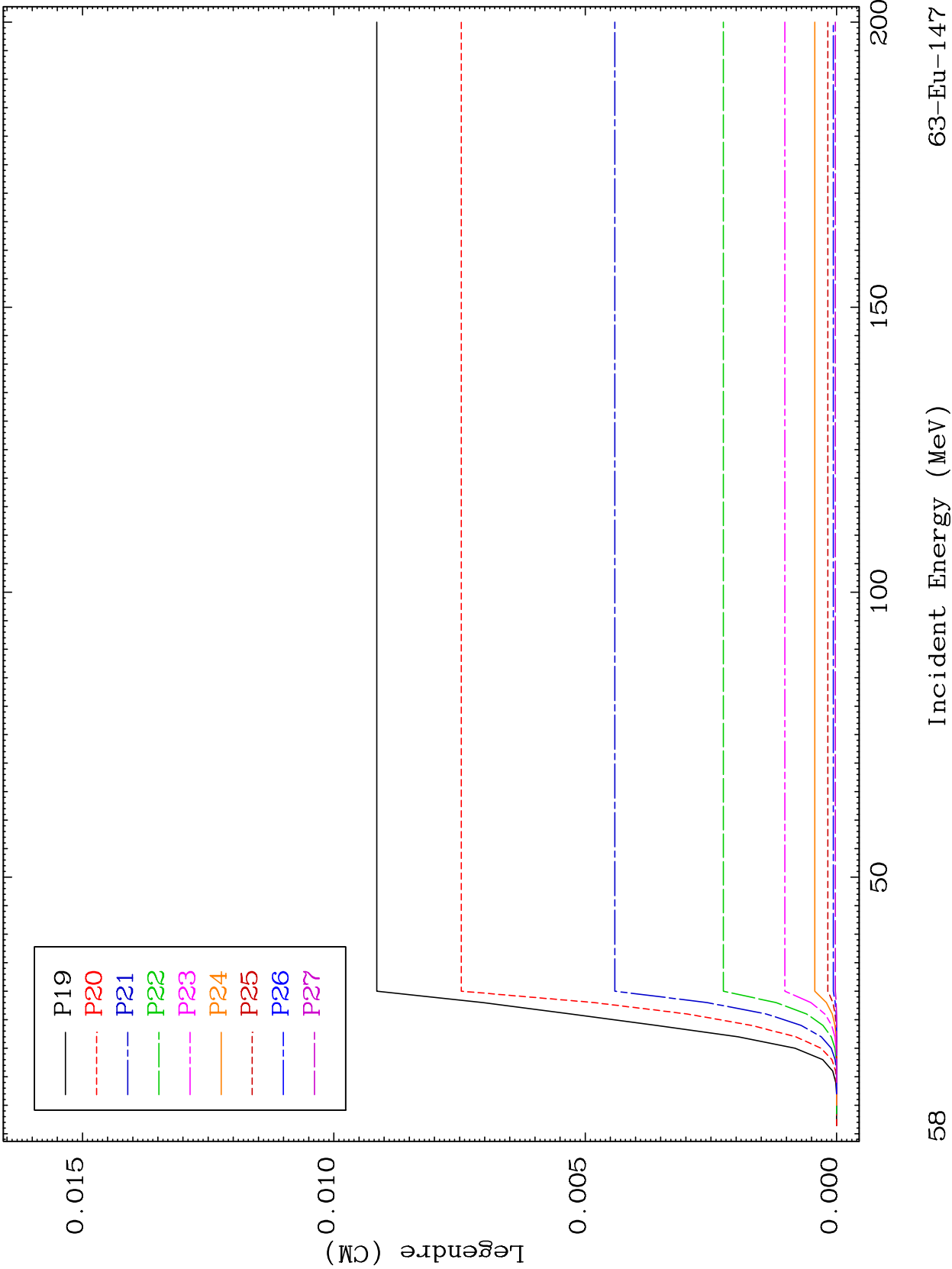
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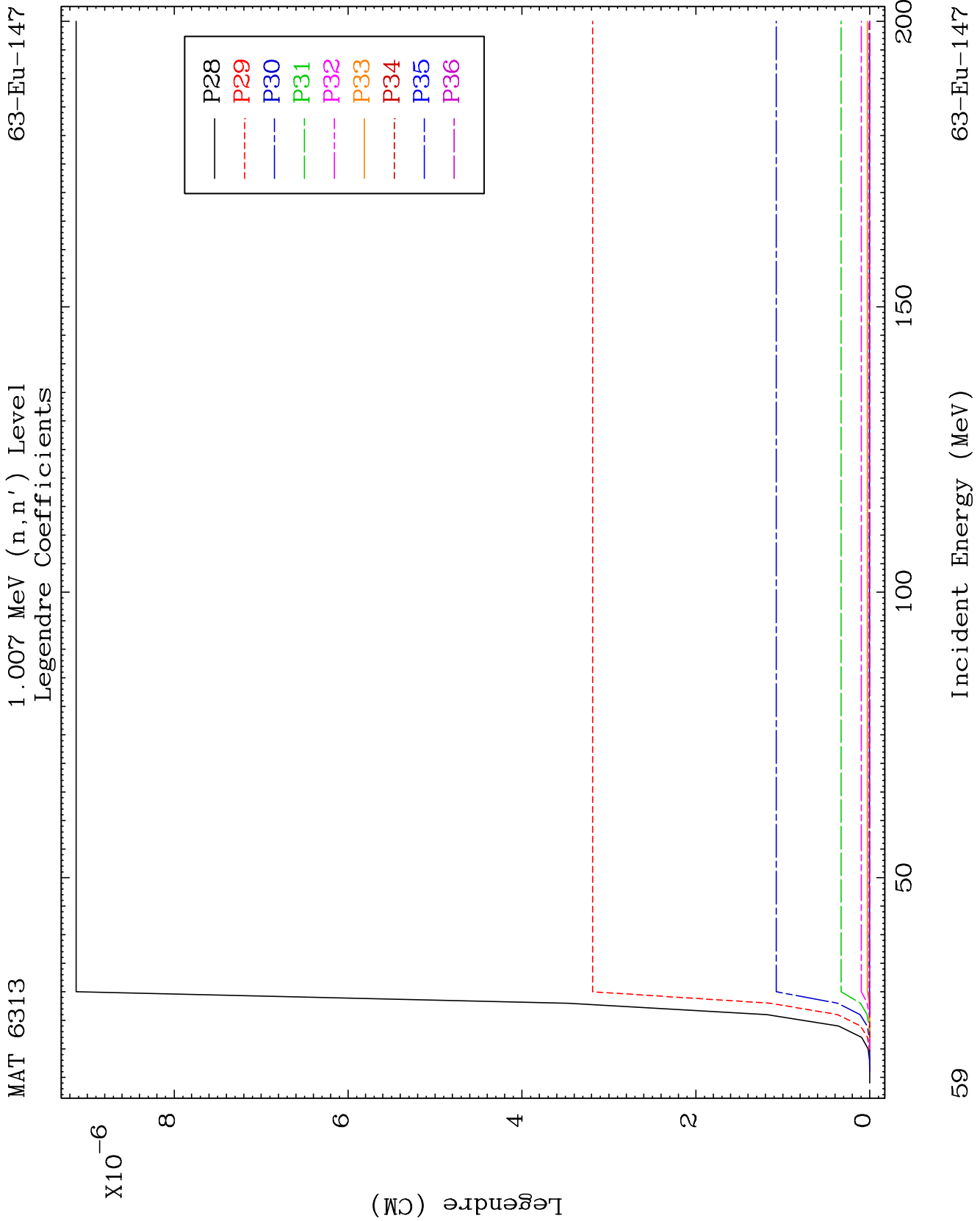
Incident Energy (MeV)

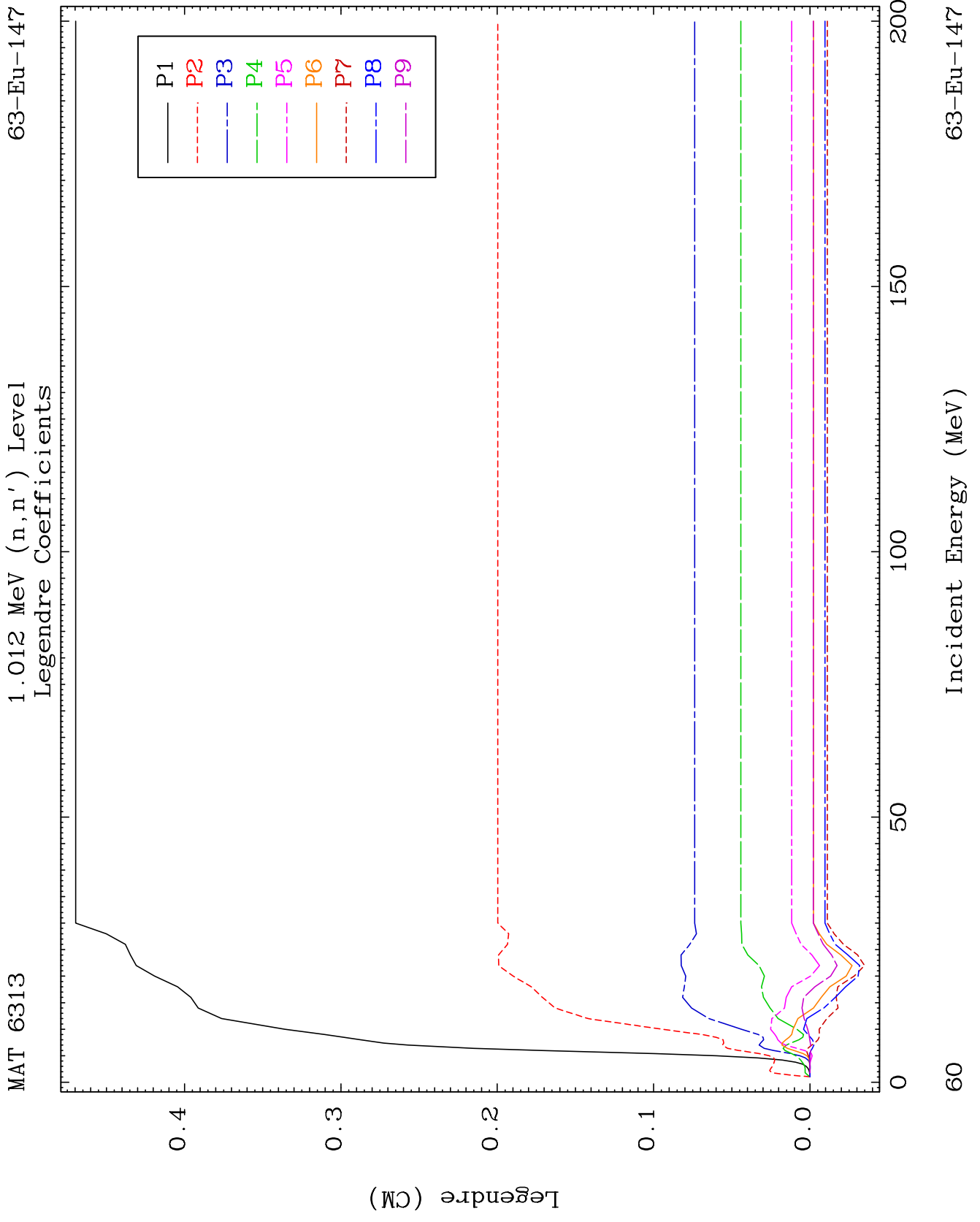
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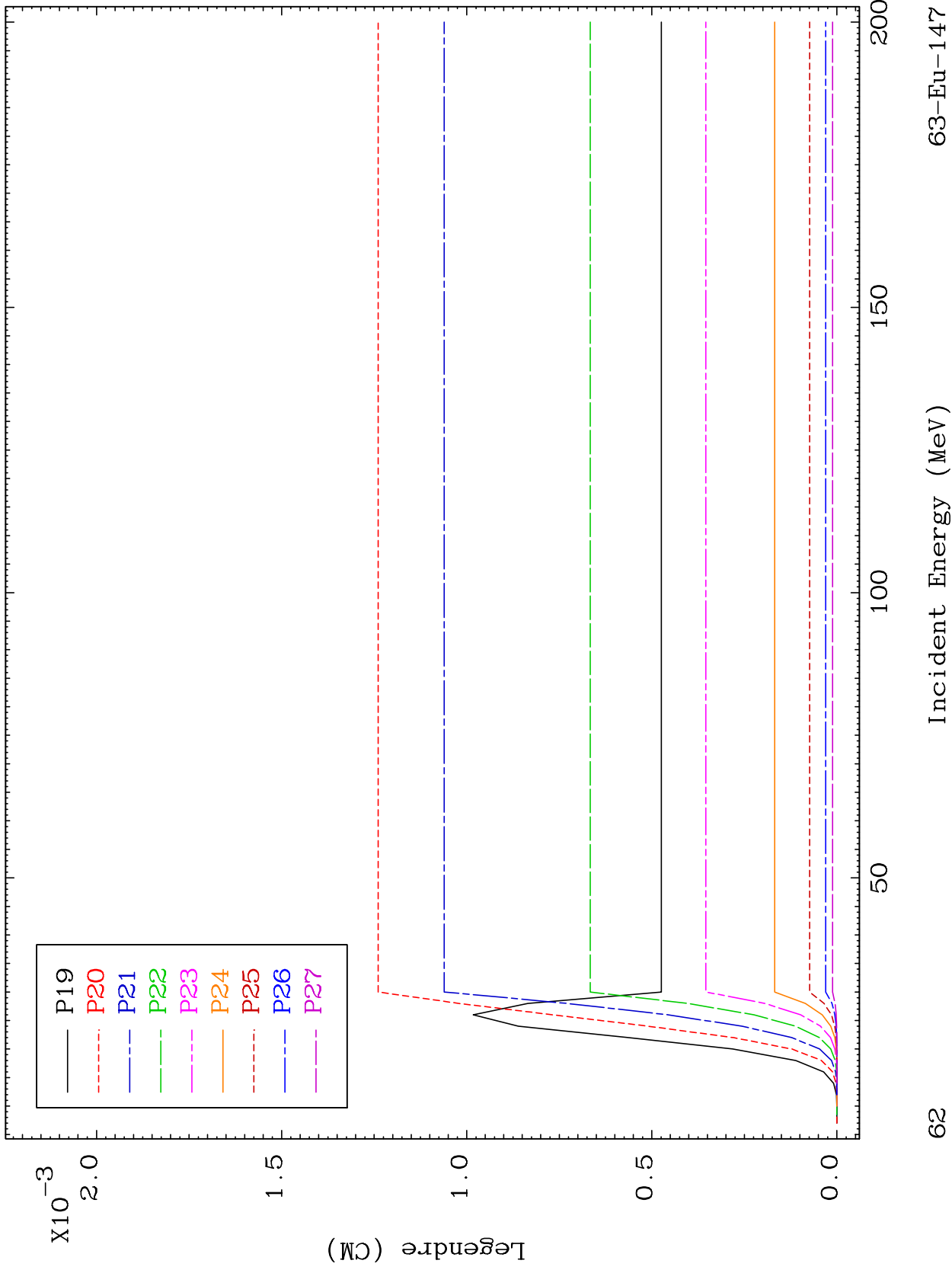




MAT 6313

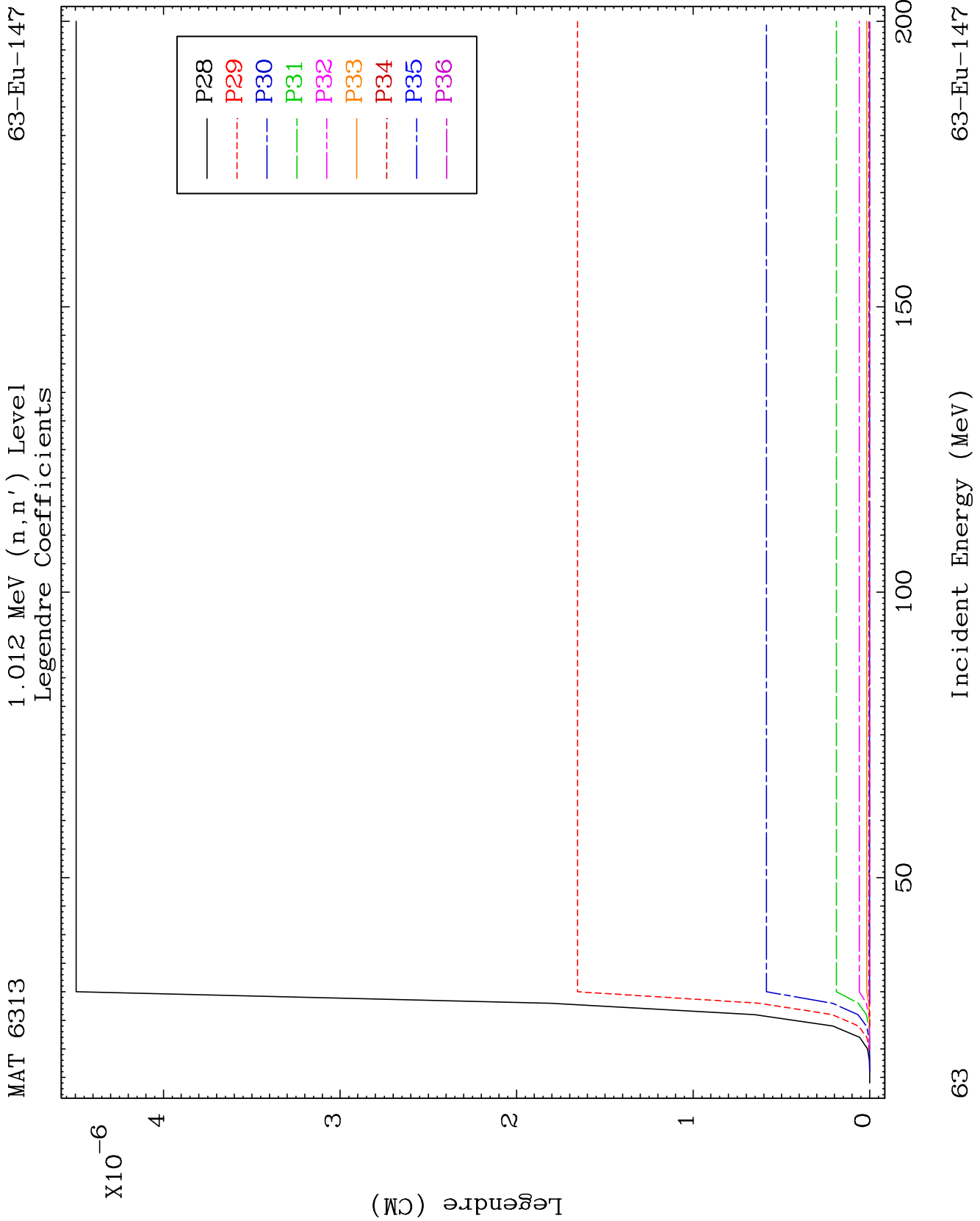
1.012 MeV (n, n') Level
Legendre Coefficients

