

Program EVALPLOT
(Version 2015-2)

by

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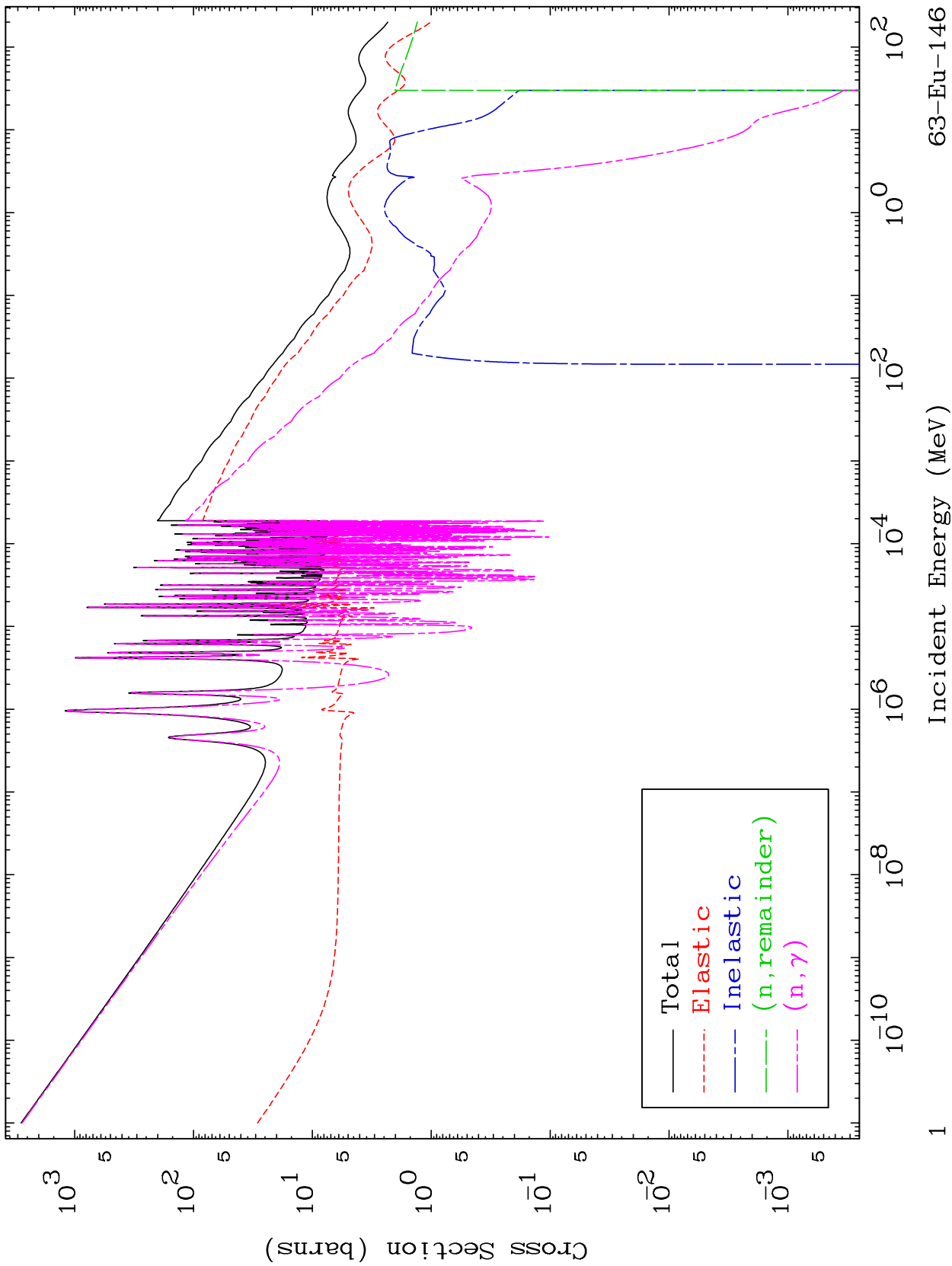
Press Mouse Button to Start

MAT 6310

Major

293 Kelvin Cross Sections

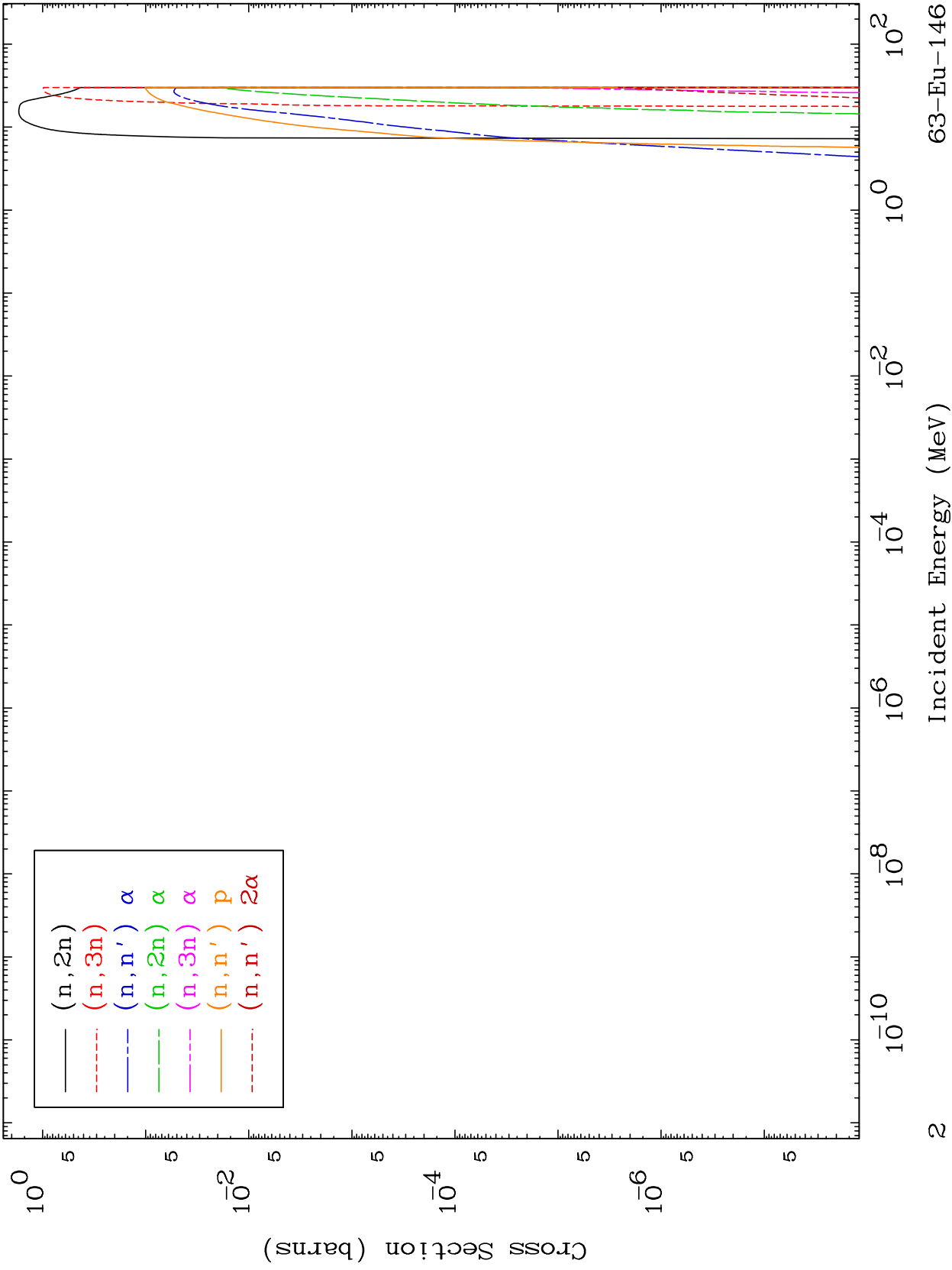
63-Eu-146

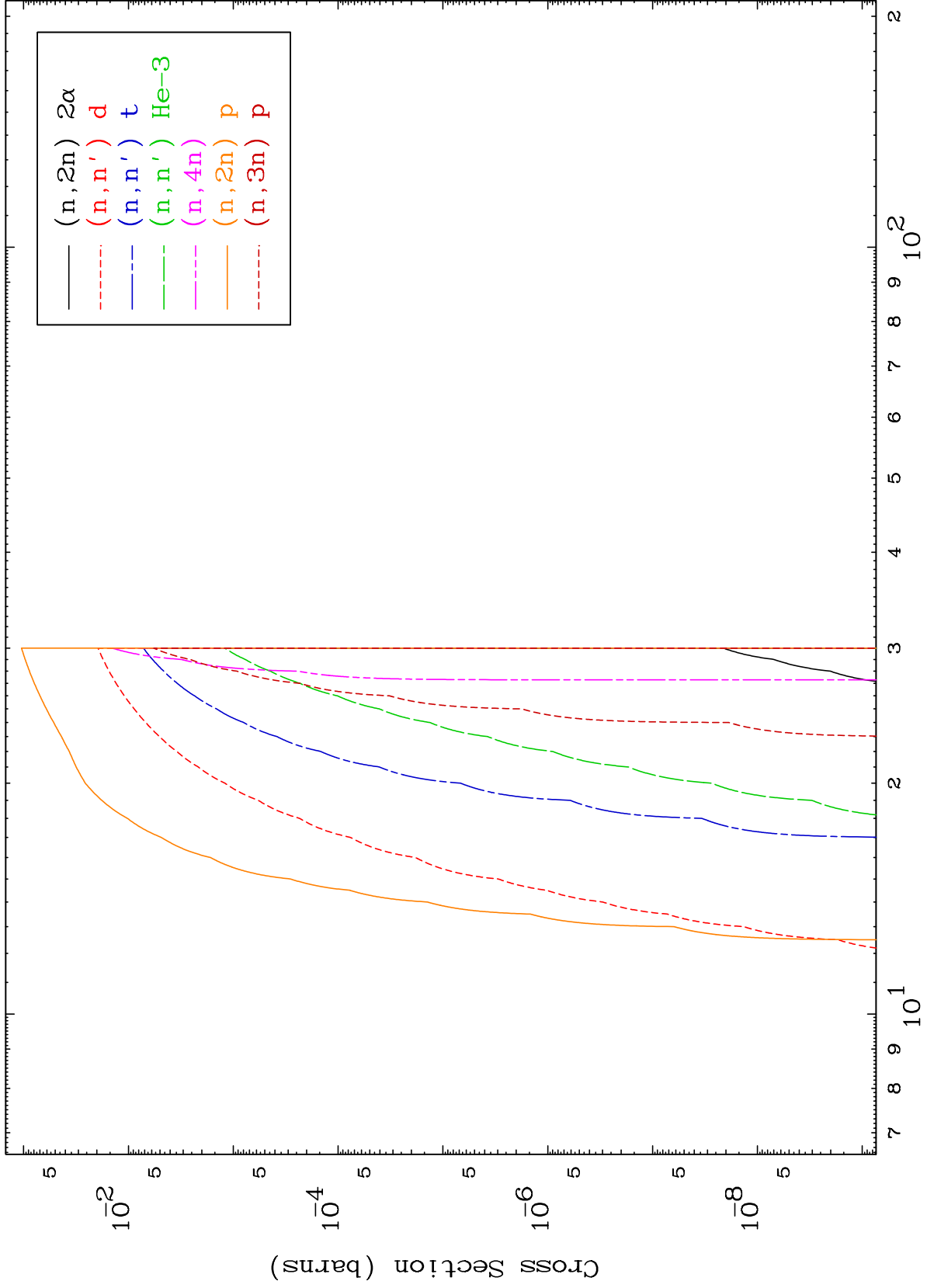


MAT 6310

Neutron Production
293 Kelvin Cross Sections

63-Eu-146

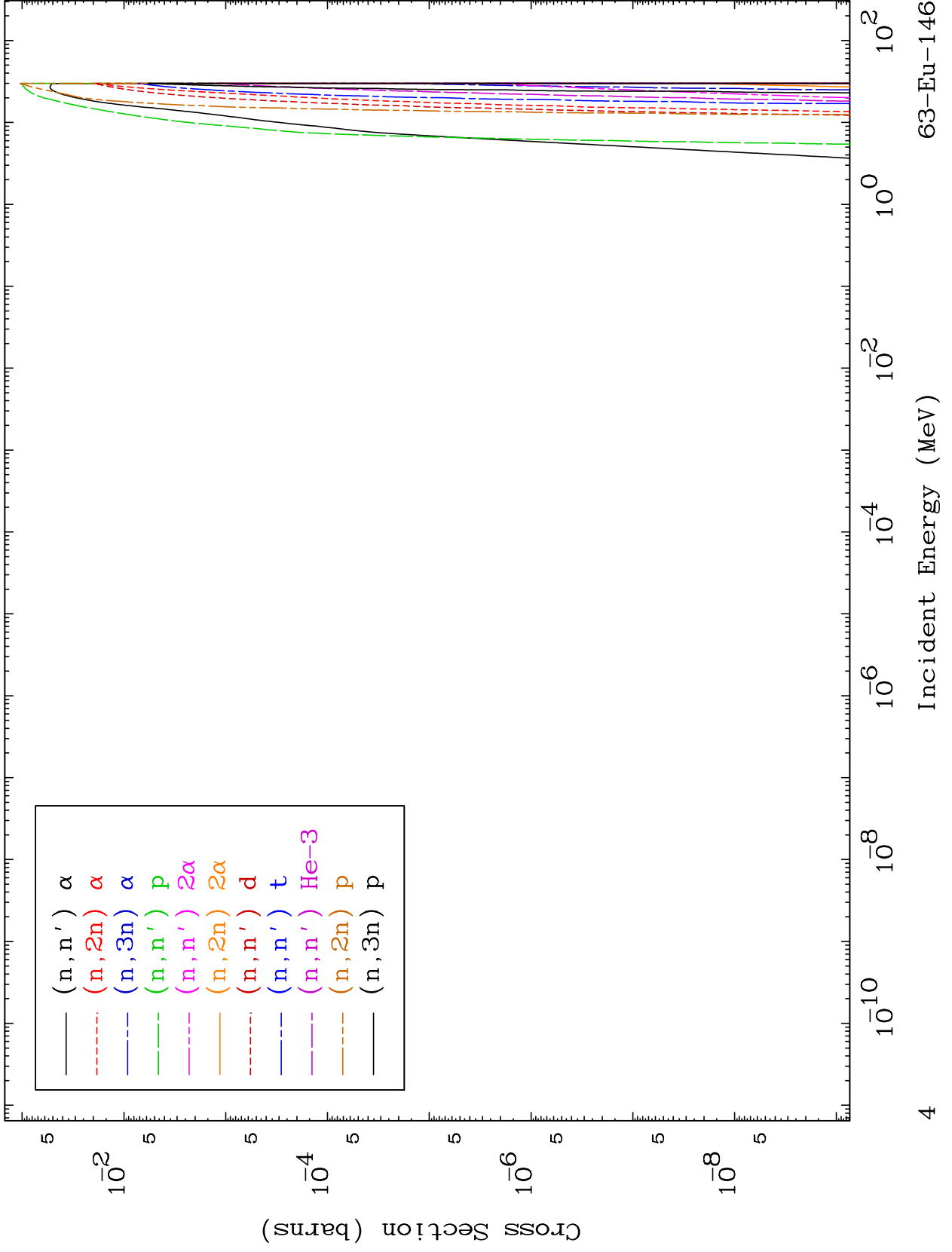




MAT 6310

Charged Particle
293 Kelvin Cross Sections

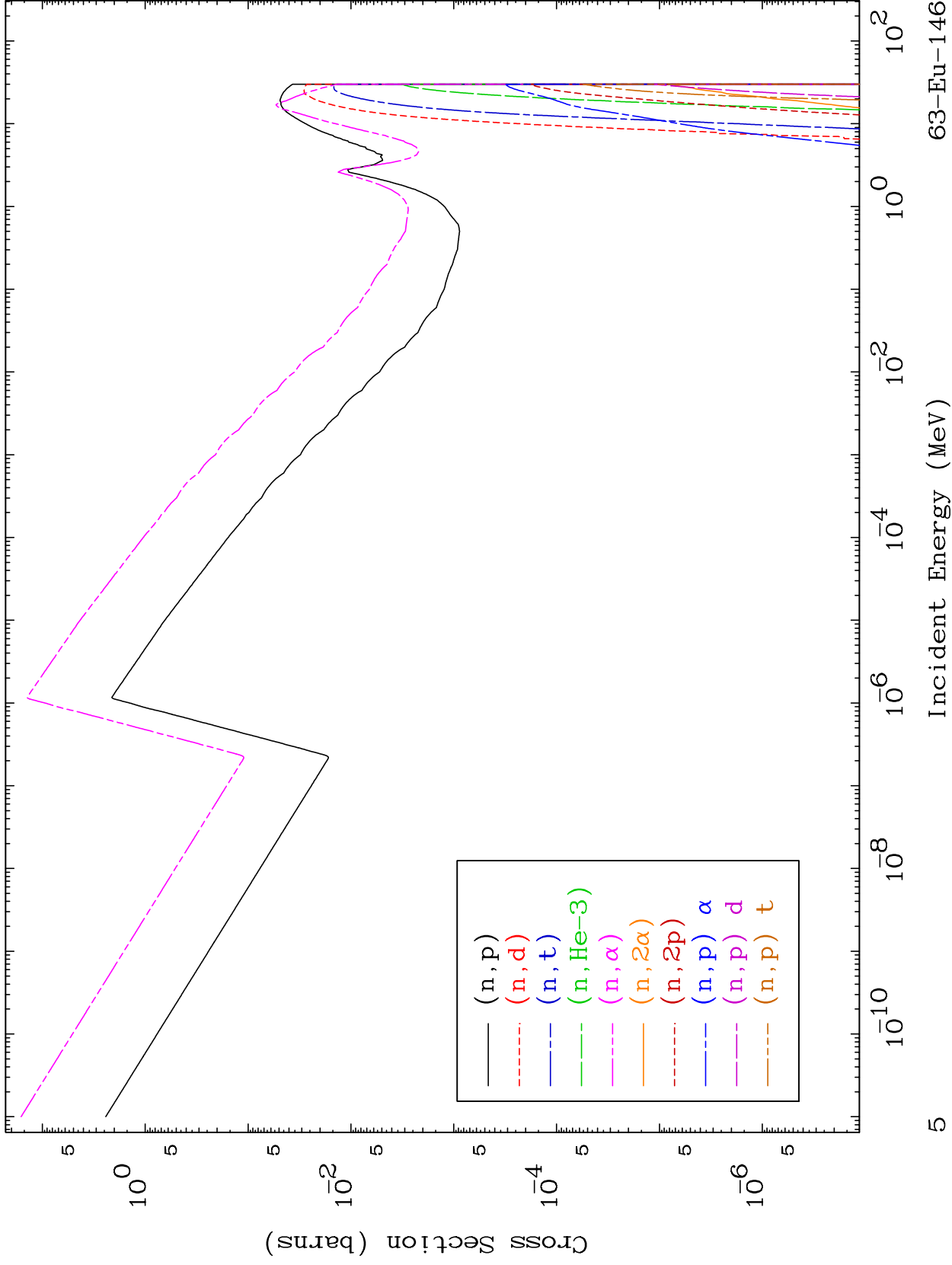
63-Eu-146



MAT 6310

Charged Particle
293 Kelvin Cross Sections

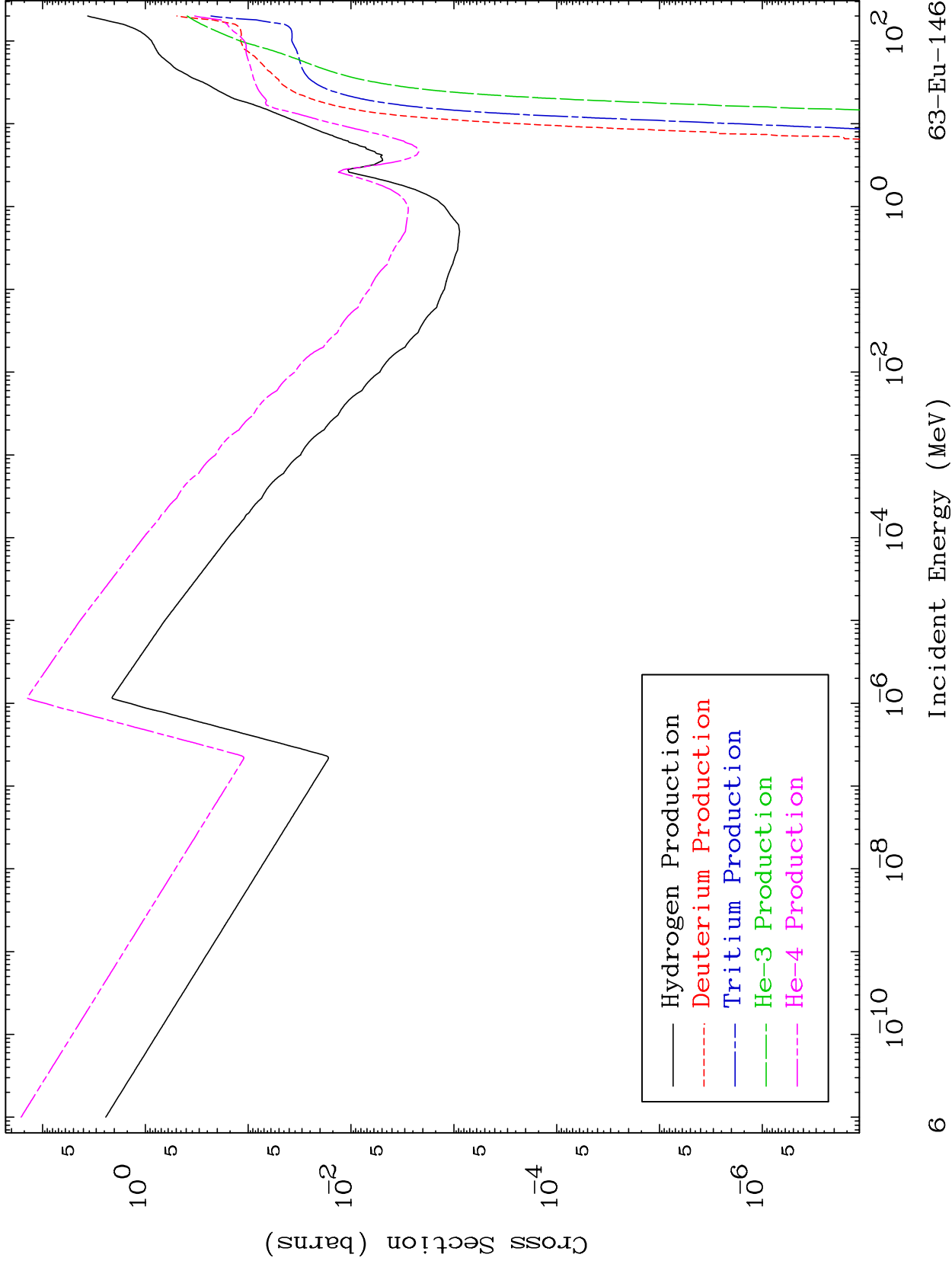
63-Eu-146



MAT 6310

Particle Production
293 Kelvin Cross Sections

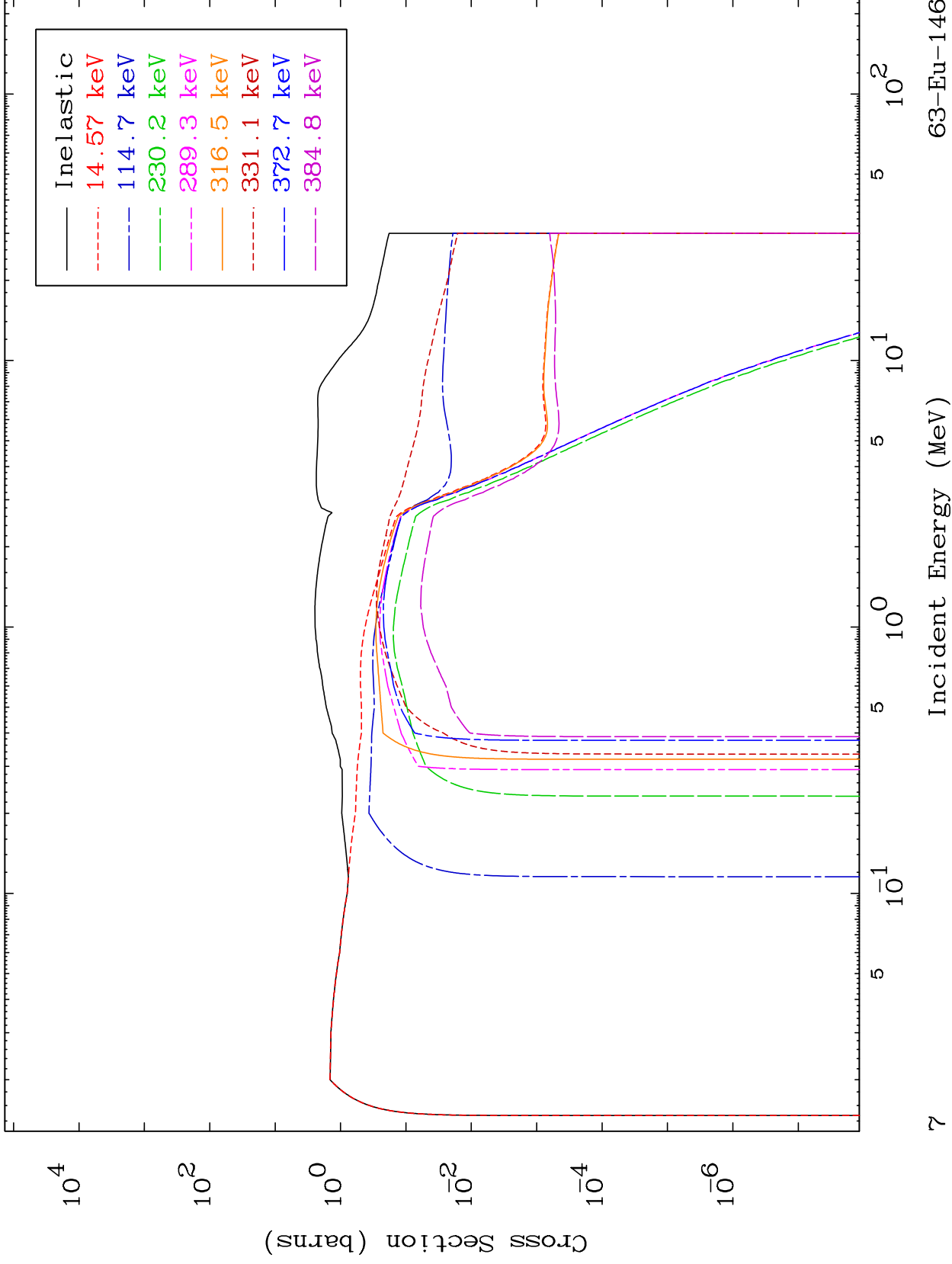
63-Eu-146



MAT 6310

(n,n') Level
293 Kelvin Cross Sections

63-Eu-146

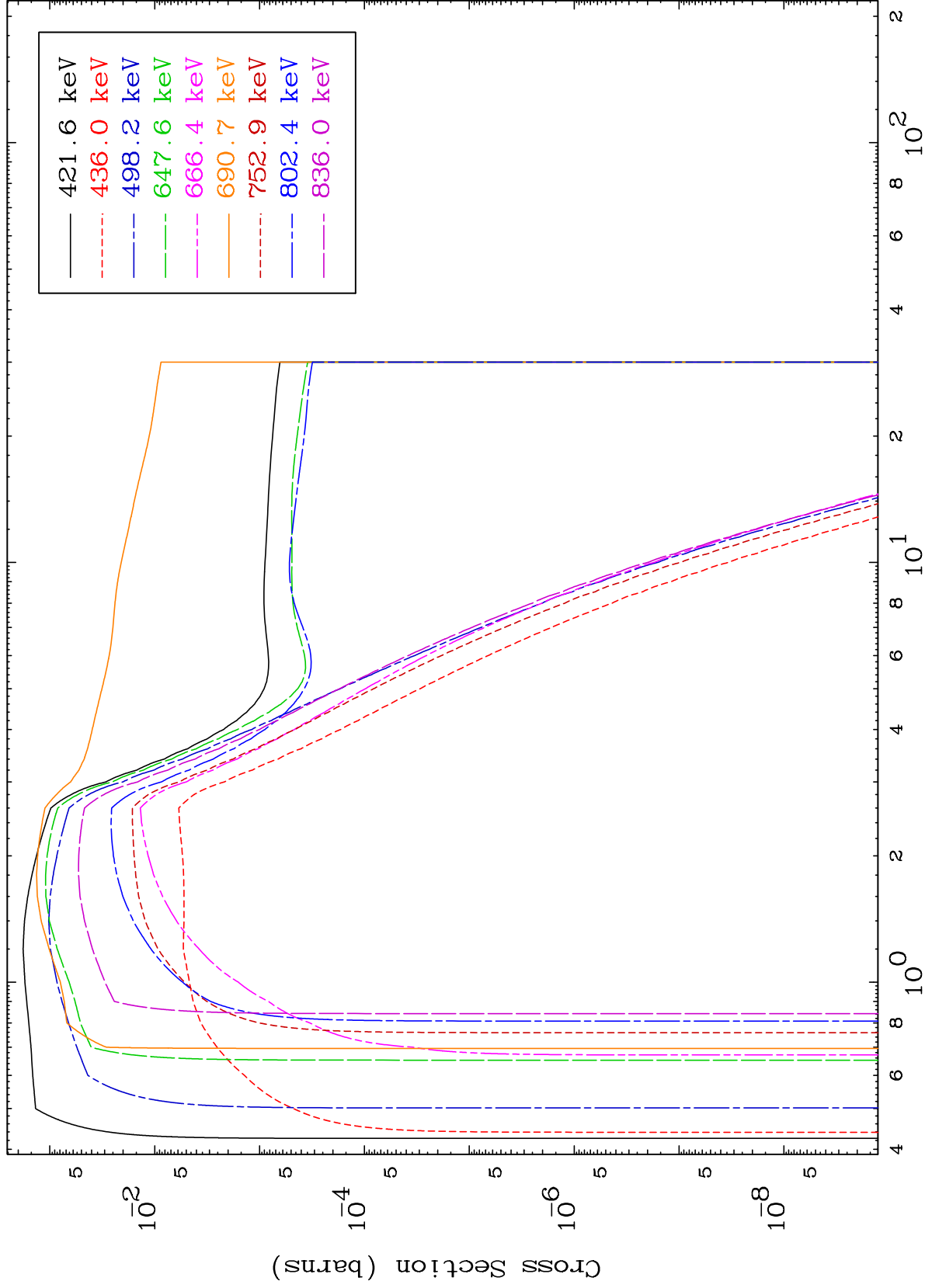


MAT 6310

(n,n') Level

63-Eu-146

293 Kelvin Cross Sections



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Incident Energy (MeV)

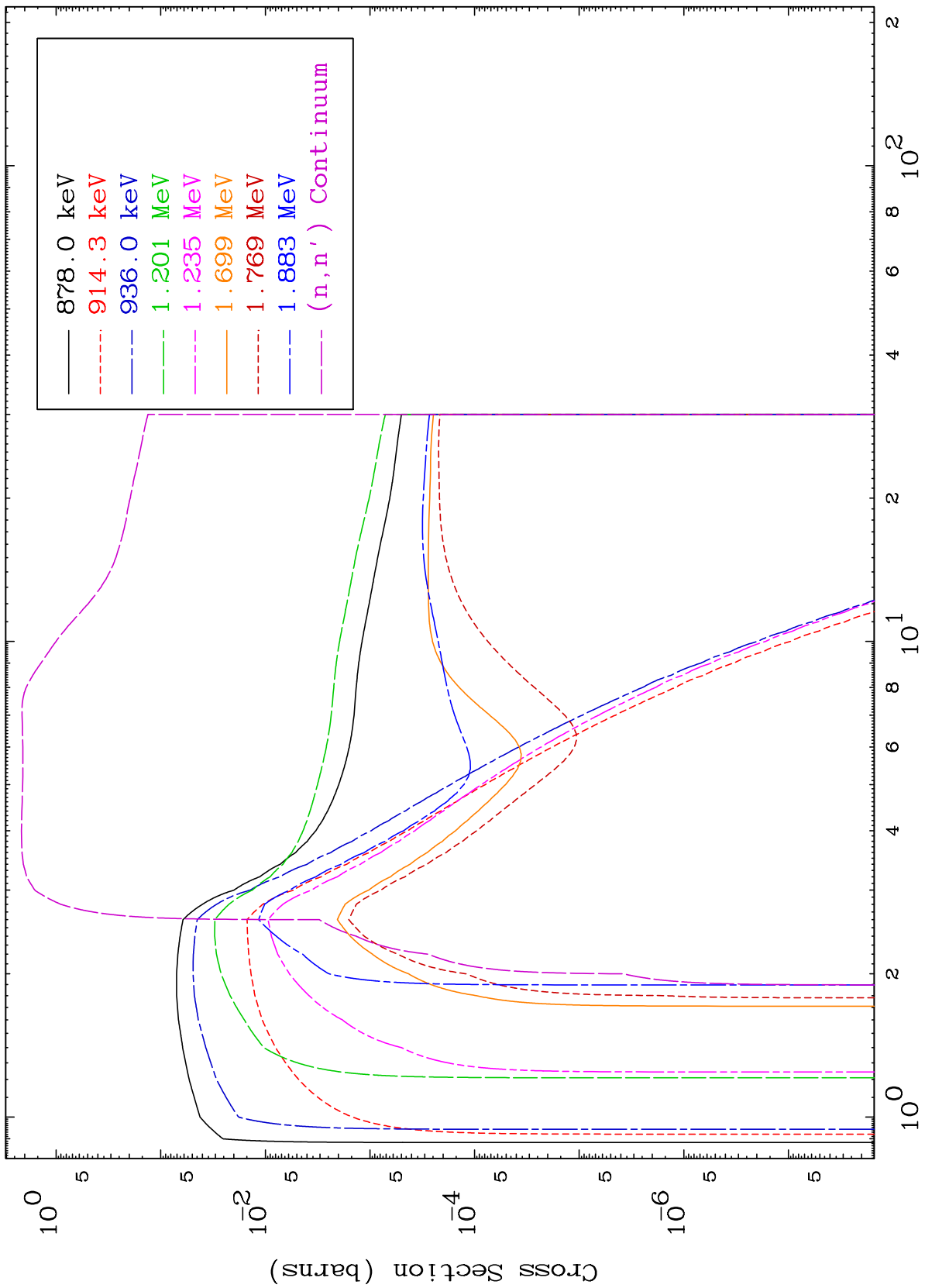
63-Eu-146

MAT 6310

(n,n') Level

63-Eu-146

293 Kelvin Cross Sections



9

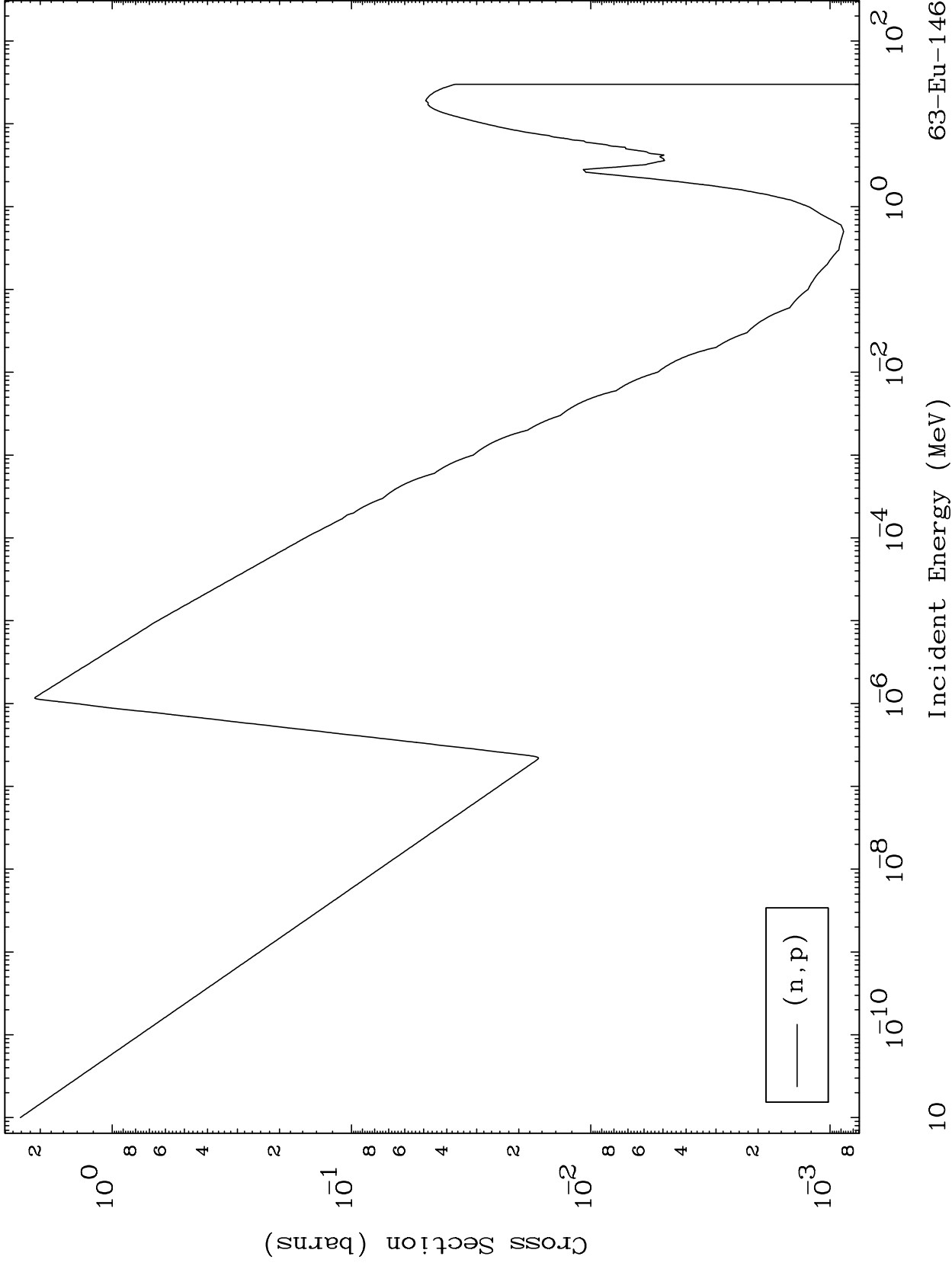
Incident Energy (MeV)

63-Eu-146

MAT 6310

(n,p) Levels
293 Kelvin Cross Sections

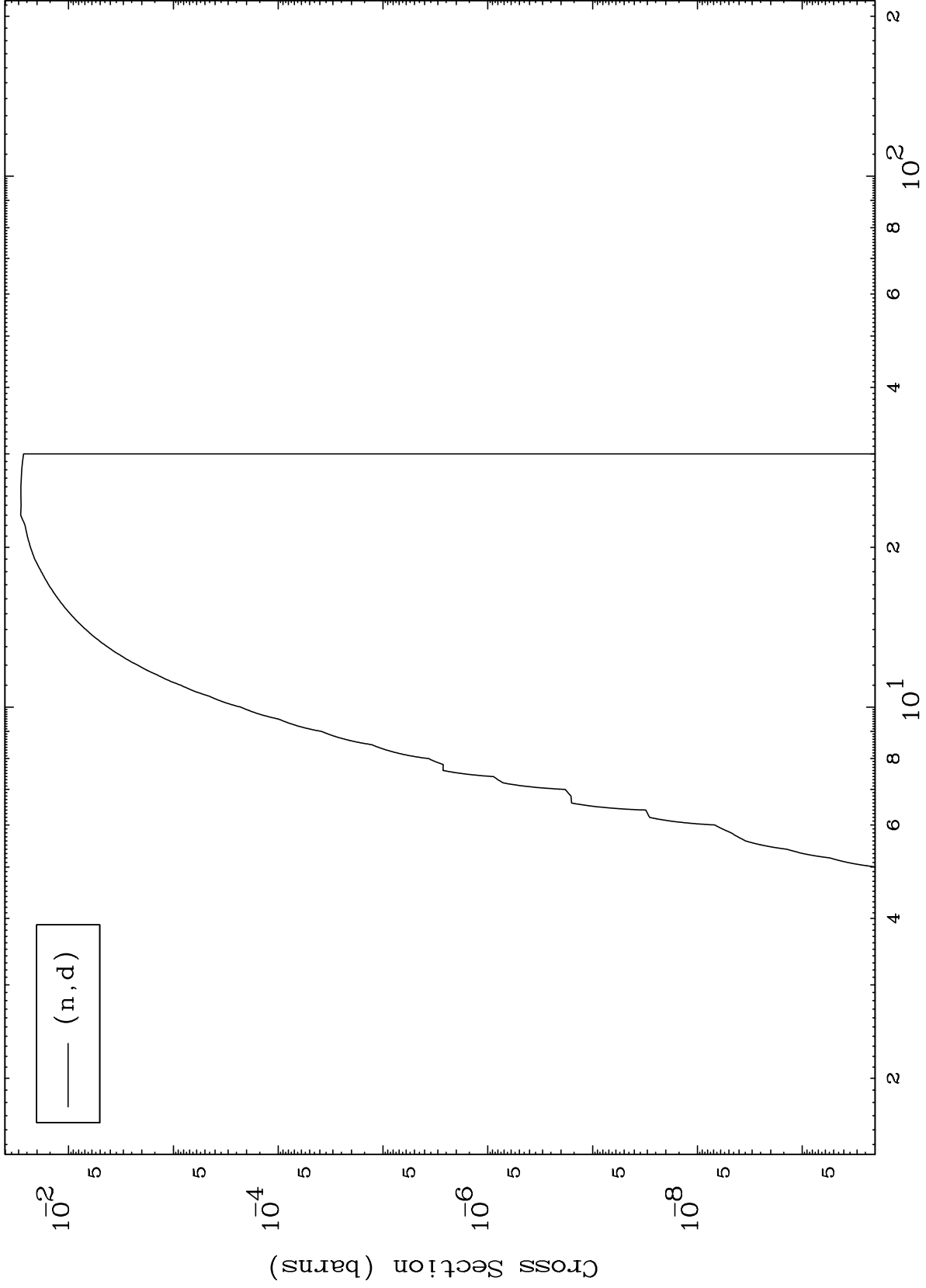
63-Eu-146



MAT 6310

(n,d) Levels
293 Kelvin Cross Sections

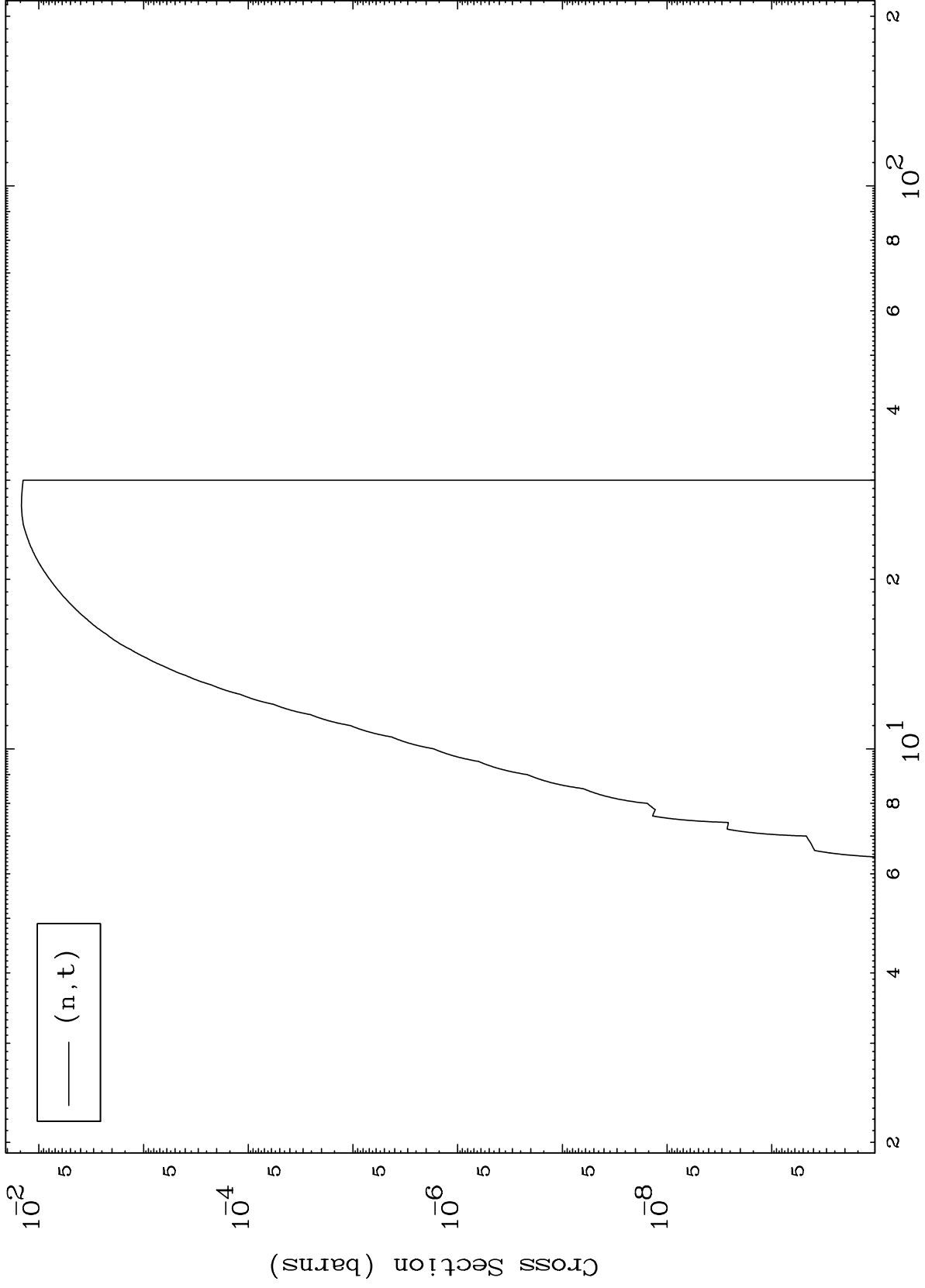
63-Eu-146



MAT 6310

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-146



12

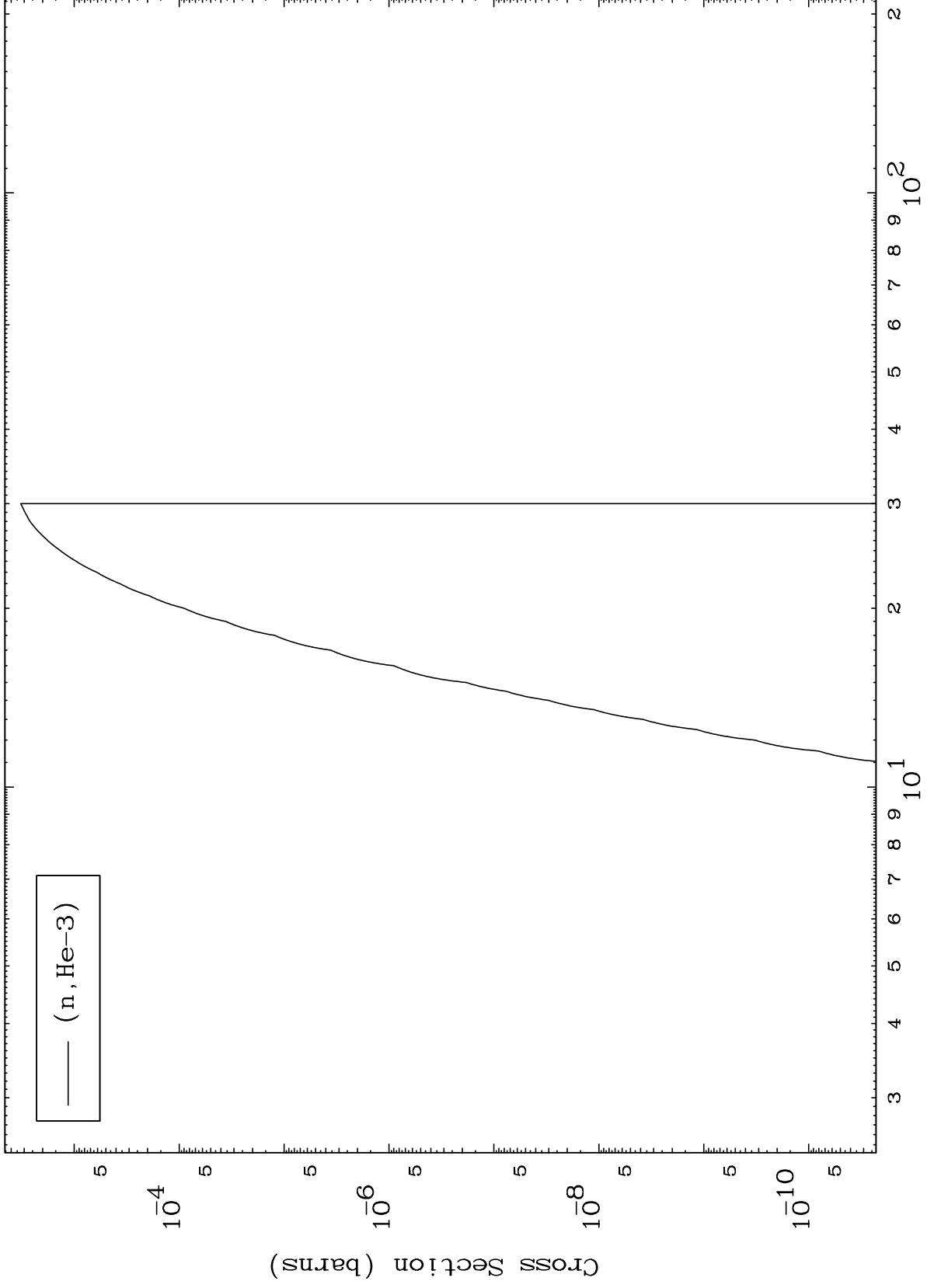
Incident Energy (MeV)

