

Program EVALPLOT  
(Version 2015-2)

by

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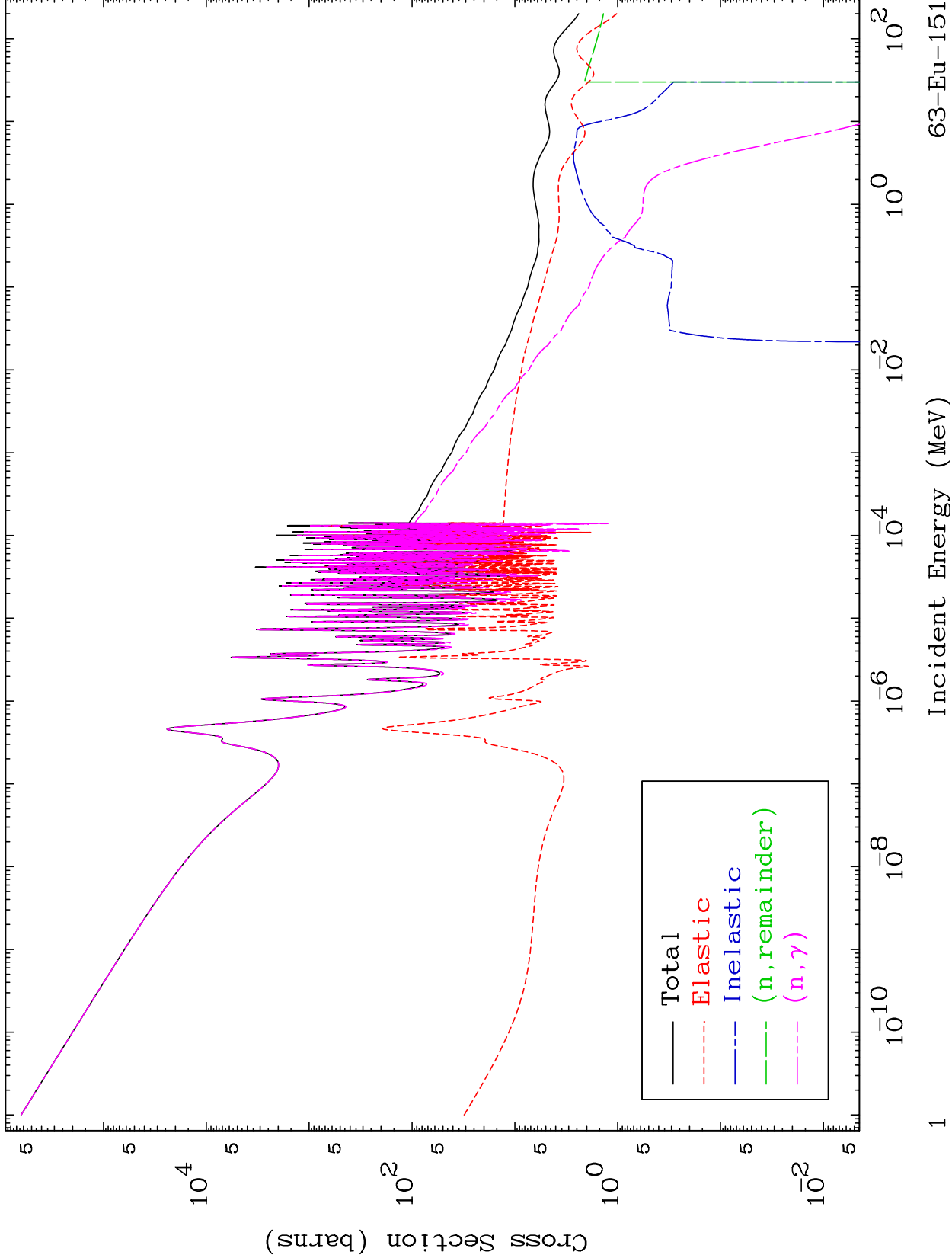
Press Mouse Button to Start

MAT 6325

Major

293 Kelvin Cross Sections

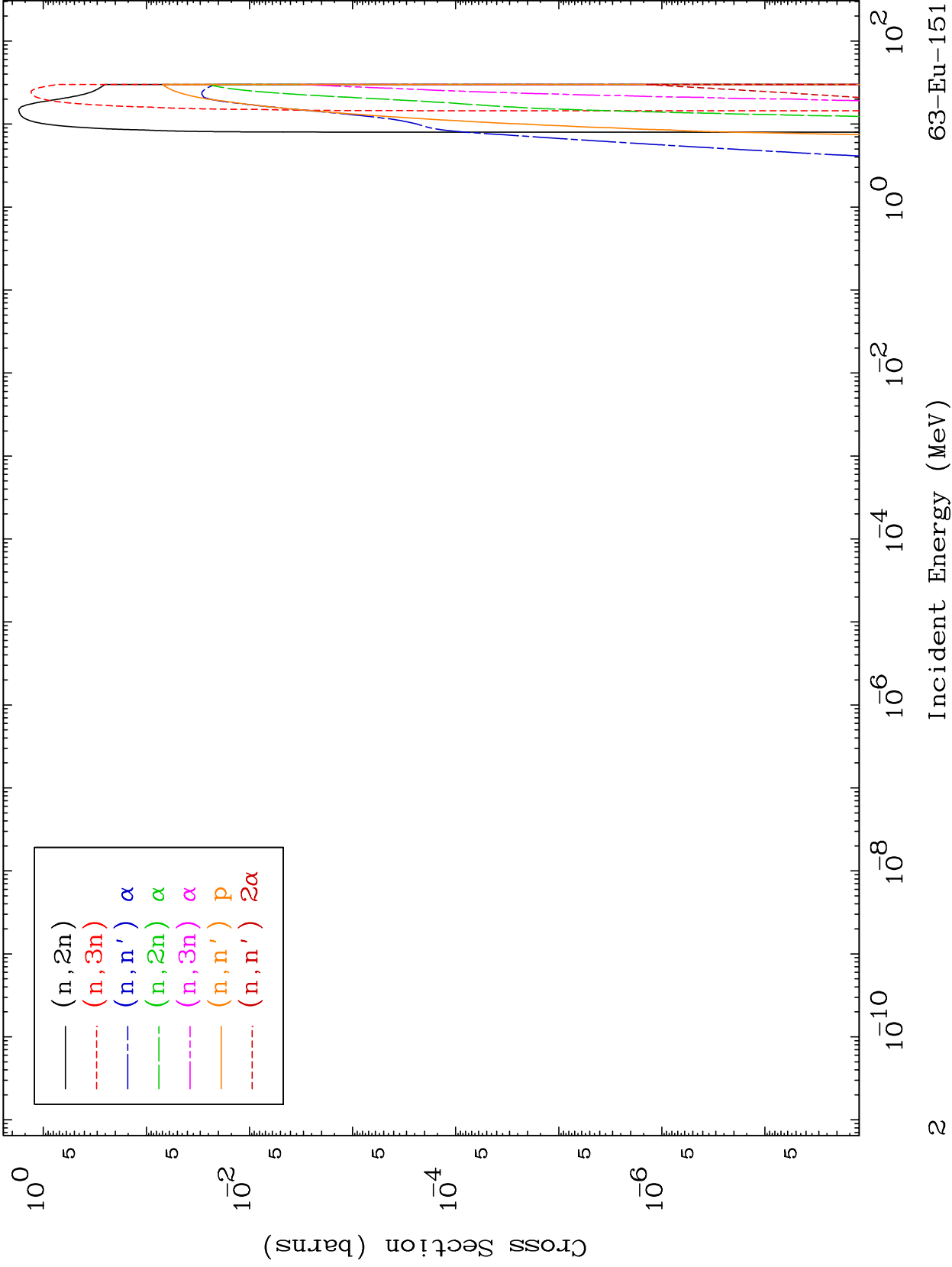
63-Eu-151

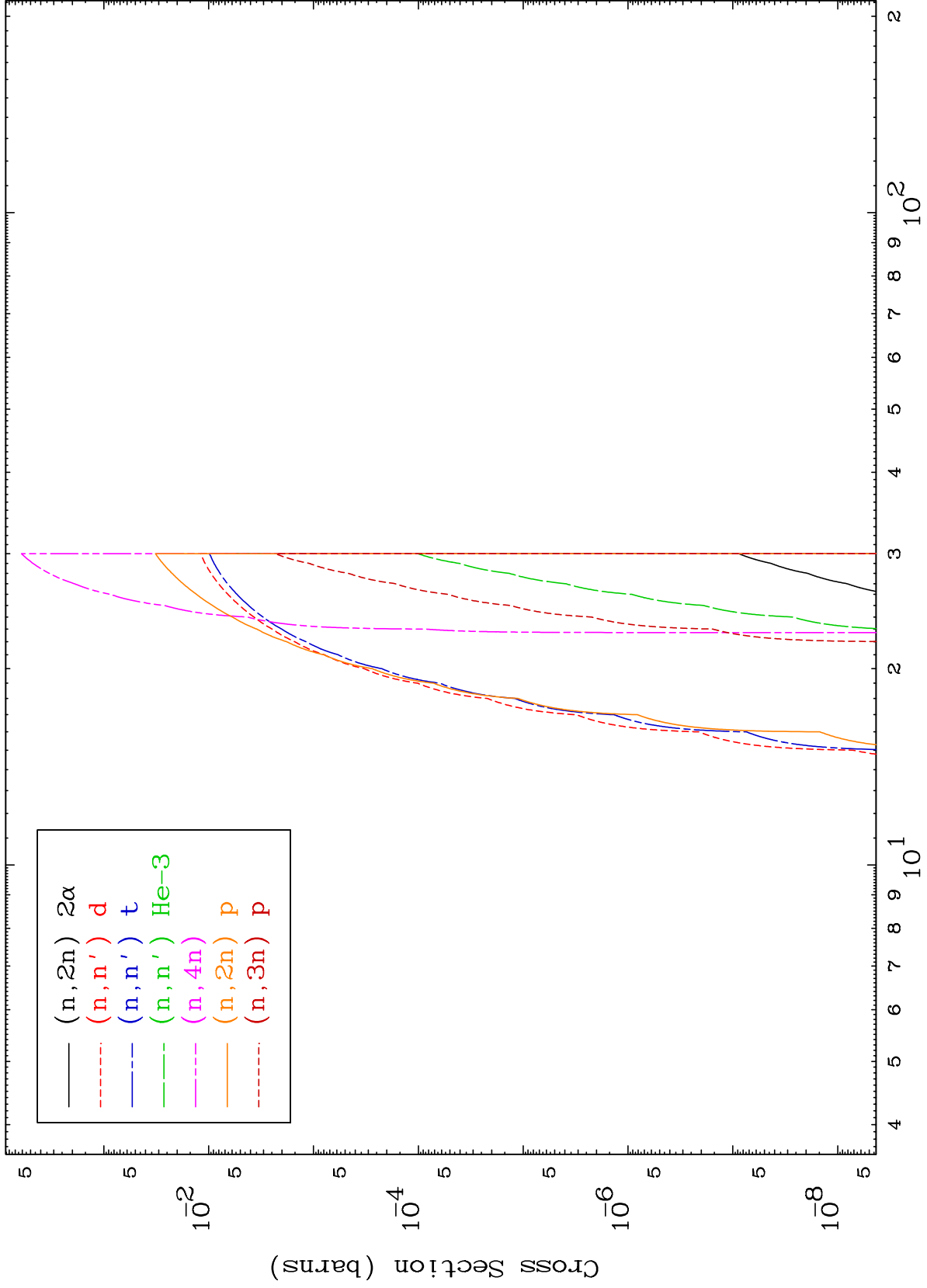


MAT 6325

Neutron Production  
293 Kelvin Cross Sections

63-Eu-151

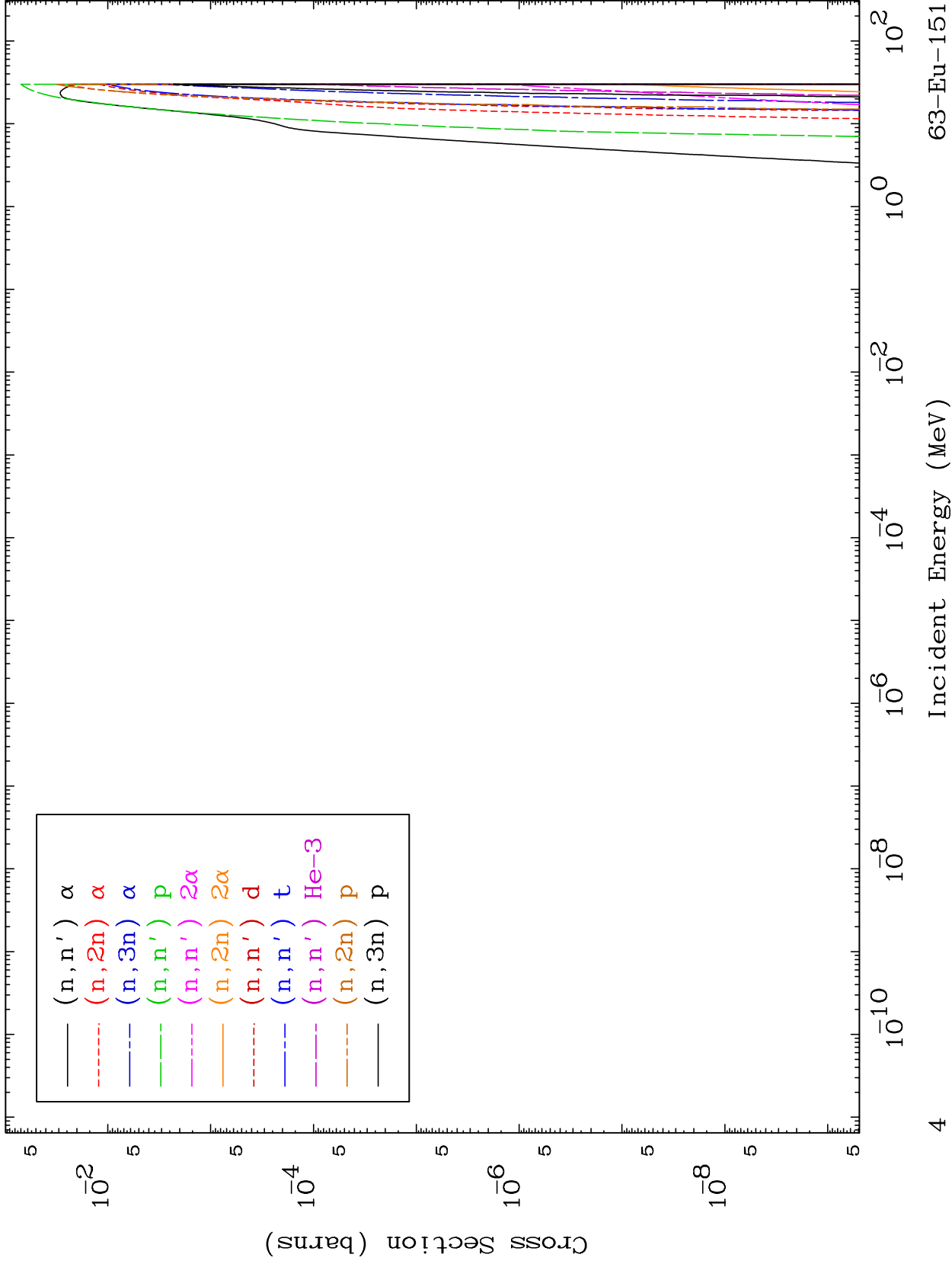




MAT 6325

Charged Particle  
293 Kelvin Cross Sections

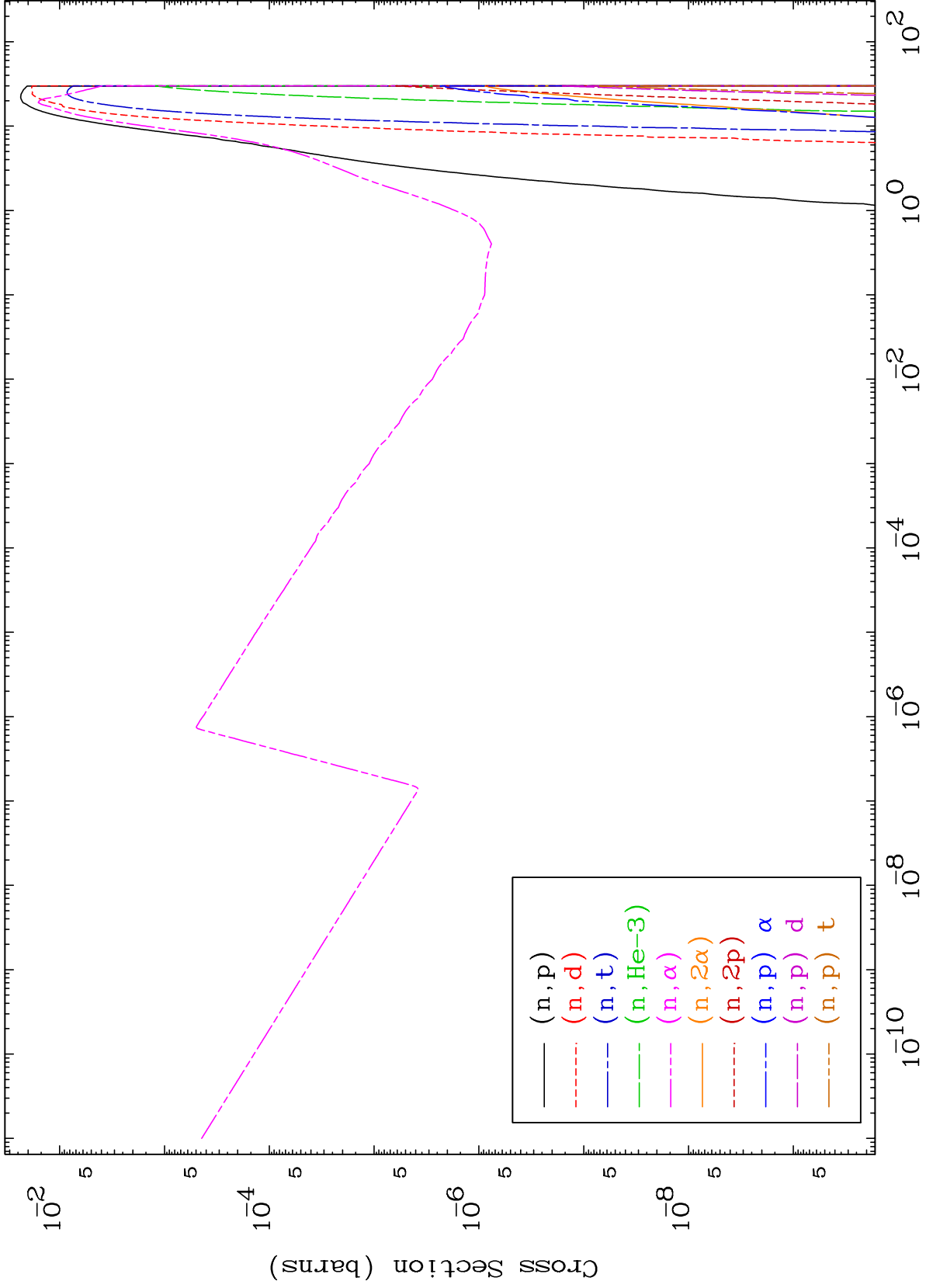
63-Eu-151

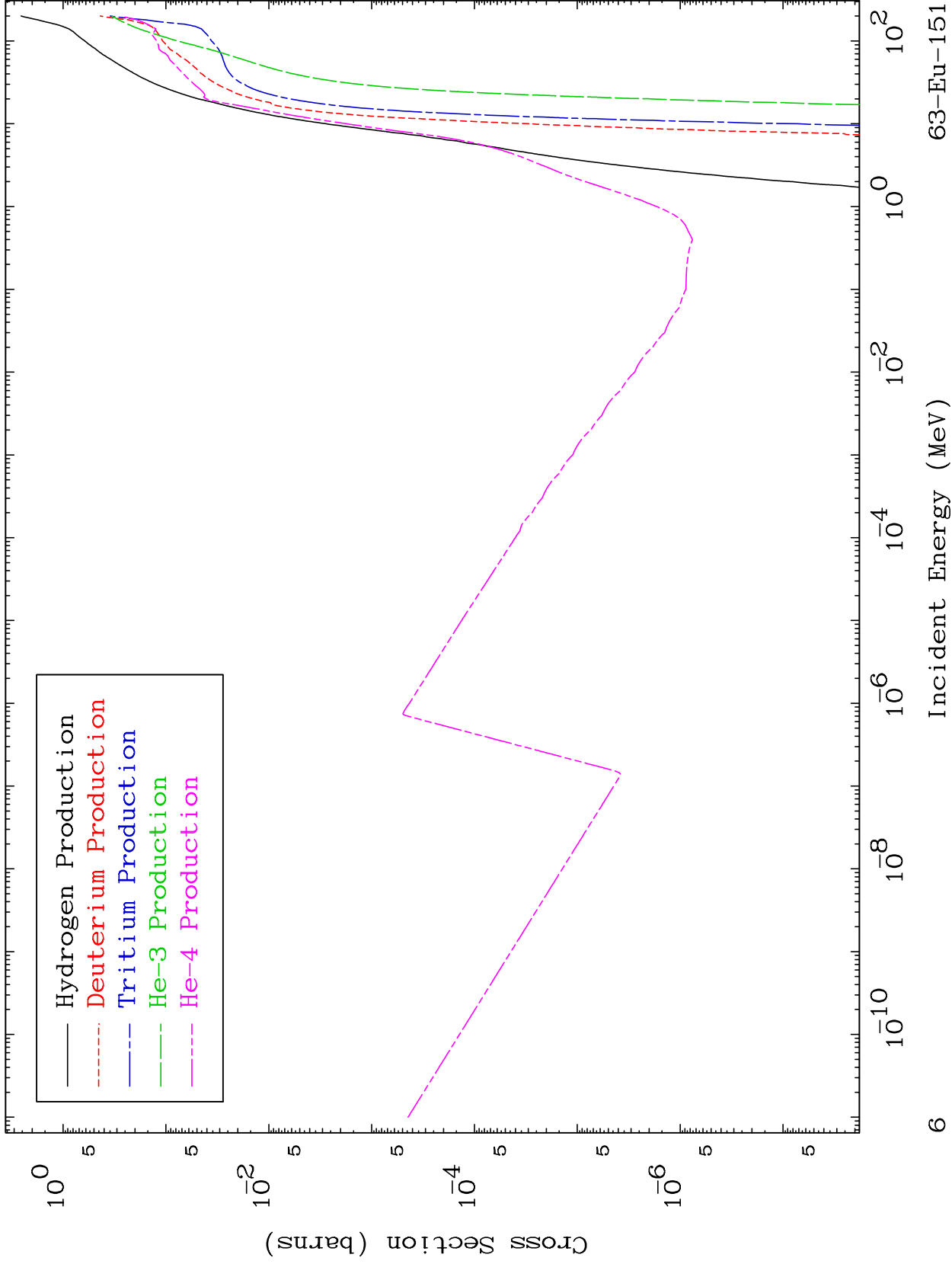


MAT 6325

Charged Particle  
293 Kelvin Cross Sections

63-Eu-151

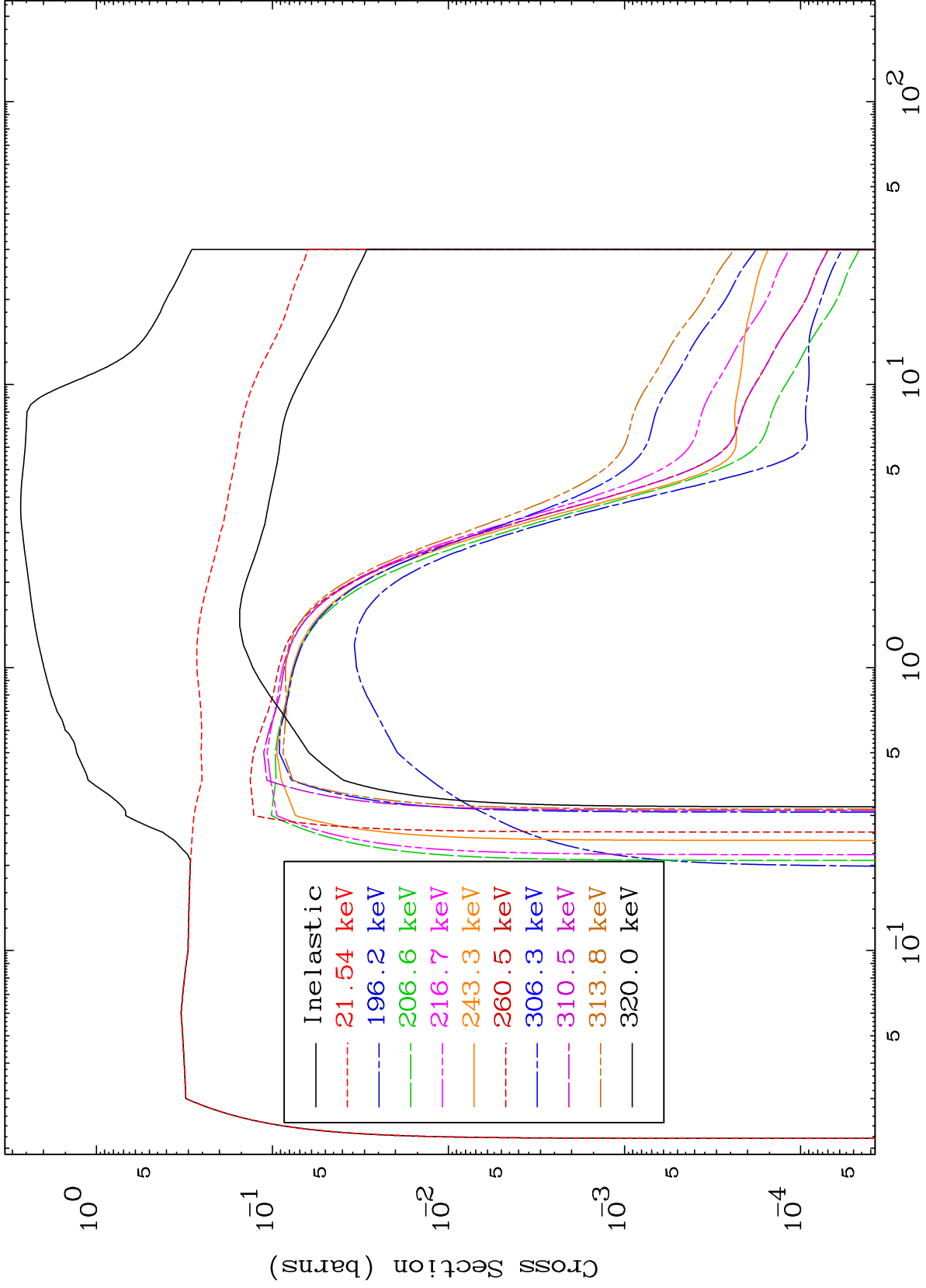




MAT 6325

(n,n') Level  
293 Kelvin Cross Sections

63-Eu-151

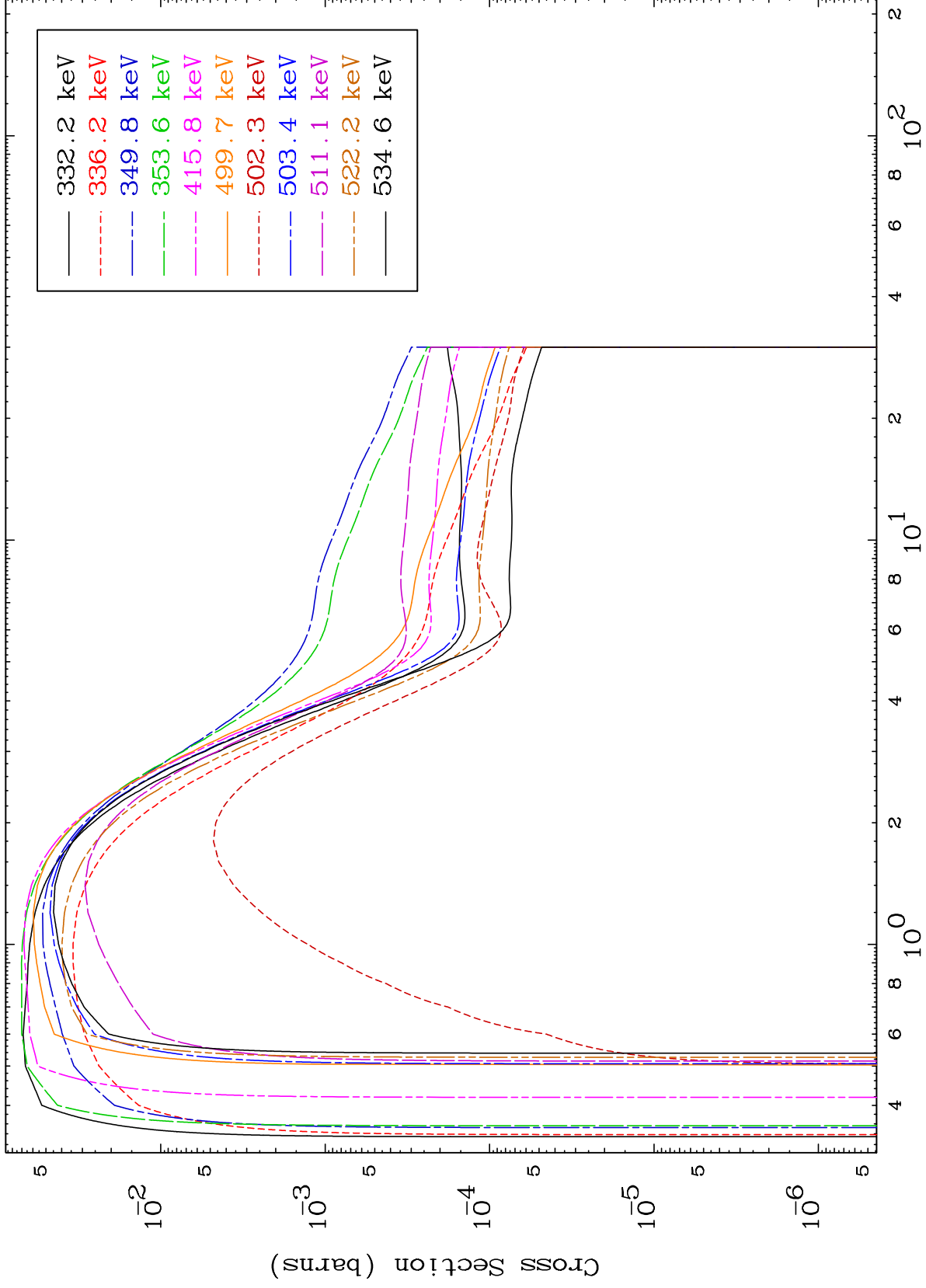




MAT 6325

(n,n') Level  
293 Kelvin Cross Sections

63-Eu-151

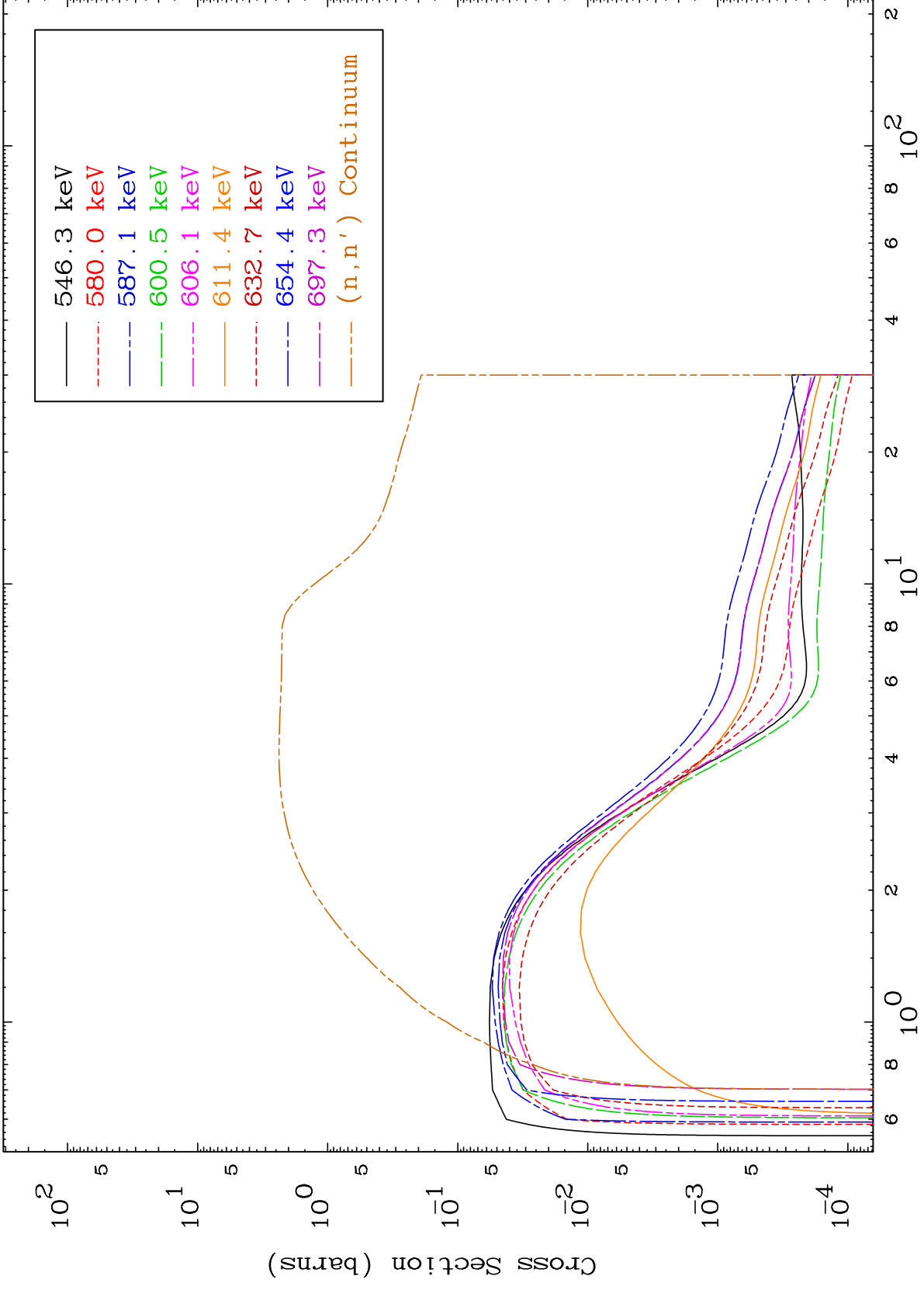


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Incident Energy (MeV)