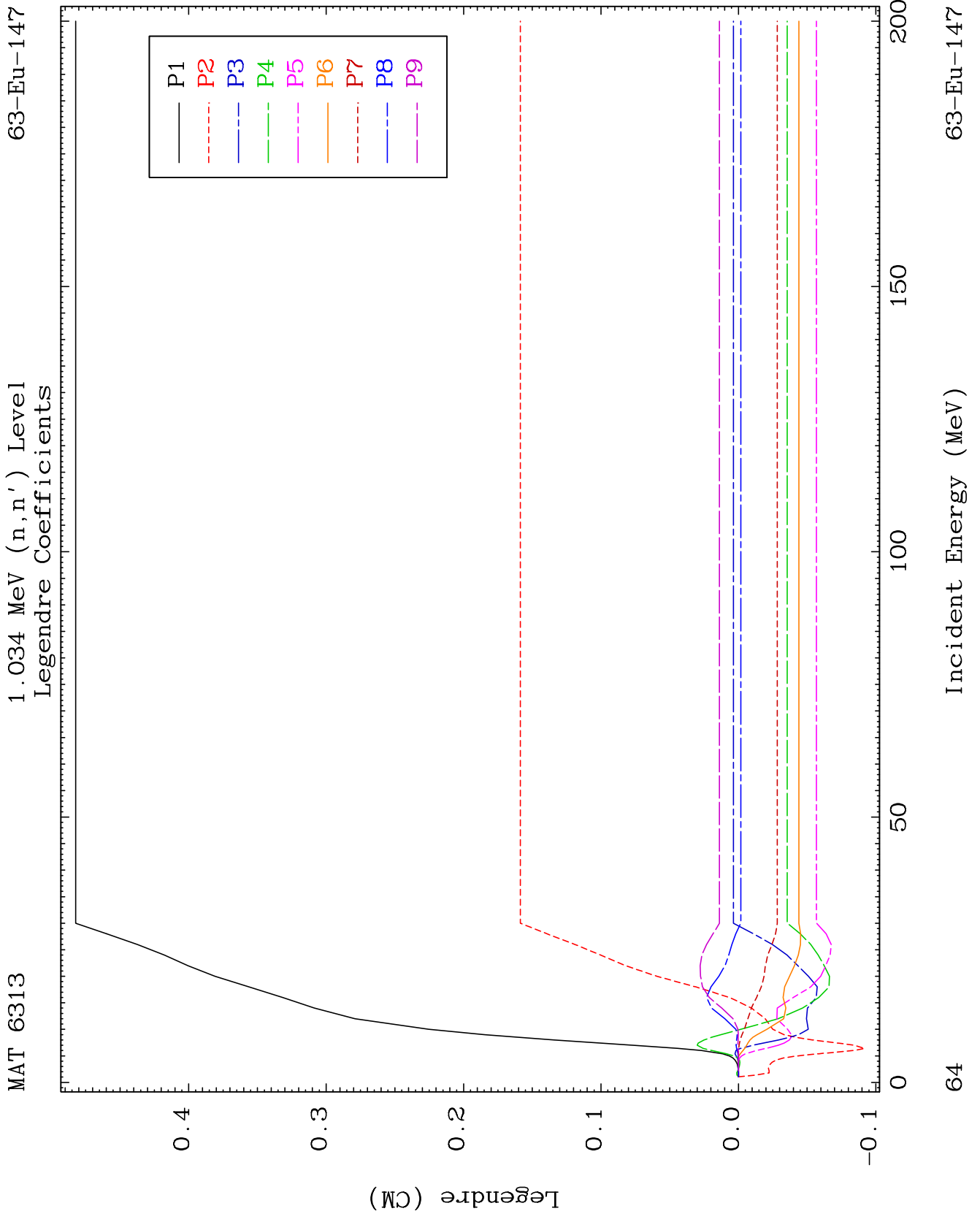
63-Eu-147



62

63-Eu-147

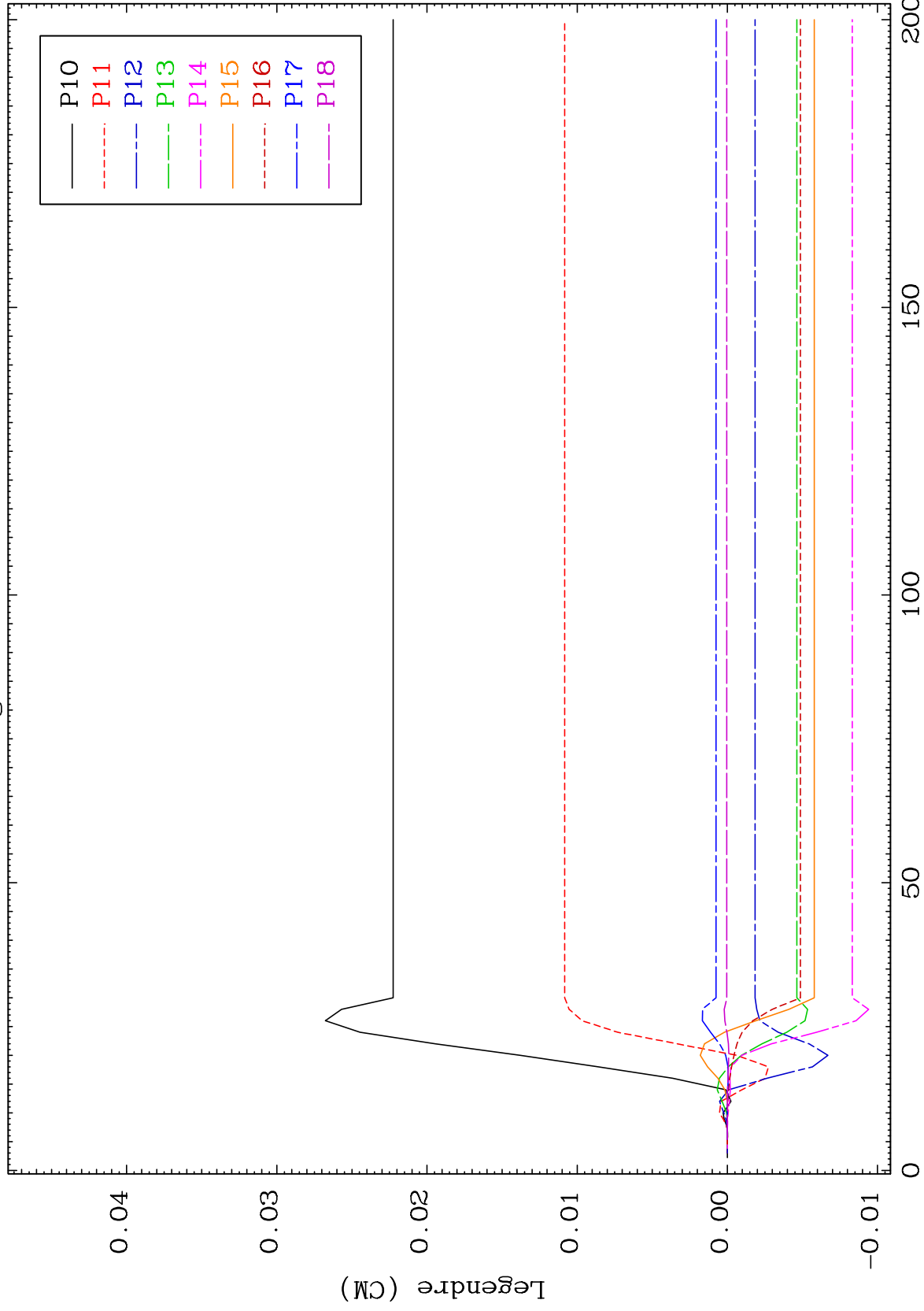




MAT 6313

1.034 MeV (n,n') Level
Legendre Coefficients

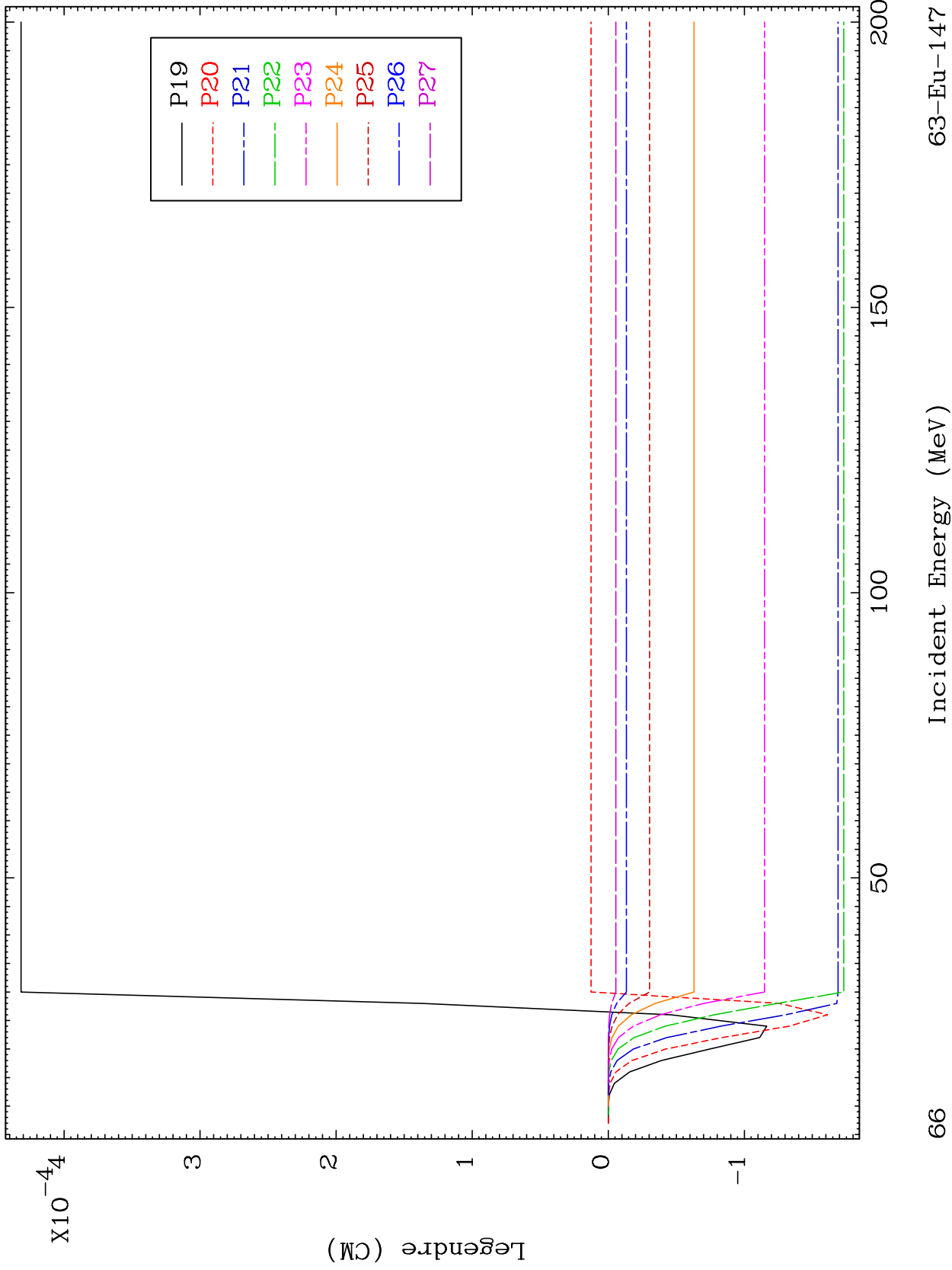
63-Eu-147

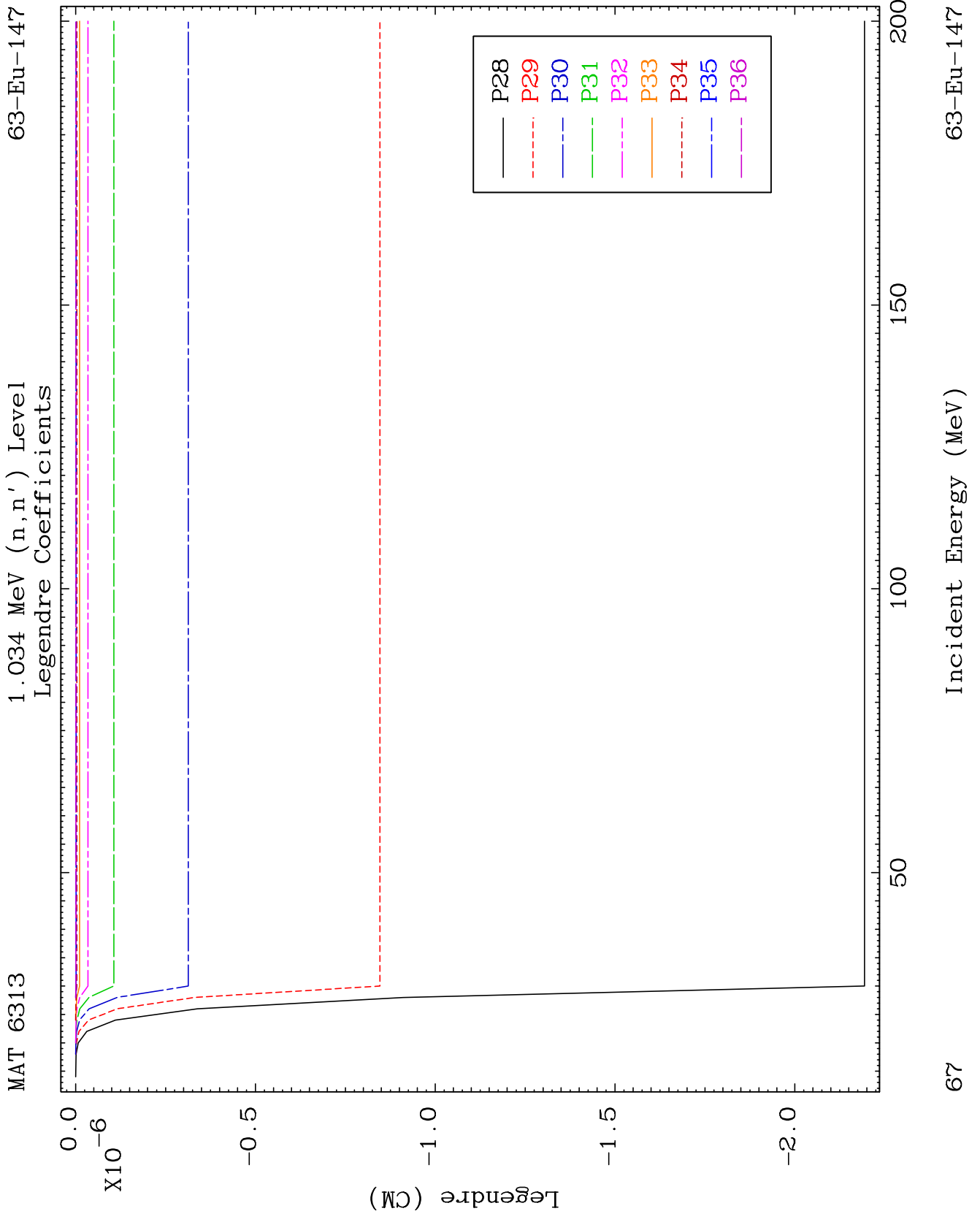


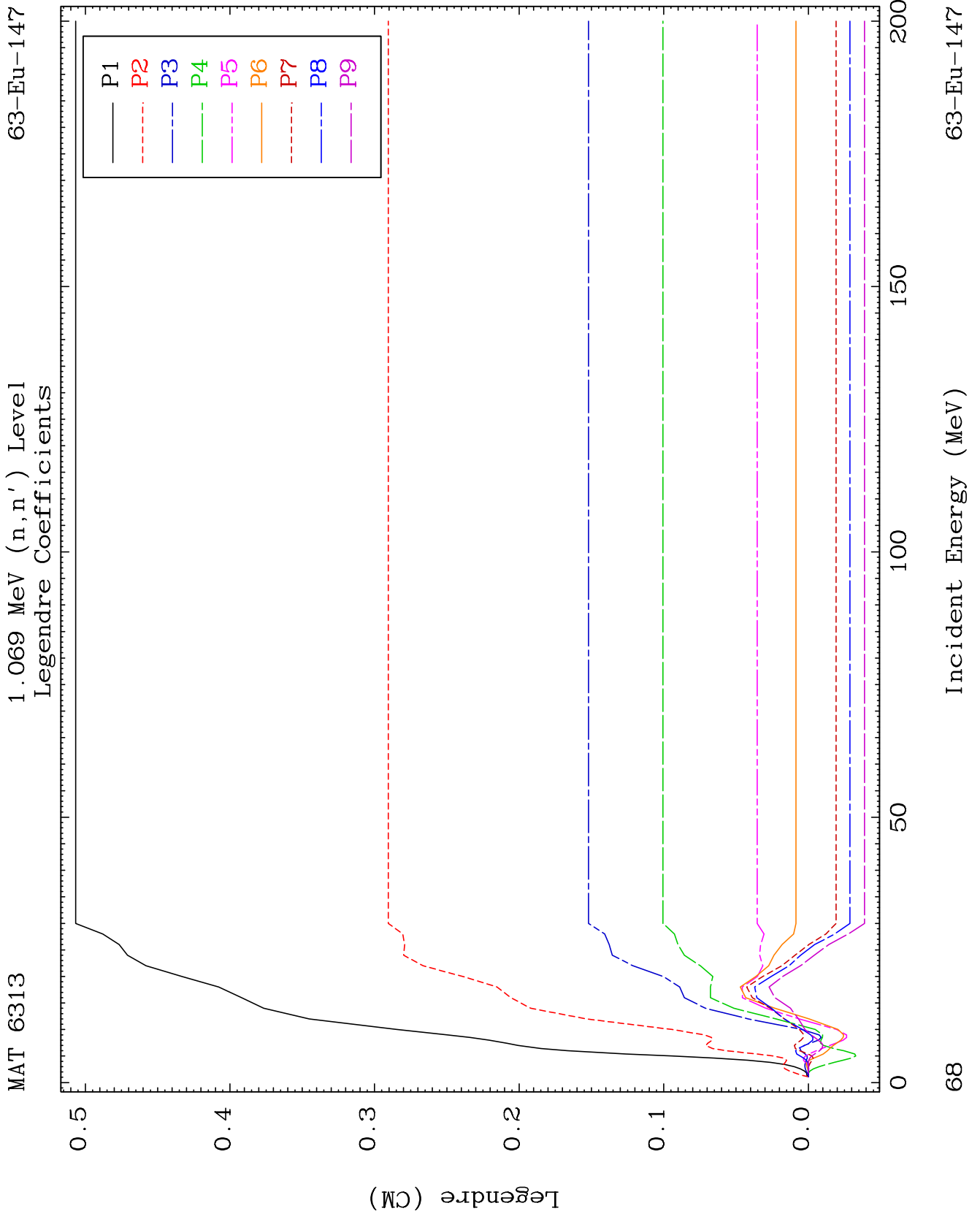
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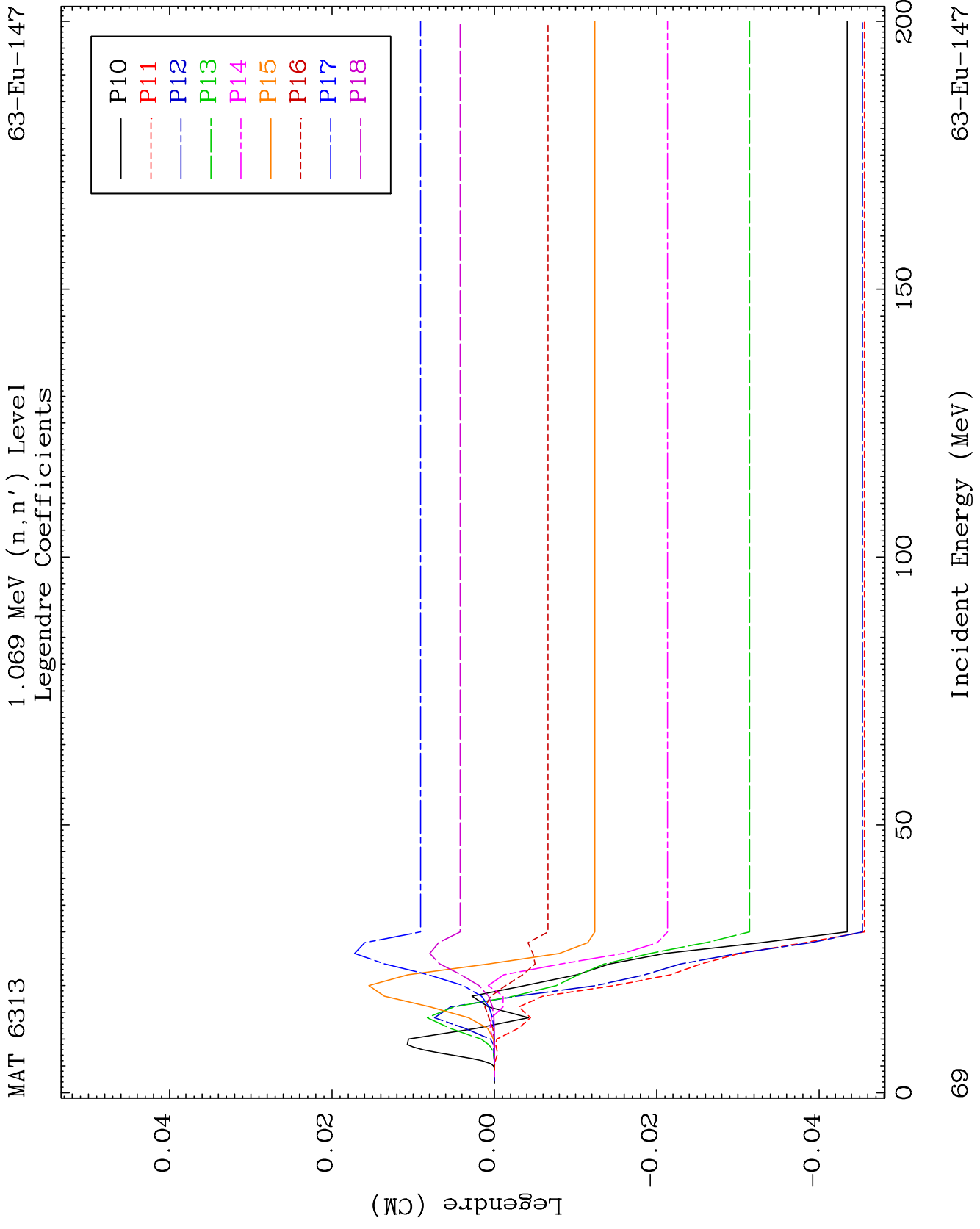
Incident Energy (MeV)

63-Eu-147





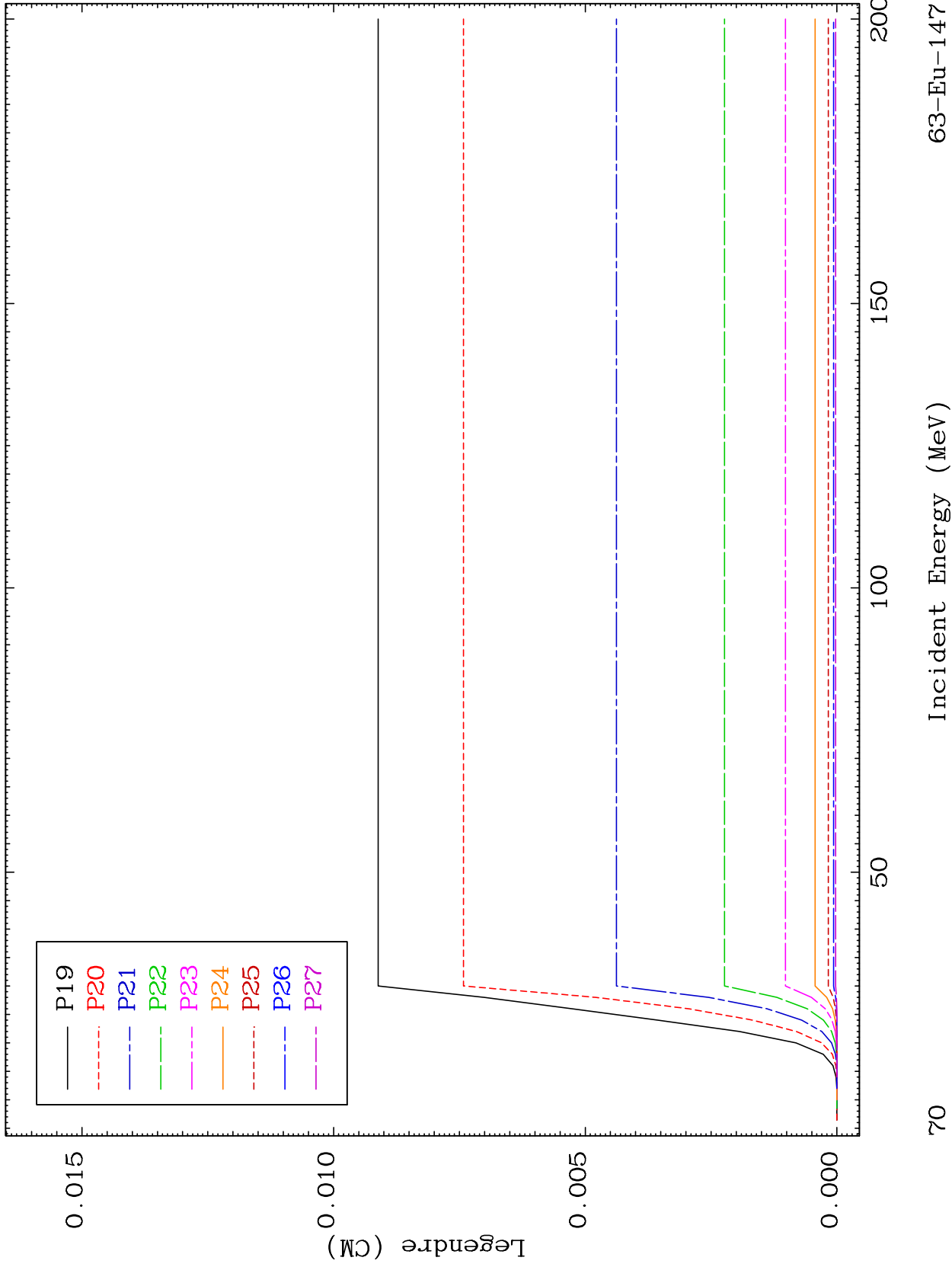




MAT 6313

1.069 MeV (n,n') Level
Legendre Coefficients

63-Eu-147



70

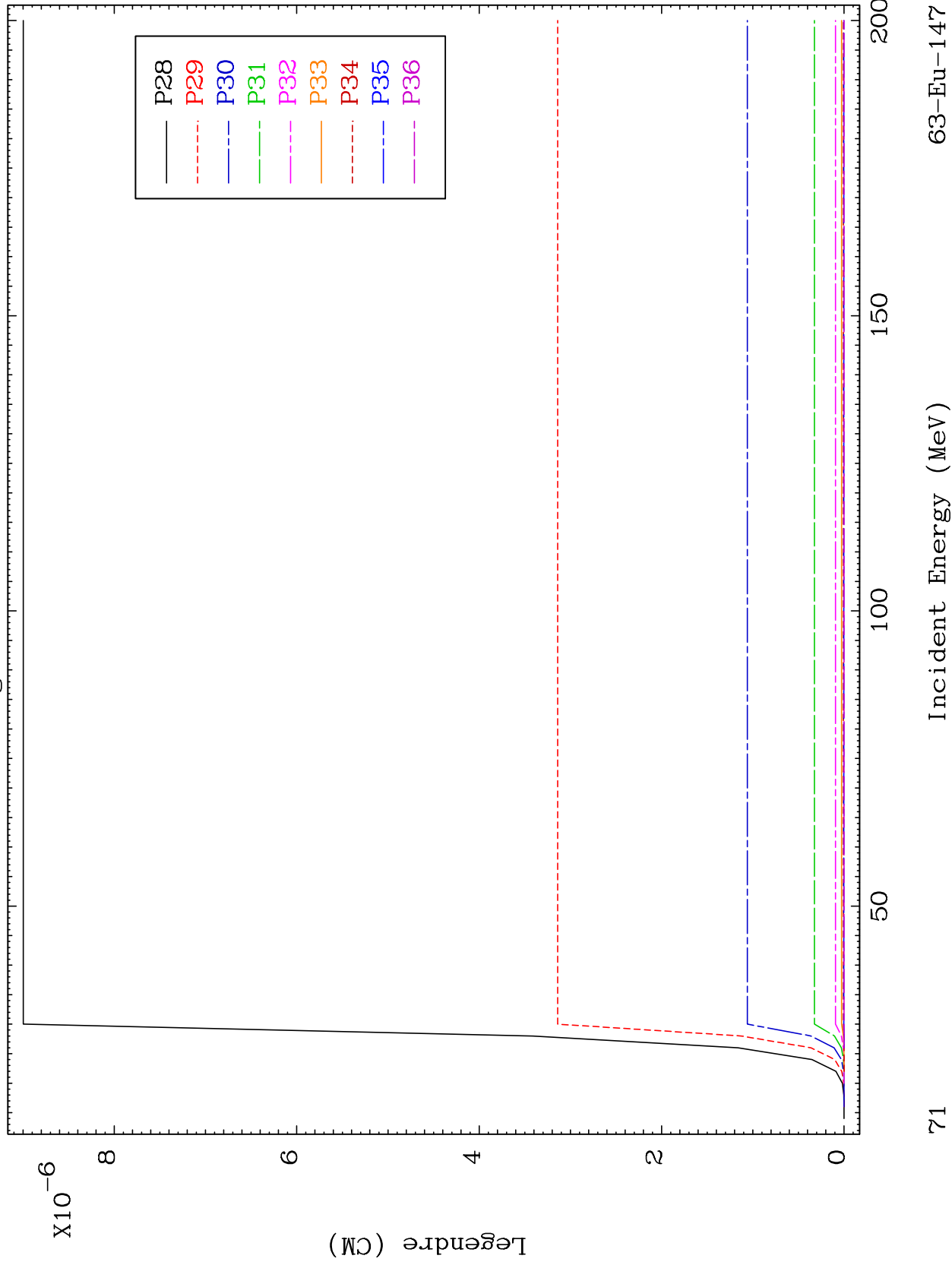
Incident Energy (MeV)

63-Eu-147

MAT 6313

1.069 MeV (n, n') Level
Legendre Coefficients

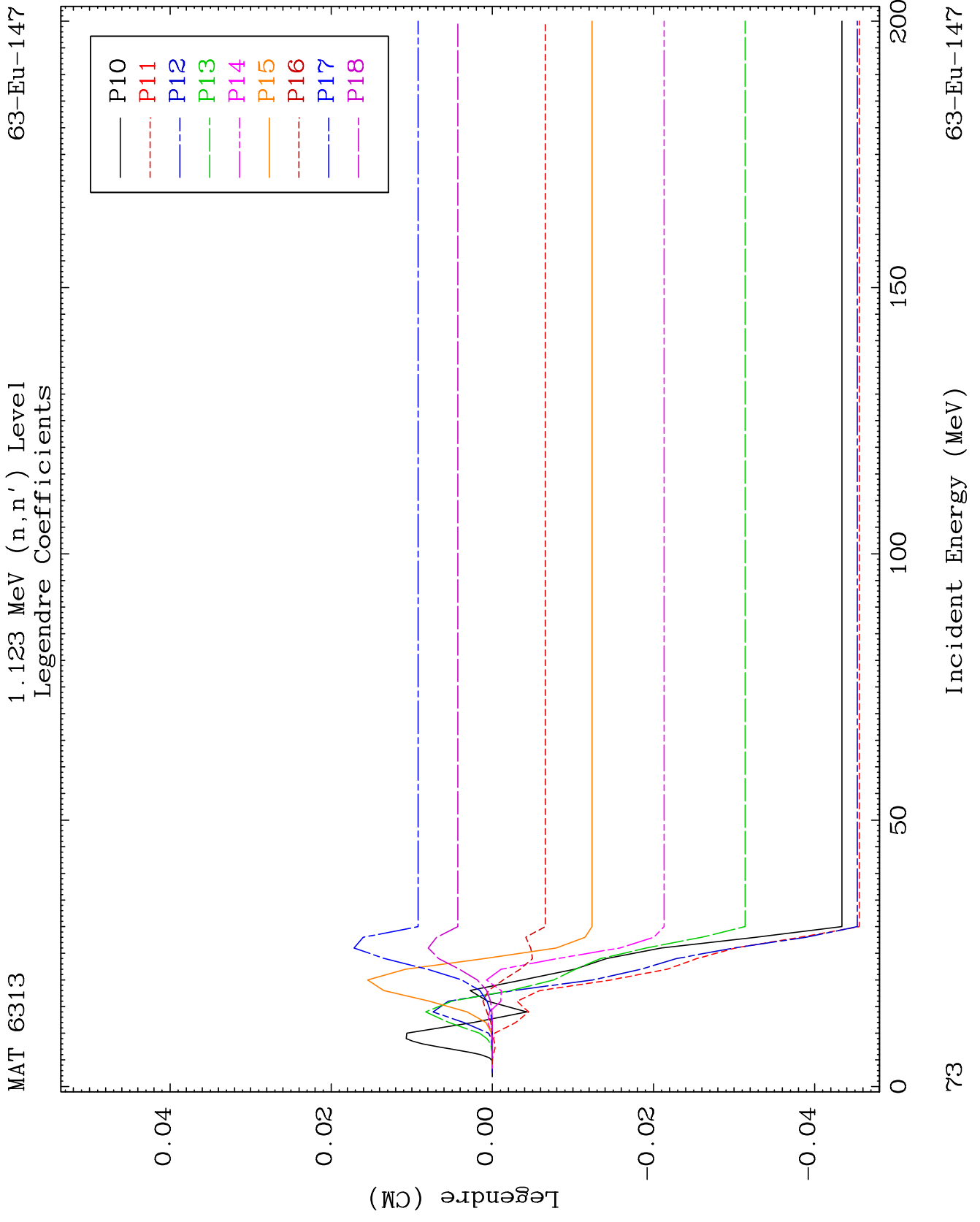
63-Eu-147



71

Incident Energy (MeV)

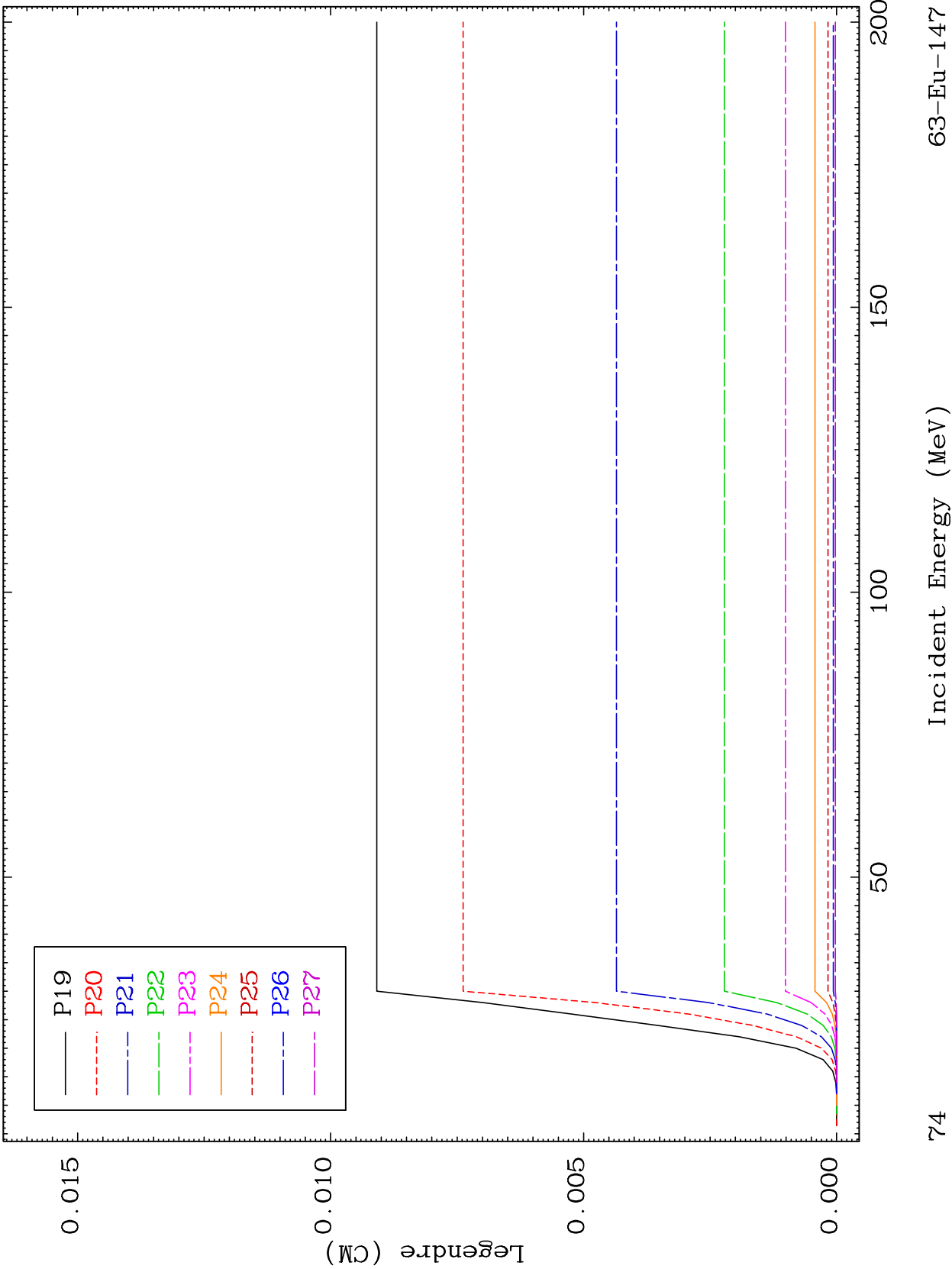
63-Eu-147



MAT 6313

1.123 MeV (n,n') Level Legendre Coefficients

63-Eu-147



74

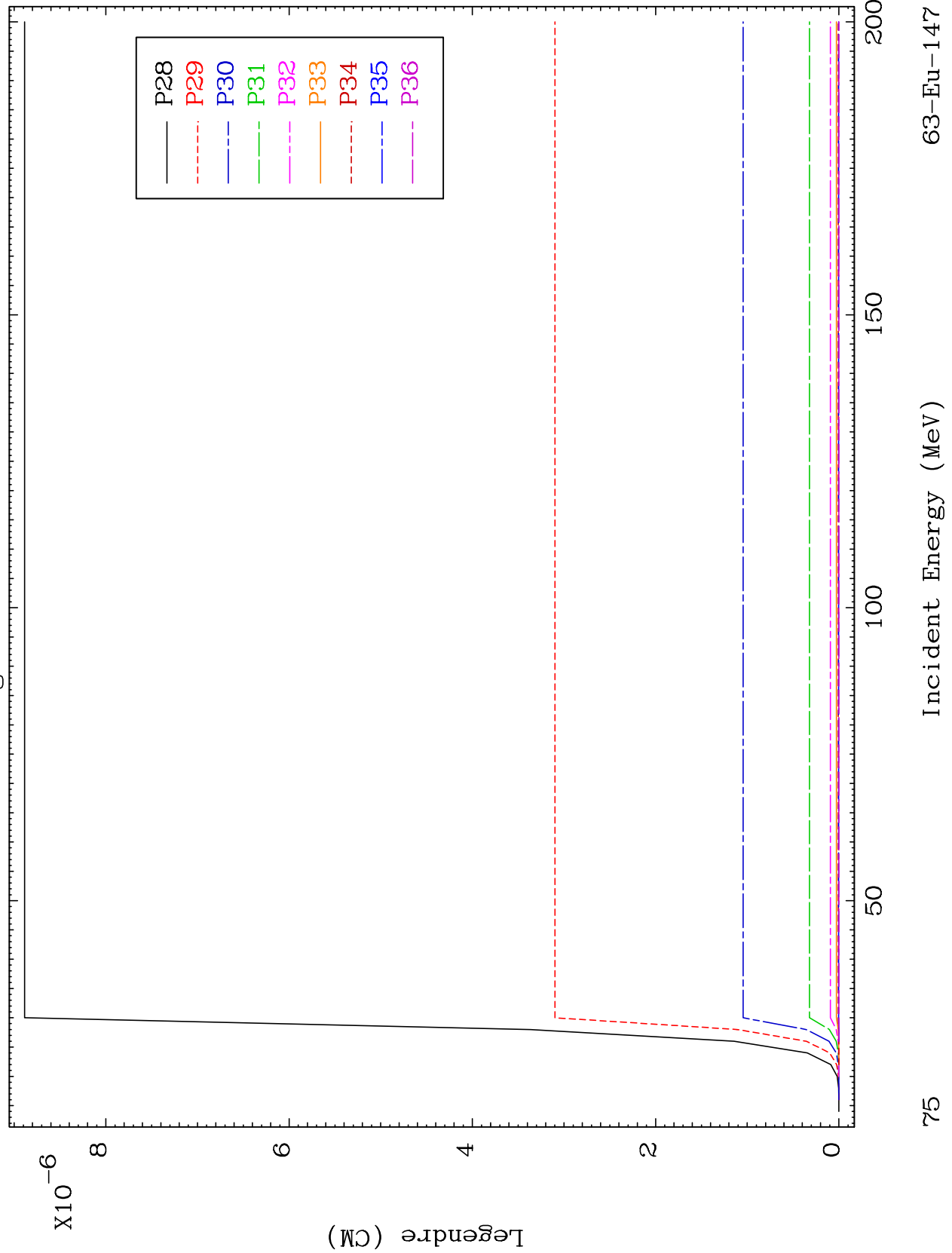
Incident Energy (MeV)

63-Eu-147

MAT 6313

1.123 MeV (n,n') Level
Legendre Coefficients

63-Eu-147



75

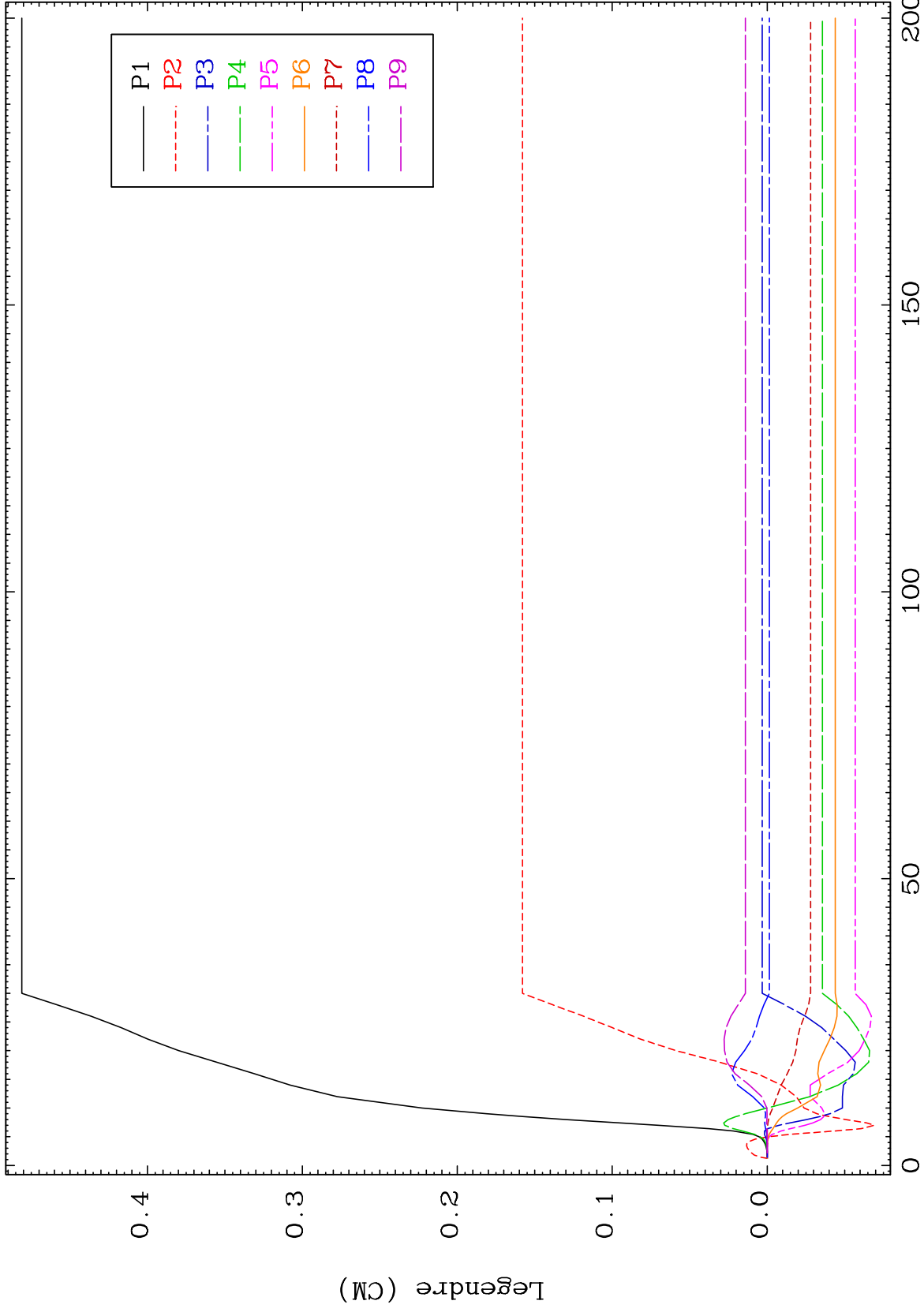
Incident Energy (MeV)

63-Eu-147

MAT 6313

1.213 MeV (n,n') Level
Legendre Coefficients

63-Eu-147



76

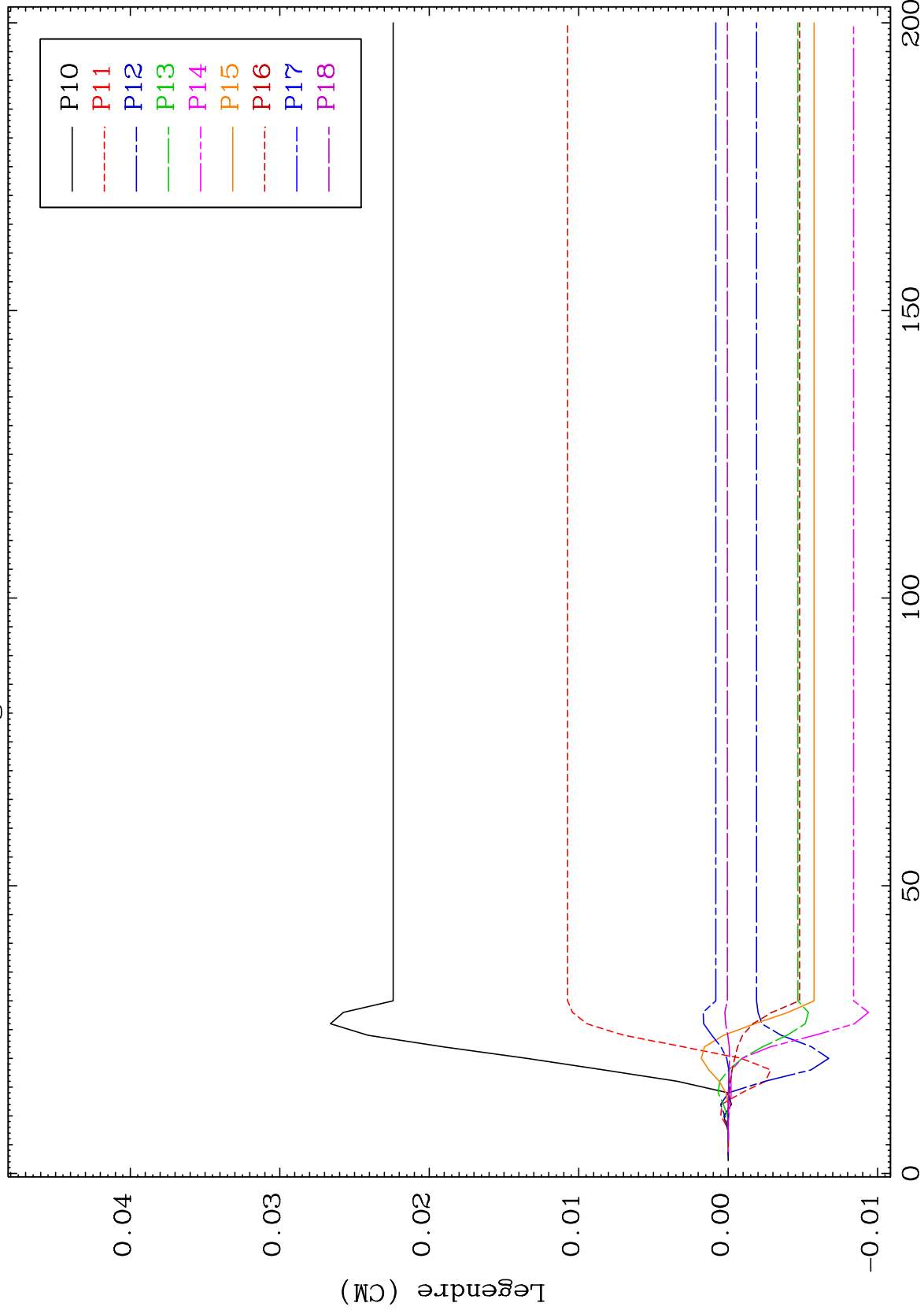
Incident Energy (MeV)