63-Eu-146

MAT 6310

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-146



13

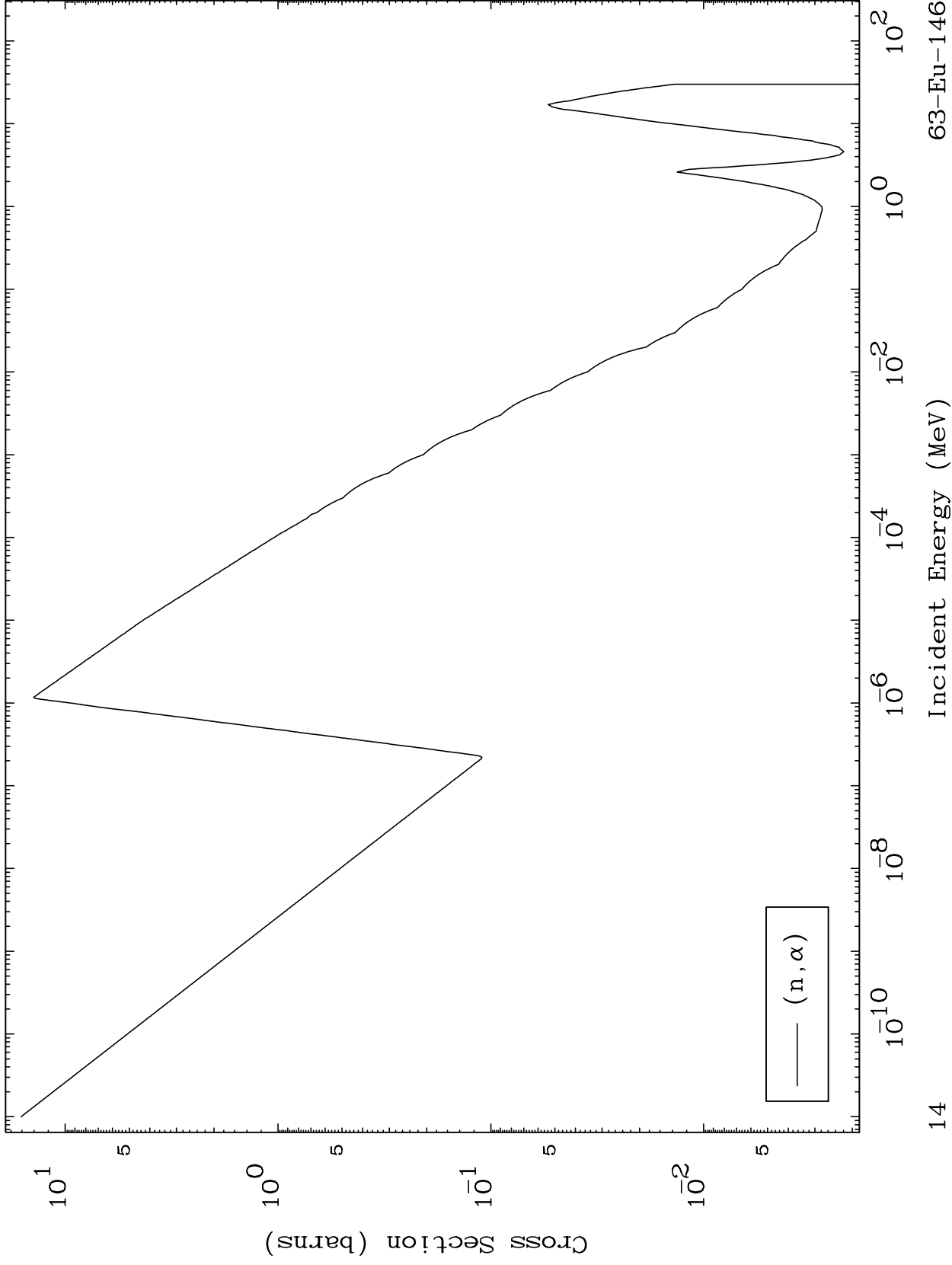
Incident Energy (MeV)

63-Eu-146

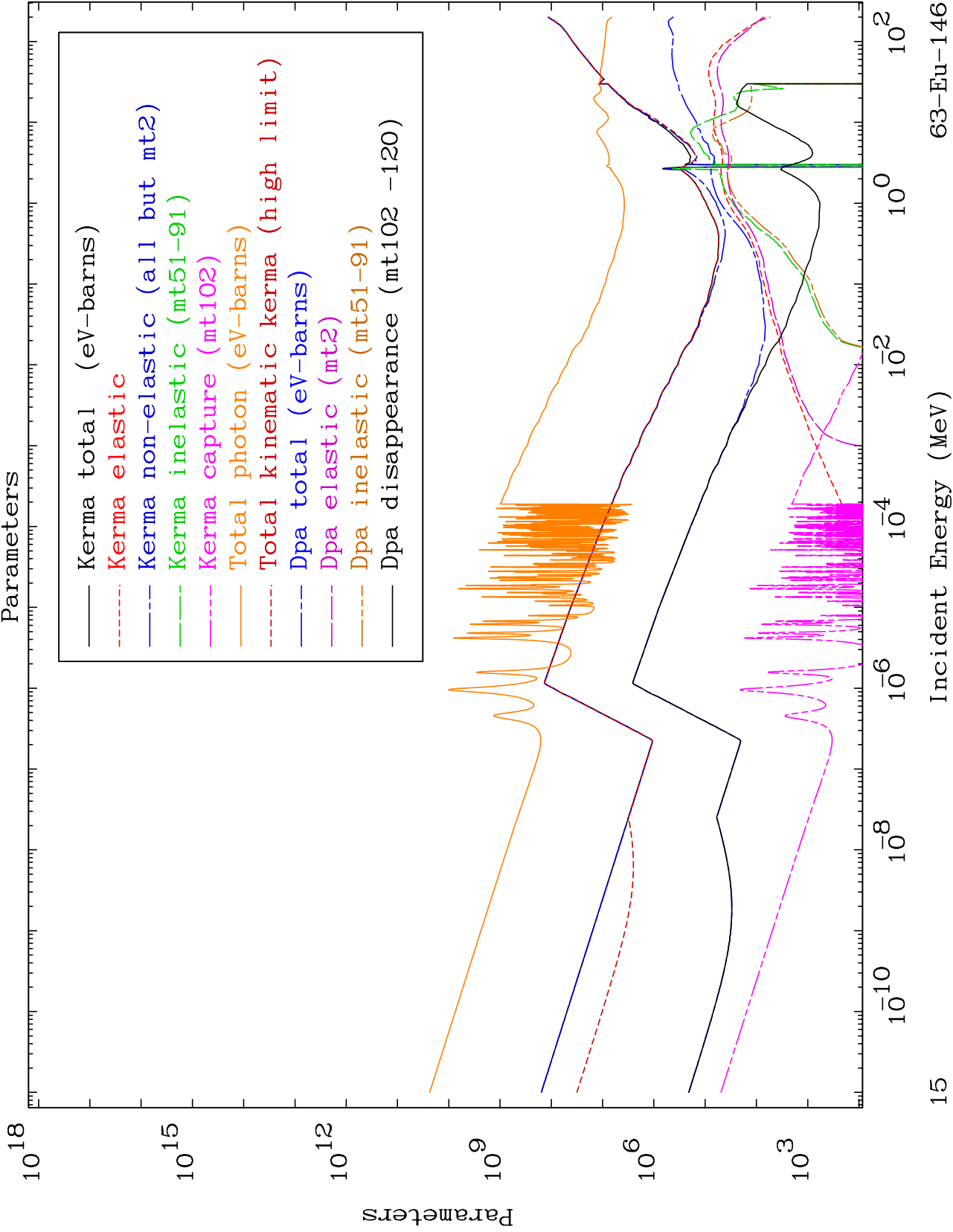
MAT 6310

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-146



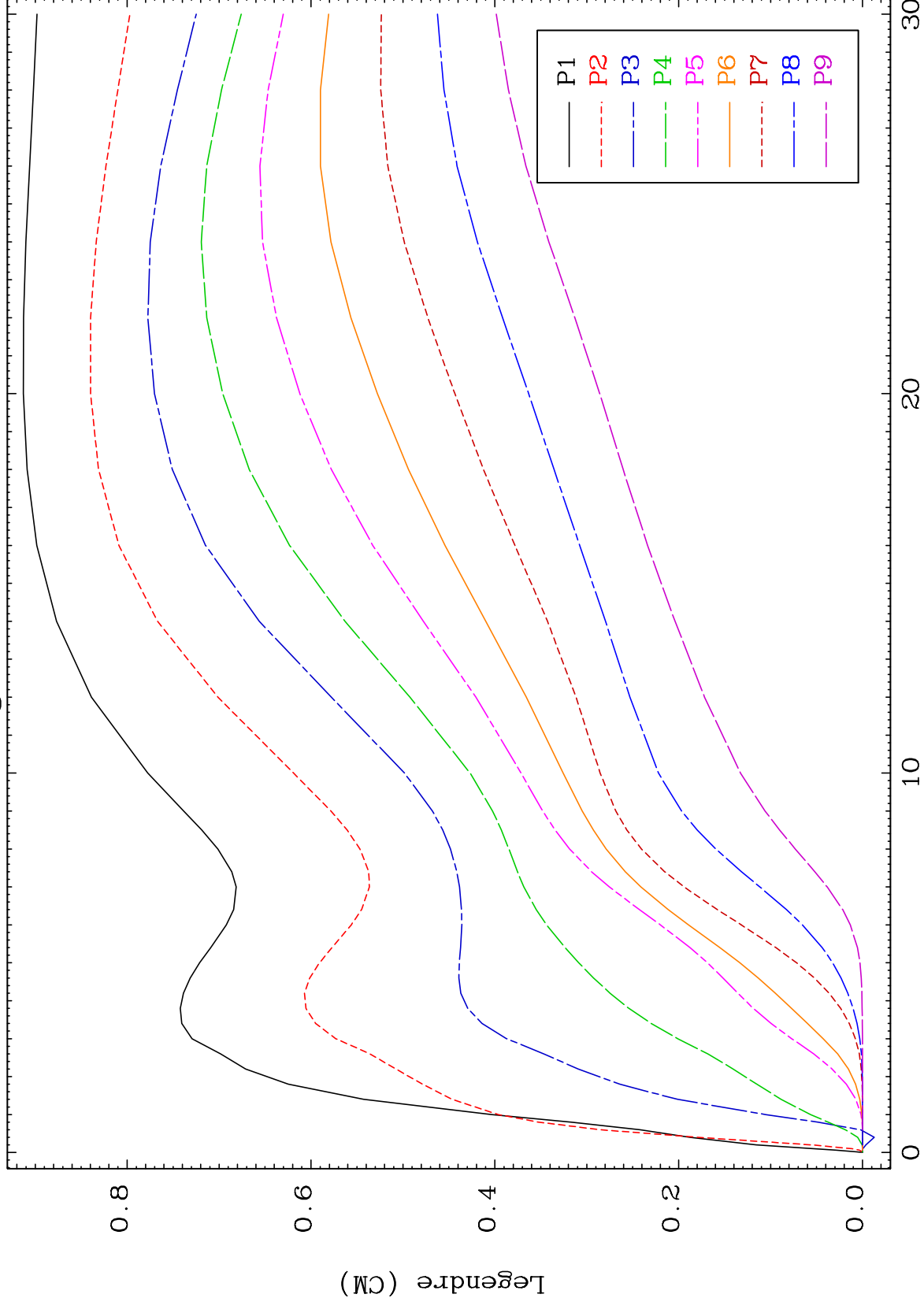
63-Eu-146



MAT 6310

Elastic Legendre Coefficients

63-Eu-146



16

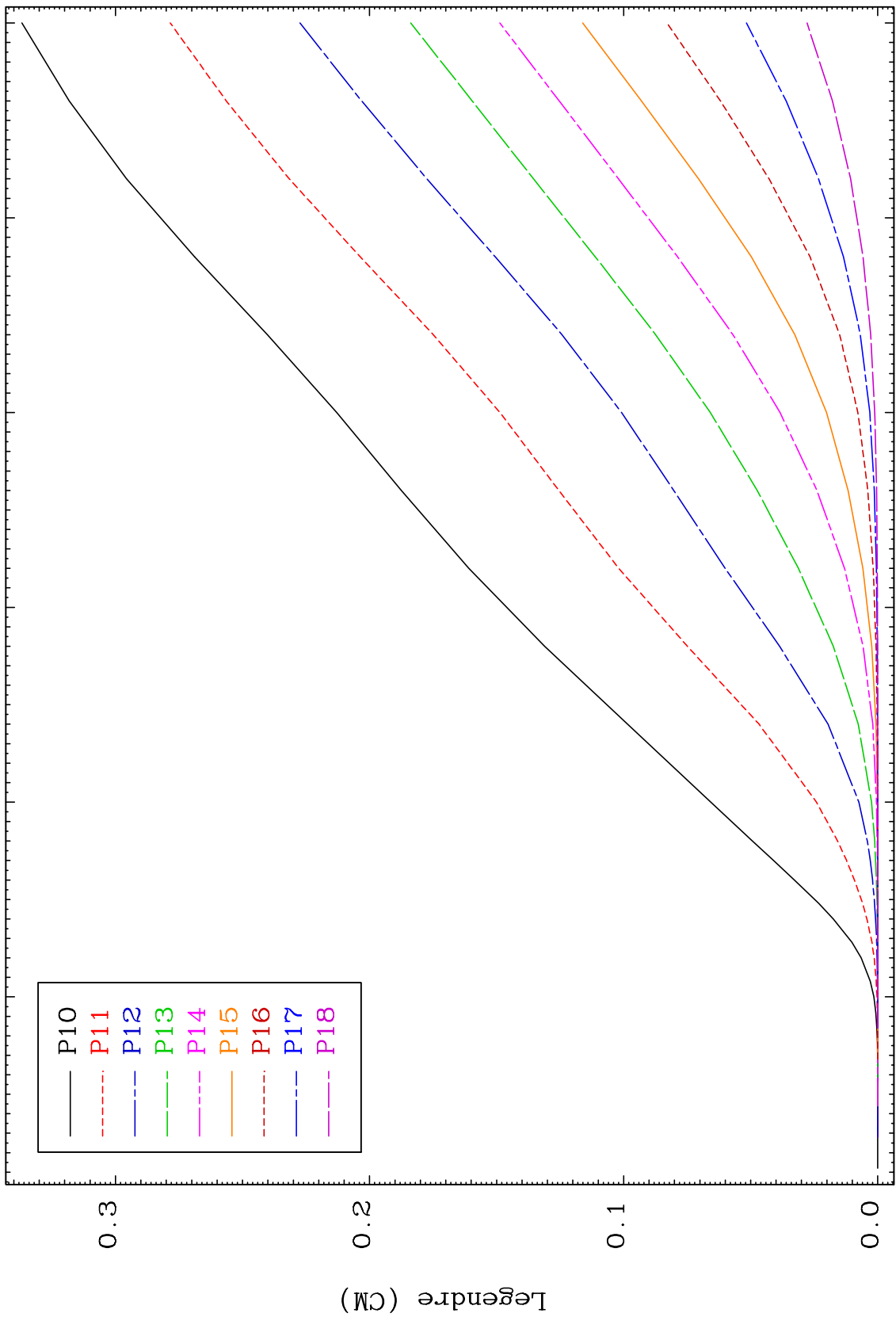
Incident Energy (MeV)

63-Eu-146

MAT 6310

Elastic Legendre Coefficients

63-Eu-146



17

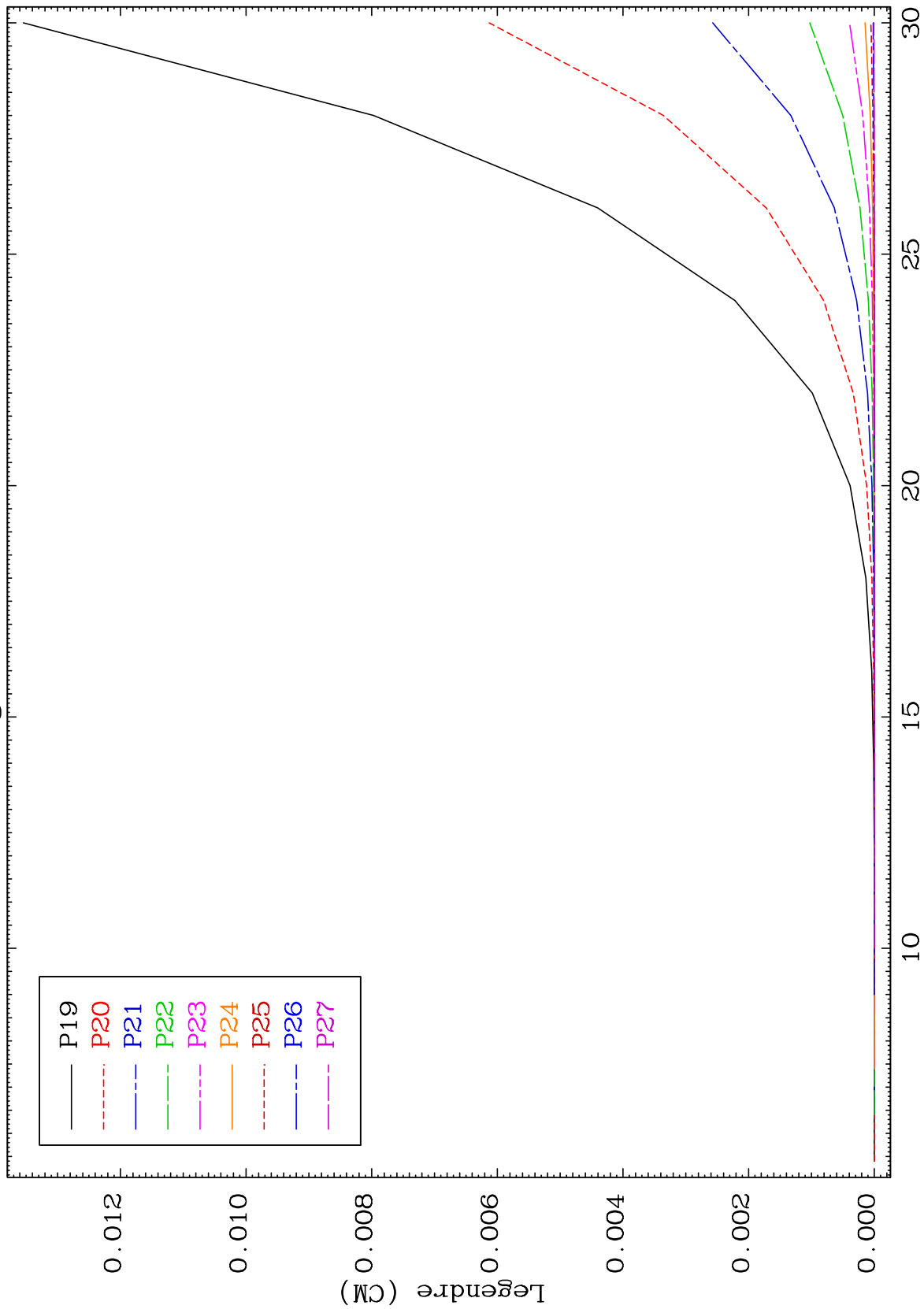
Incident Energy (MeV)

63-Eu-146

MAT 6310

Elastic Legendre Coefficients

63-Eu-146



18

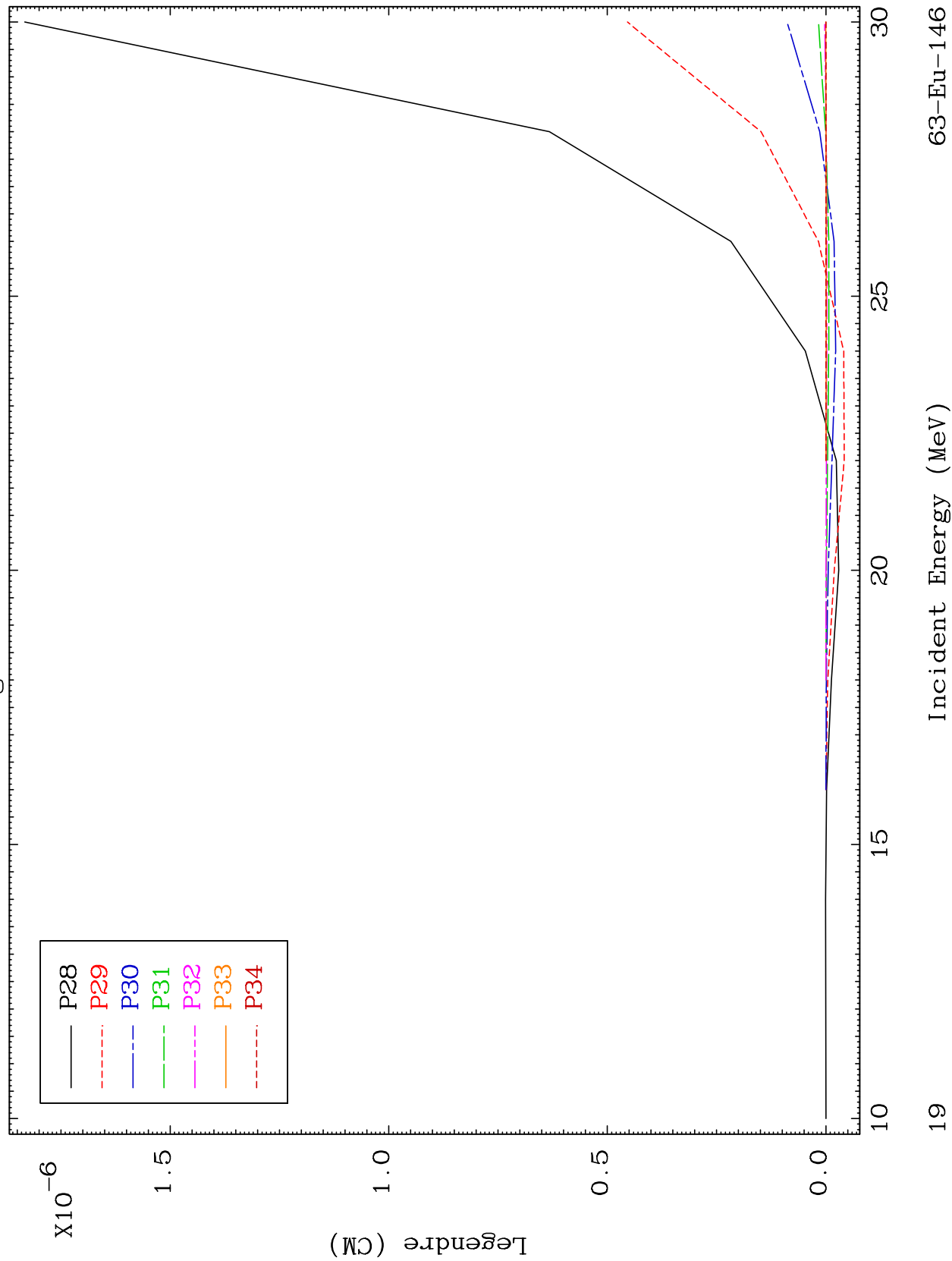
Incident Energy (MeV)

63-Eu-146

MAT 6310

Elastic
Legendre Coefficients

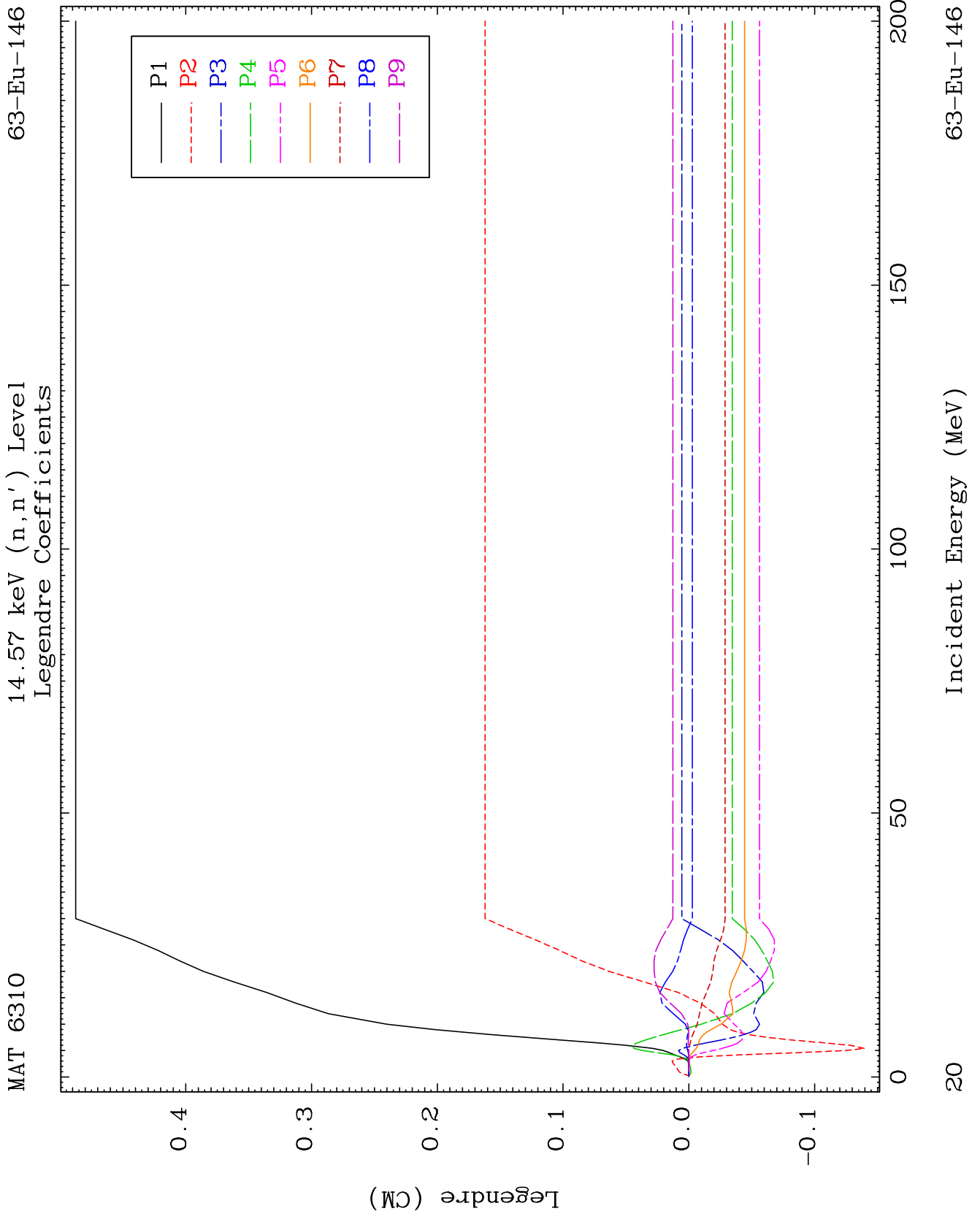
63-Eu-146



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Incident Energy (MeV)

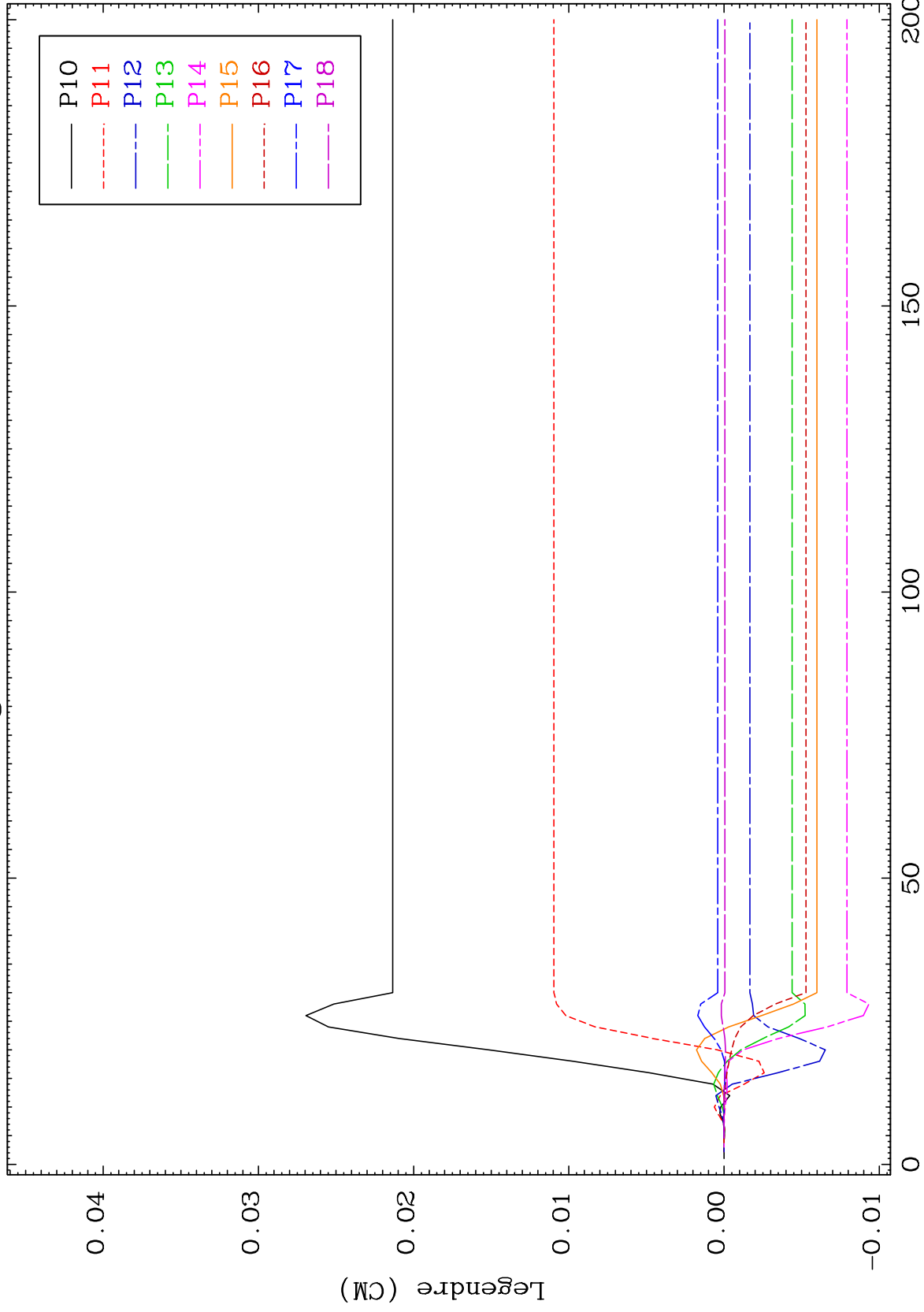
63-Eu-146



MAT 6310

14.57 keV (n,n') Level
Legendre Coefficients

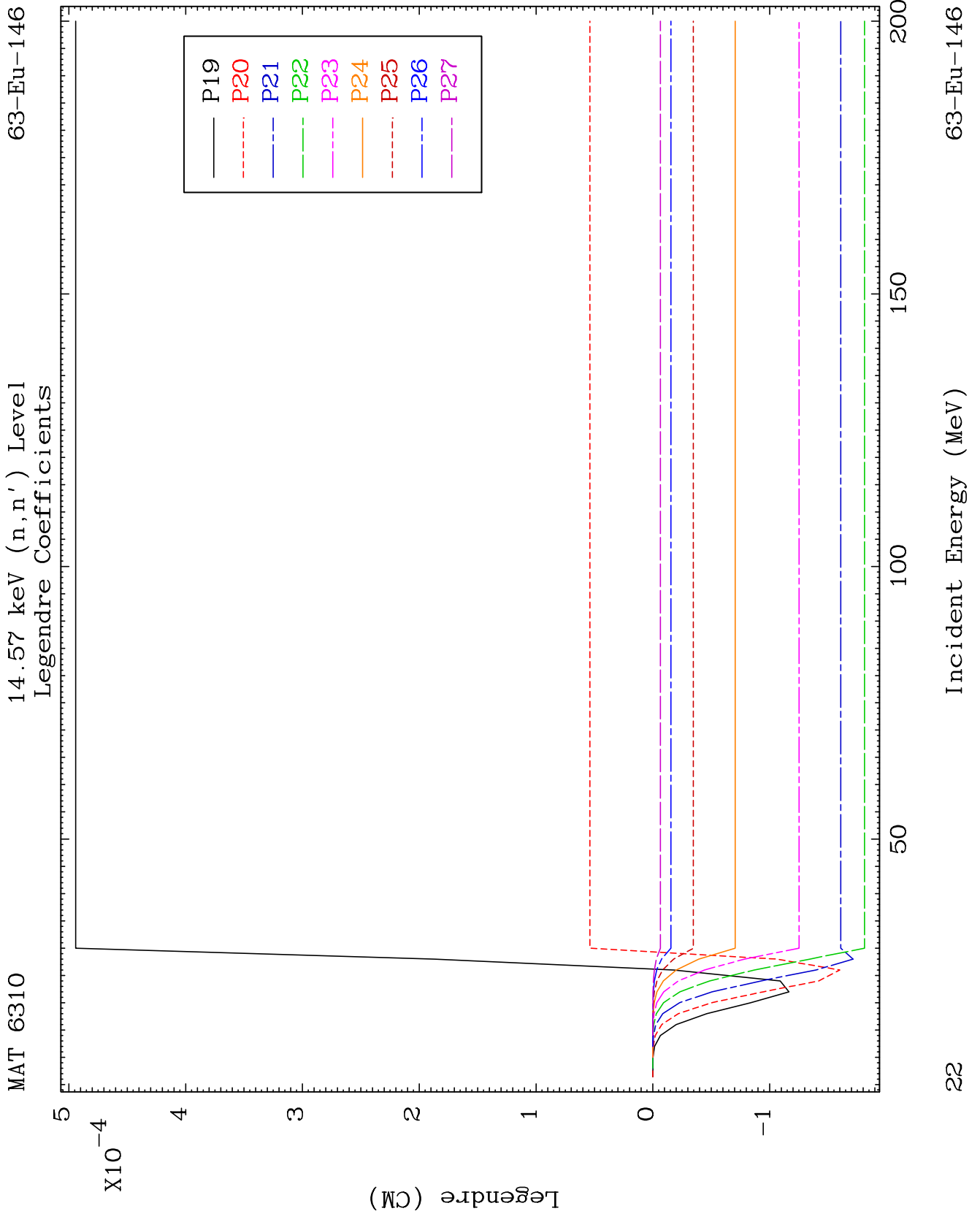
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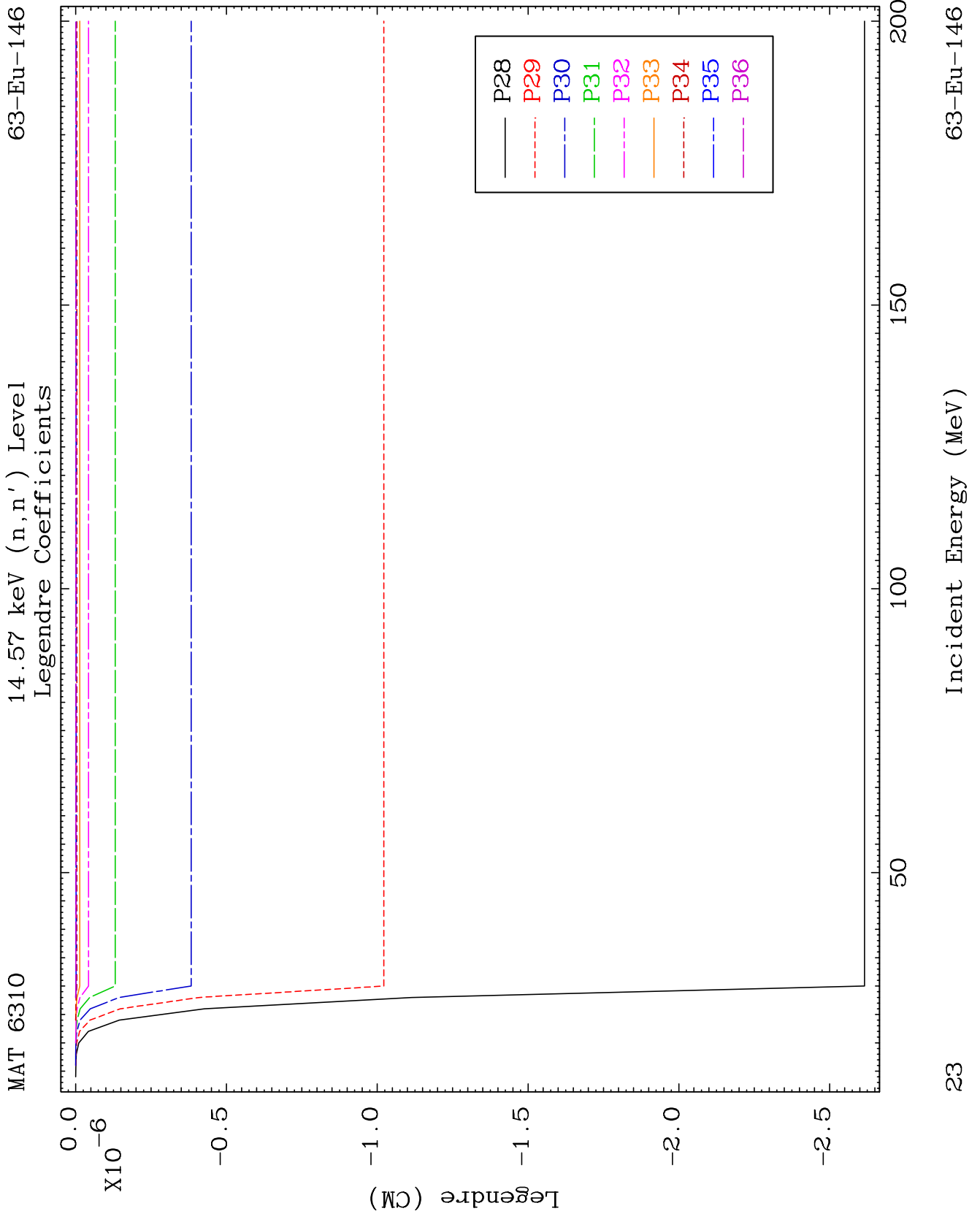


21

Incident Energy (MeV)