63-Eu-151

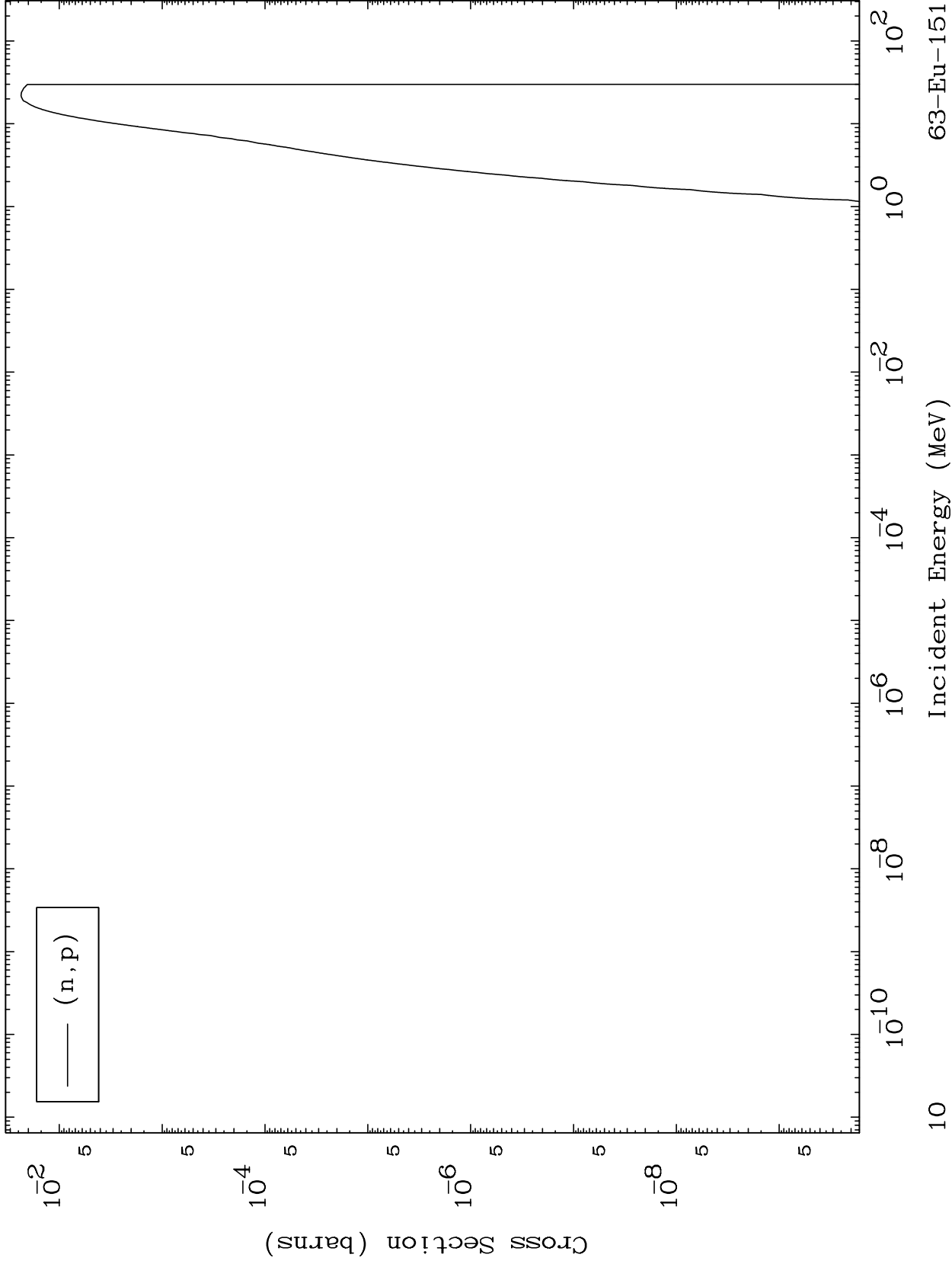
293 Kelvin Cross Sections



MAT 6325

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-151



10

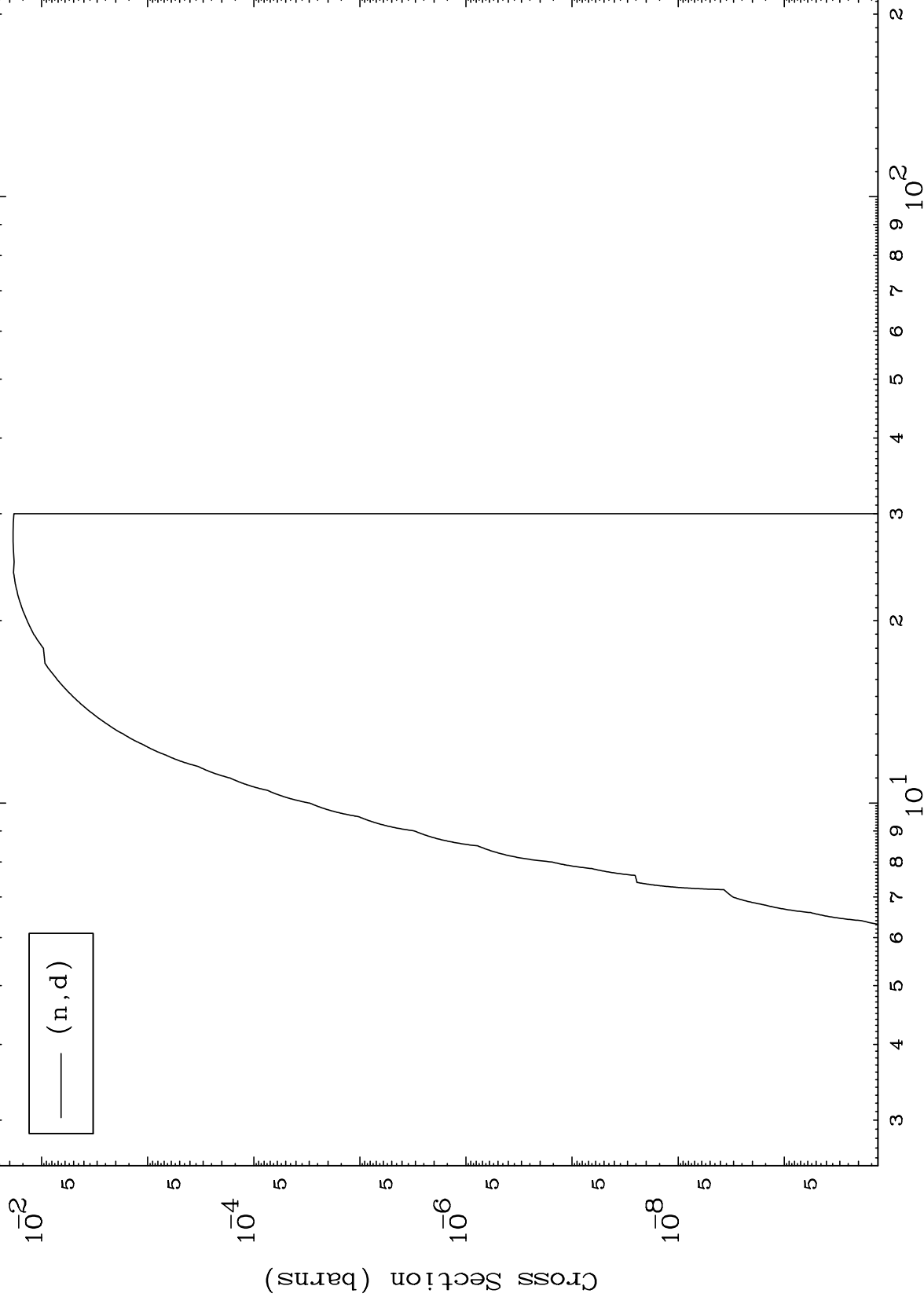
Incident Energy (MeV)

63-Eu-151

MAT 6325

(n,d) Levels  
293 Kelvin Cross Sections

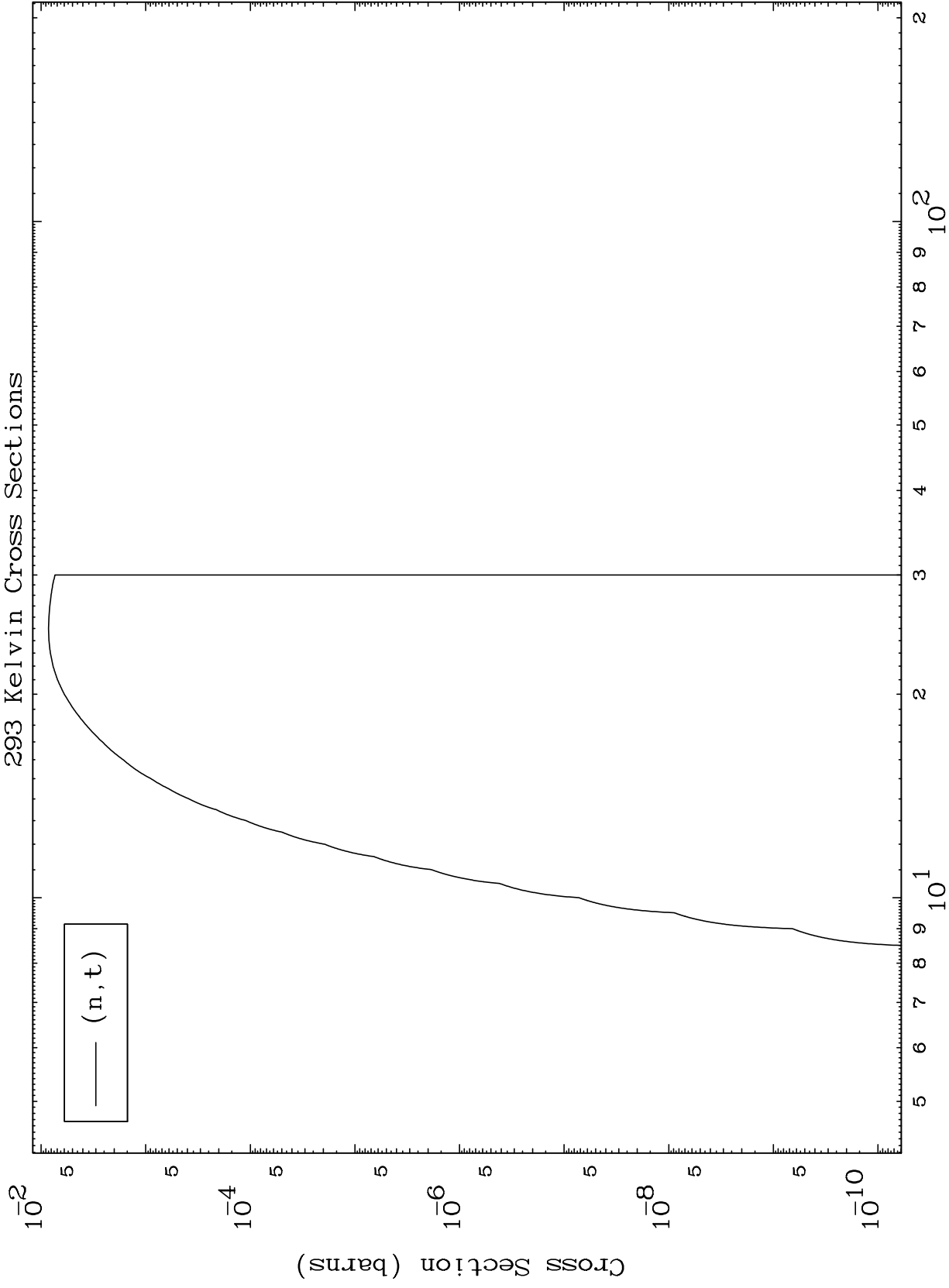
63-Eu-151



MAT 6325

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-151



12

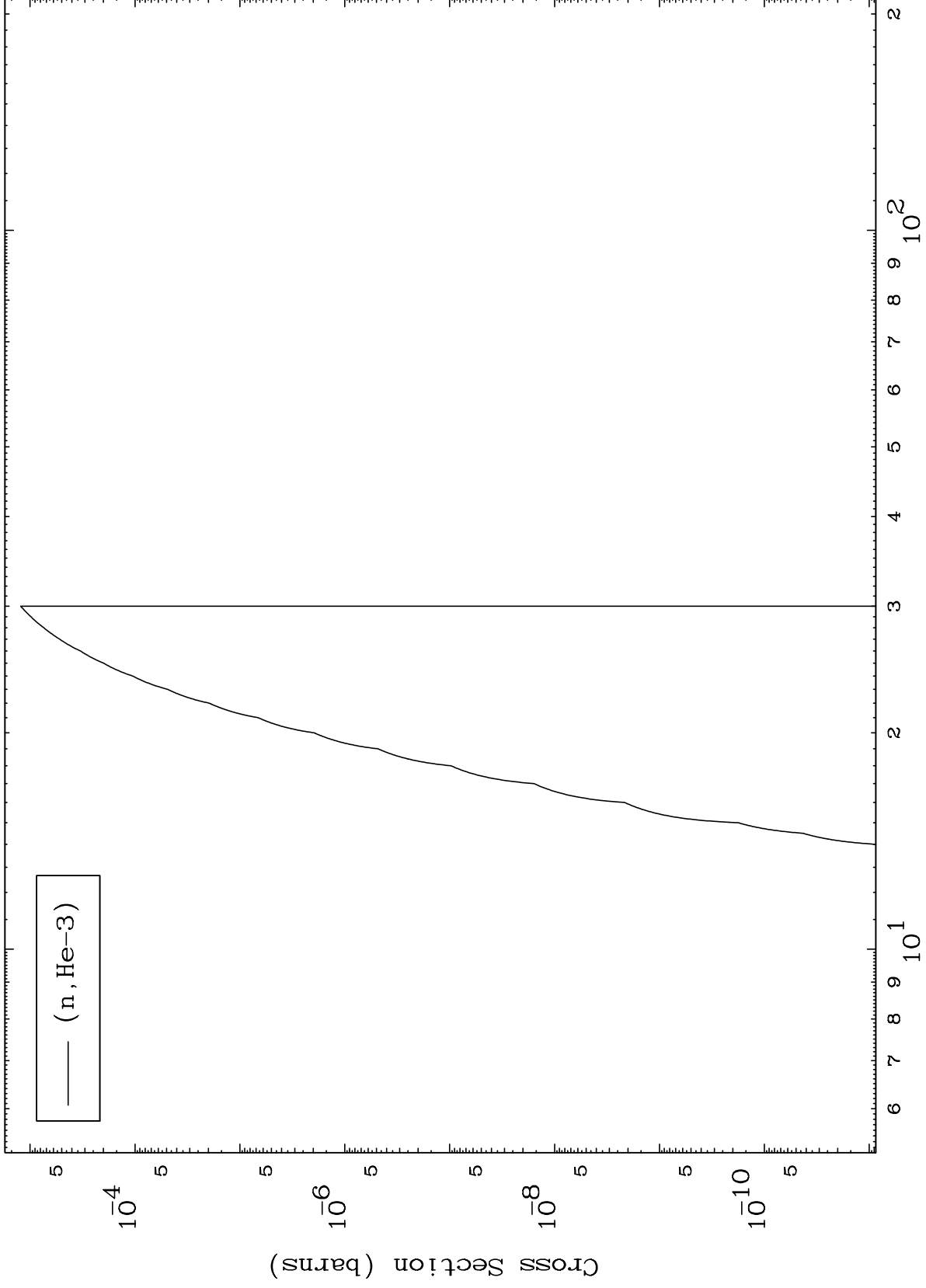
Incident Energy (MeV)

63-Eu-151

MAT 6325

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-151



13

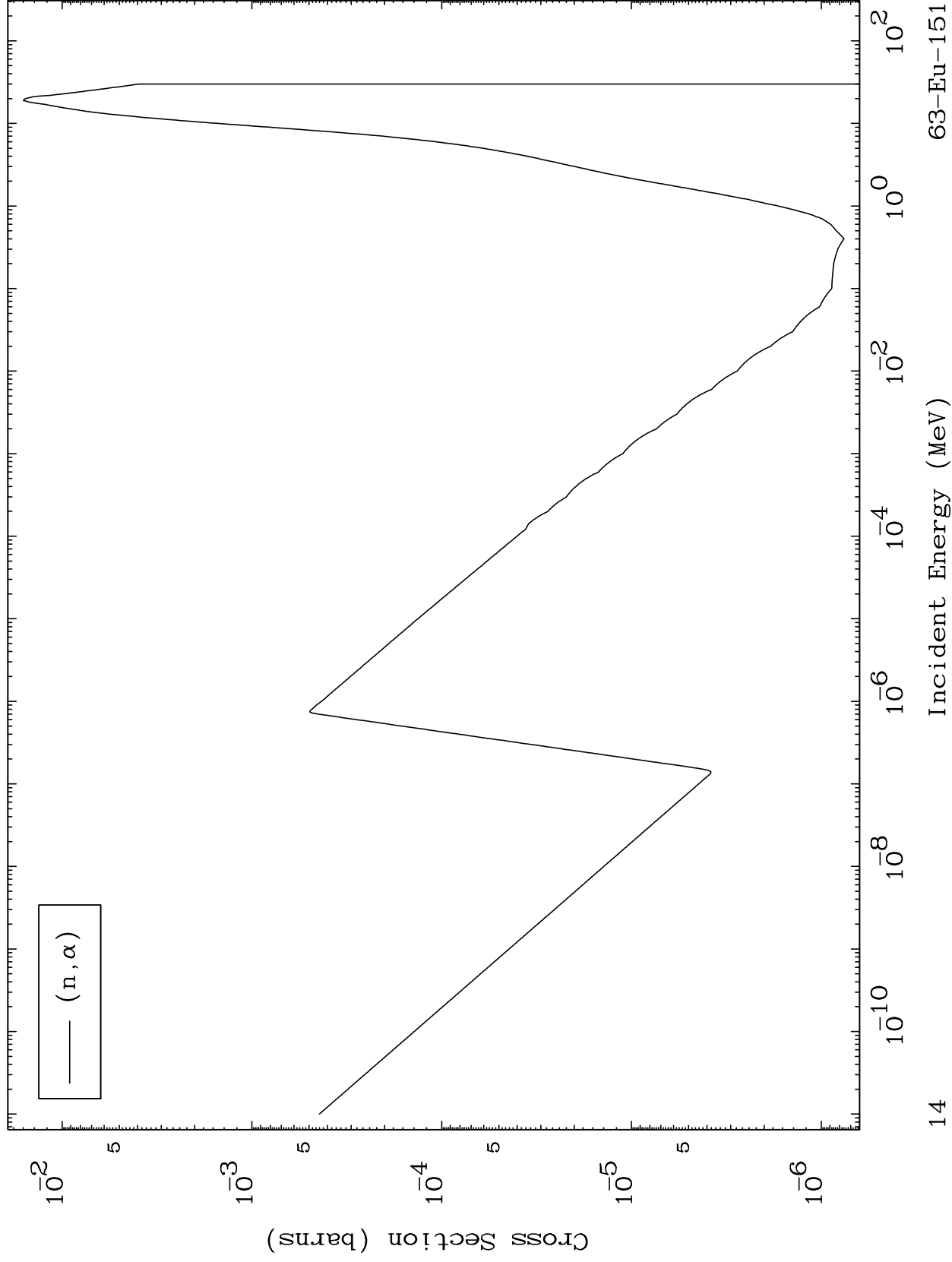
Incident Energy (MeV)

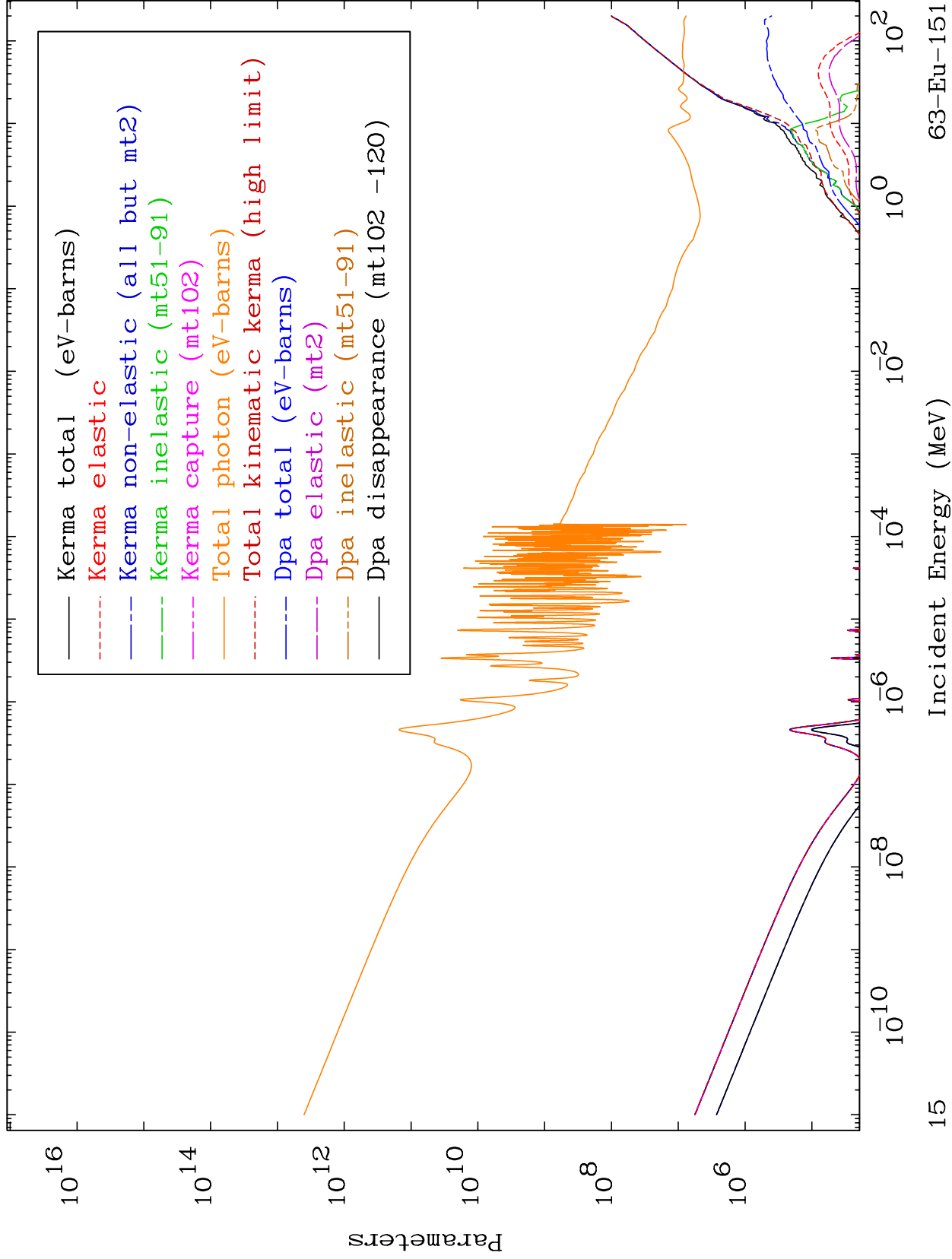
63-Eu-151

MAT 6325

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

63-Eu-151



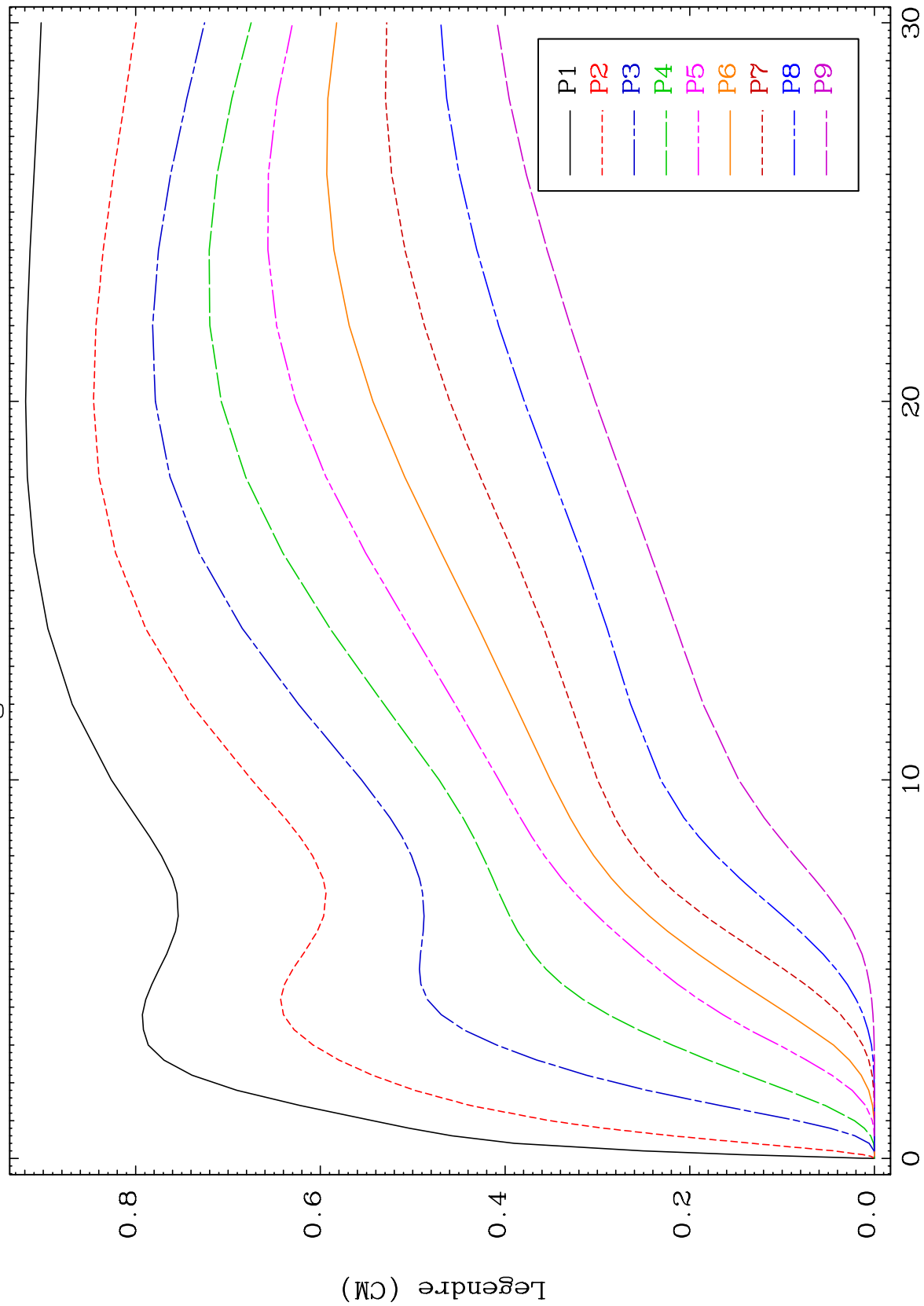




MAT 6325

Elastic Legendre Coefficients

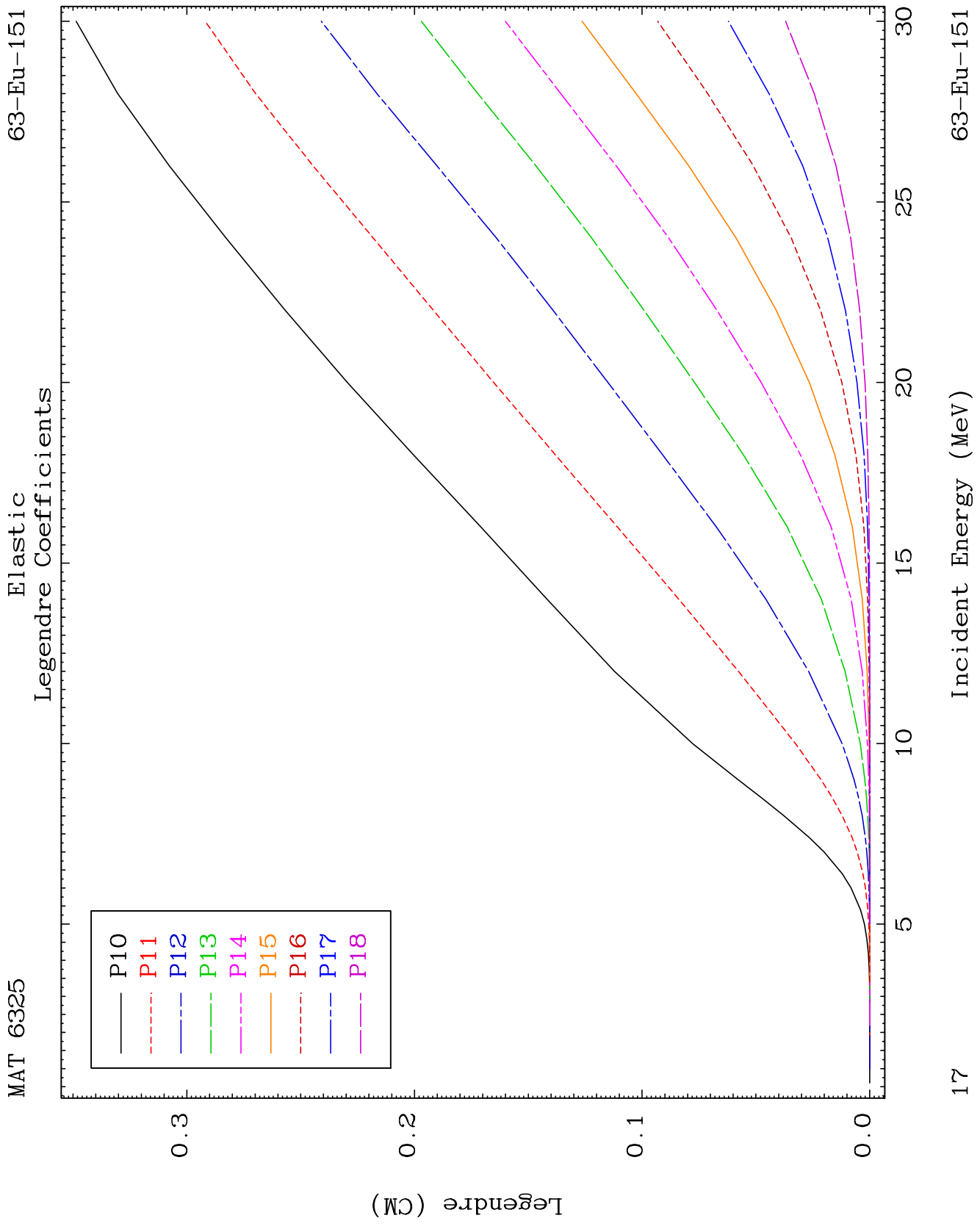
63-Eu-151



16

Incident Energy (MeV)

63-Eu-151

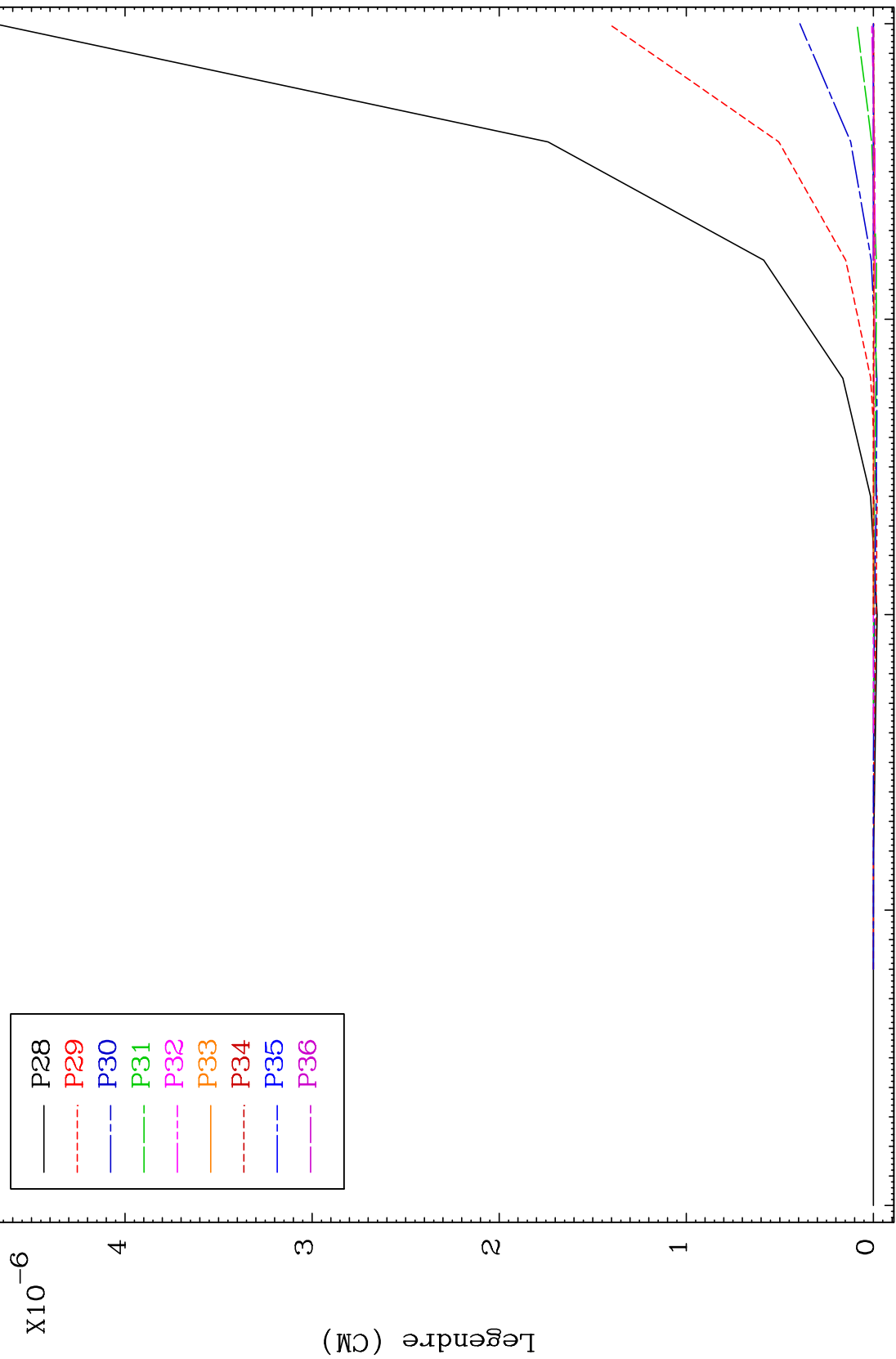
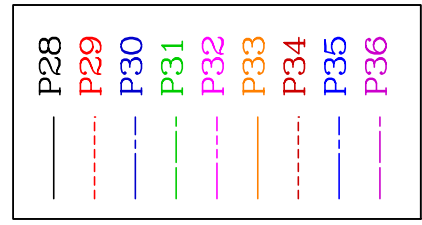