63-Eu-147

MAT 6313

1.213 MeV (n,n') Level
Legendre Coefficients

63-Eu-147



77

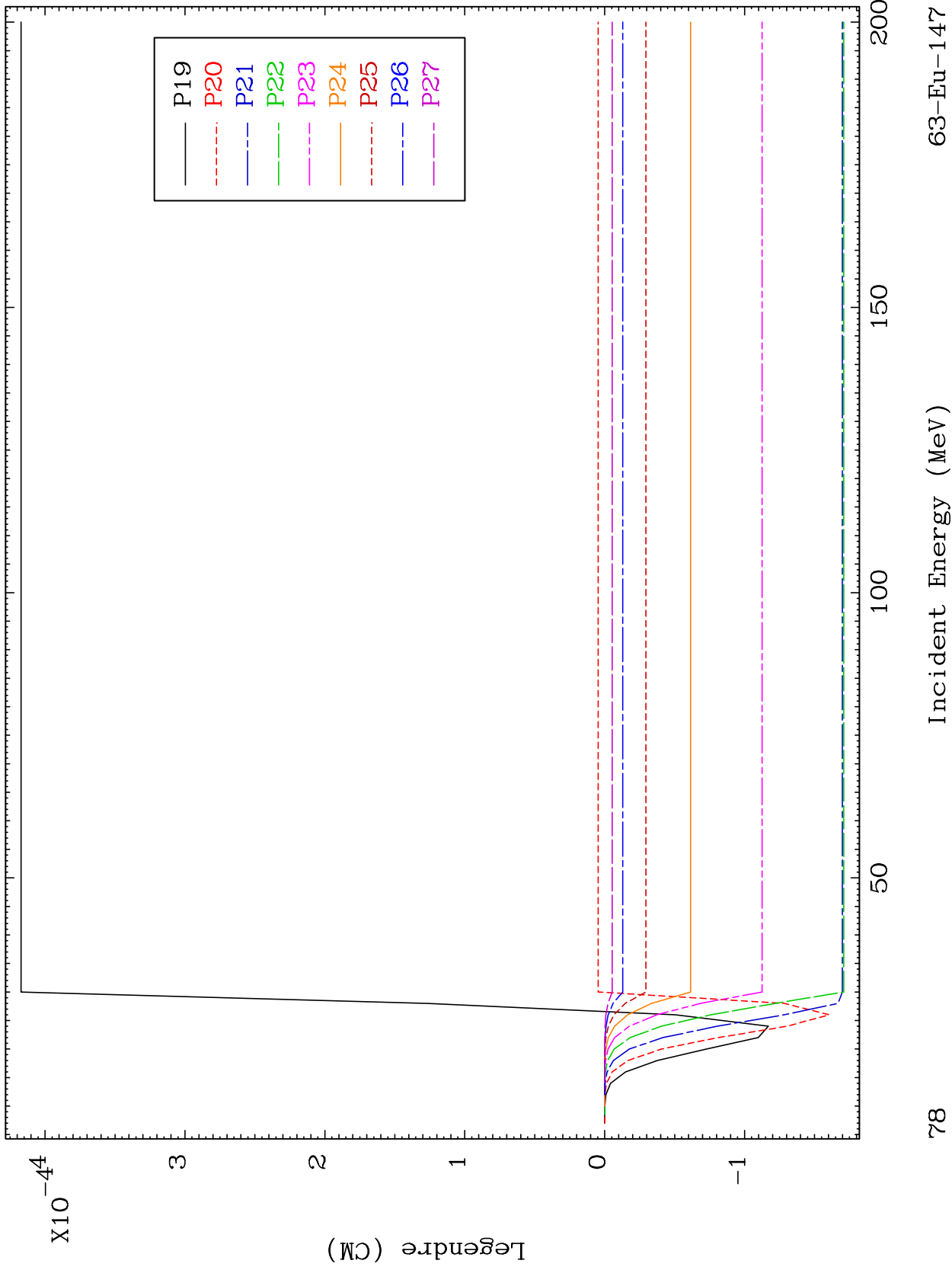
Incident Energy (MeV)

63-Eu-147

MAT 6313

1.213 MeV (n, n') Level
Legendre Coefficients

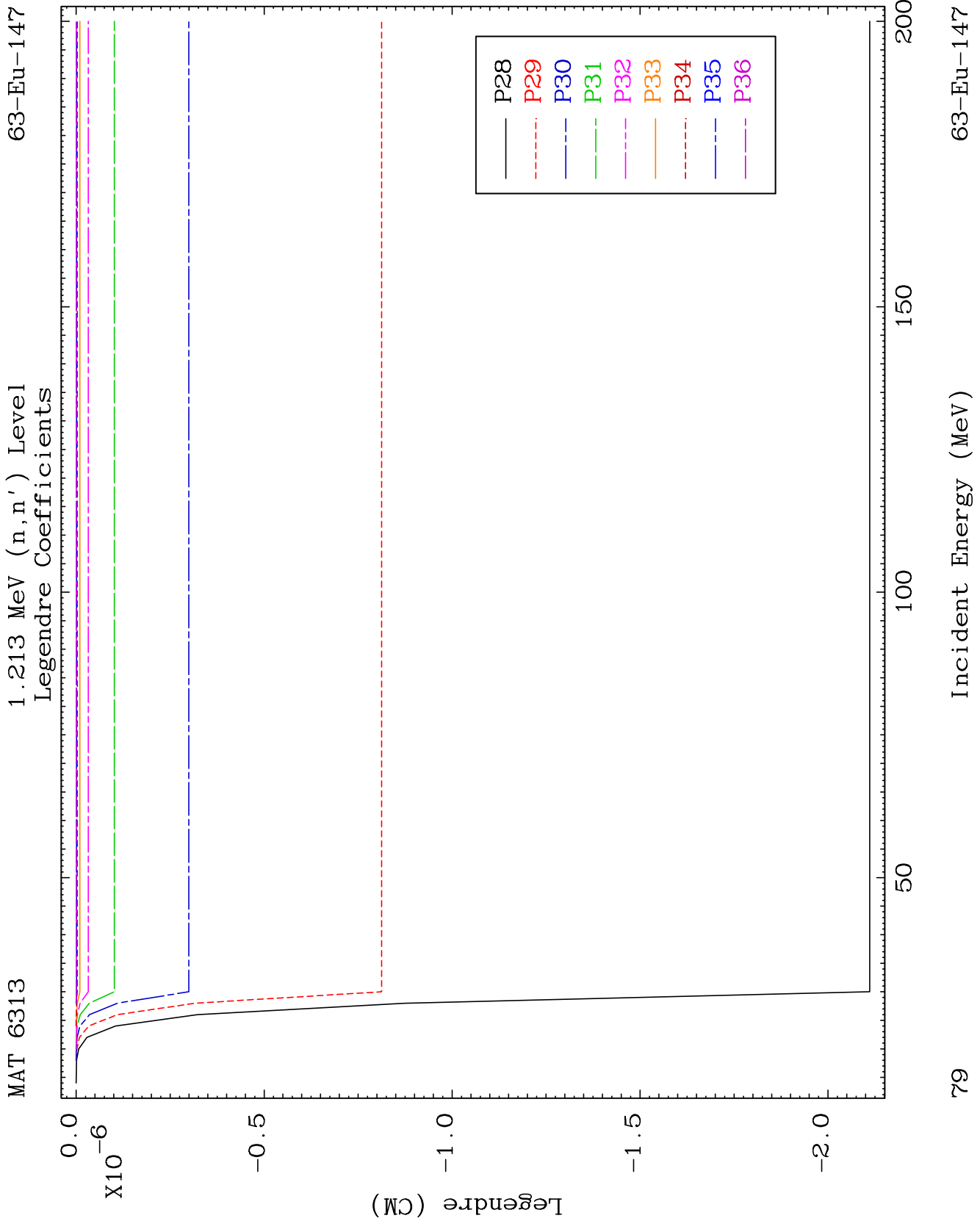
63-Eu-147



78

Incident Energy (MeV)

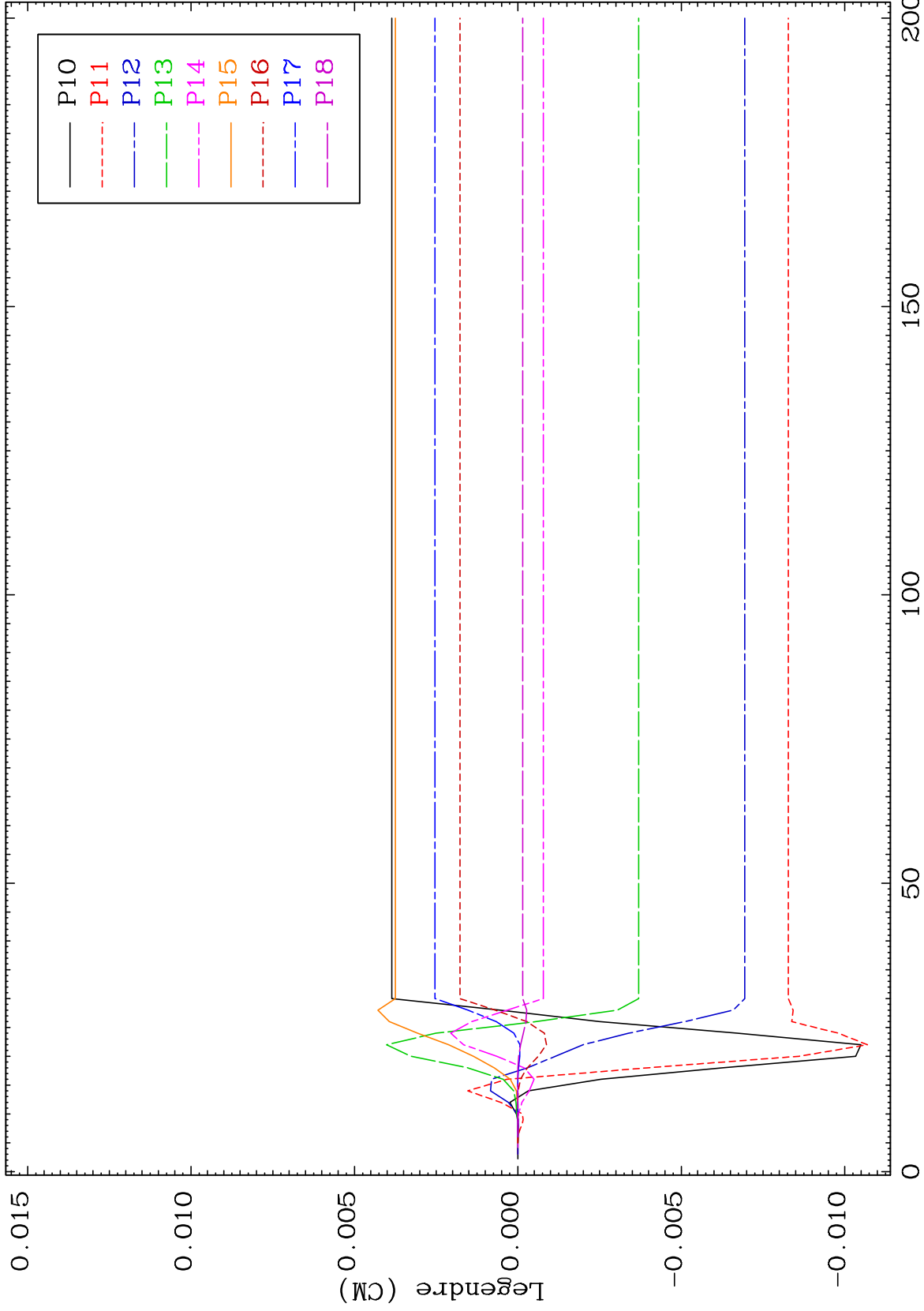
63-Eu-147



MAT 6313

1.236 MeV (n,n') Level
Legendre Coefficients

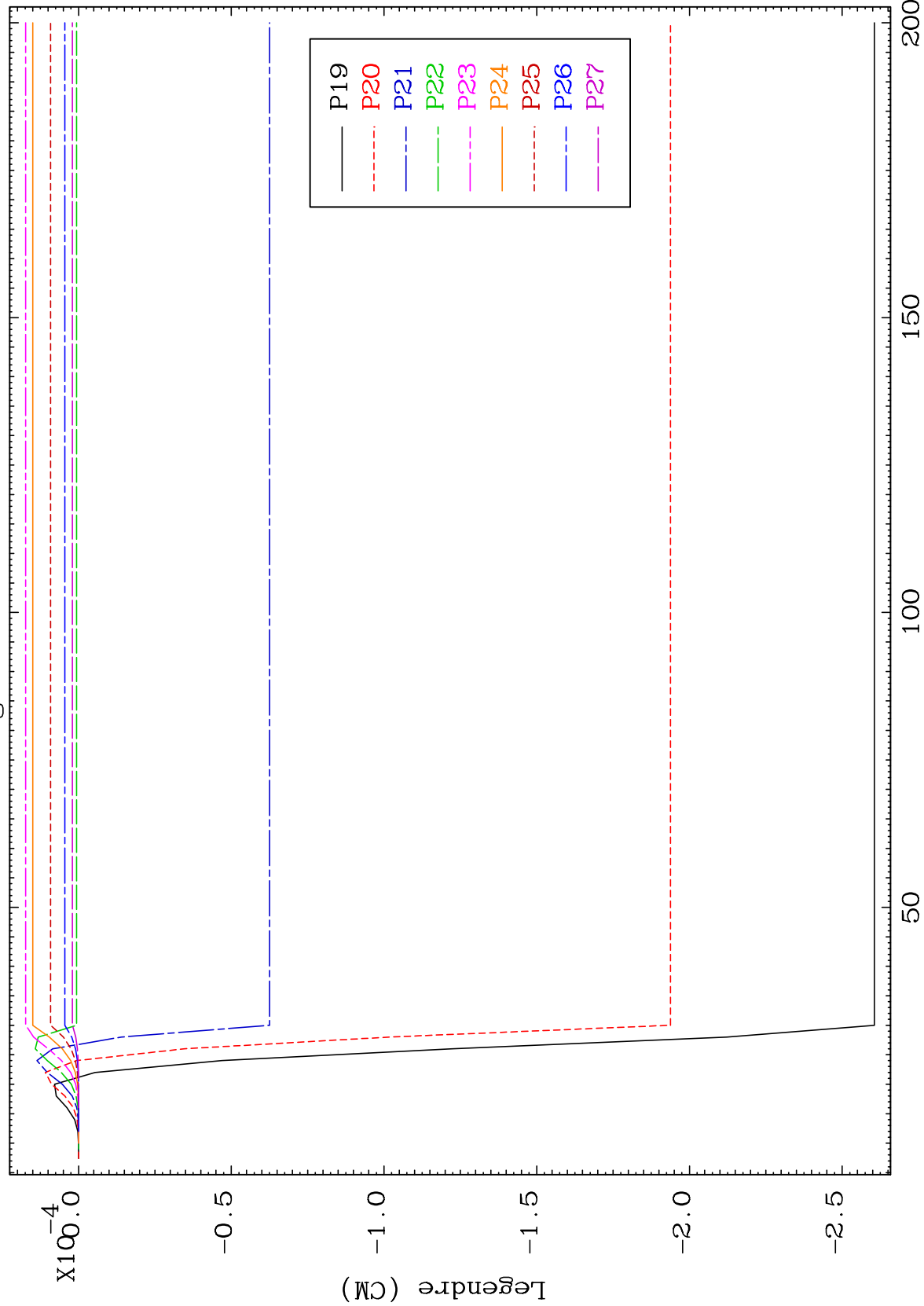
63-Eu-147

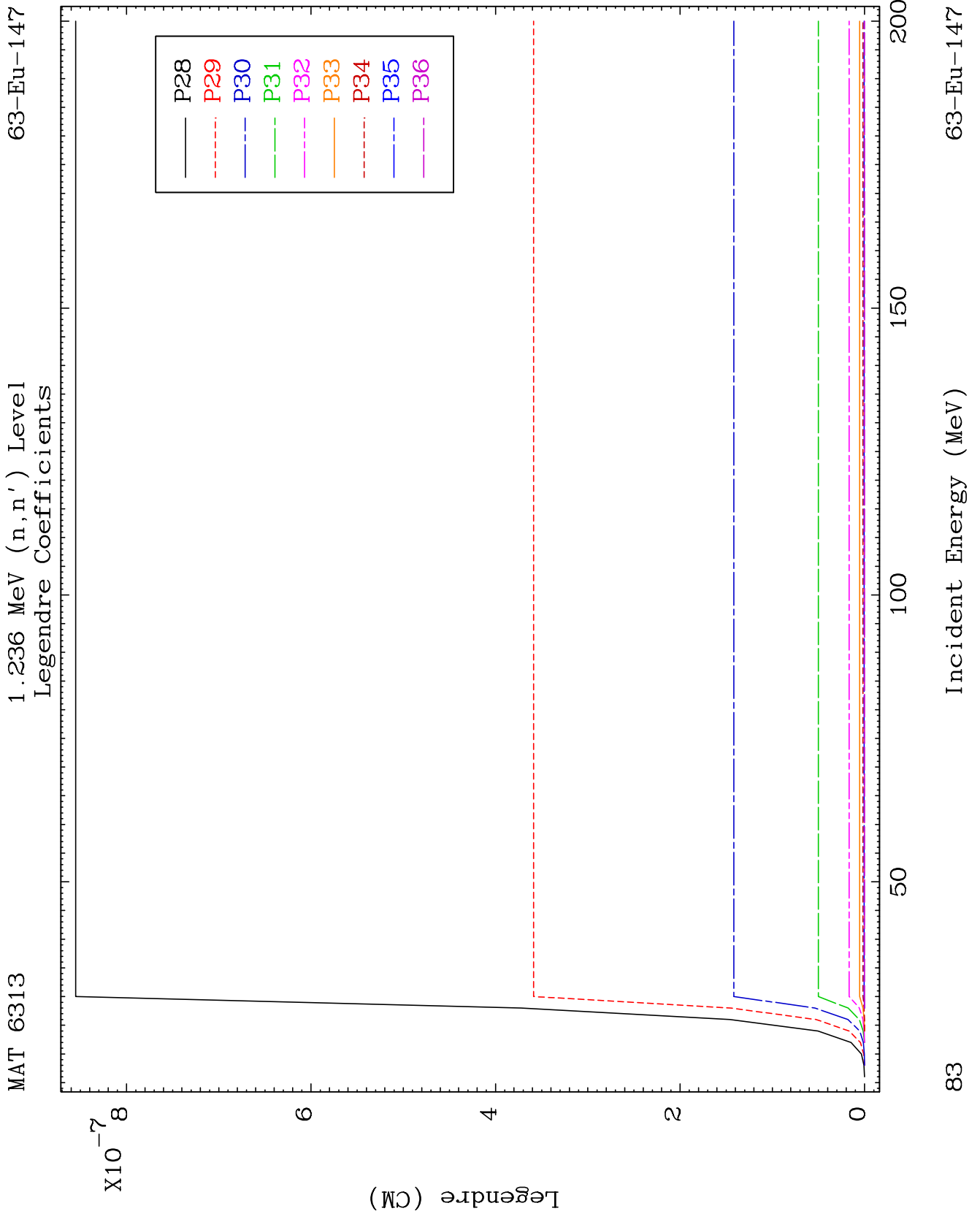


81

Incident Energy (MeV)

63-Eu-147

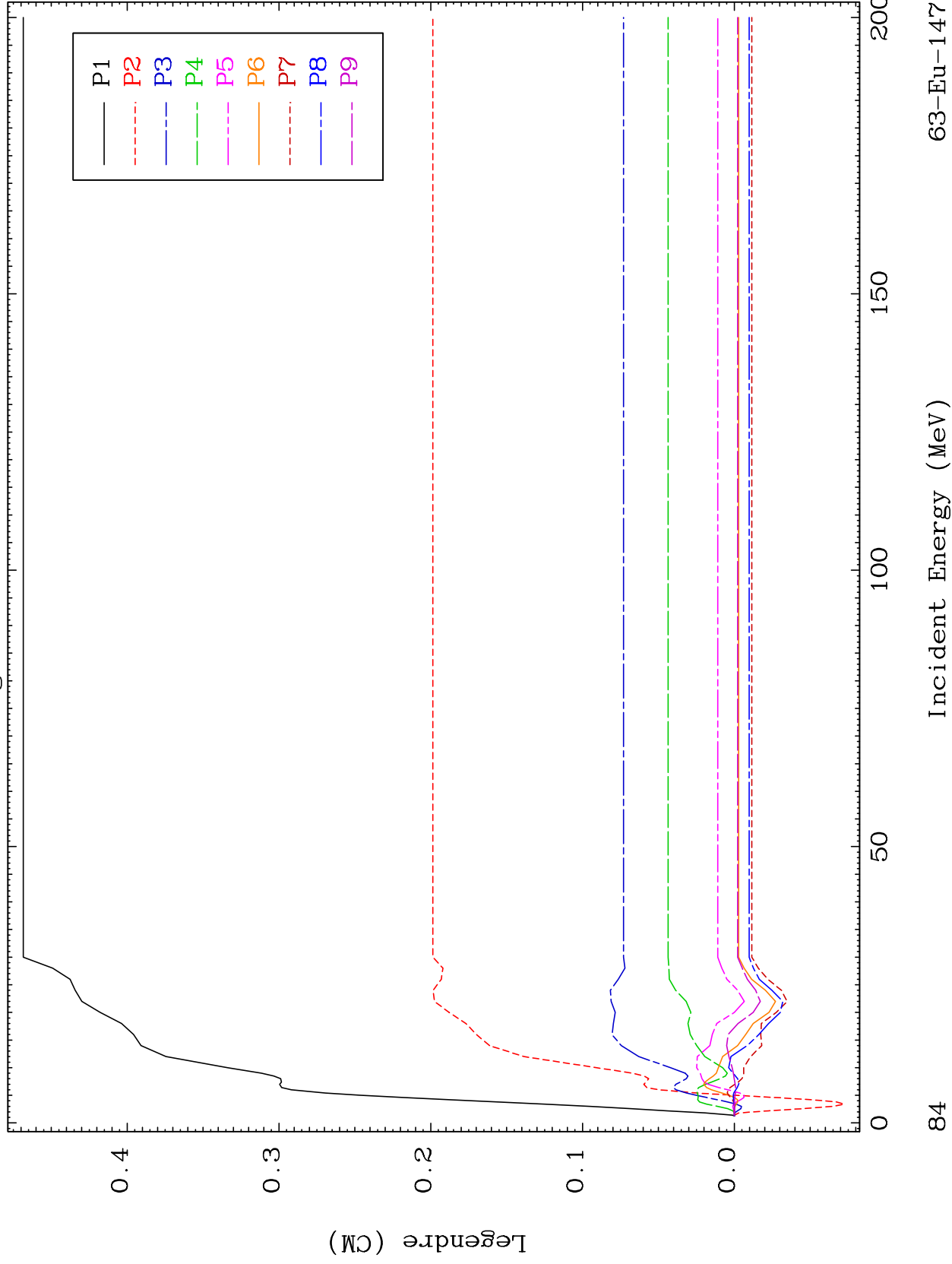




MAT 6313

1.244 MeV (n,n') Level
Legendre Coefficients

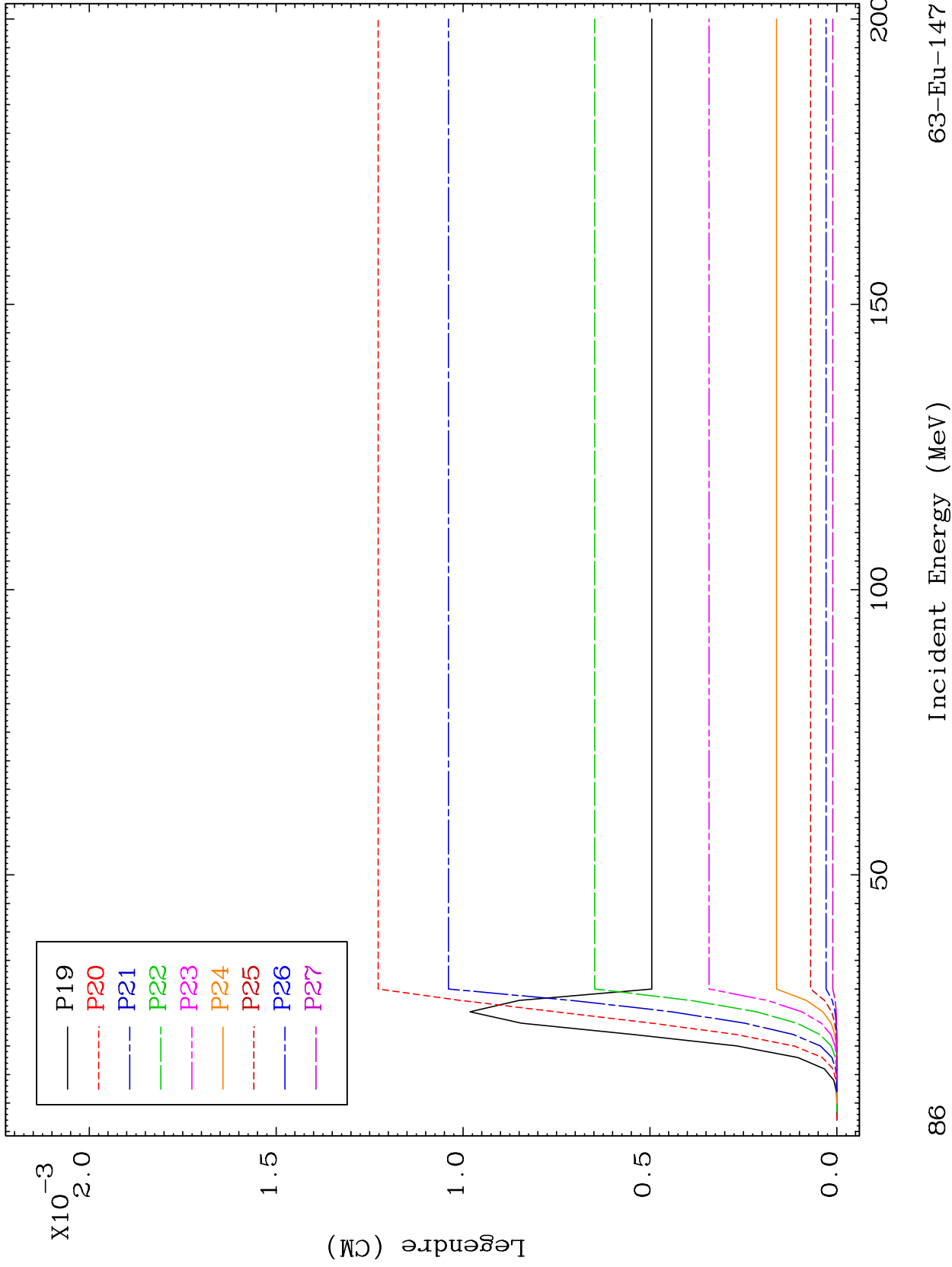
63-Eu-147

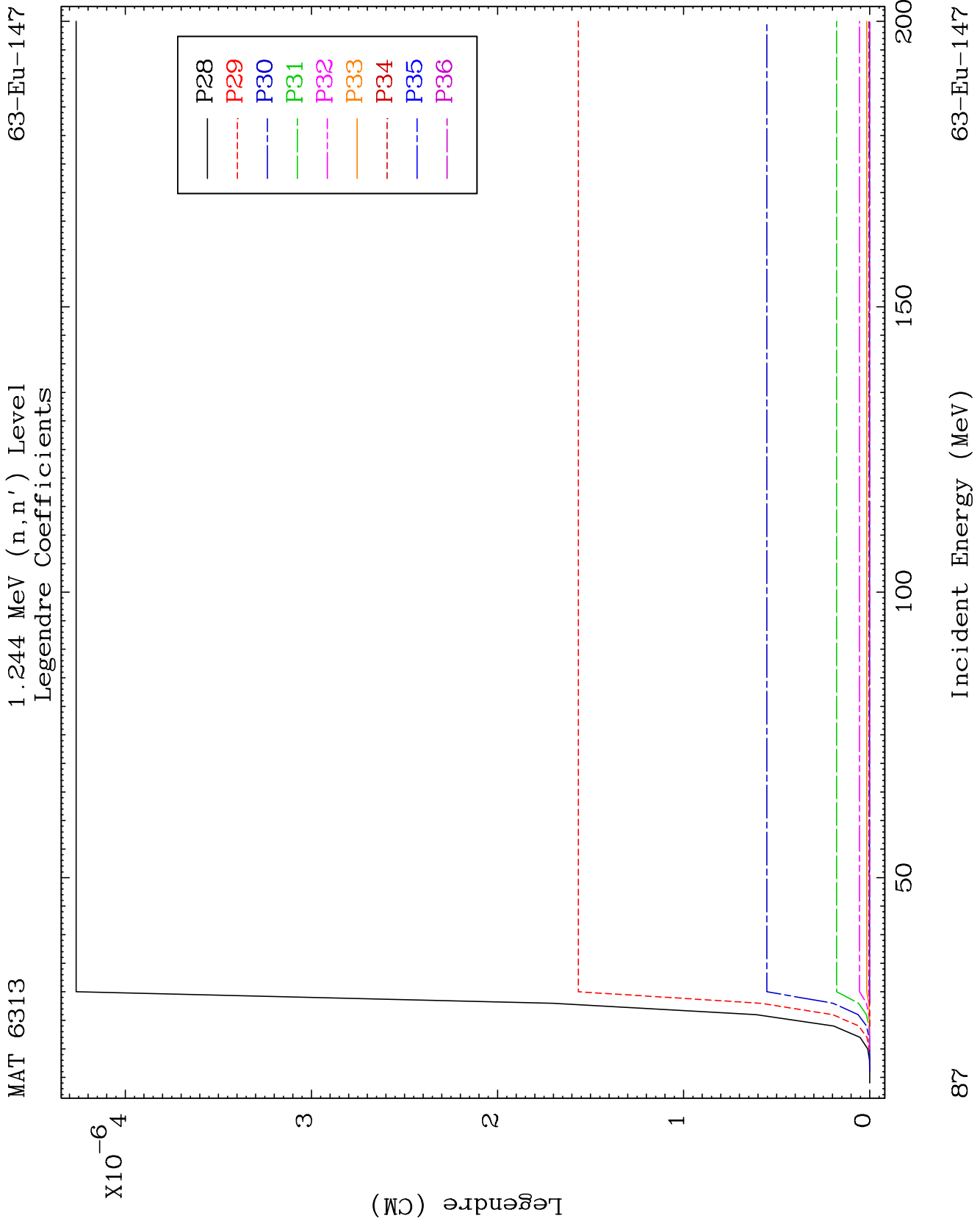


63-Eu-147

Incident Energy (MeV)