63-Eu-146

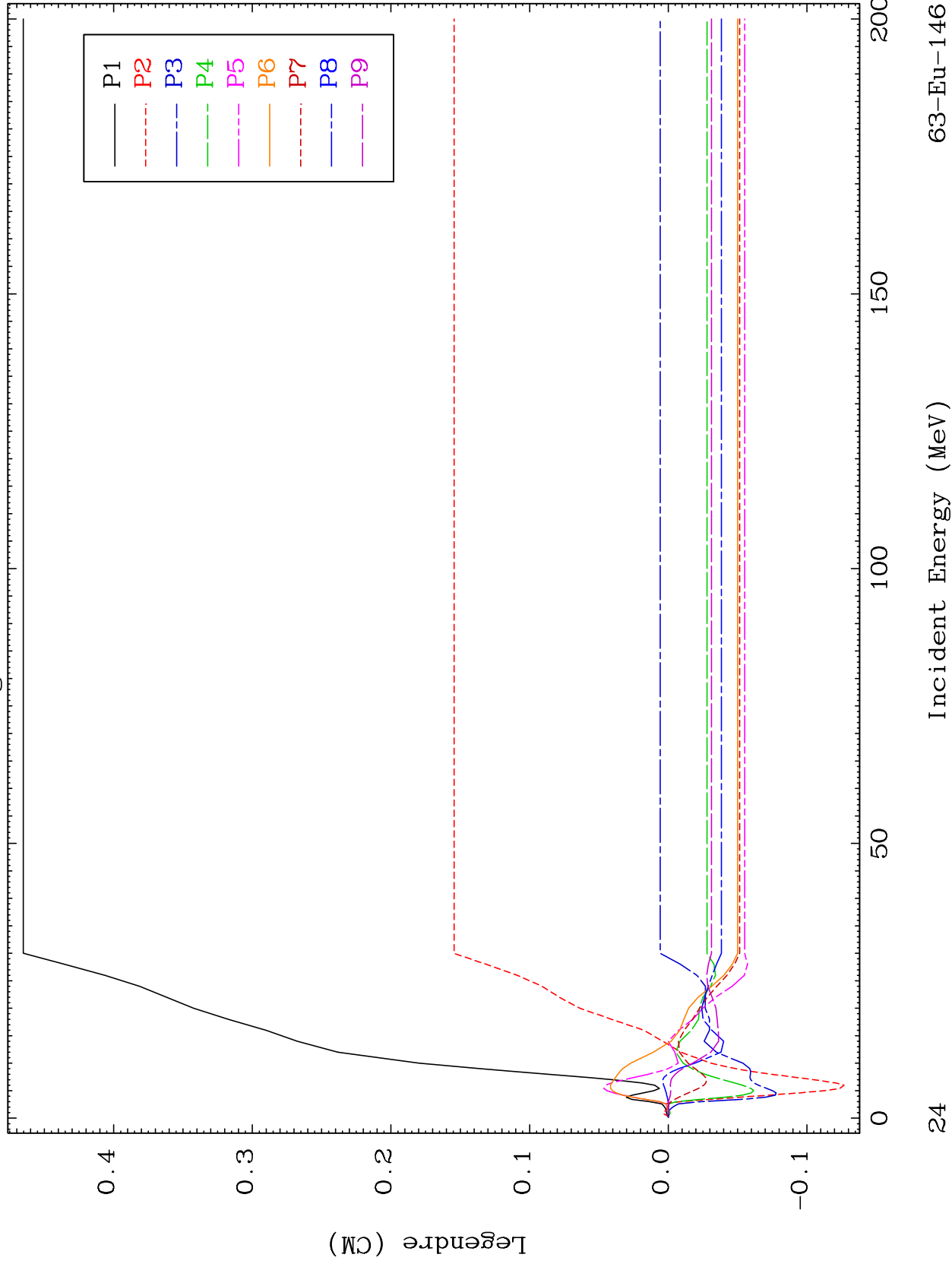




MAT 6310

114.7 keV (n,n') Level
Legendre Coefficients

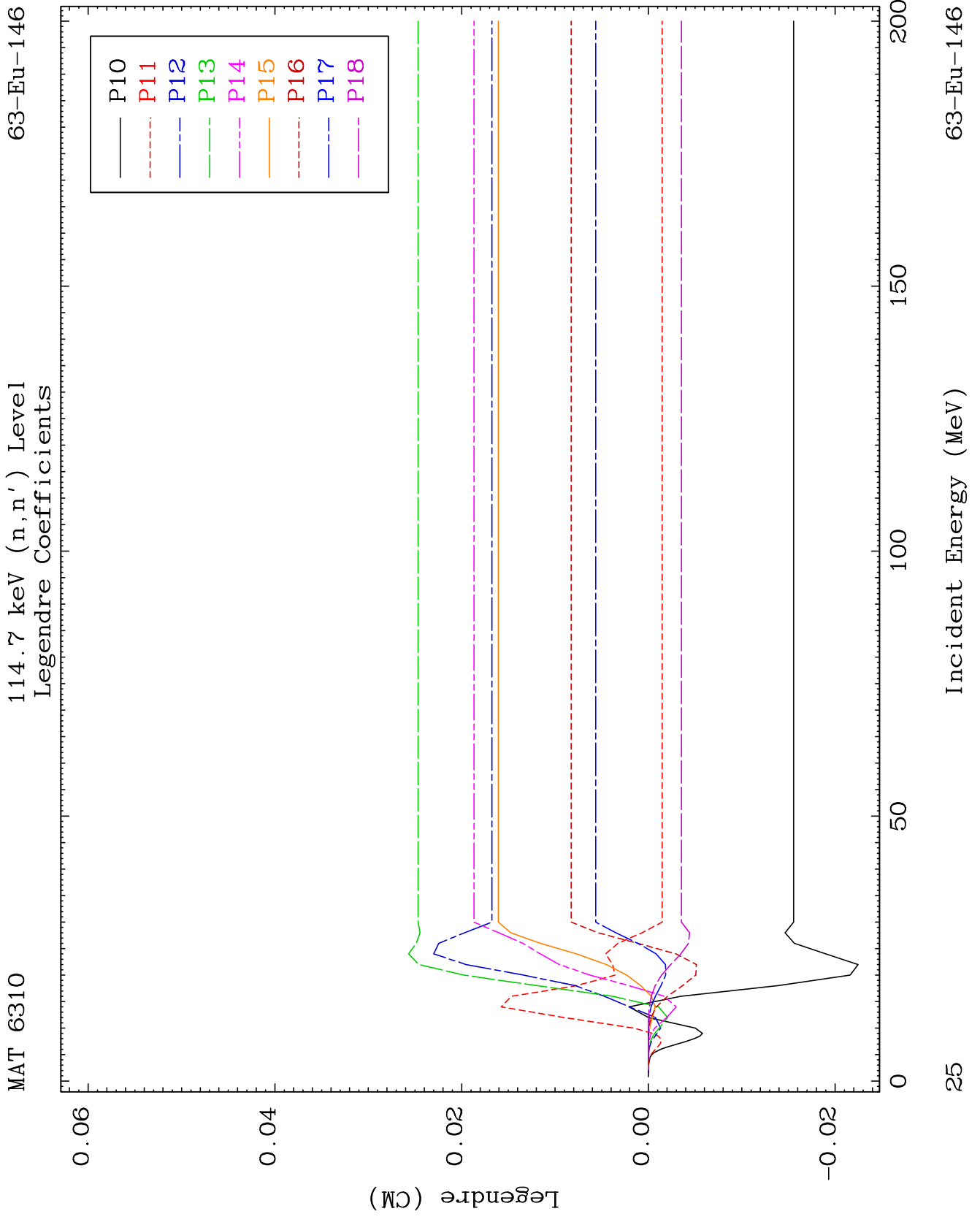
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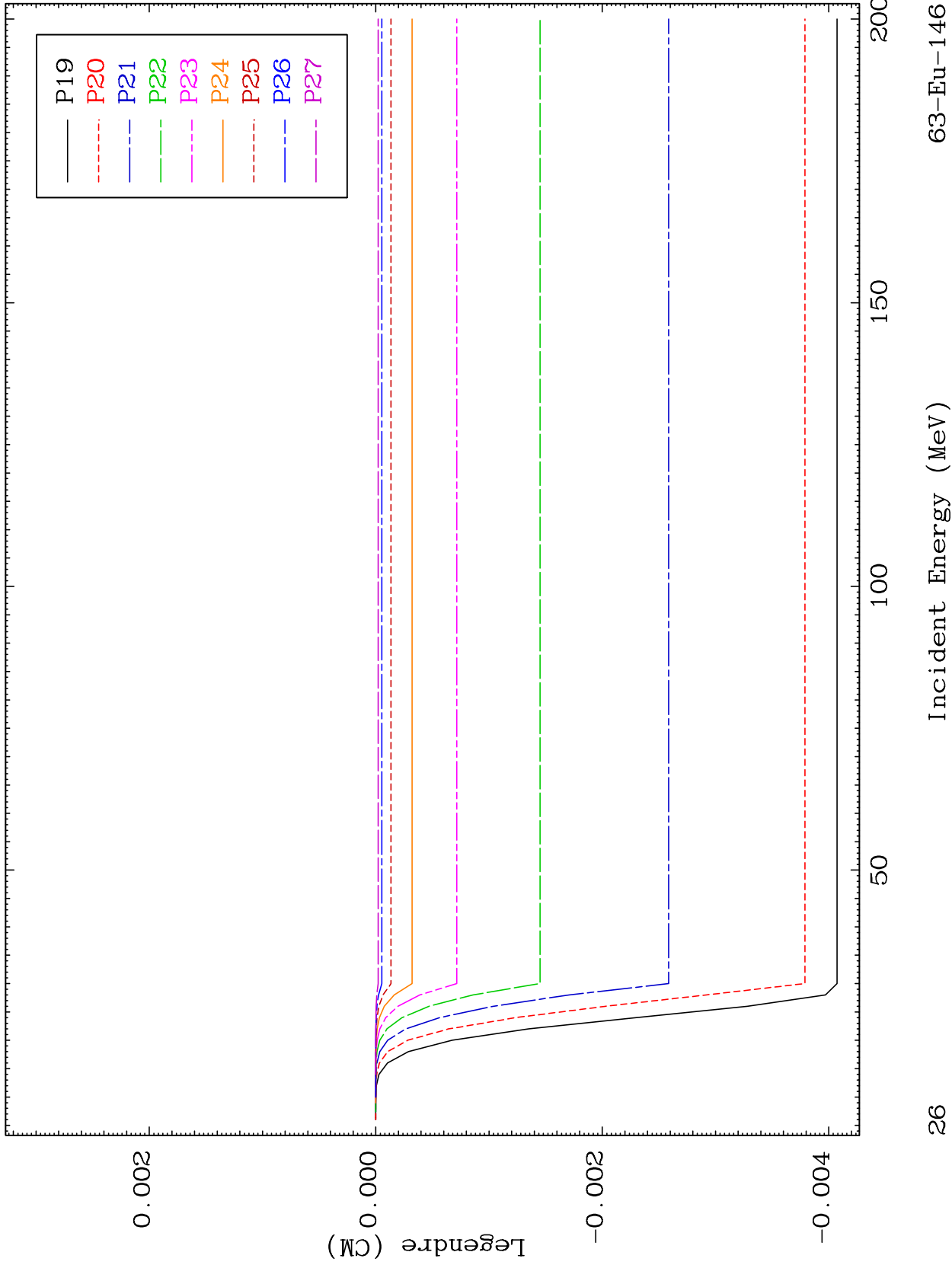


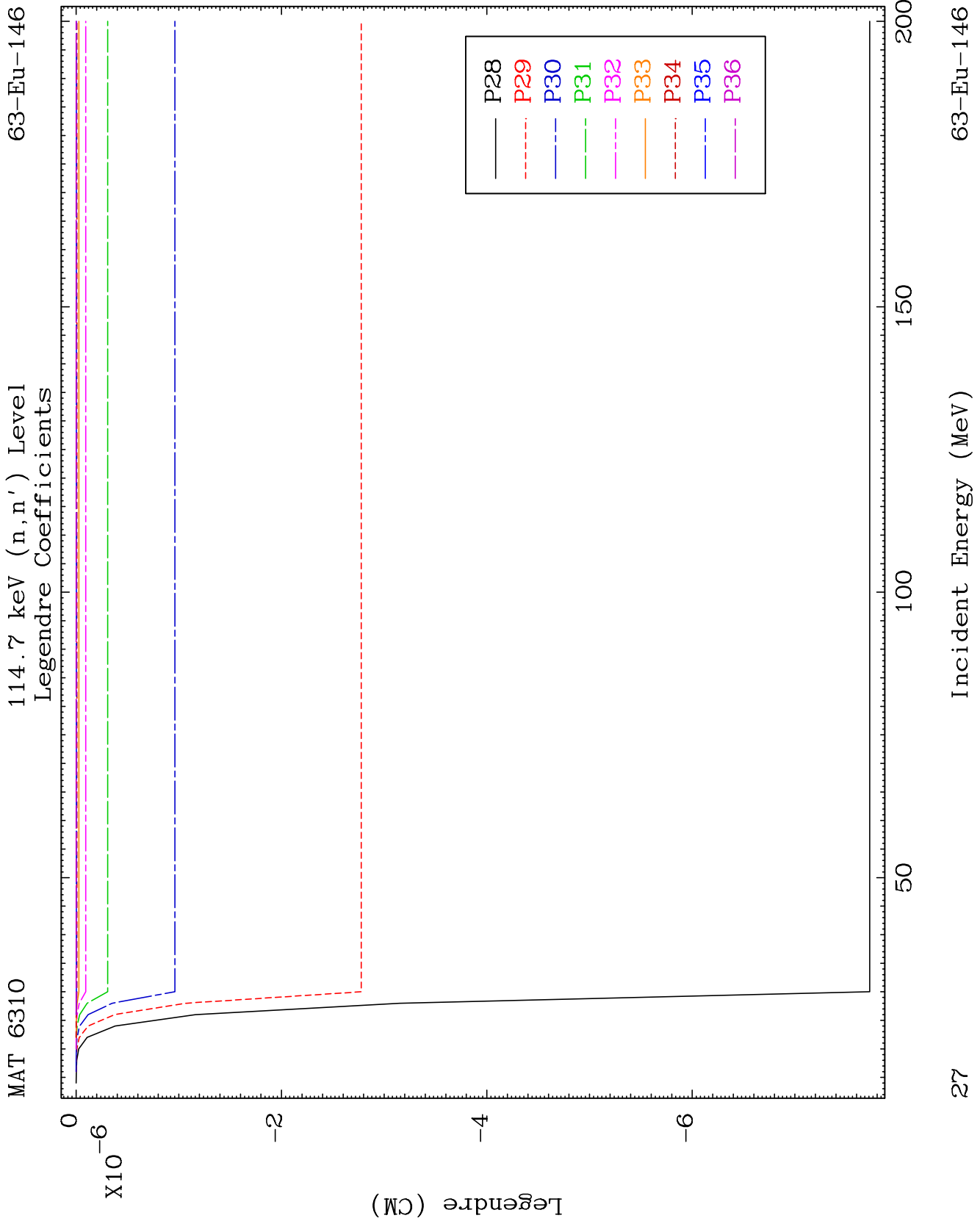
63-Eu-146

Incident Energy (MeV)

24



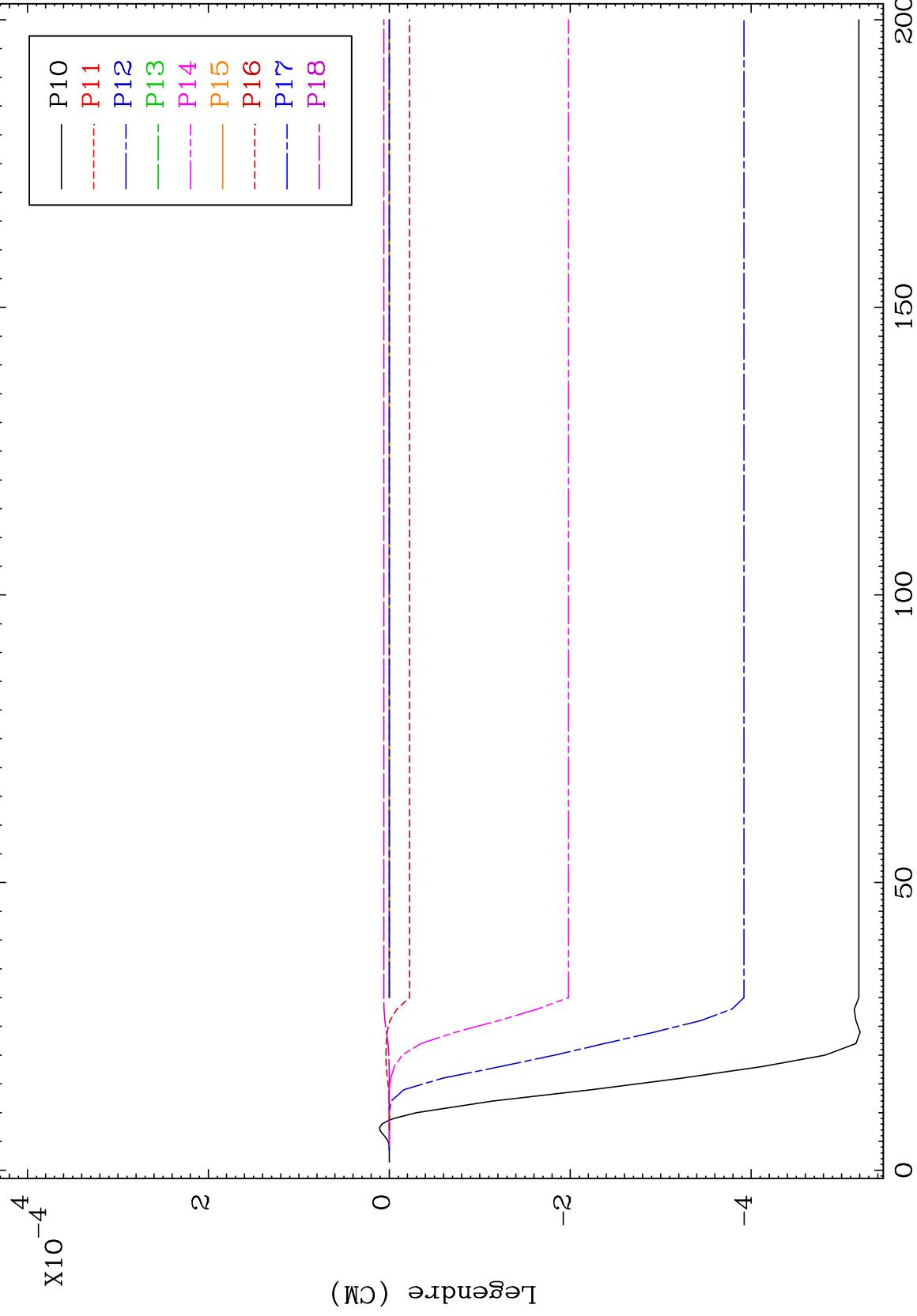




MAT 6310

230.2 keV (n,n') Level
Legendre Coefficients

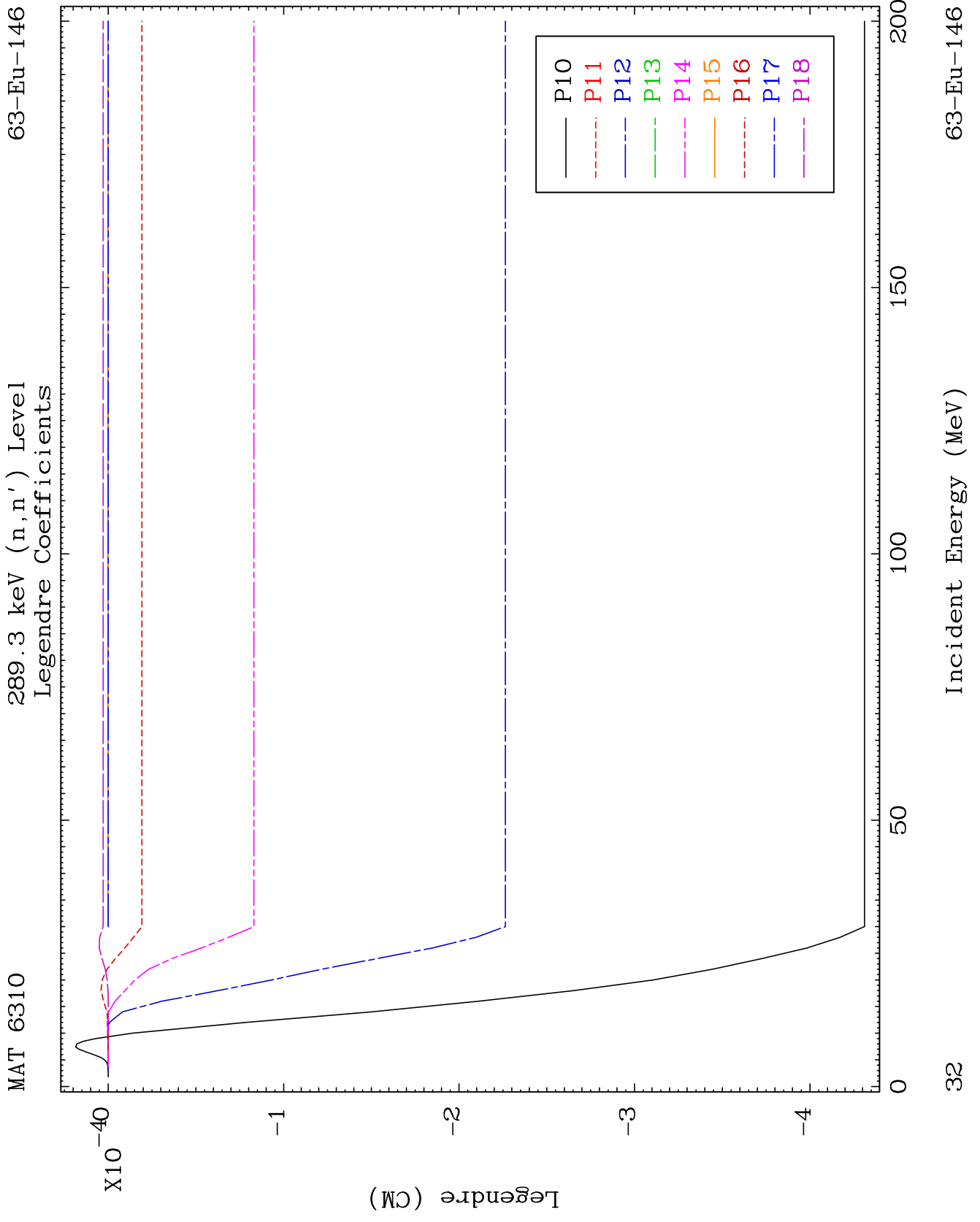
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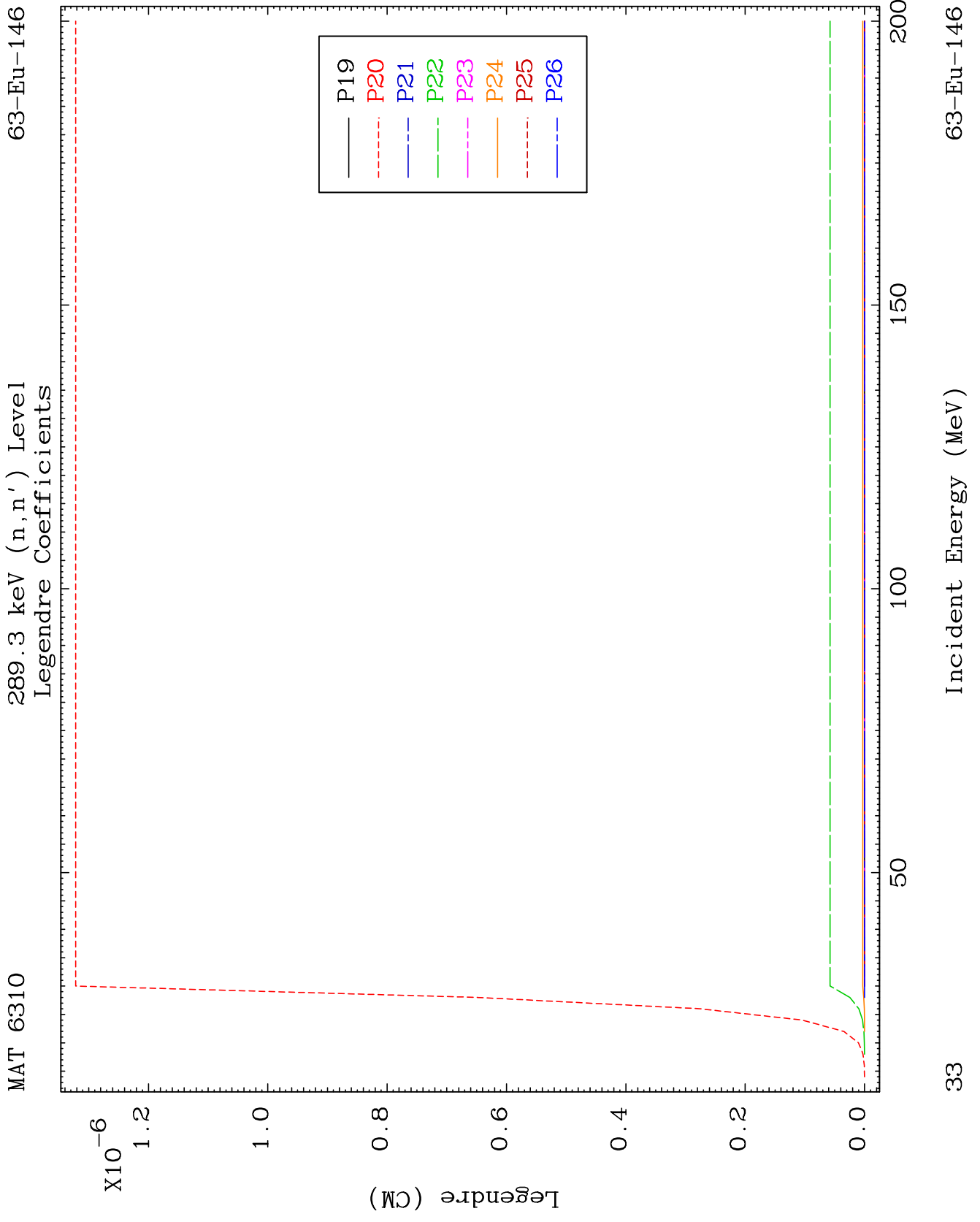


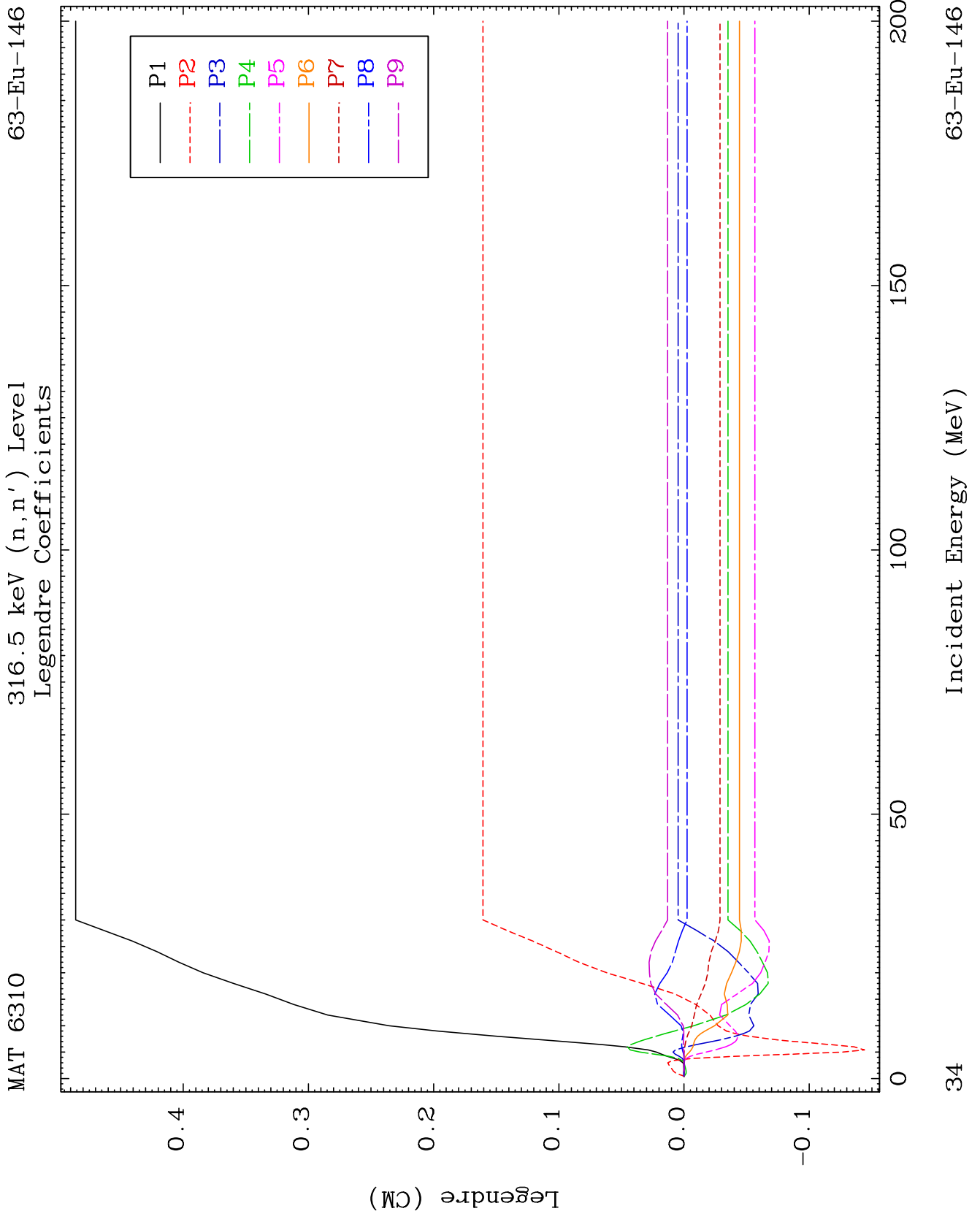
29

Incident Energy (MeV)

63-Eu-146



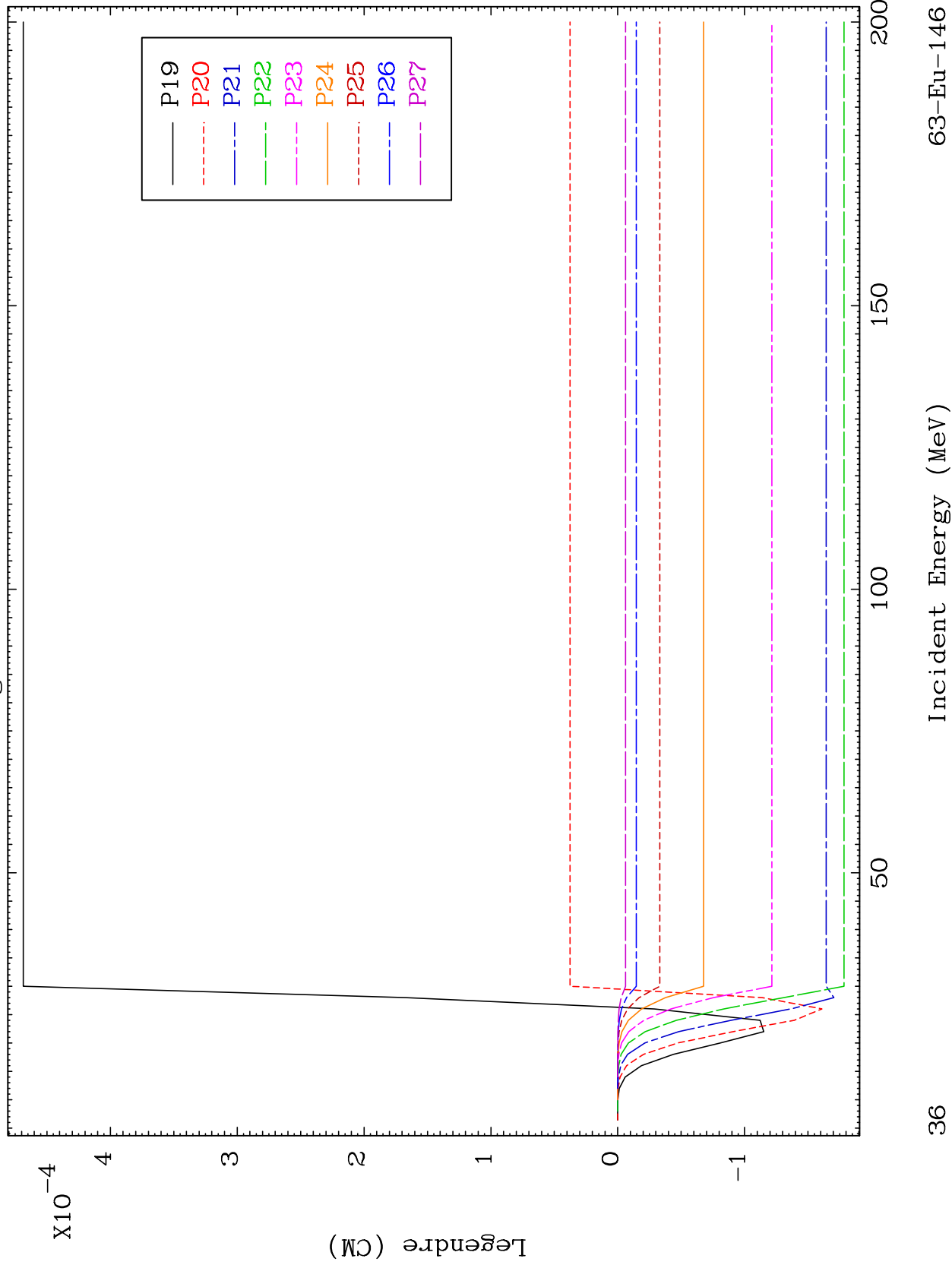




MAT 6310

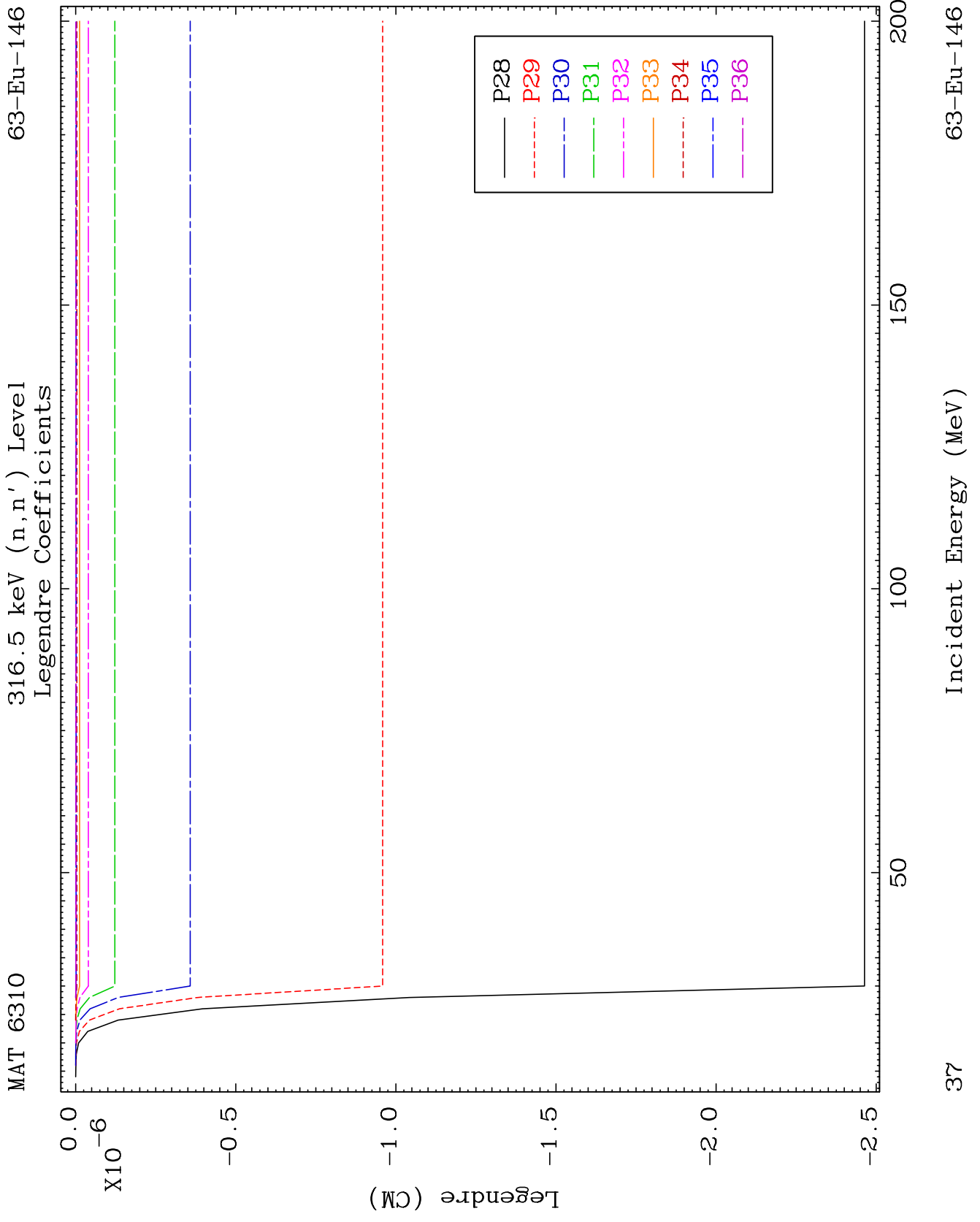
316.5 keV (n, n') Level
Legendre Coefficients

63-Eu-146



36

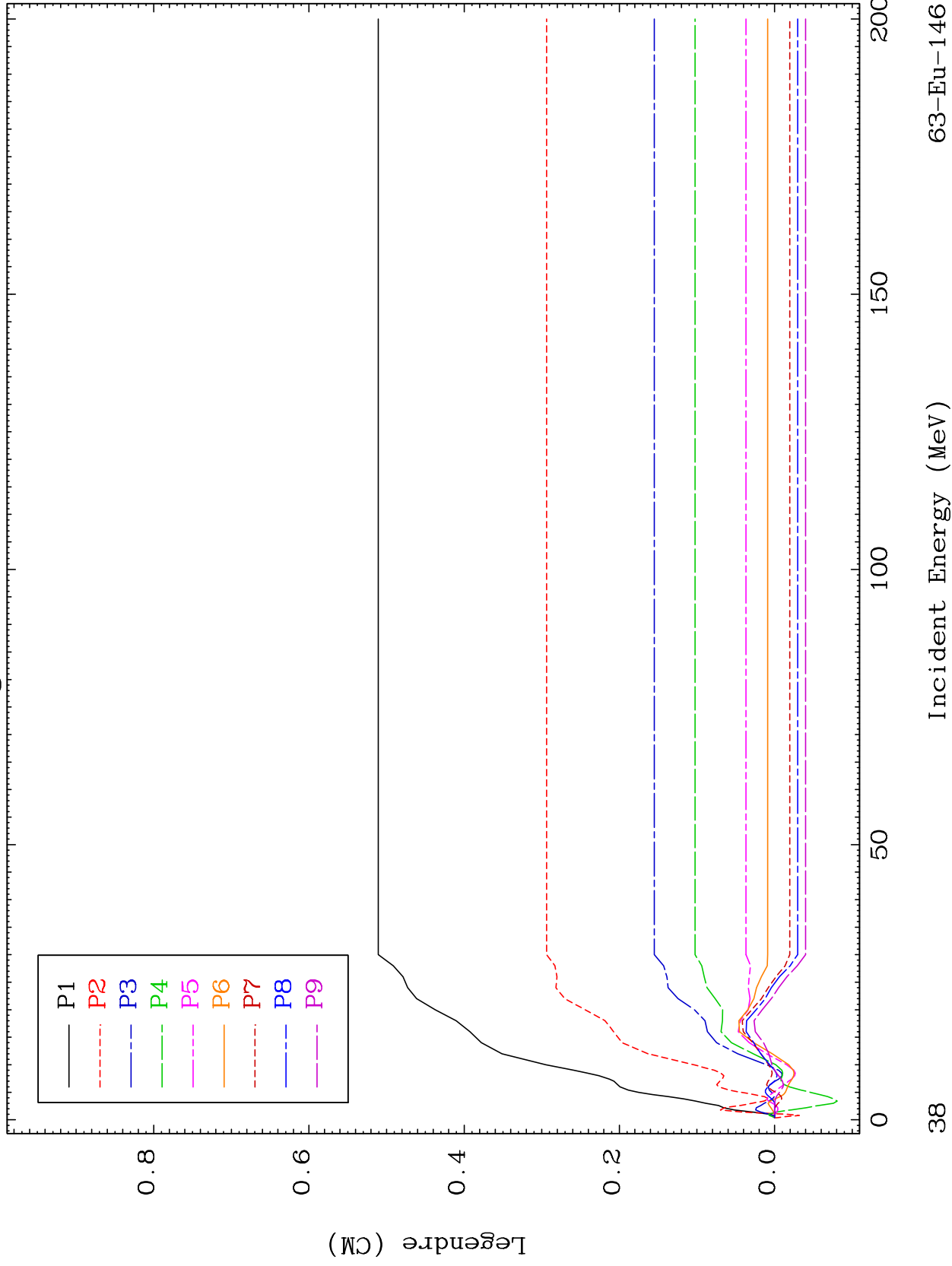
63-Eu-146



MAT 6310

331.1 keV (n,n') Level
Legendre Coefficients

63-Eu-146



63-Eu-146

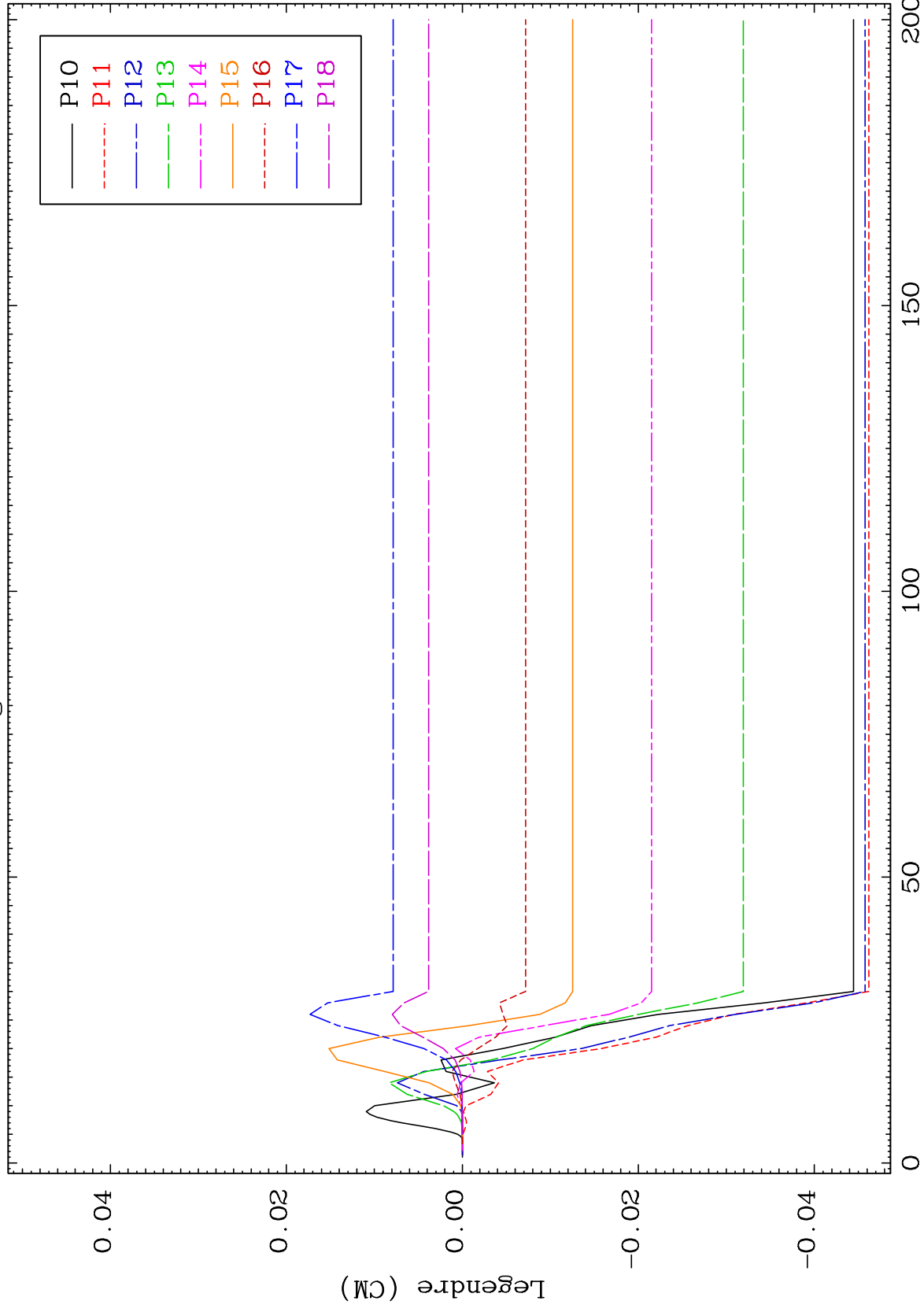
Incident Energy (MeV)

38

MAT 6310

331.1 keV (n,n') Level
Legendre Coefficients

63-Eu-146



39

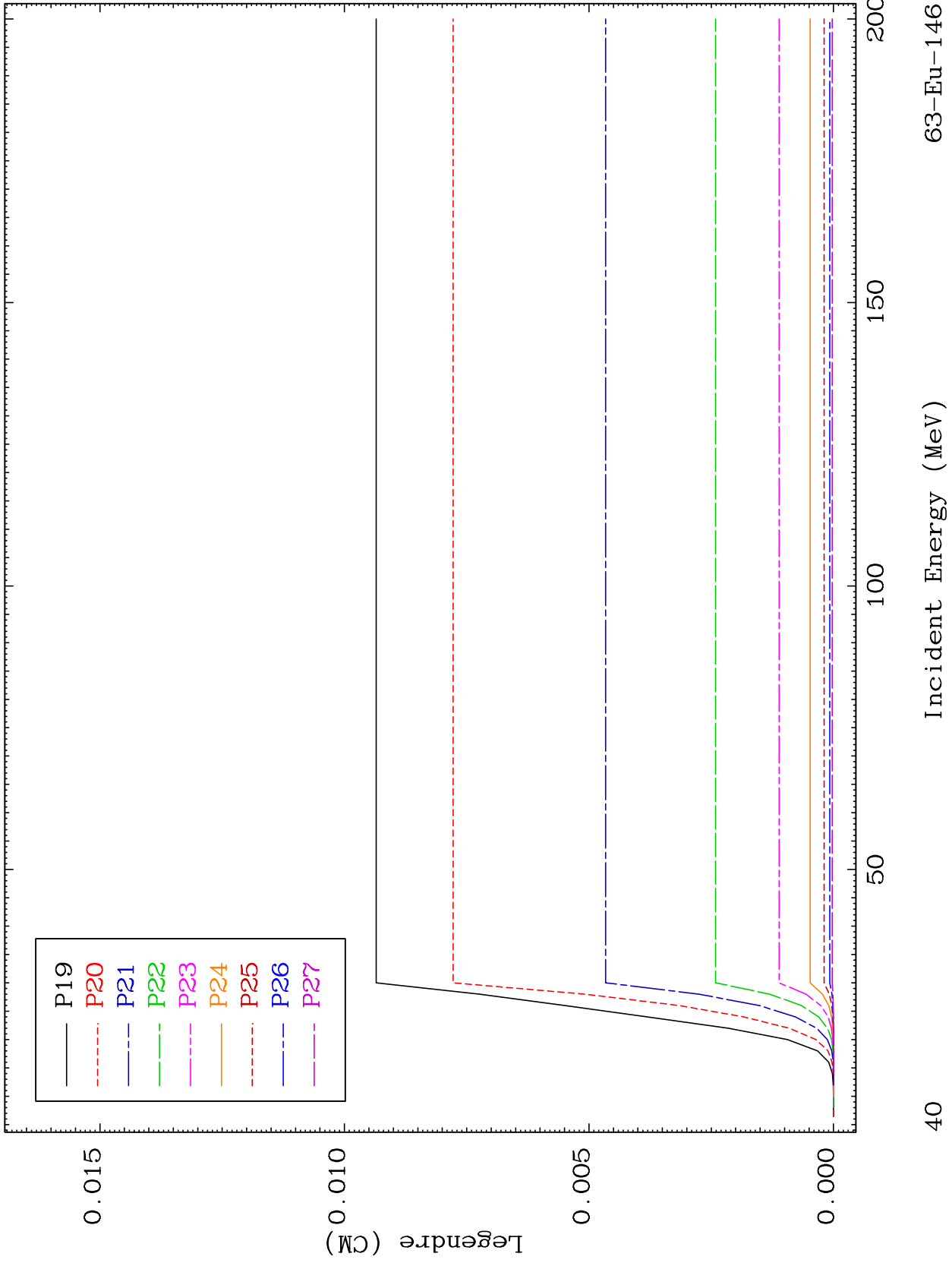
Incident Energy (MeV)