MAT 6325

Elastic Legendre Coefficients

63-Eu-151



63-Eu-151

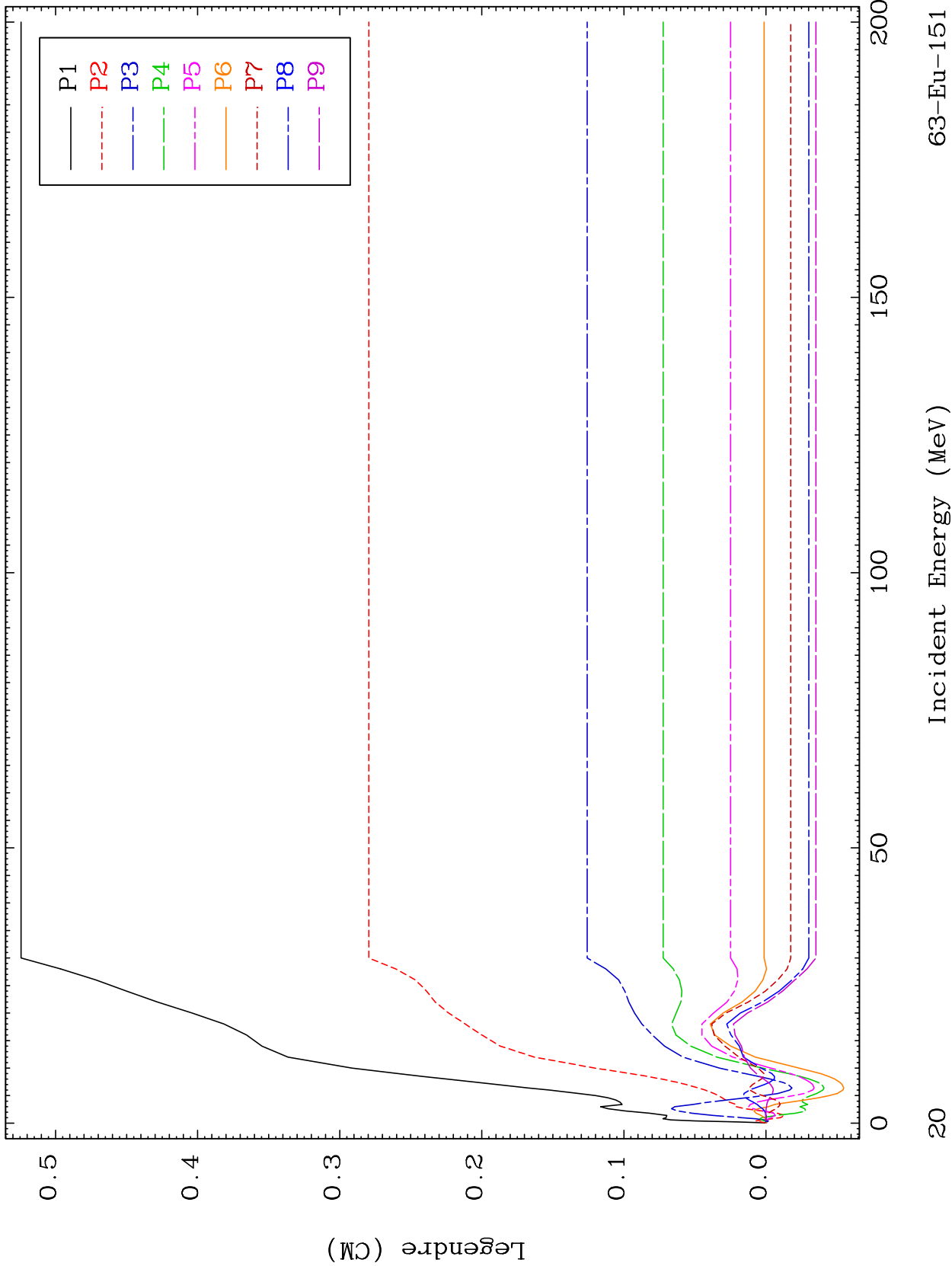
Incident Energy (MeV)

19

MAT 6325

21.54 keV (n, n') Level  
Legendre Coefficients

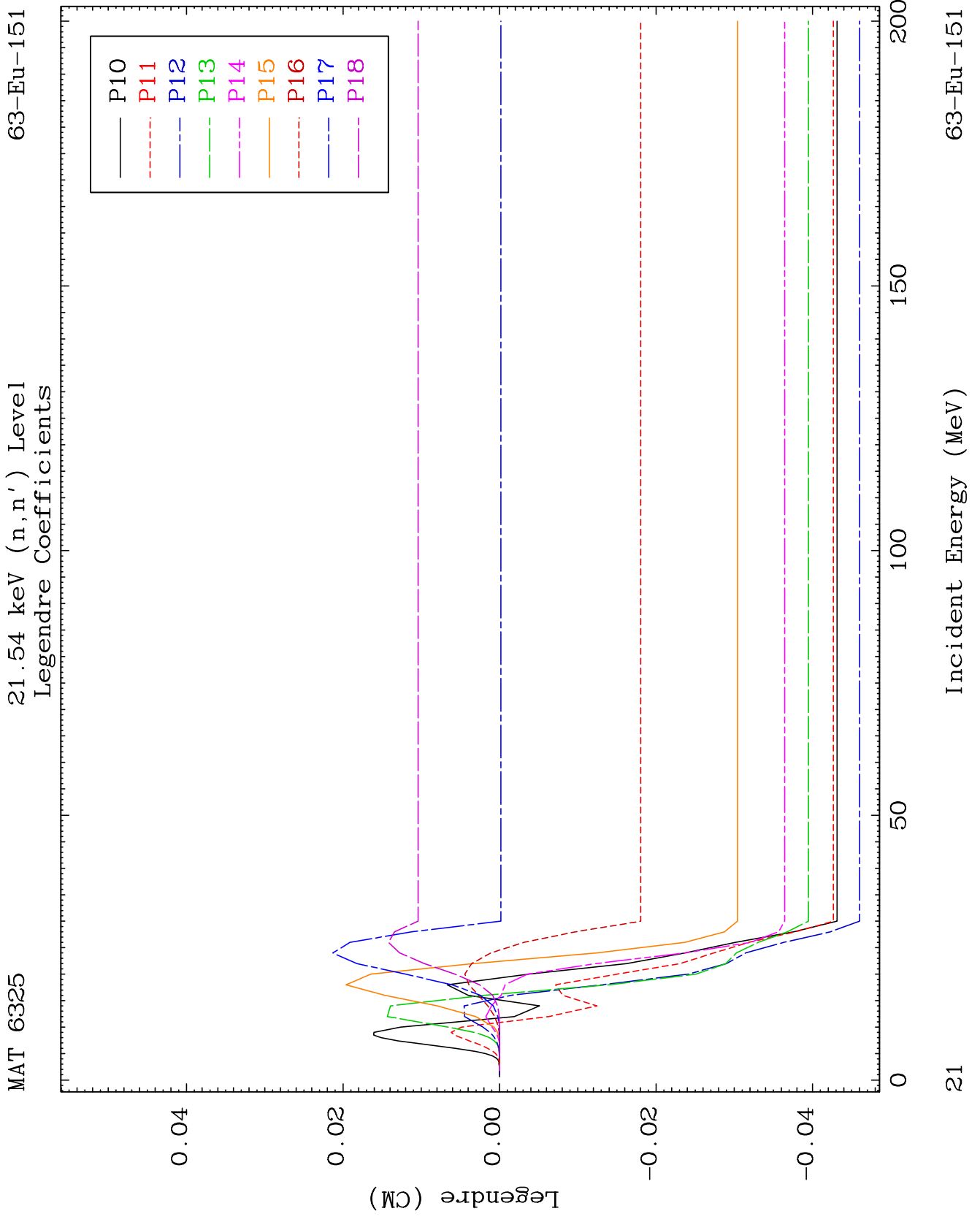
63-Eu-151

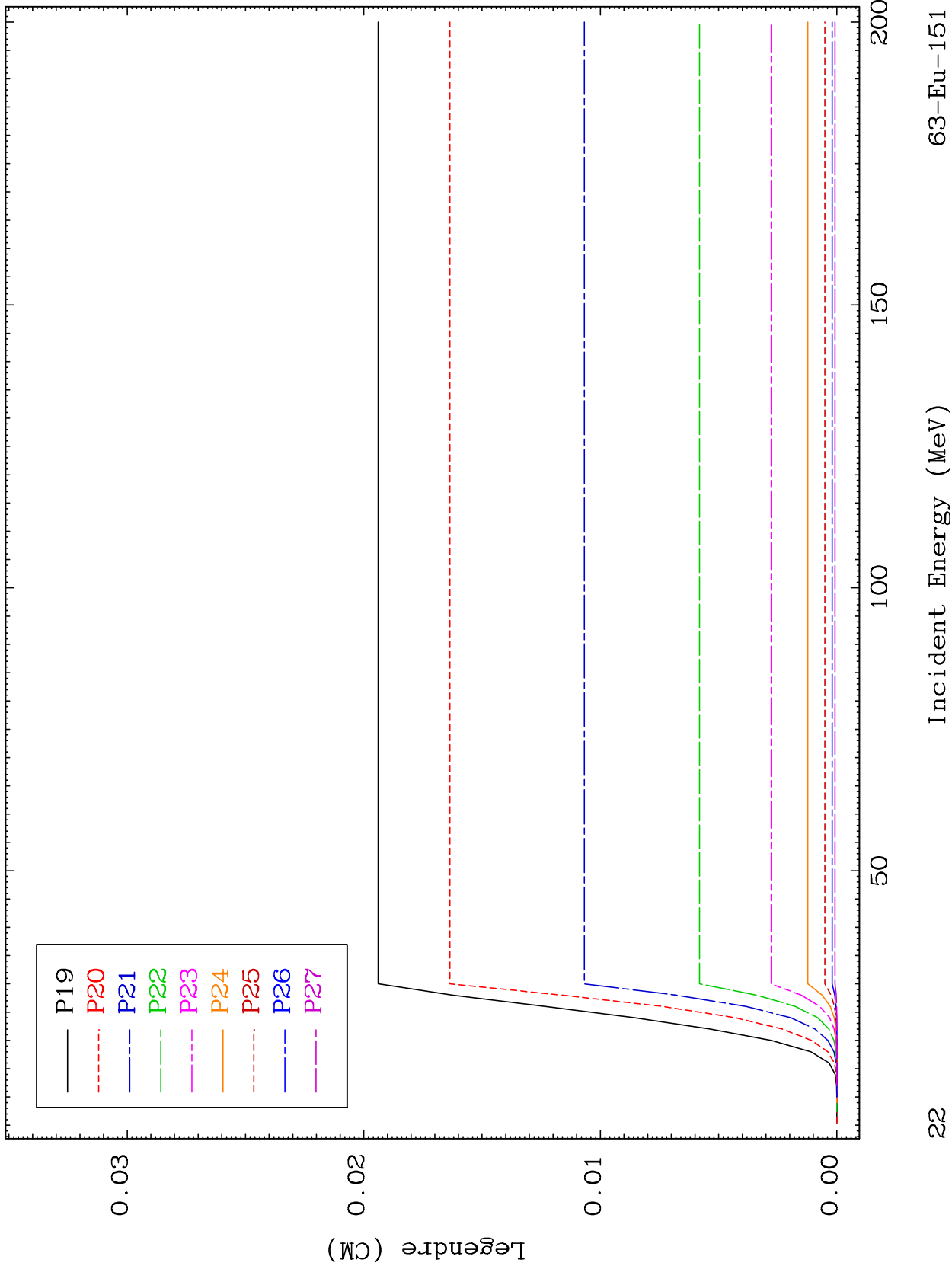


63-Eu-151

Incident Energy (MeV)

Legendre (CM)

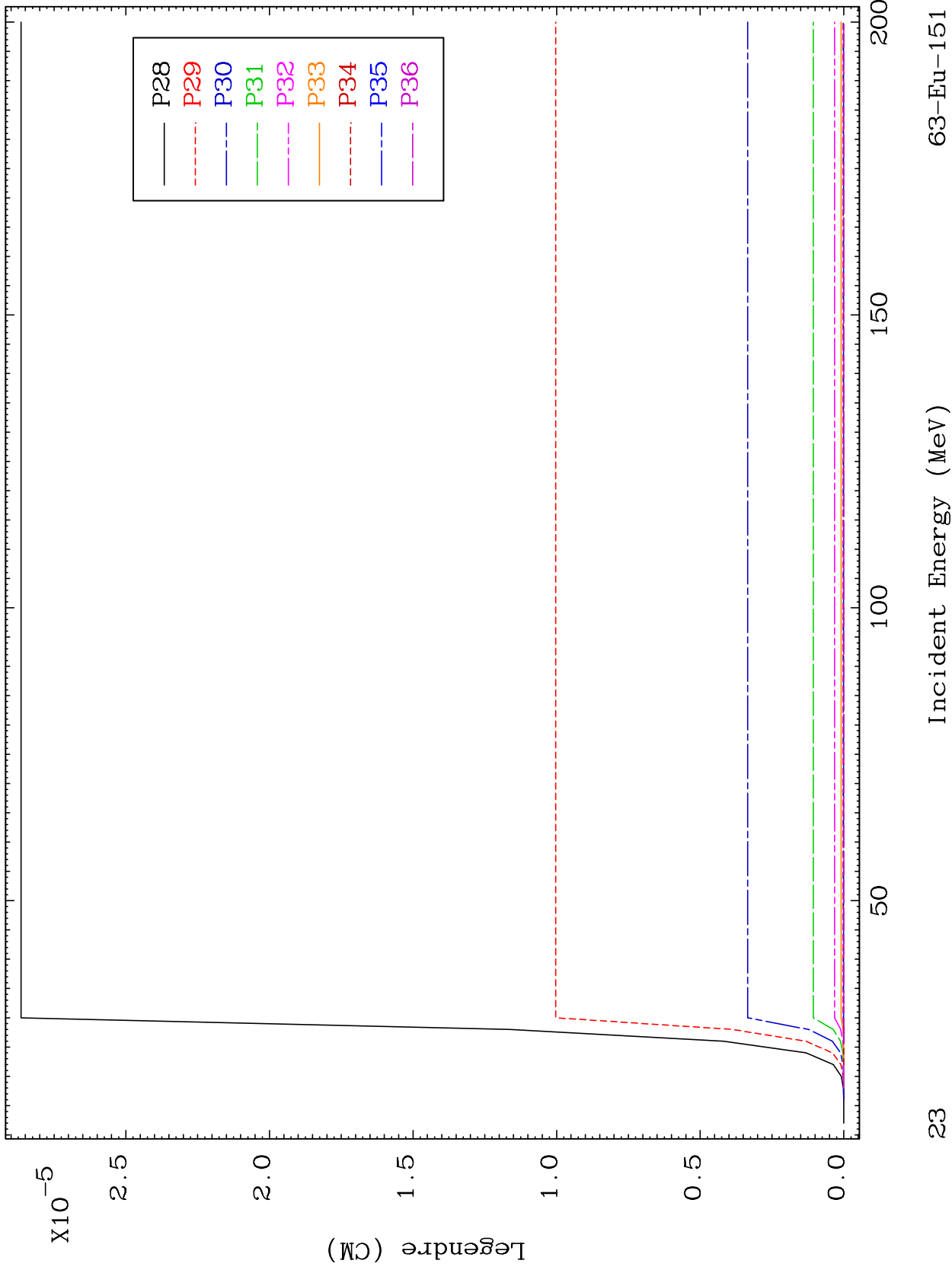




MAT 6325

21.54 keV (n,n') Level  
Legendre Coefficients

63-Eu-151

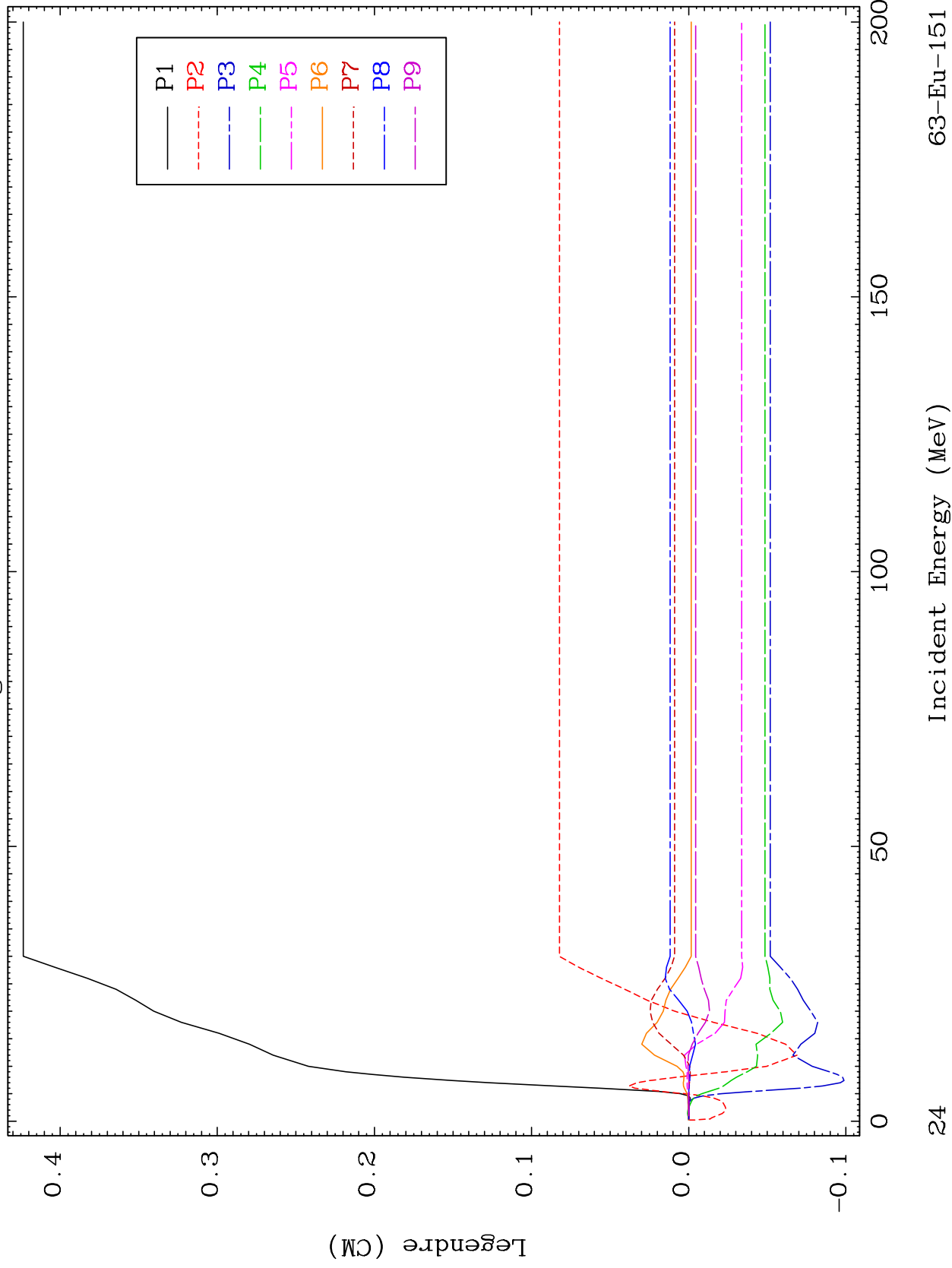




MAT 6325

196.2 keV (n, n') Level  
Legendre Coefficients

63-Eu-151

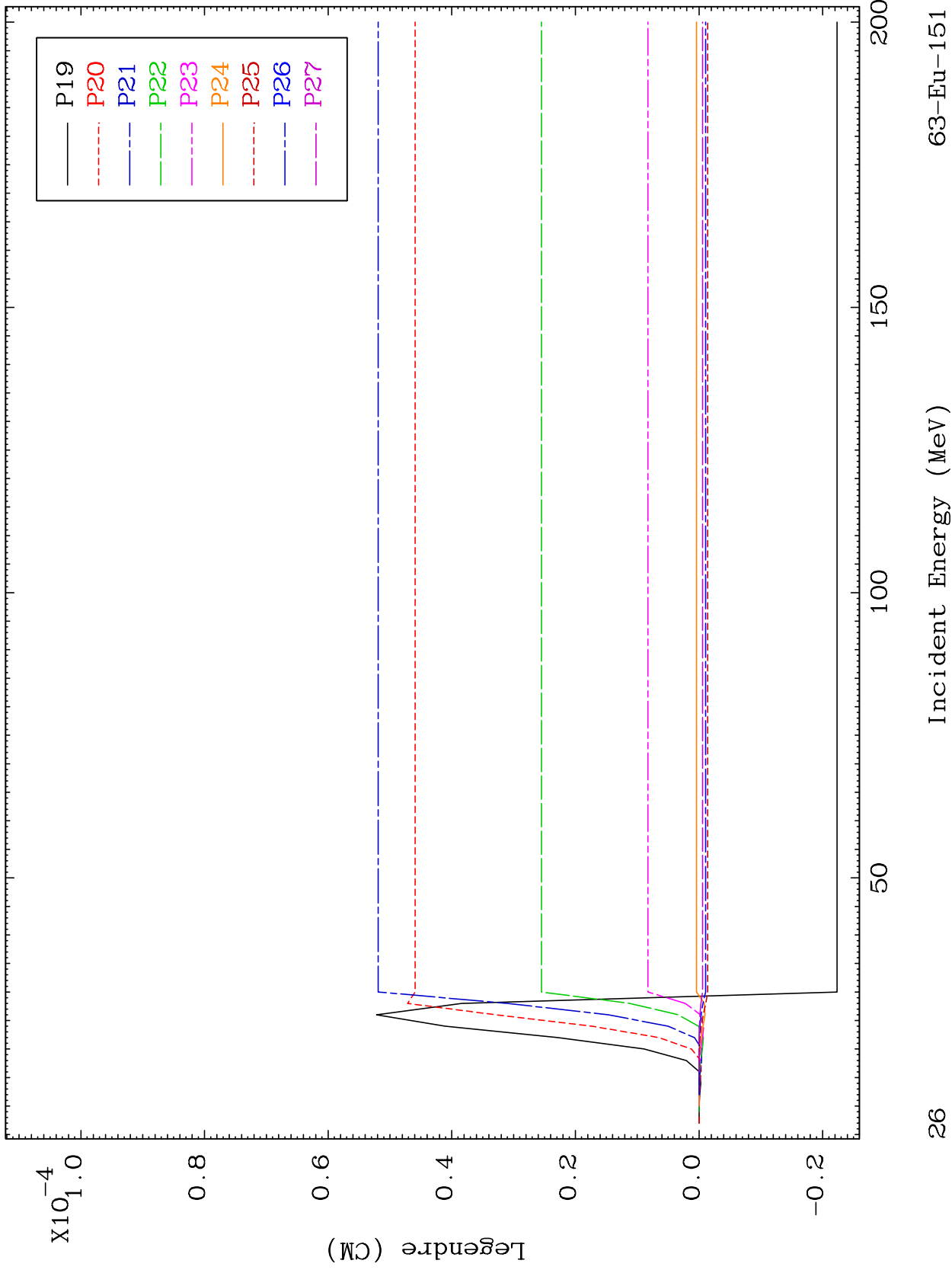


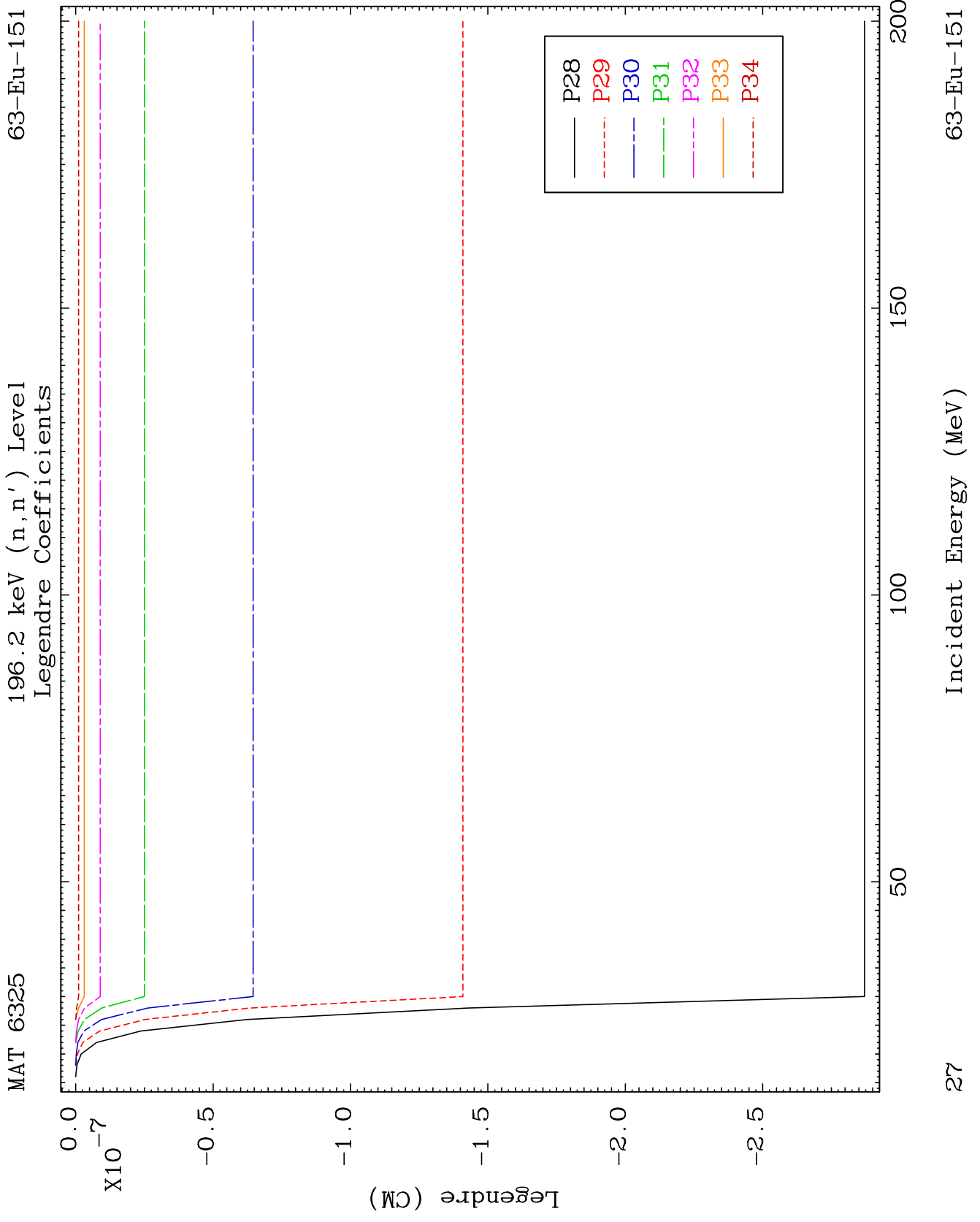
63-Eu-151

Incident Energy (MeV)

24



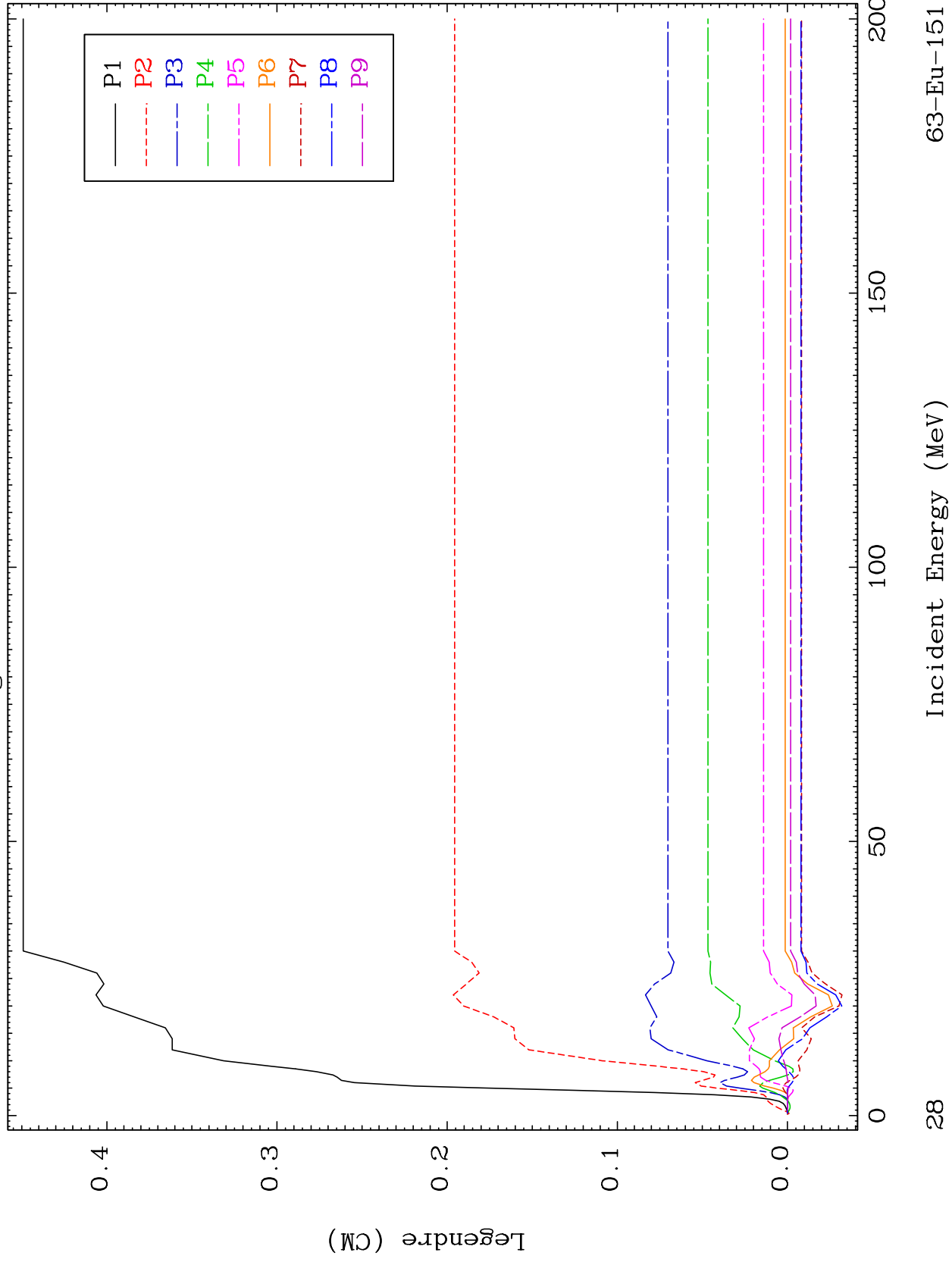




MAT 6325

206.6 keV (n,n') Level  
Legendre Coefficients

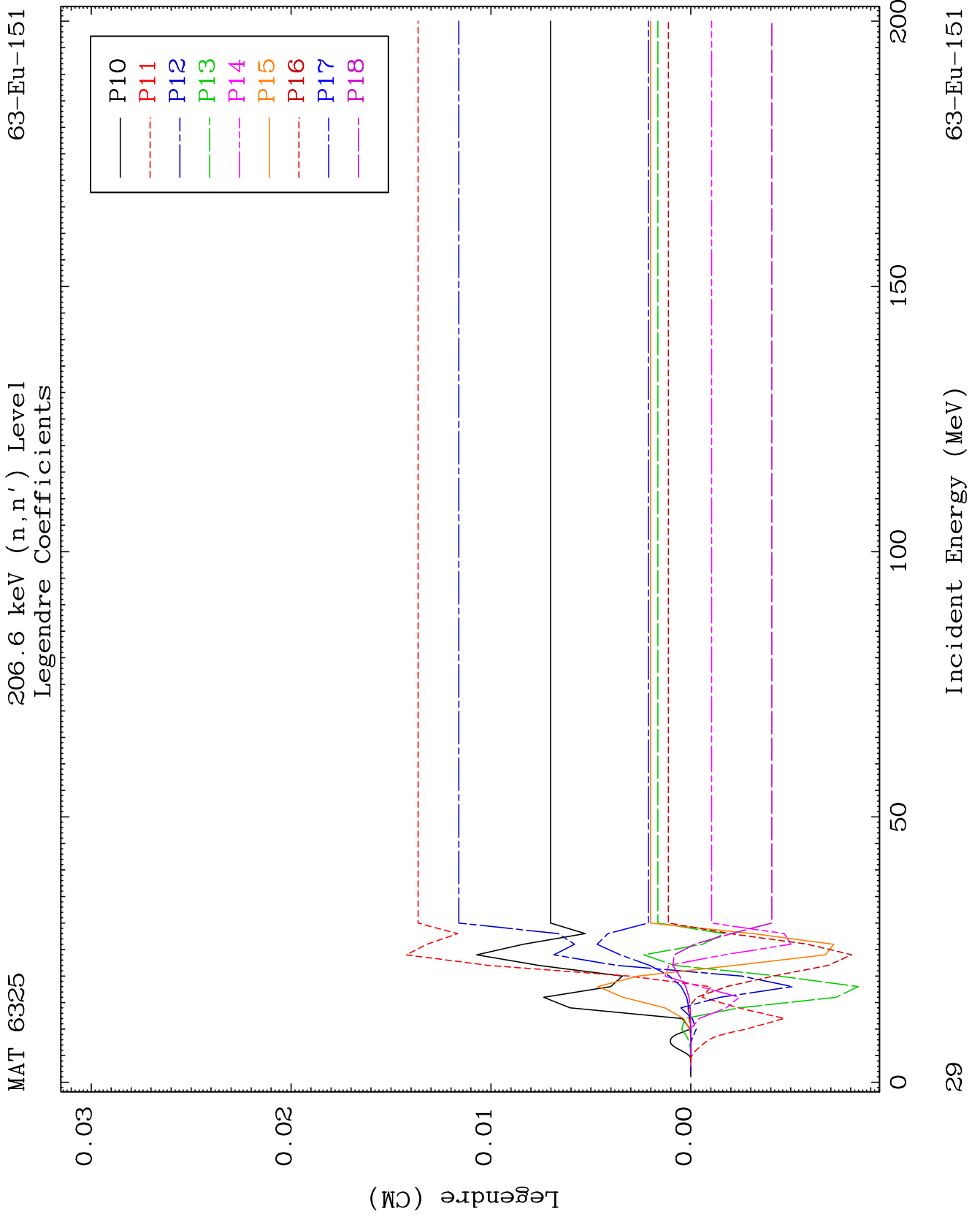
63-Eu-151



63-Eu-151

Incident Energy (MeV)