84

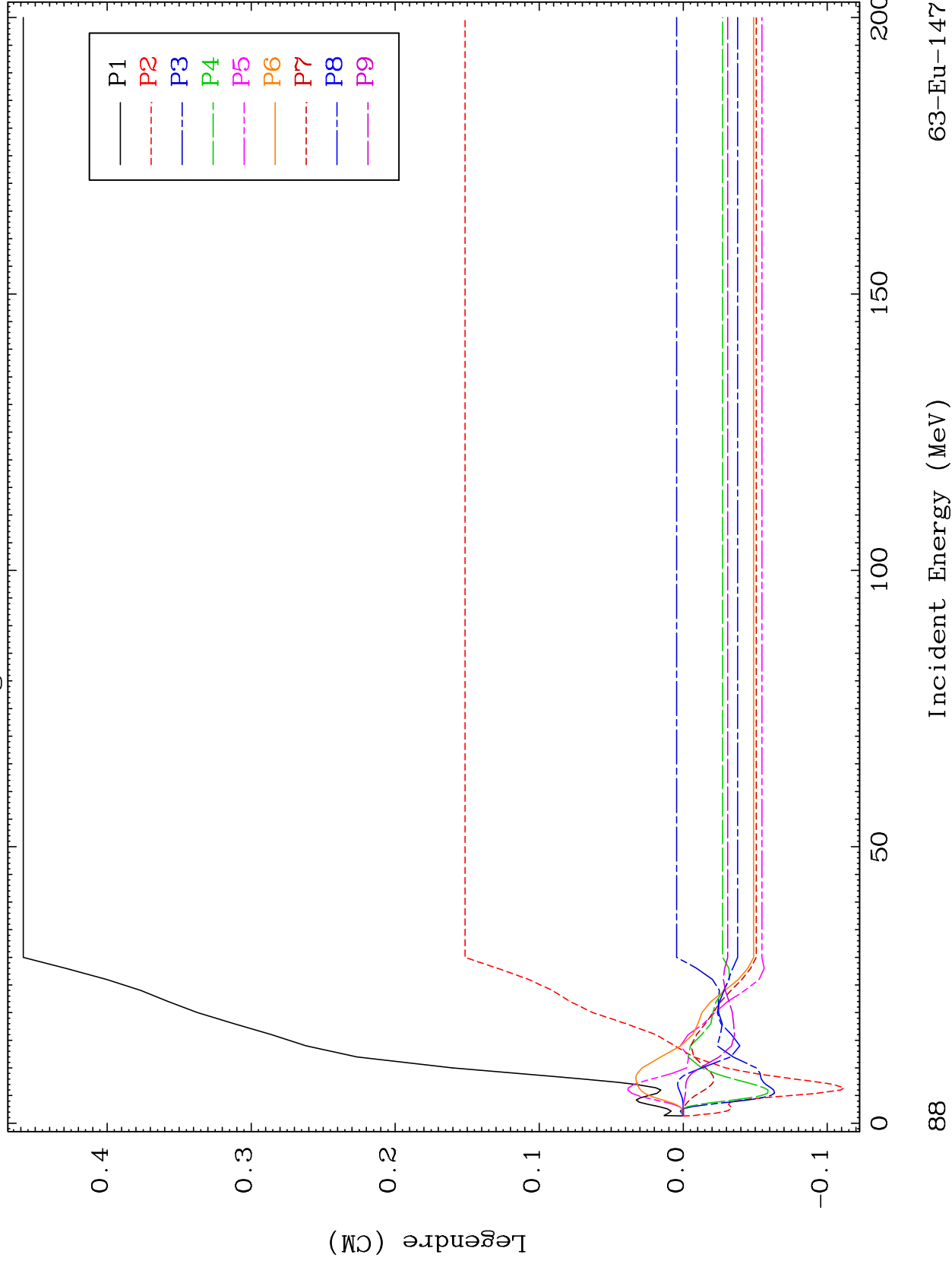




MAT 6313

1.289 MeV (n,n') Level
Legendre Coefficients

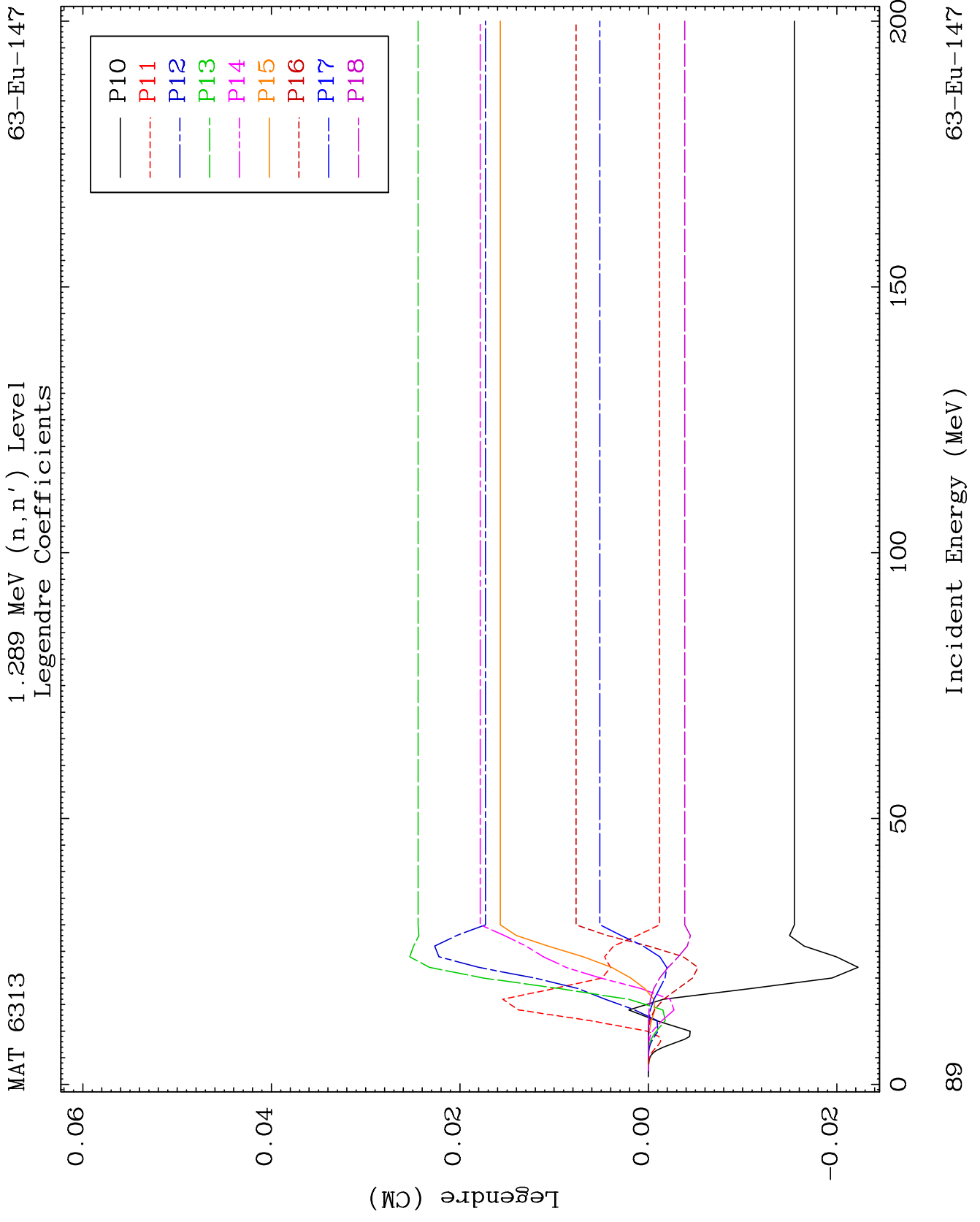
63-Eu-147



63-Eu-147

Incident Energy (MeV)

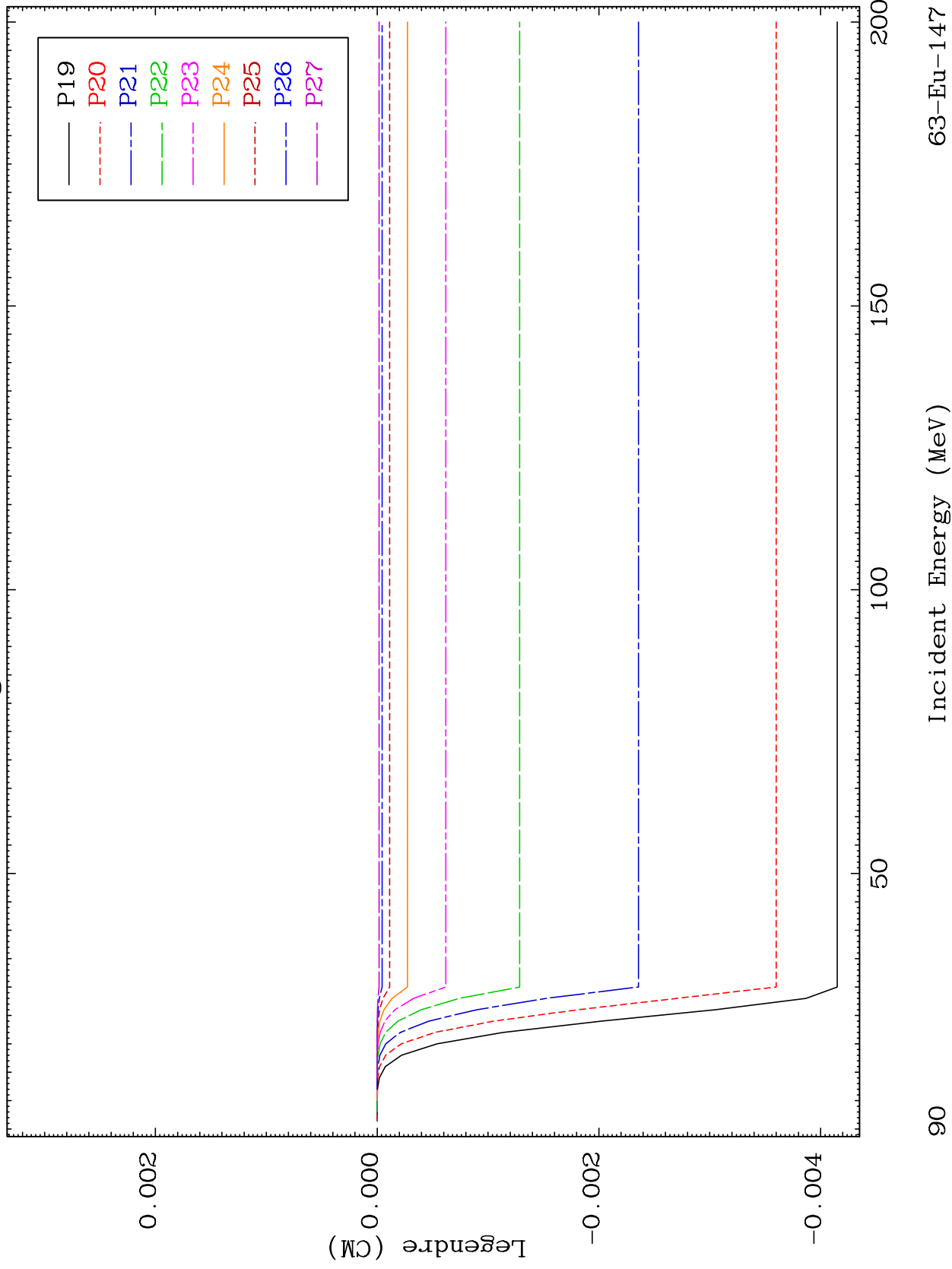
88



MAT 6313

1.289 MeV (n,n') Level
Legendre Coefficients

63-Eu-147



90

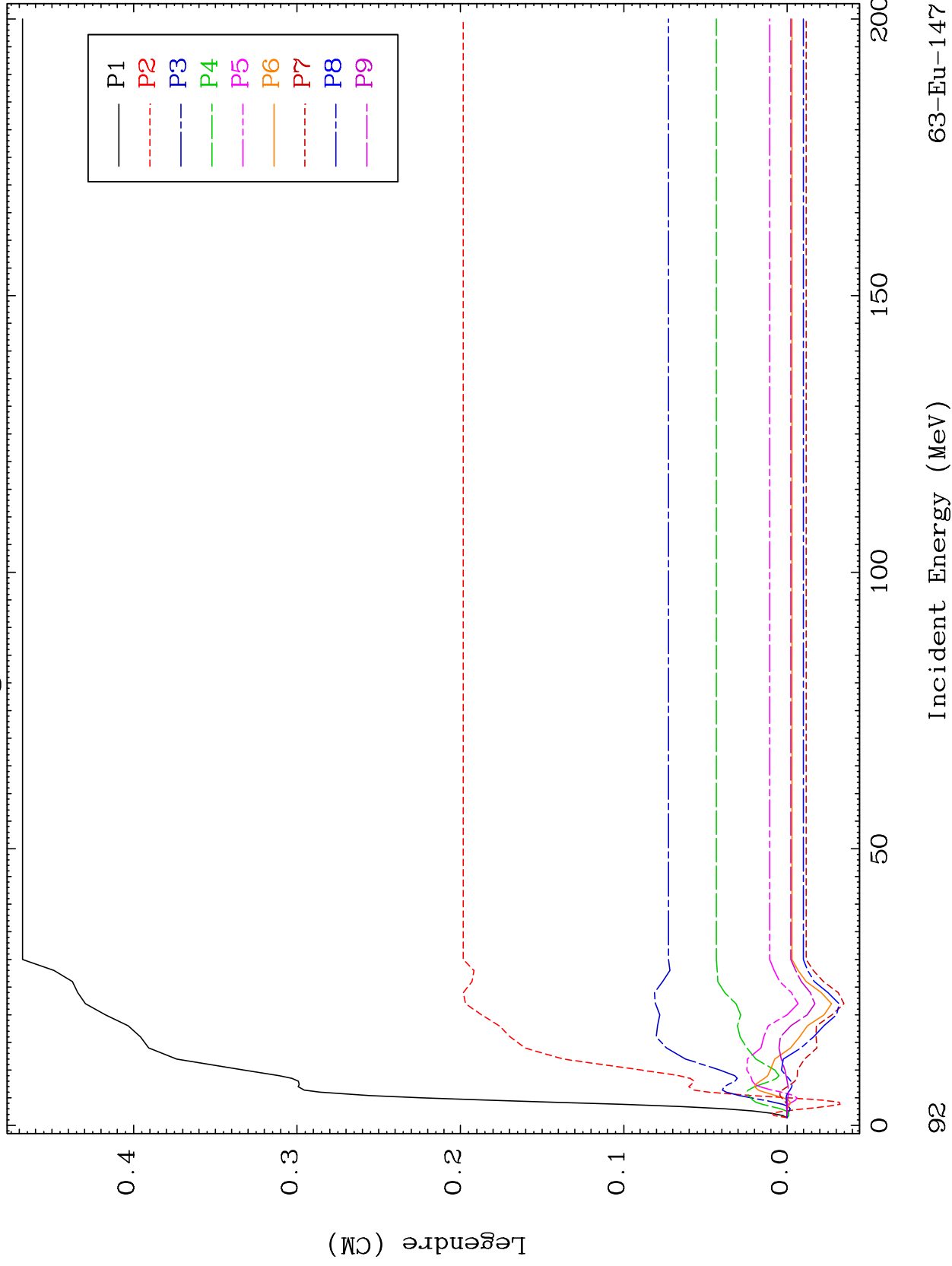
Incident Energy (MeV)

63-Eu-147

MAT 6313

1.338 MeV (n,n') Level
Legendre Coefficients

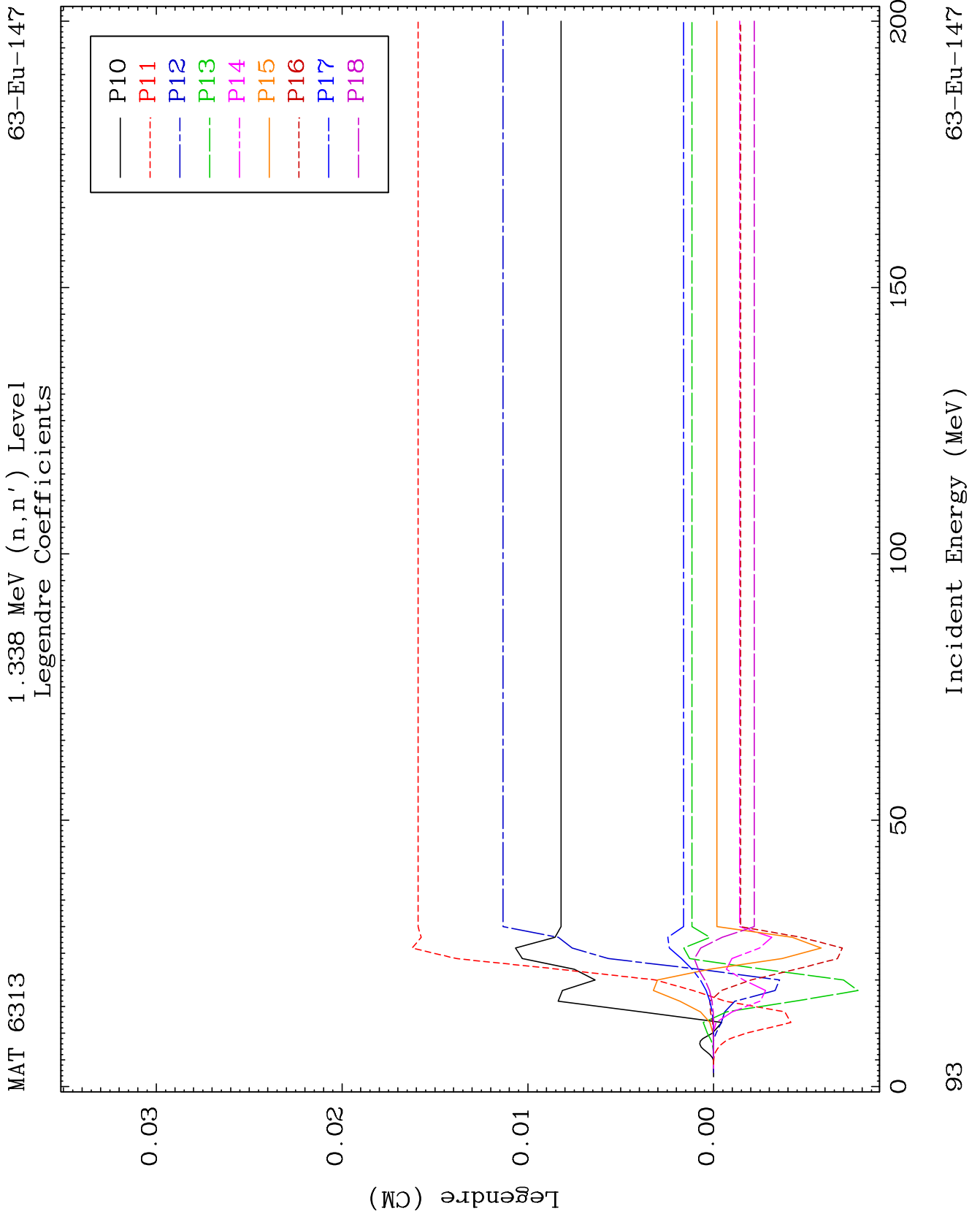
63-Eu-147



63-Eu-147

Incident Energy (MeV)