63-Eu-146

MAT 6310

331.1 keV (n,n') Level
Legendre Coefficients

63-Eu-146



63-Eu-146

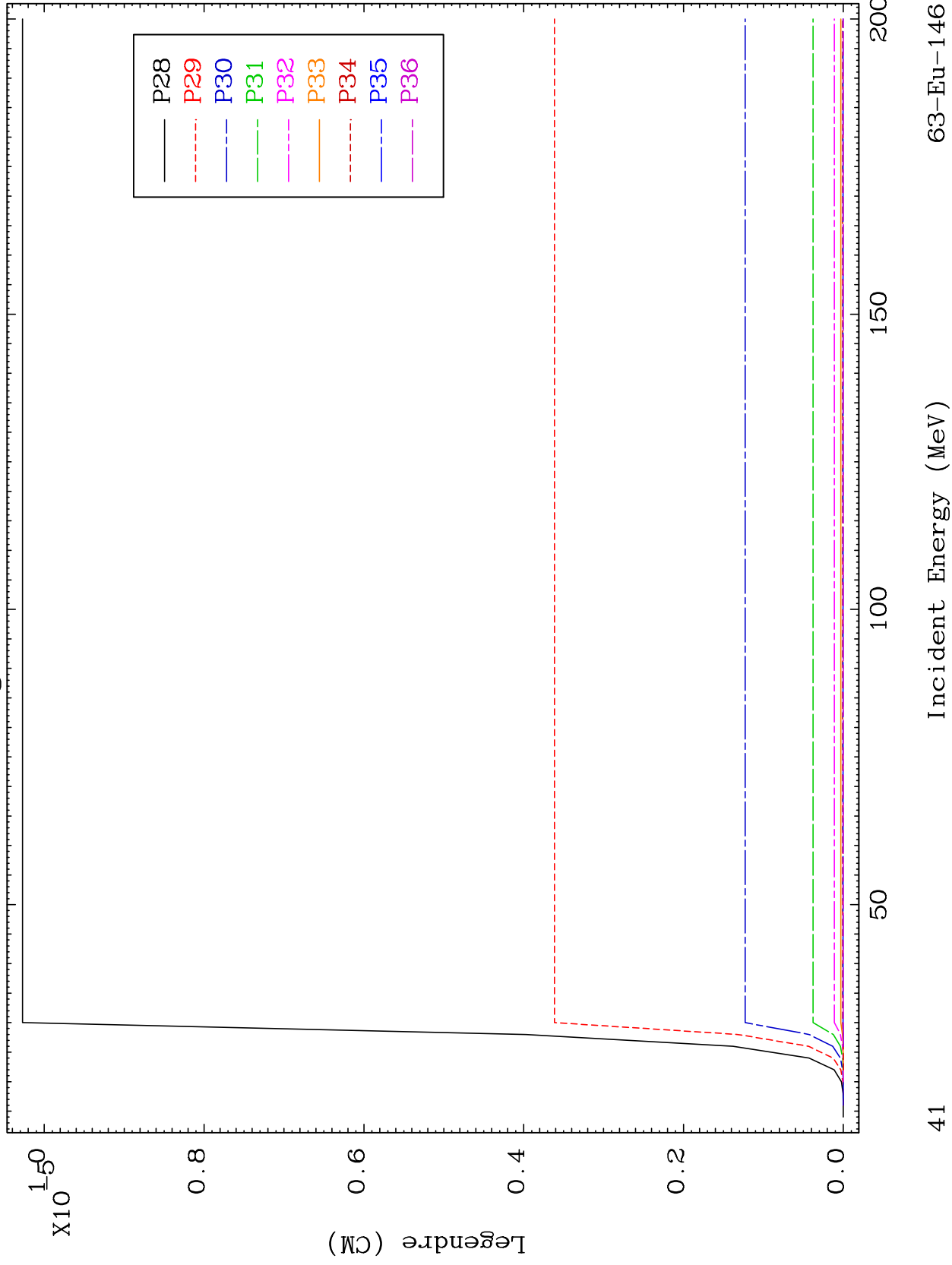
Incident Energy (MeV)

40

MAT 6310

331.1 keV (n,n') Level
Legendre Coefficients

63-Eu-146

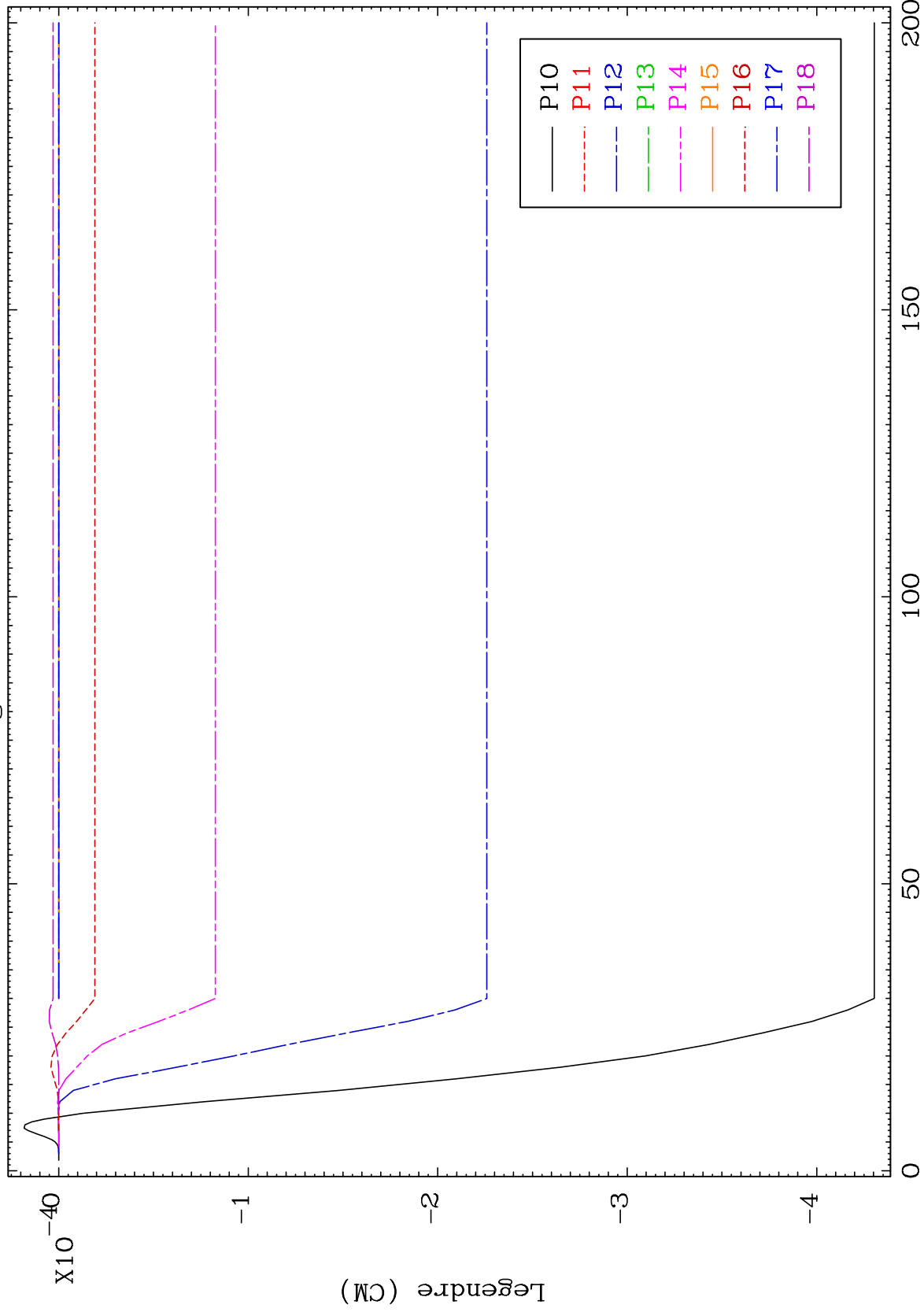


41

MAT 6310

372.7 keV (n,n') Level
Legendre Coefficients

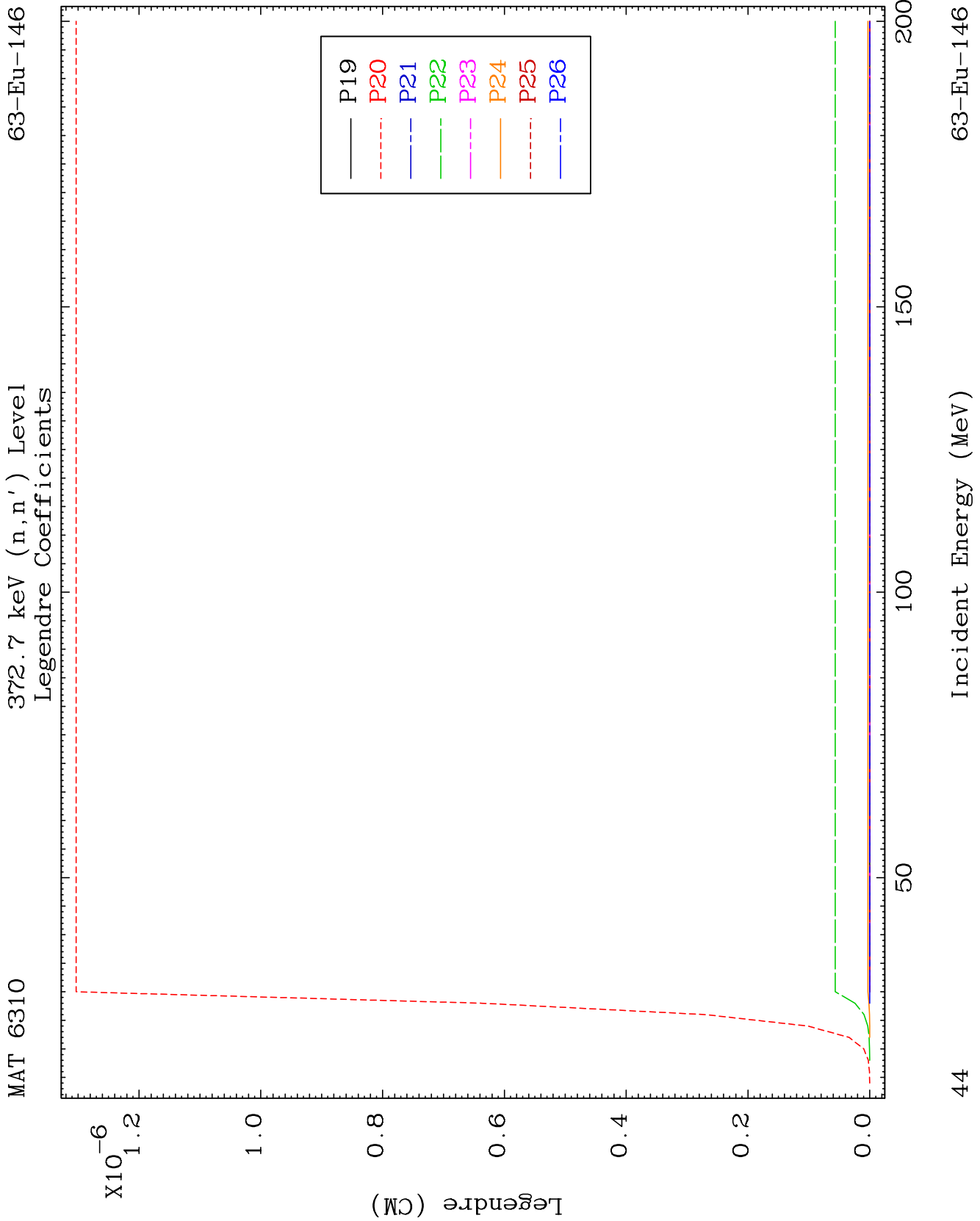
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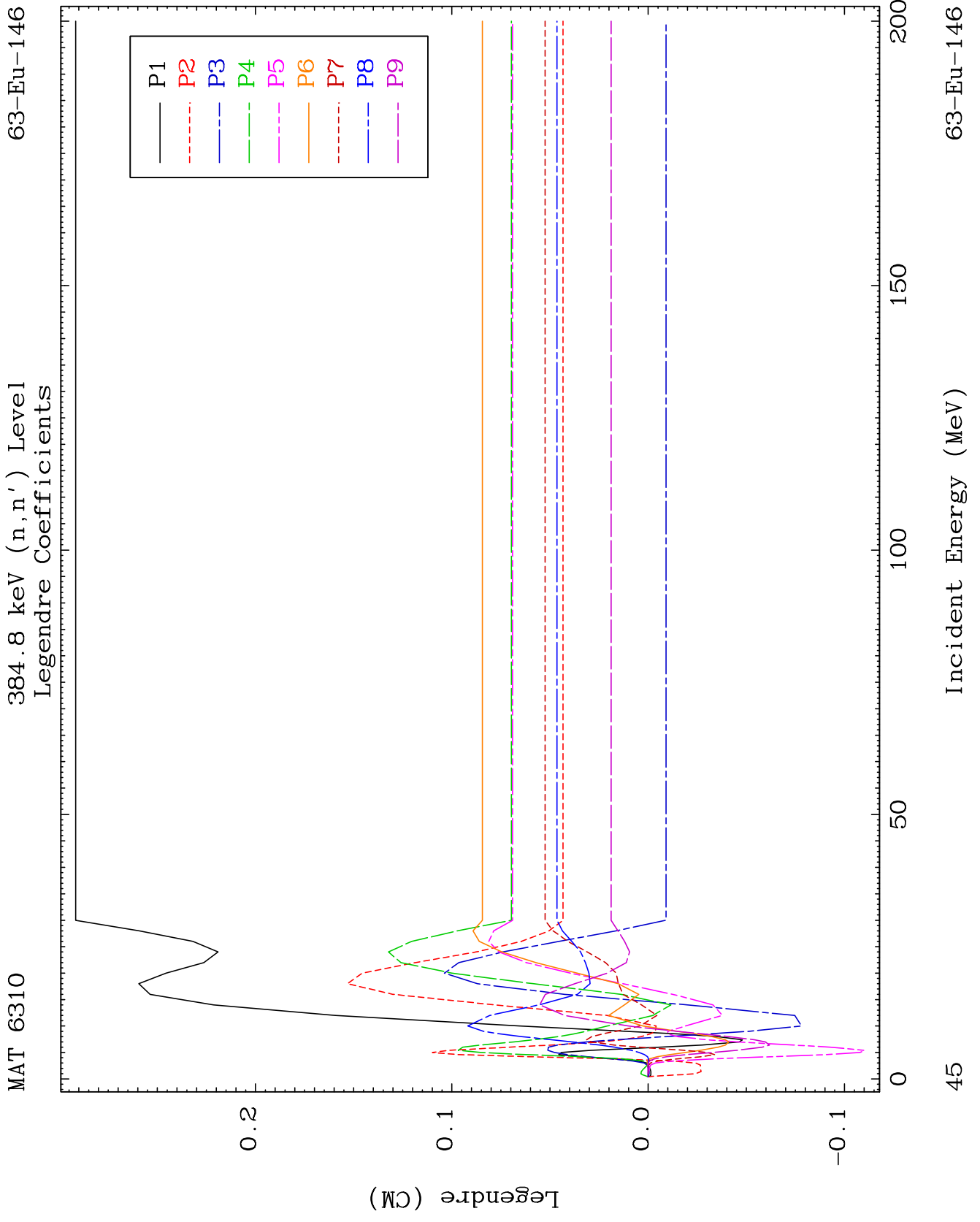


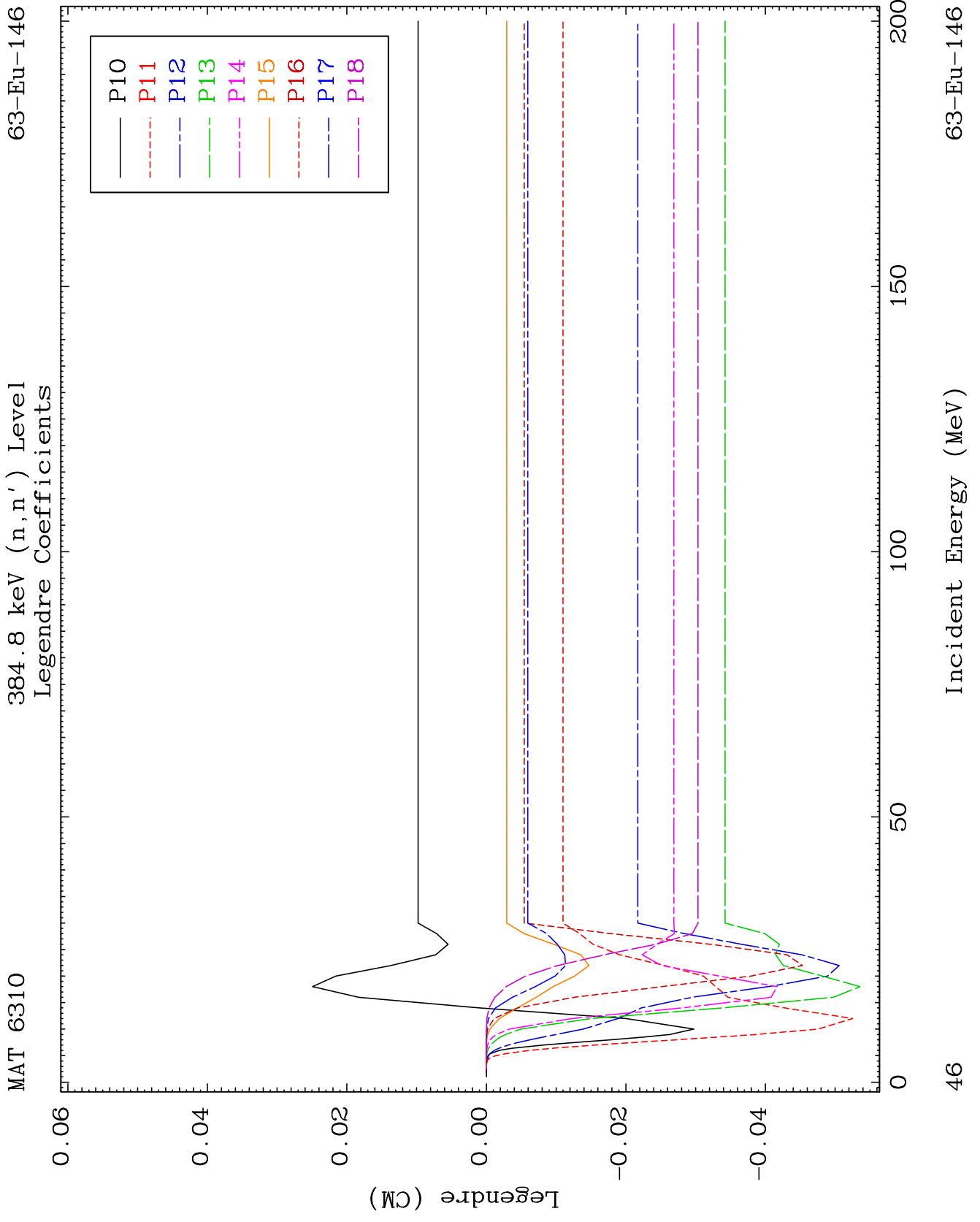
43

Incident Energy (MeV)

63-Eu-146



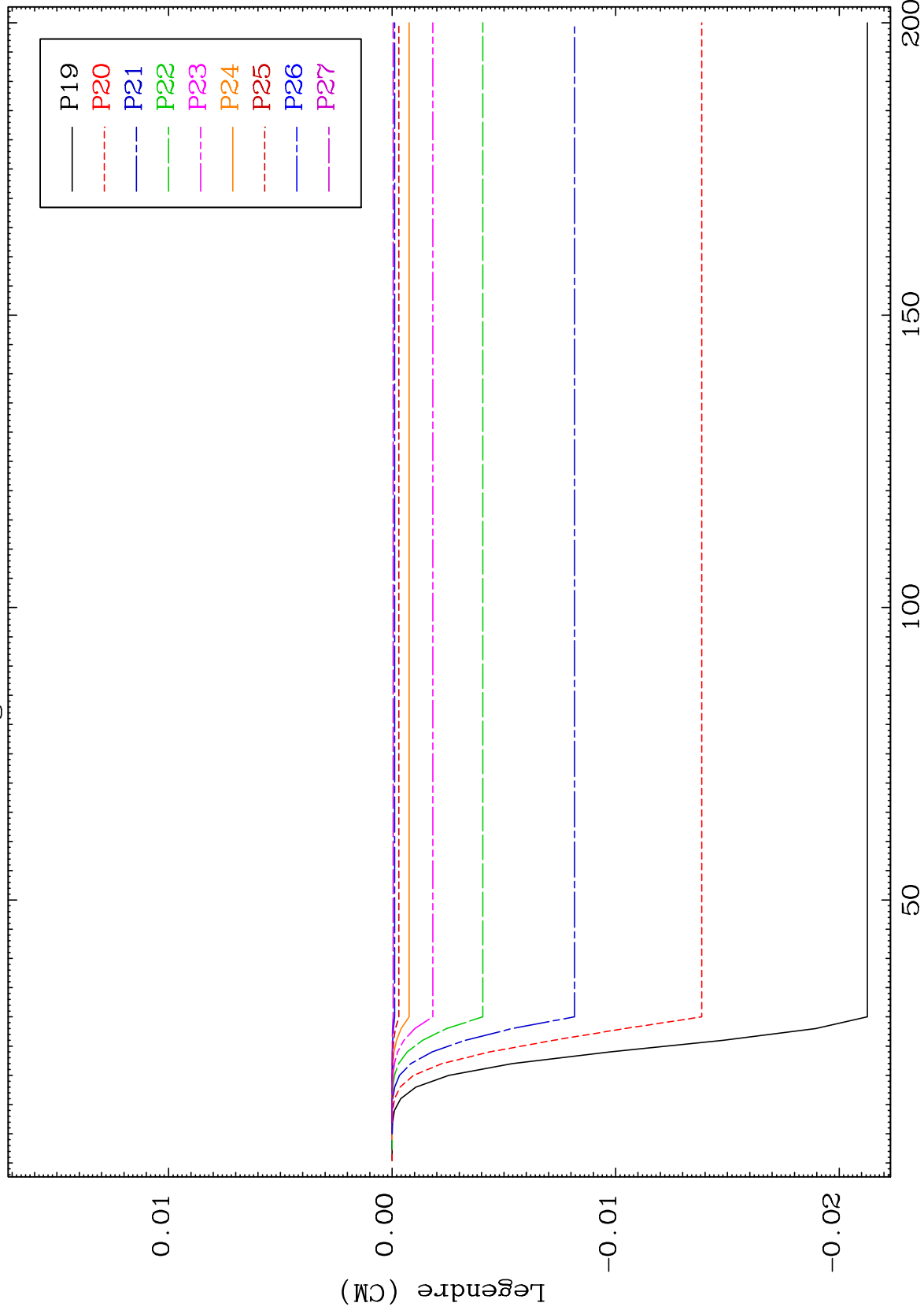




MAT 6310

384.8 keV (n,n') Level
Legendre Coefficients

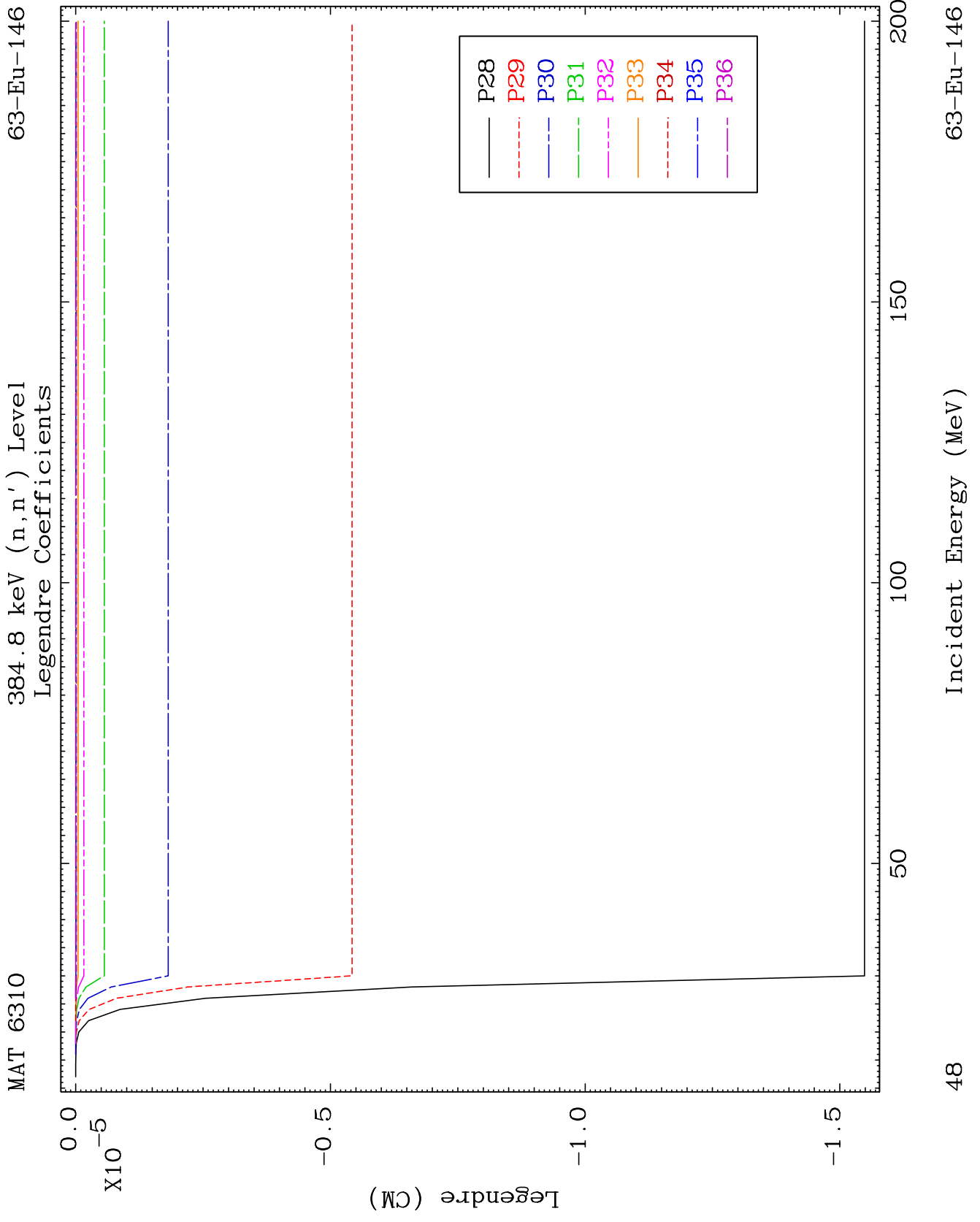
63-Eu-146



47

Incident Energy (MeV)

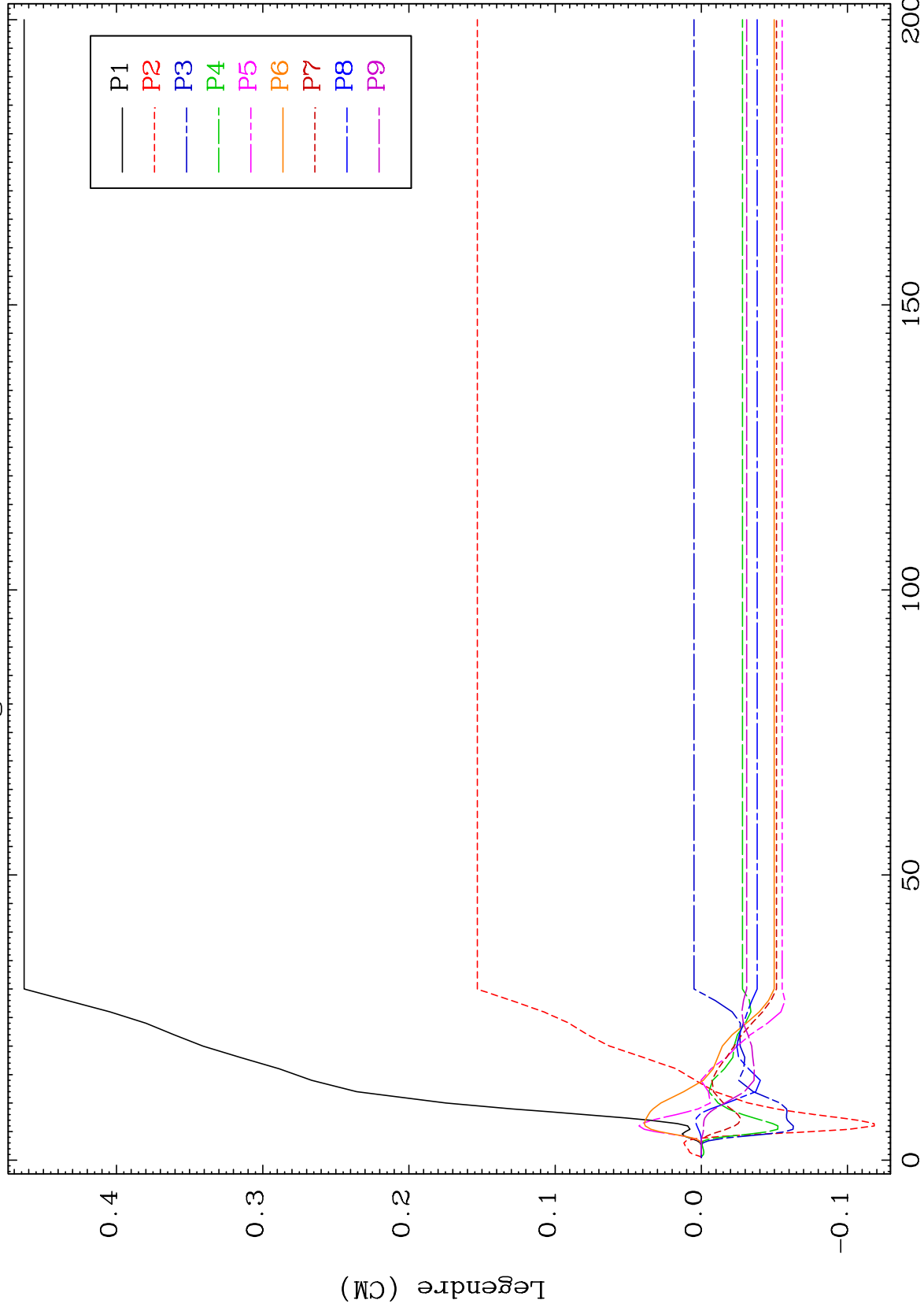
63-Eu-146



MAT 6310

421.6 keV (n,n') Level
Legendre Coefficients

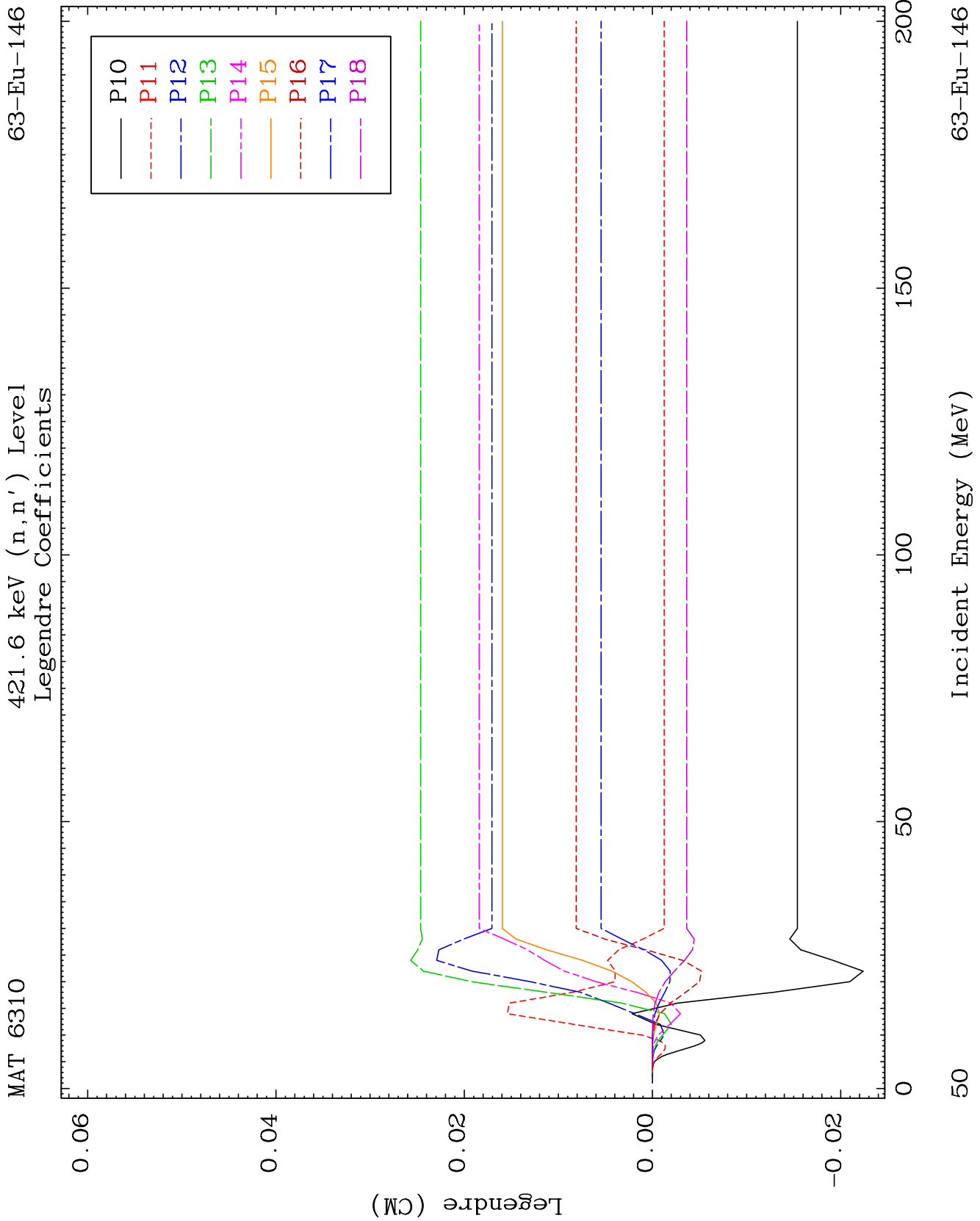
63-Eu-146



49

Incident Energy (MeV)

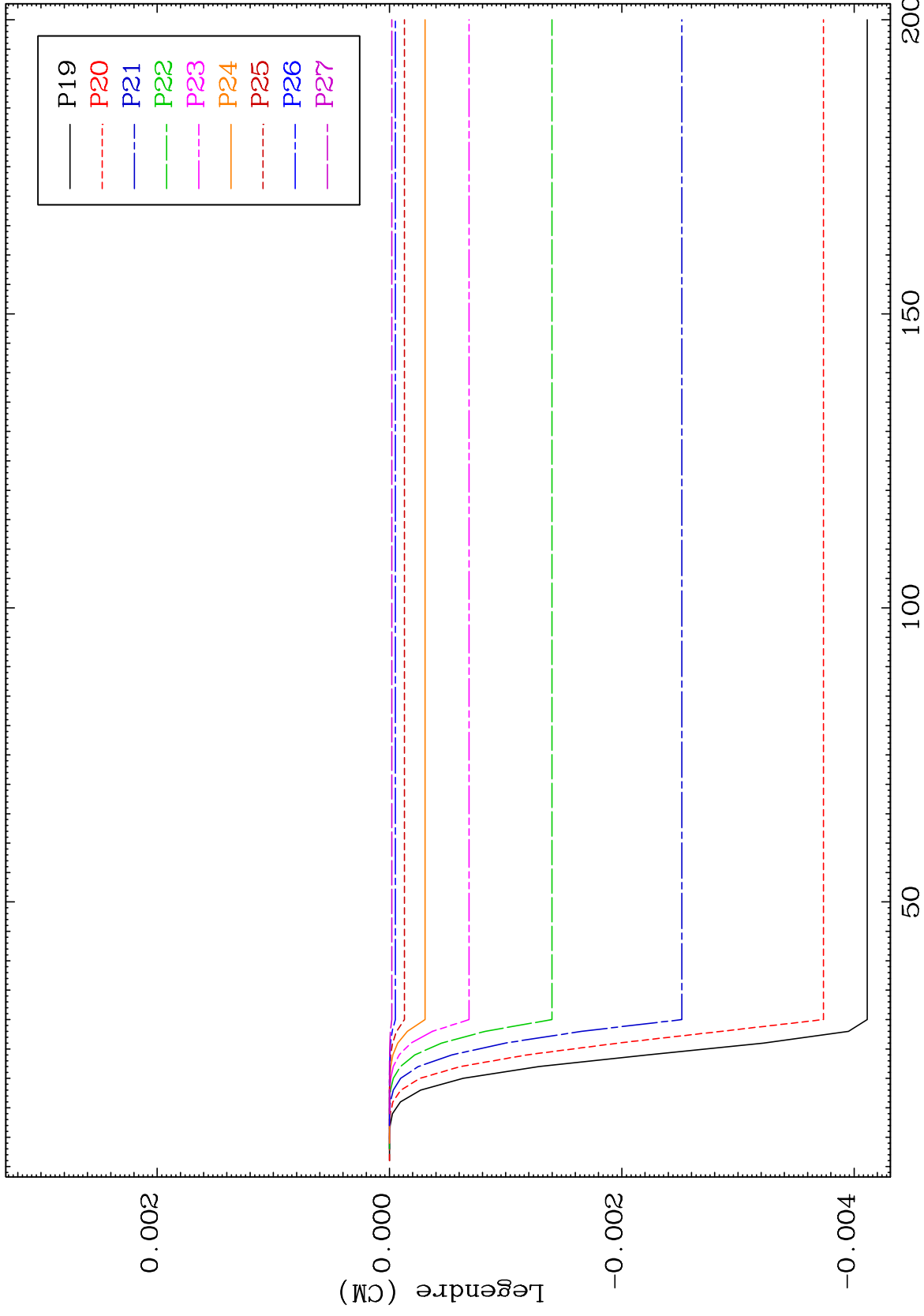
63-Eu-146



MAT 6310

421.6 keV (n,n') Level
Legendre Coefficients

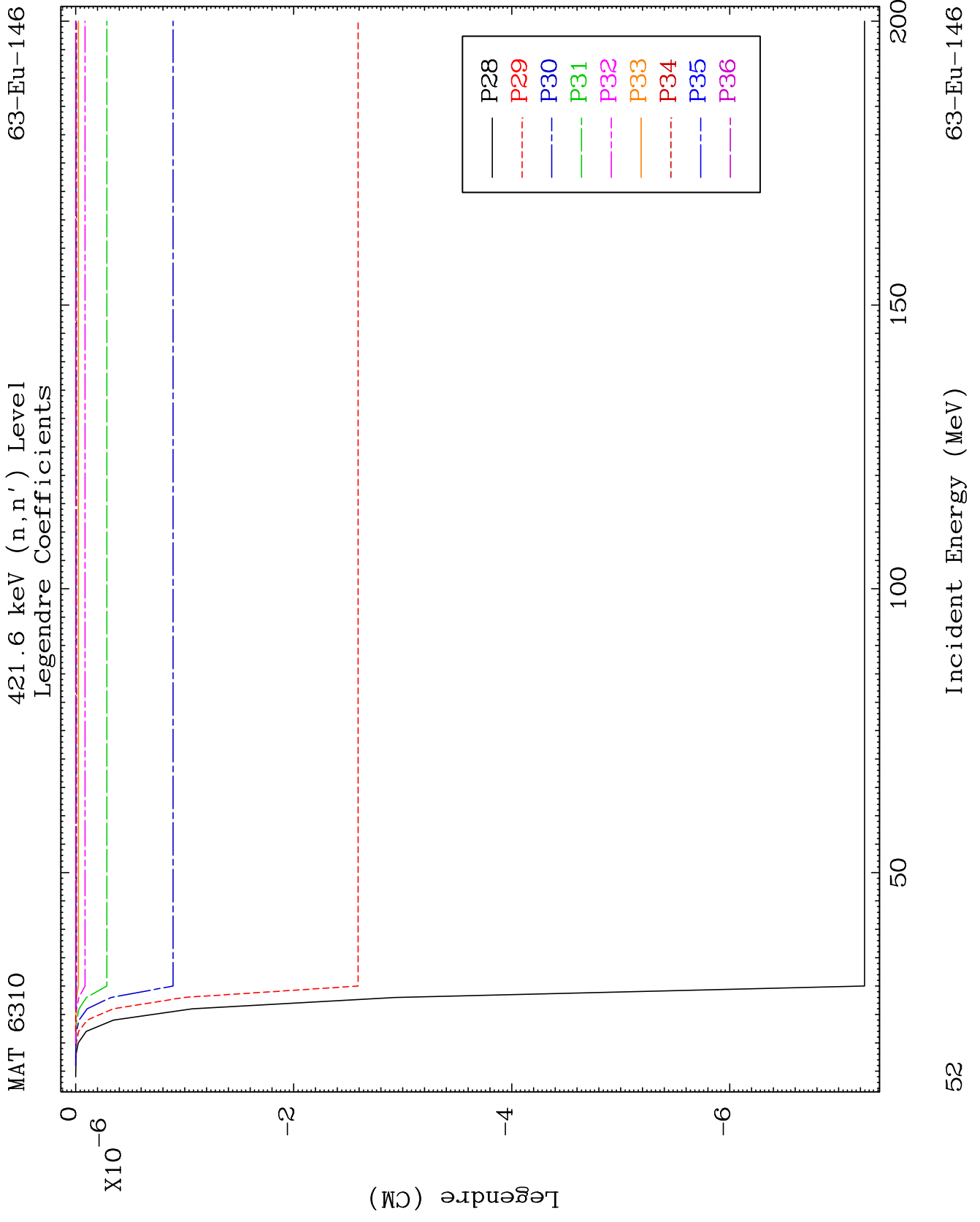
63-Eu-146

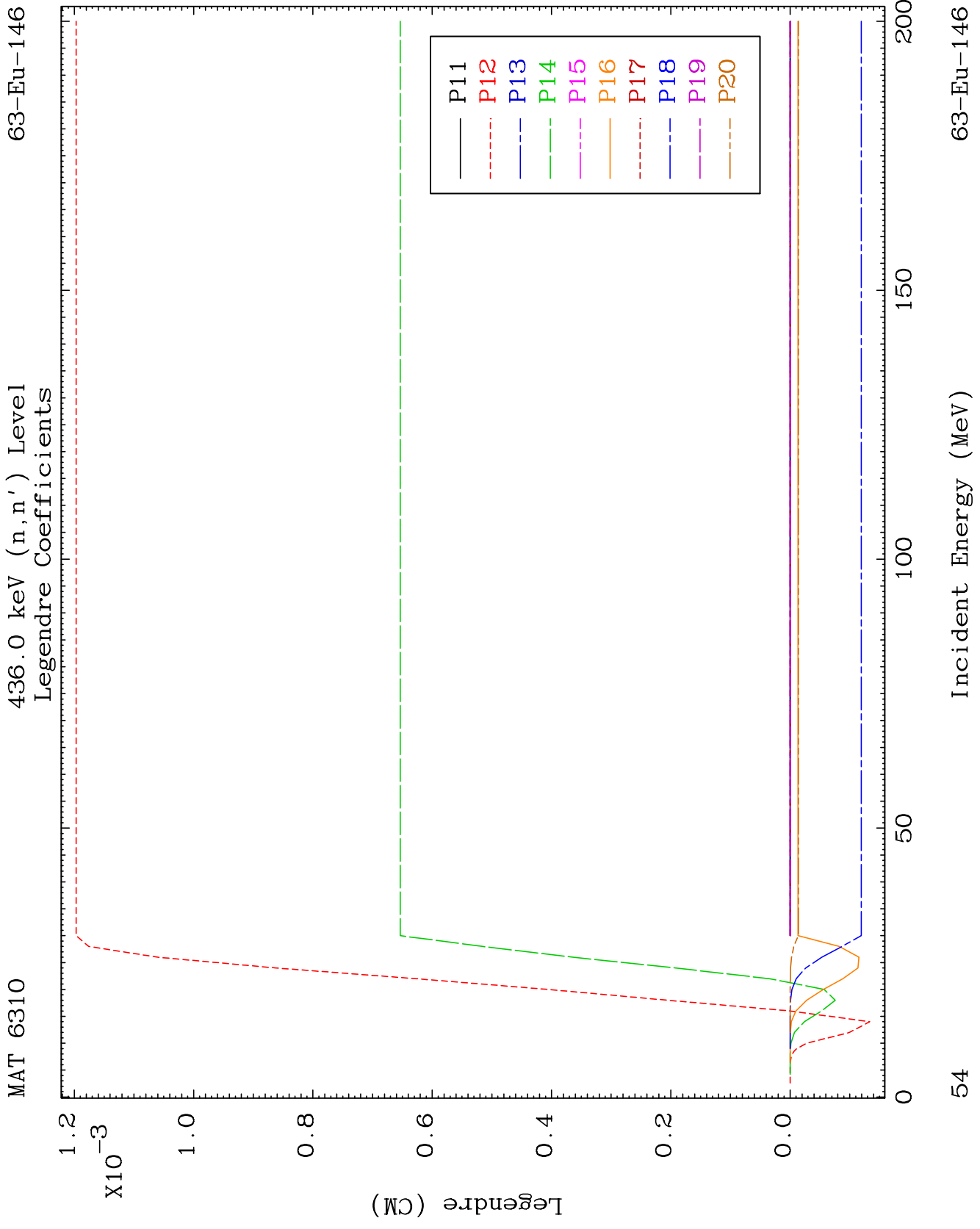


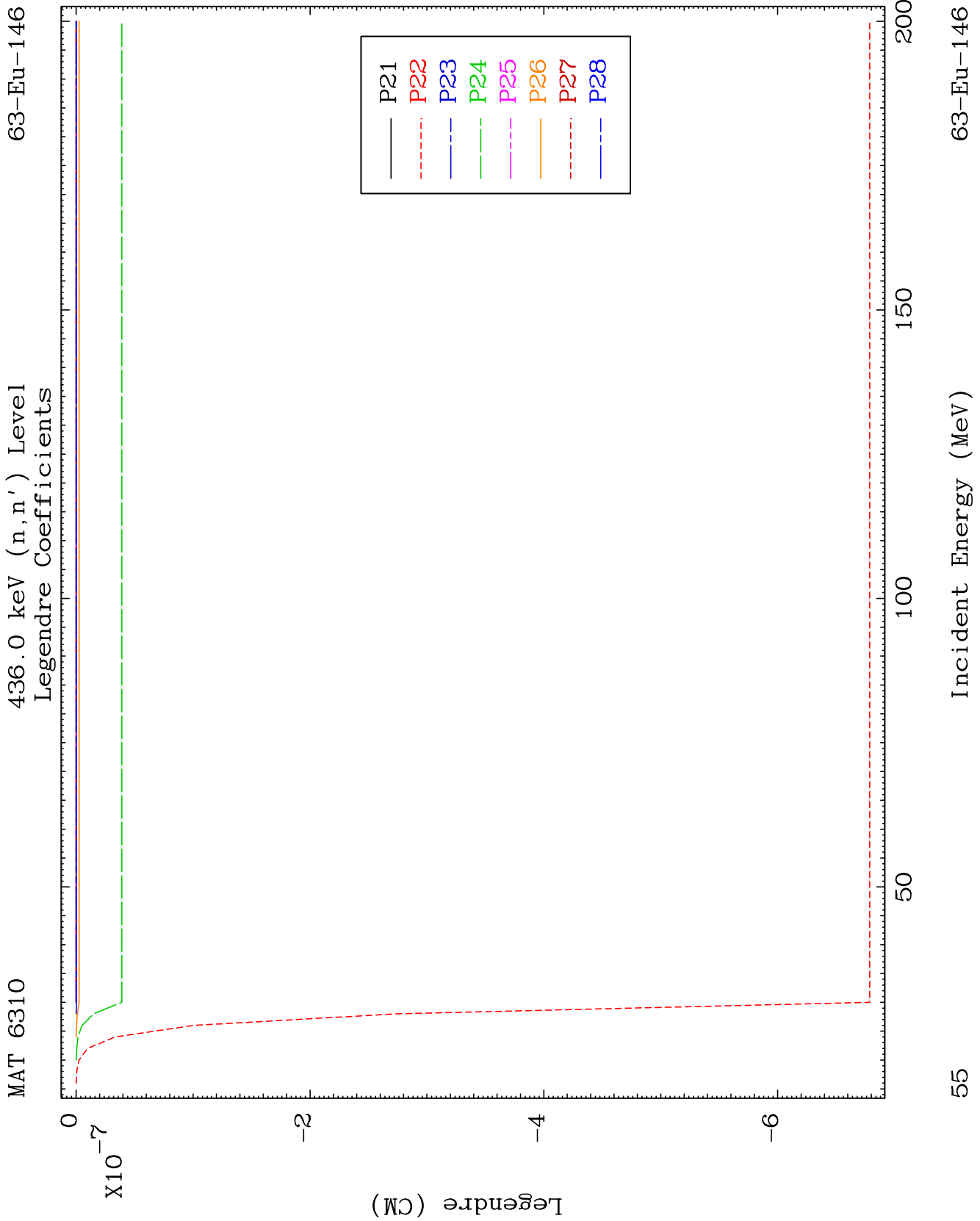
51

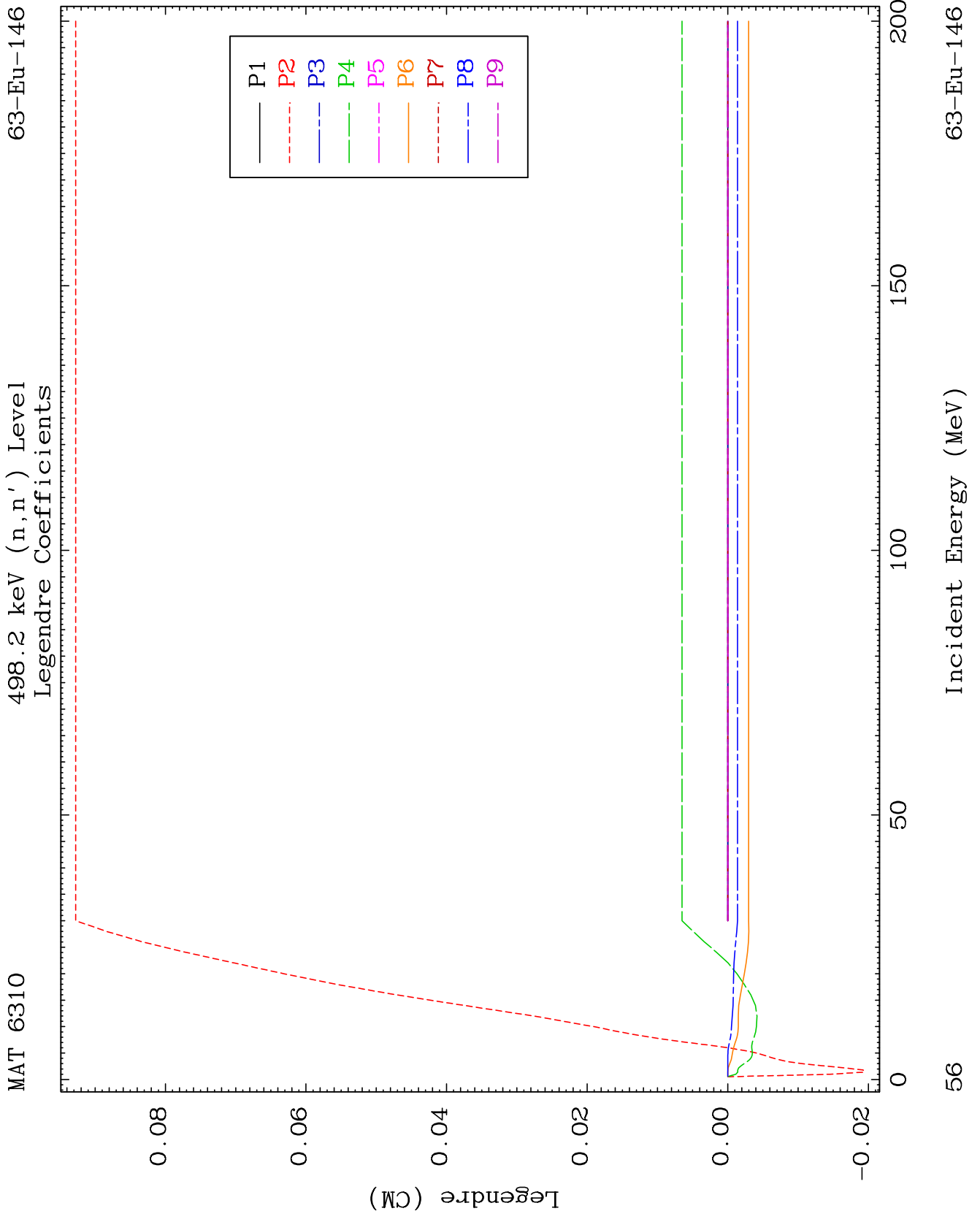
Incident Energy (MeV)