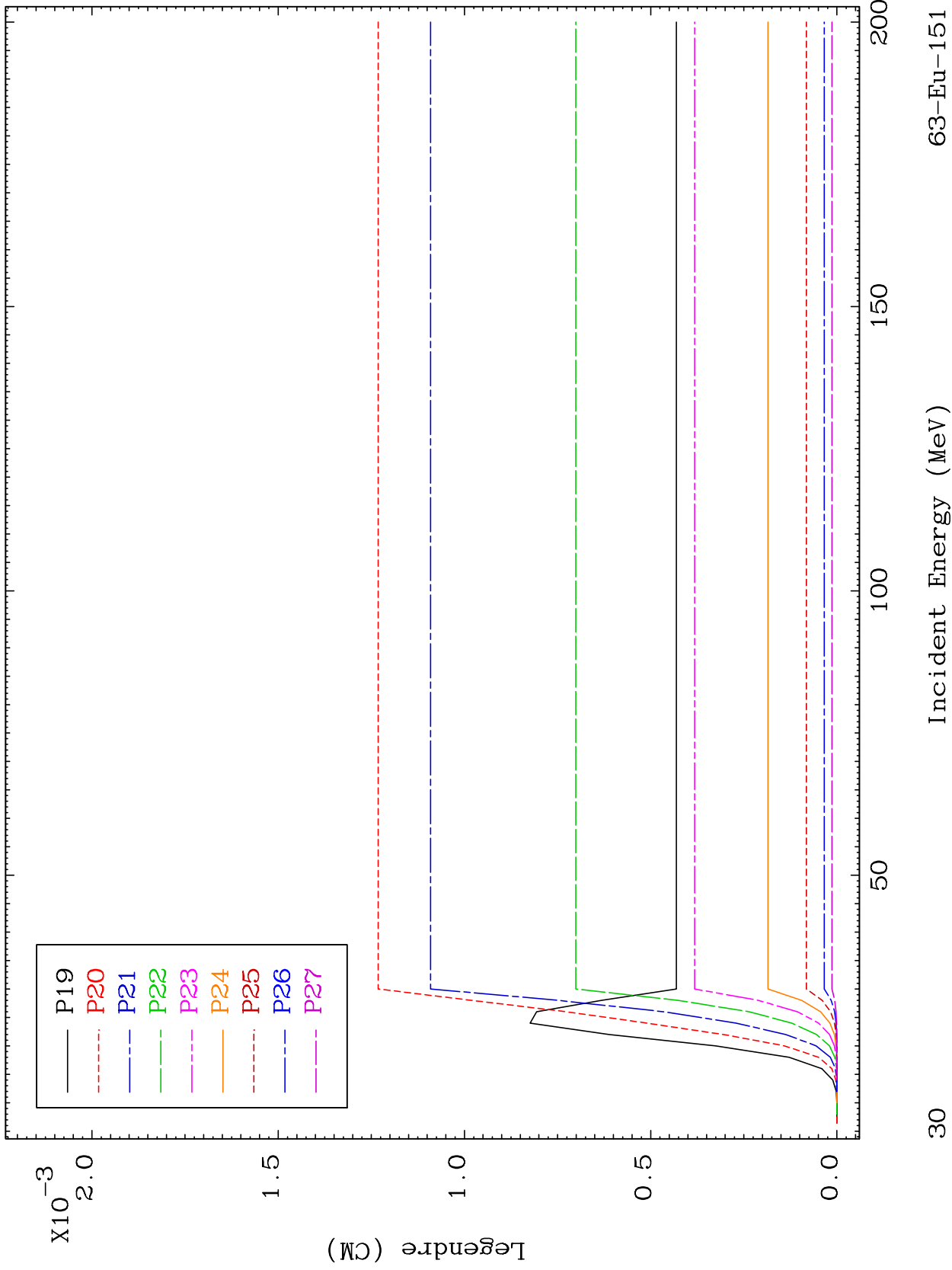
28



MAT 6325

206.6 keV (n, n') Level  
Legendre Coefficients

63-Eu-151



30

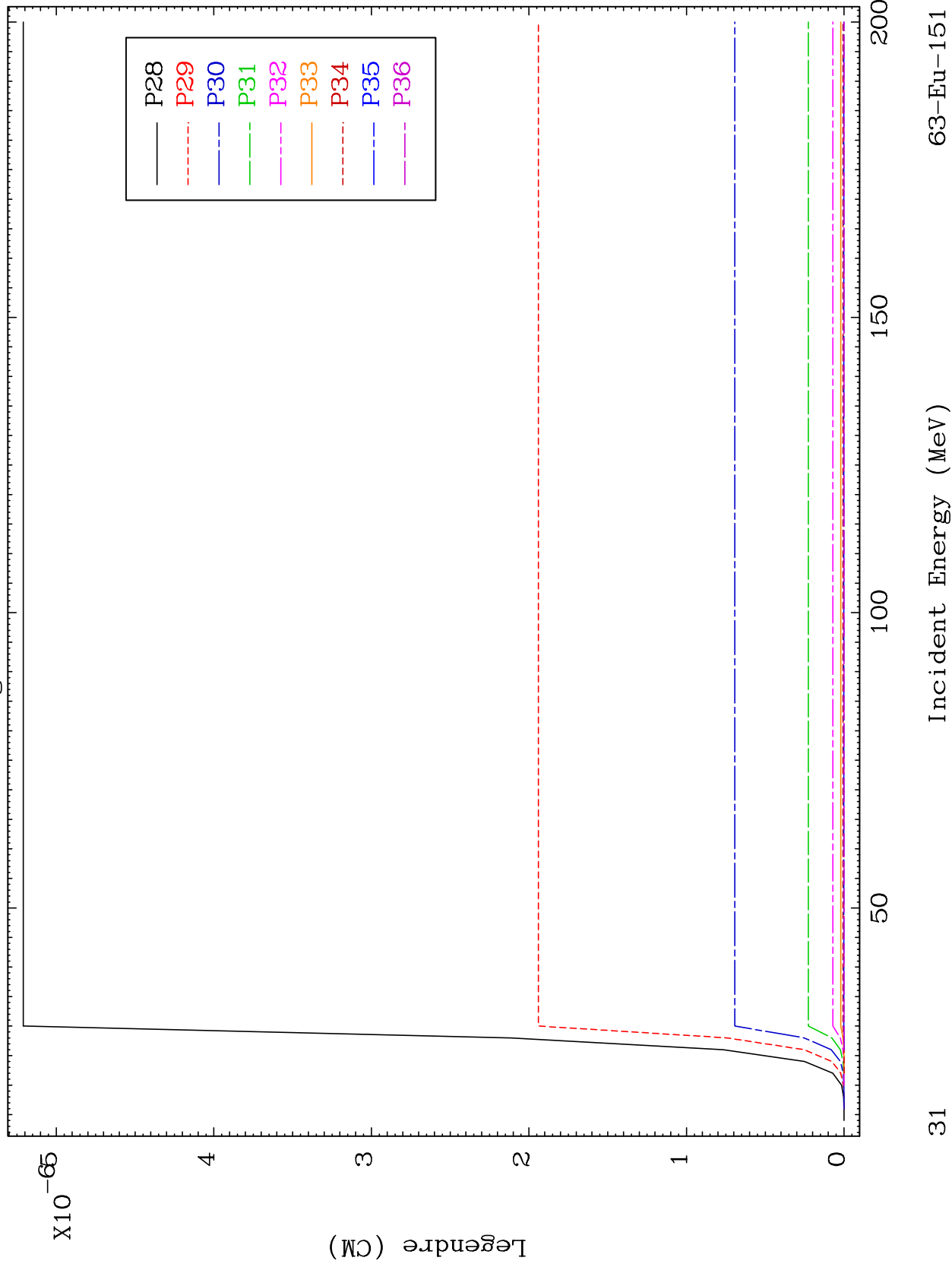
Incident Energy (MeV)

63-Eu-151

MAT 6325

206.6 keV (n,n') Level  
Legendre Coefficients

63-Eu-151

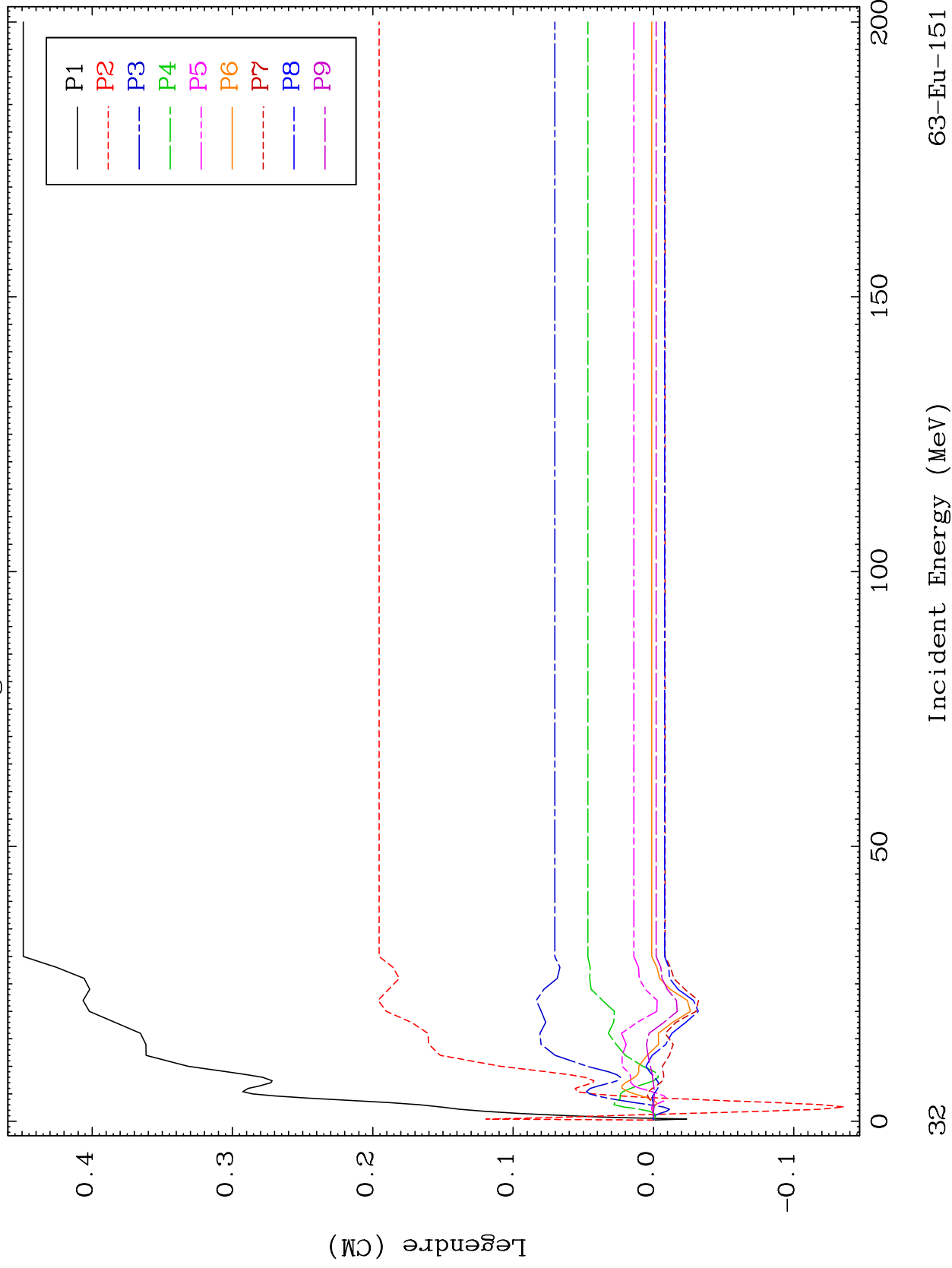




MAT 6325

216.7 keV (n,n') Level  
Legendre Coefficients

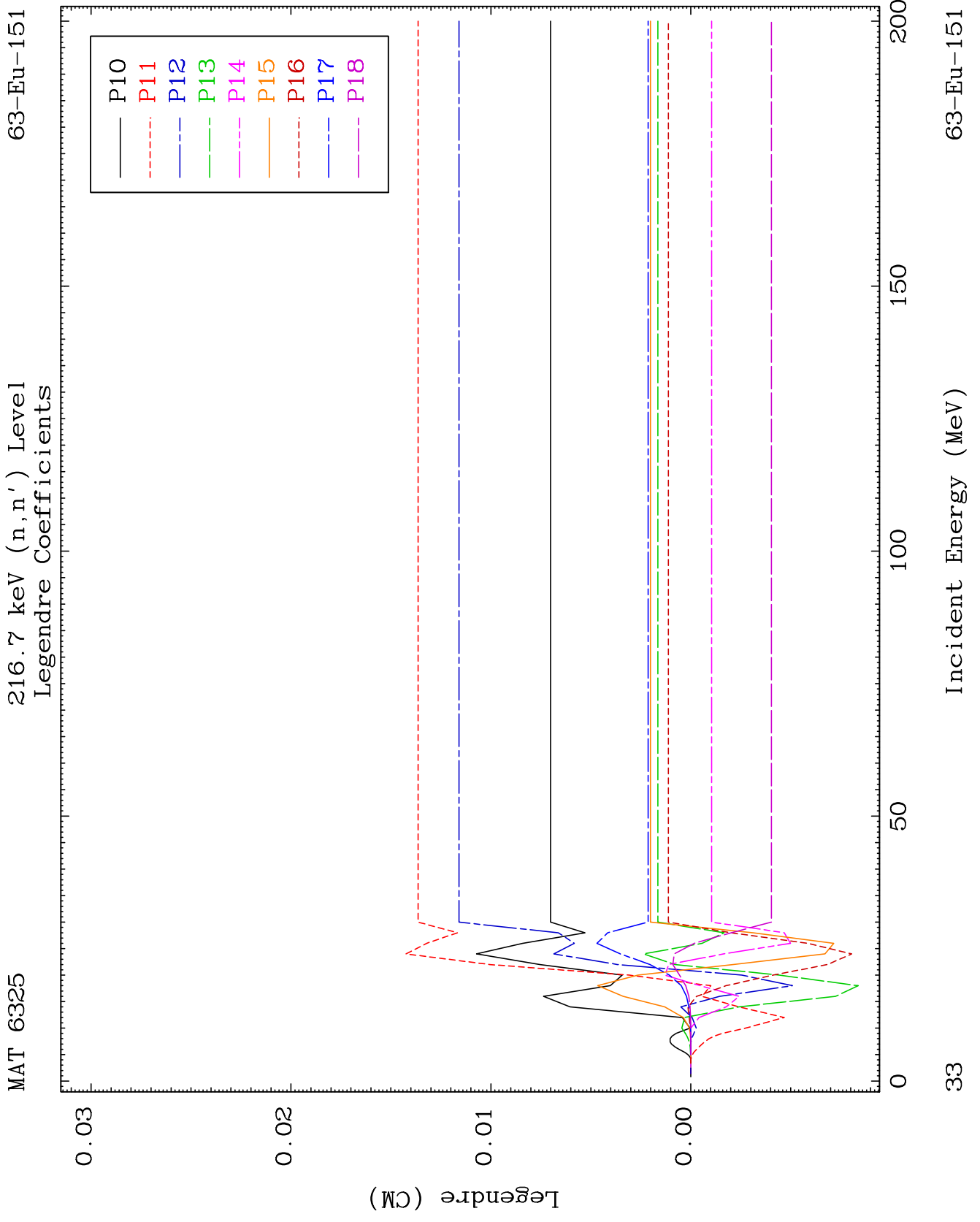
63-Eu-151



63-Eu-151

Incident Energy (MeV)

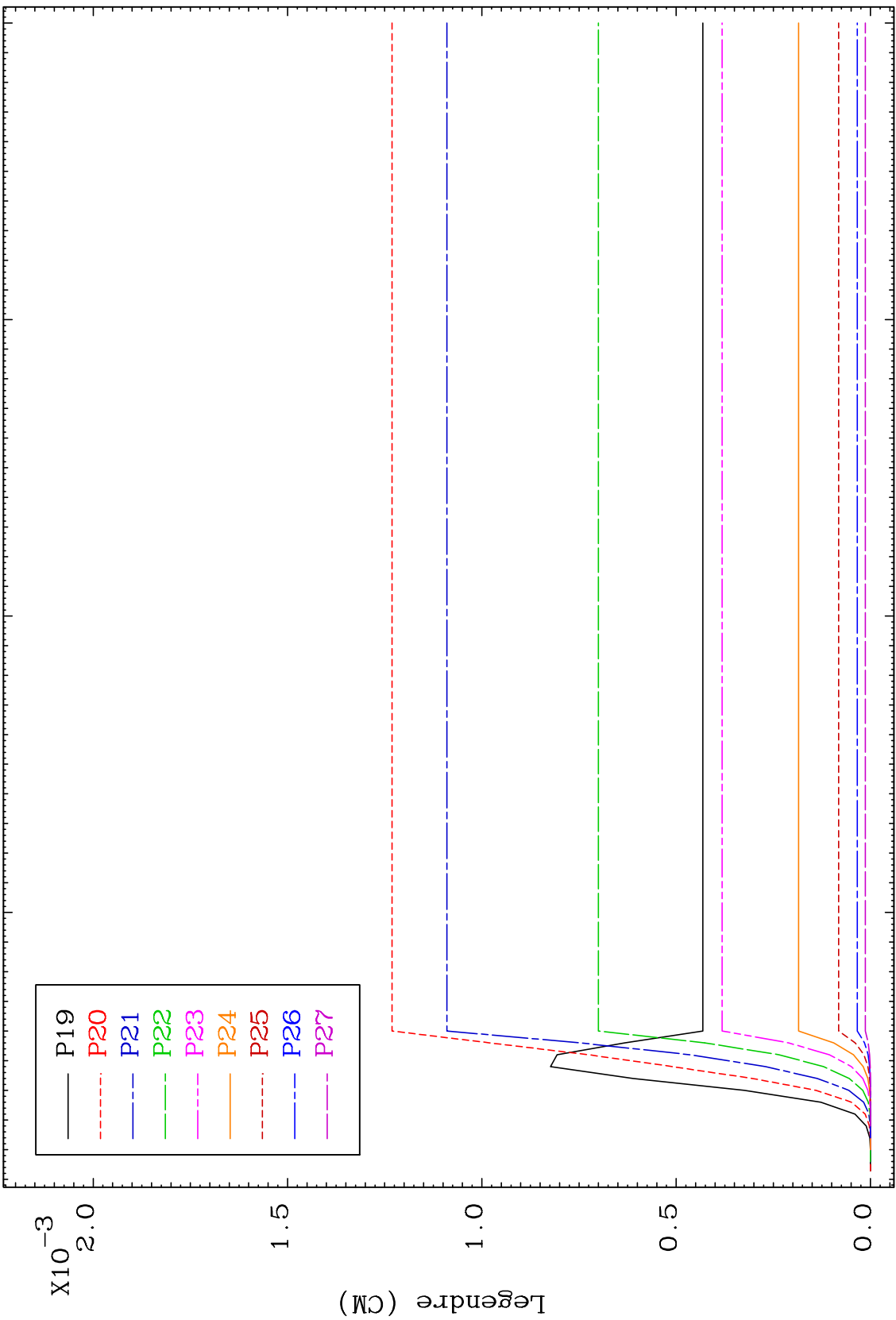
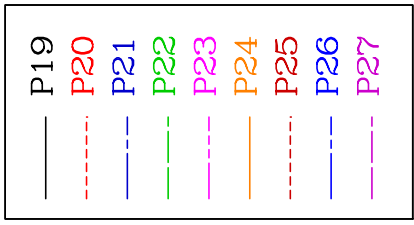
32



MAT 6325

216.7 keV (n, n') Level  
Legendre Coefficients

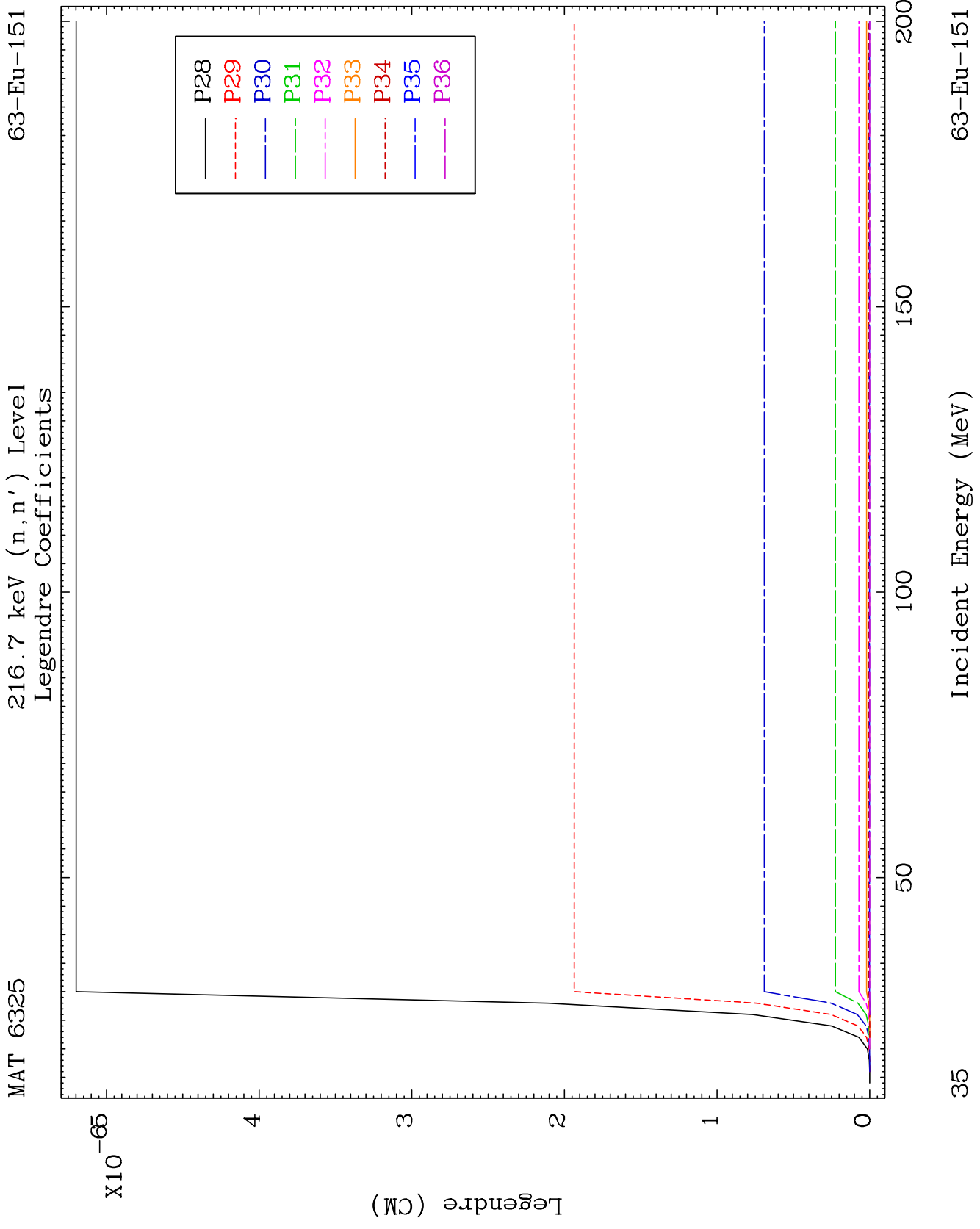
63-Eu-151



34

Incident Energy (MeV)

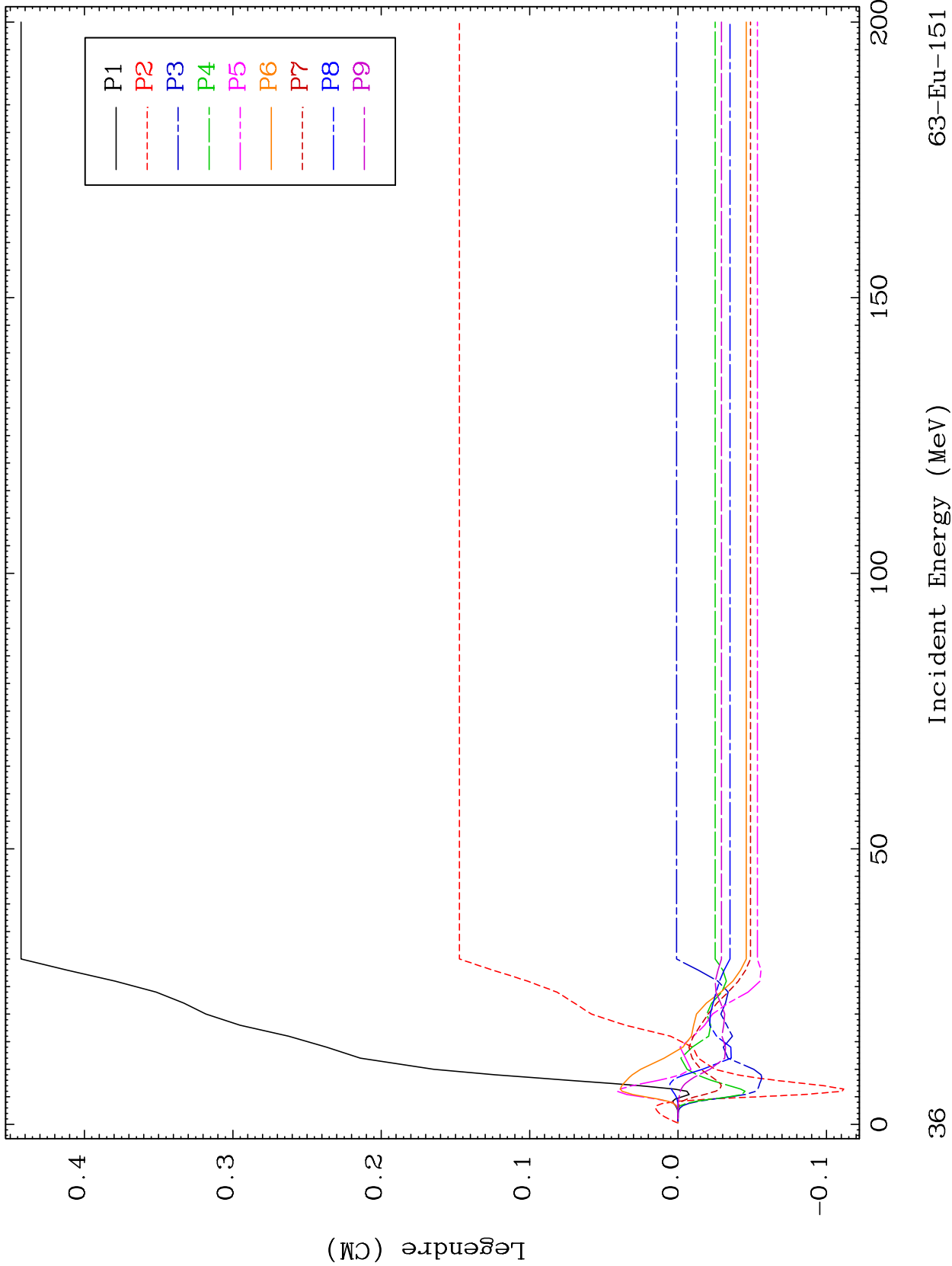
63-Eu-151



MAT 6325

243.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



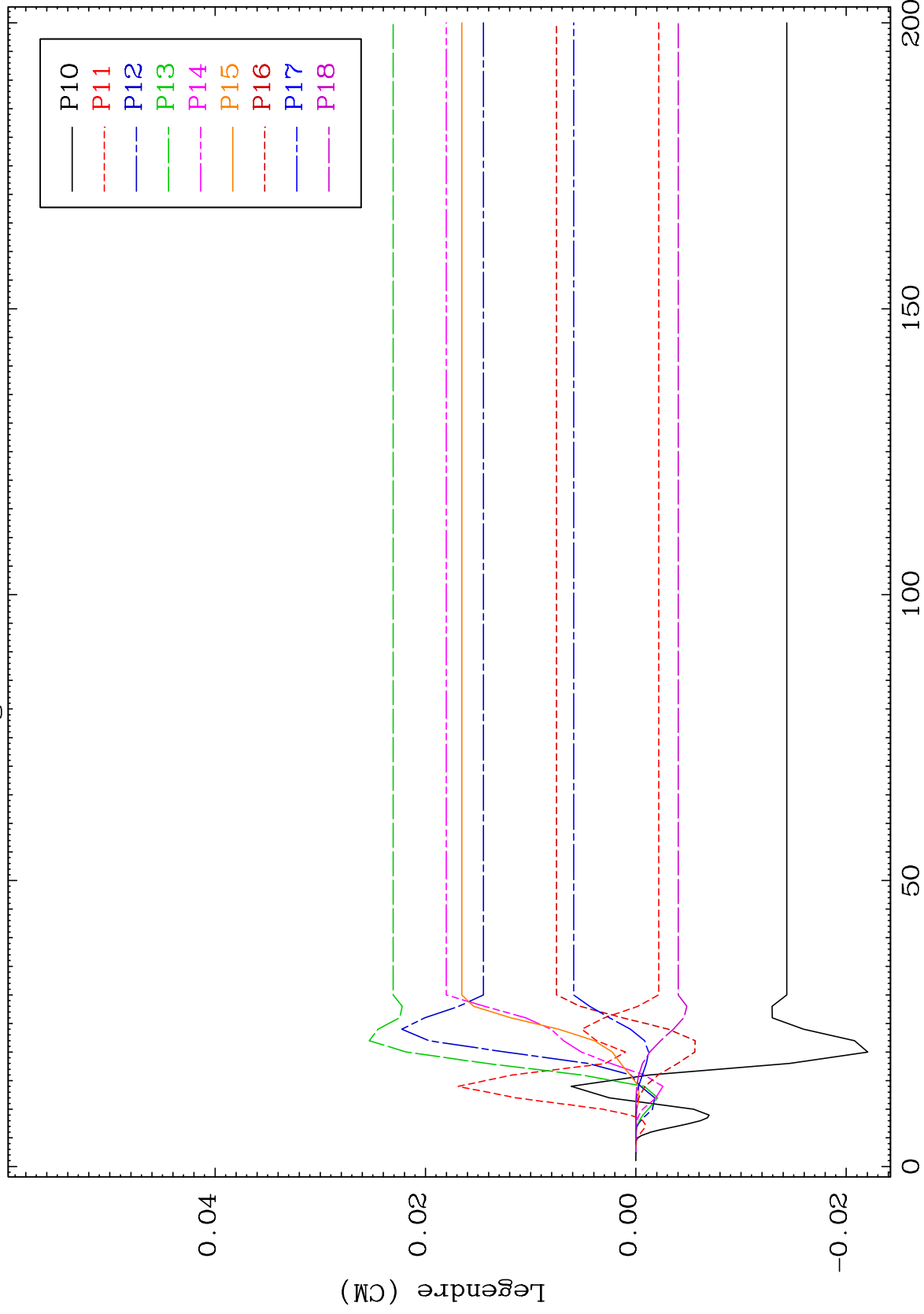
36

63-Eu-151

MAT 6325

243.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



37

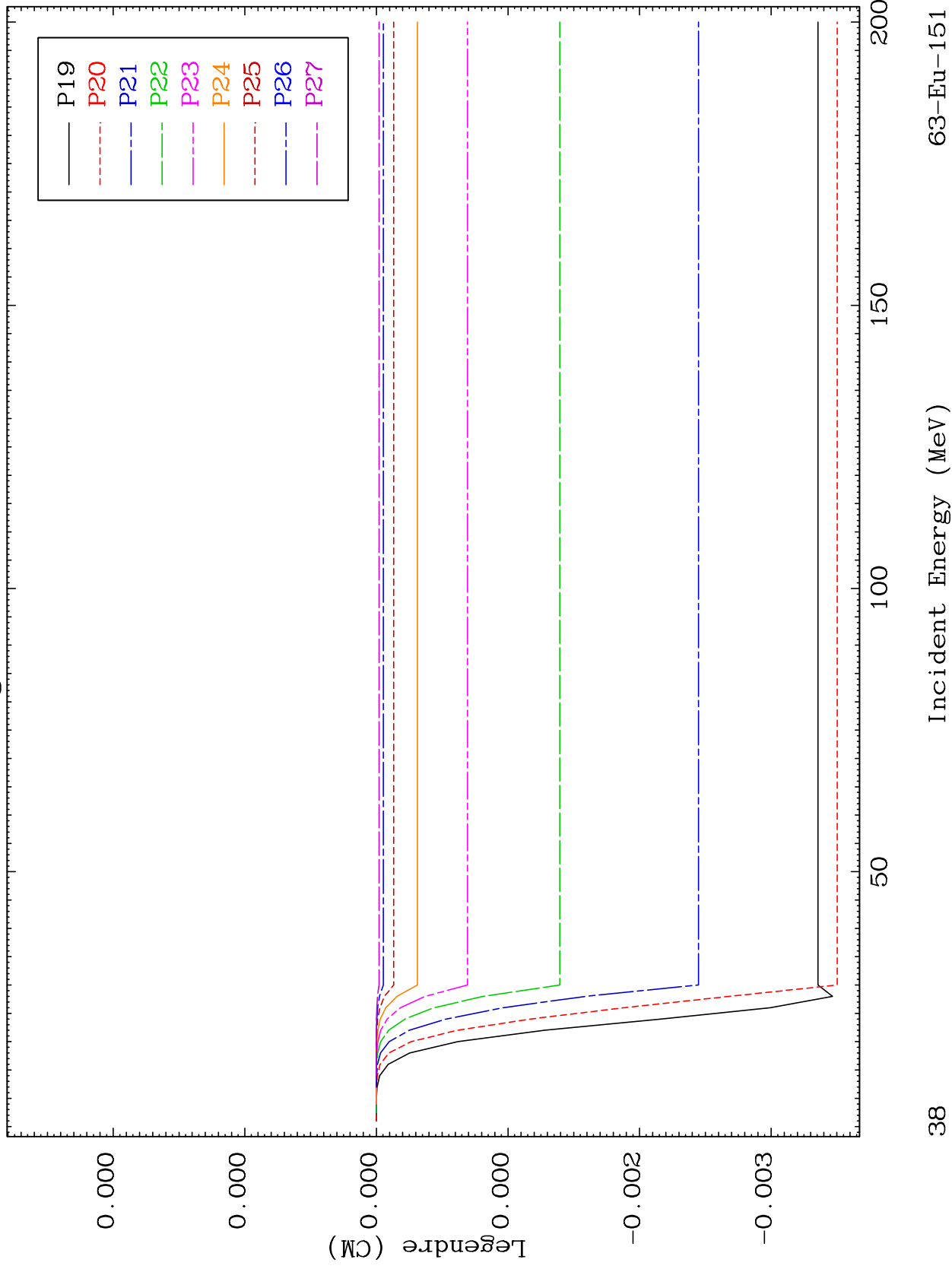
Incident Energy (MeV)