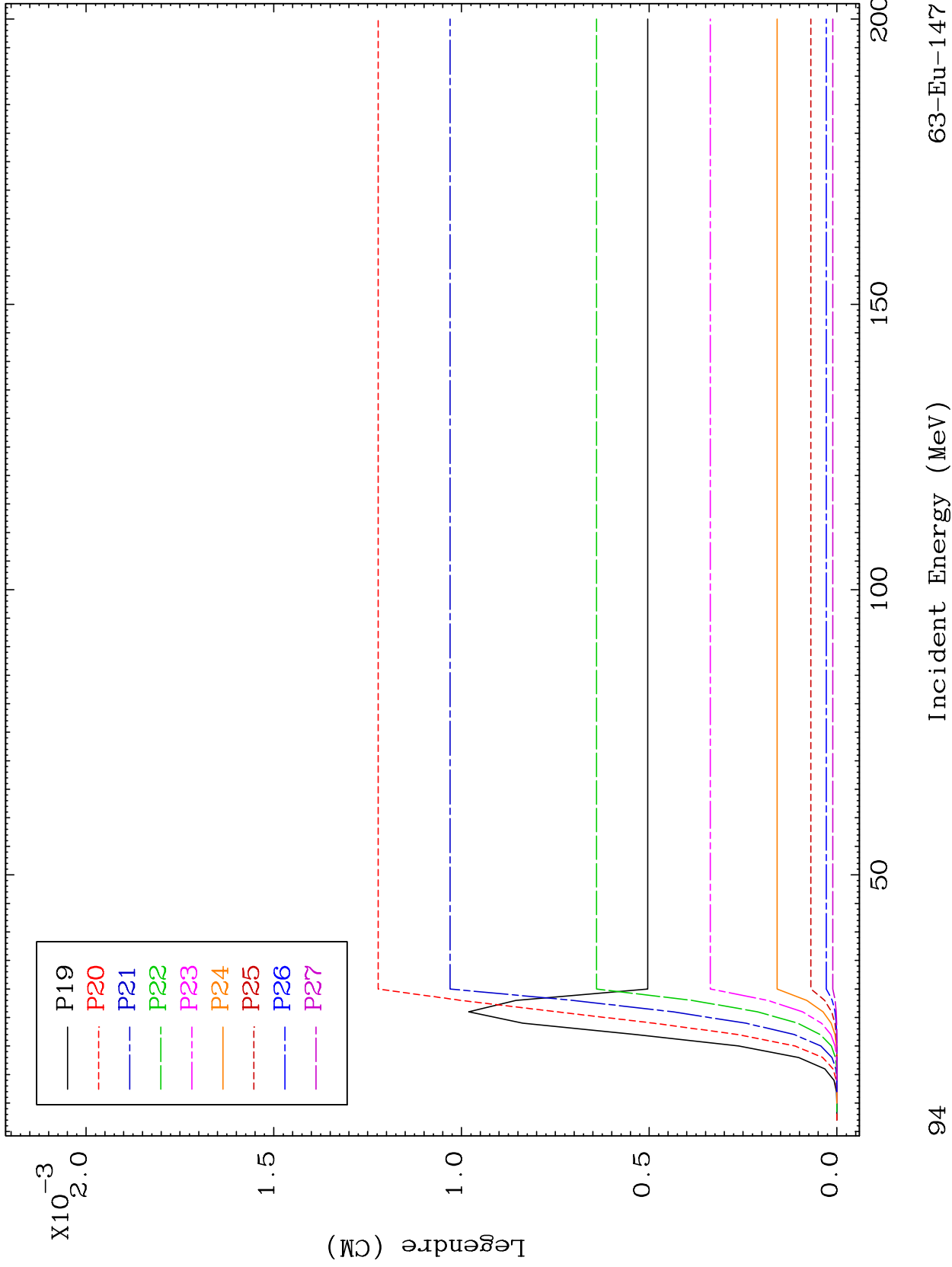
92



MAT 6313

1.338 MeV (n, n') Level
Legendre Coefficients

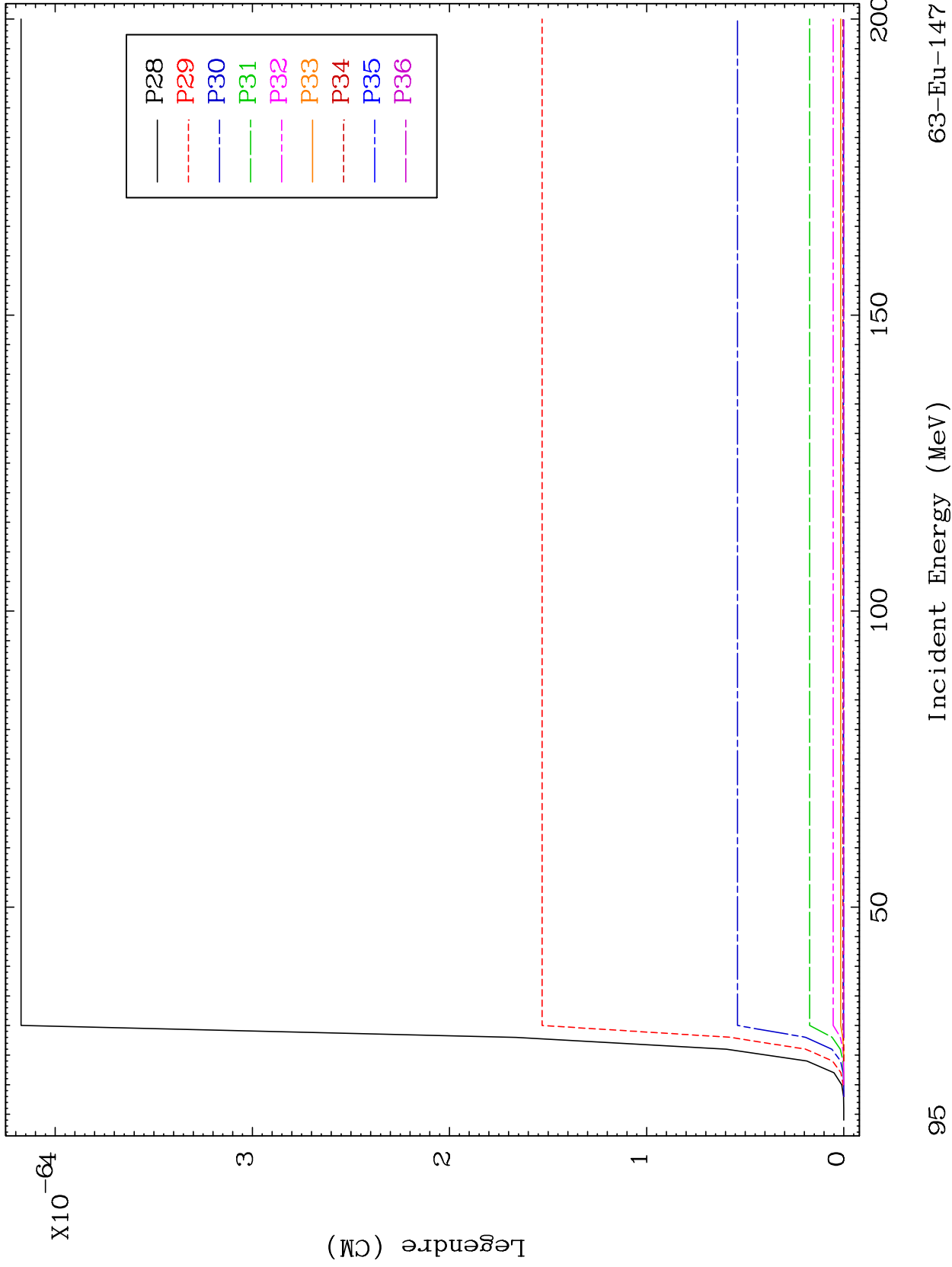
63-Eu-147



MAT 6313

1.338 MeV (n,n') Level
Legendre Coefficients

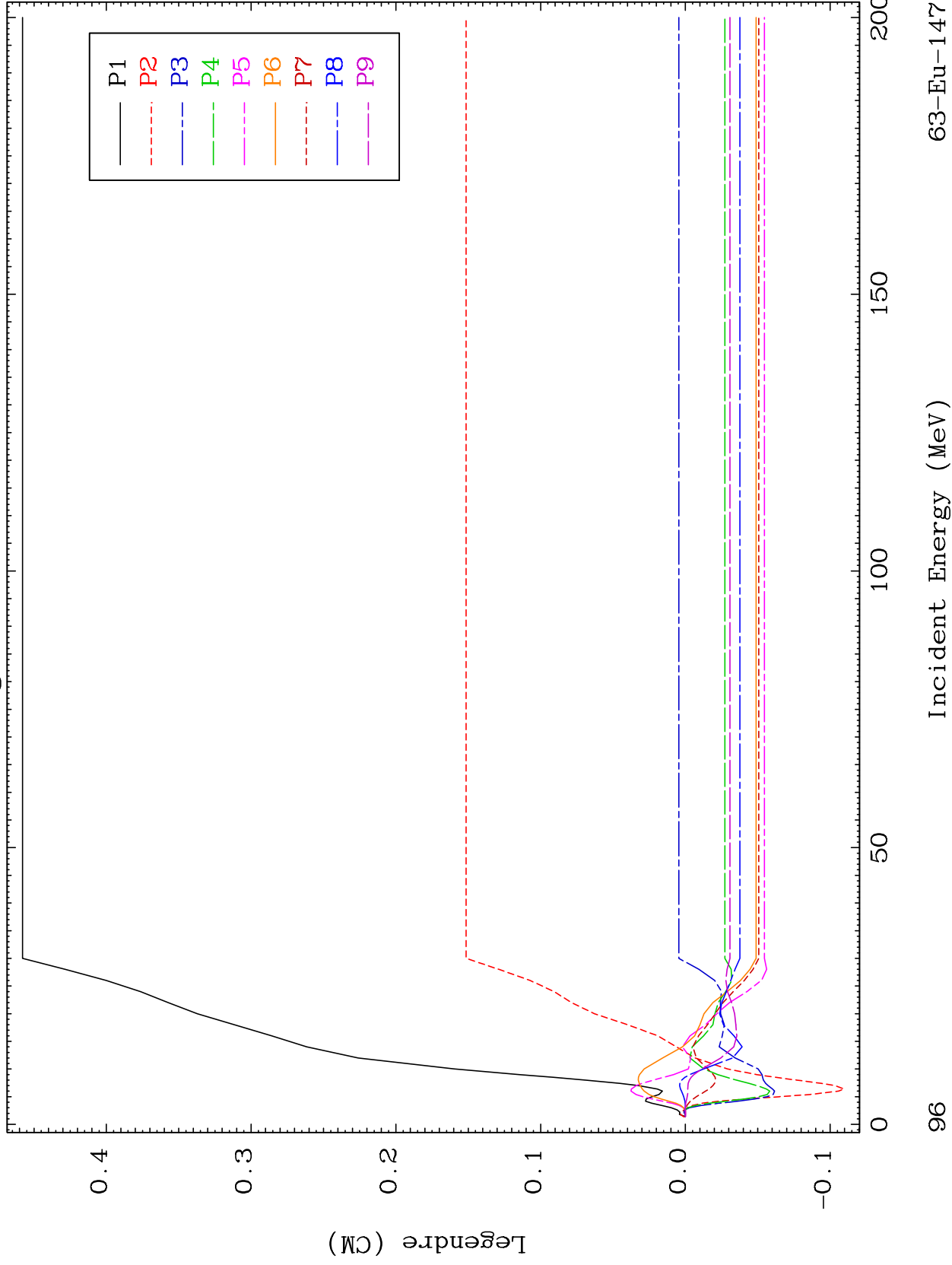
63-Eu-147

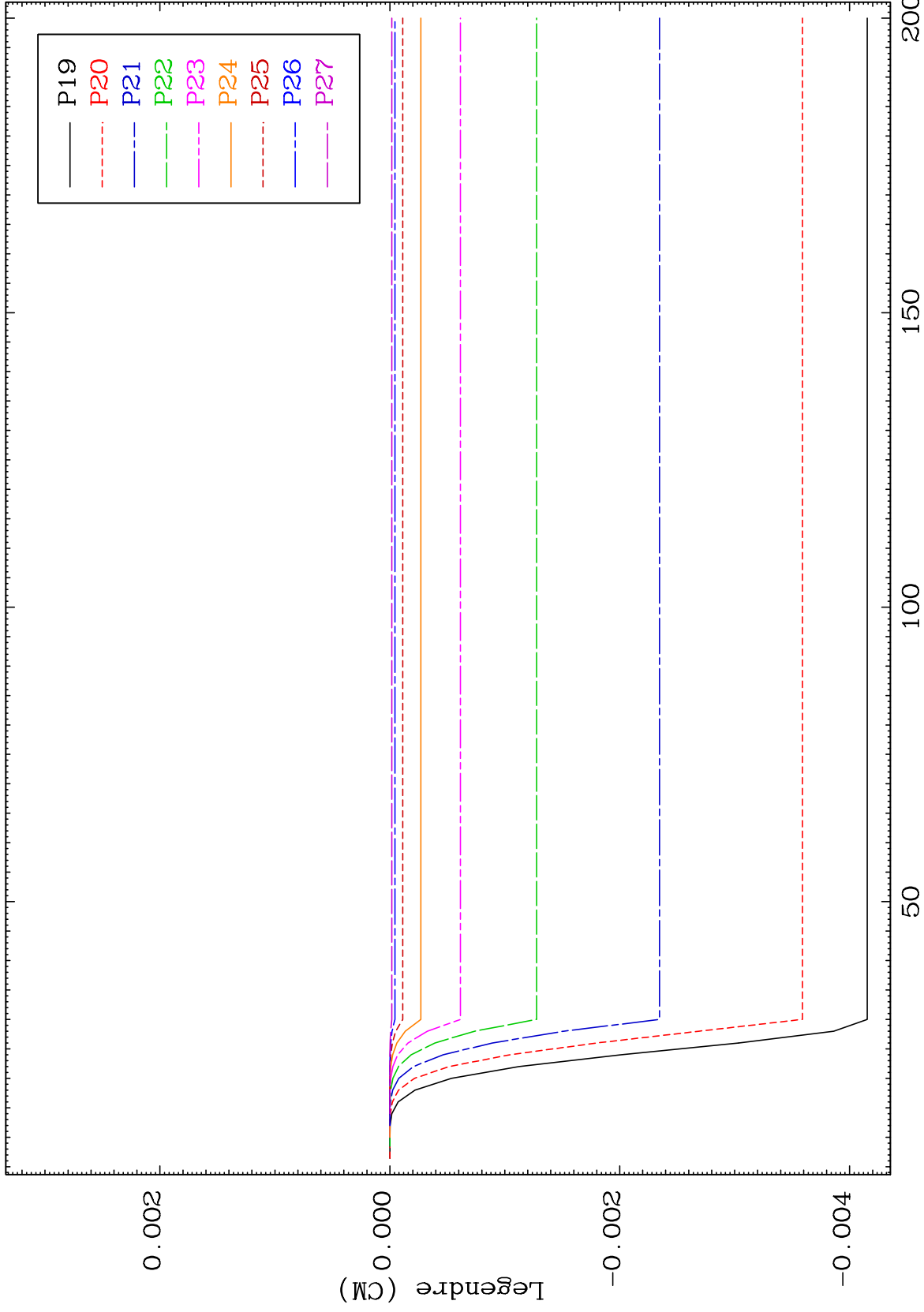


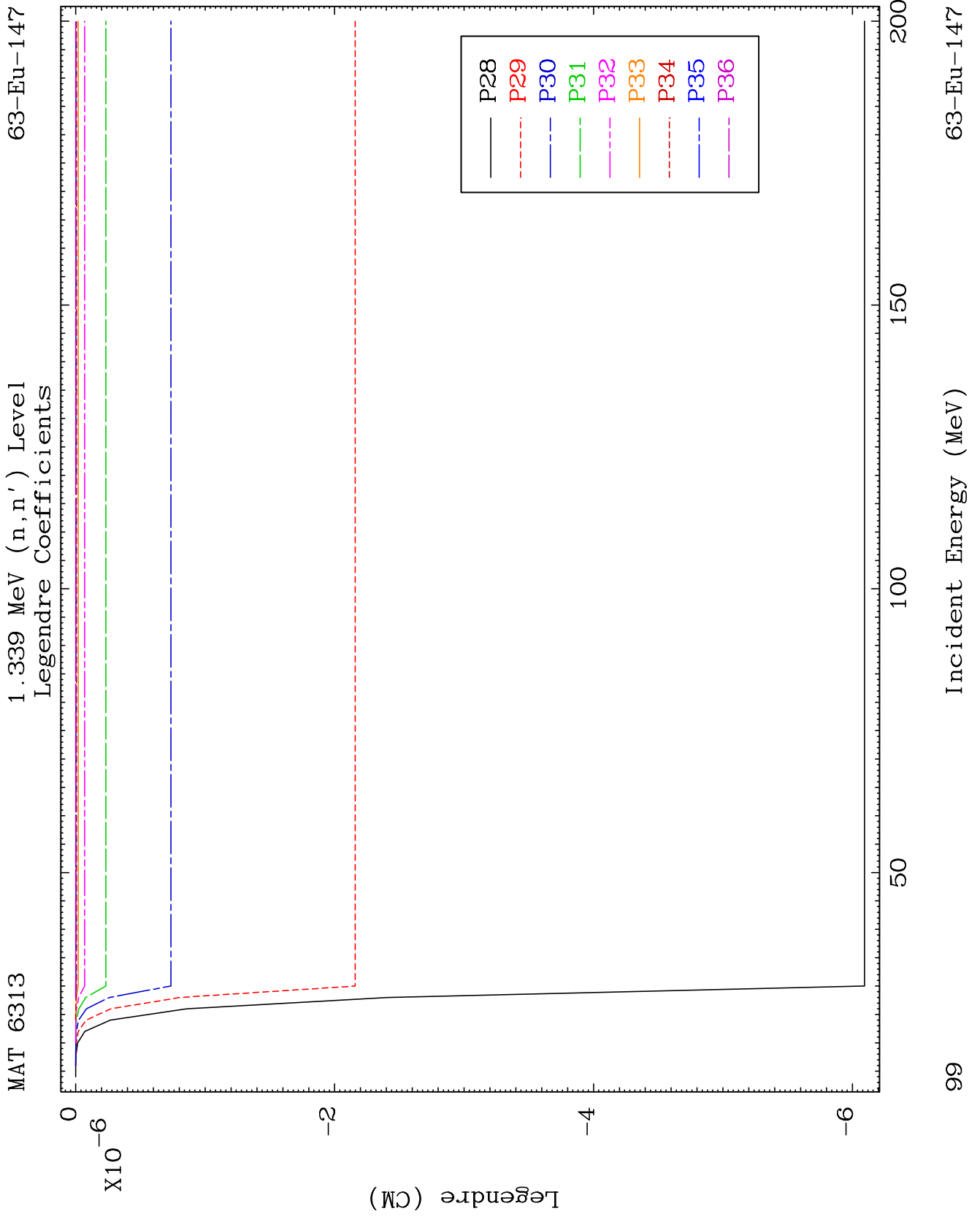
MAT 6313

1.339 MeV (n,n') Level
Legendre Coefficients

63-Eu-147



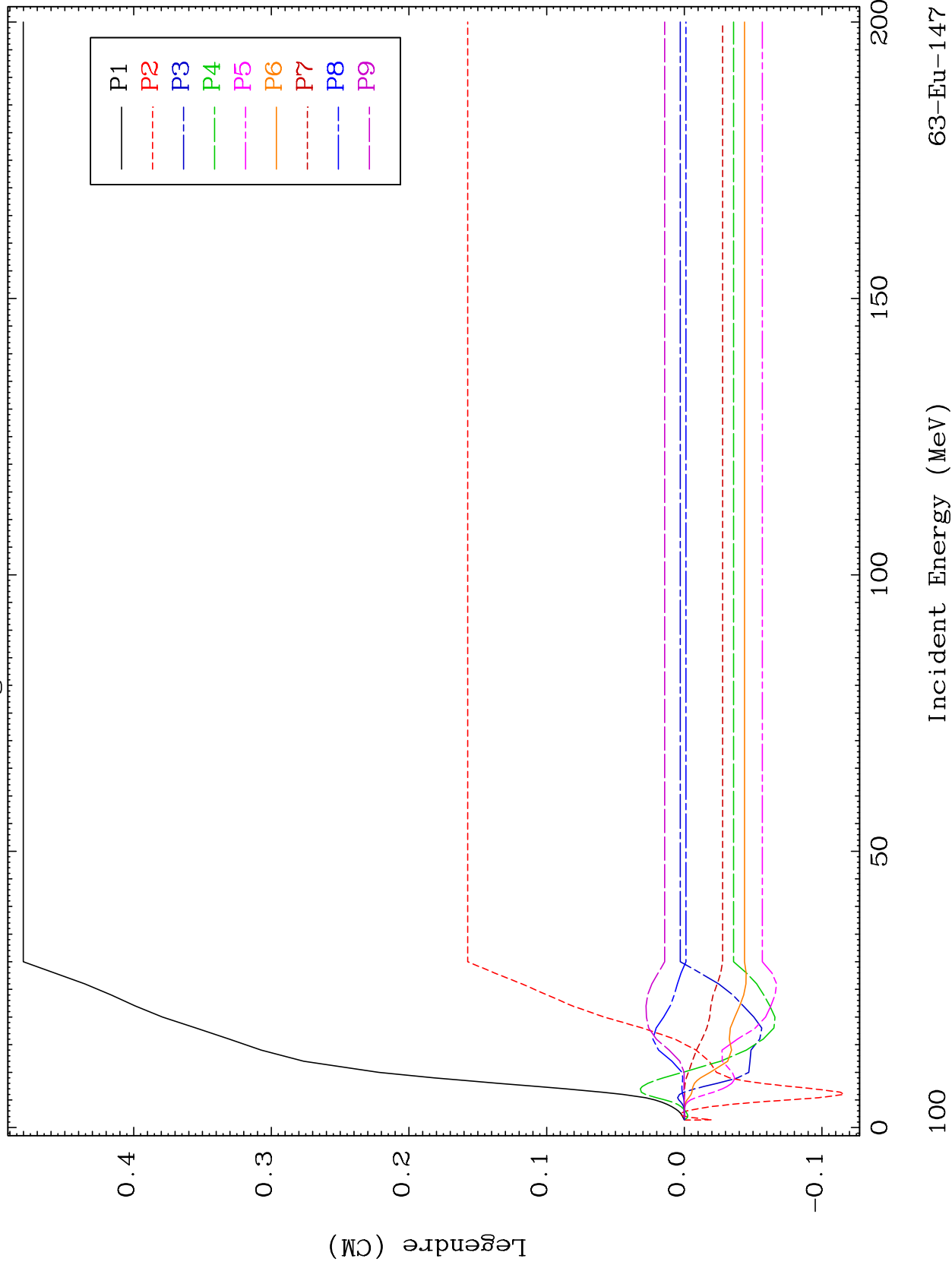




MAT 6313

1.346 MeV (n,n') Level
Legendre Coefficients

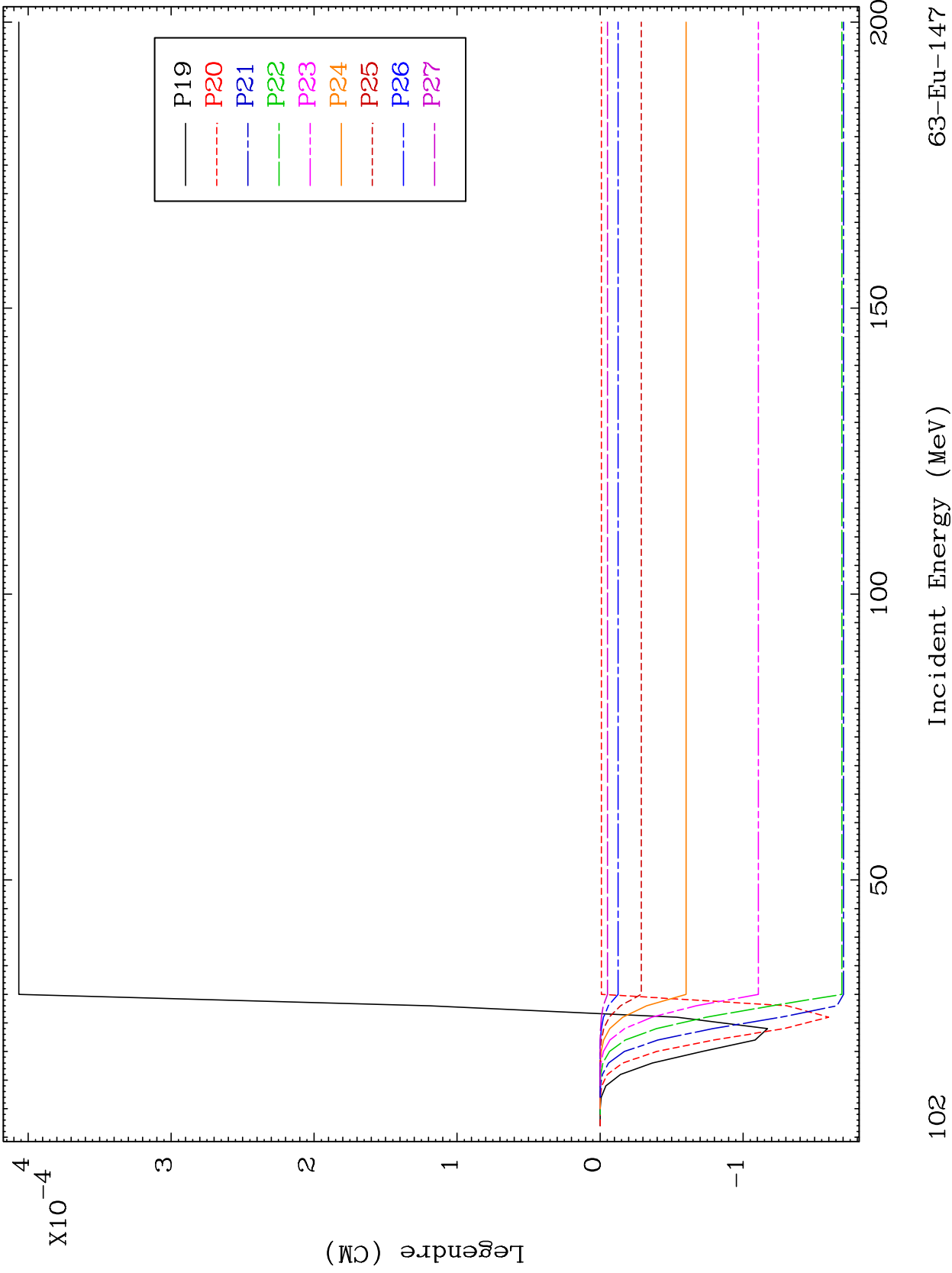
63-Eu-147

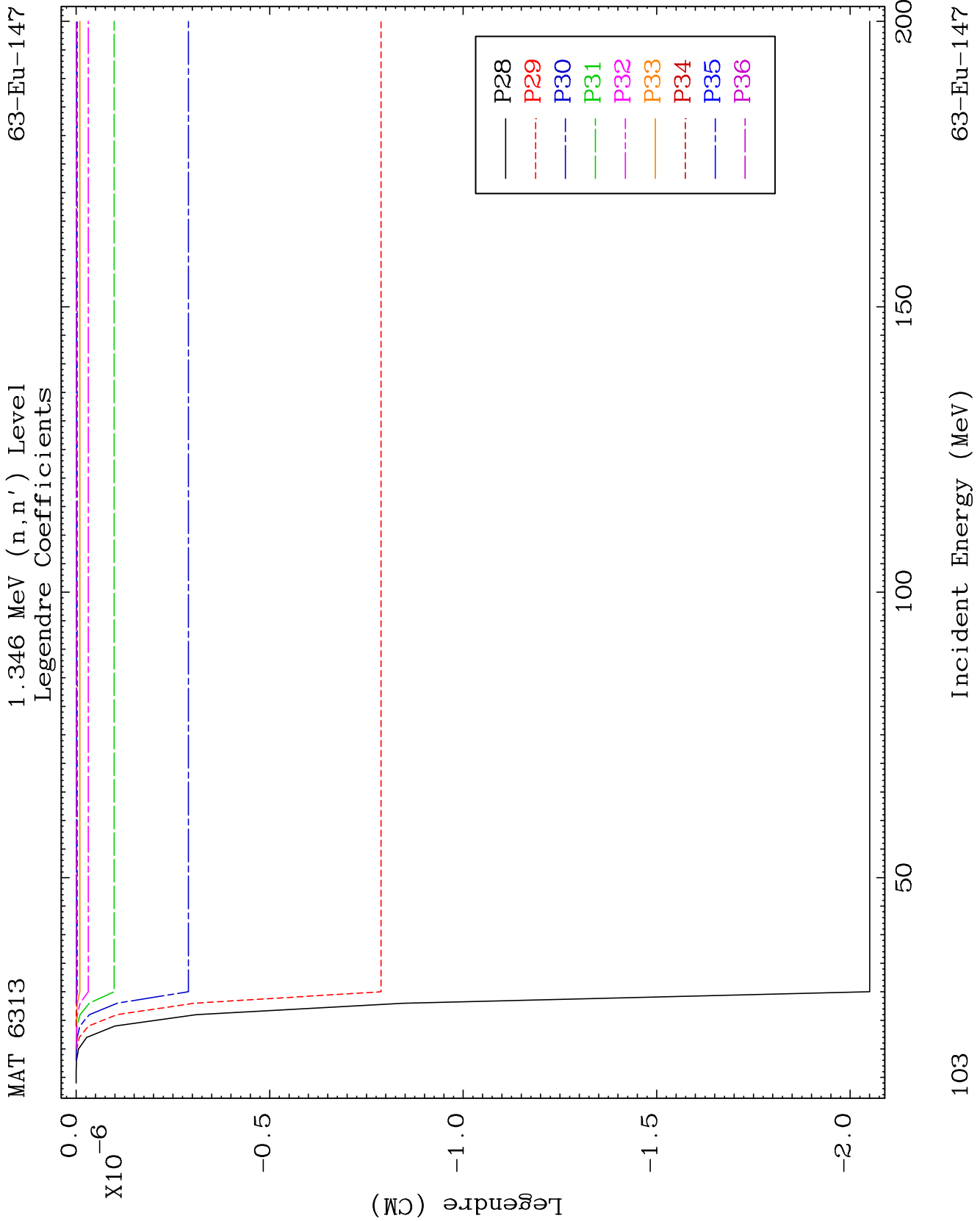


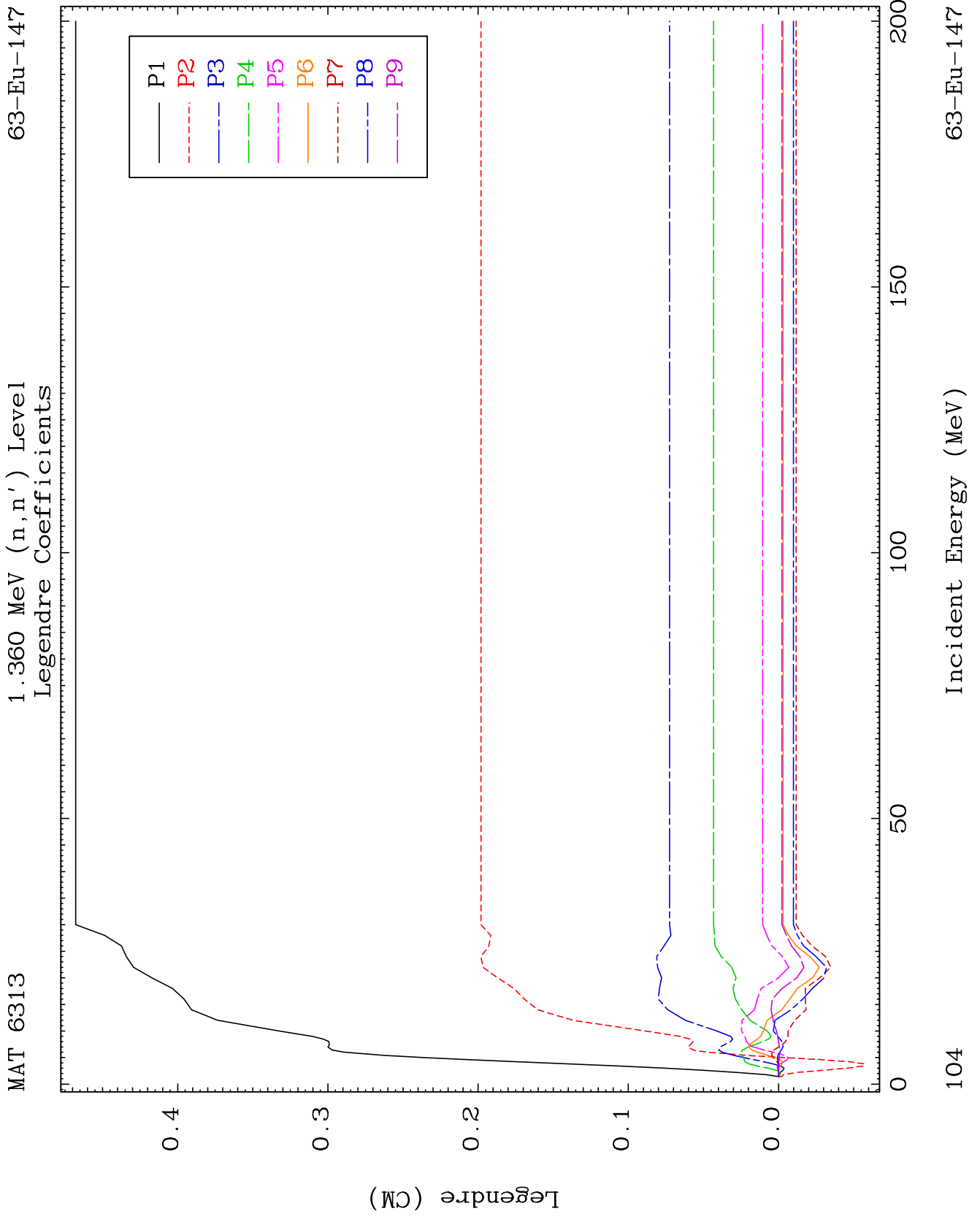
MAT 6313

1.346 MeV (n, n') Level
Legendre Coefficients

63-Eu-147



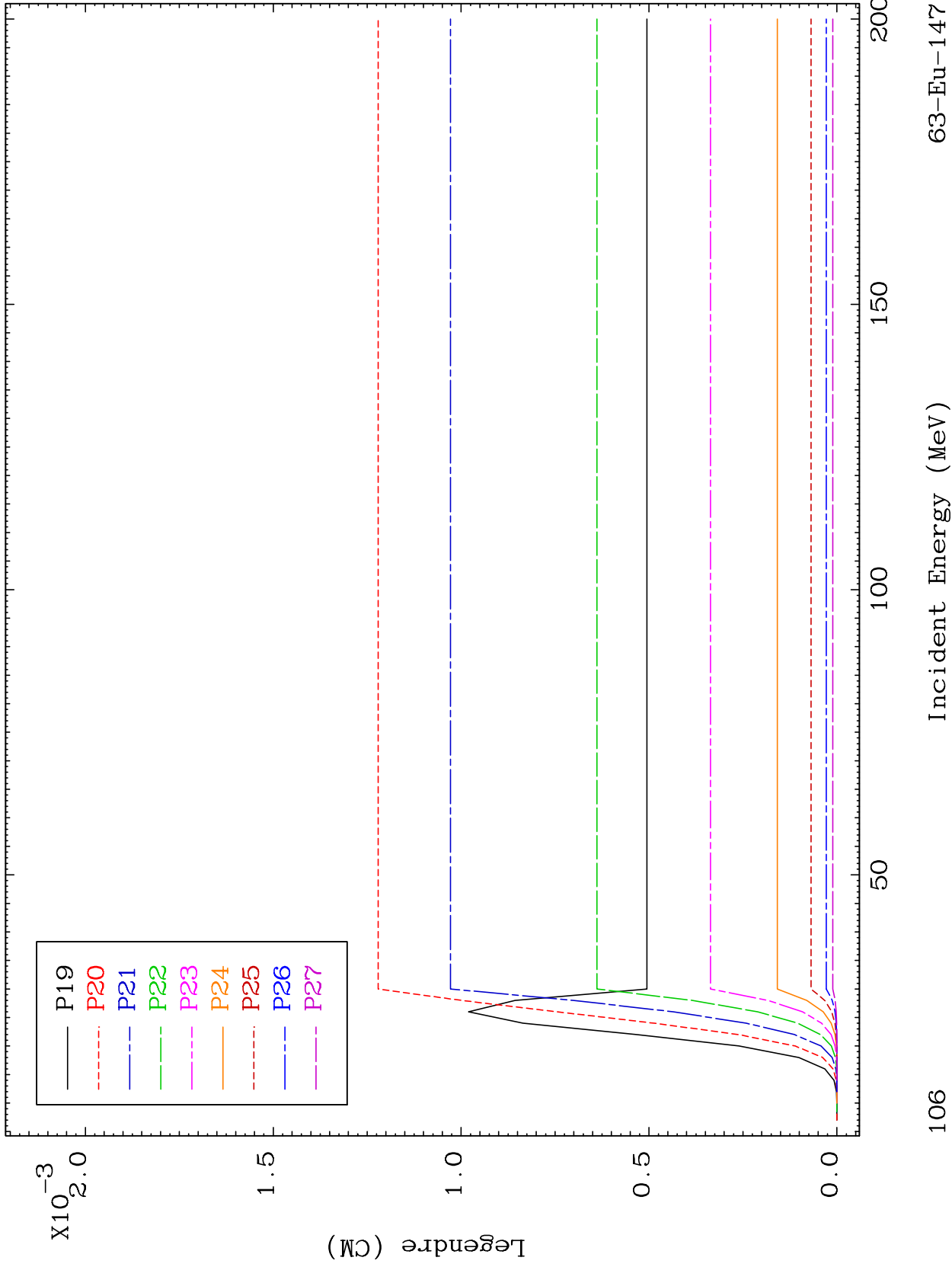




MAT 6313

1.360 MeV (n,n') Level
Legendre Coefficients

63-Eu-147



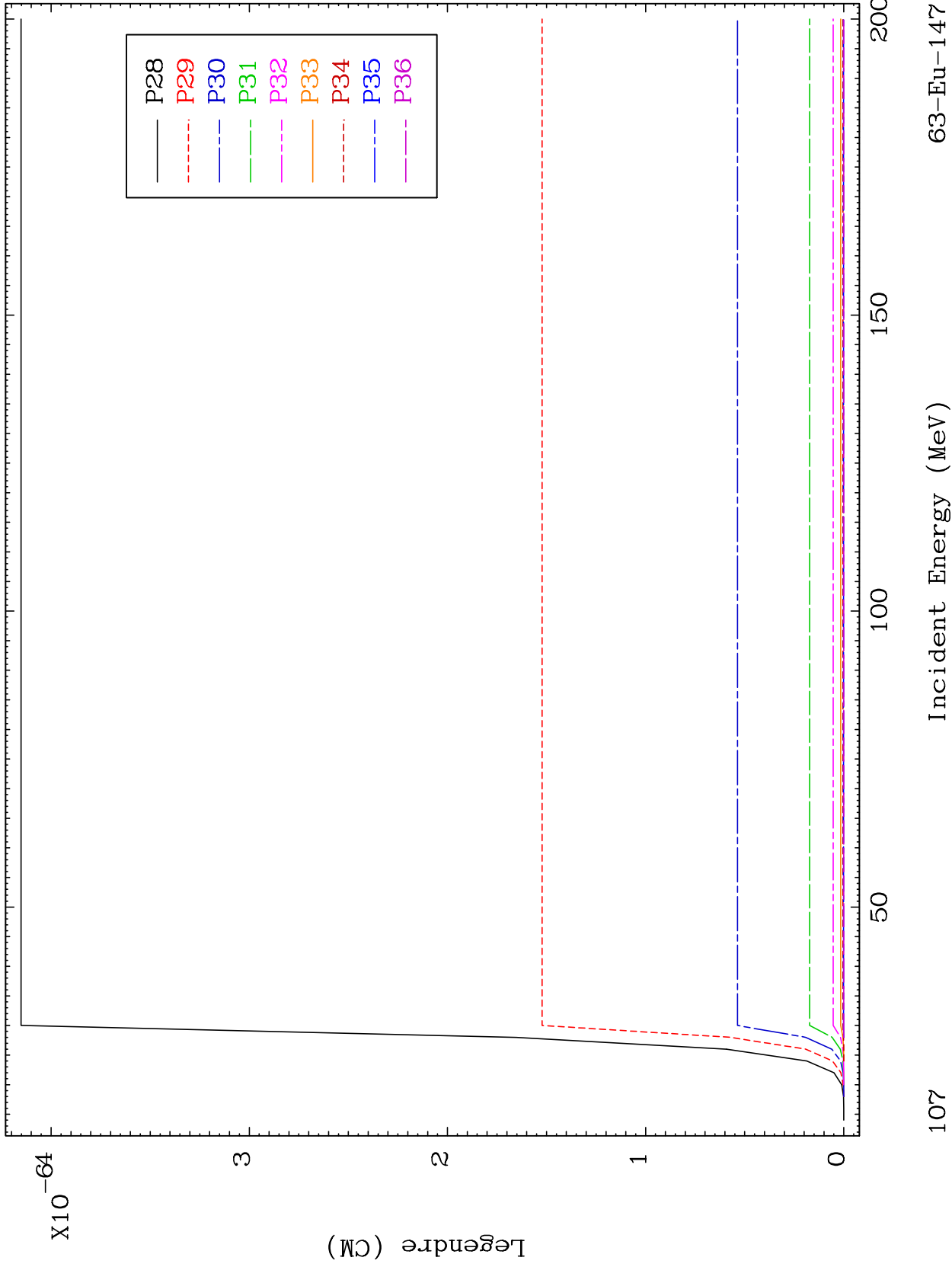
106

63-Eu-147

MAT 6313

1.360 MeV (n,n') Level
Legendre Coefficients

63-Eu-147



107

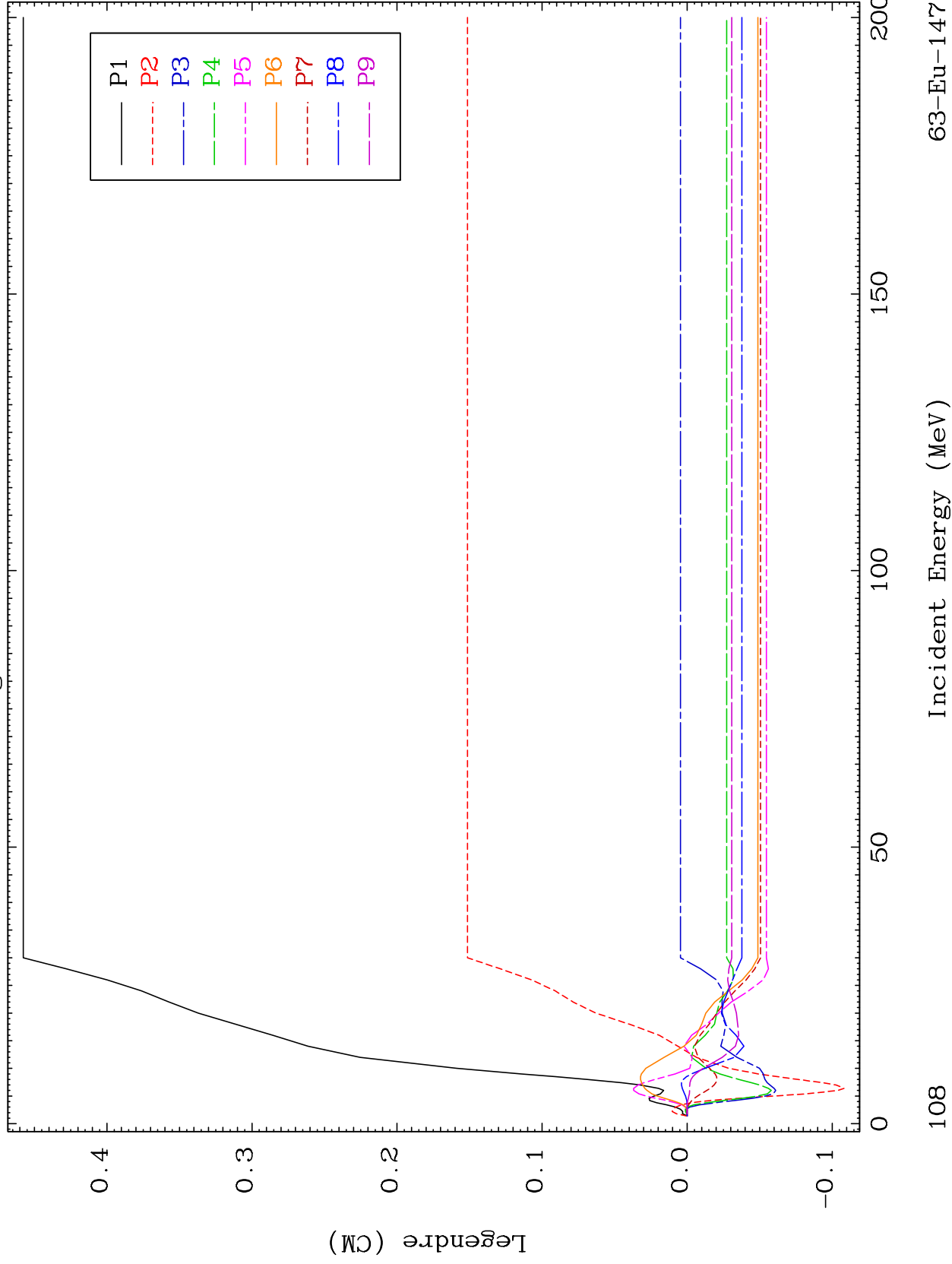
Incident Energy (MeV)