63-Eu-146





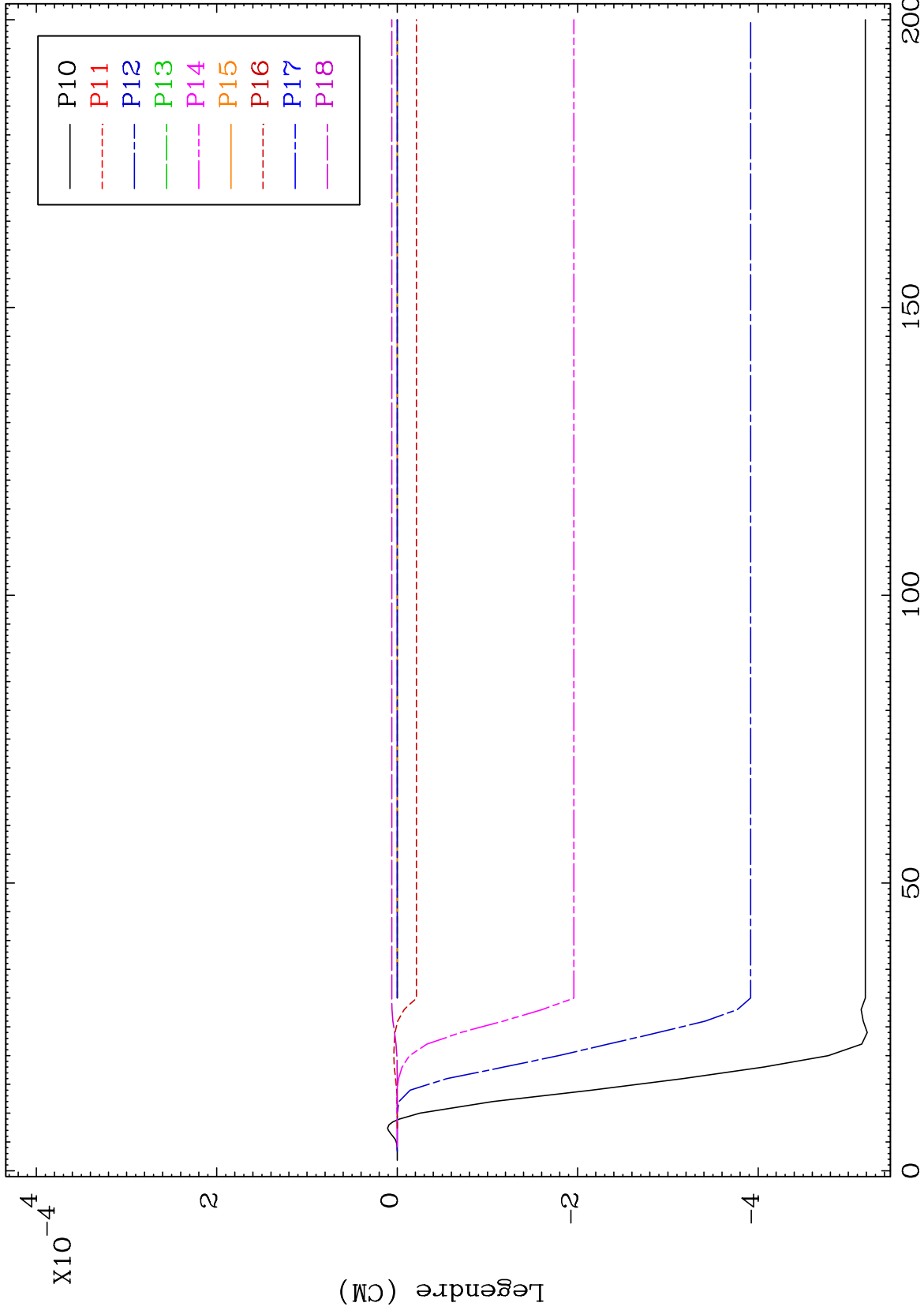




MAT 6310

498.2 keV (n,n') Level
Legendre Coefficients

63-Eu-146



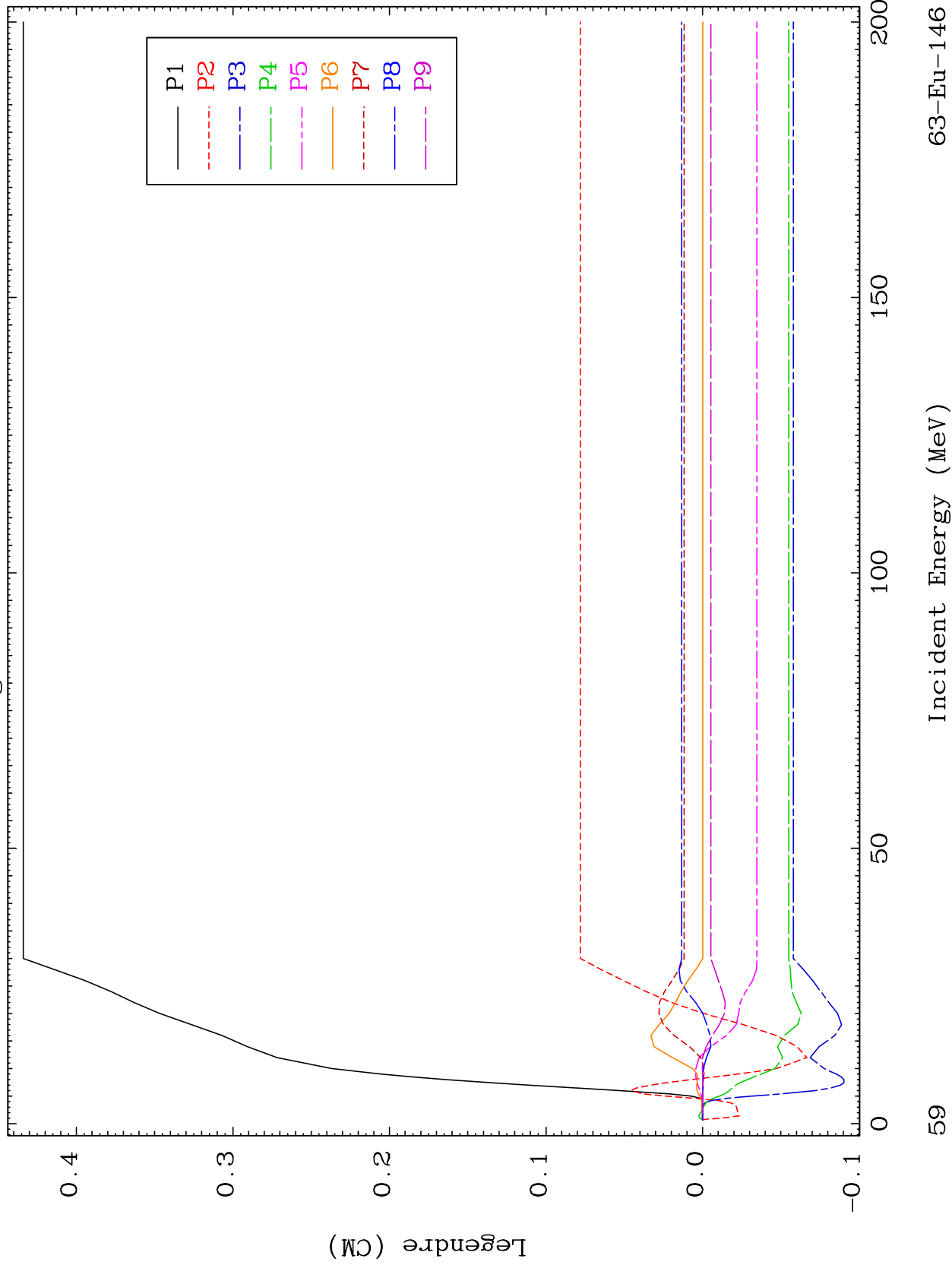
57

63-Eu-146

MAT 6310

647.6 keV (n, n') Level
Legendre Coefficients

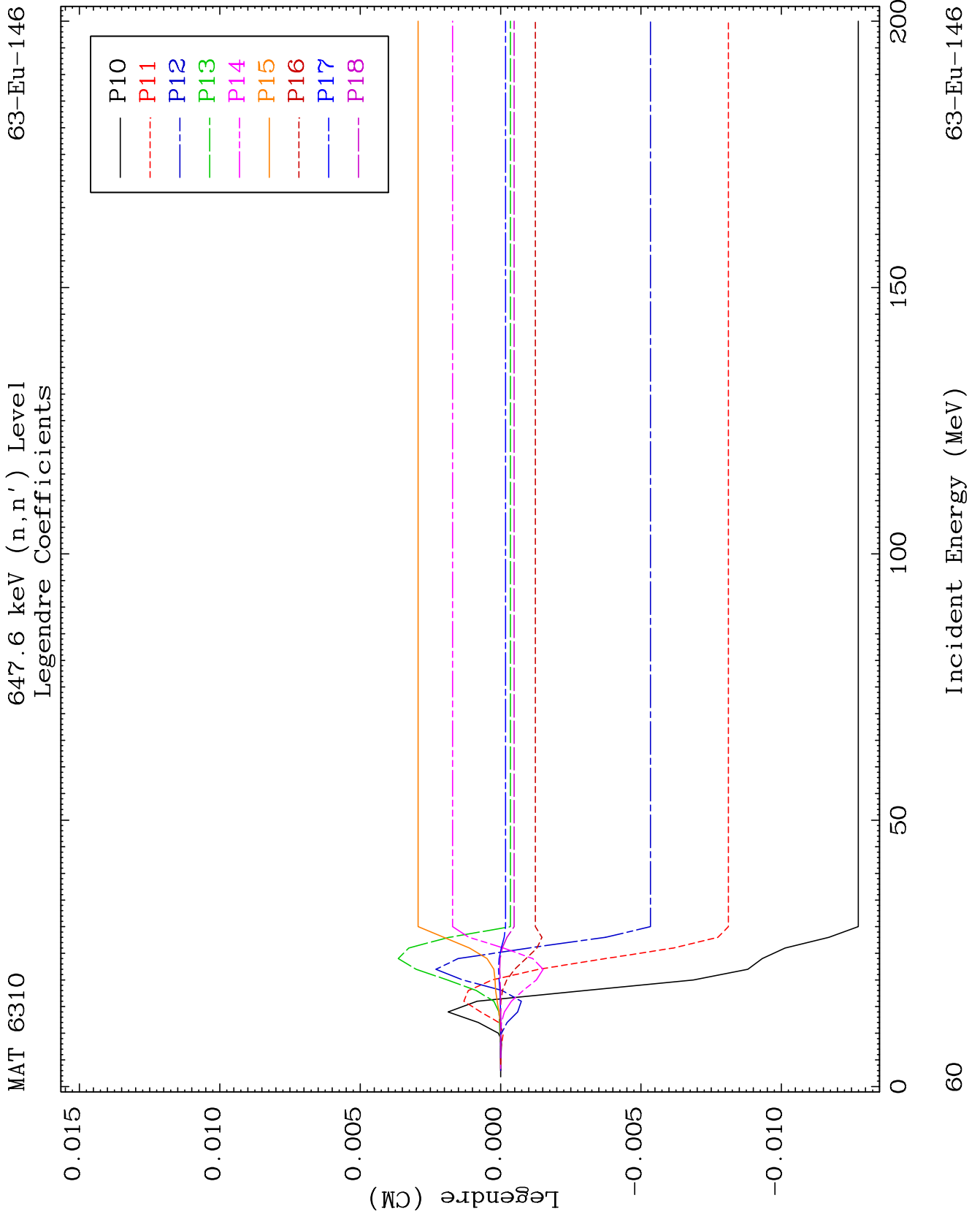
63-Eu-146

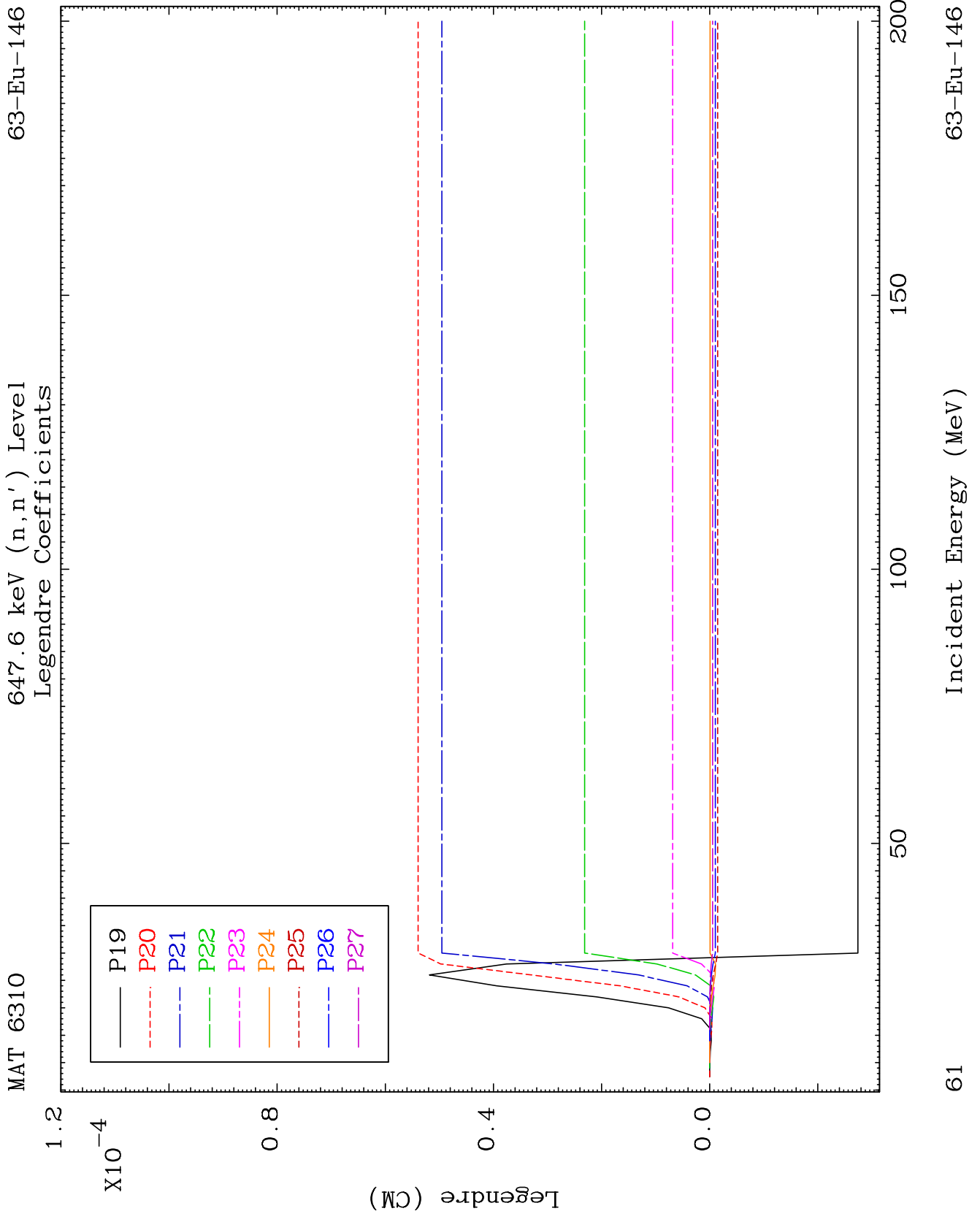


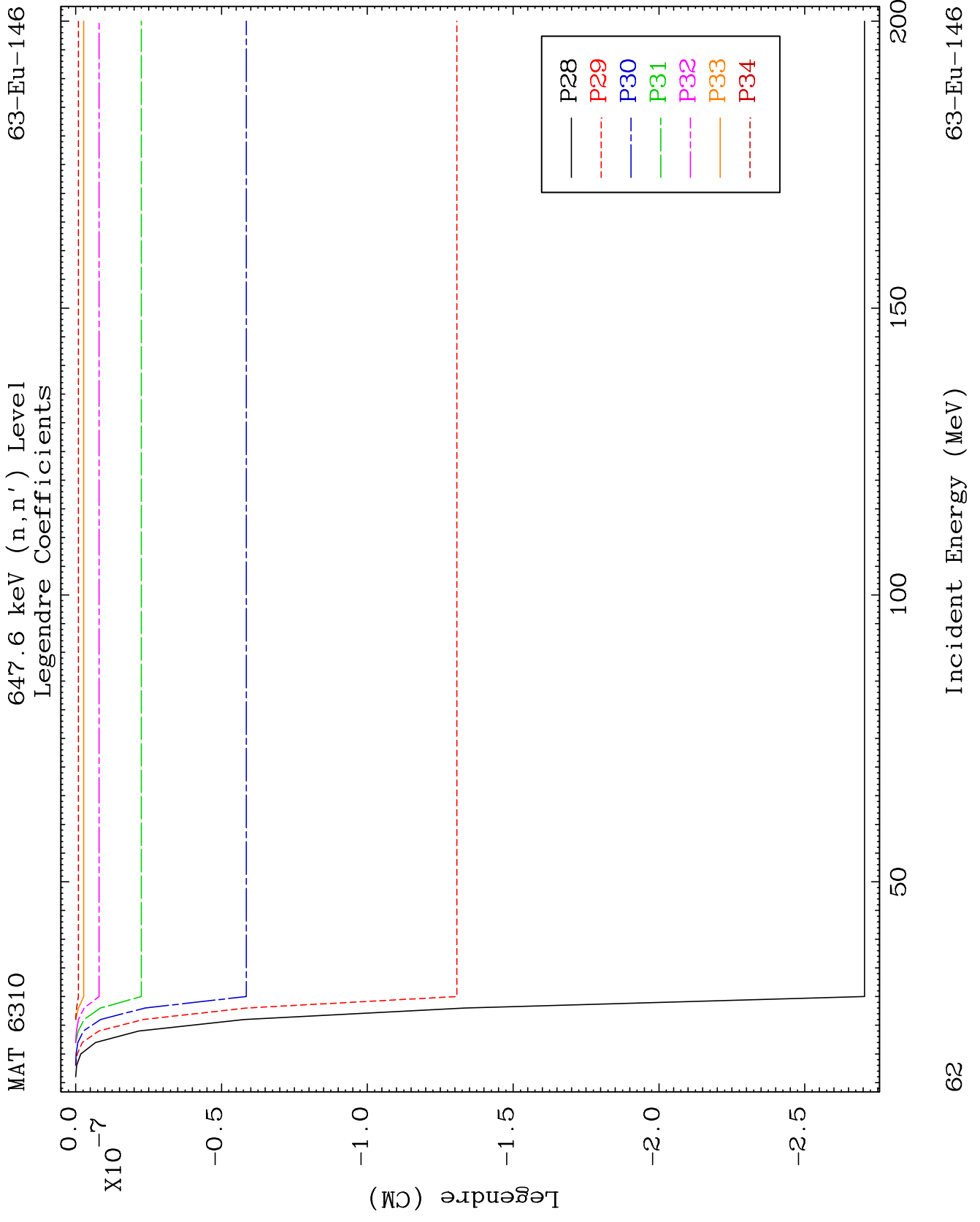
63-Eu-146

Incident Energy (MeV)

59



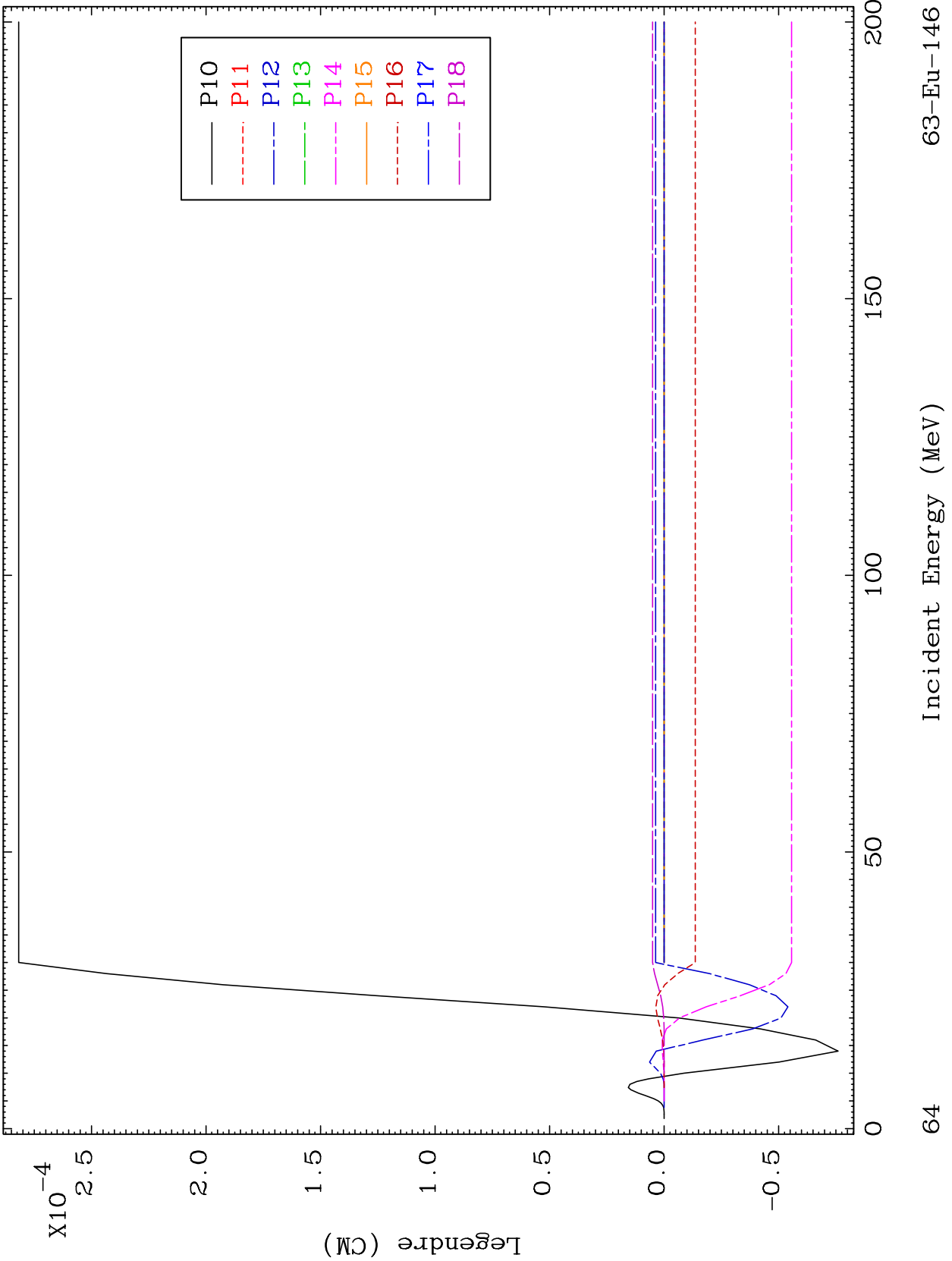




MAT 6310

666.4 keV (n,n') Level
Legendre Coefficients

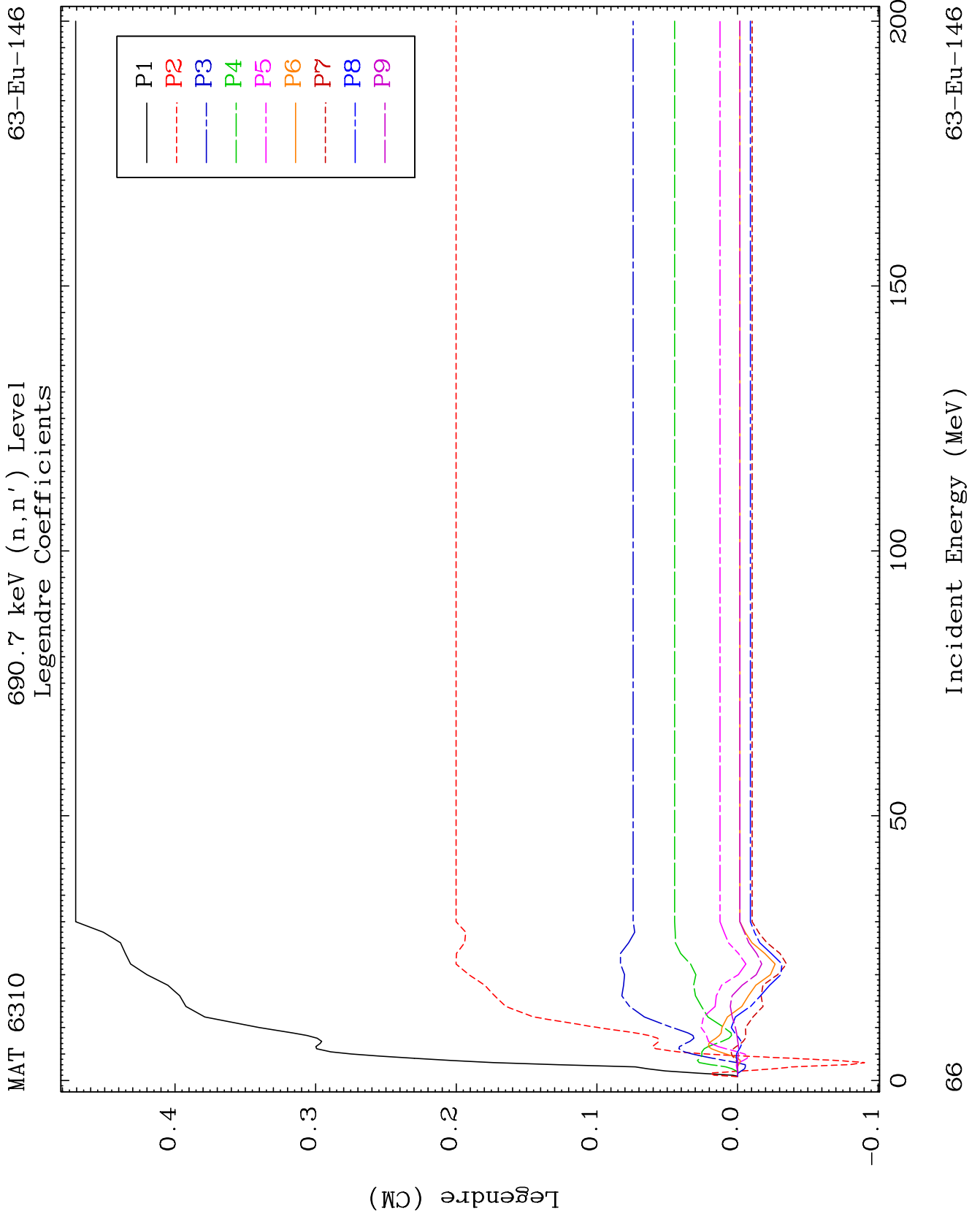
63-Eu-146

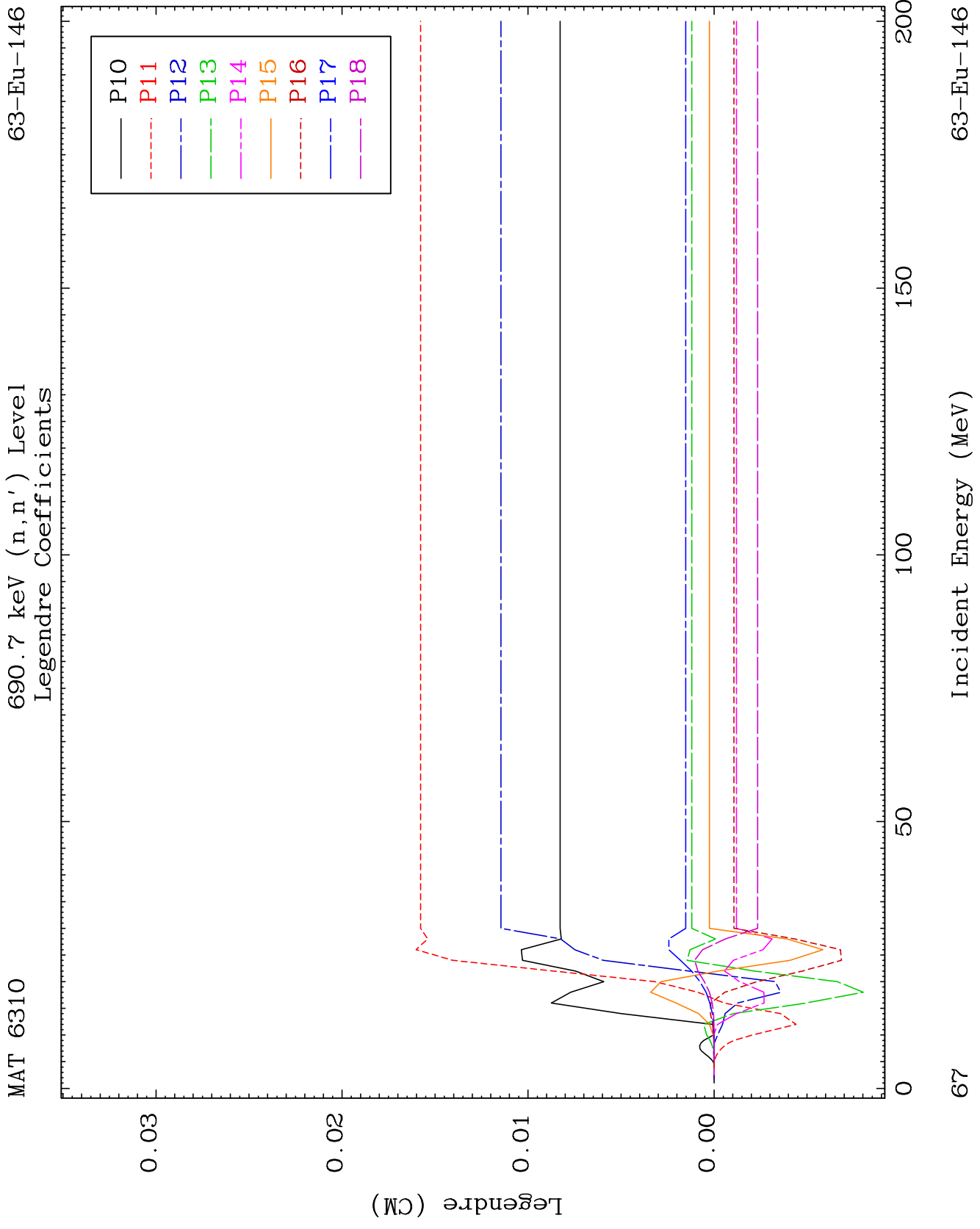


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Incident Energy (MeV)

63-Eu-146

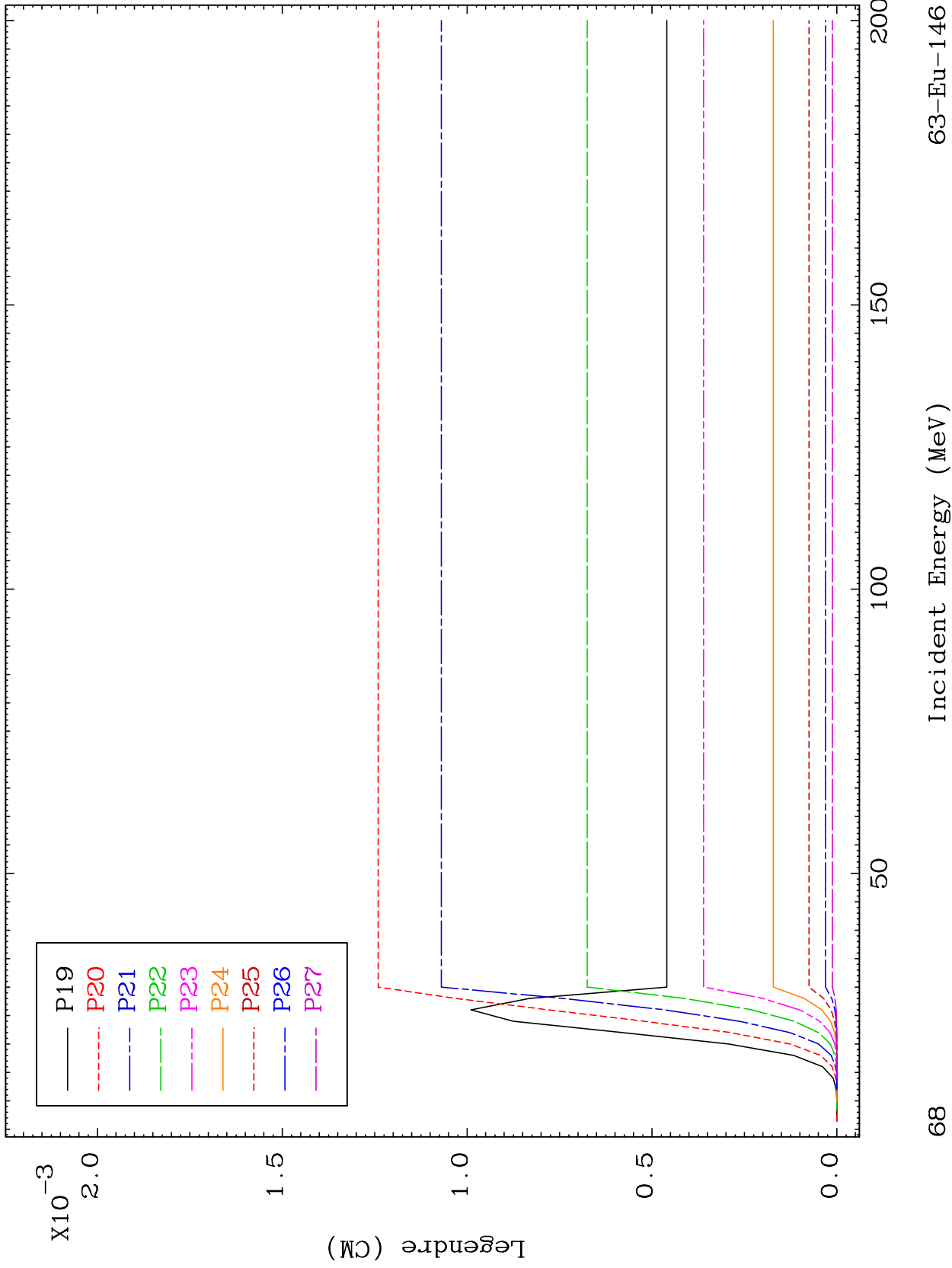




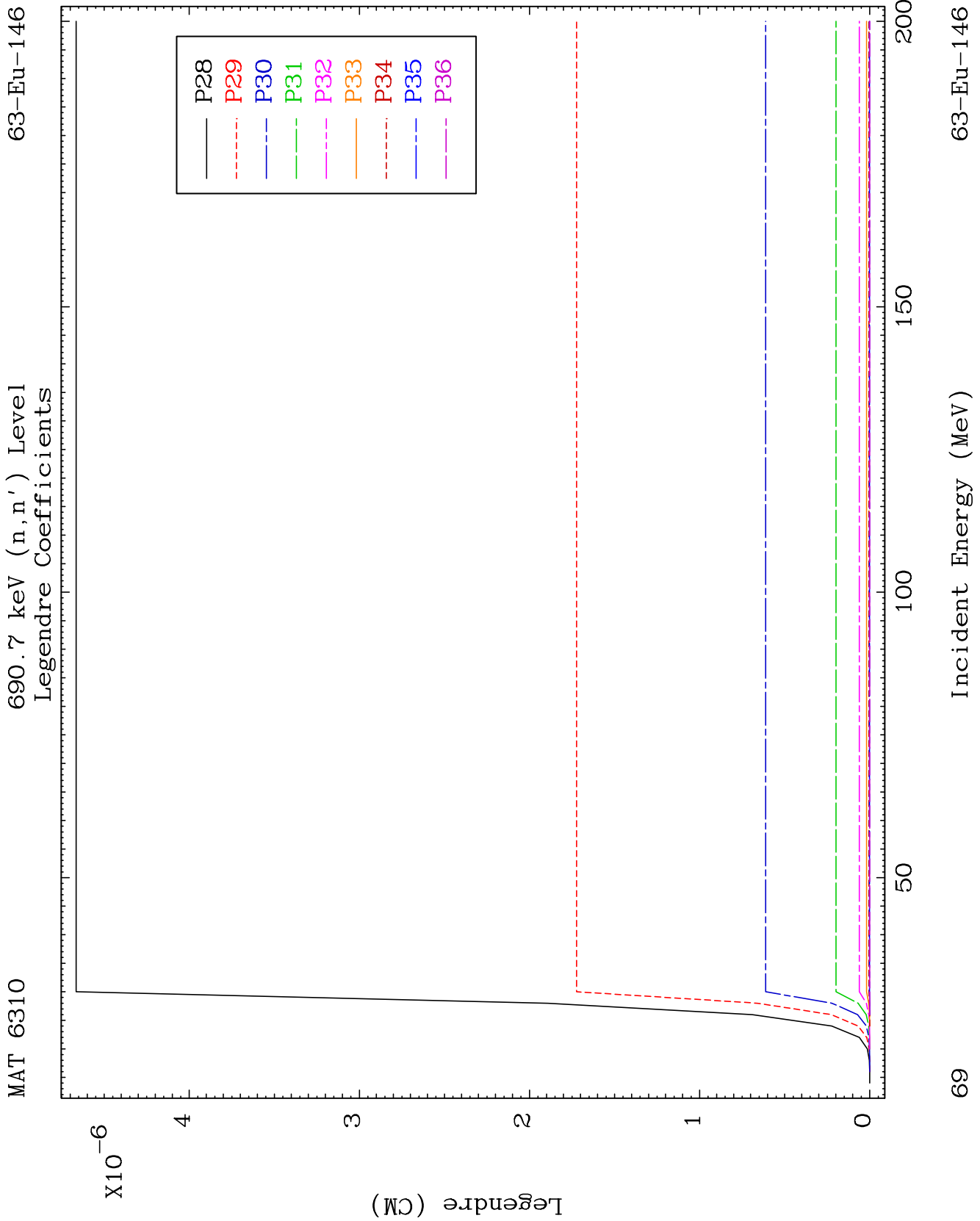
MAT 6310

690.7 keV (n, n') Level
Legendre Coefficients

63-Eu-146



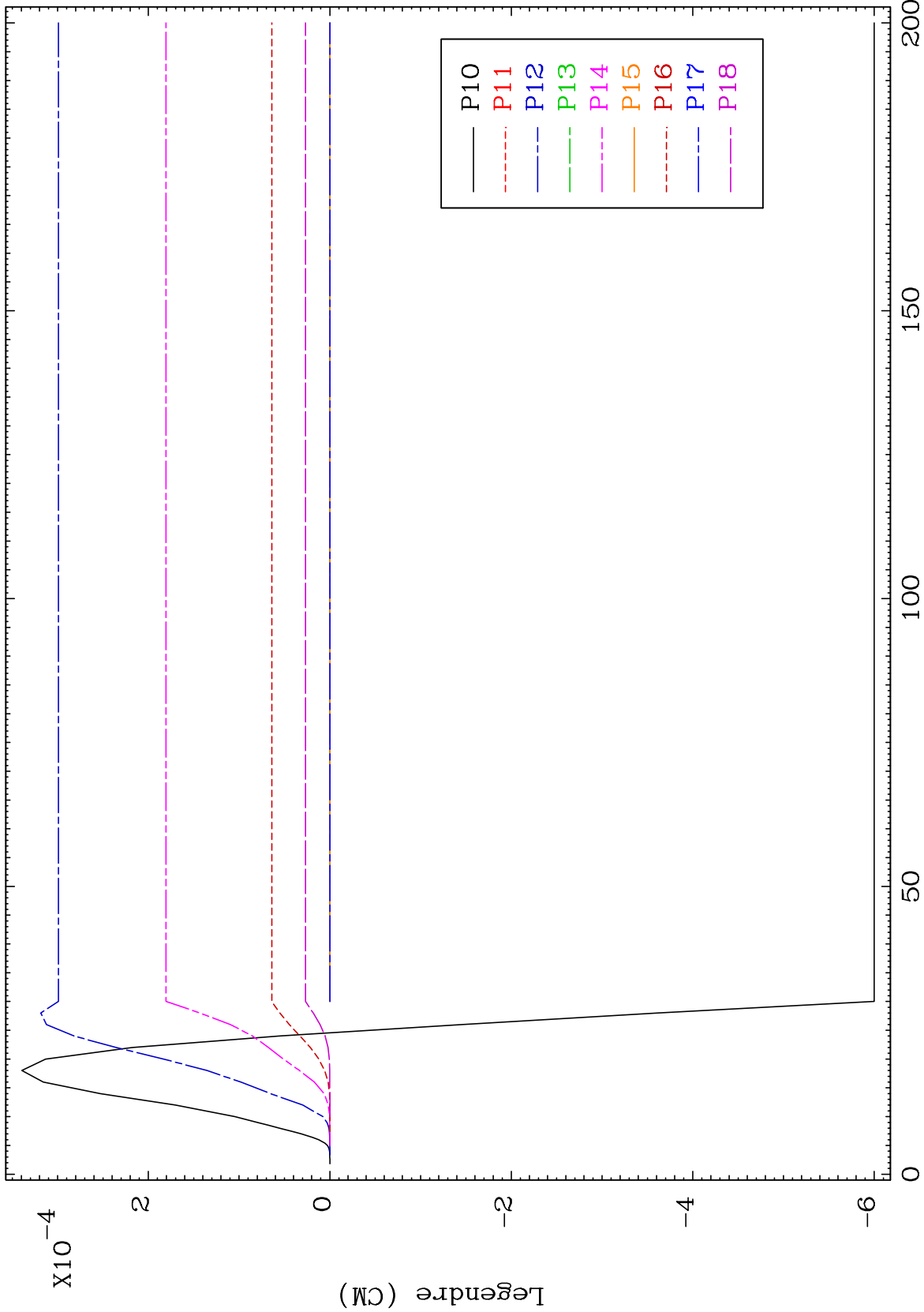
68



MAT 6310

752.9 keV (n, n') Level
Legendre Coefficients

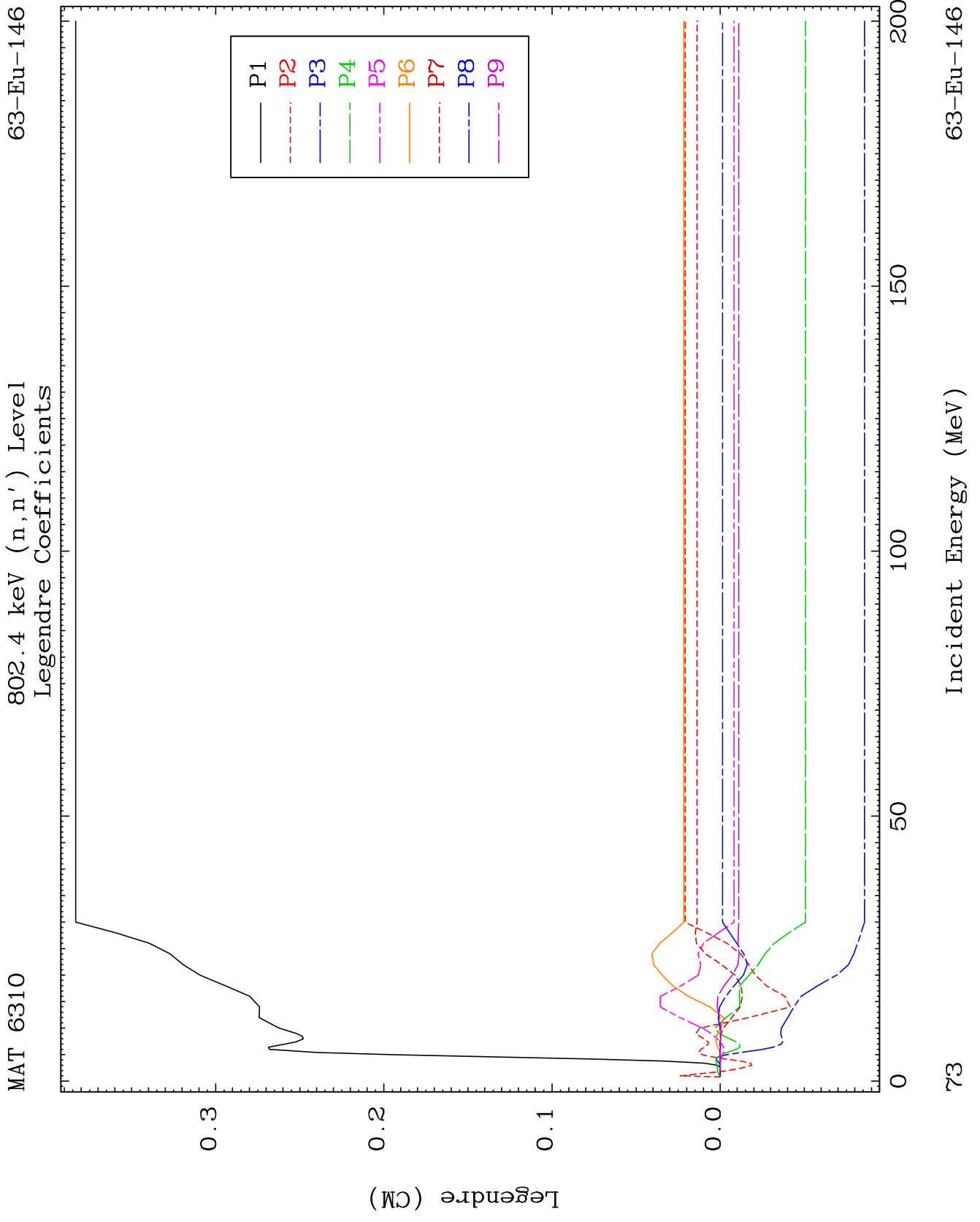
63-Eu-146



71

Incident Energy (MeV)