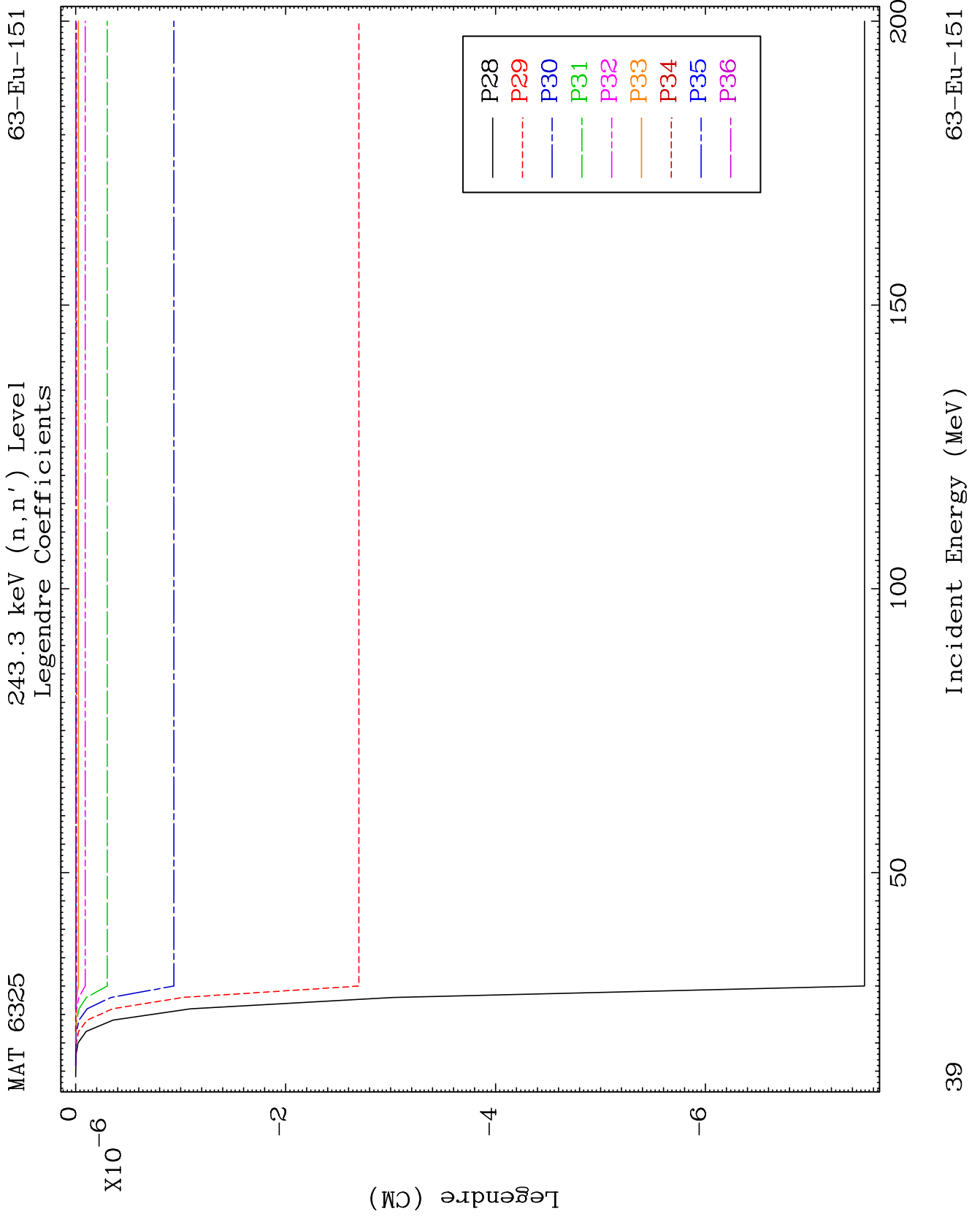
63-Eu-151

MAT 6325

243.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151







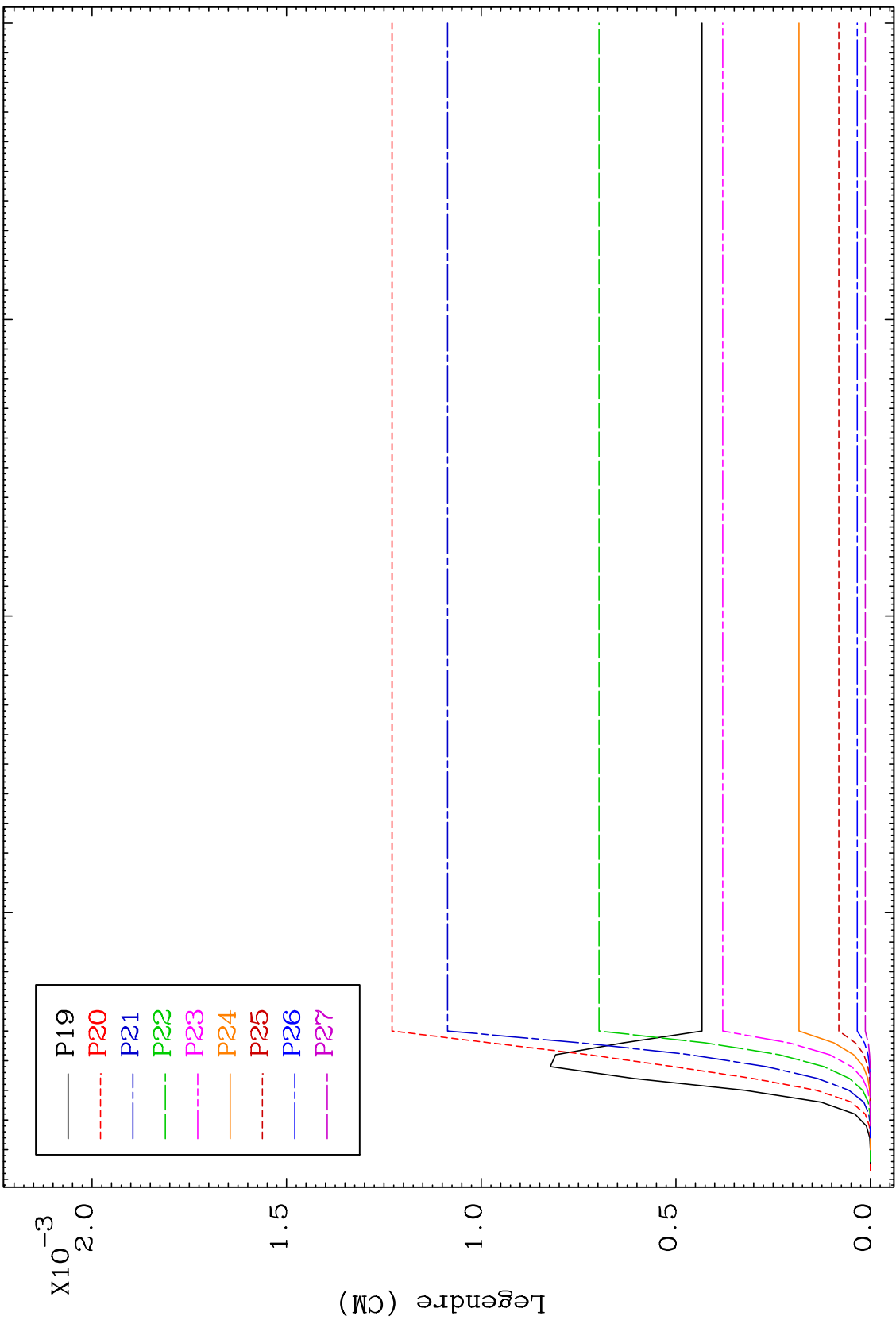
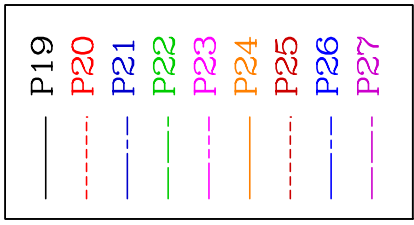




MAT 6325

260.5 keV (n,n') Level  
Legendre Coefficients

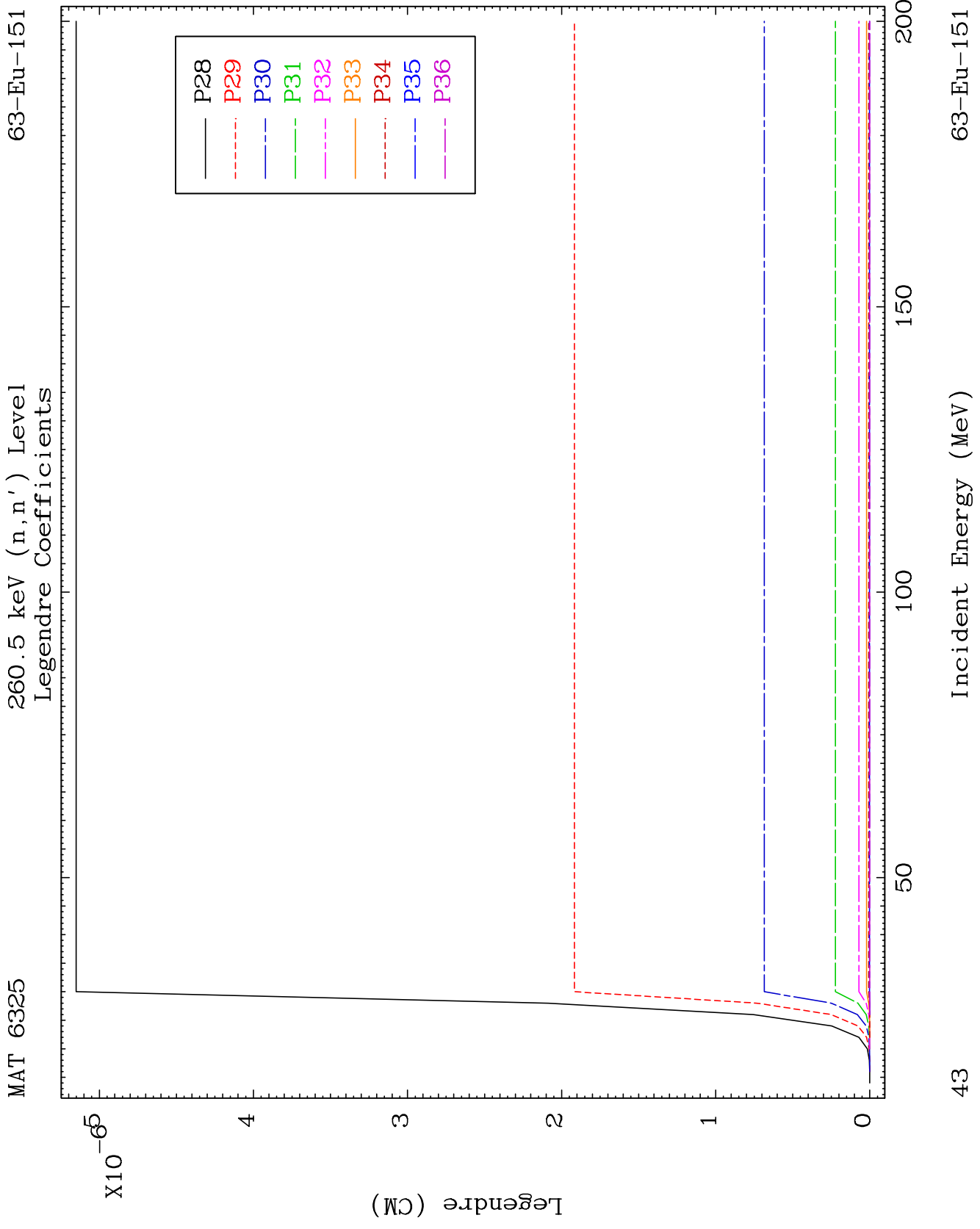
63-Eu-151



42

Incident Energy (MeV)

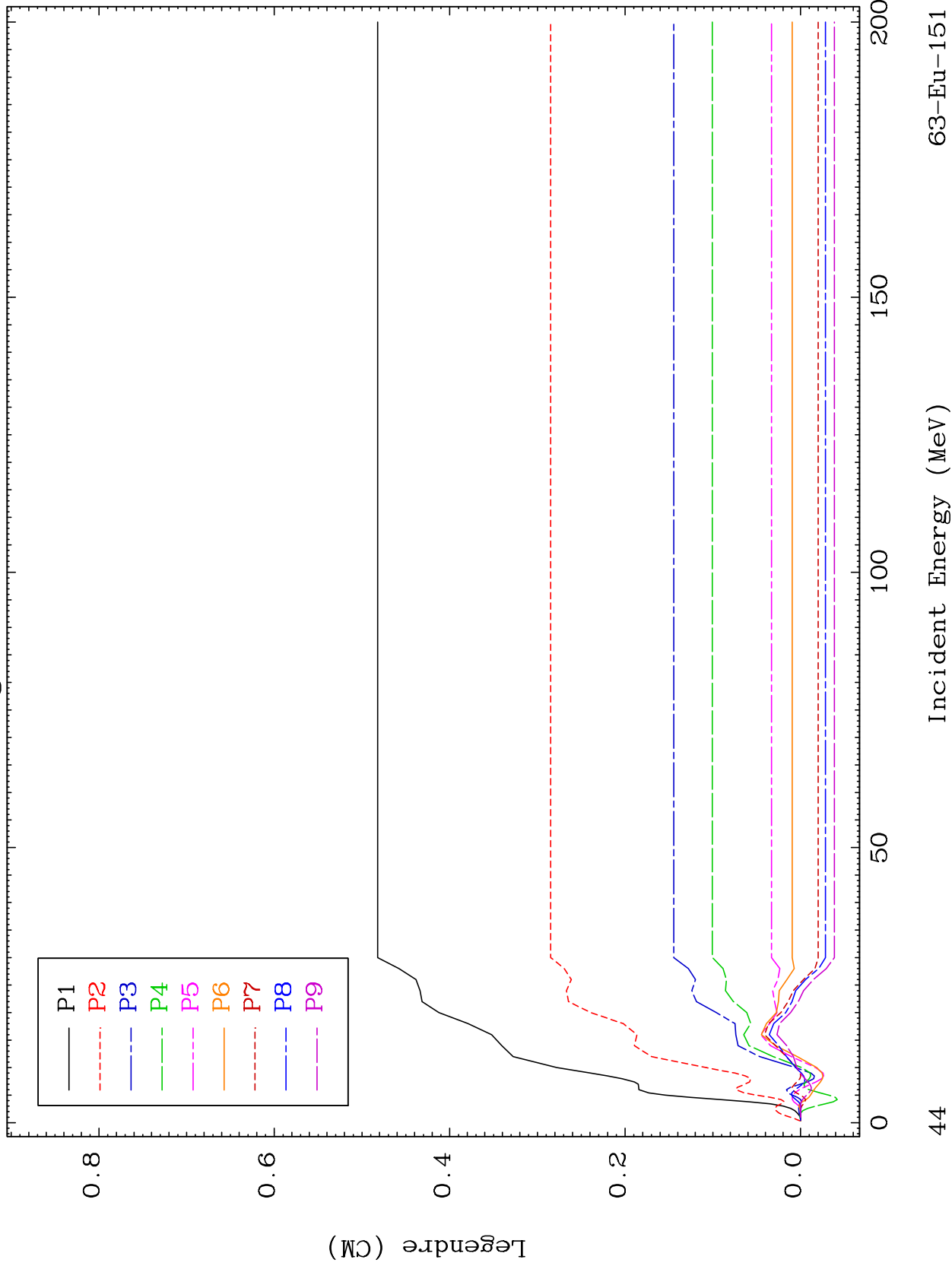
63-Eu-151



MAT 6325

306.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151

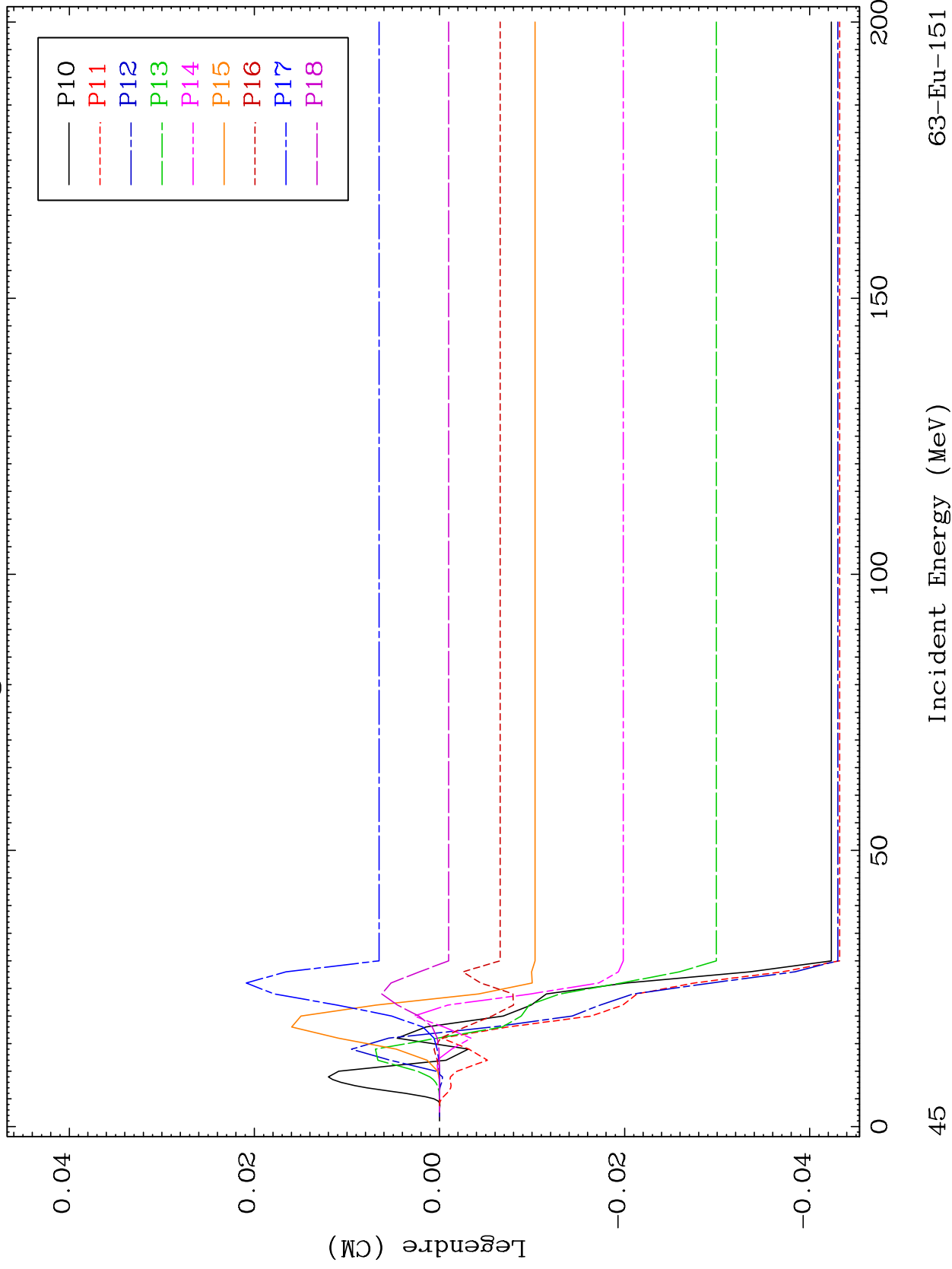


44

MAT 6325

306.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

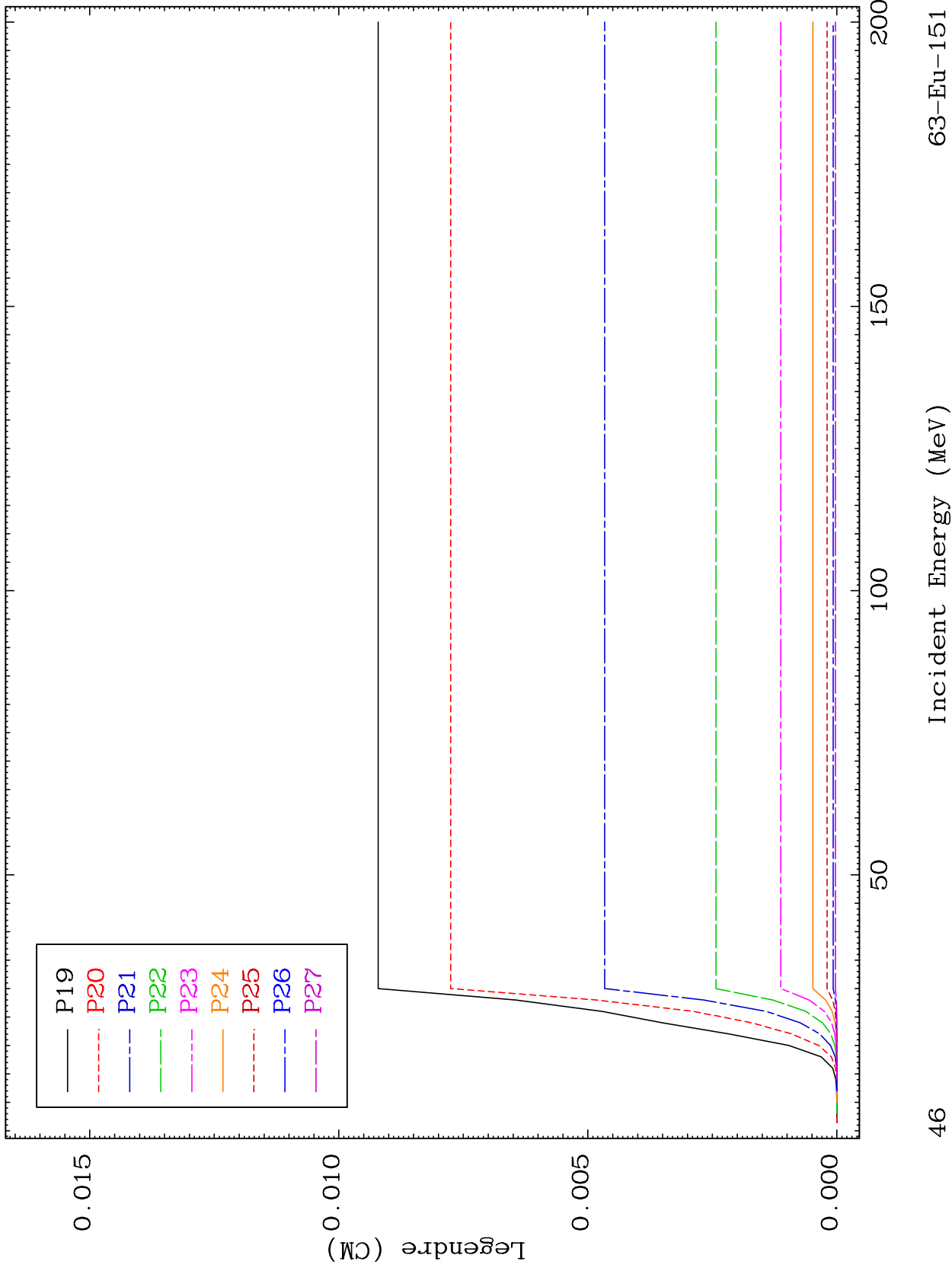
Incident Energy (MeV)

45

MAT 6325

306.3 keV (n,n') Level  
Legendre Coefficients

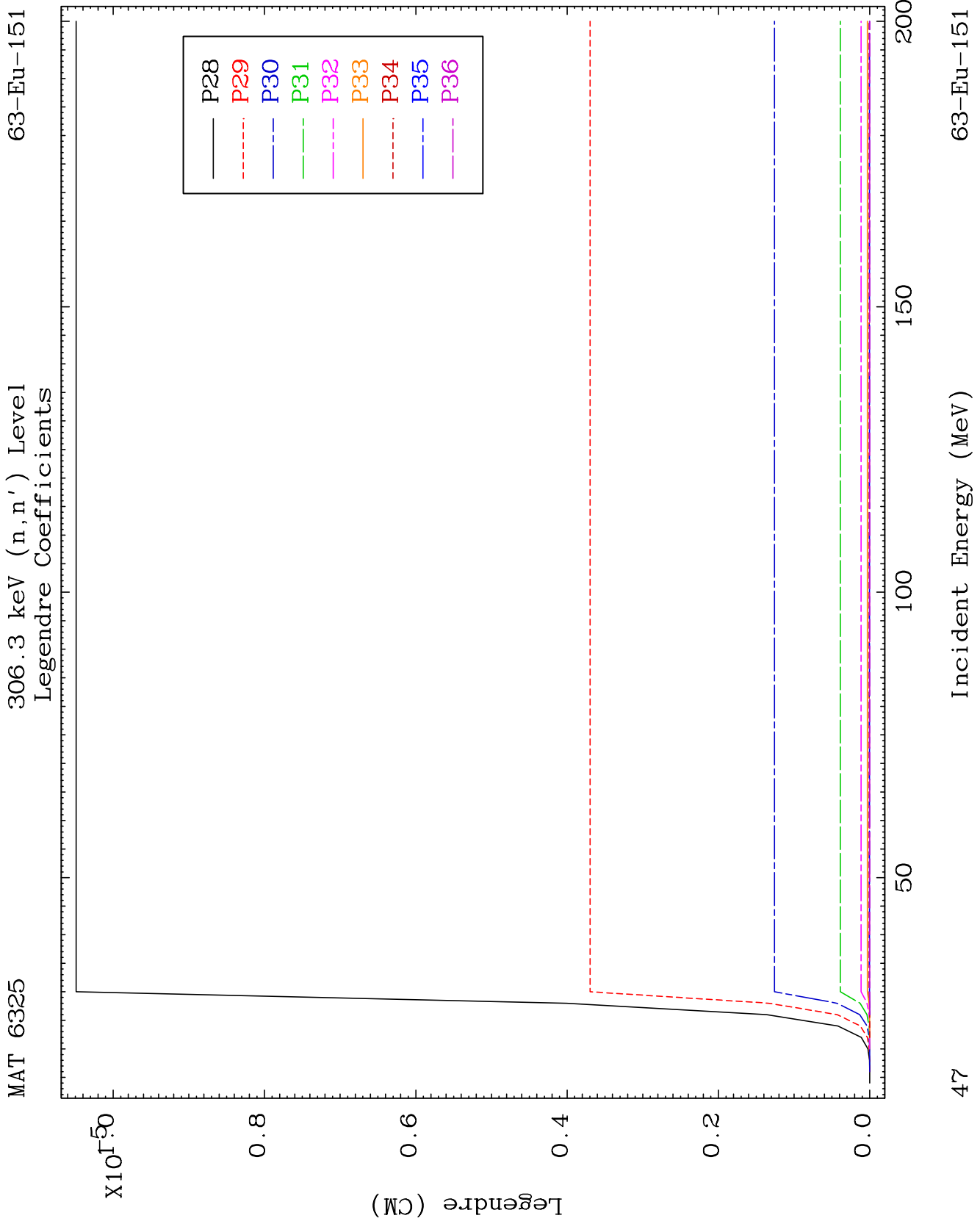
63-Eu-151



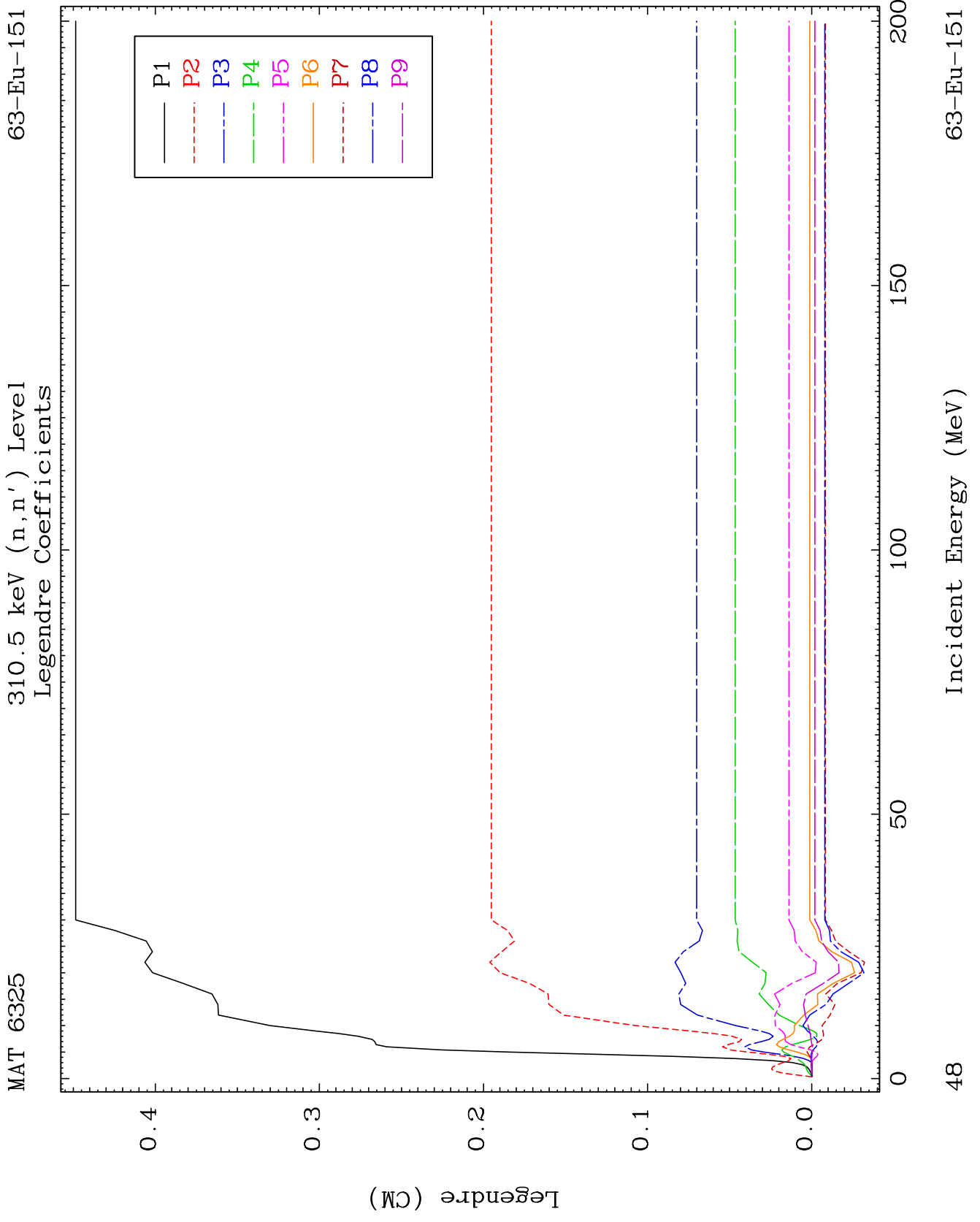
46

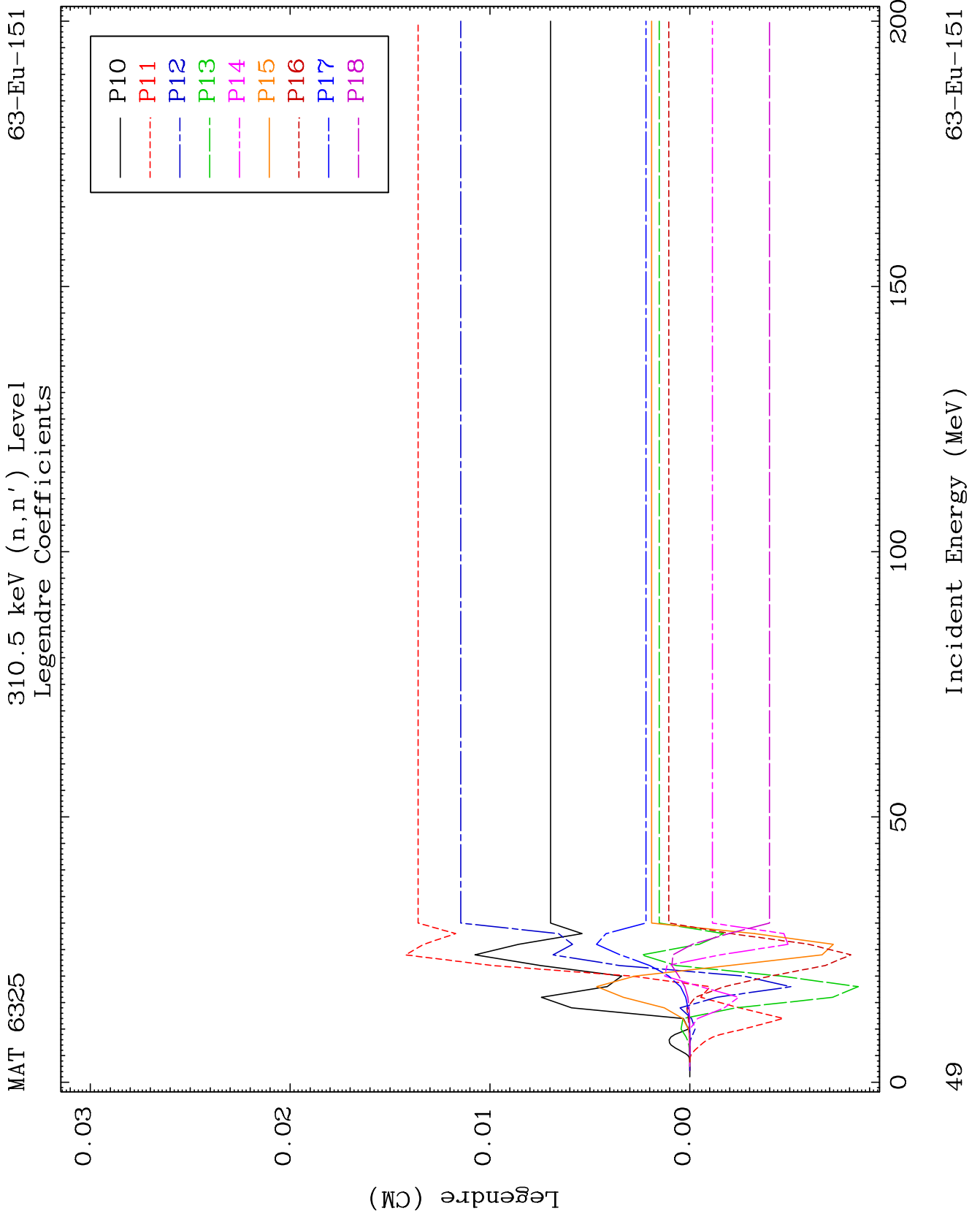
Incident Energy (MeV)