63-Eu-147

MAT 6313

1.378 MeV (n,n') Level
Legendre Coefficients

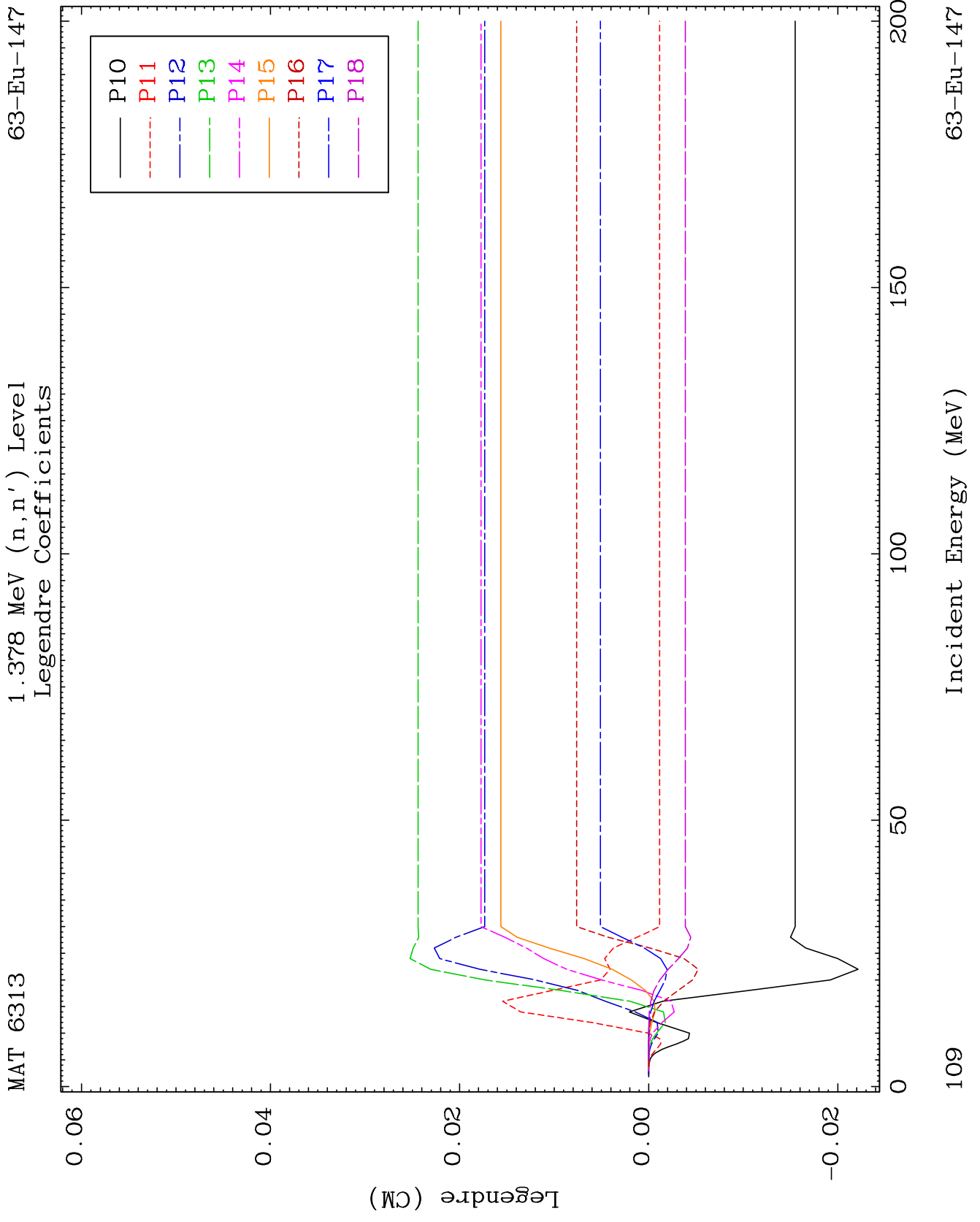
63-Eu-147

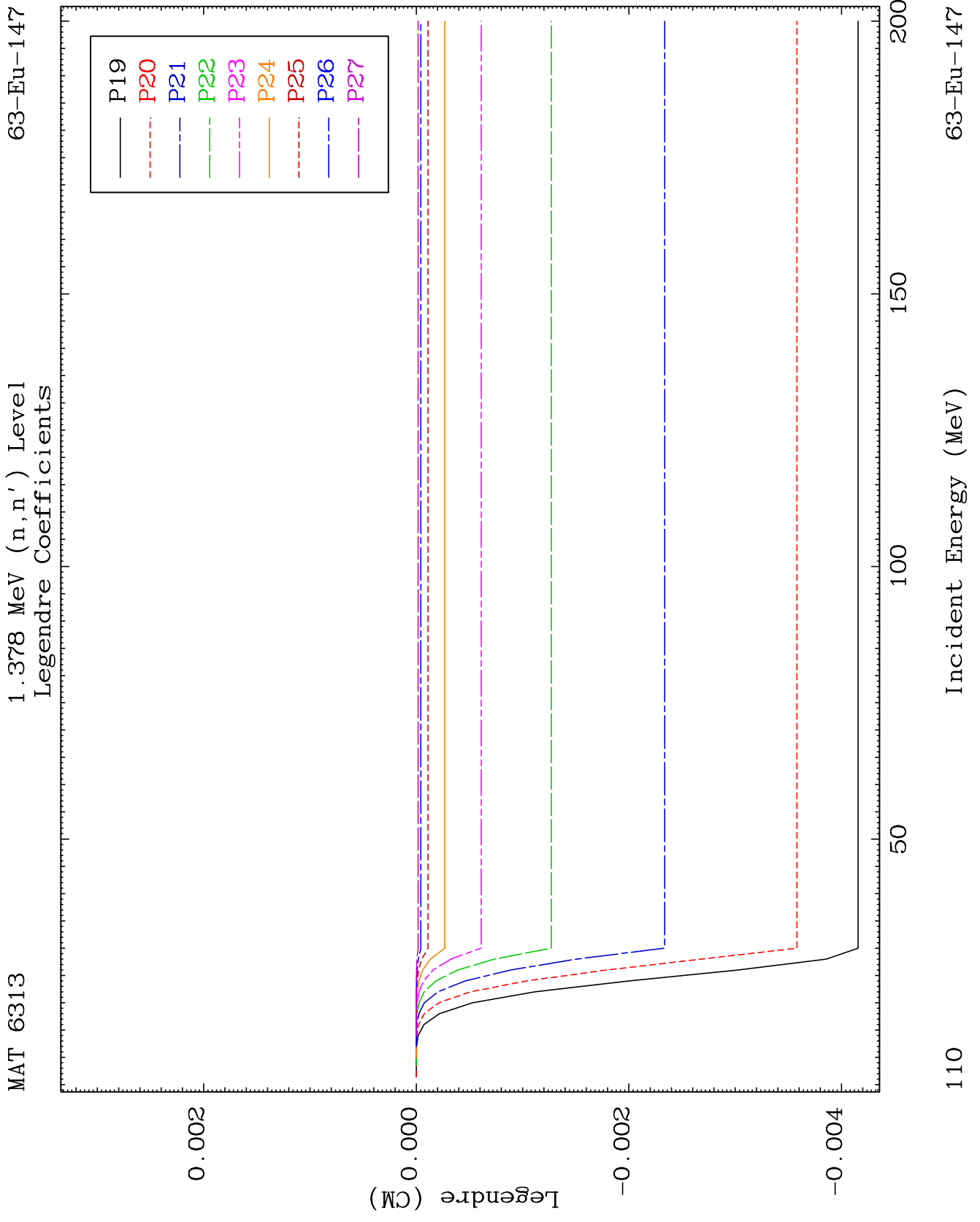


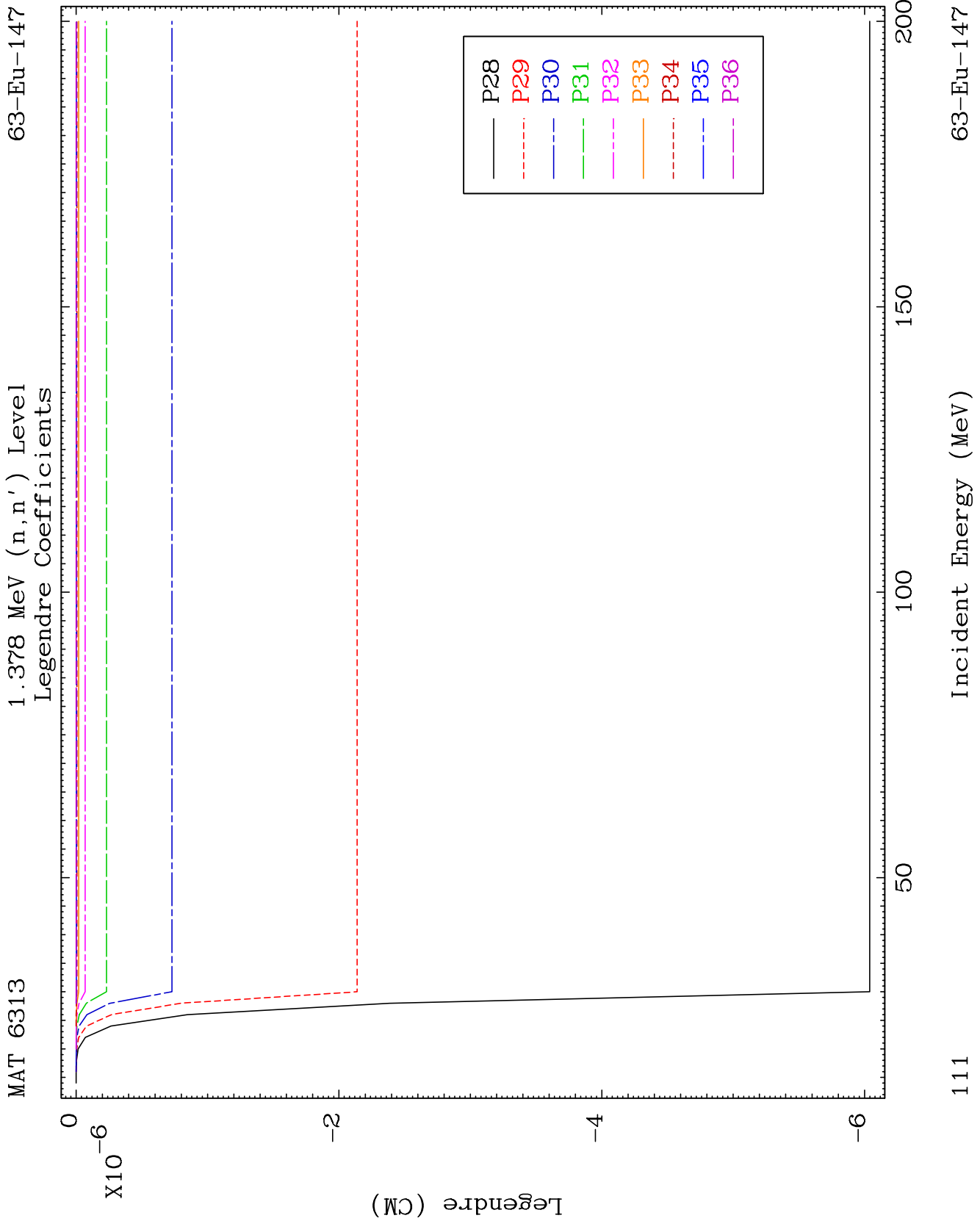
63-Eu-147

Incident Energy (MeV)

108



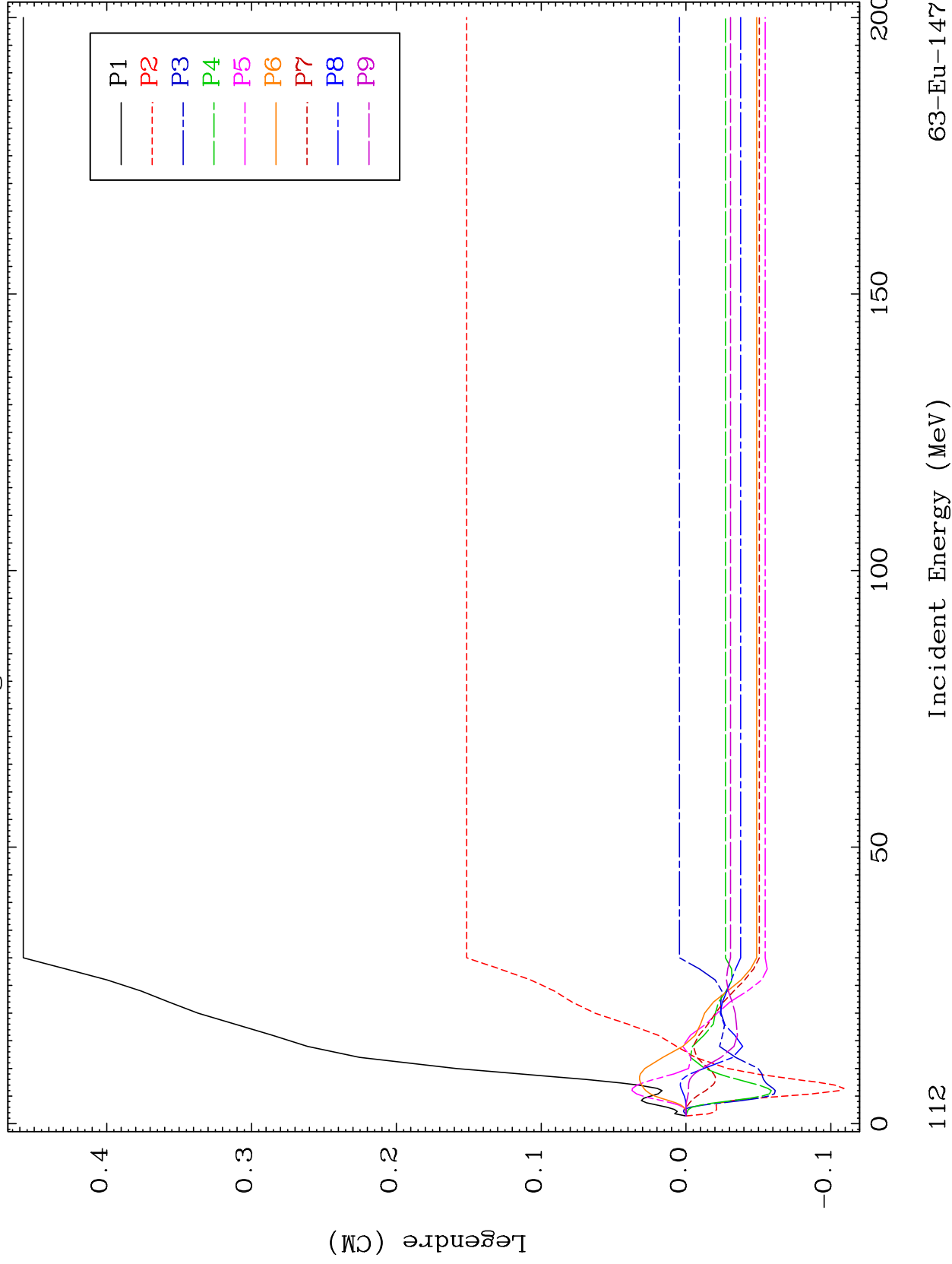




MAT 6313

1.390 MeV (n,n') Level
Legendre Coefficients

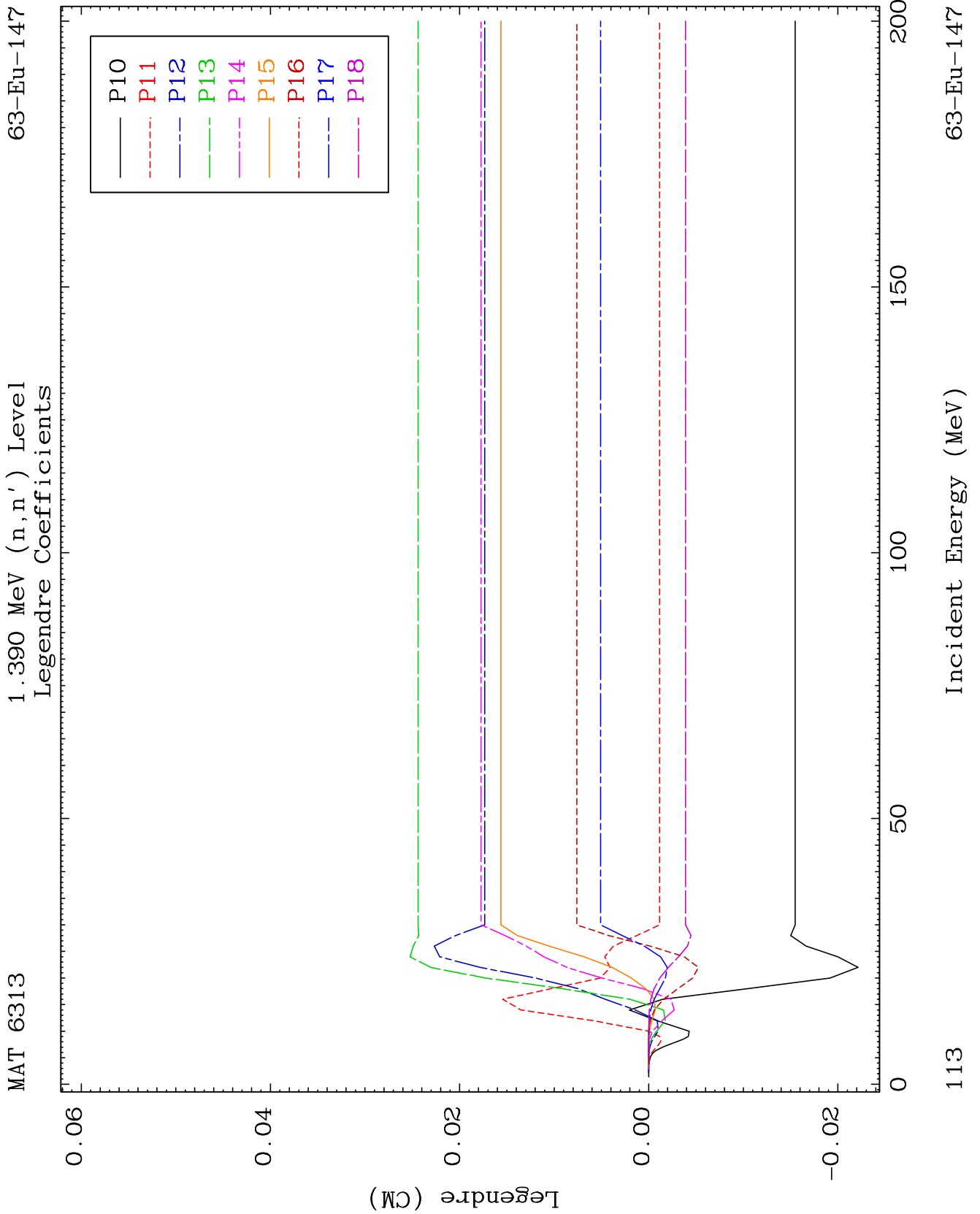
63-Eu-147



63-Eu-147

Incident Energy (MeV)

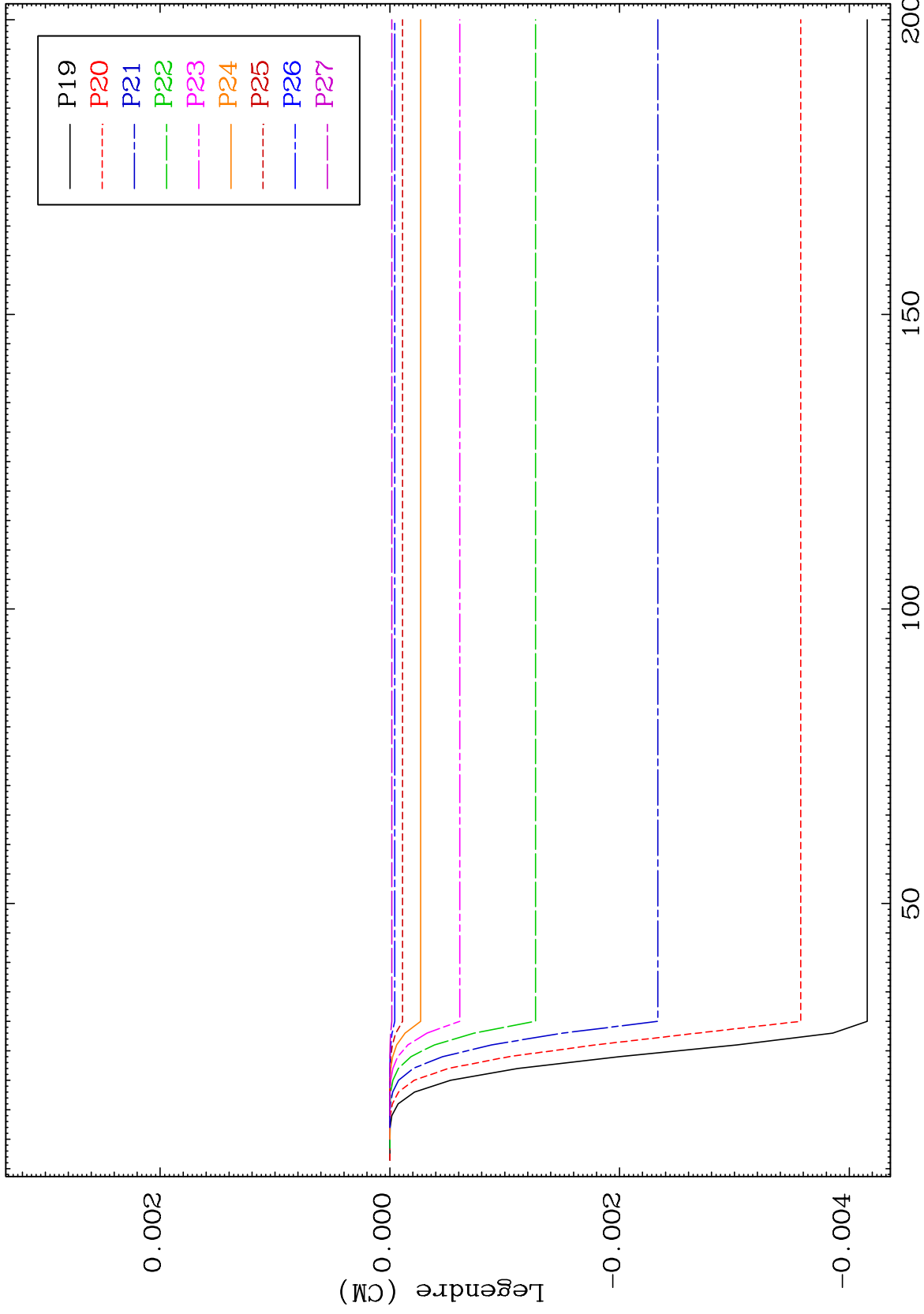
112



MAT 6313

1.390 MeV (n,n') Level
Legendre Coefficients

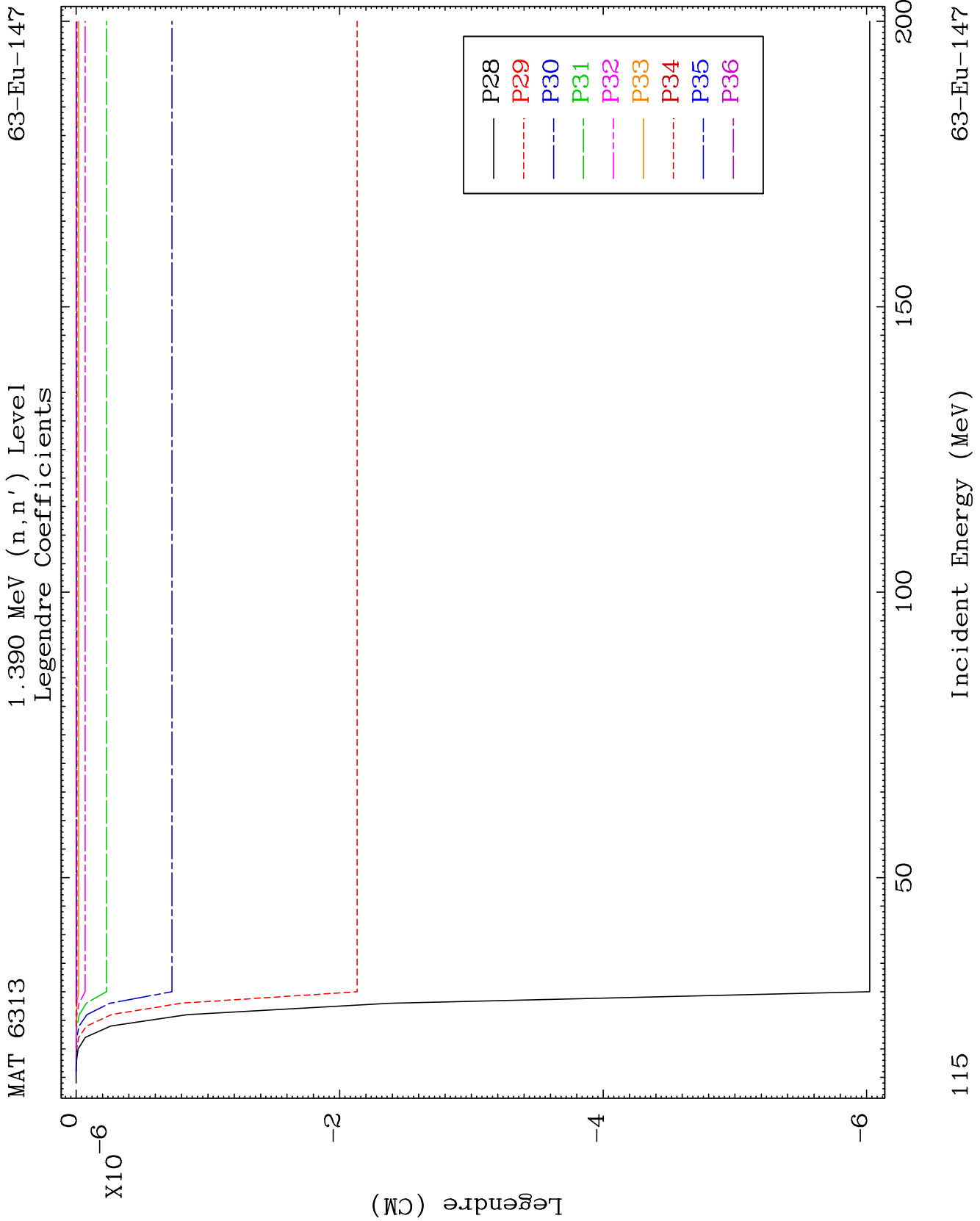
63-Eu-147

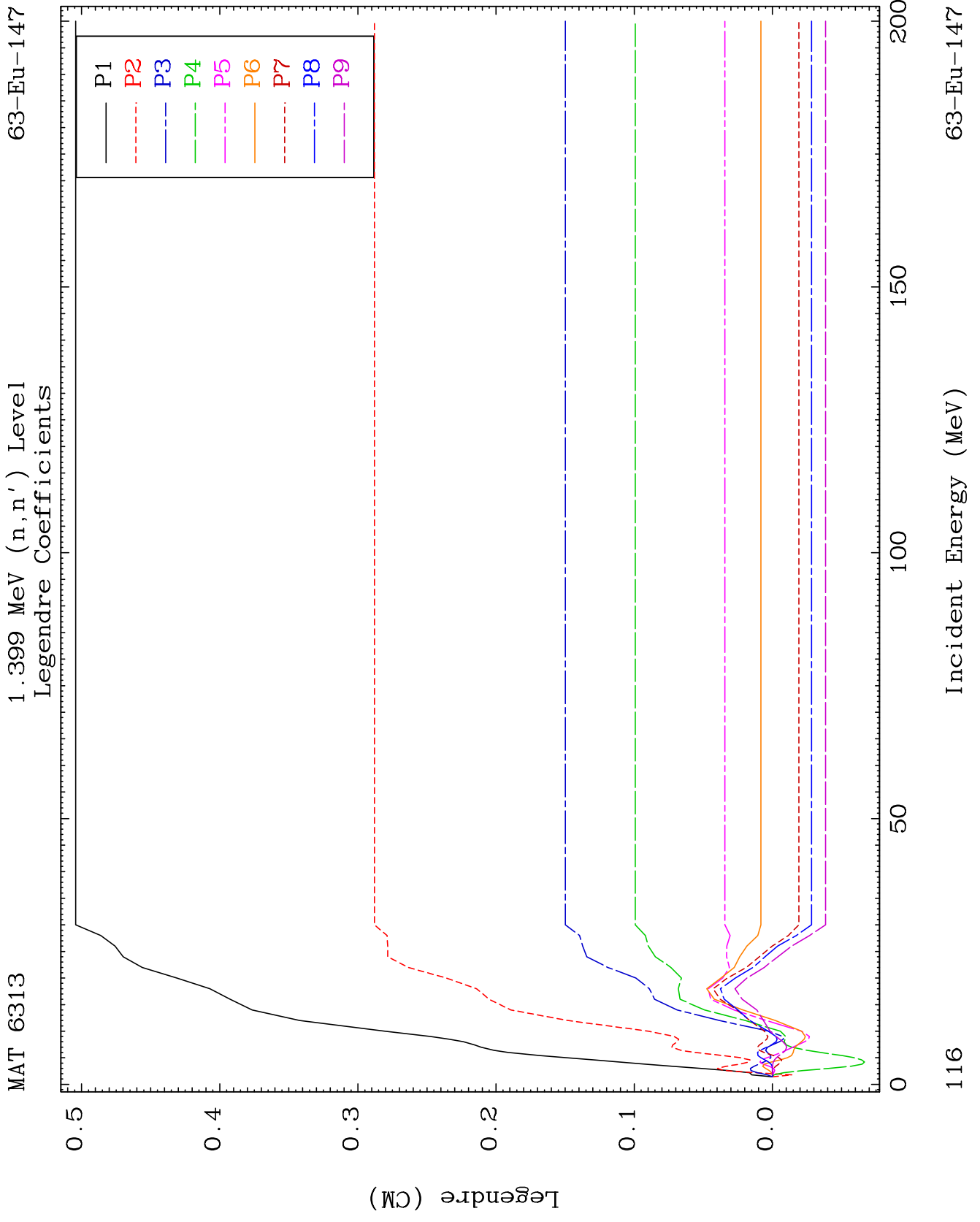


114

Incident Energy (MeV)

63-Eu-147

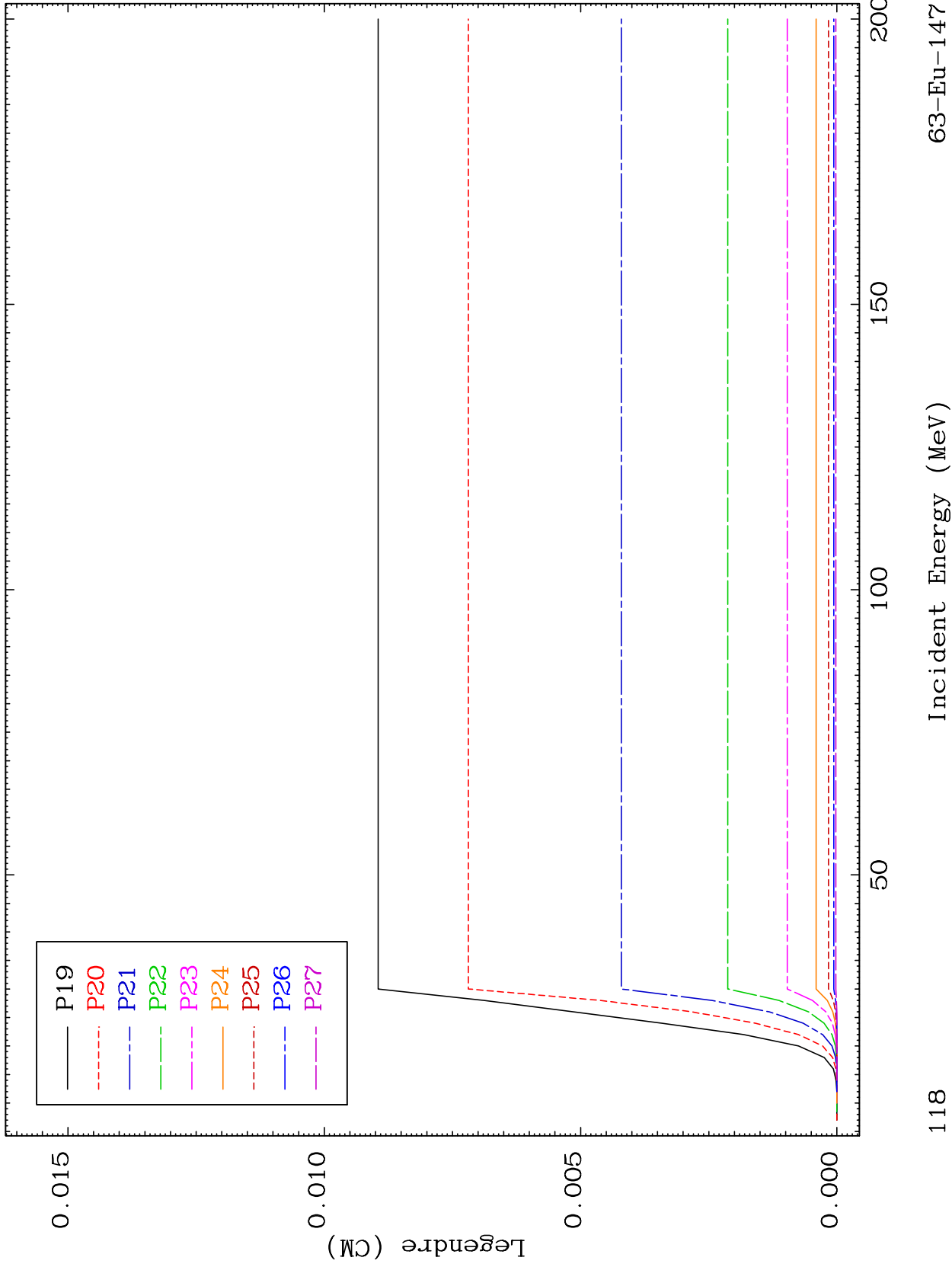




MAT 6313

1.399 MeV (n,n') Level
Legendre Coefficients

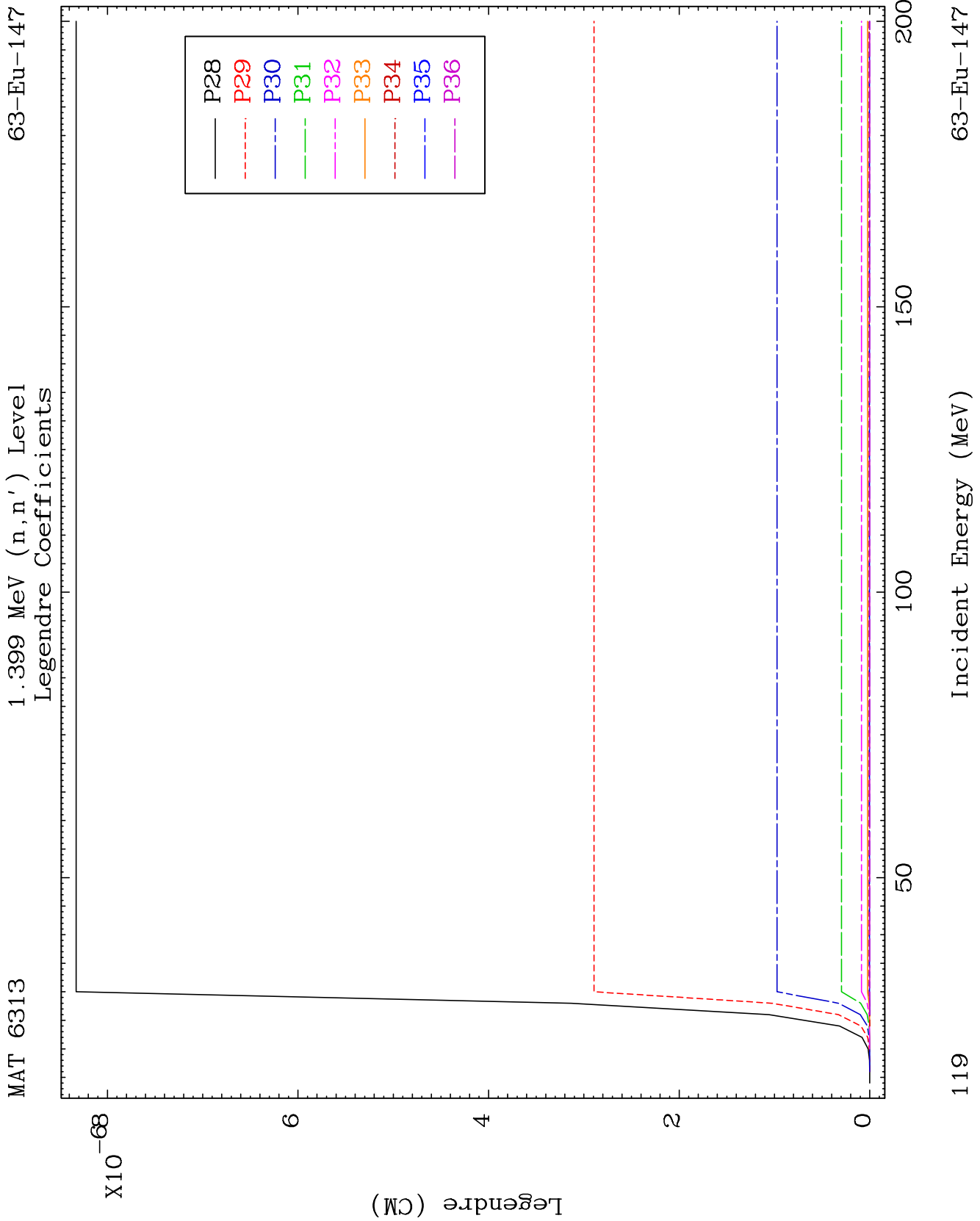
63-Eu-147

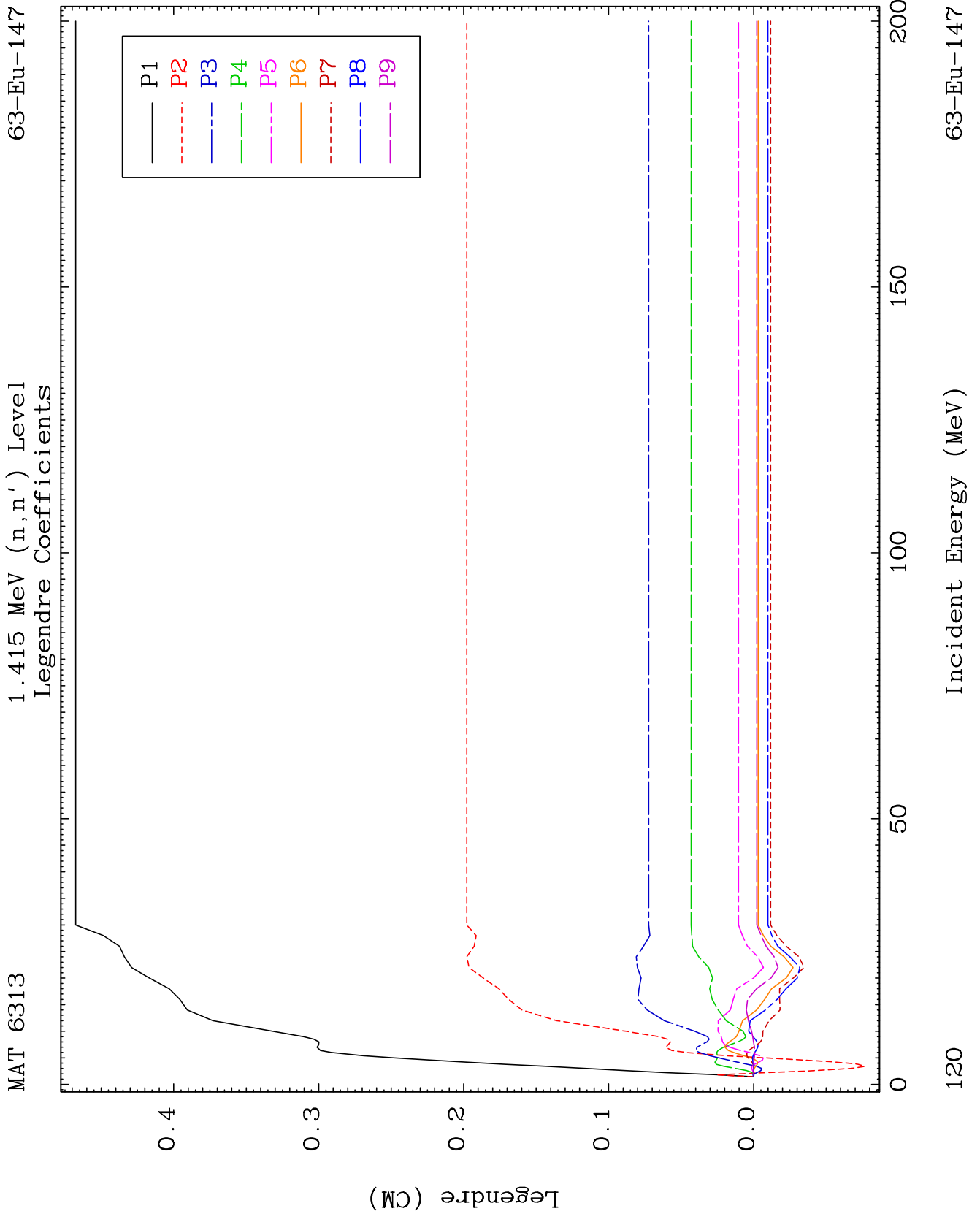


118

Incident Energy (MeV)