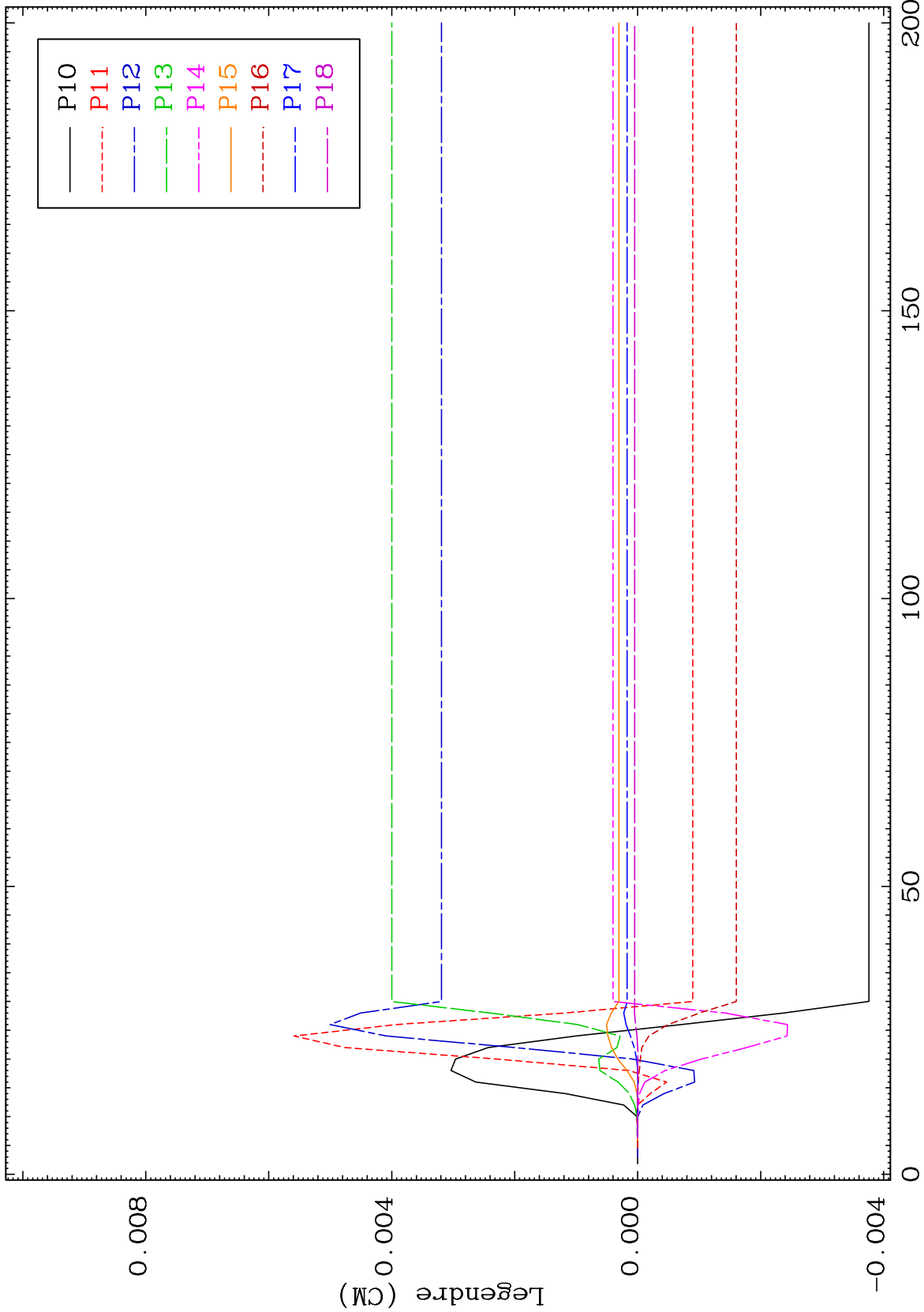
63-Eu-146



MAT 6310

802.4 keV (n,n') Level
Legendre Coefficients

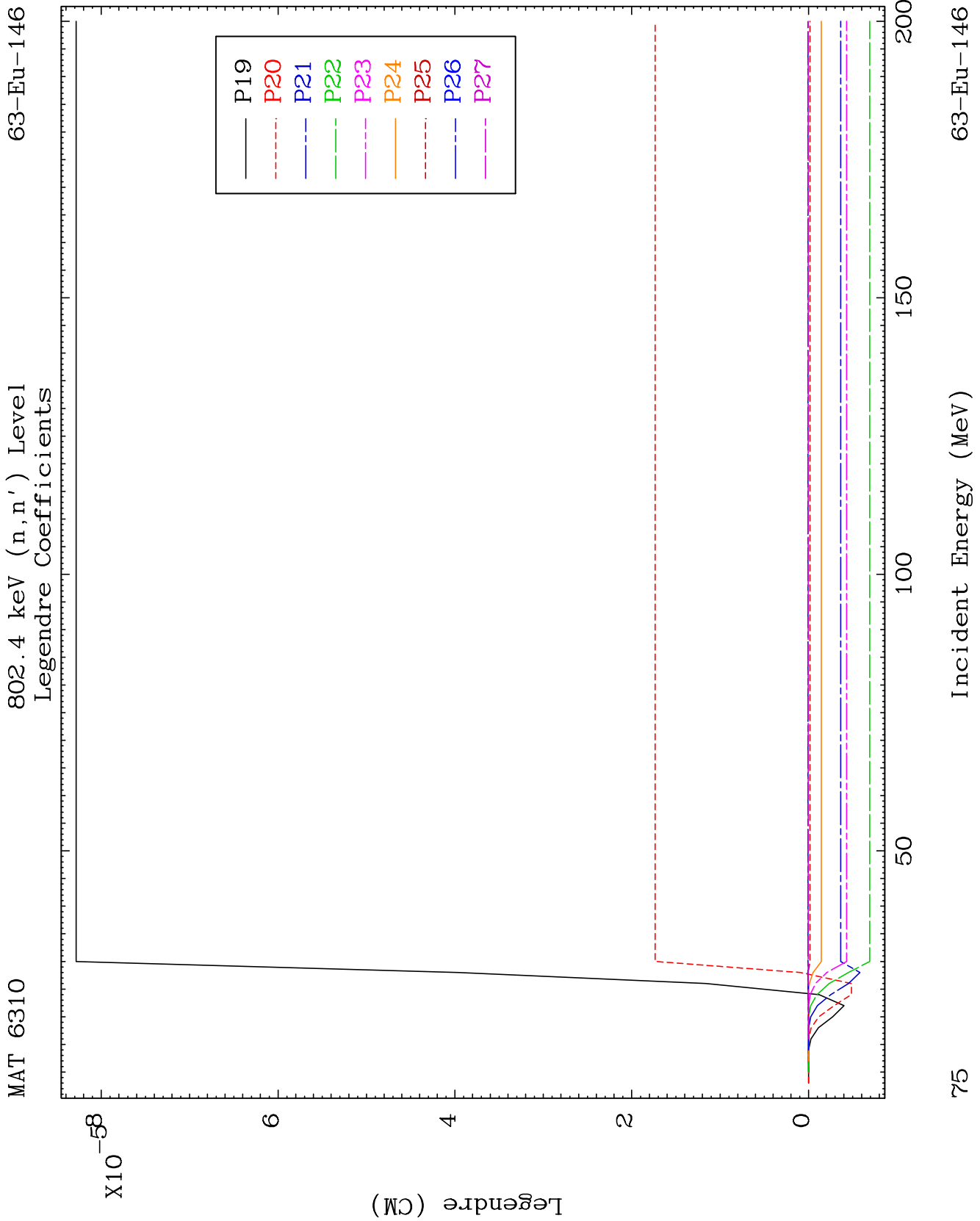
63-Eu-146



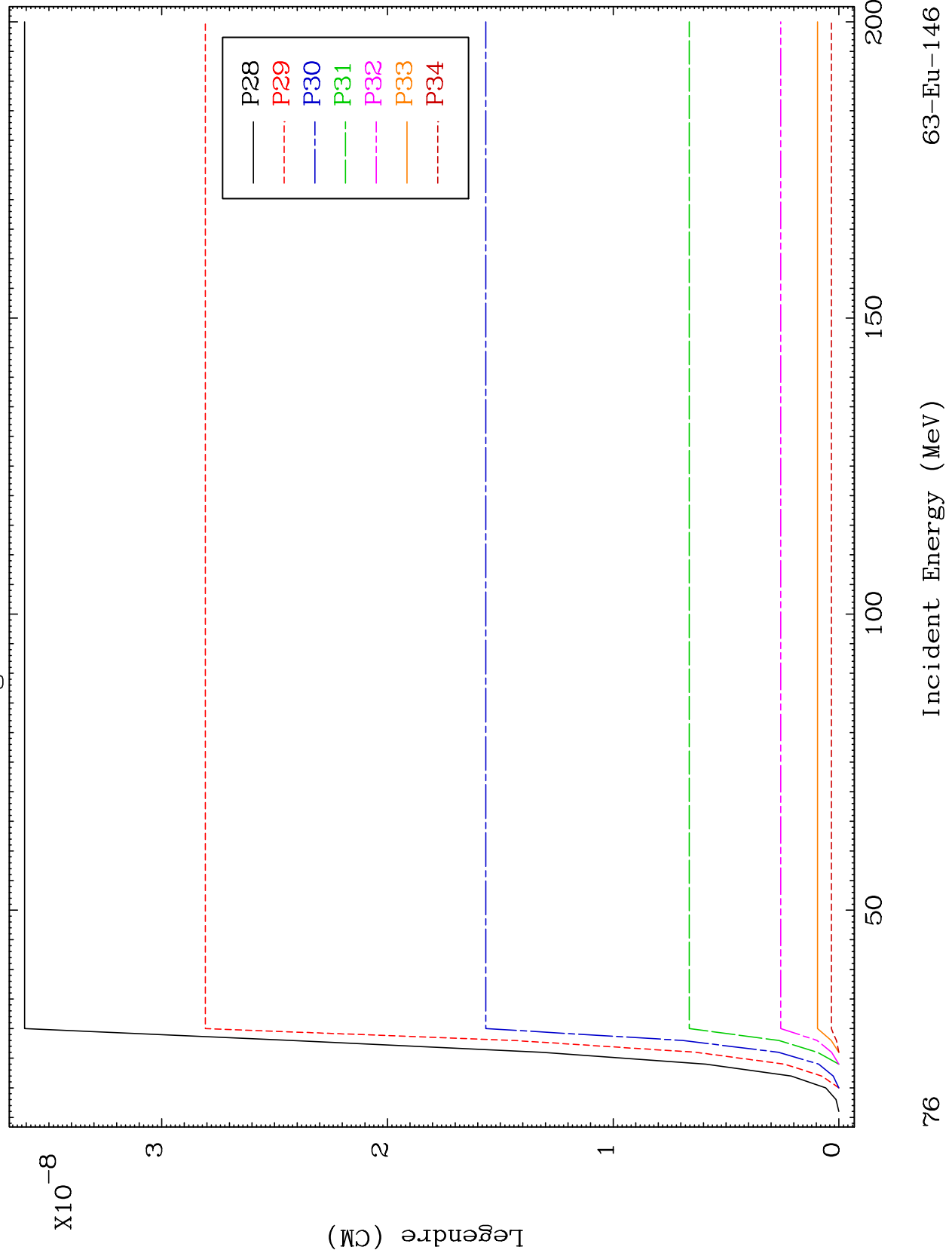
74

Incident Energy (MeV)

63-Eu-146



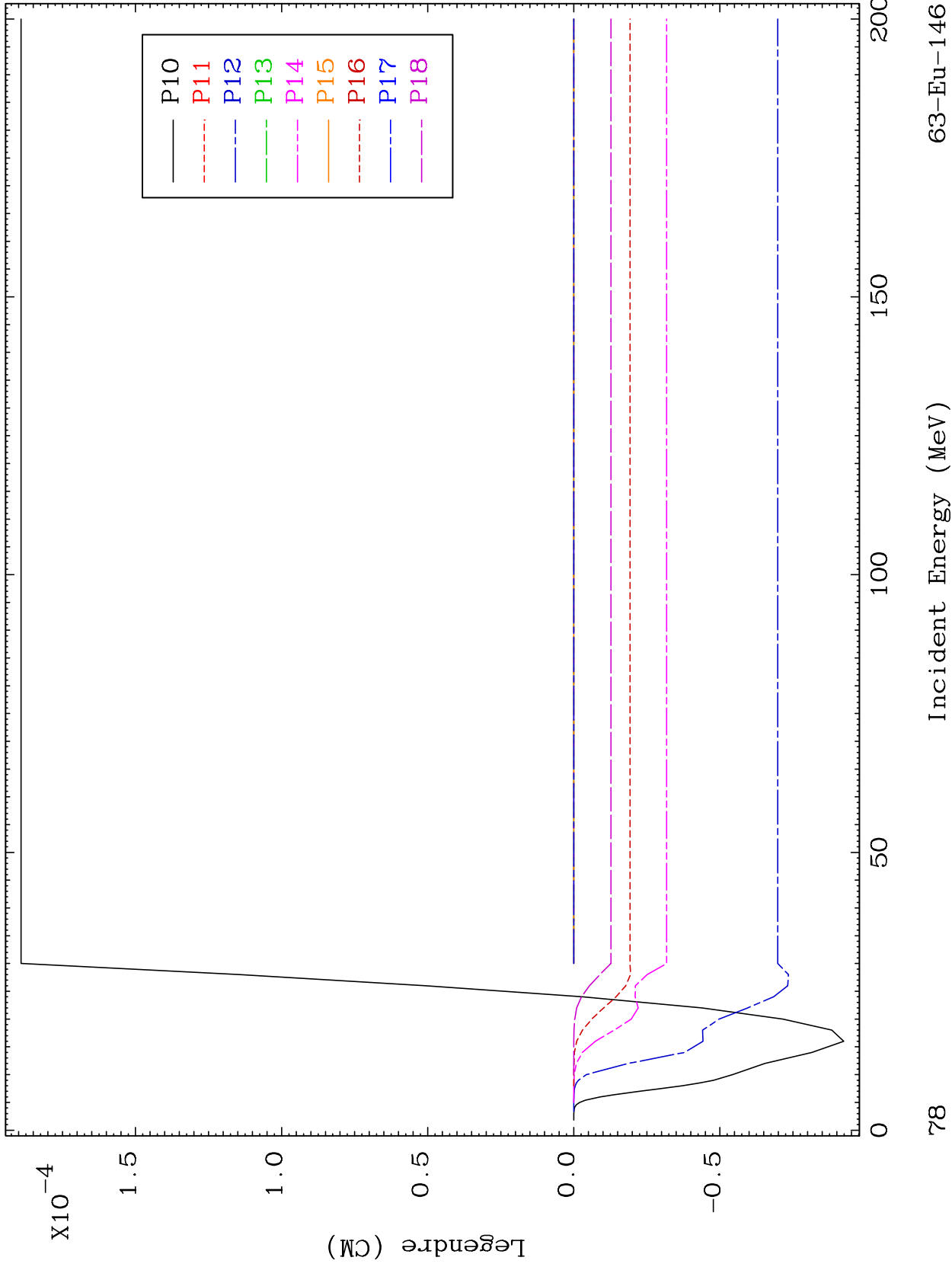
802.4 keV (n,n') Level
Legendre Coefficients



MAT 6310

836.0 keV (n,n') Level
Legendre Coefficients

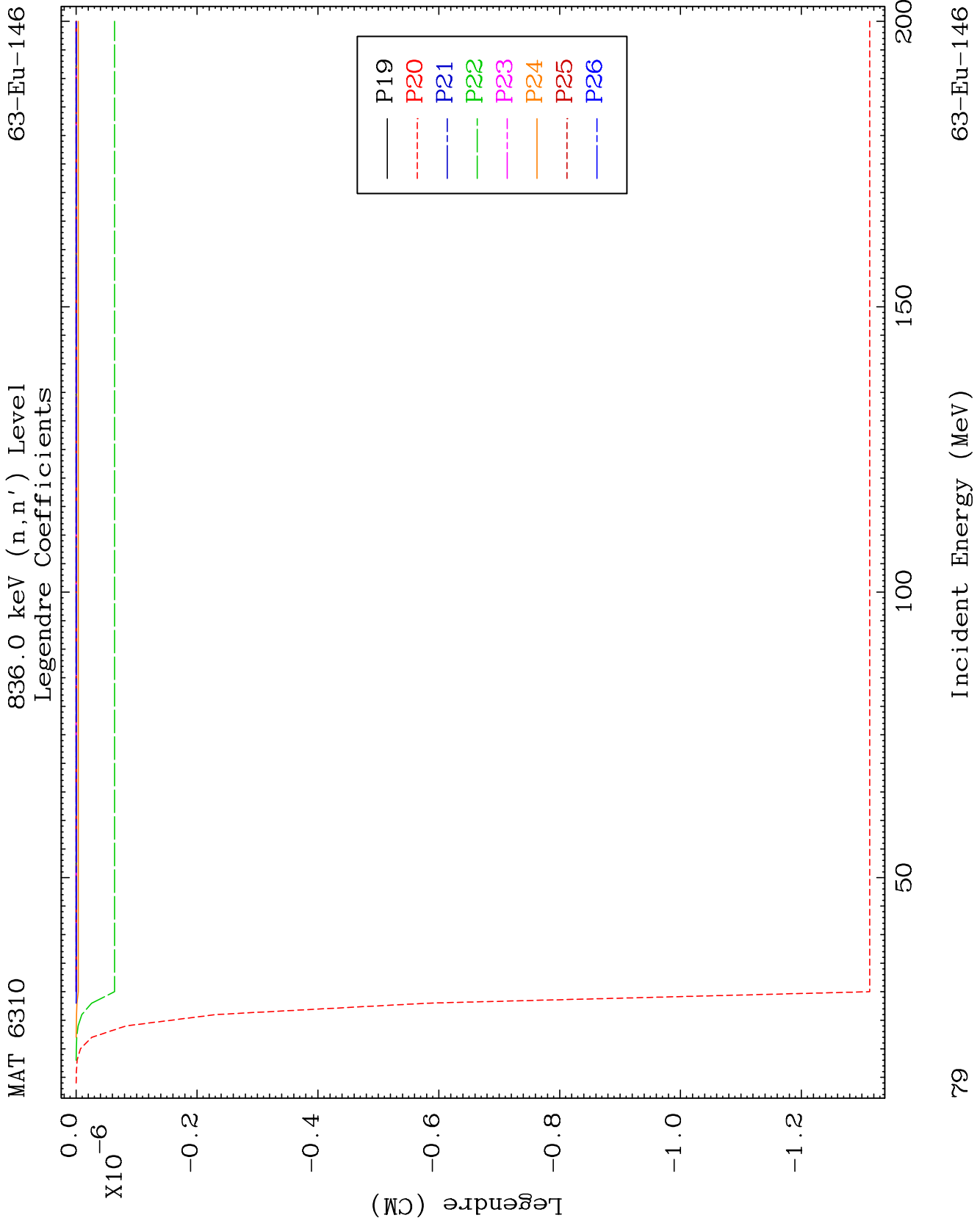
63-Eu-146

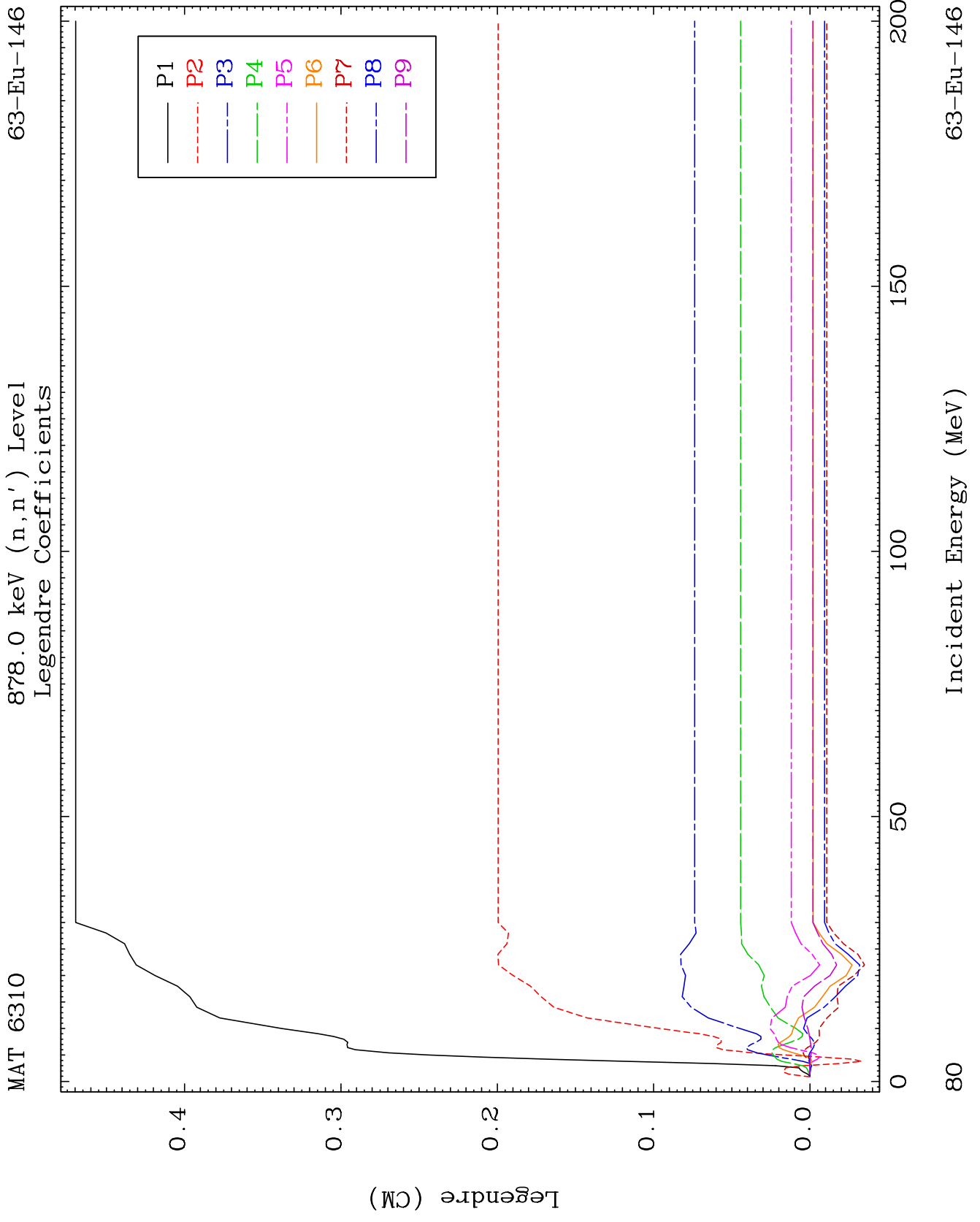


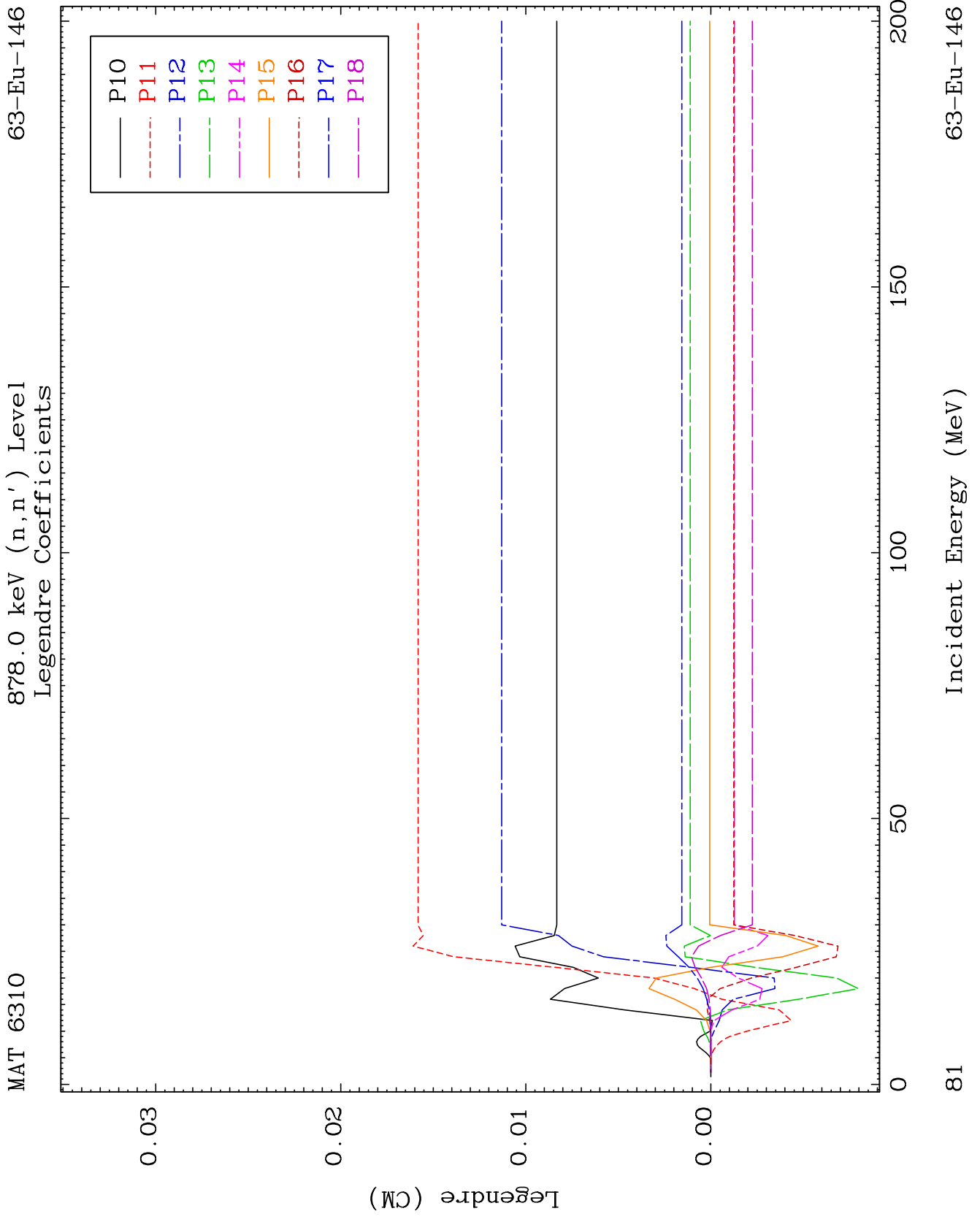
78

Incident Energy (MeV)

63-Eu-146



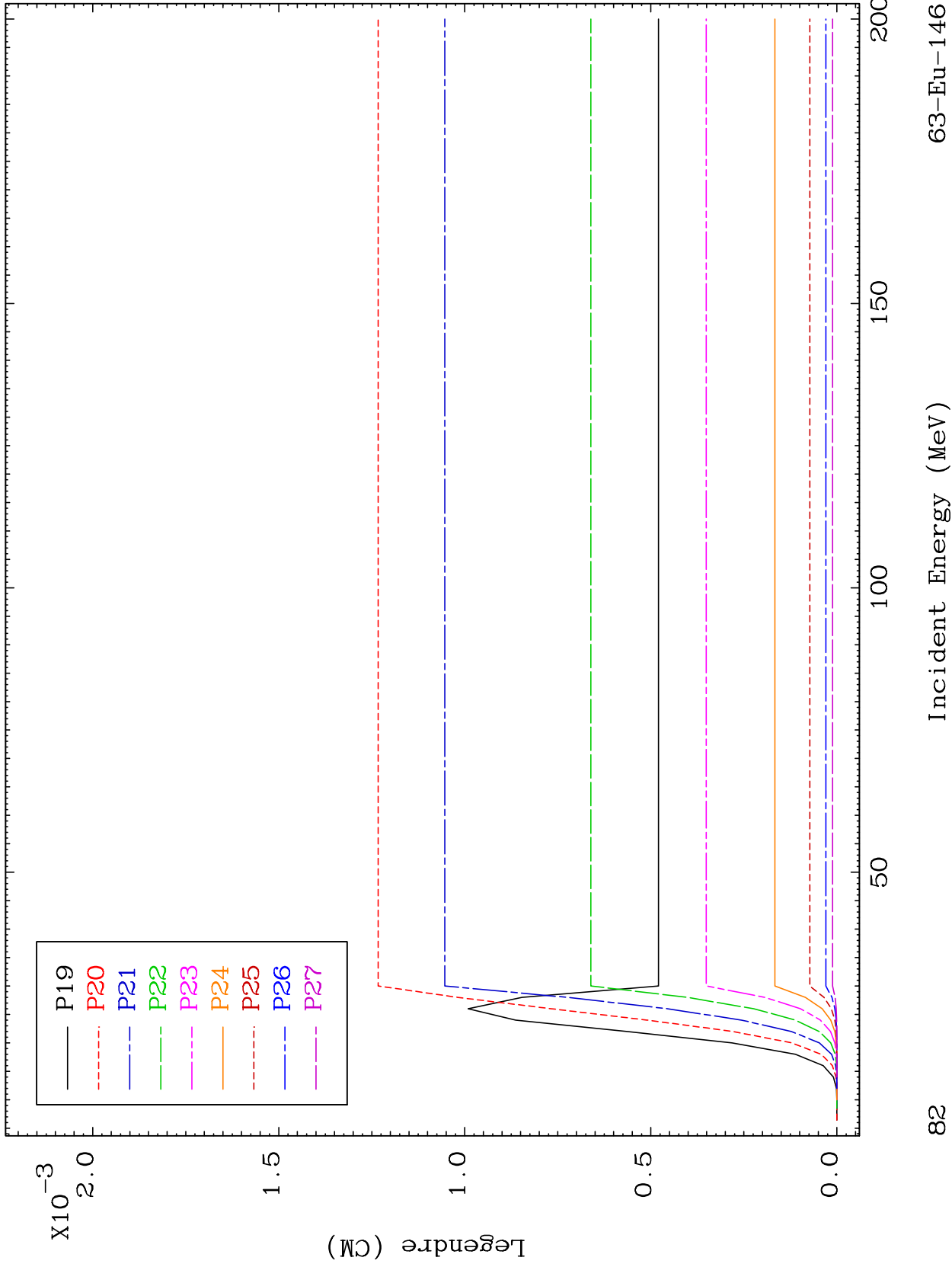




MAT 6310

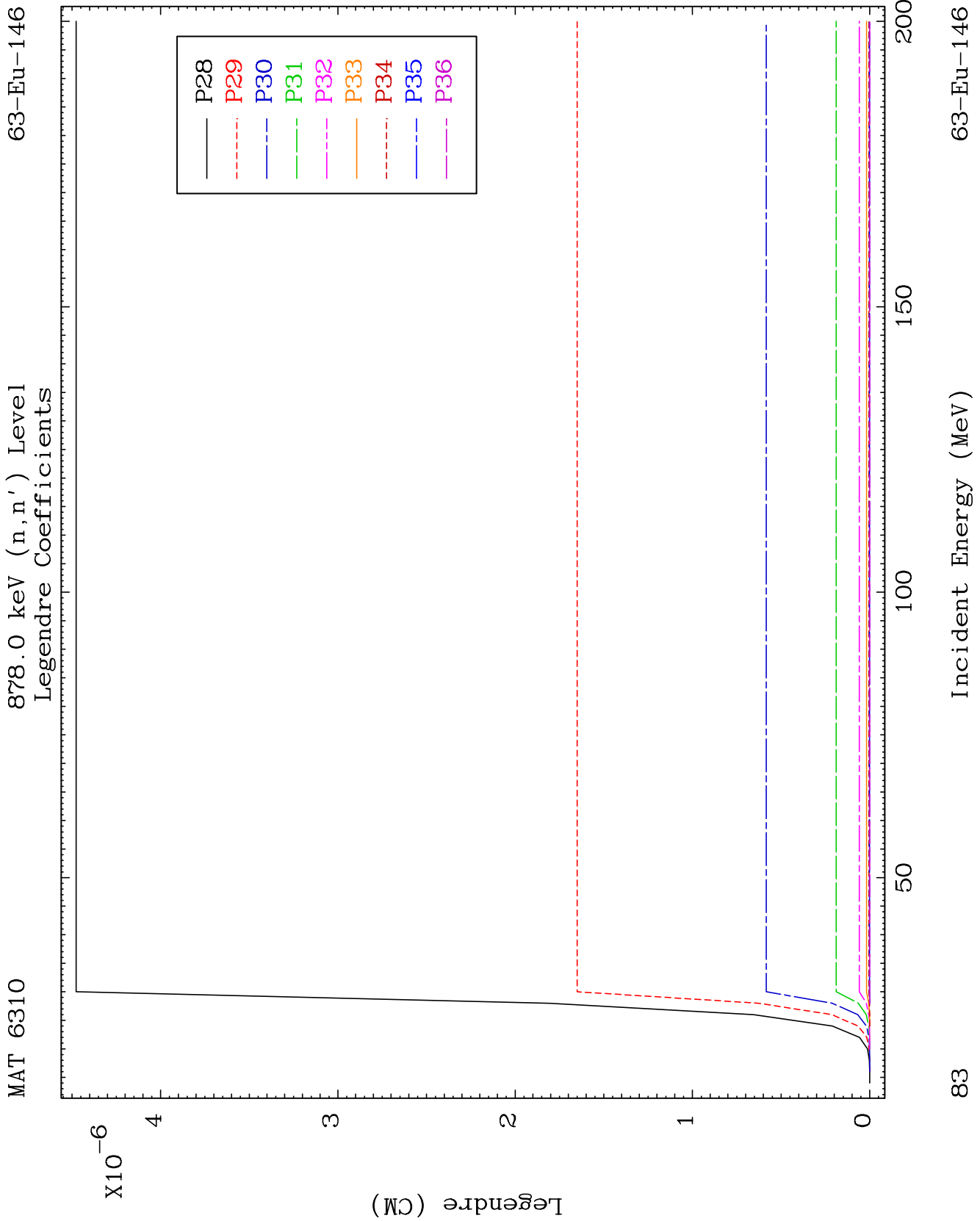
878.0 keV (n, n') Level
Legendre Coefficients

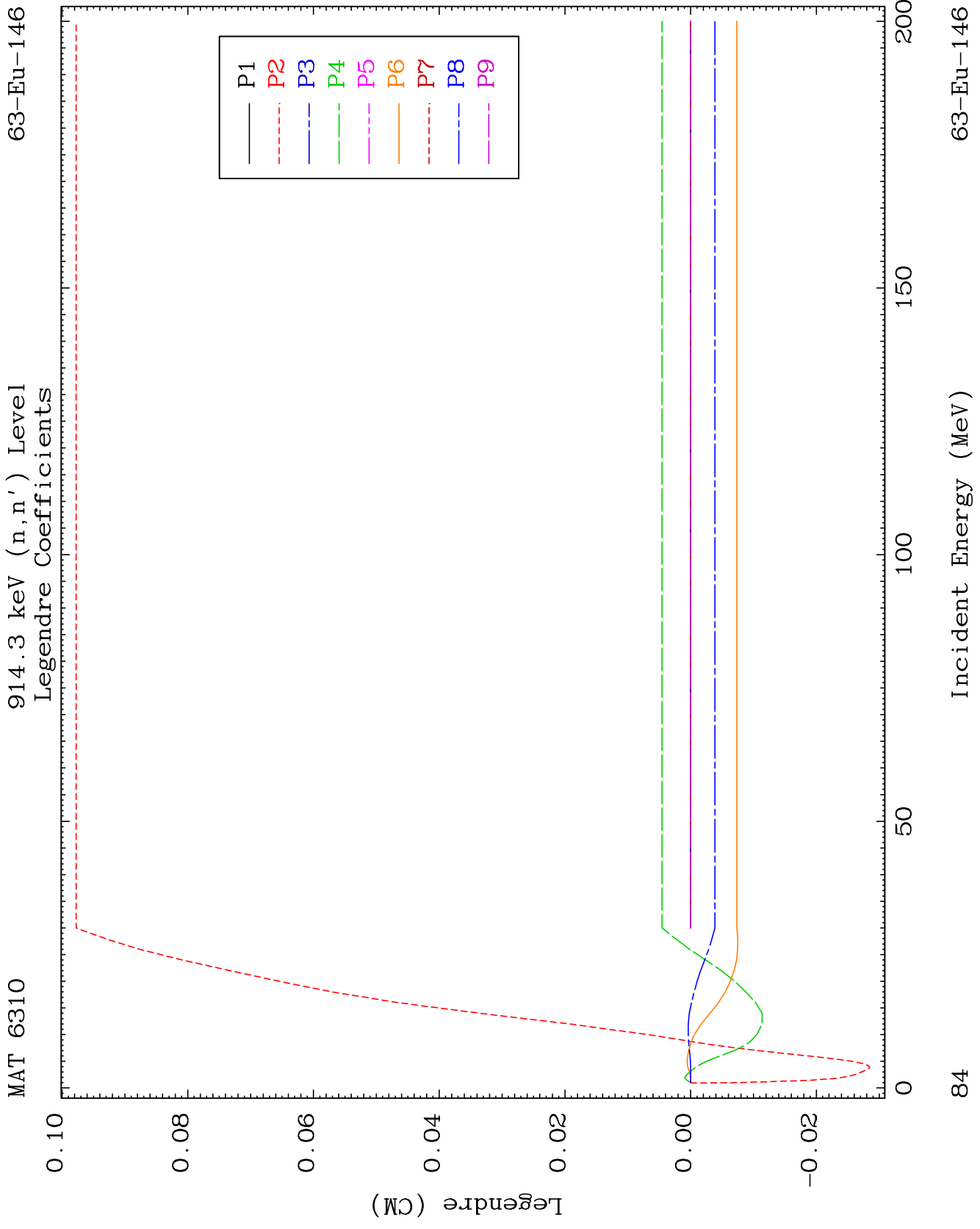
63-Eu-146



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63-Eu-146

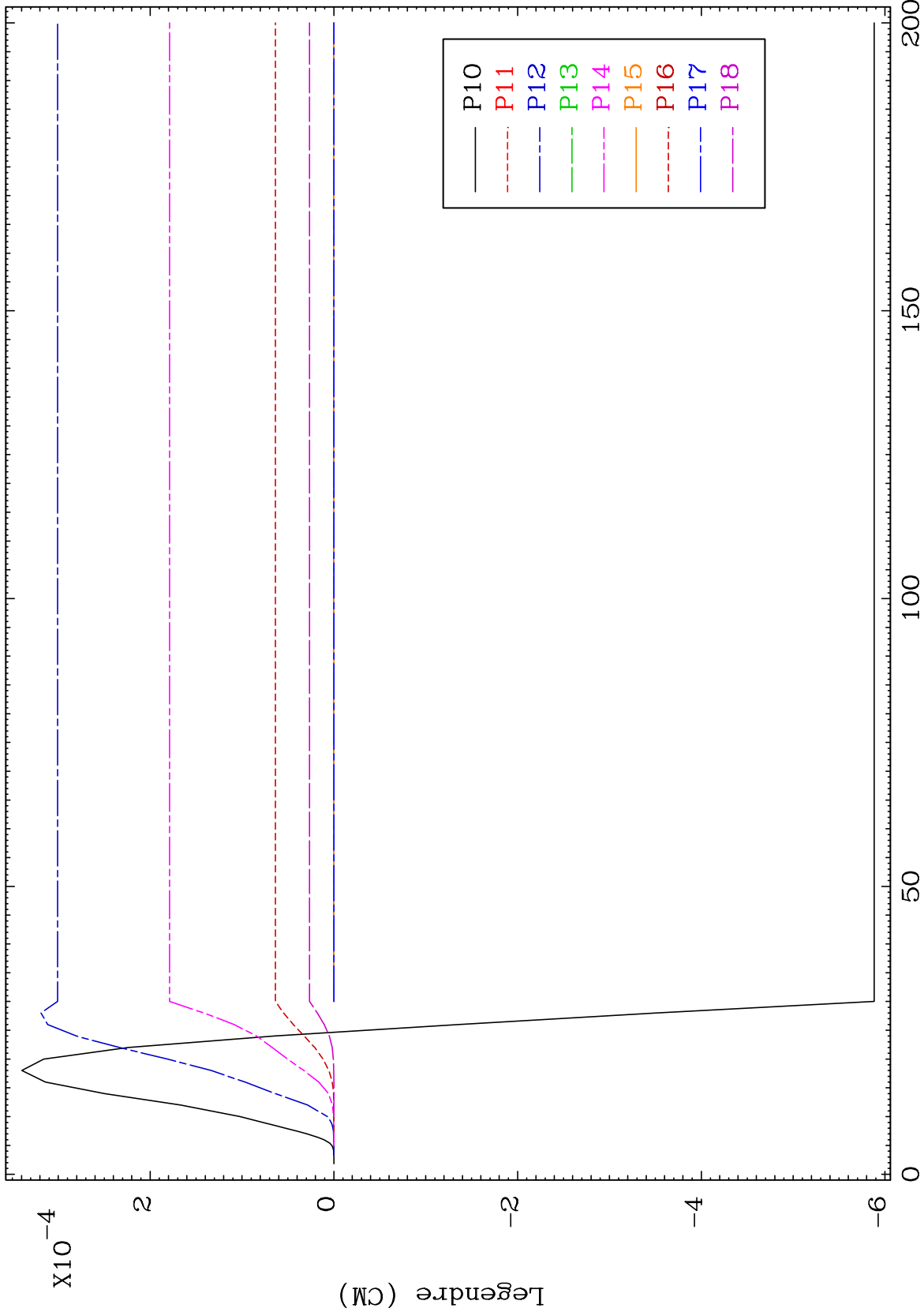




MAT 6310

914.3 keV (n, n') Level
Legendre Coefficients

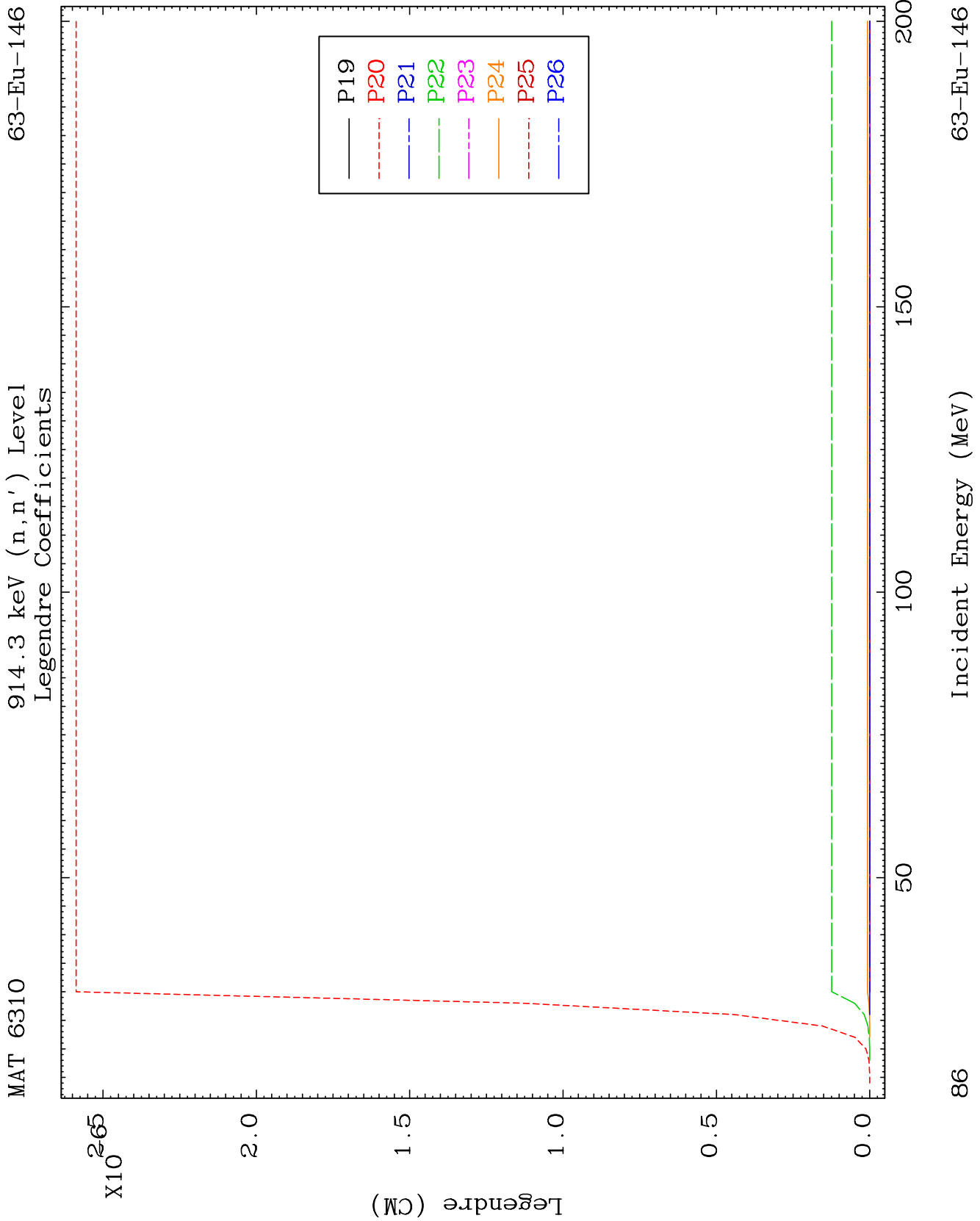
63-Eu-146



85

Incident Energy (MeV)