63-Eu-151





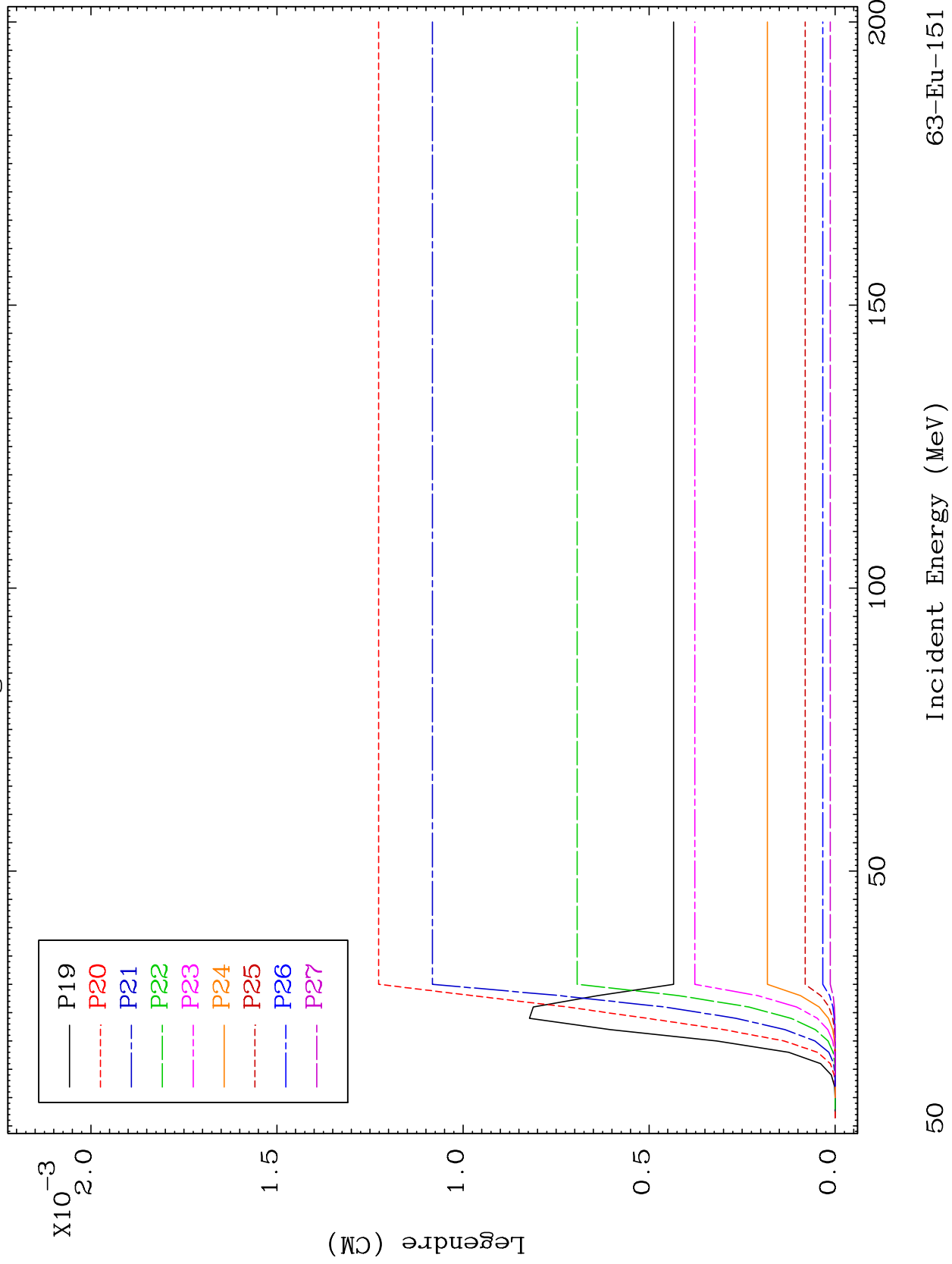


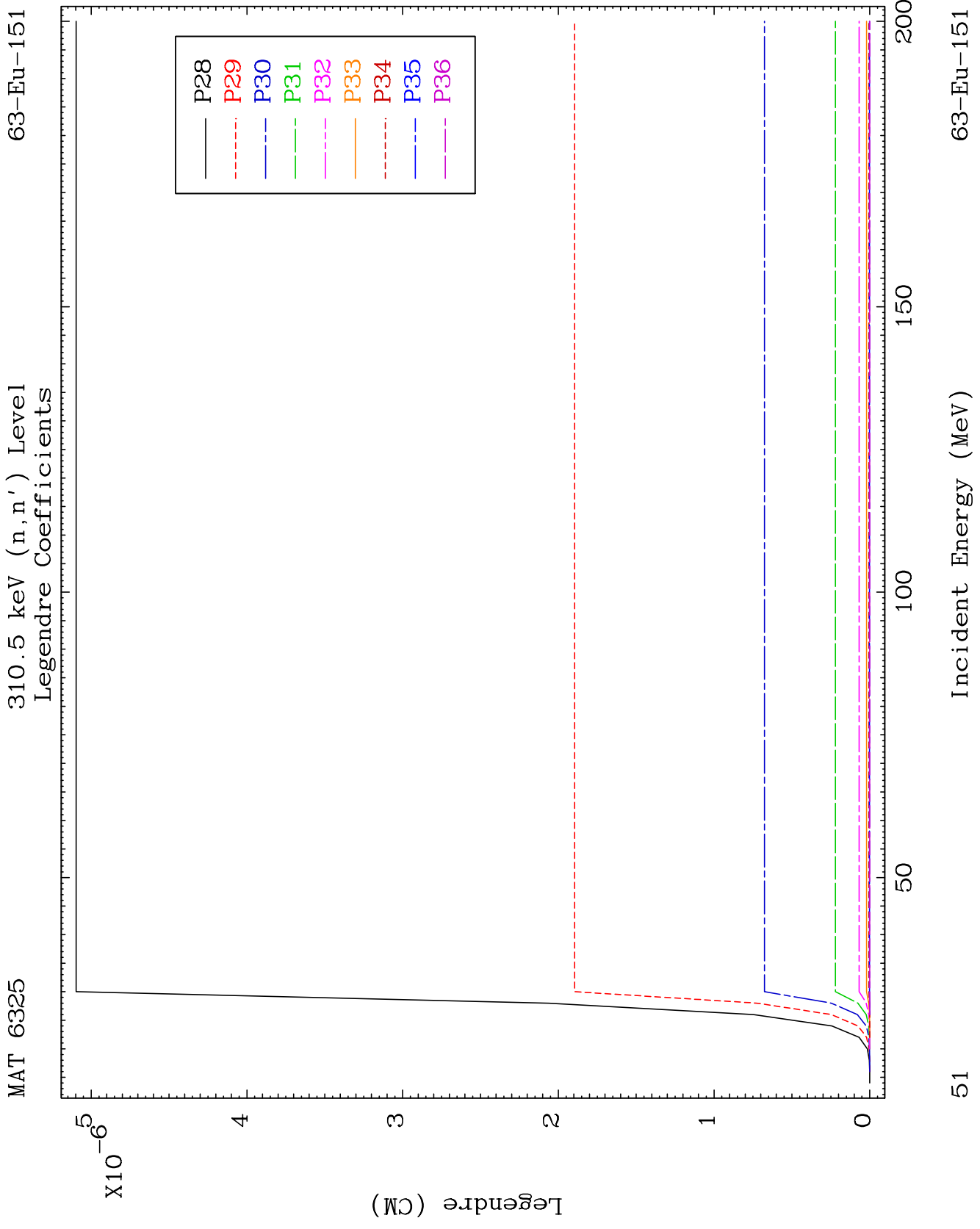


MAT 6325

310.5 keV (n, n') Level  
Legendre Coefficients

63-Eu-151

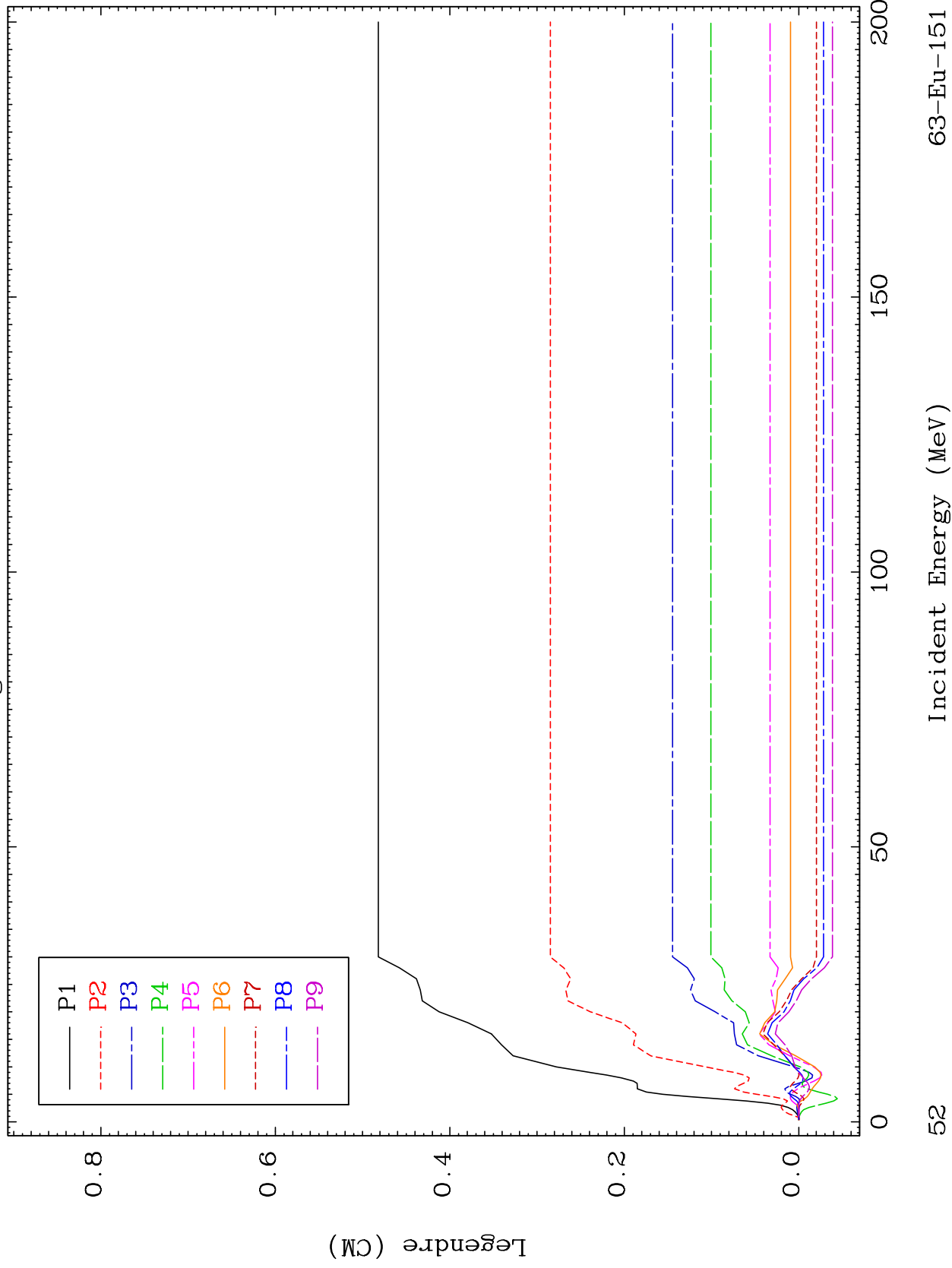




MAT 6325

313.8 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

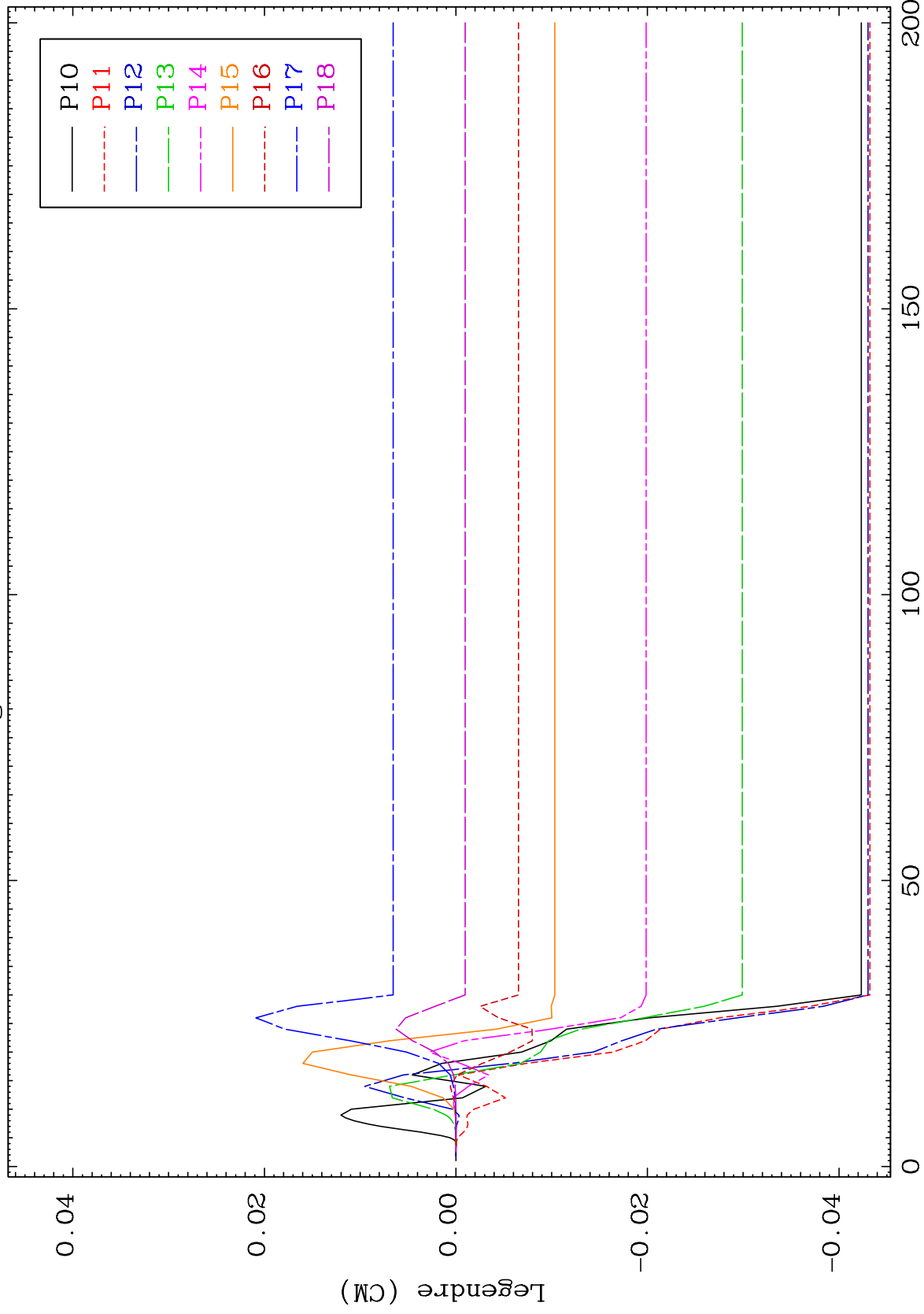
Incident Energy (MeV)

52

MAT 6325

313.8 keV (n, n') Level  
Legendre Coefficients

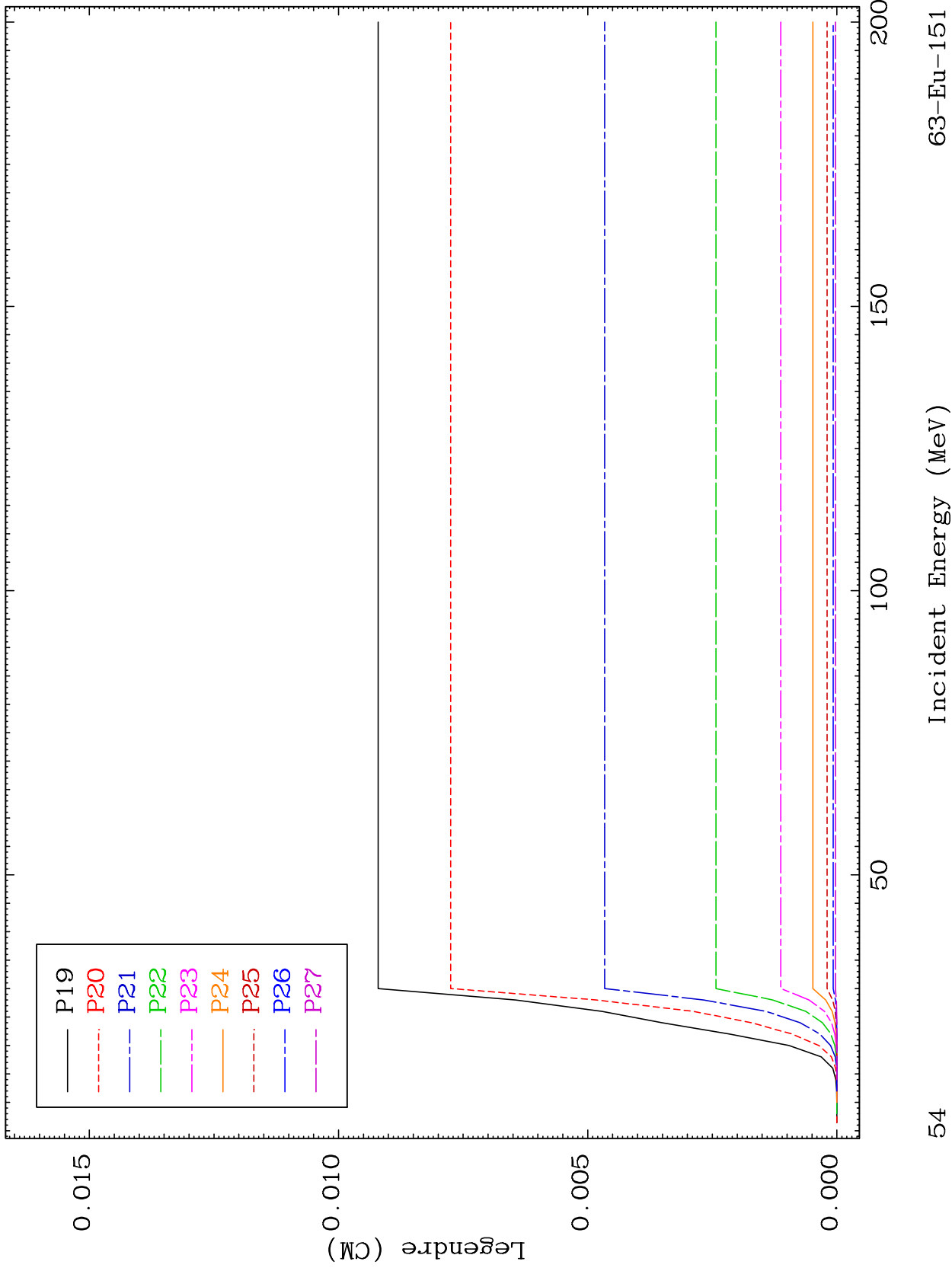
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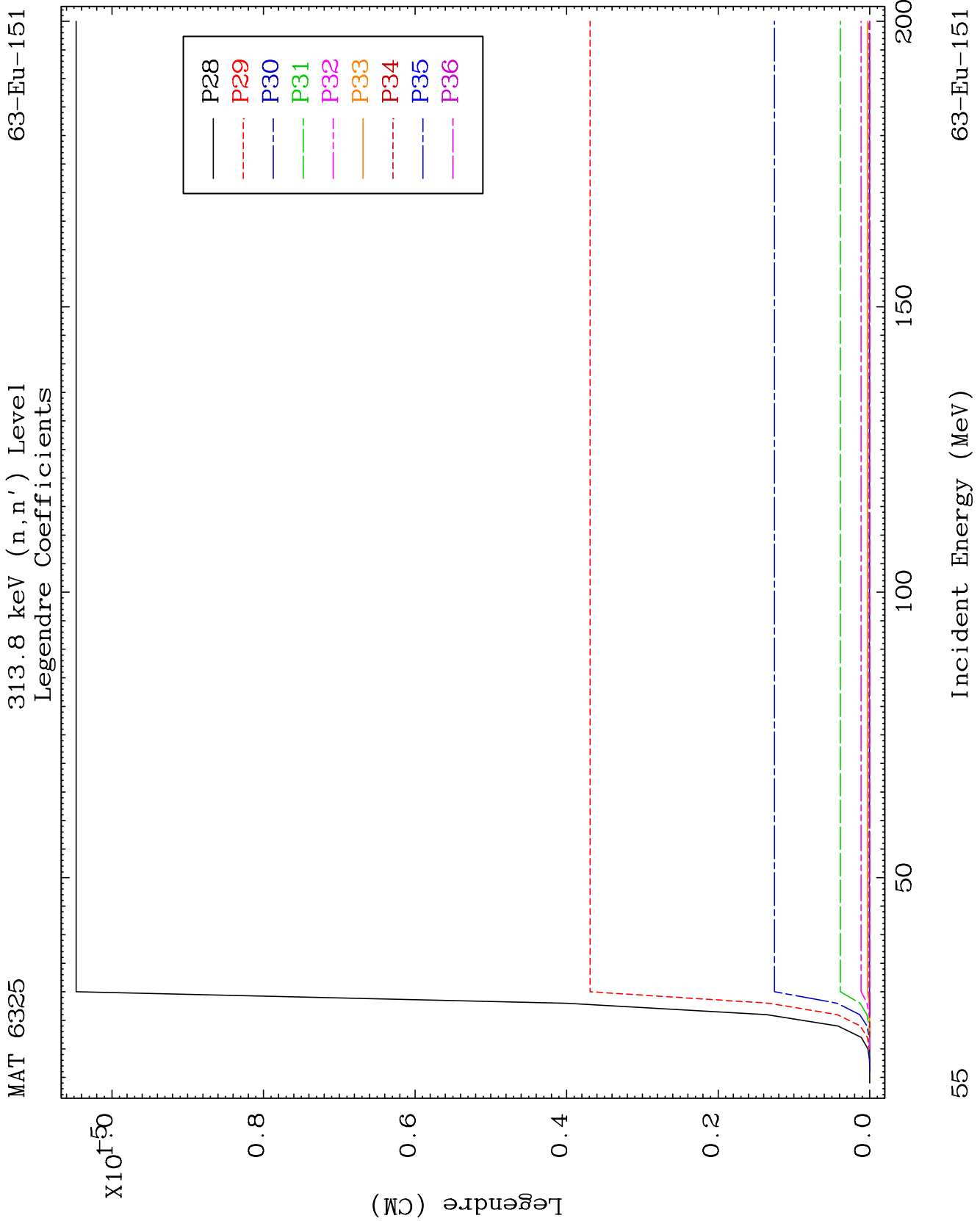


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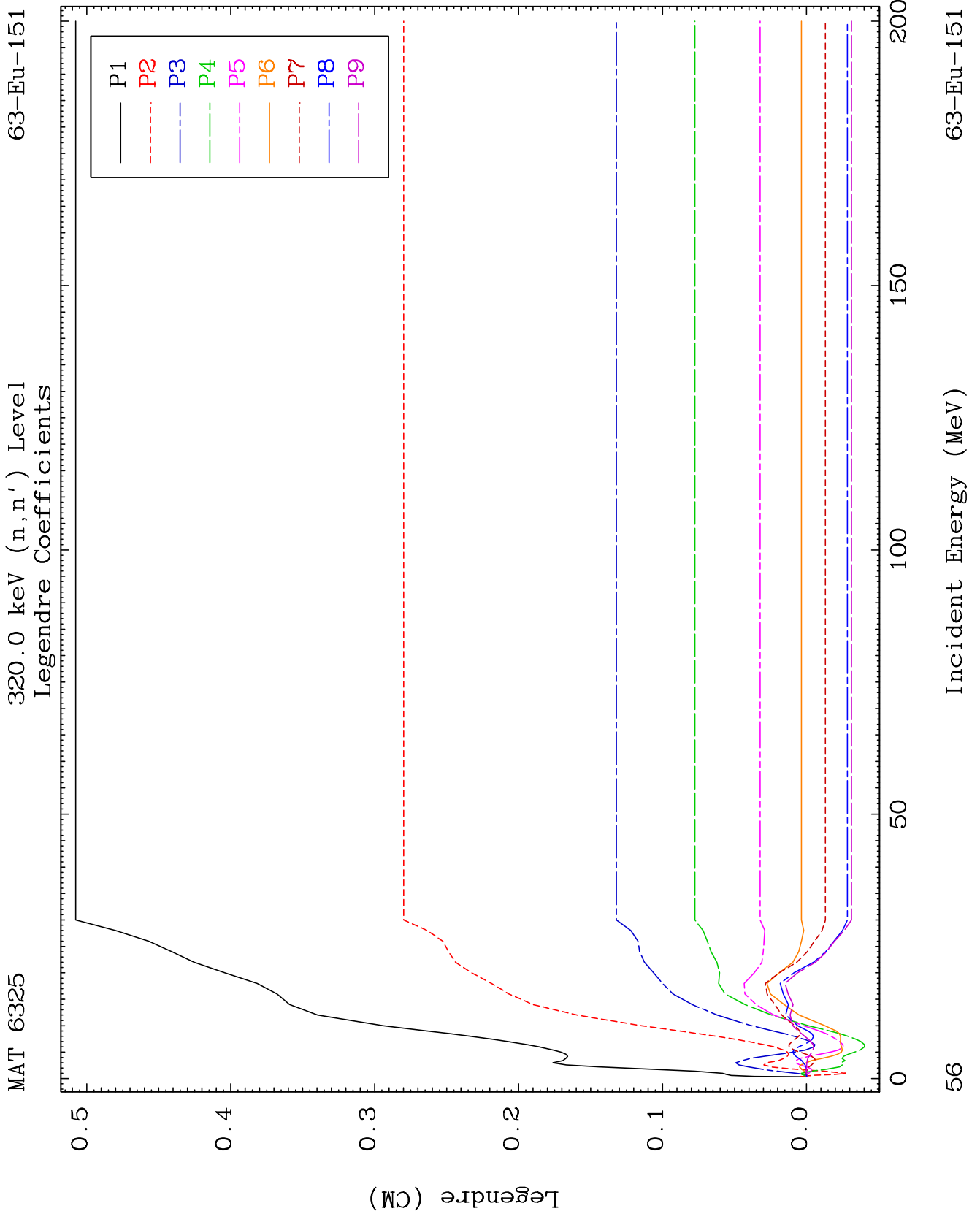
Incident Energy (MeV)