63-Eu-147

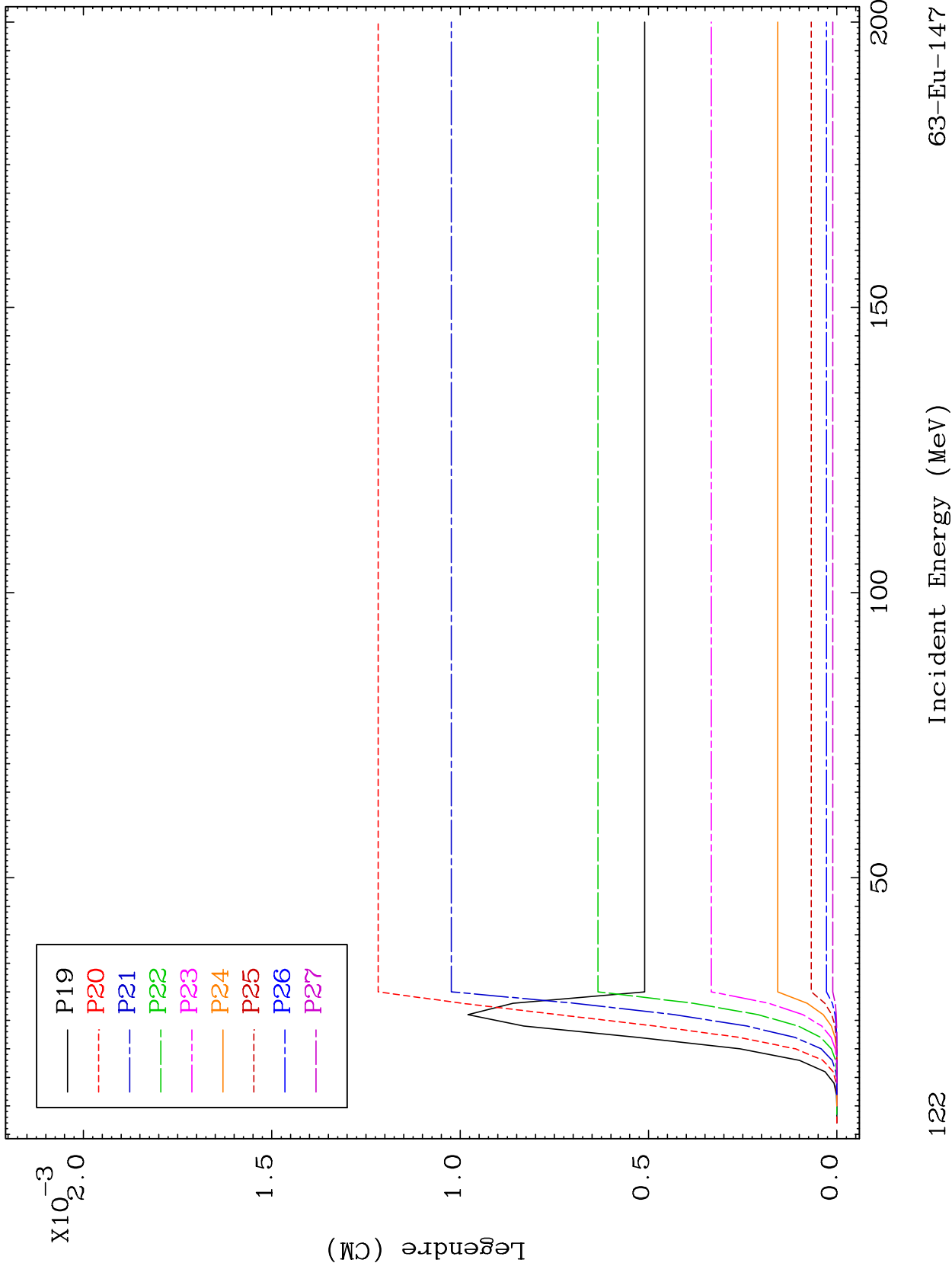




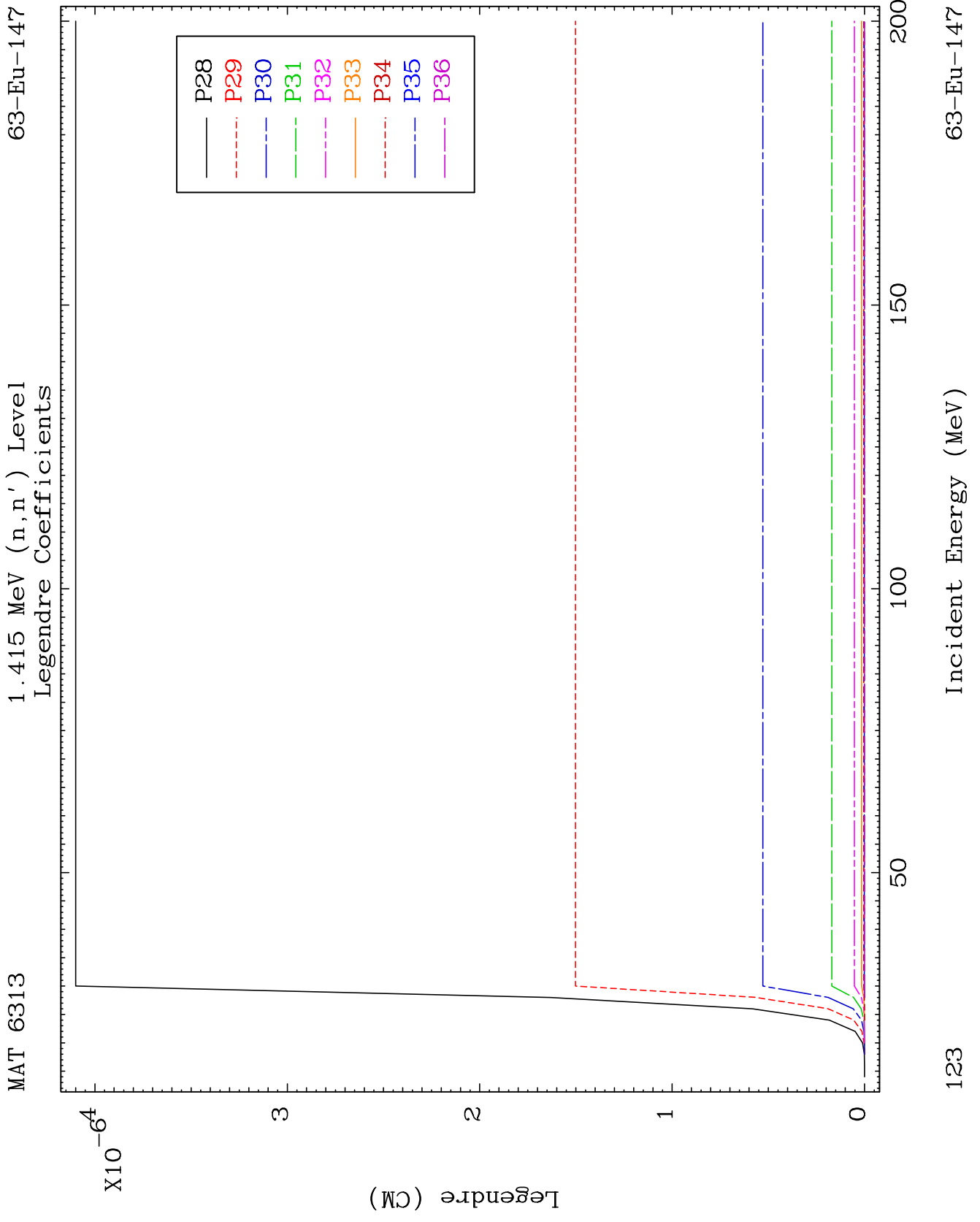
MAT 6313

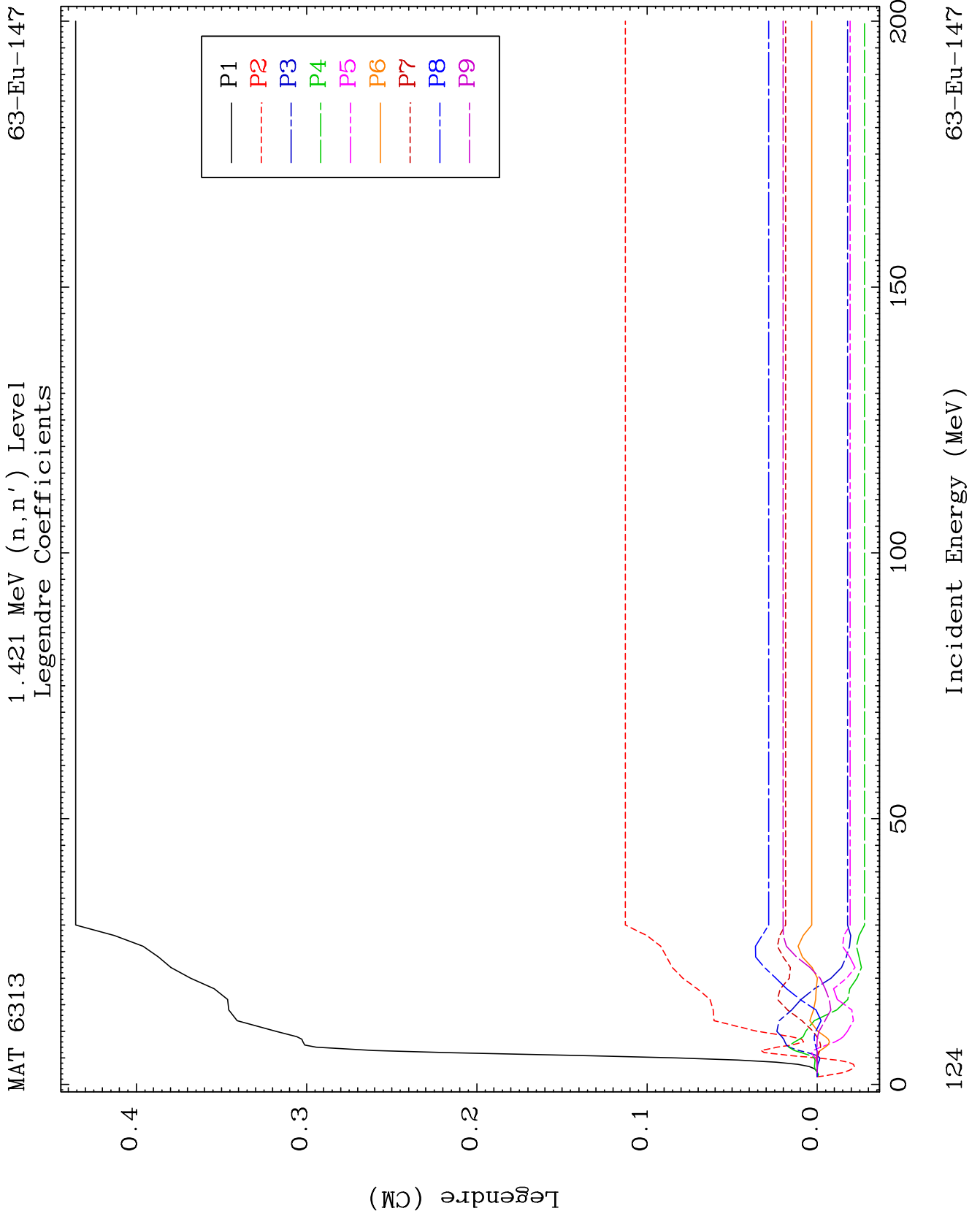
1.415 MeV (n, n') Level
Legendre Coefficients

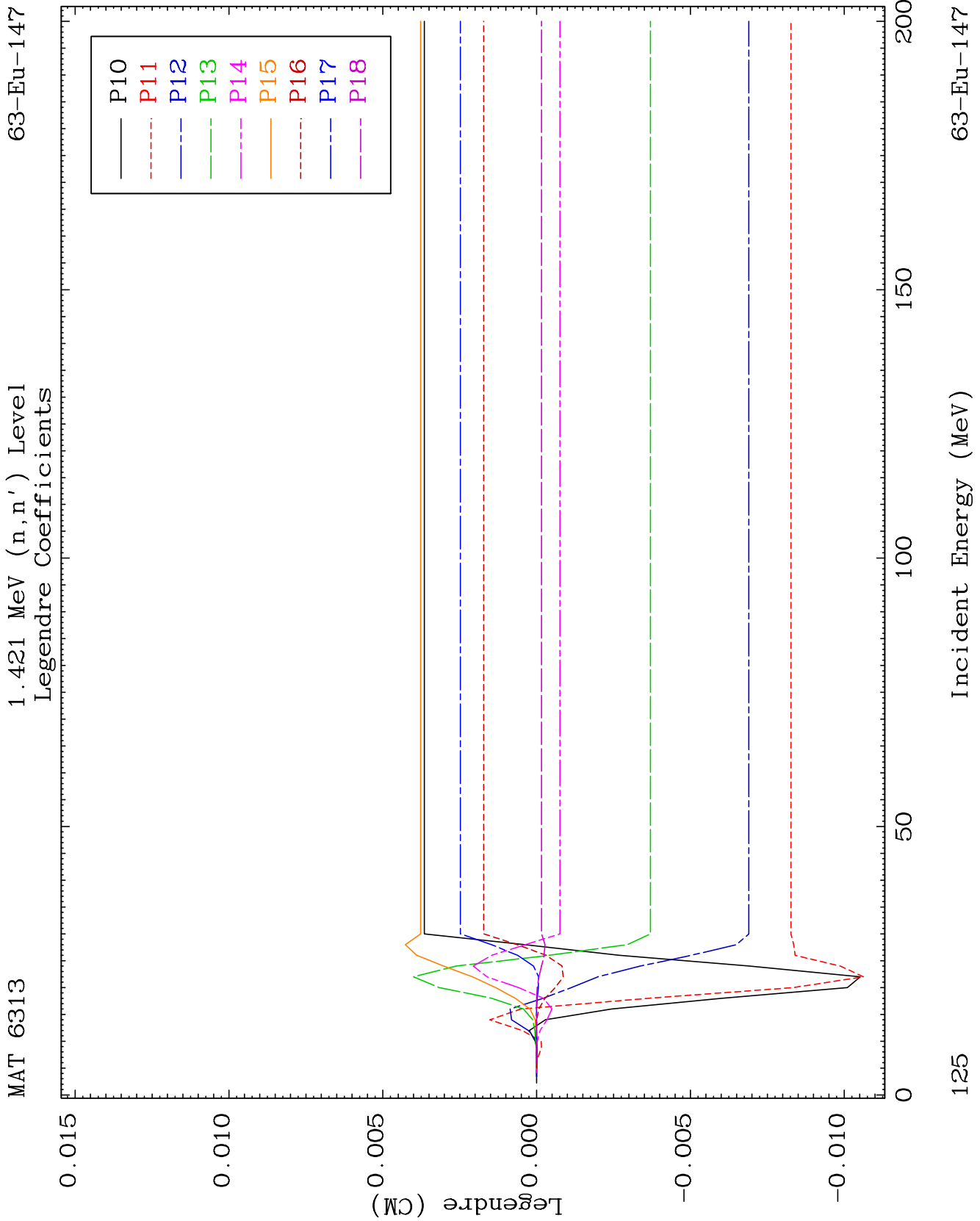
63-Eu-147

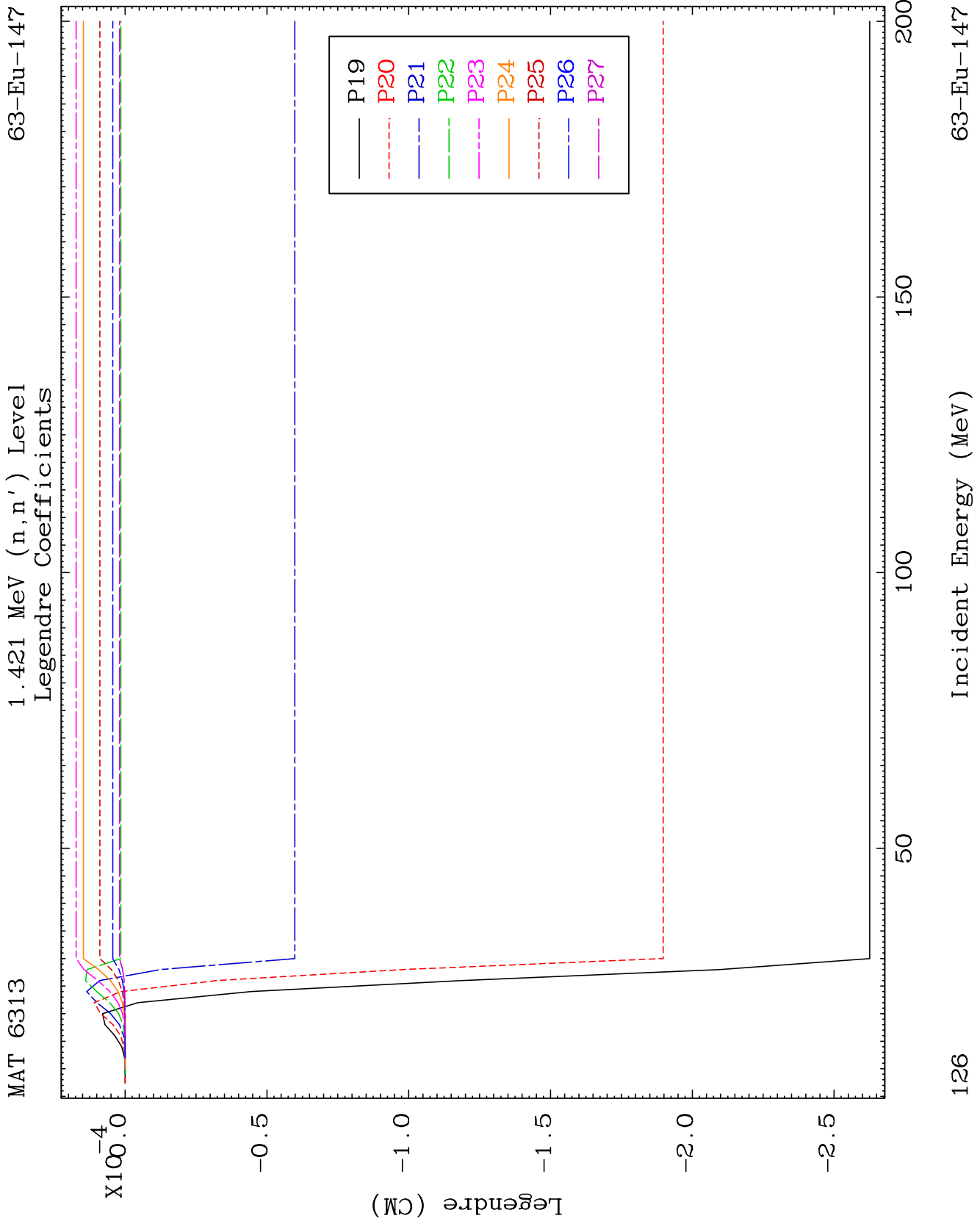


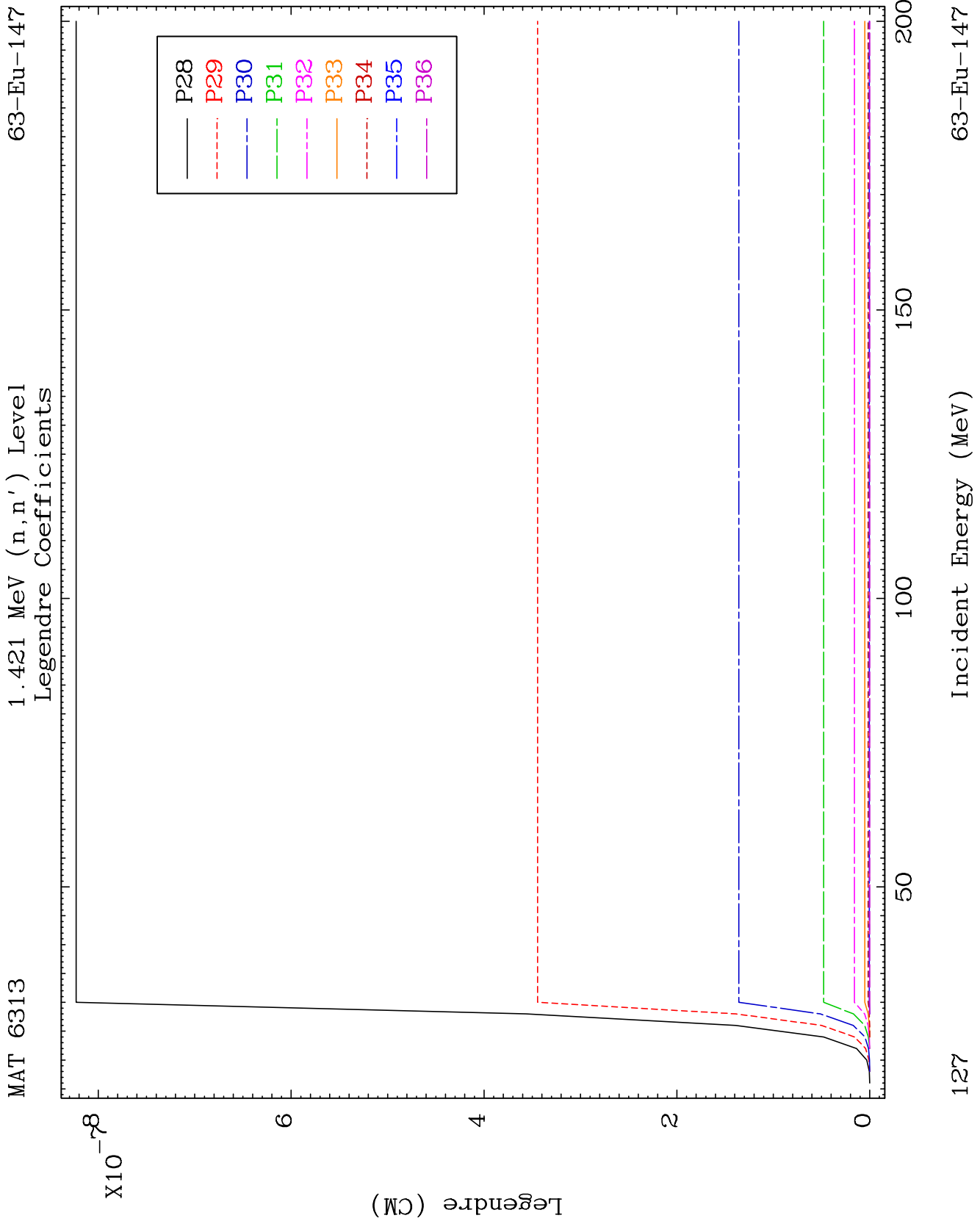
122







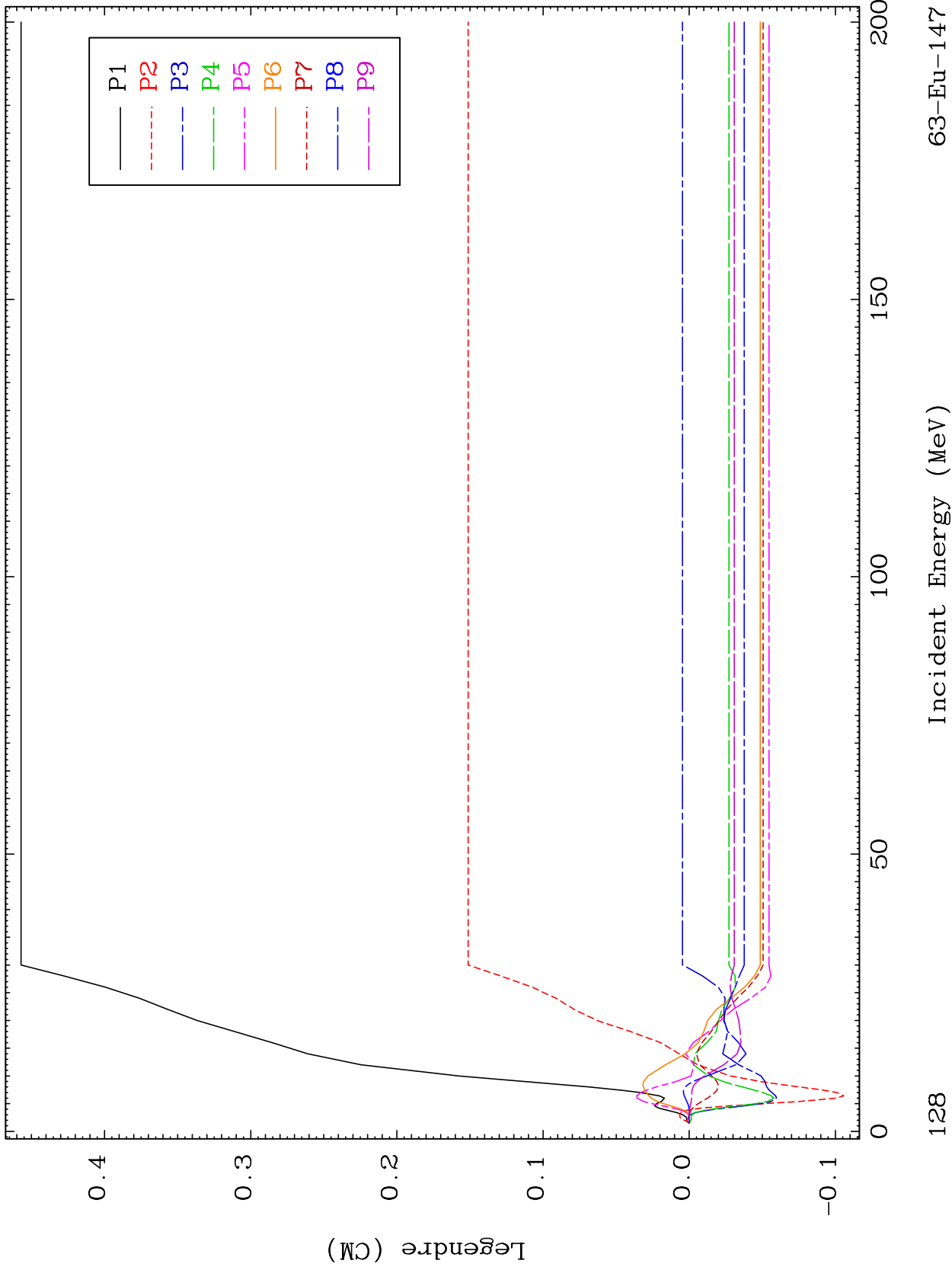




MAT 6313

1.465 MeV (n,n') Level
Legendre Coefficients

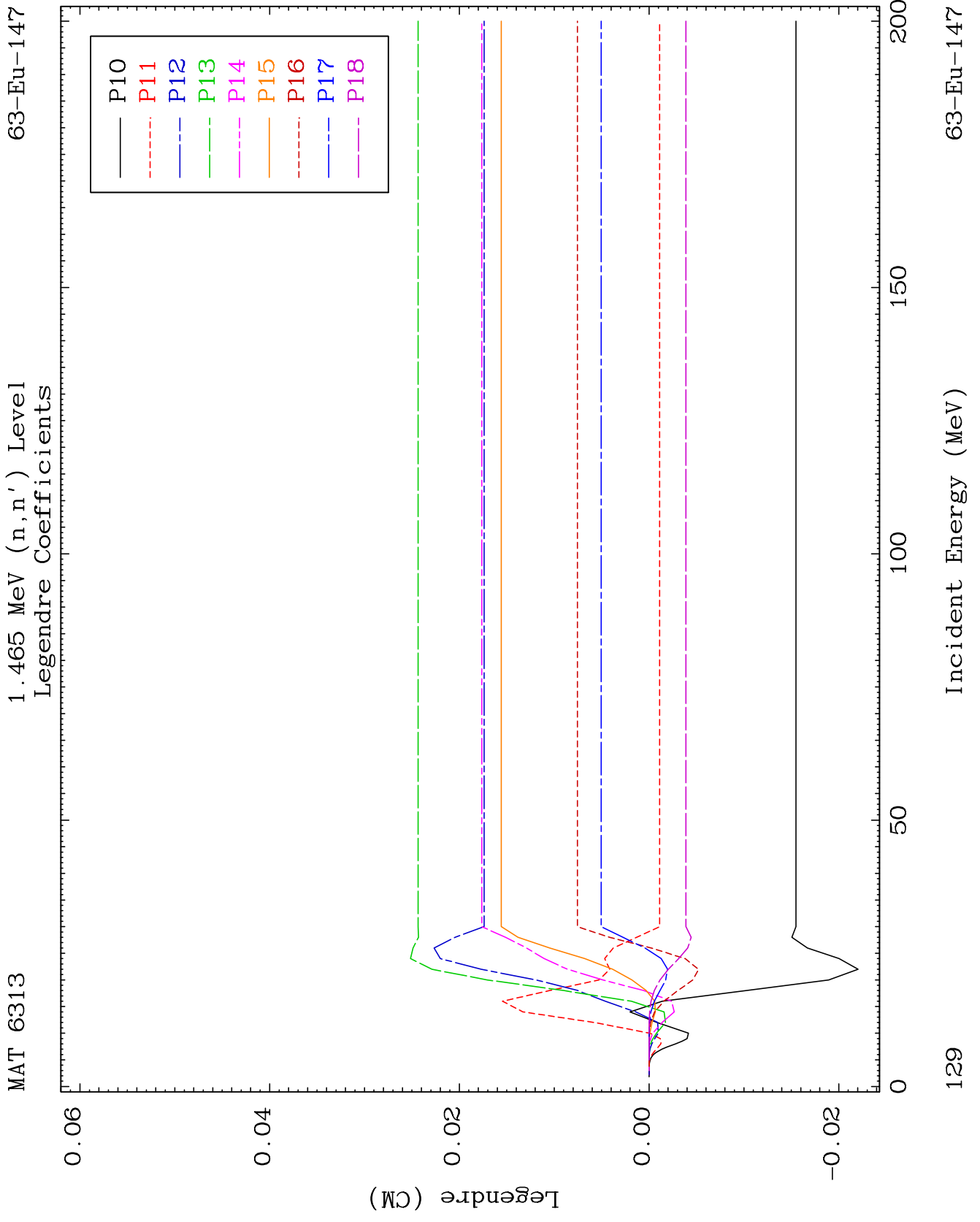
63-Eu-147



128

Incident Energy (MeV)