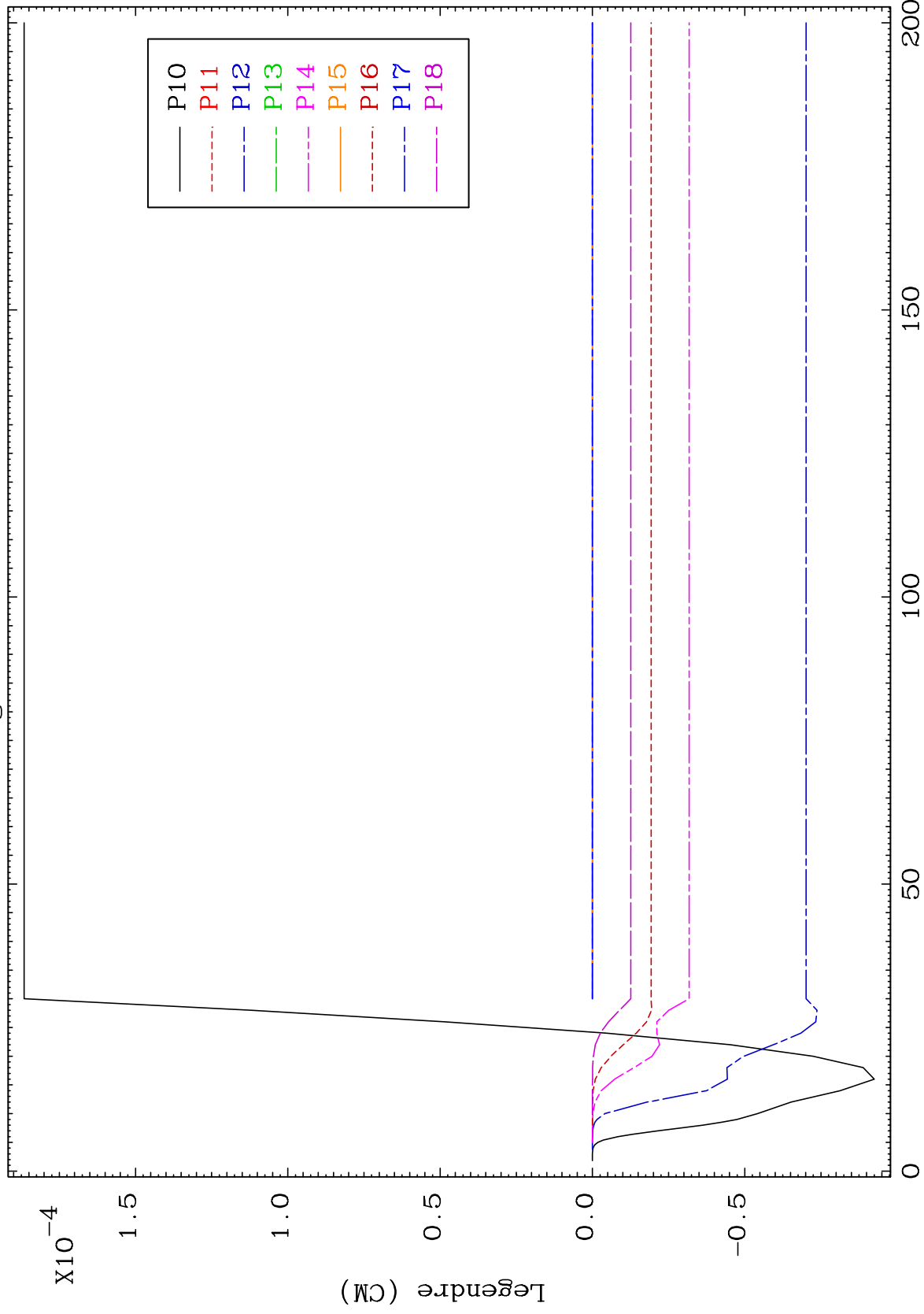
63-Eu-146



MAT 6310

936.0 keV (n,n') Level
Legendre Coefficients

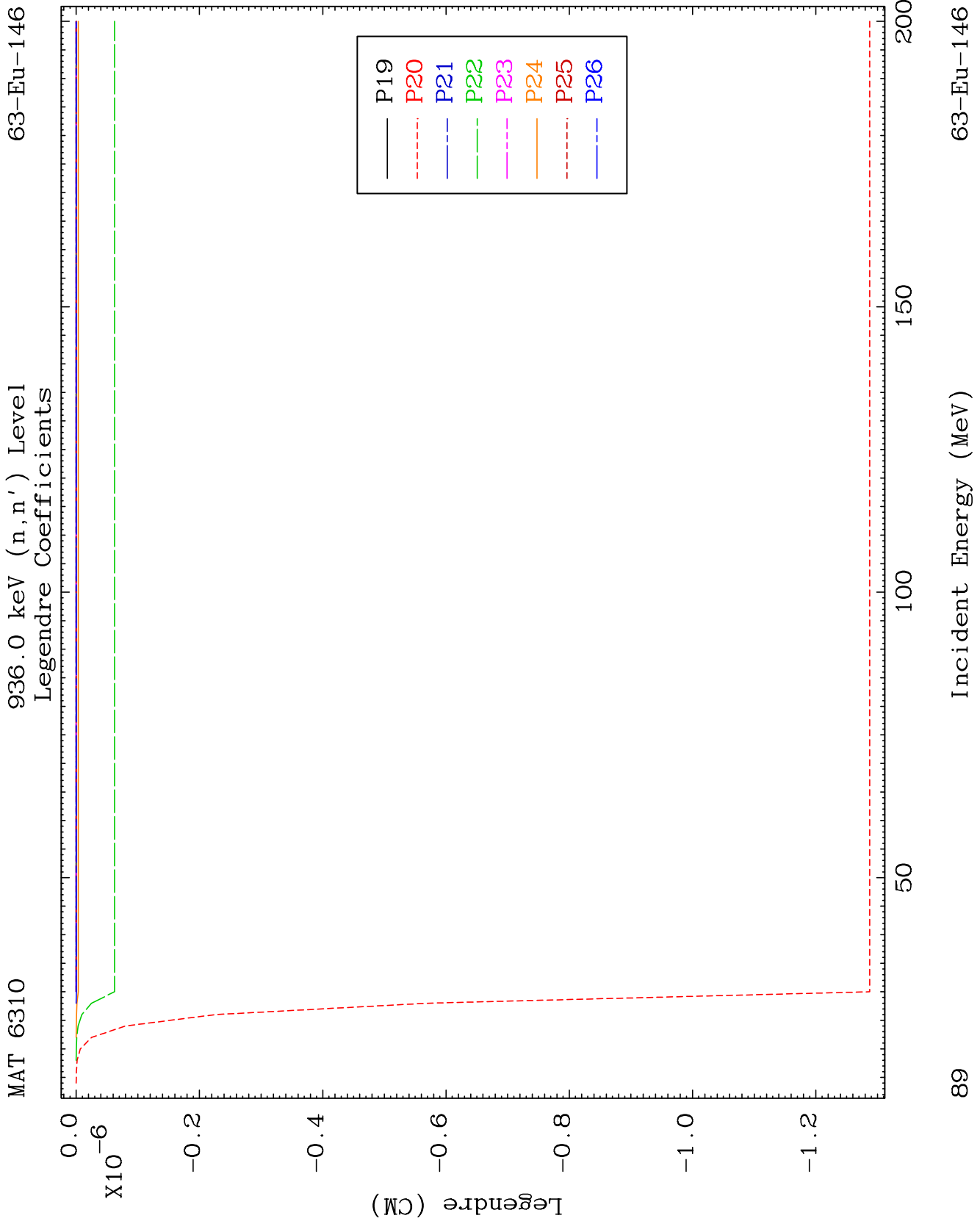
63-Eu-146

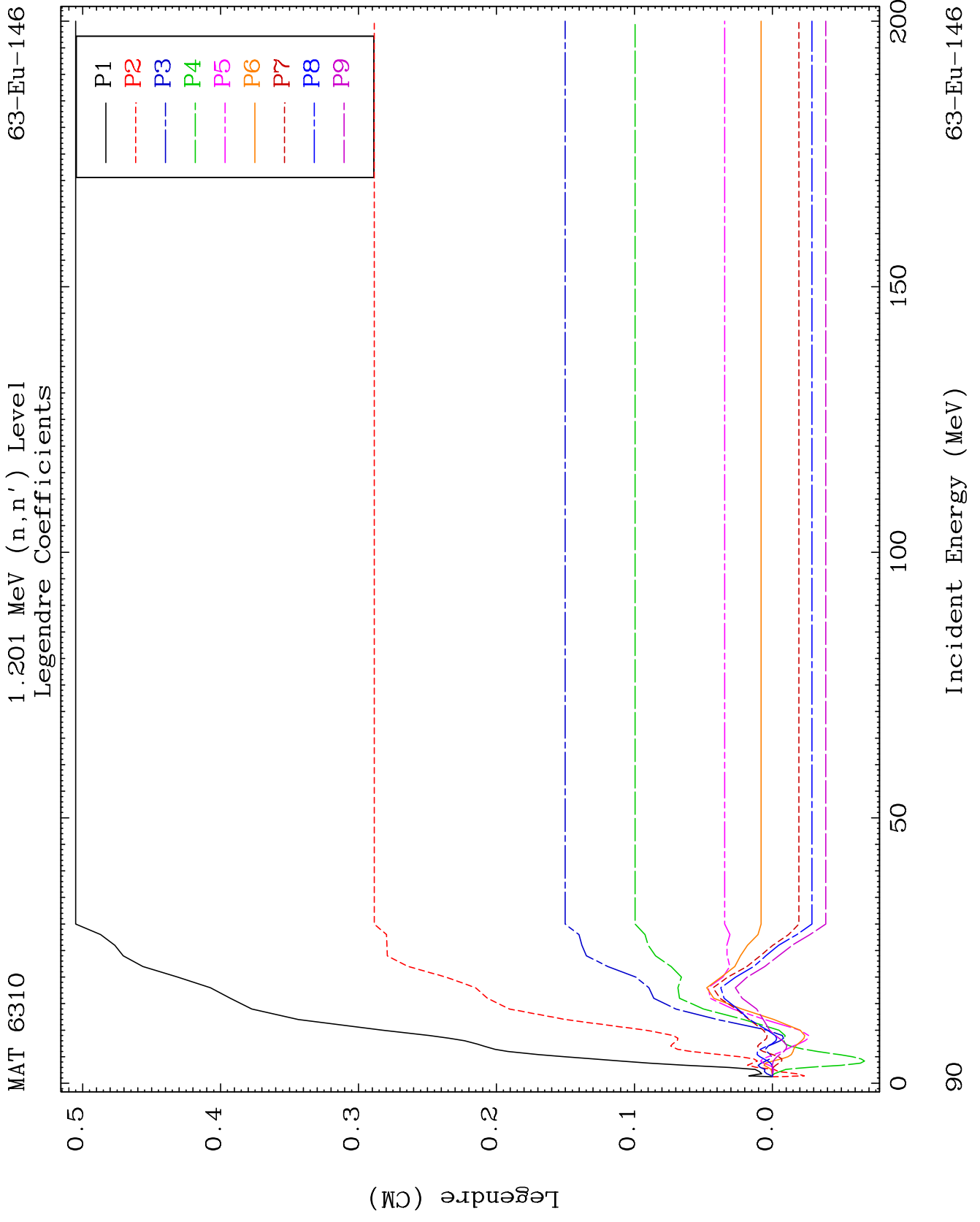


88

63-Eu-146

63-Eu-146

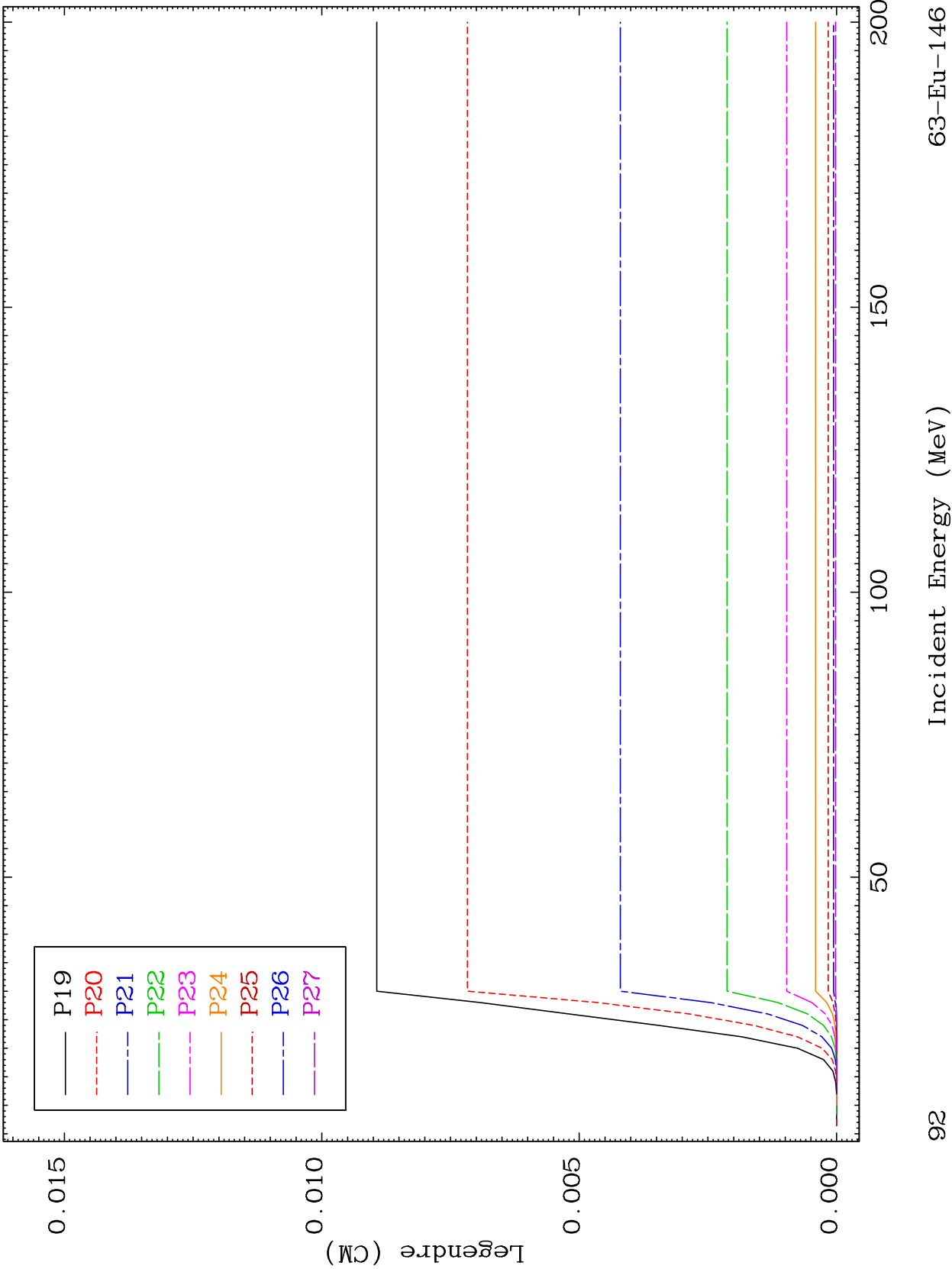




MAT 6310

1.201 MeV (n,n') Level
Legendre Coefficients

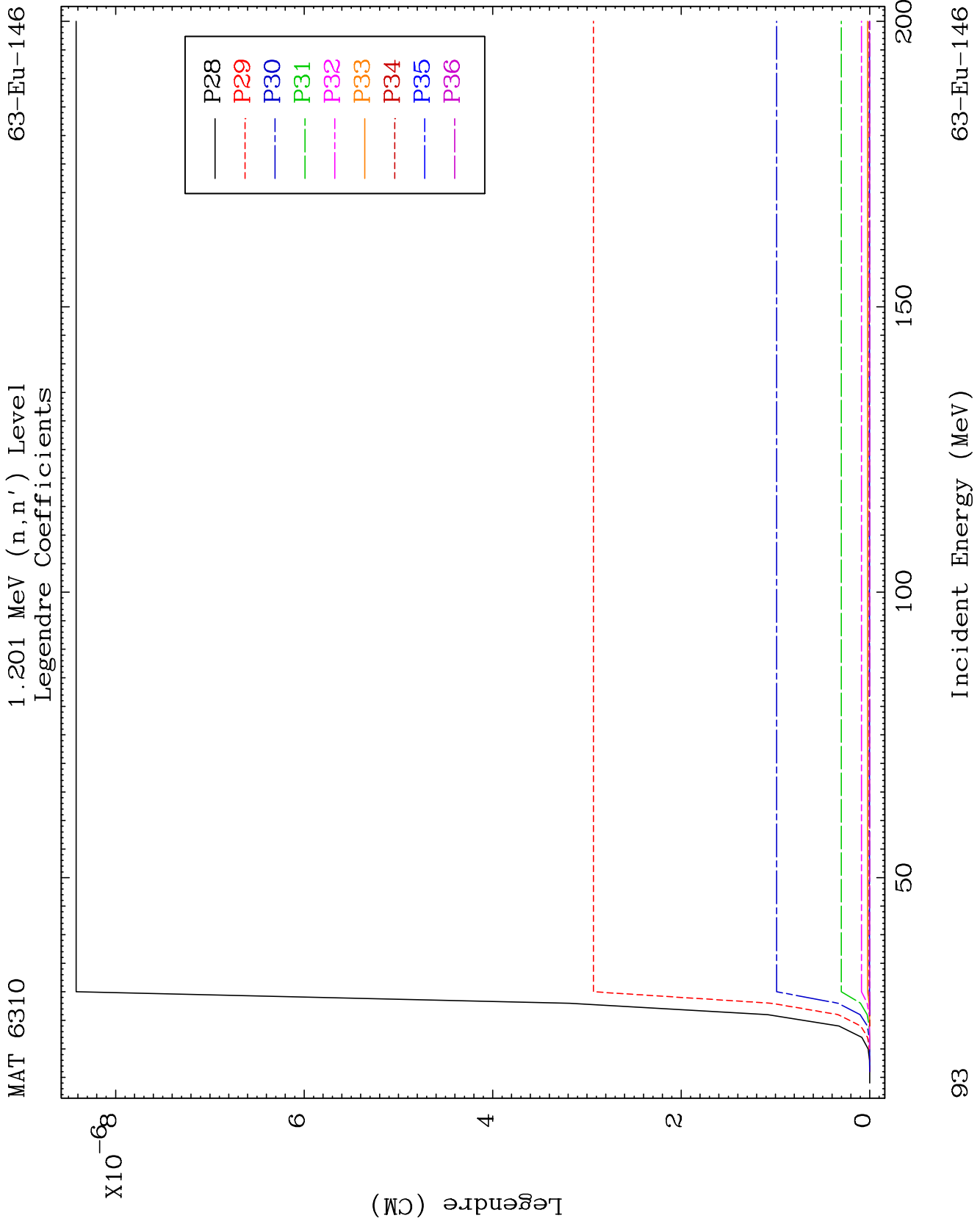
63-Eu-146



92

Incident Energy (MeV)

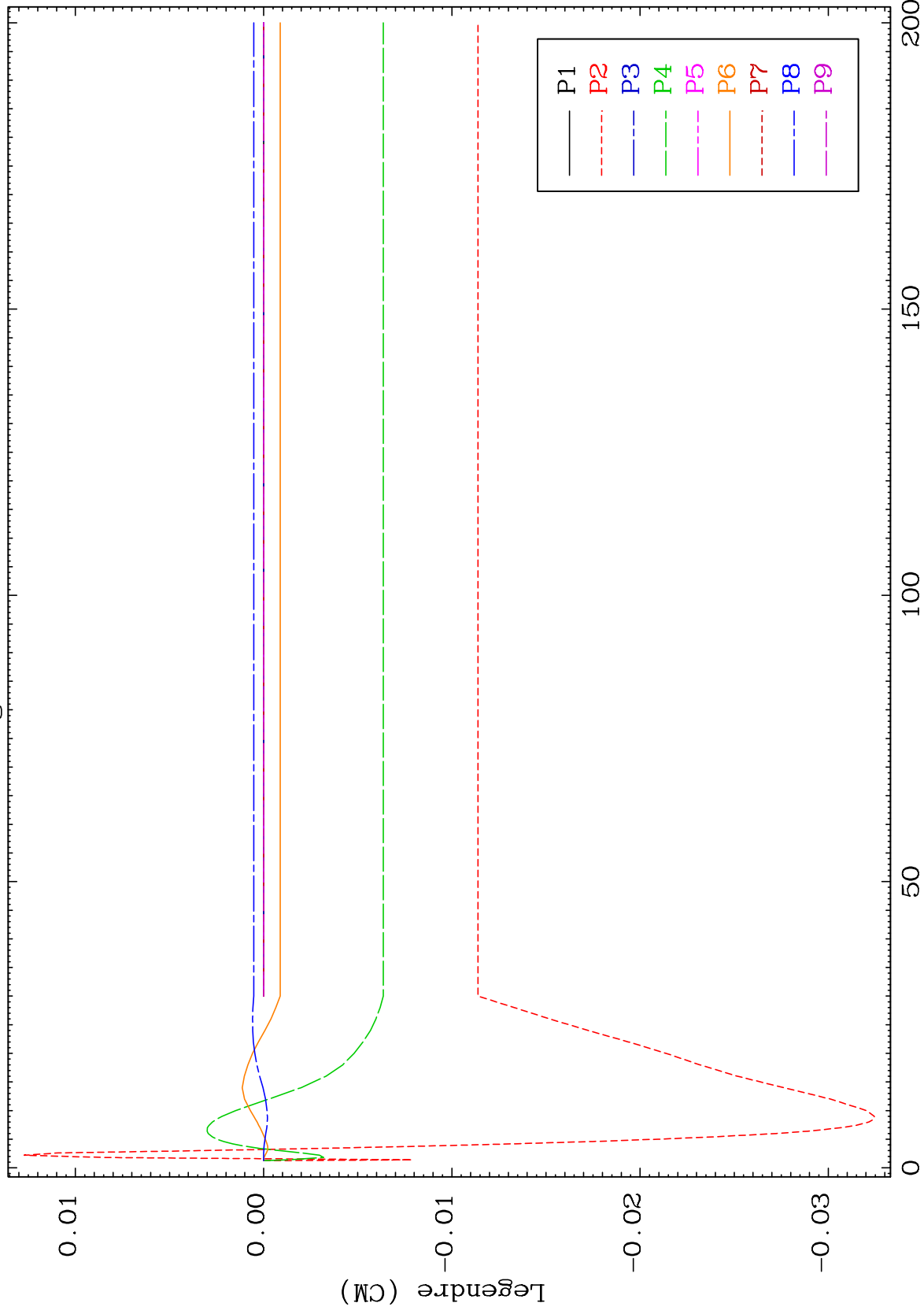
63-Eu-146



MAT 6310

1.235 MeV (n,n') Level
Legendre Coefficients

63-Eu-146



94

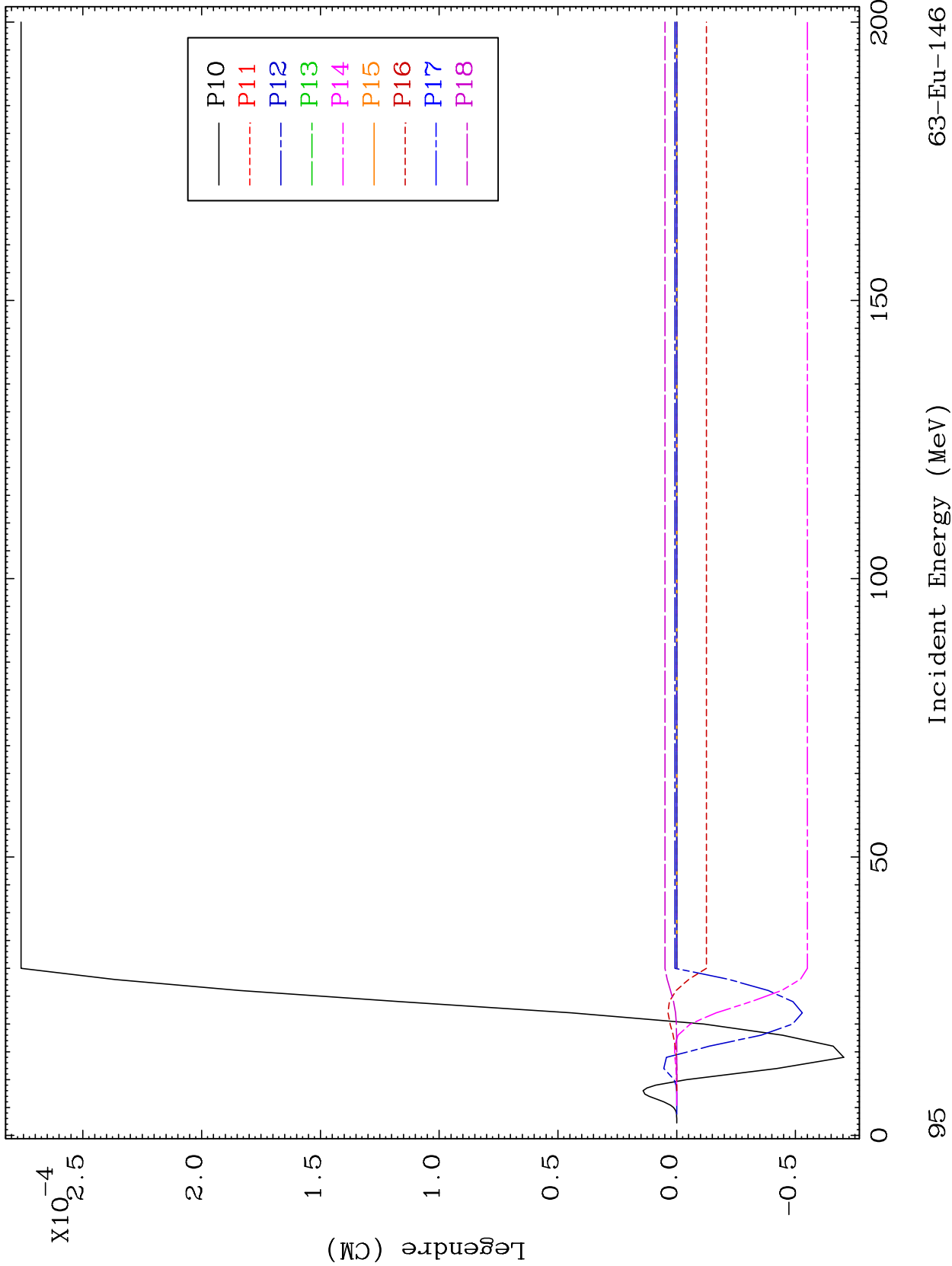
Incident Energy (MeV)

63-Eu-146

MAT 6310

1.235 MeV (n, n') Level
Legendre Coefficients

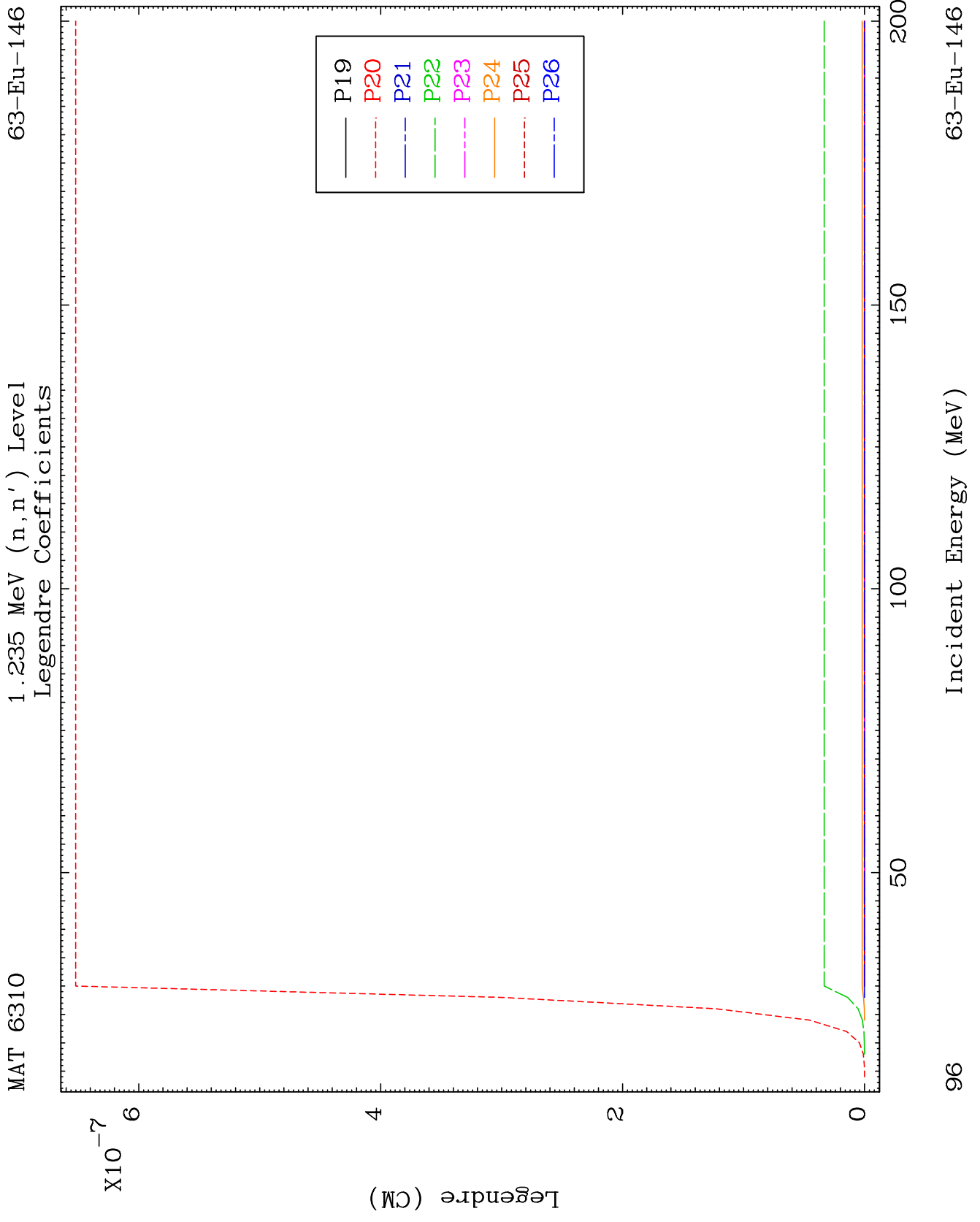
63-Eu-146

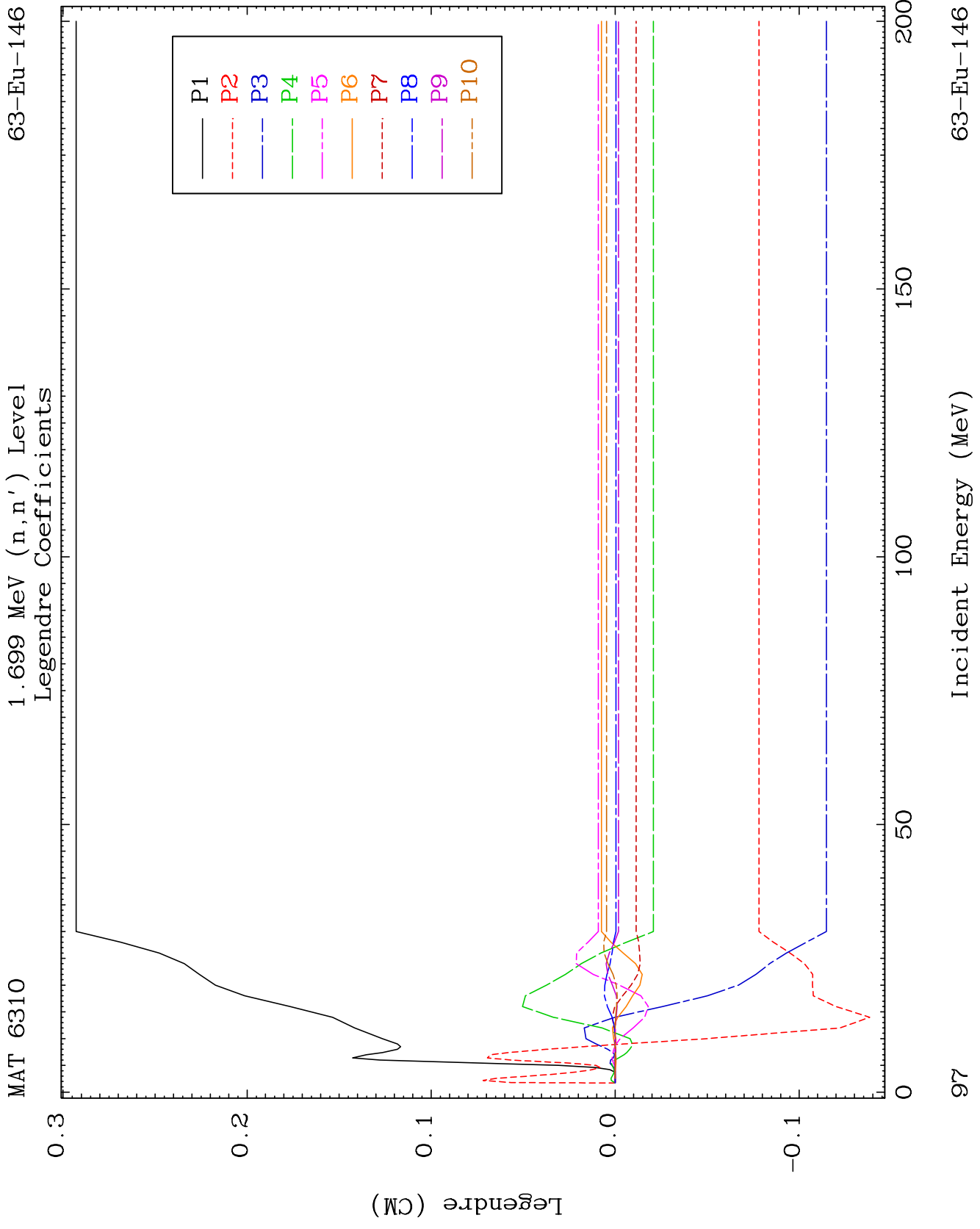


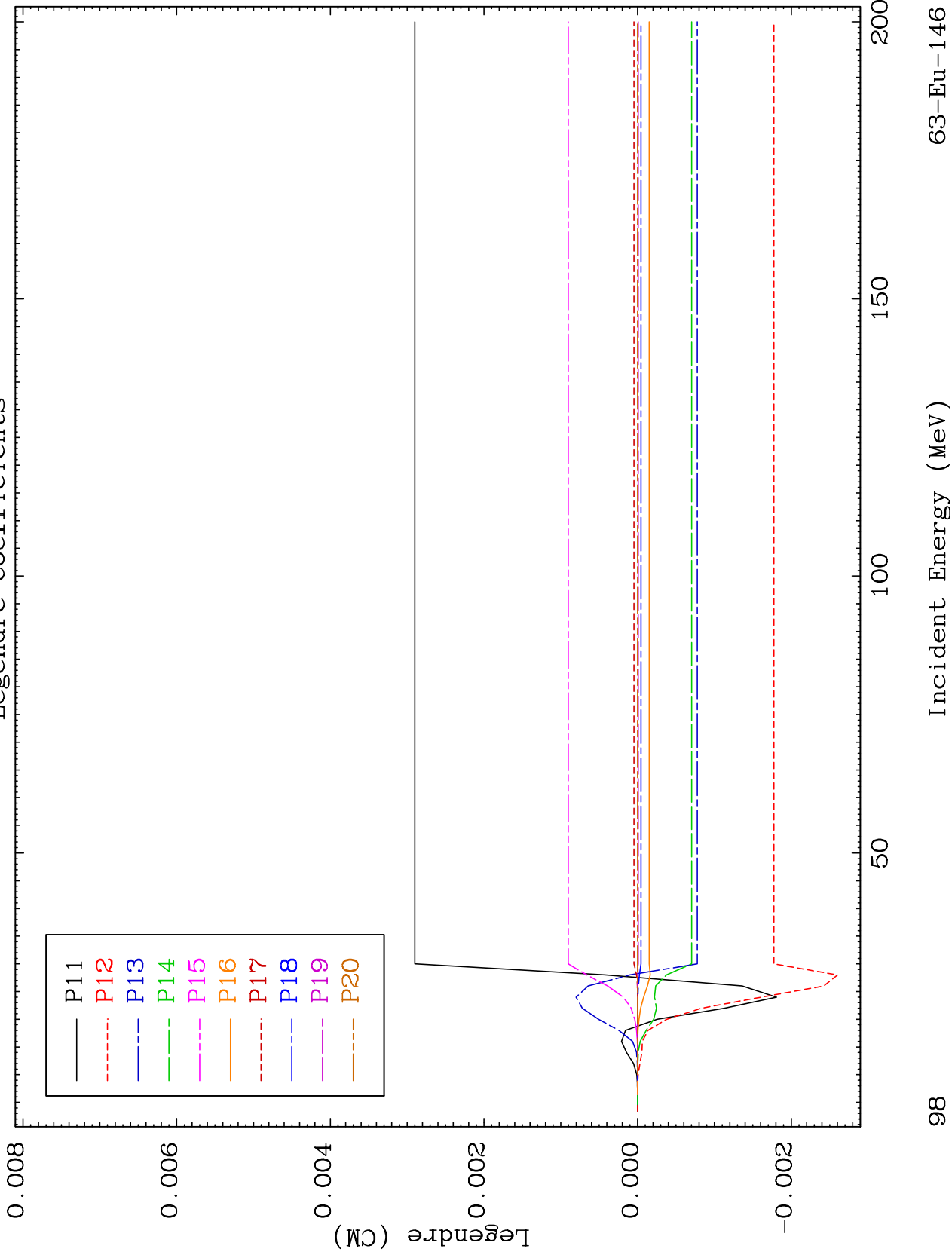
63-Eu-146

Incident Energy (MeV)