63-Eu-151

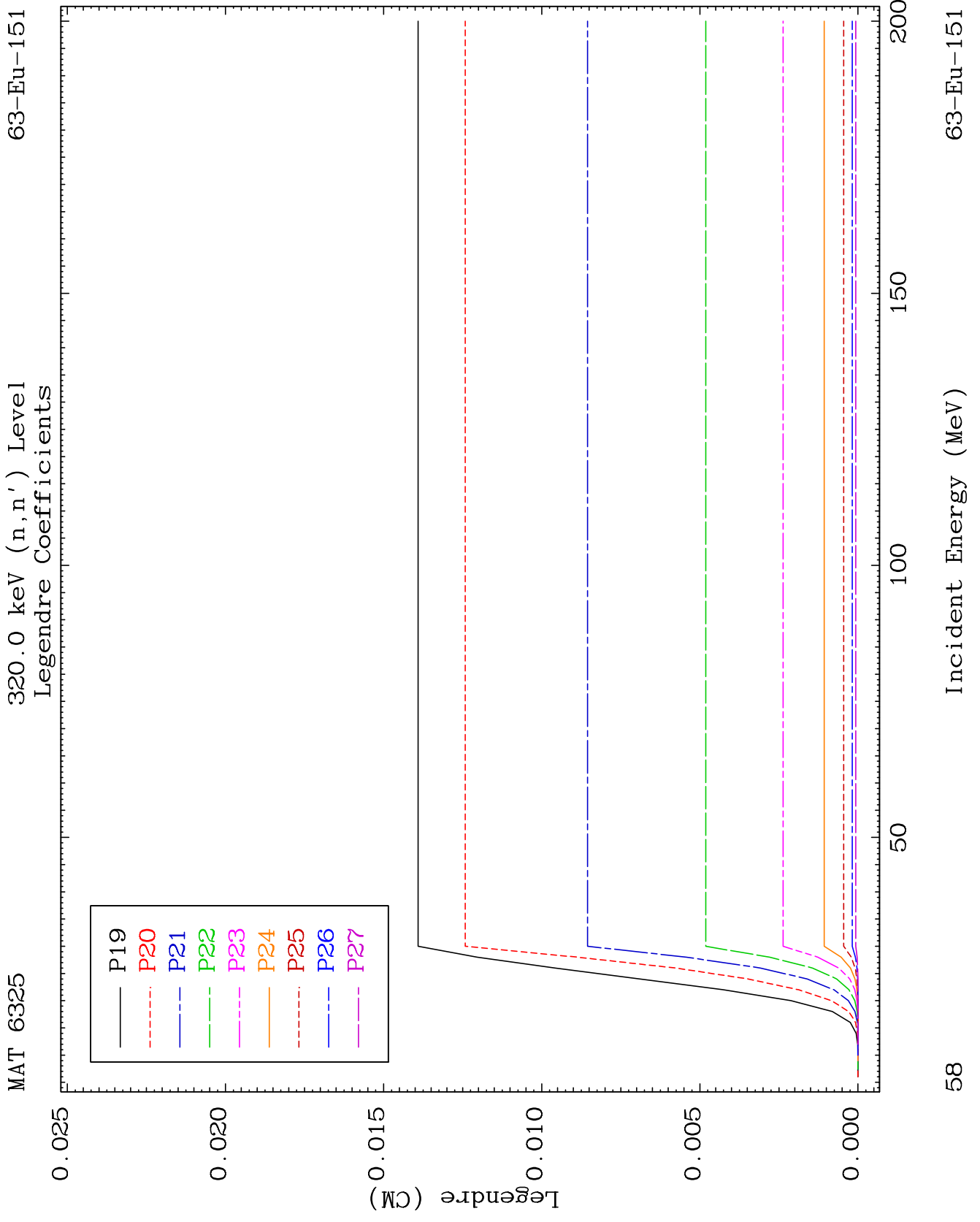


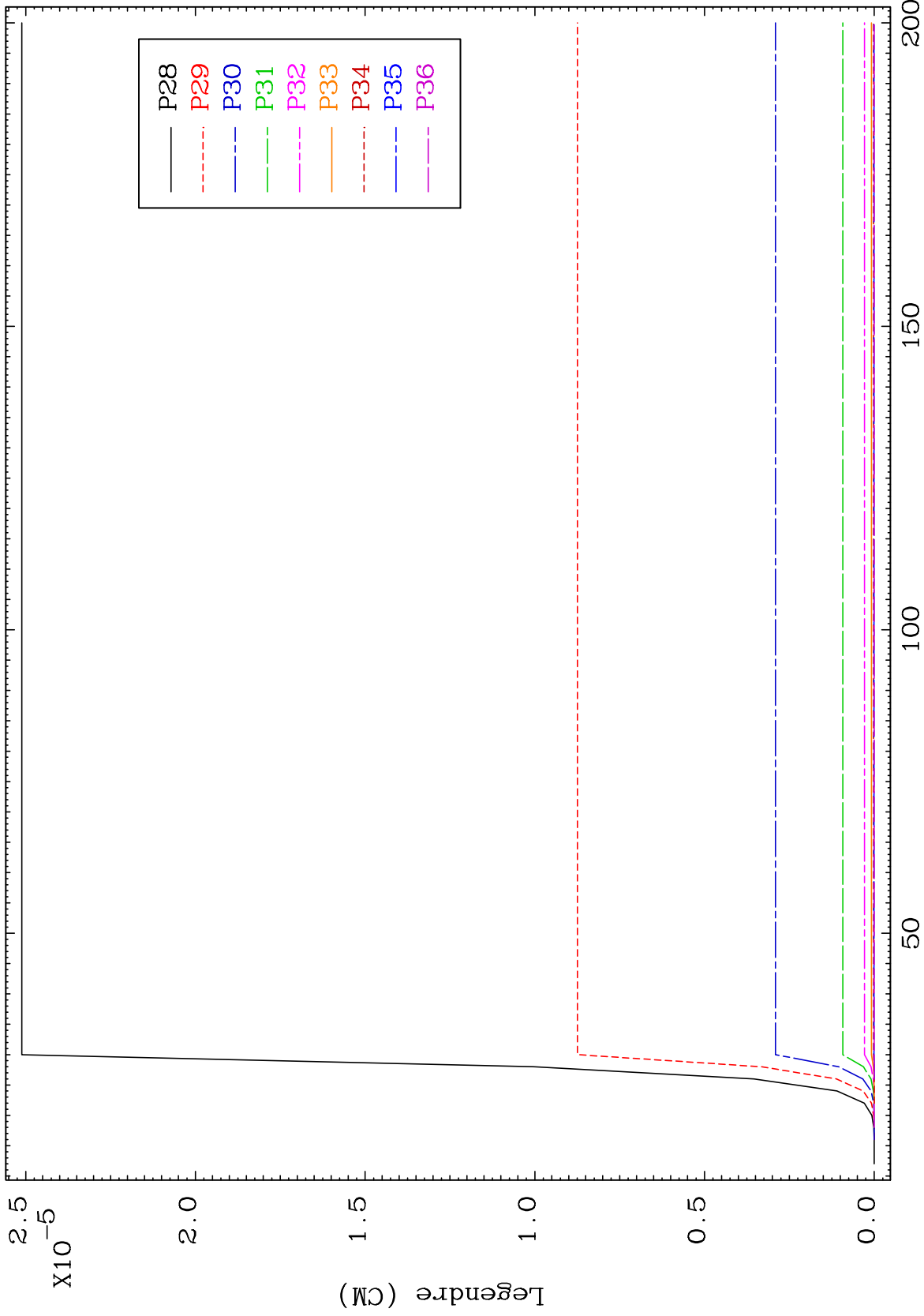








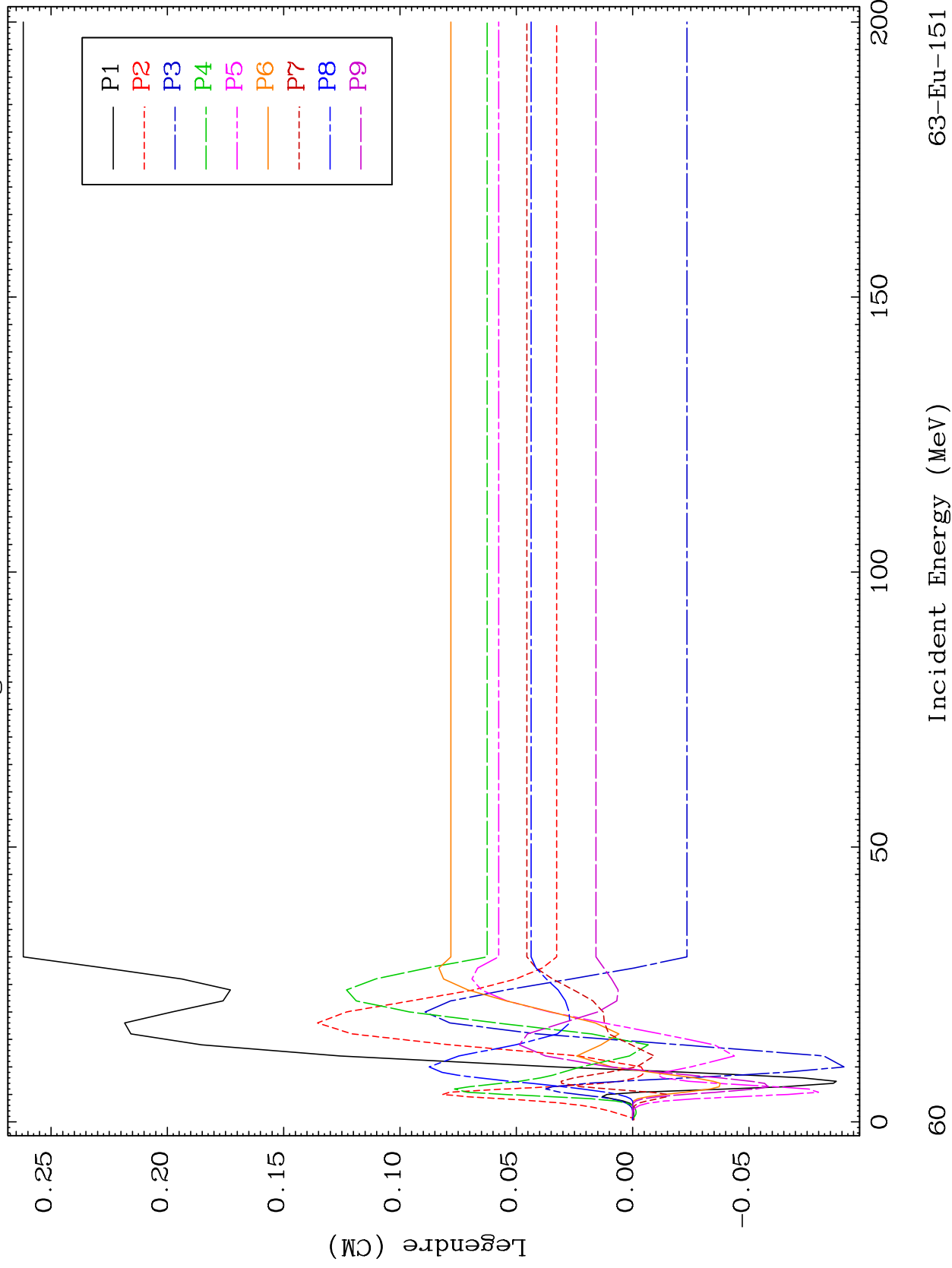




MAT 6325

332.2 keV (n,n') Level  
Legendre Coefficients

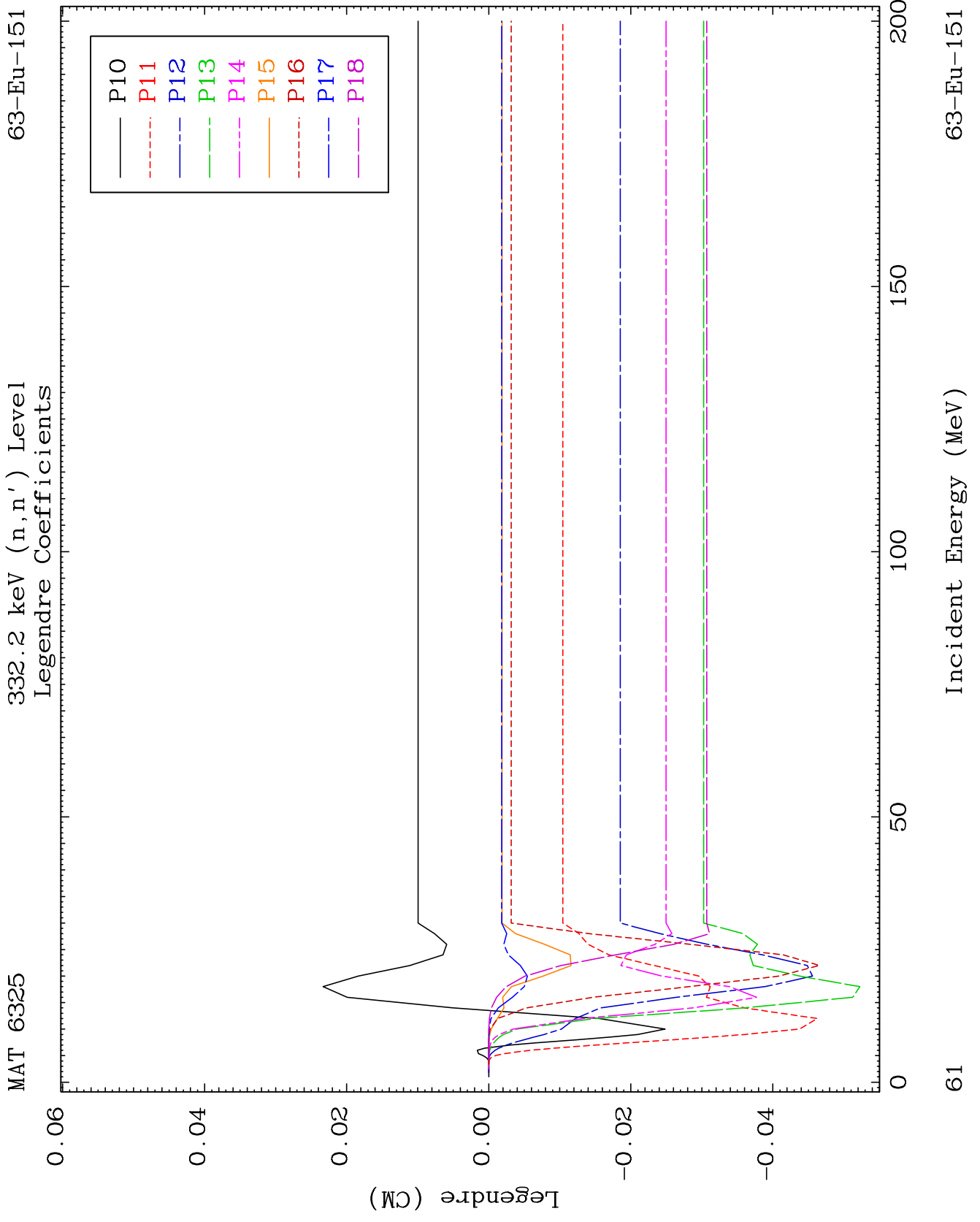
63-Eu-151



63-Eu-151

Incident Energy (MeV)

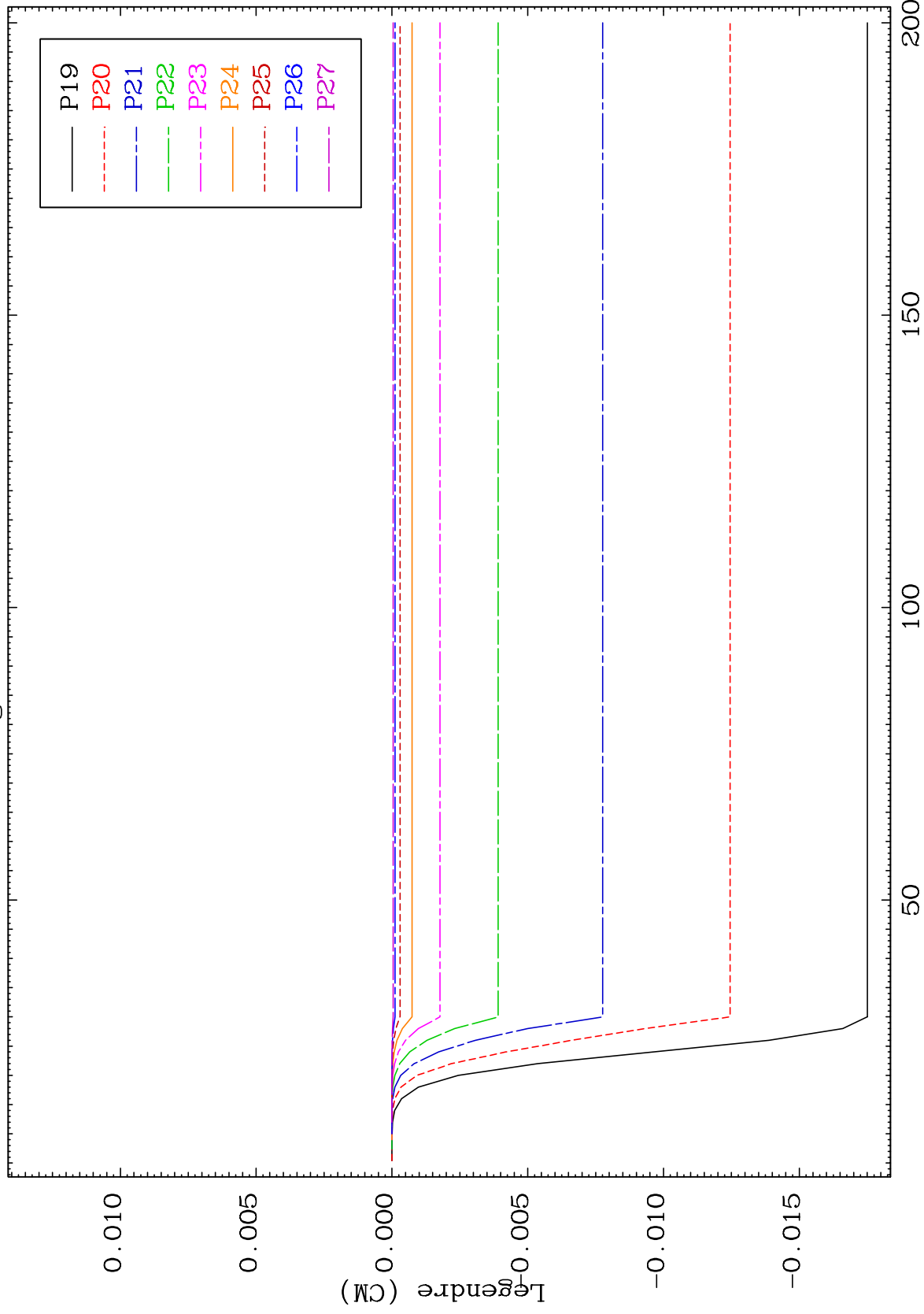
60



MAT 6325

332.2 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



62

Incident Energy (MeV)

63-Eu-151

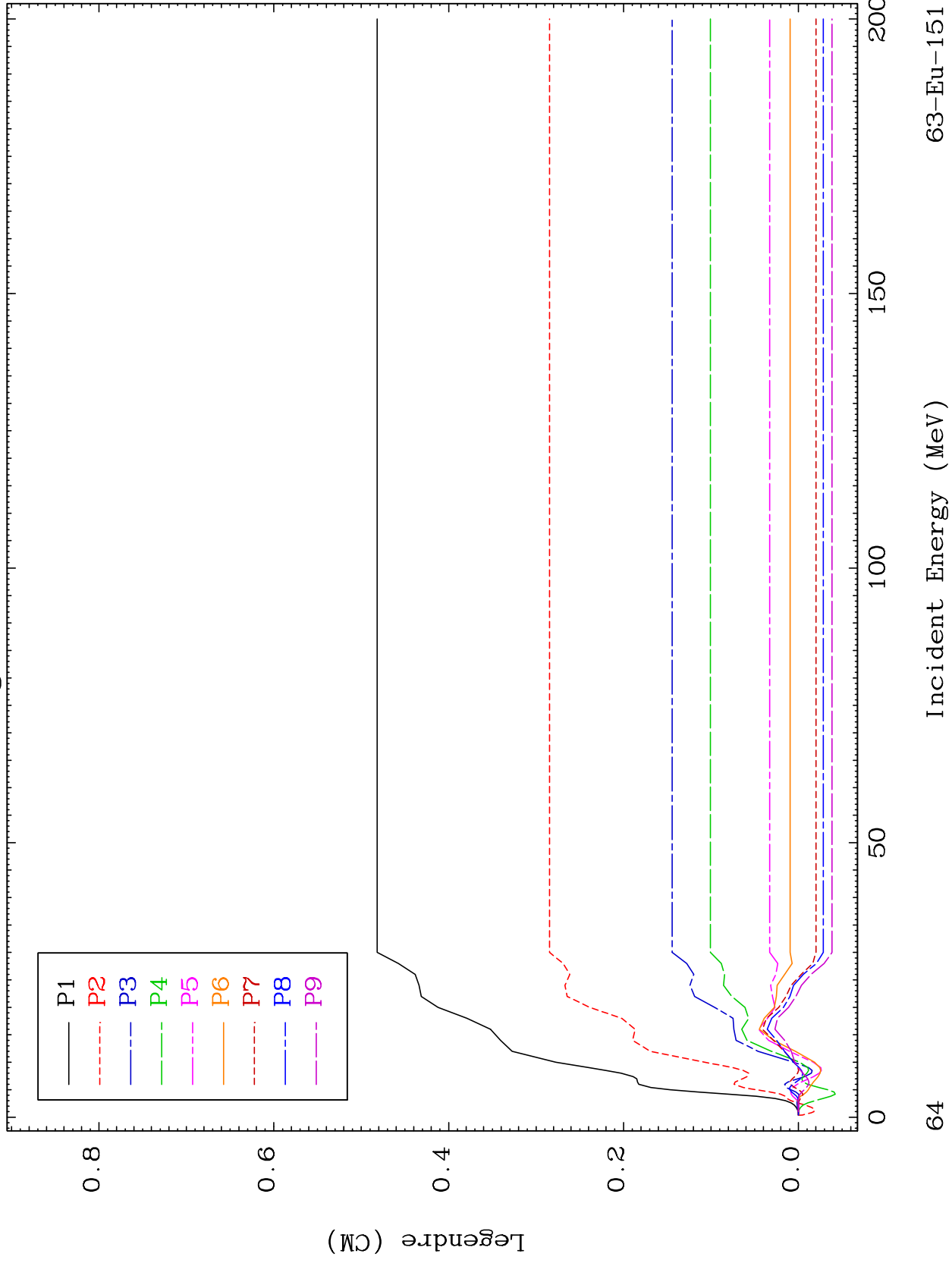




MAT 6325

336.2 keV (n,n') Level  
Legendre Coefficients

63-Eu-151

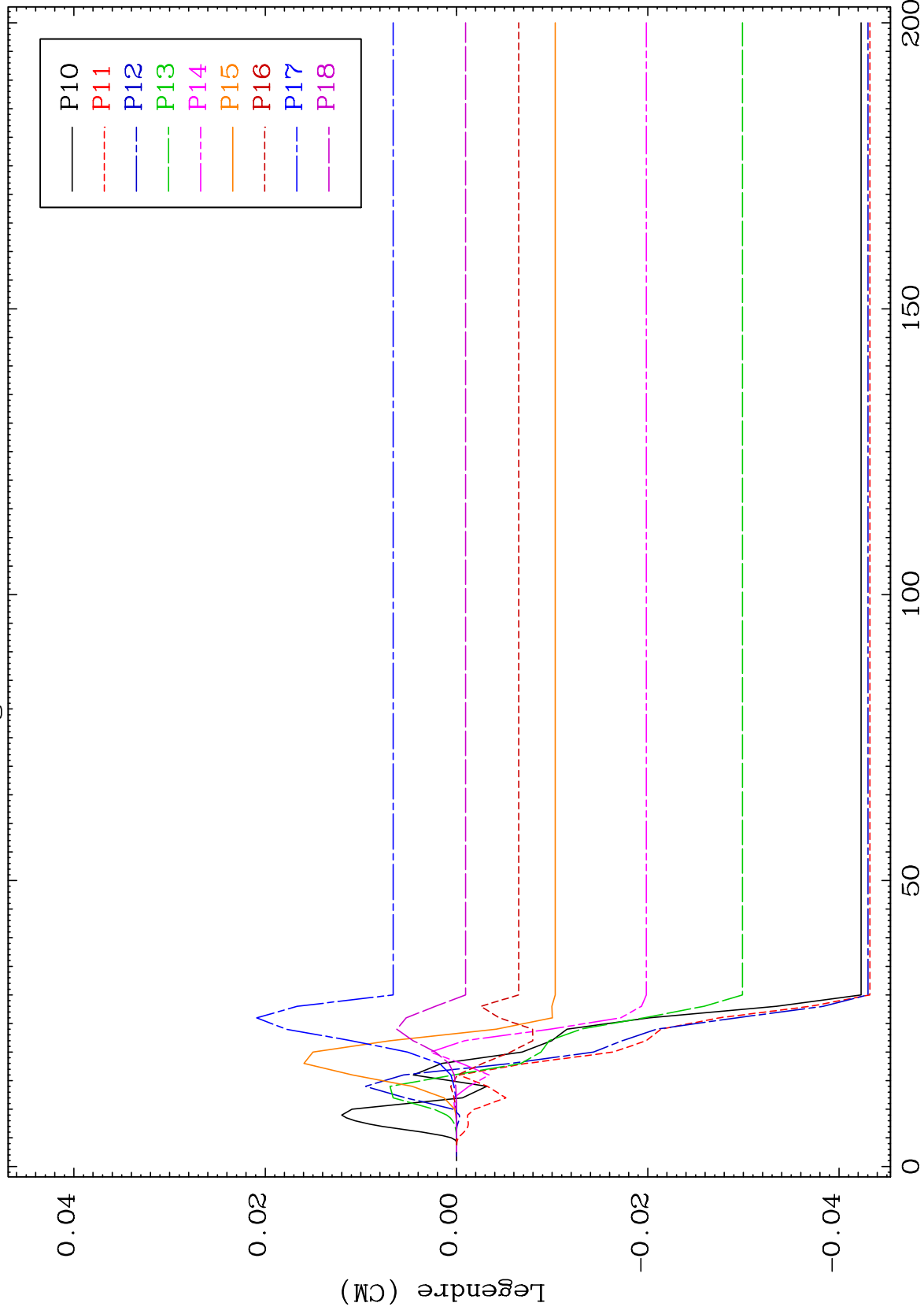


64

MAT 6325

336.2 keV (n,n') Level  
Legendre Coefficients

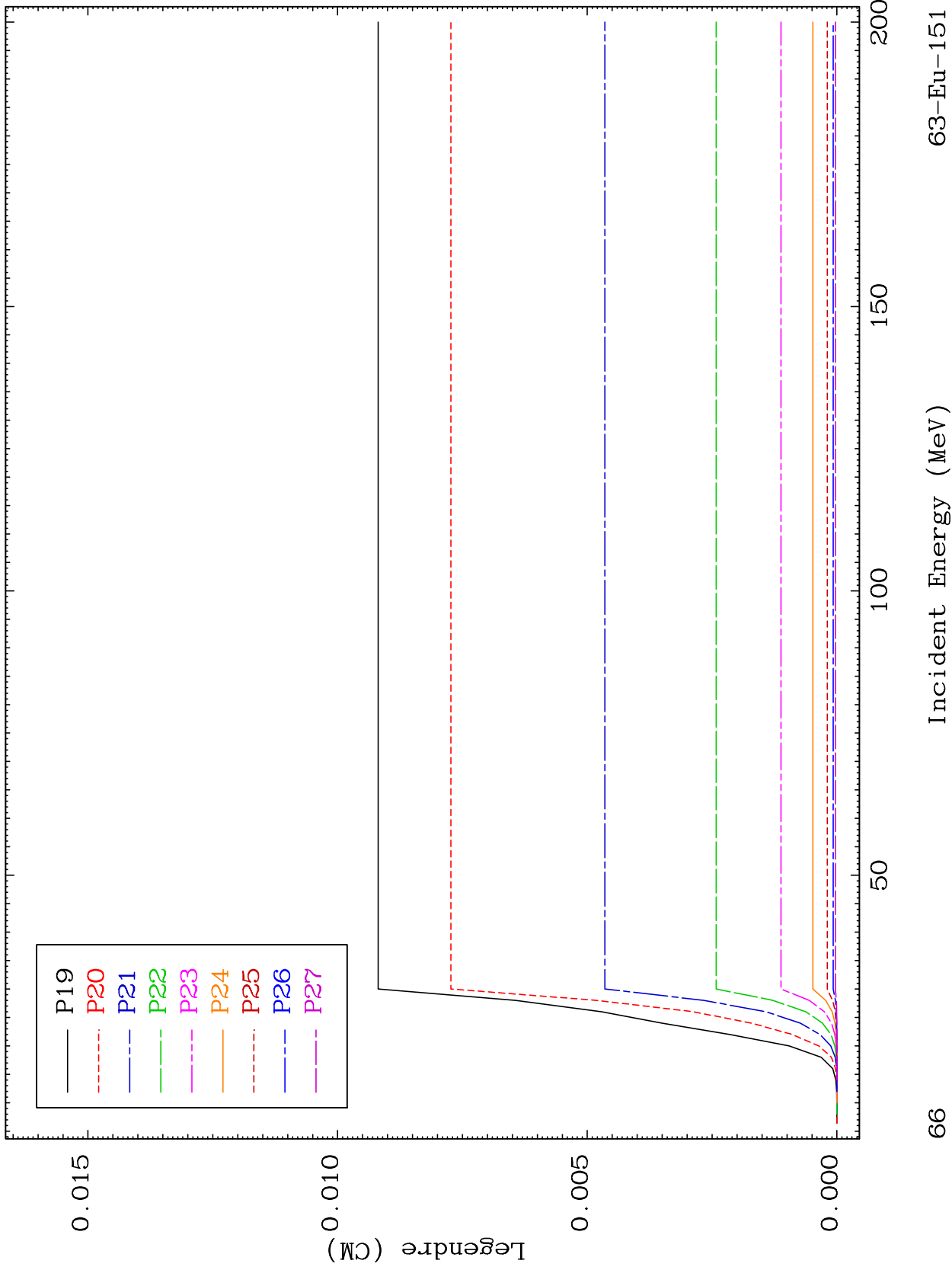
63-Eu-151



65

Incident Energy (MeV)

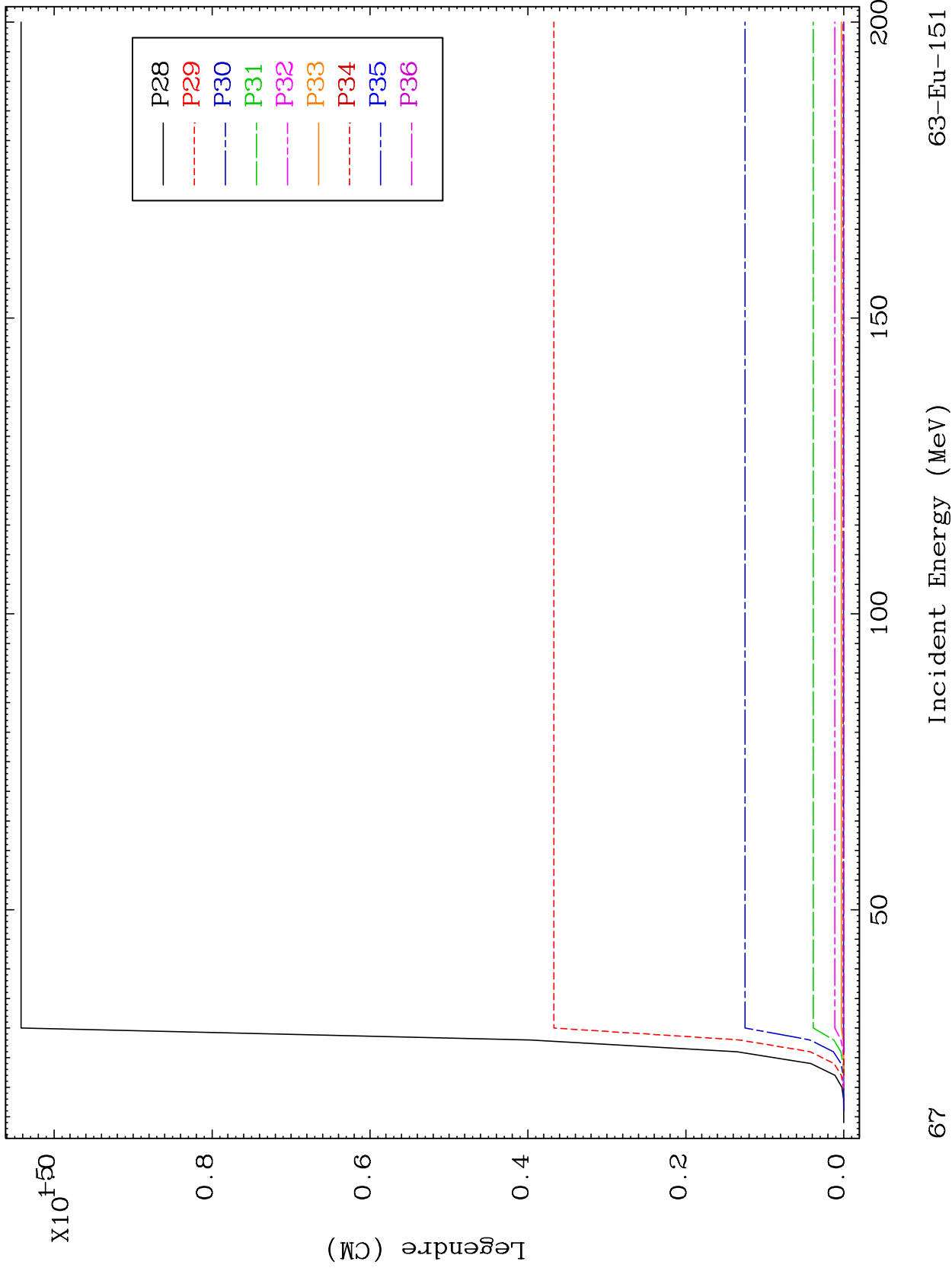
63-Eu-151



MAT 6325

336.2 keV (n,n') Level  
Legendre Coefficients

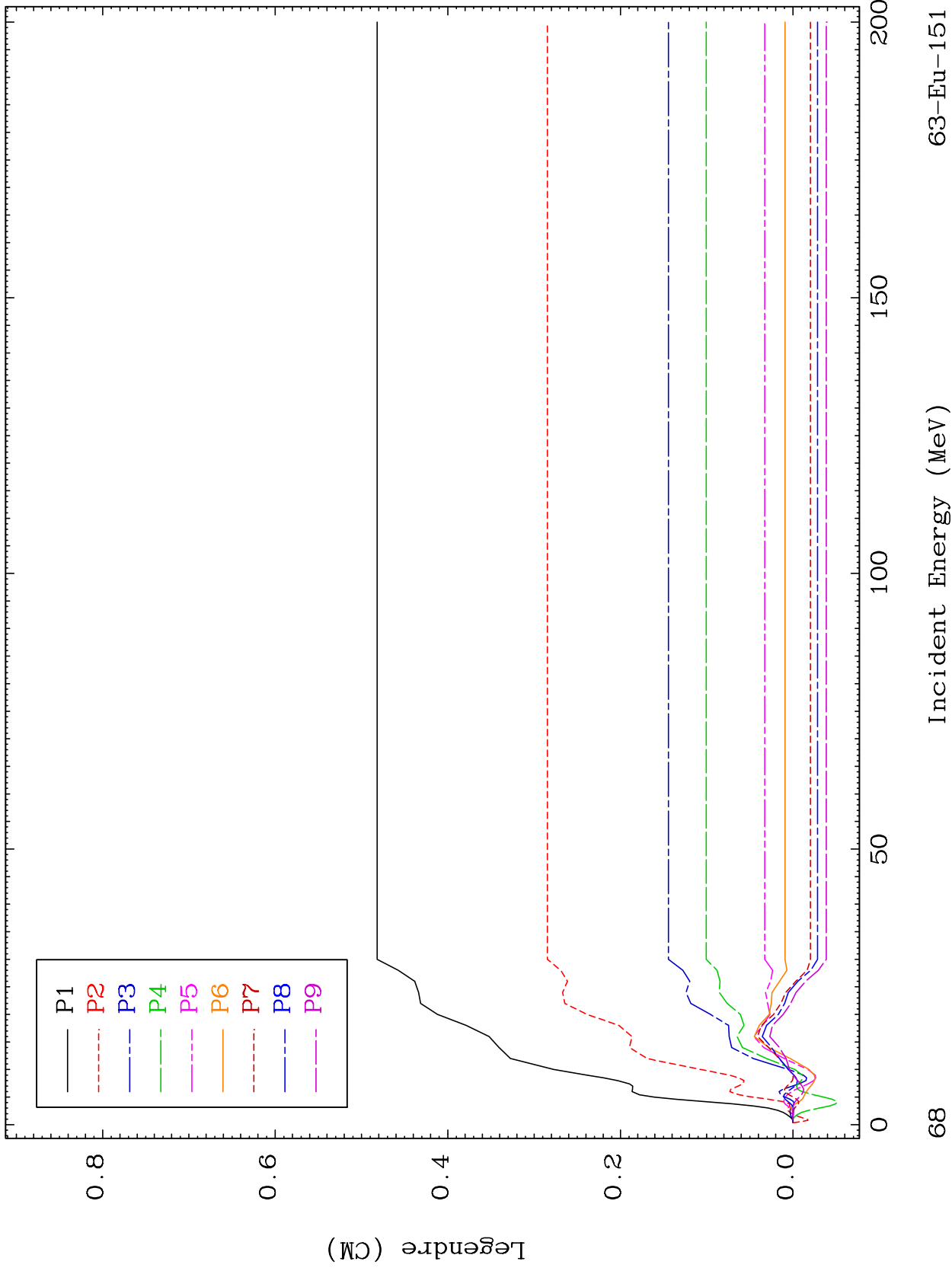
63-Eu-151



MAT 6325

349.8 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

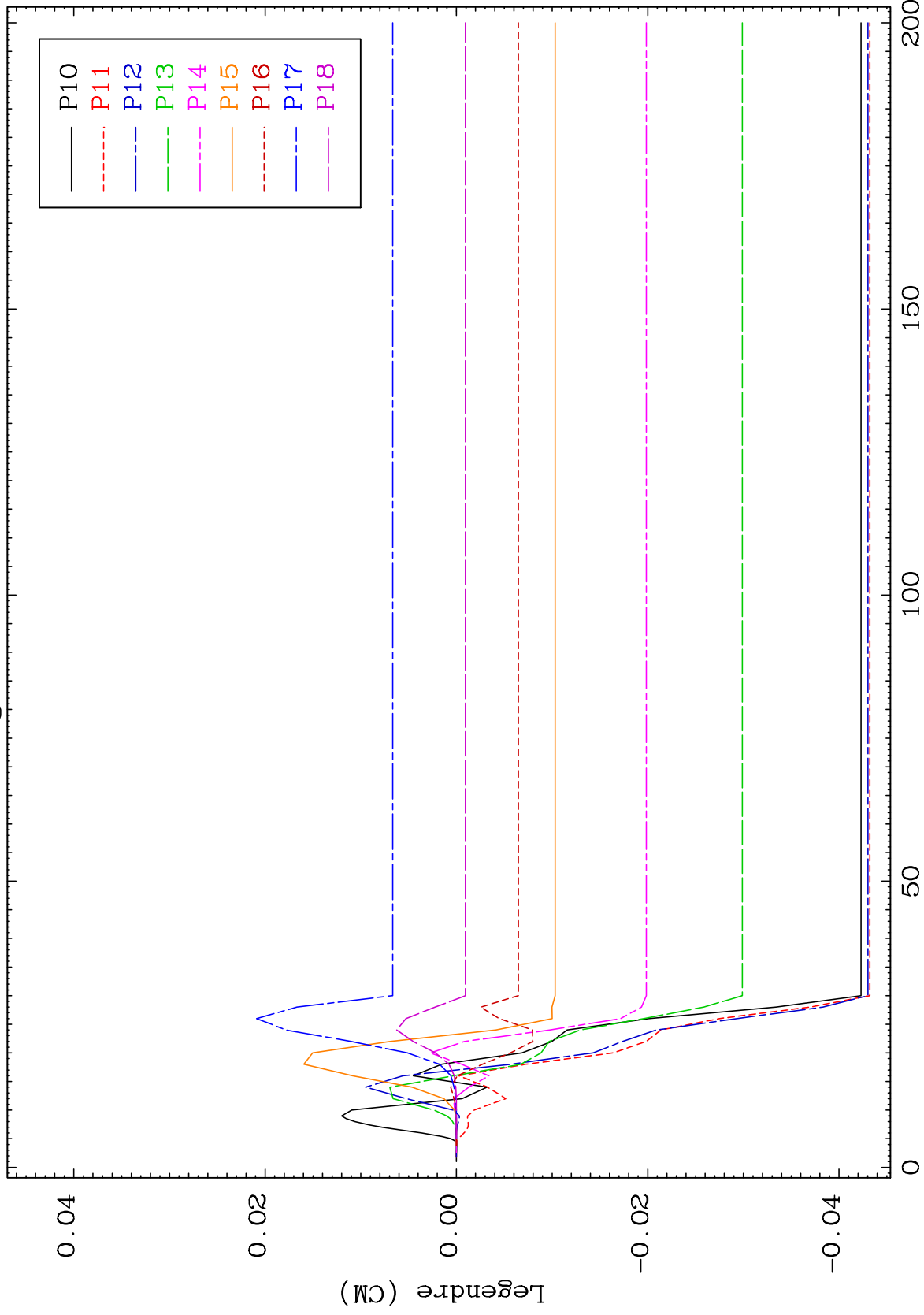
Incident Energy (MeV)