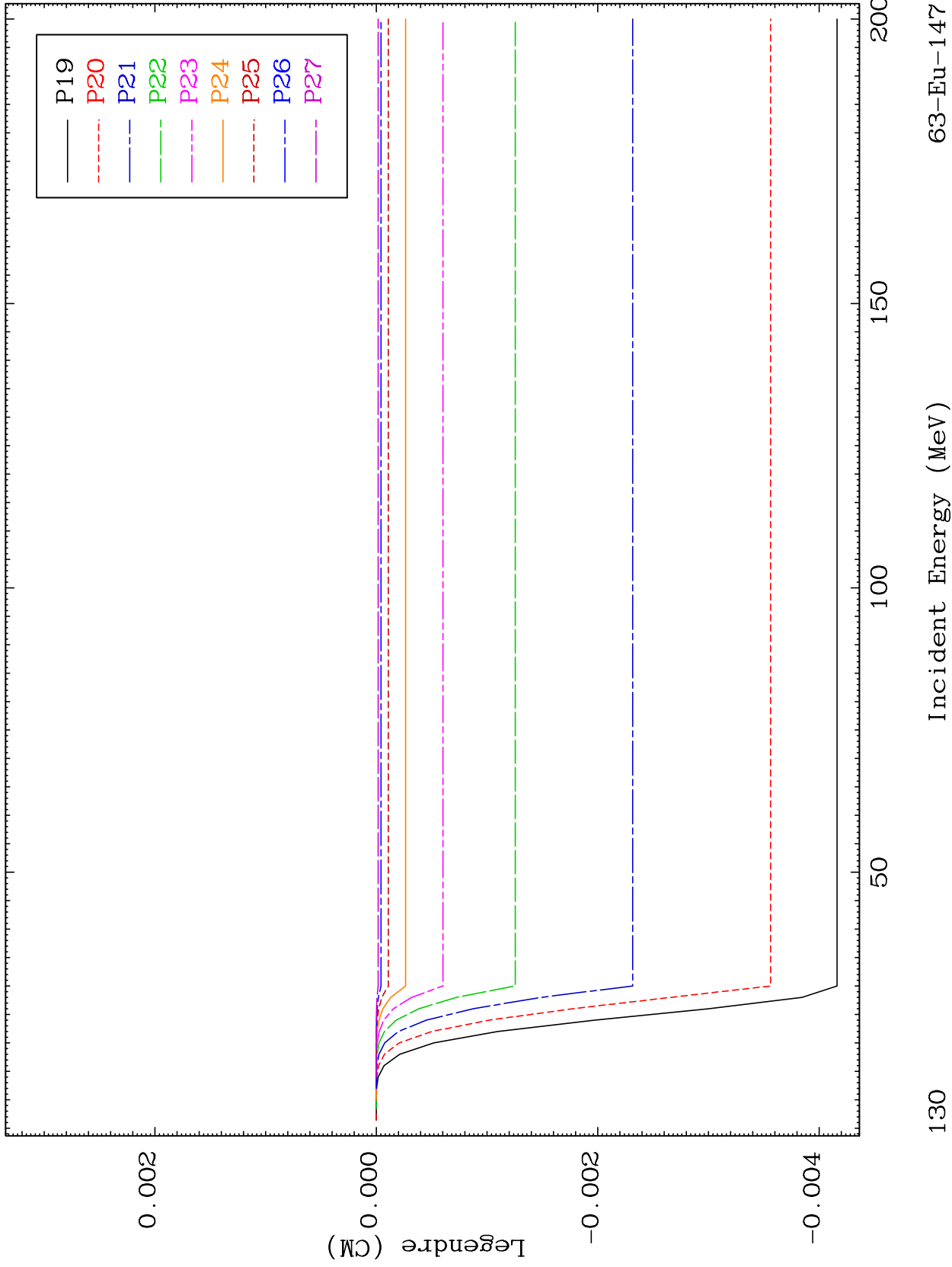
63-Eu-147



MAT 6313

1.465 MeV (n,n') Level
Legendre Coefficients

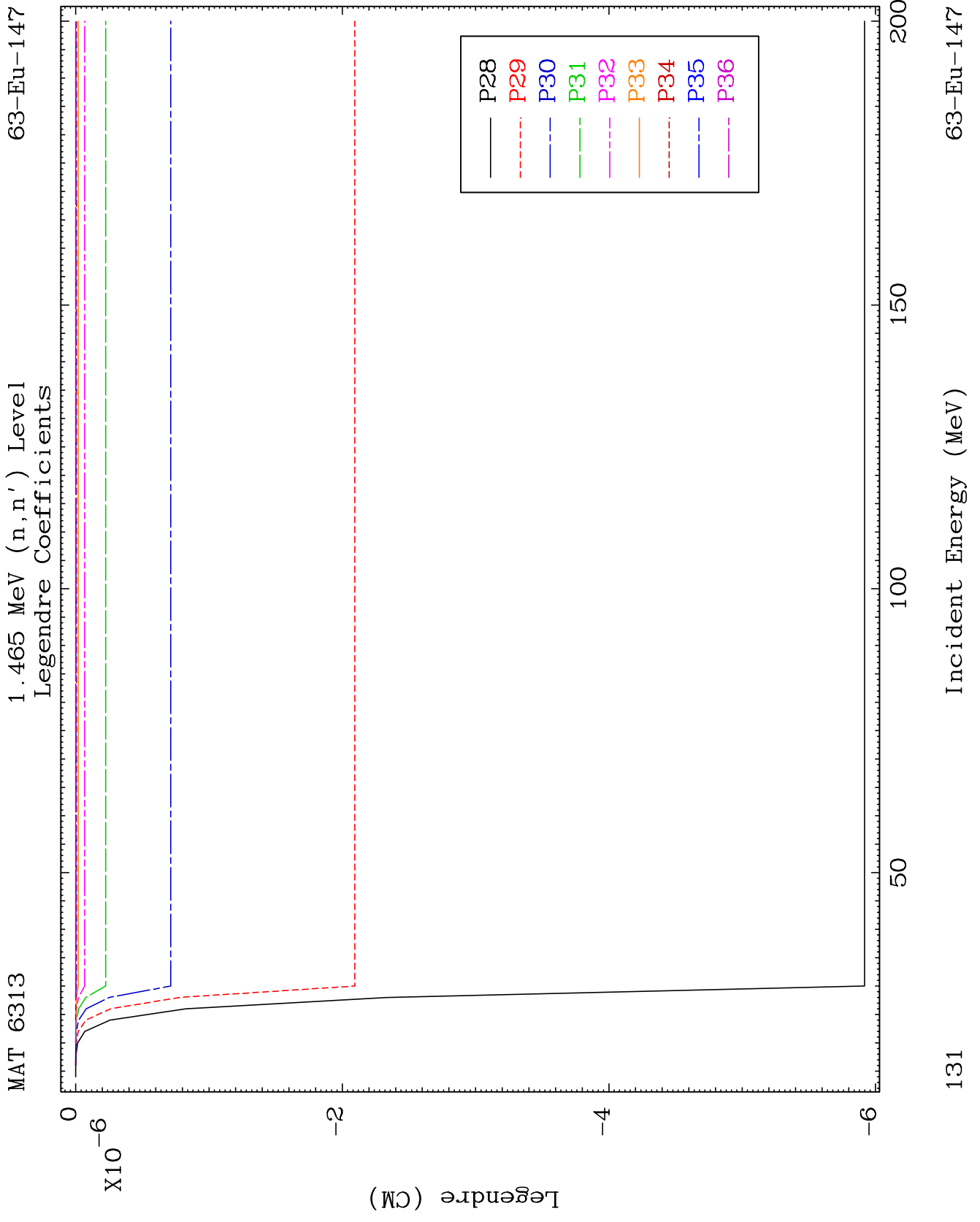
63-Eu-147



130

Incident Energy (MeV)

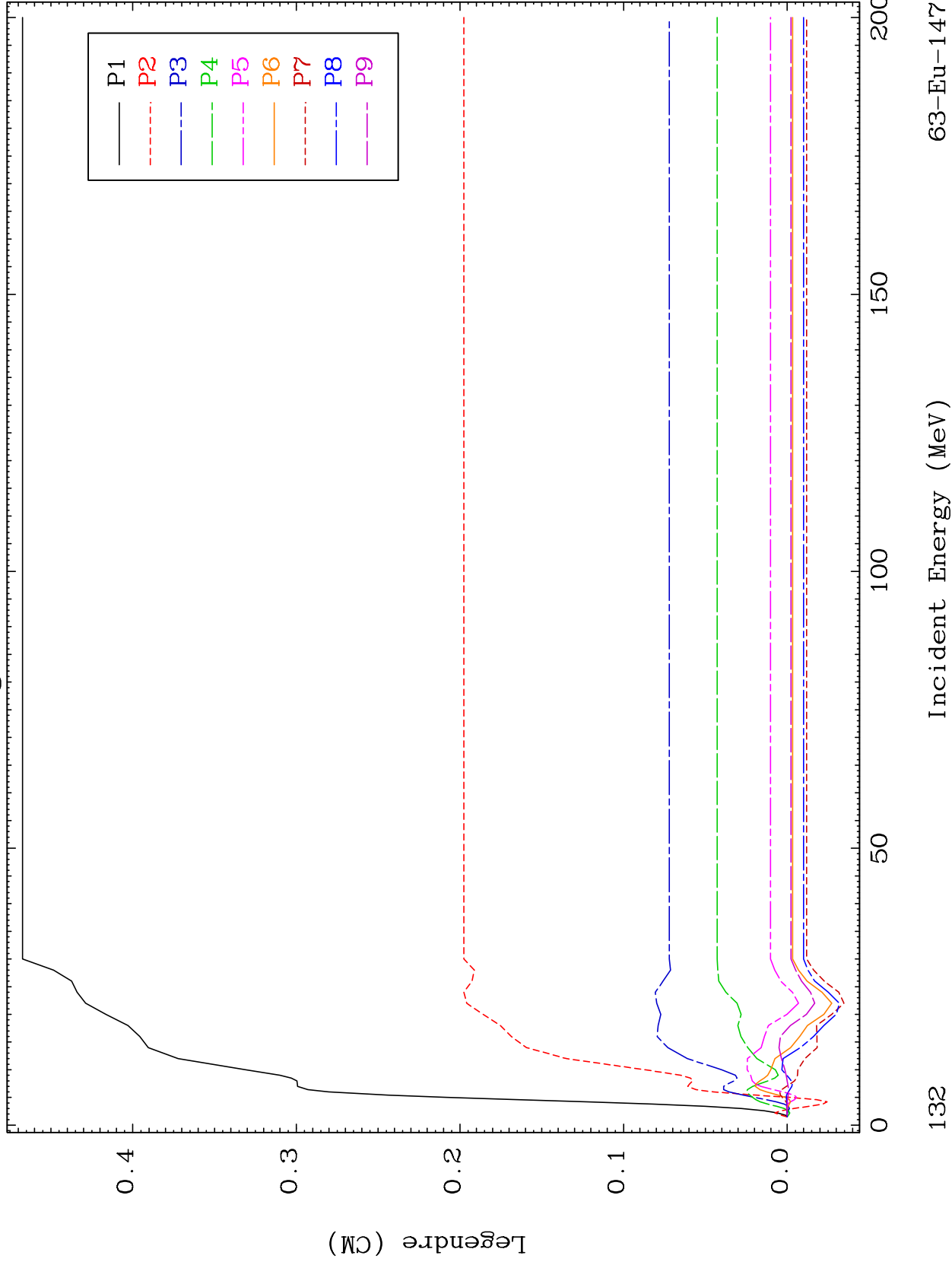
63-Eu-147



MAT 6313

1.475 MeV (n, n') Level
Legendre Coefficients

63-Eu-147



63-Eu-147

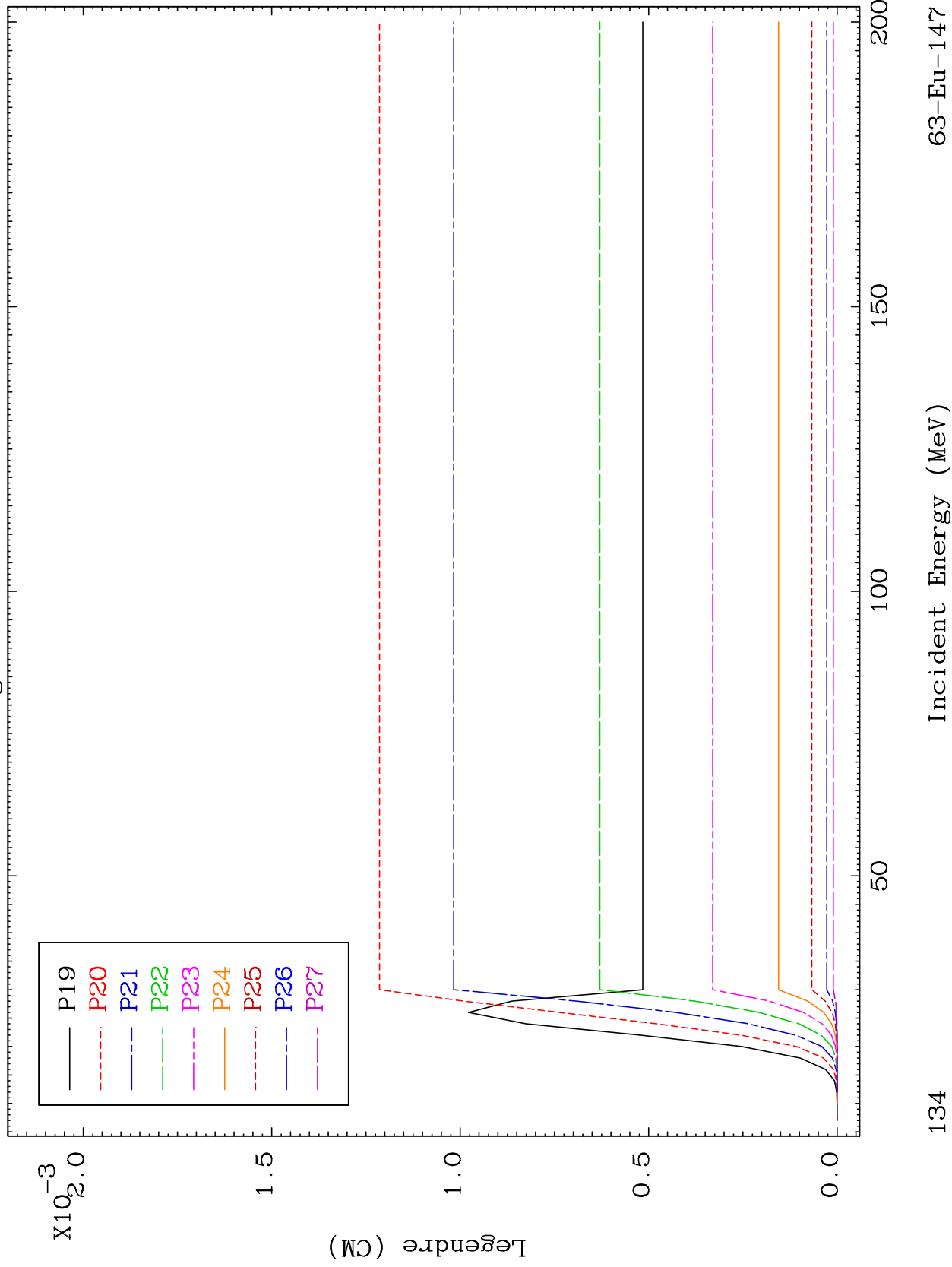
Incident Energy (MeV)

132

MAT 6313

1.475 MeV (n, n') Level
Legendre Coefficients

63-Eu-147

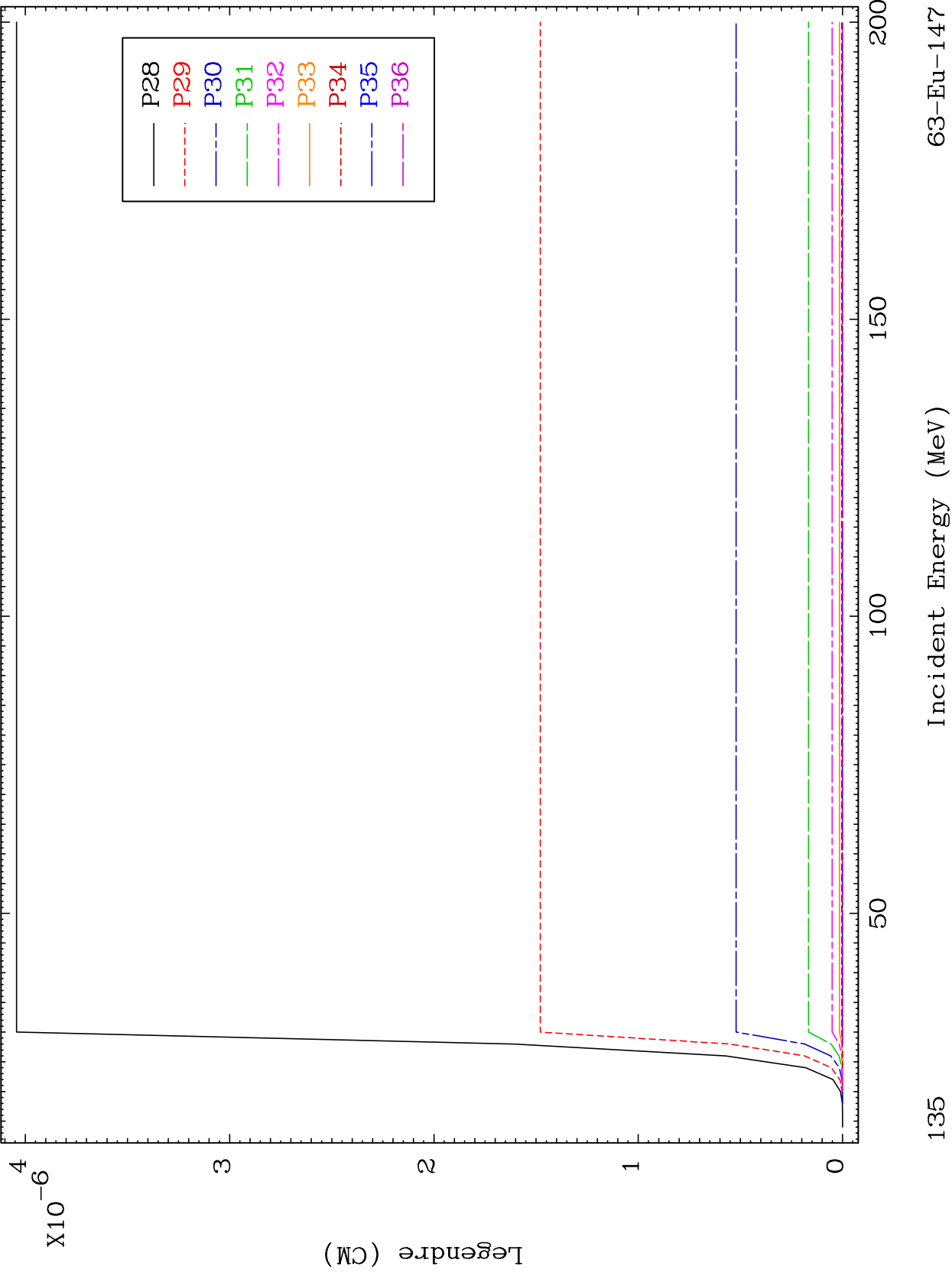


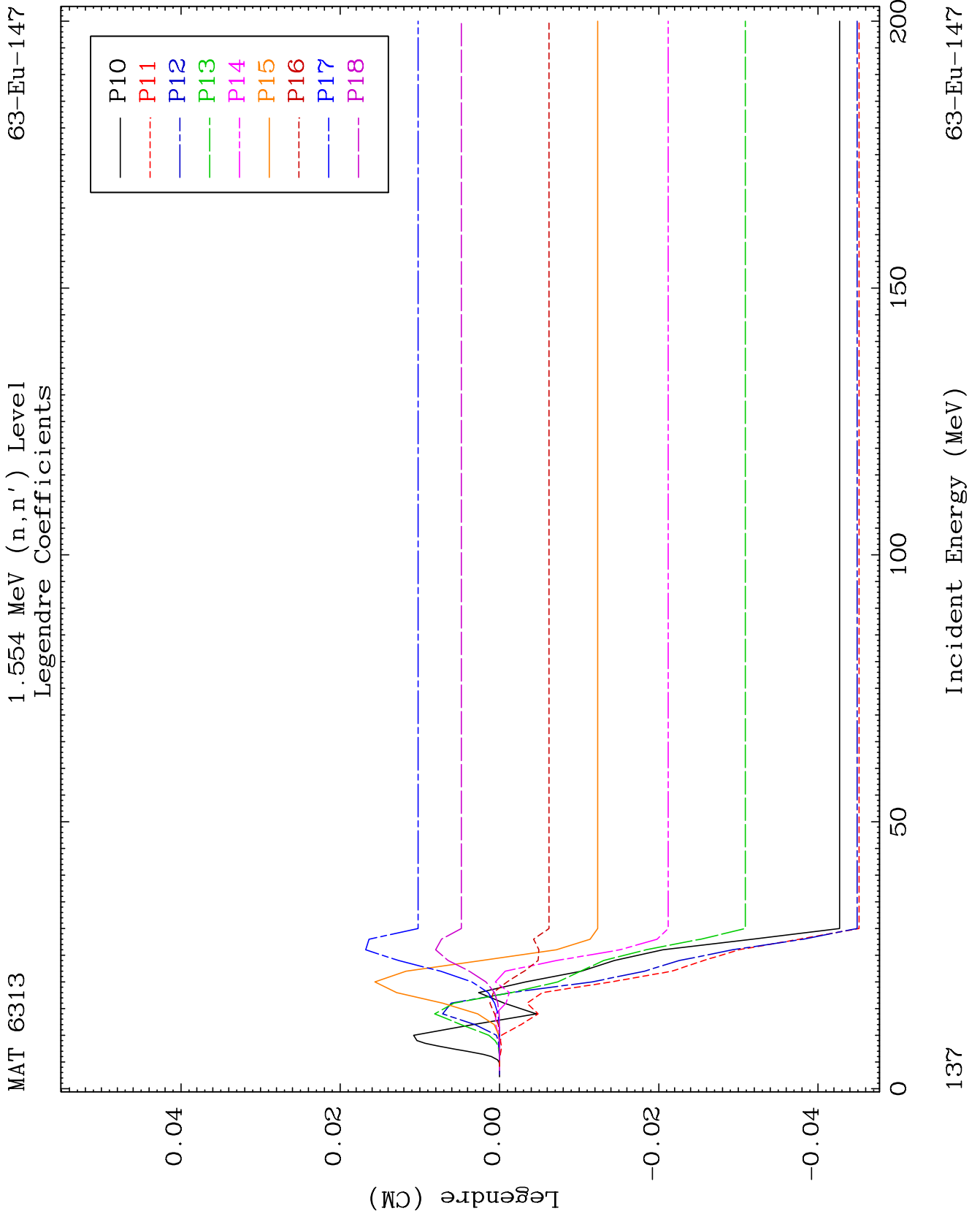
134

MAT 6313

1.475 MeV (n,n') Level
Legendre Coefficients

63-Eu-147

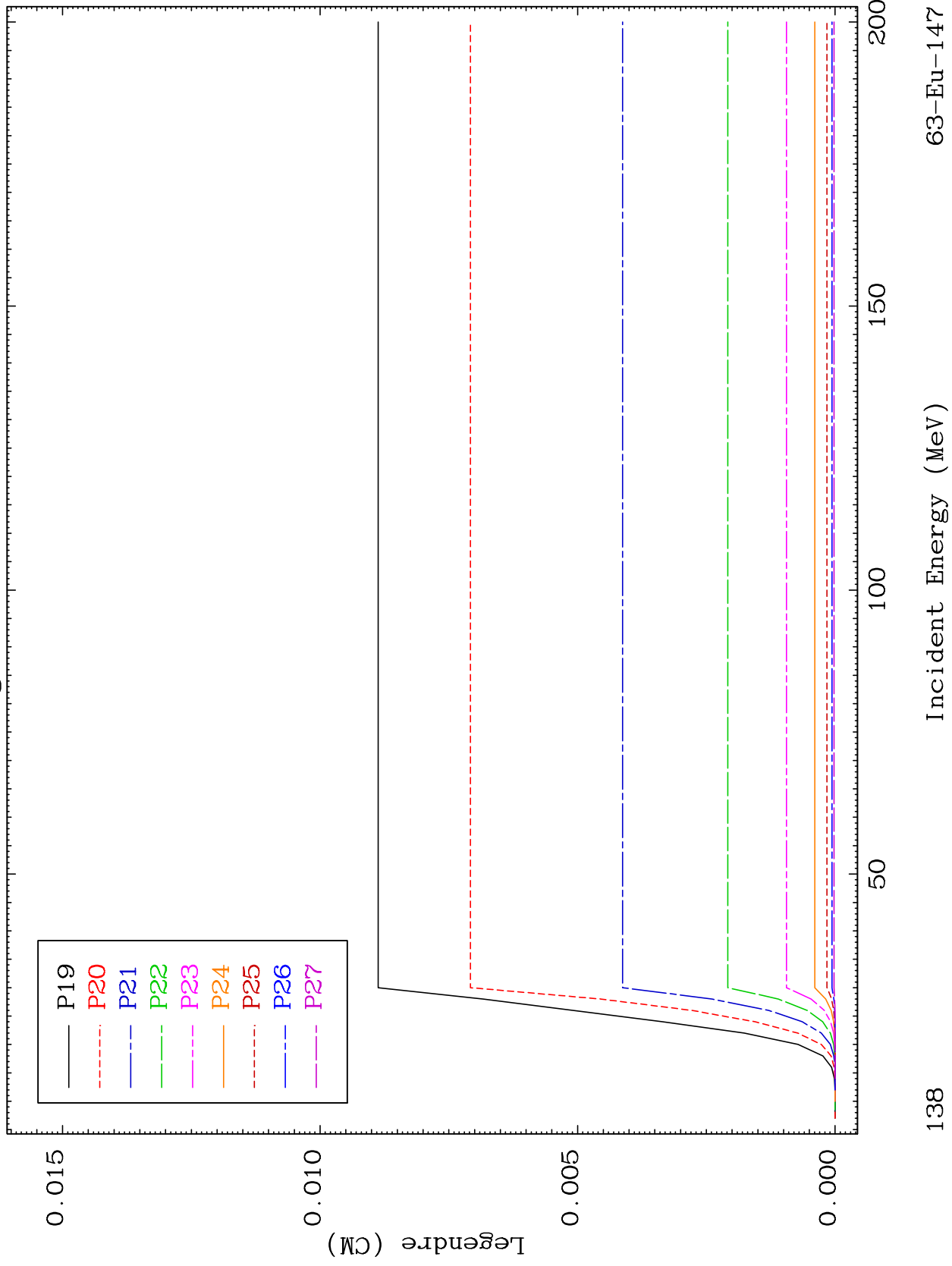




MAT 6313

1.554 MeV (n,n') Level
Legendre Coefficients

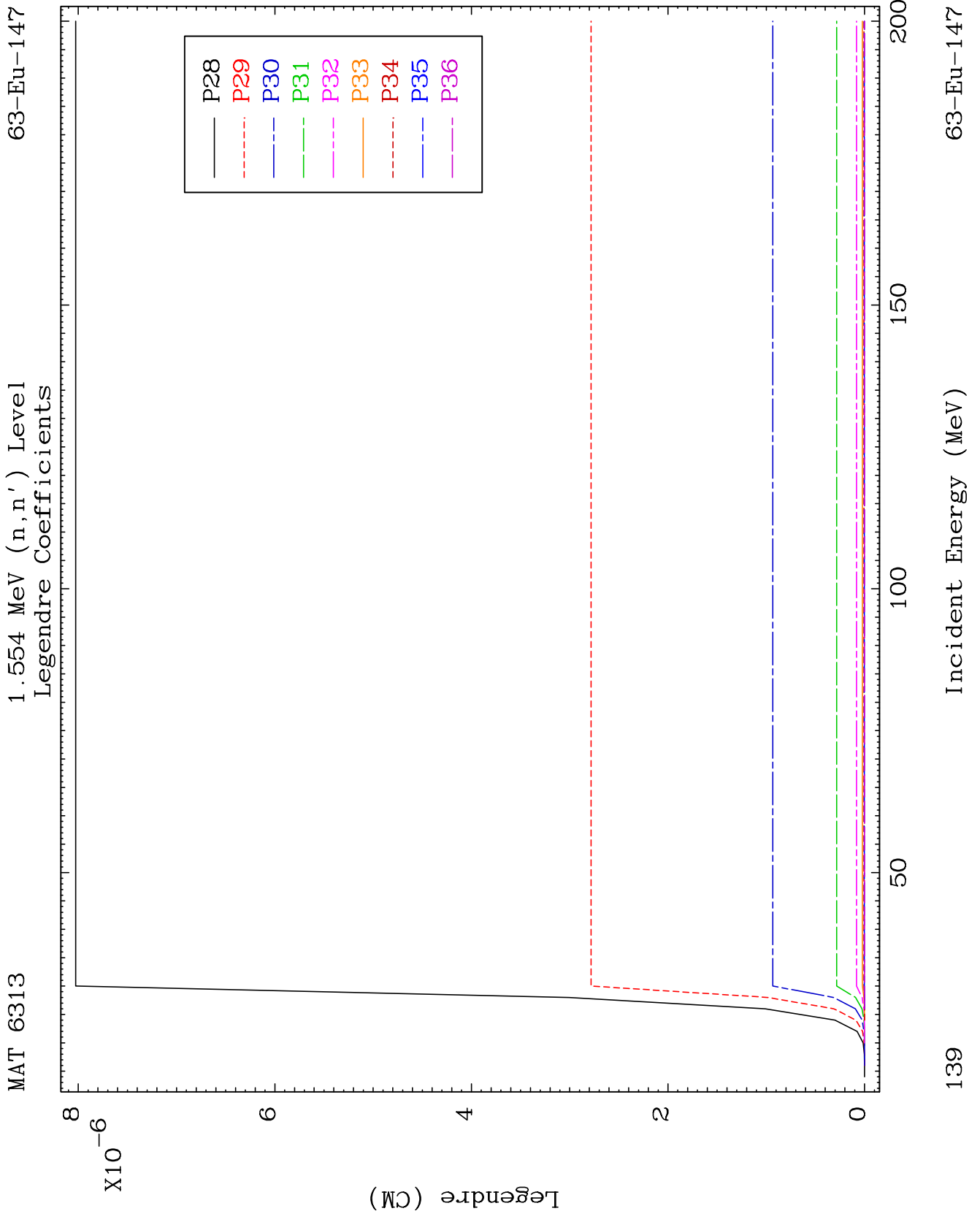
63-Eu-147



138

Incident Energy (MeV)

63-Eu-147

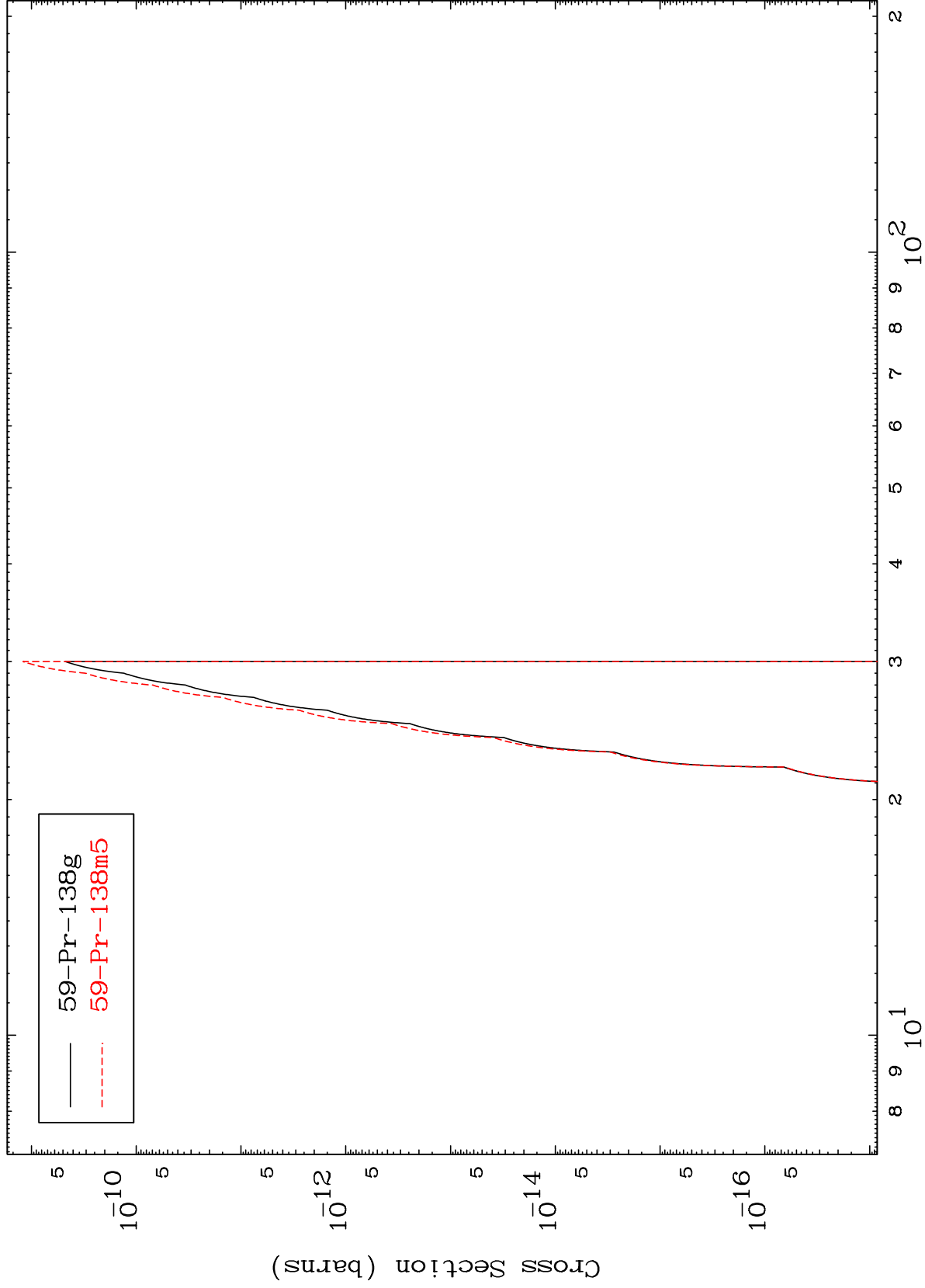


MAT 6313

(n,2n) 2 α

63-Eu-147

Radionuclide Production Cross Section



140

Incident Energy (MeV)

63-Eu-147