95



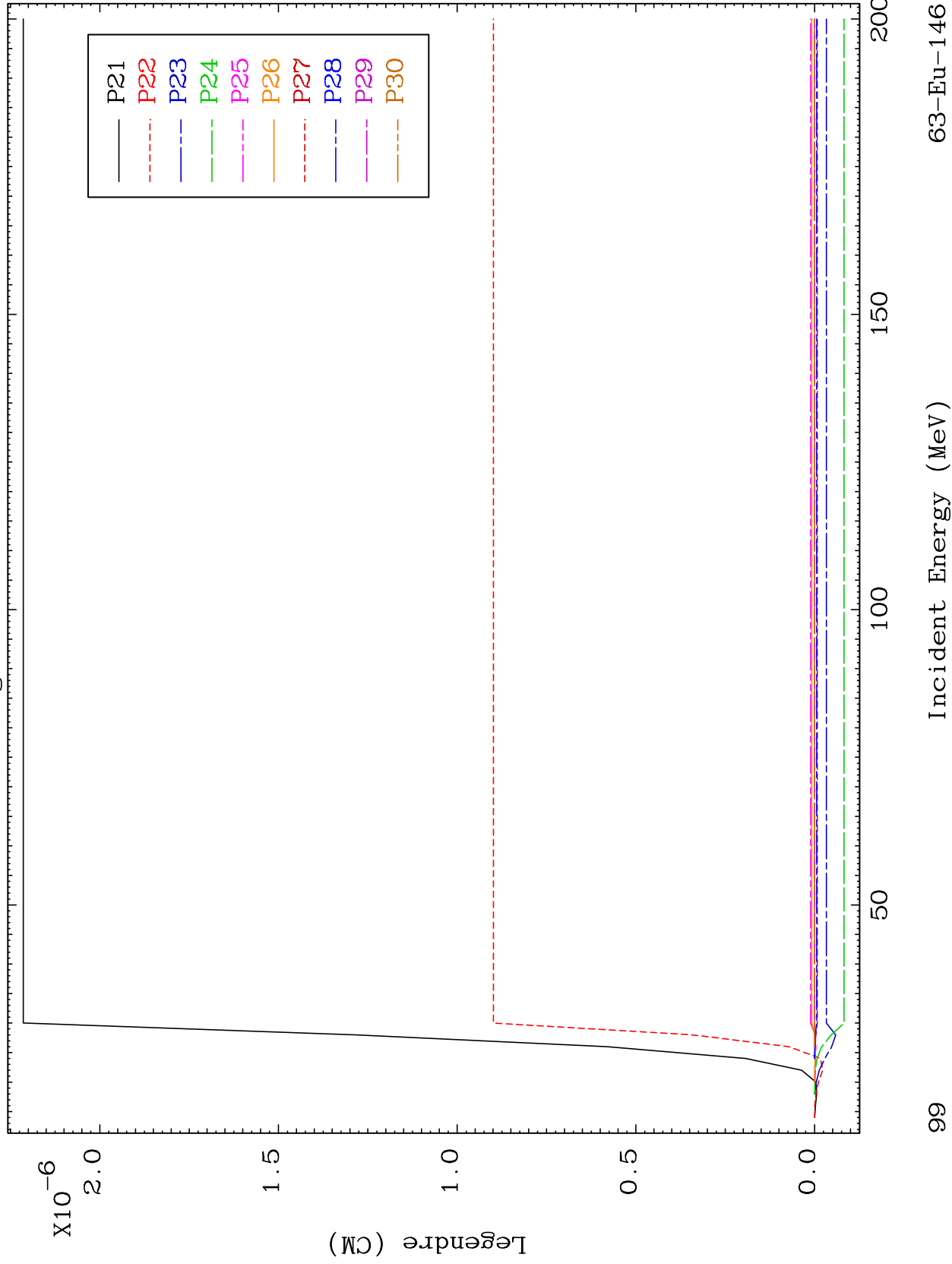




MAT 6310

1.699 MeV (n,n') Level
Legendre Coefficients

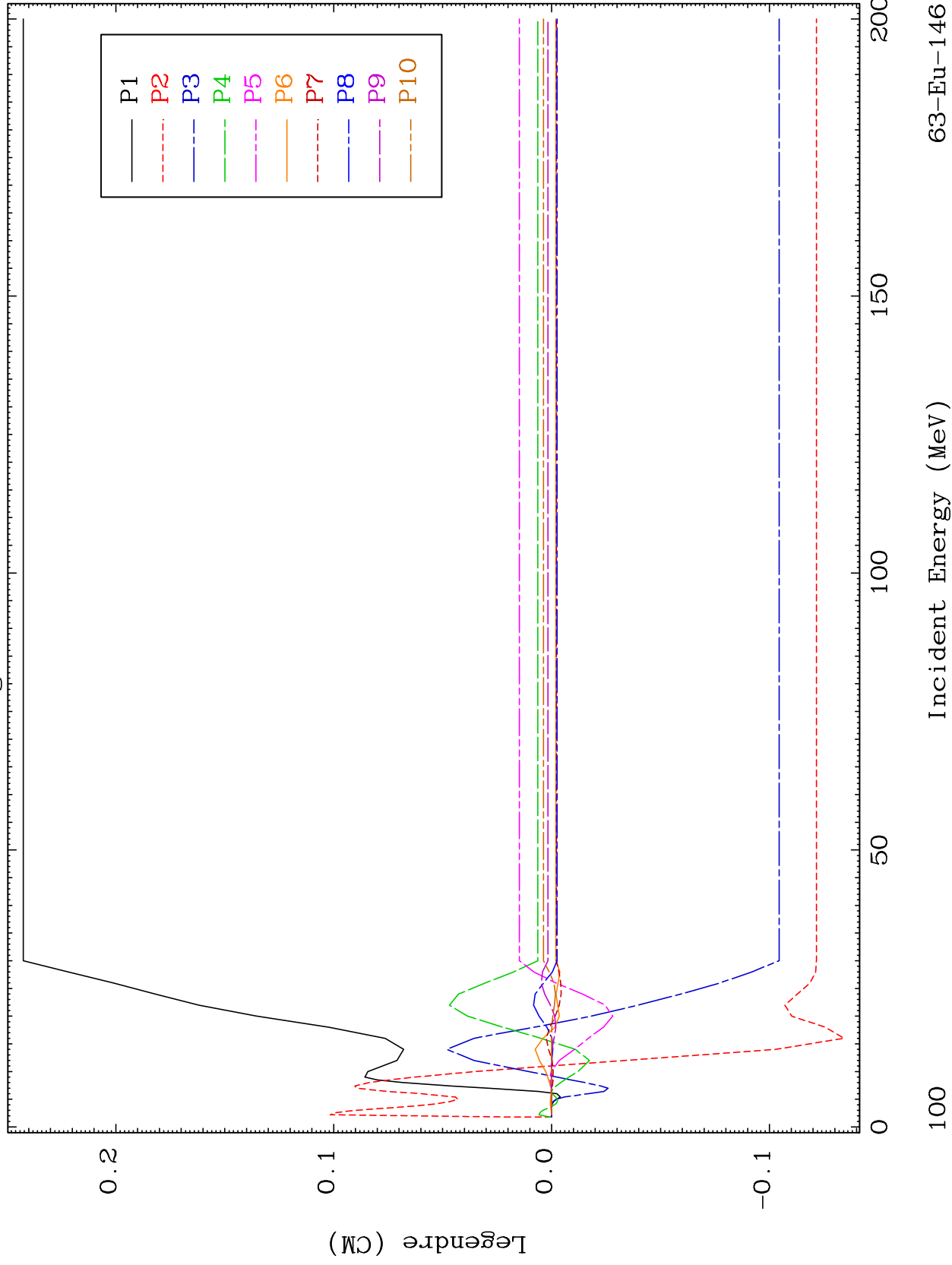
63-Eu-146



MAT 6310

1.769 MeV (n, n') Level
Legendre Coefficients

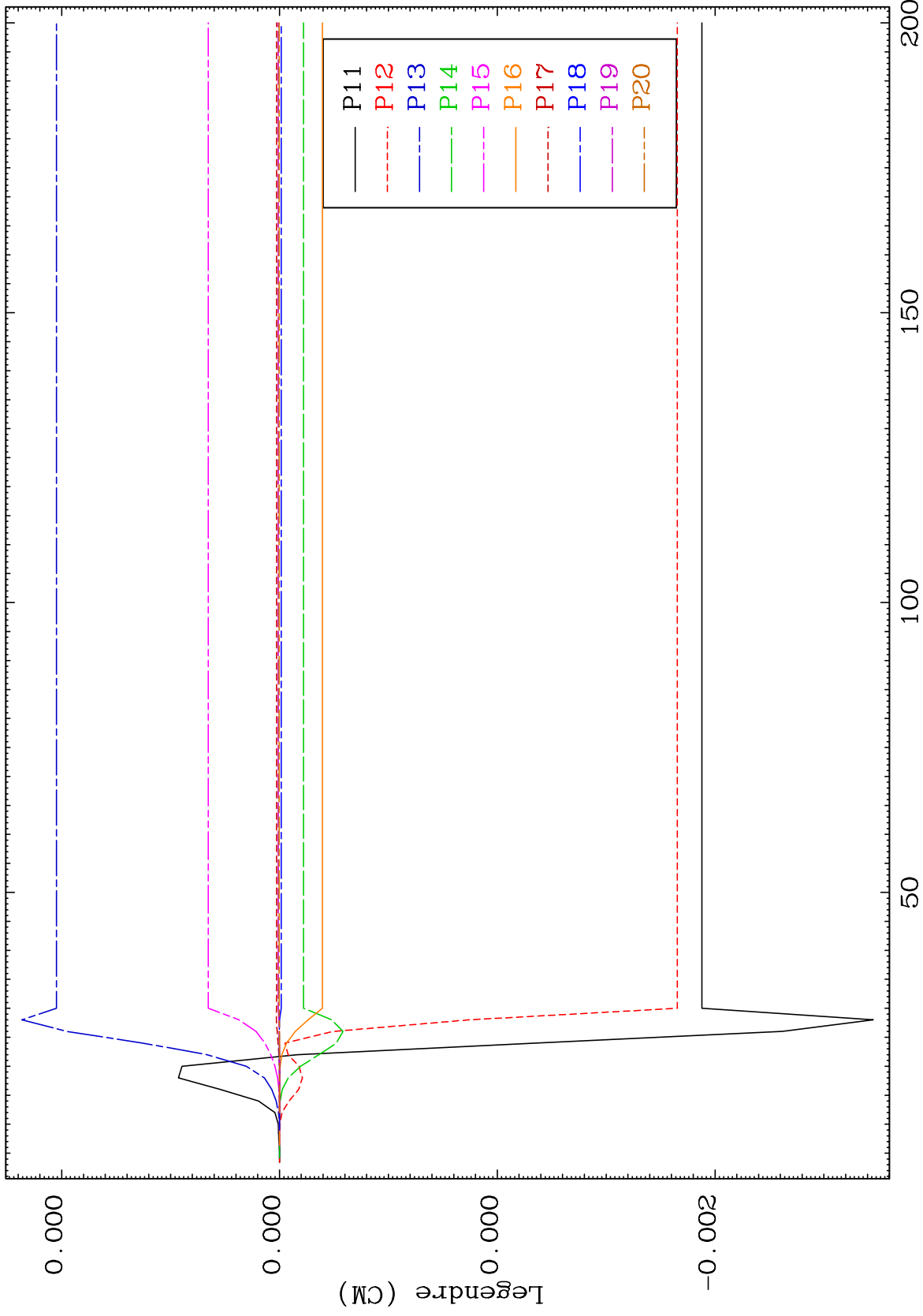
63-Eu-146



MAT 6310

1.769 MeV (n,n') Level
Legendre Coefficients

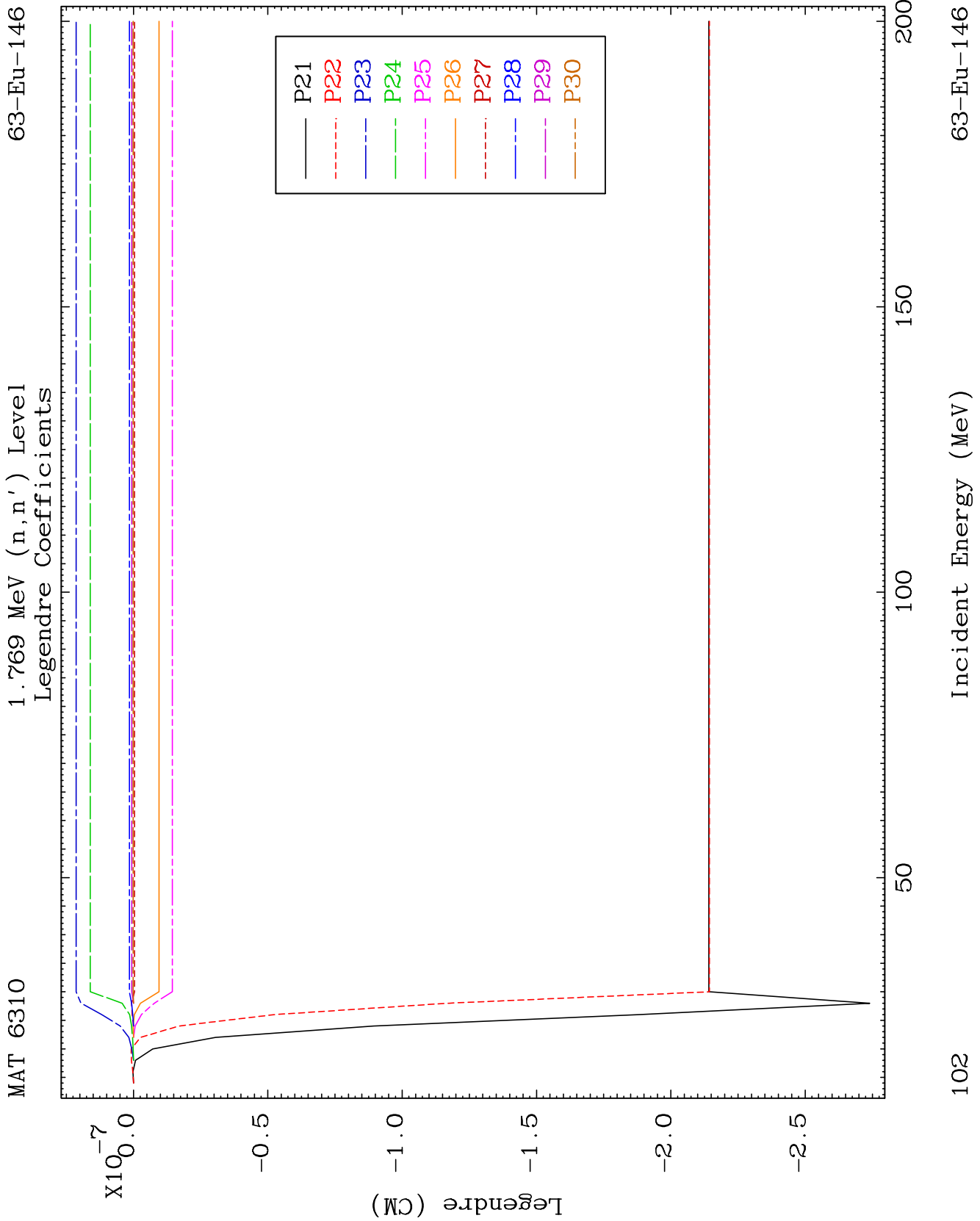
63-Eu-146



101

Incident Energy (MeV)

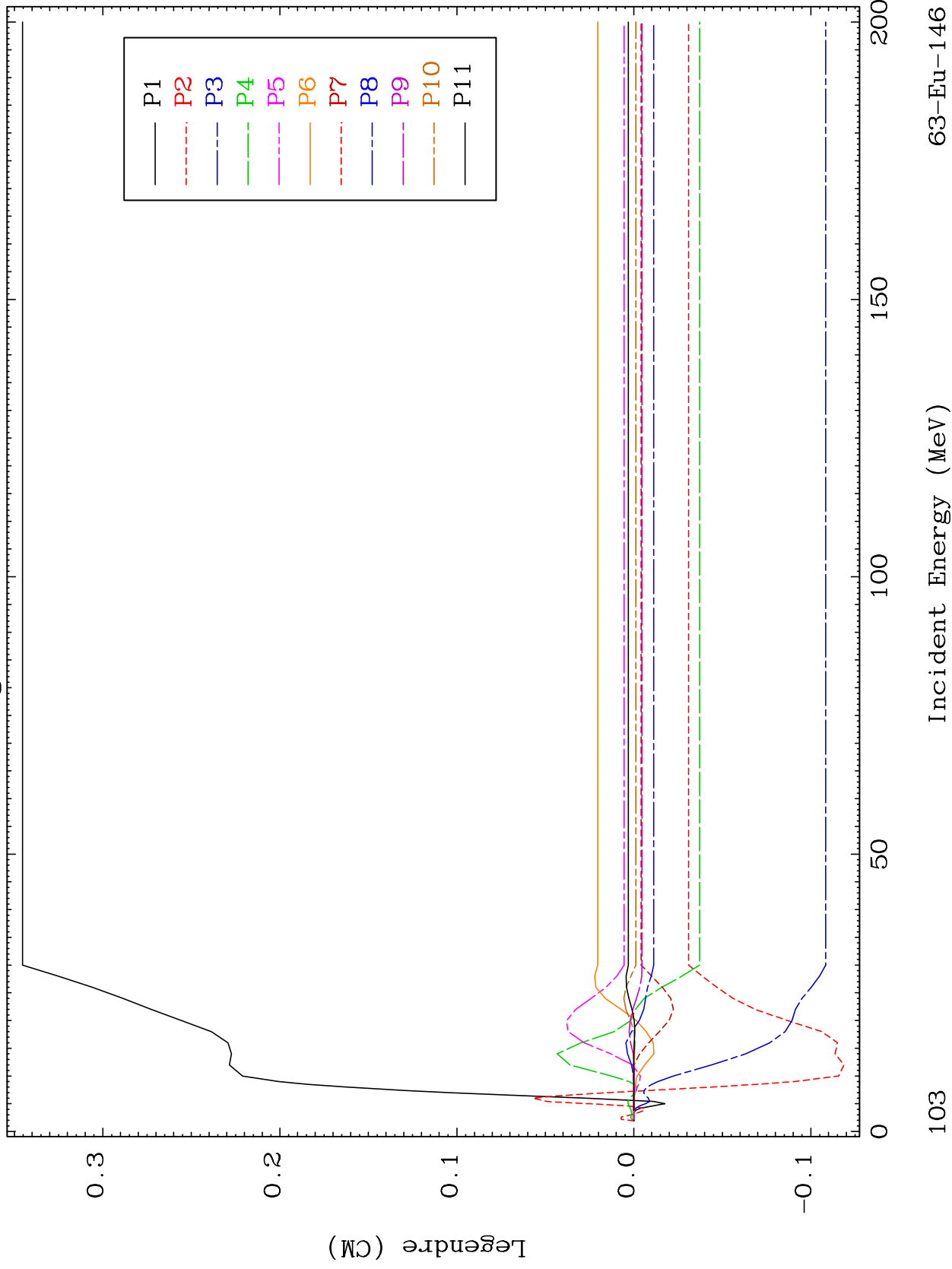
63-Eu-146



MAT 6310

1.883 MeV (n,n') Level
Legendre Coefficients

63-Eu-146



63-Eu-146

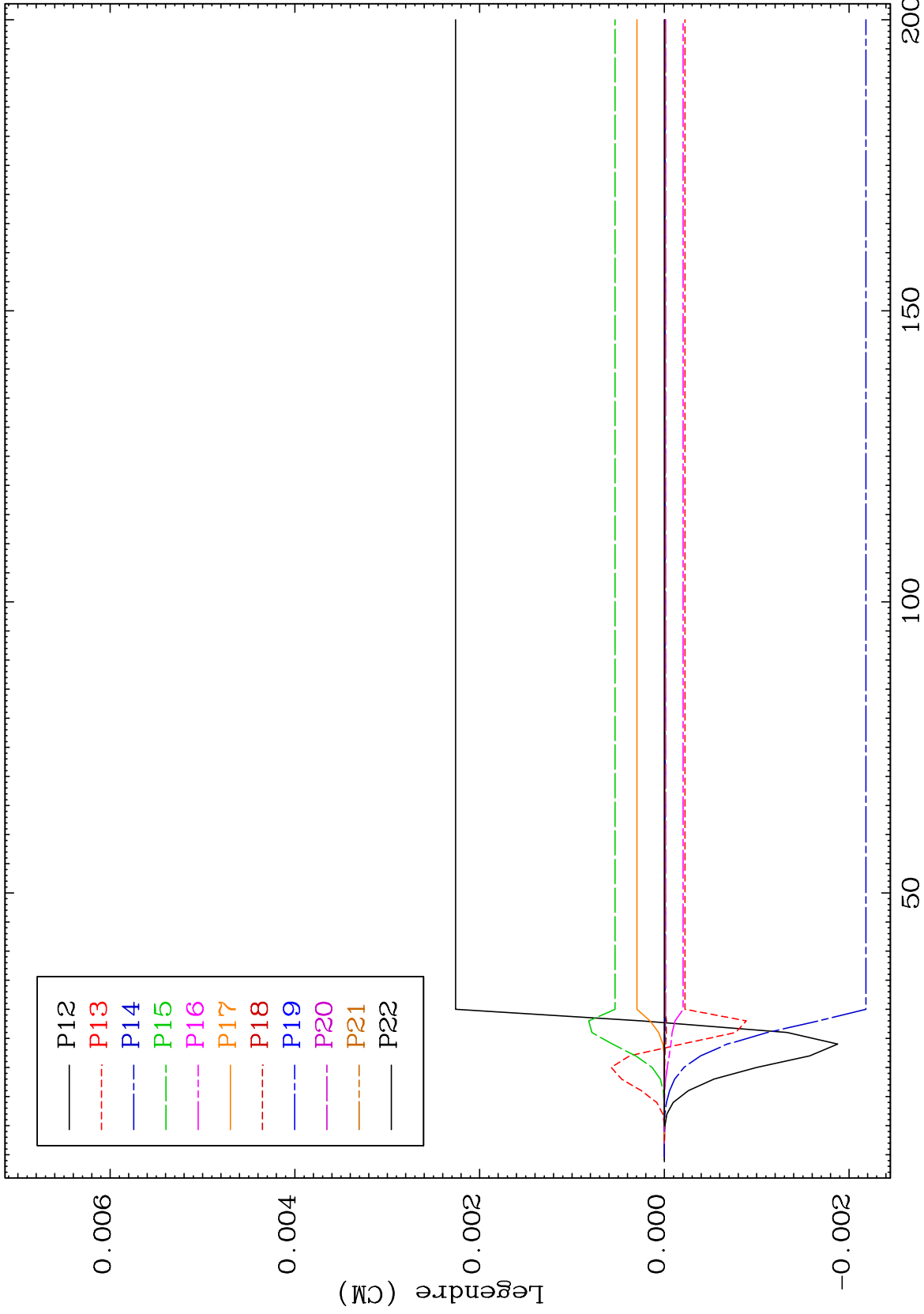
Incident Energy (MeV)

103

MAT 6310

1.883 MeV (n,n') Level
Legendre Coefficients

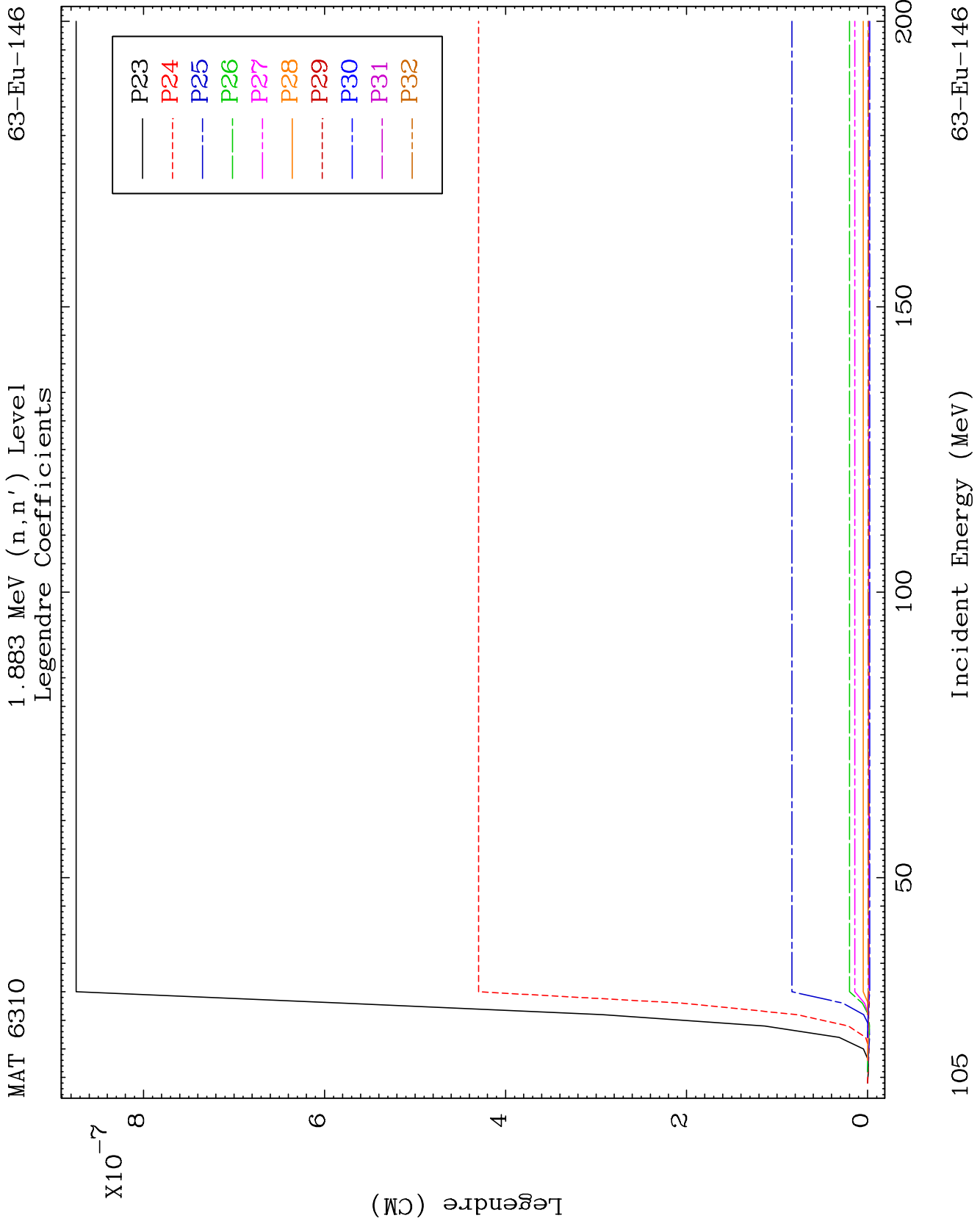
63-Eu-146



104

Incident Energy (MeV)

63-Eu-146

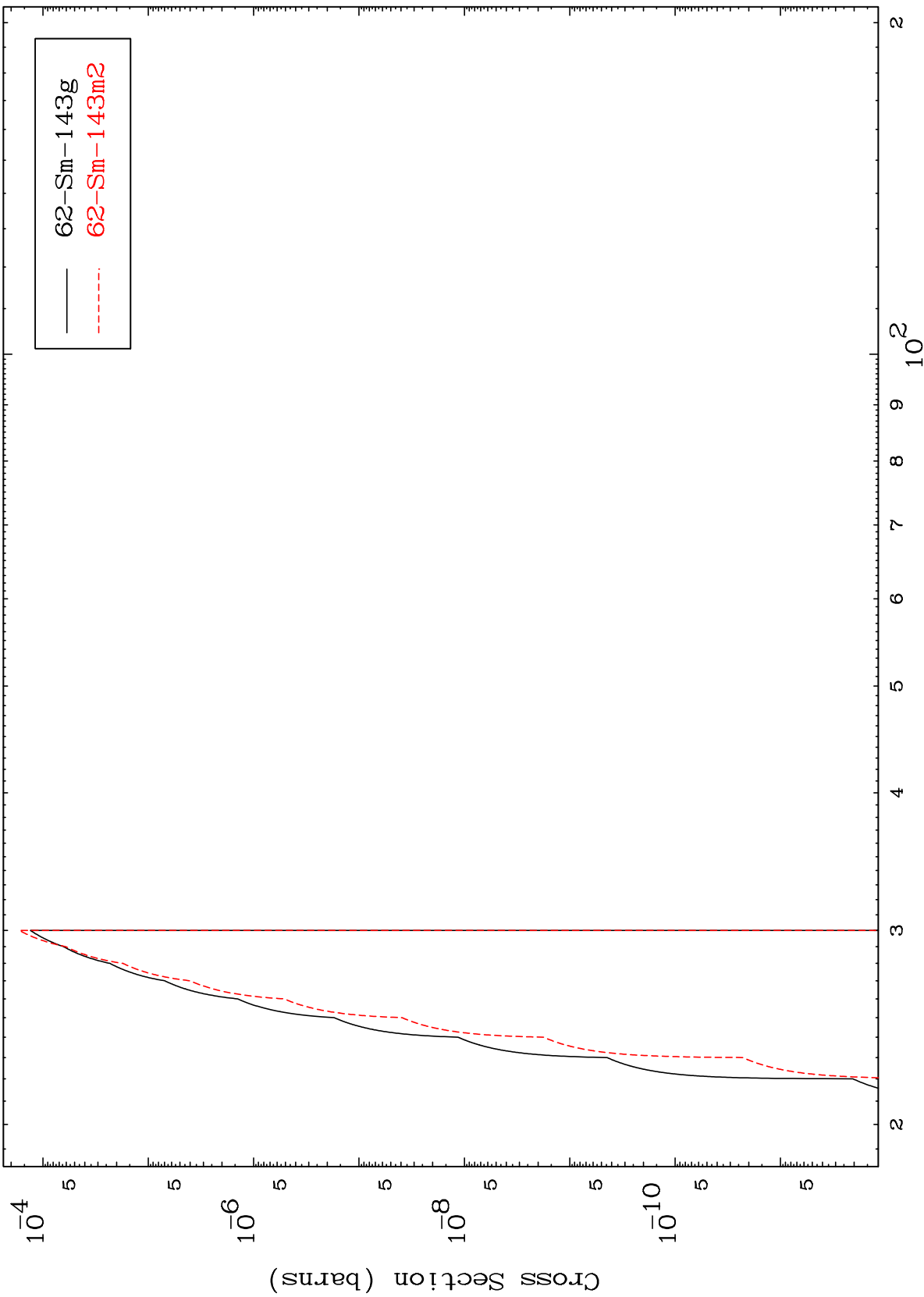


MAT 6310

(n,2n) d

63-Eu-146

Radionuclide Production Cross Section



106

Incident Energy (MeV)

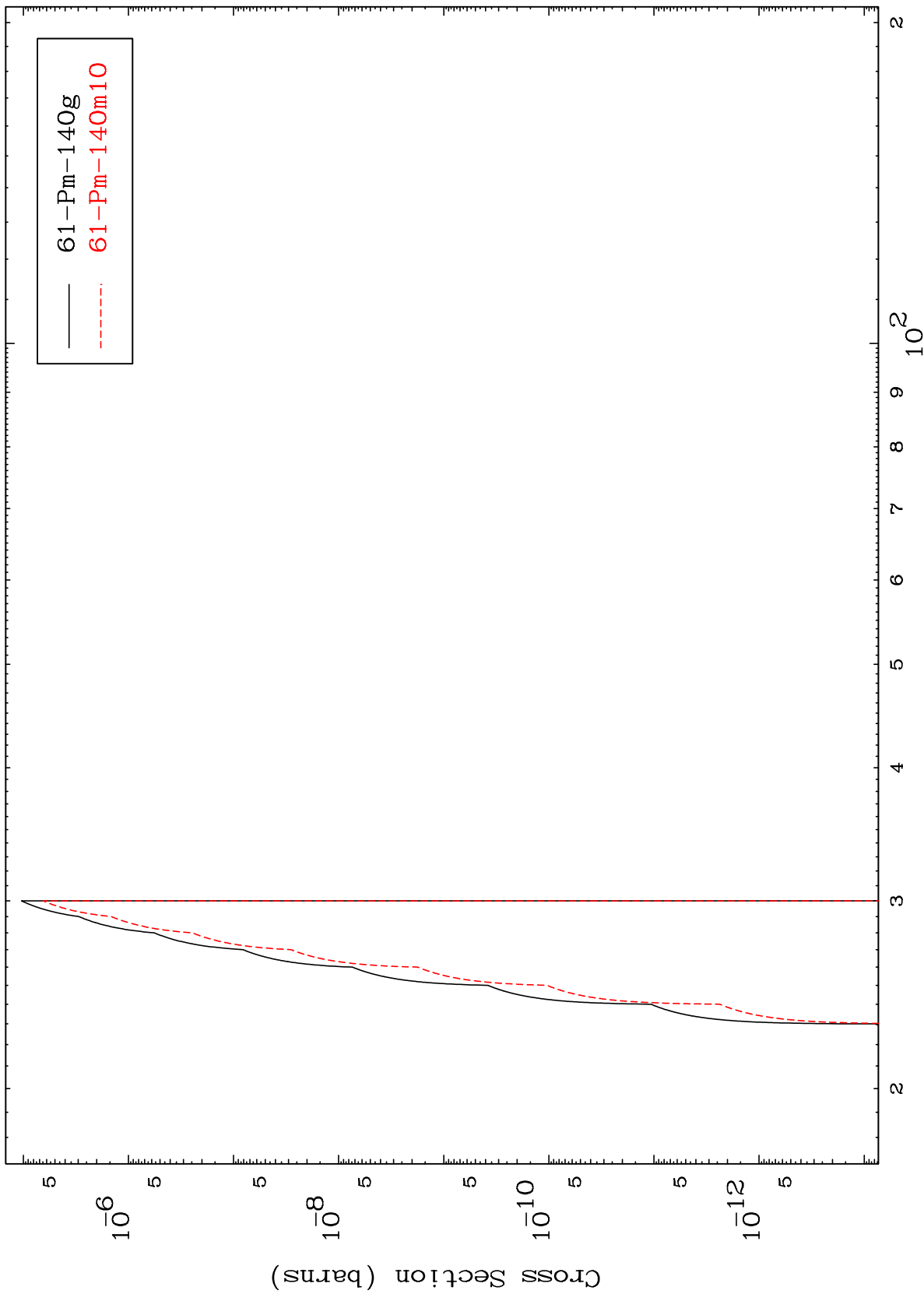
63-Eu-146

MAT 6310

$(n,3n) \alpha$

63-Eu-146

Radionuclide Production Cross Section



107

Incident Energy (MeV)

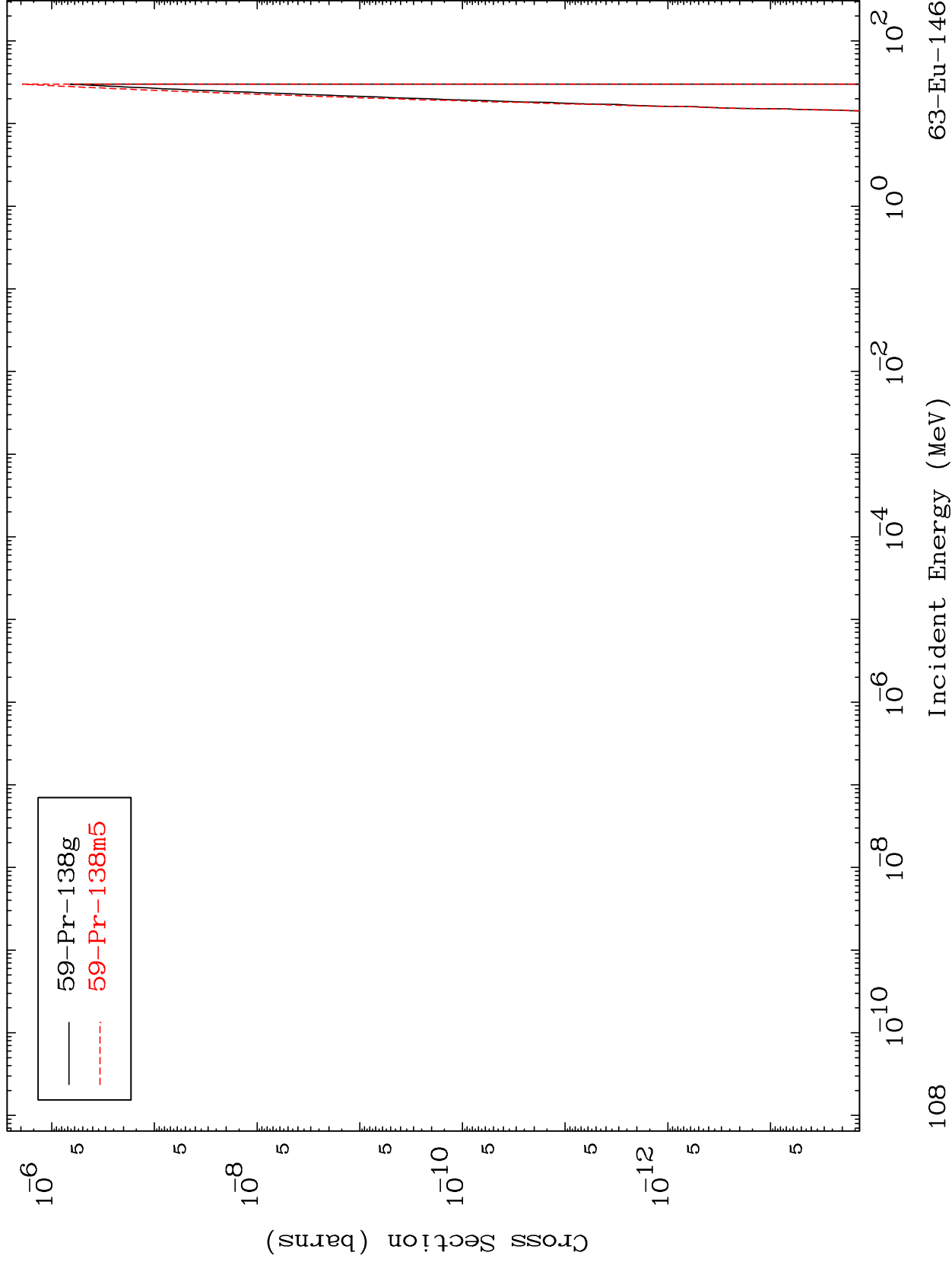
63-Eu-146

MAT 6310

(n,n') 2α

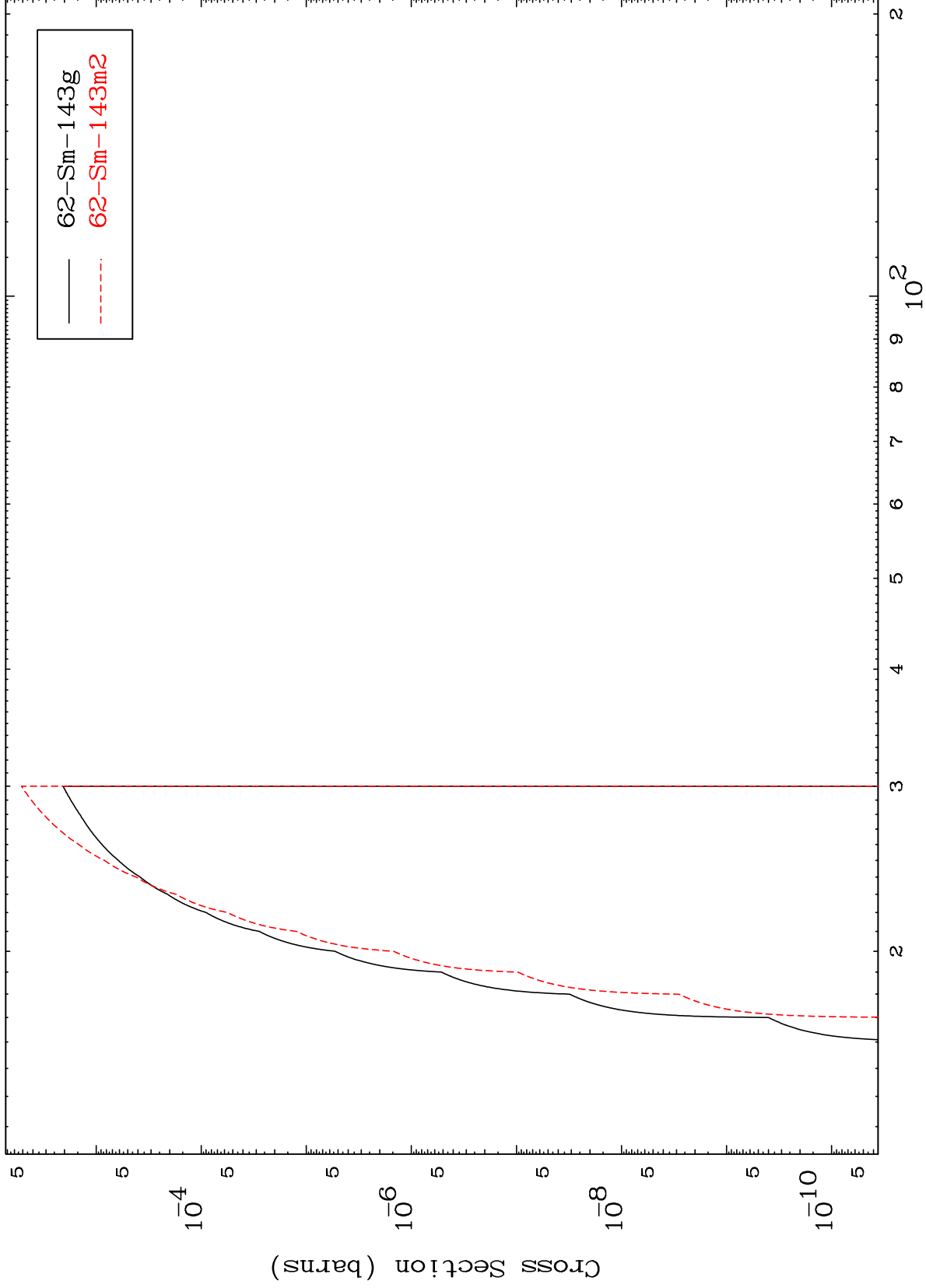
63-Eu-146

Radionuclide Production Cross Section



108

Radionuclide Production Cross Section

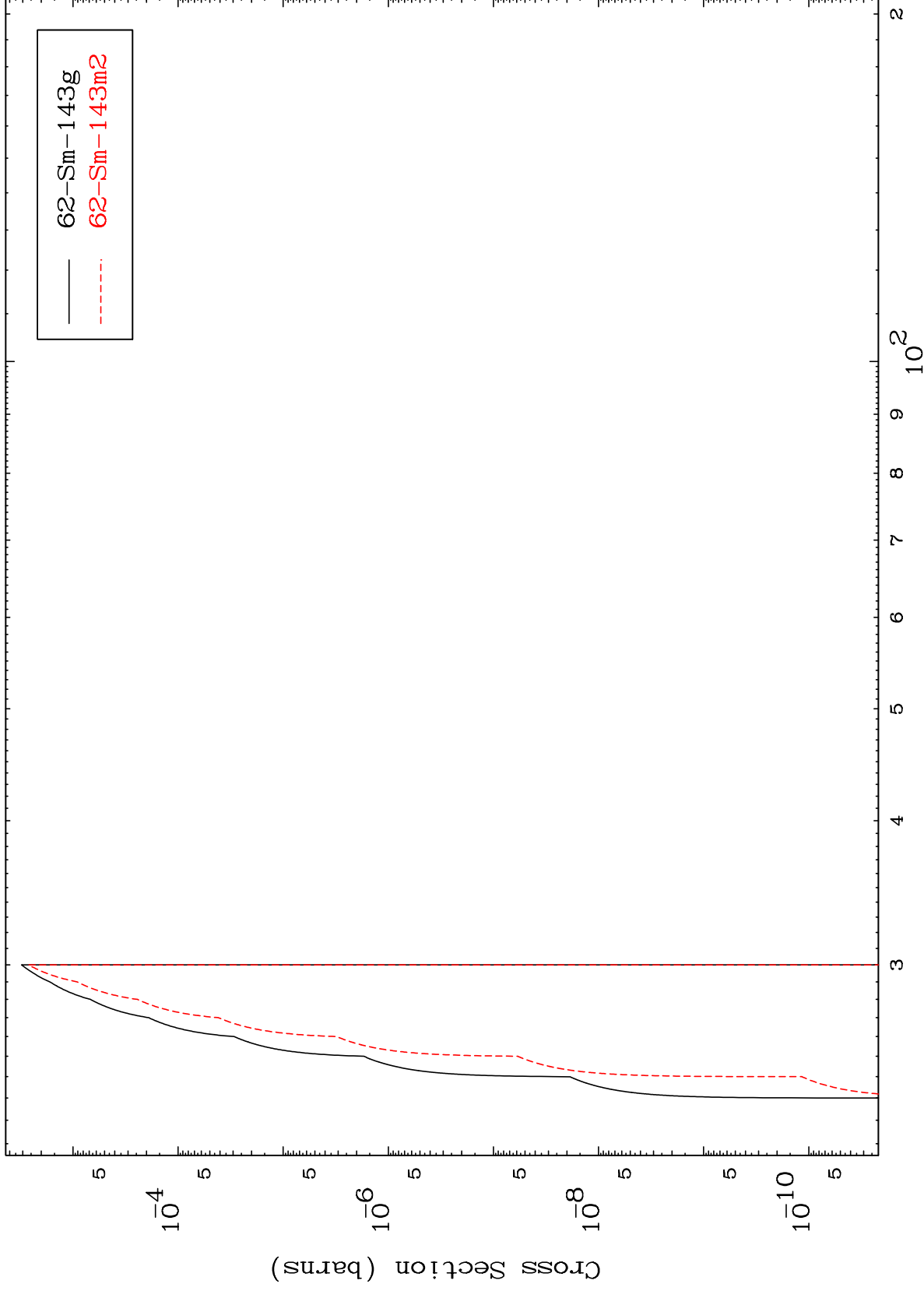


MAT 6310

(n,3n) p

63-Eu-146

Radionuclide Production Cross Section



110

Incident Energy (MeV)

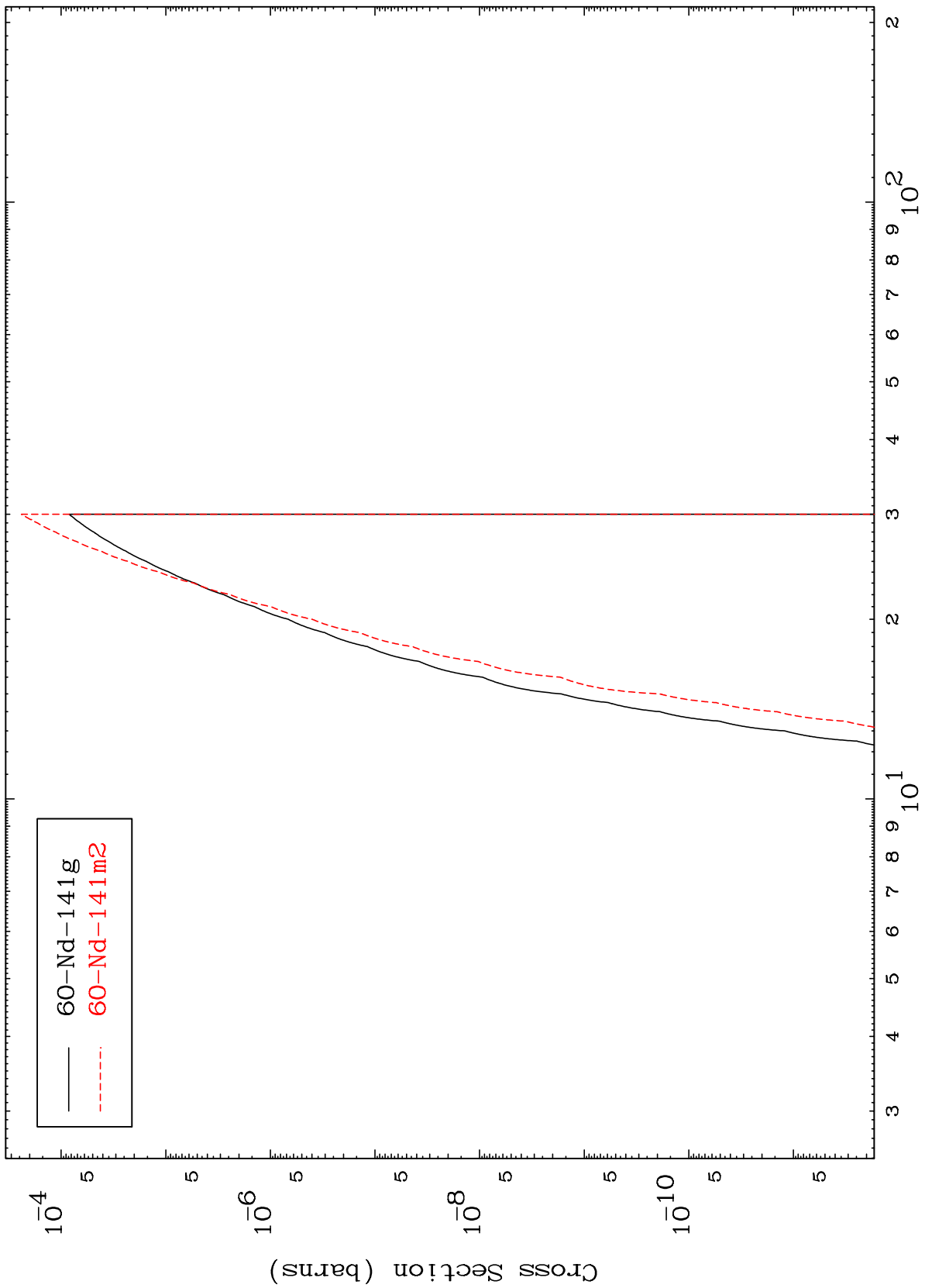
63-Eu-146

MAT 6310

(n,n') p α

63-Eu-146

Radionuclide Production Cross Section



60-Nd-141g
60-Nd-141m2

111

Incident Energy (MeV)

63-Eu-146

MAT 6310

(n,d) α

$^{63}\text{Eu}-146$