68

MAT 6325

349.8 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



69

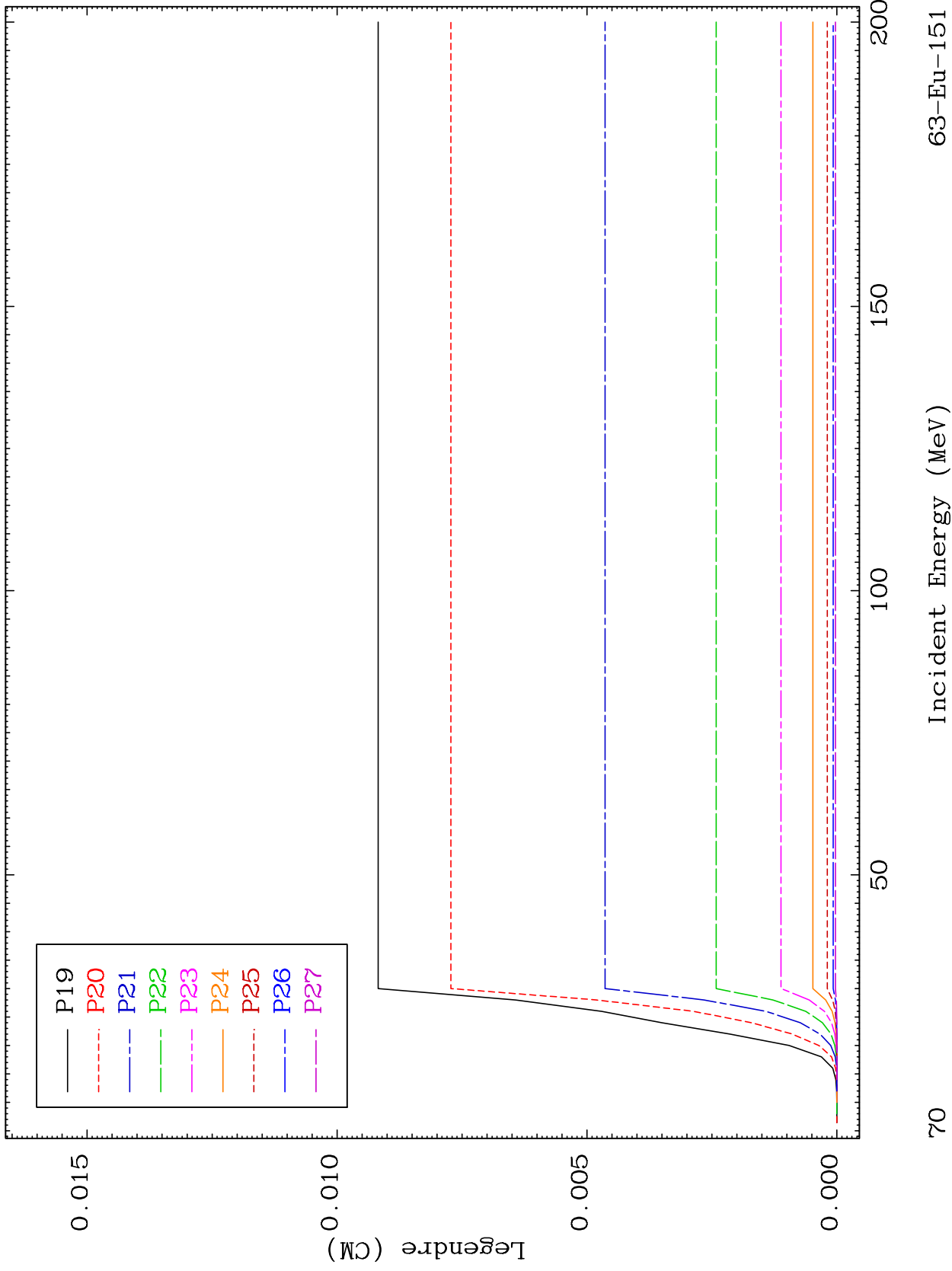
Incident Energy (MeV)

63-Eu-151

MAT 6325

349.8 keV (n, n') Level  
Legendre Coefficients

63-Eu-151



70

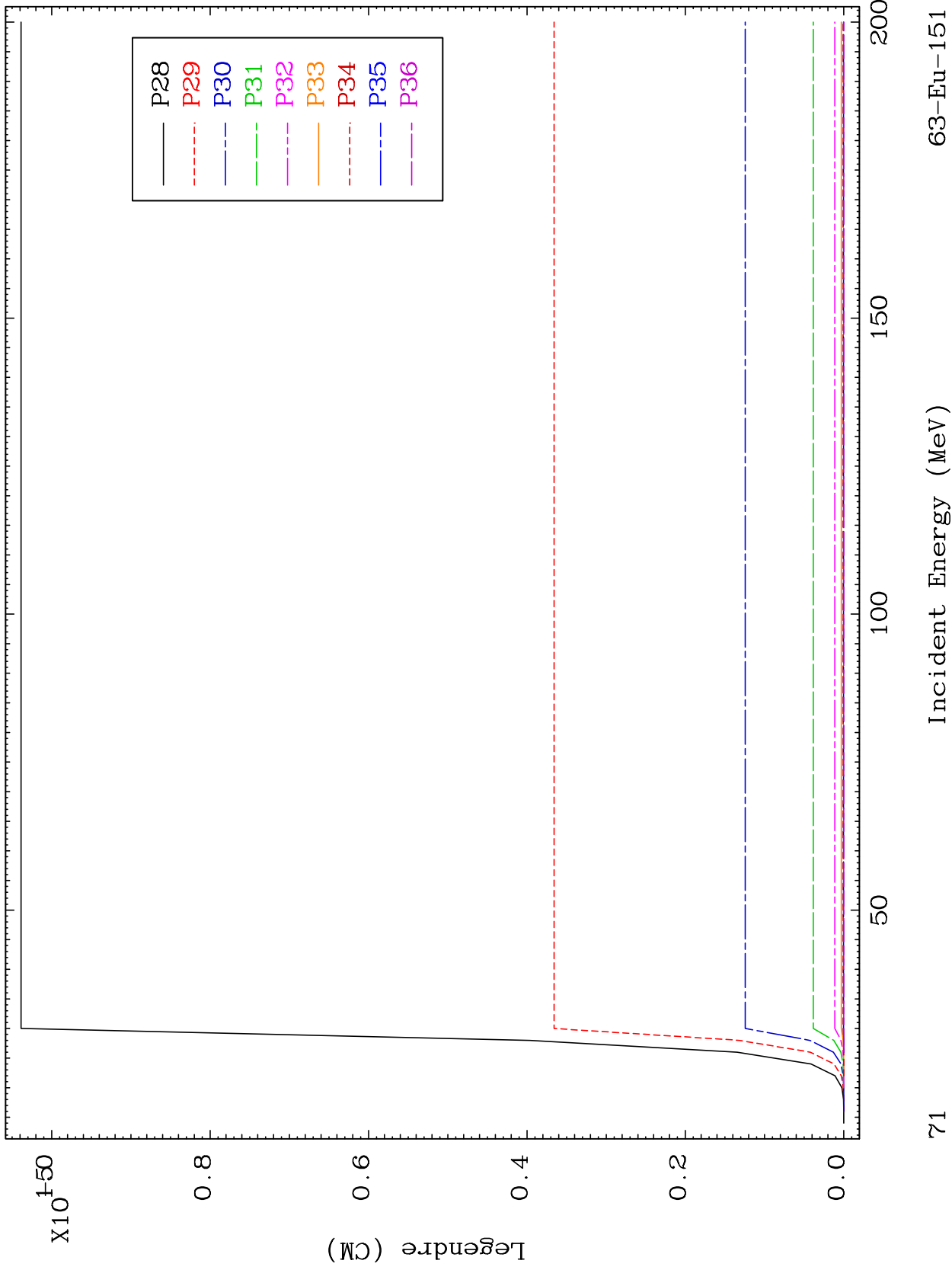
Incident Energy (MeV)

63-Eu-151

MAT 6325

349.8 keV (n, n') Level  
Legendre Coefficients

63-Eu-151



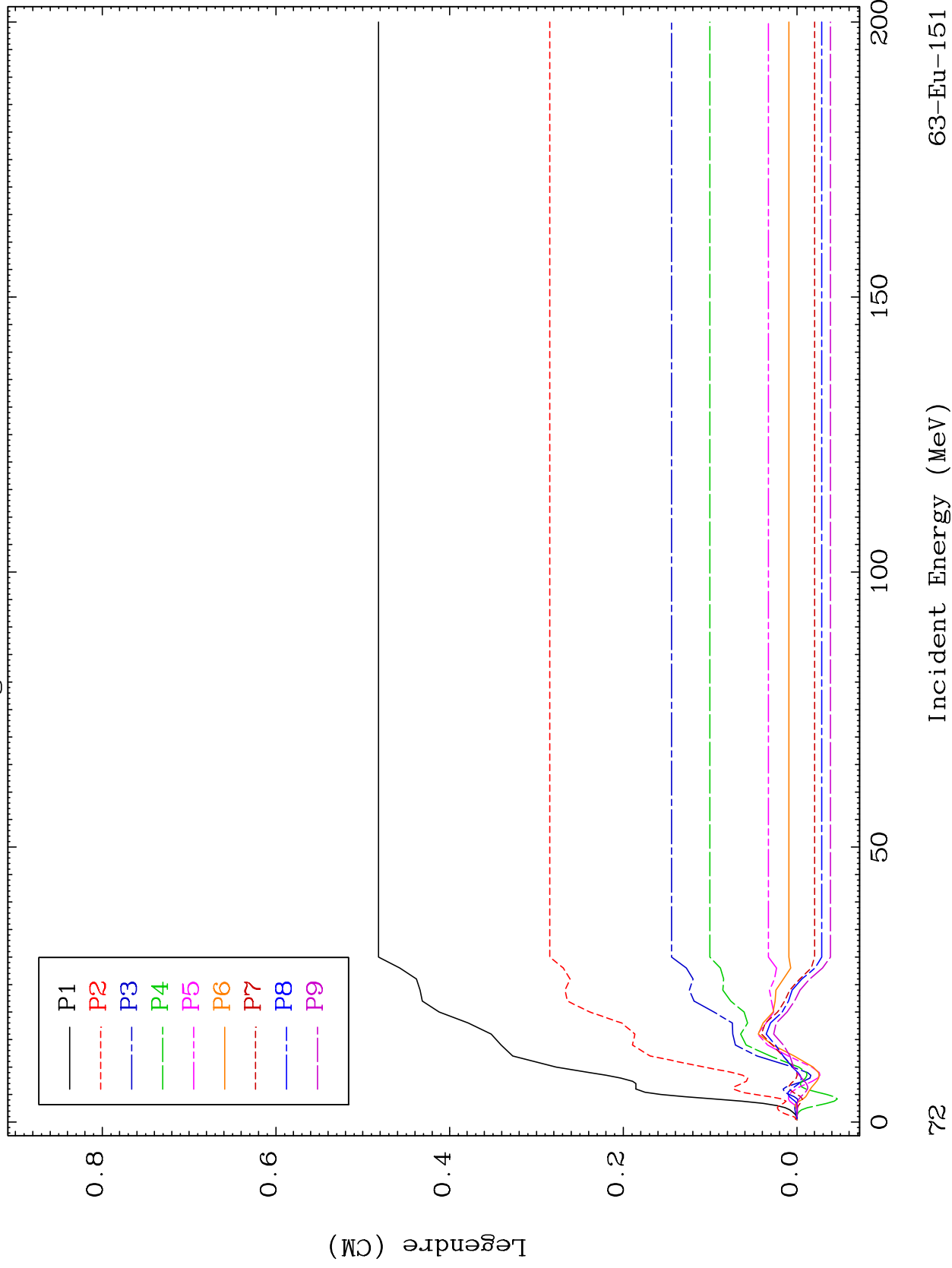
71



MAT 6325

353.6 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



72

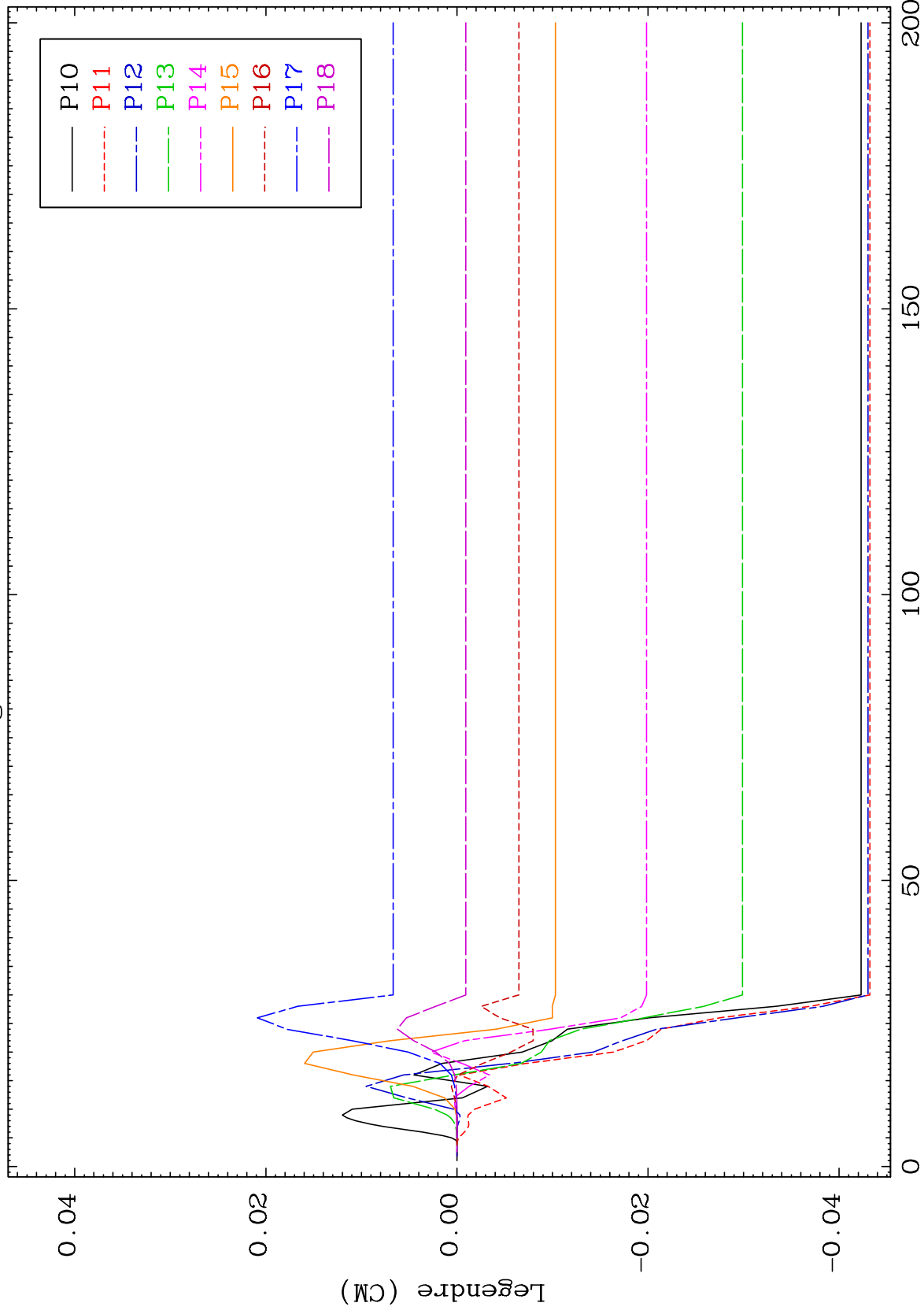
Incident Energy (MeV)

63-Eu-151

MAT 6325

353.6 keV (n,n') Level  
Legendre Coefficients

63-Eu-151

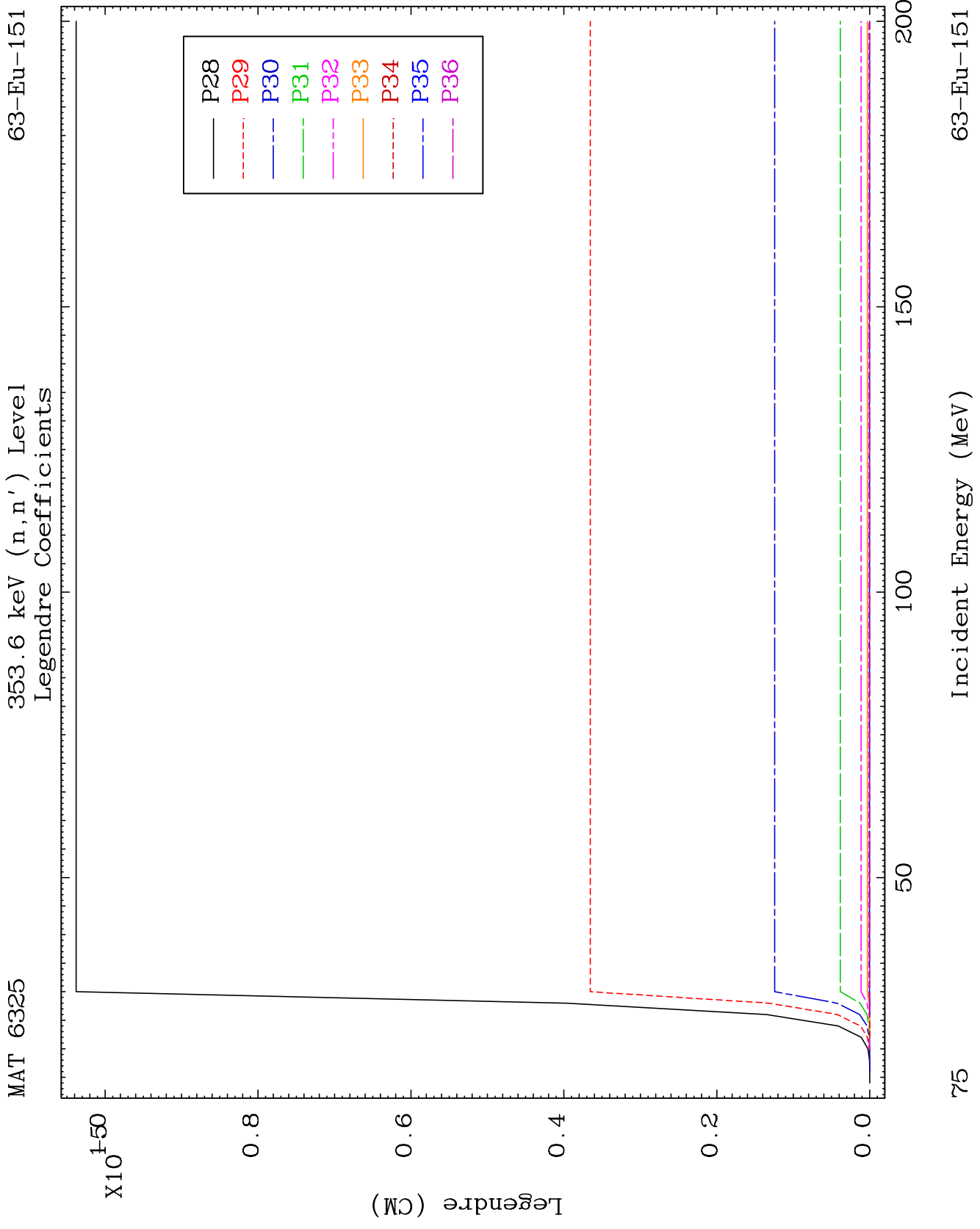


73

Incident Energy (MeV)

63-Eu-151

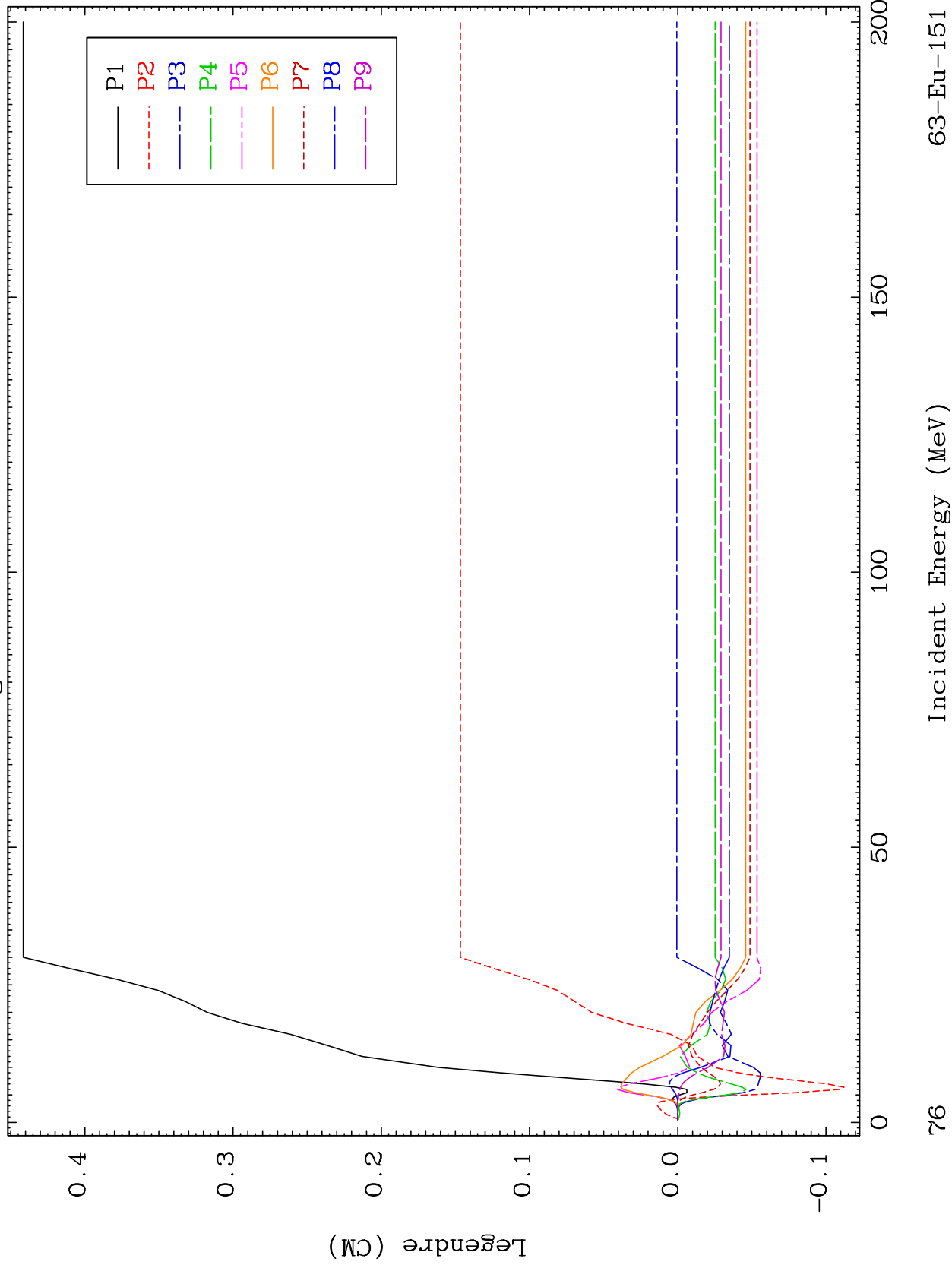




MAT 6325

415.8 keV (n,n') Level  
Legendre Coefficients

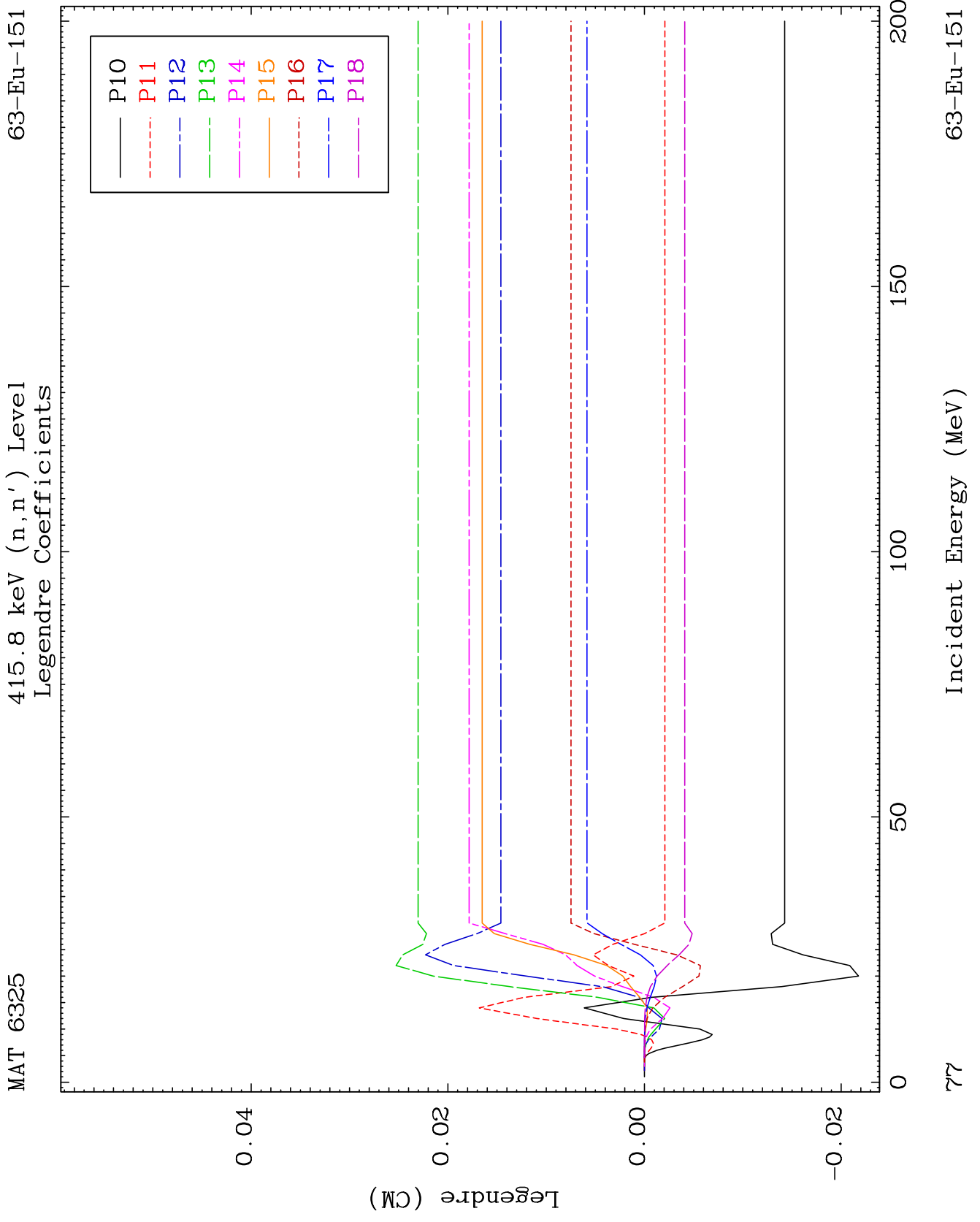
63-Eu-151

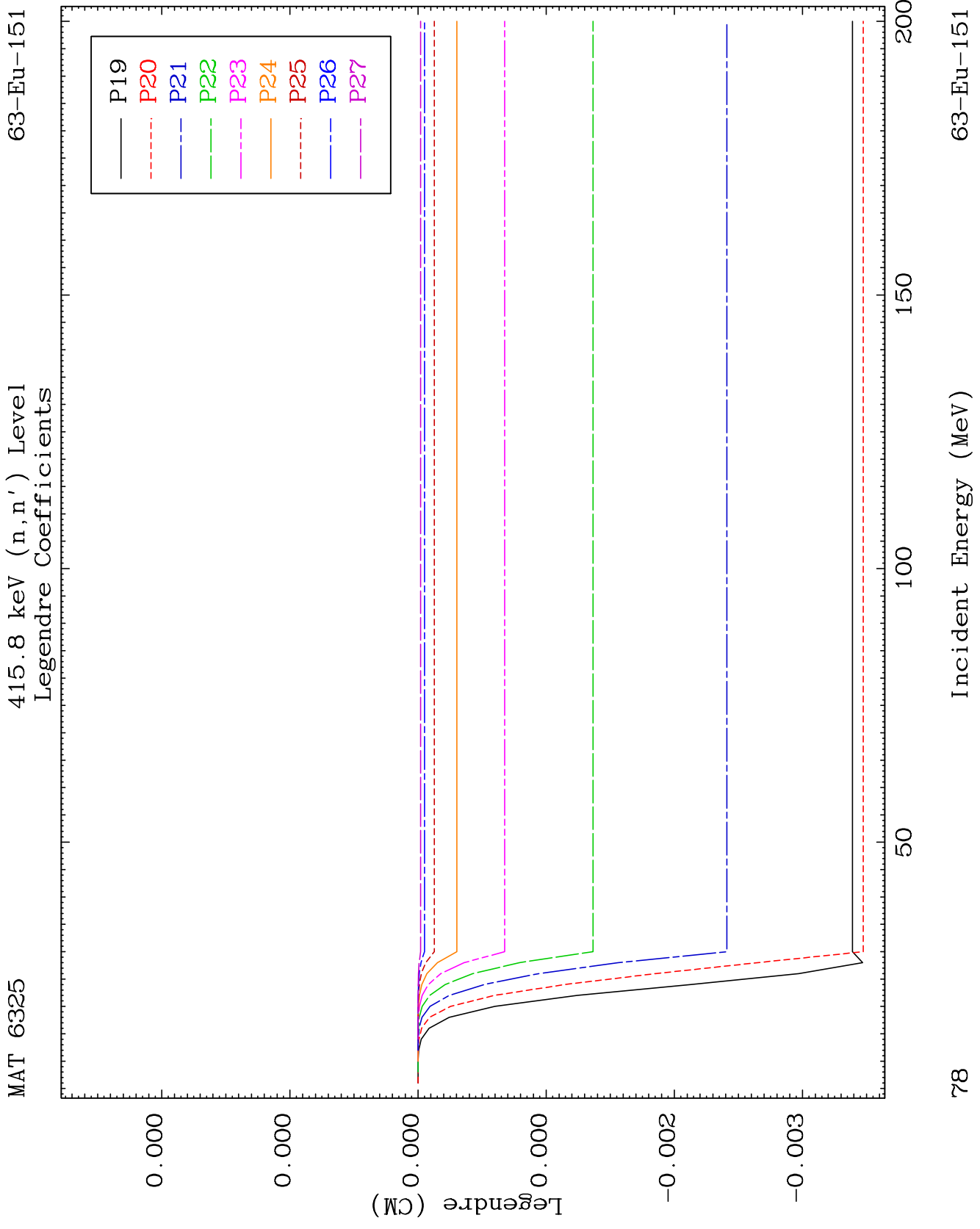


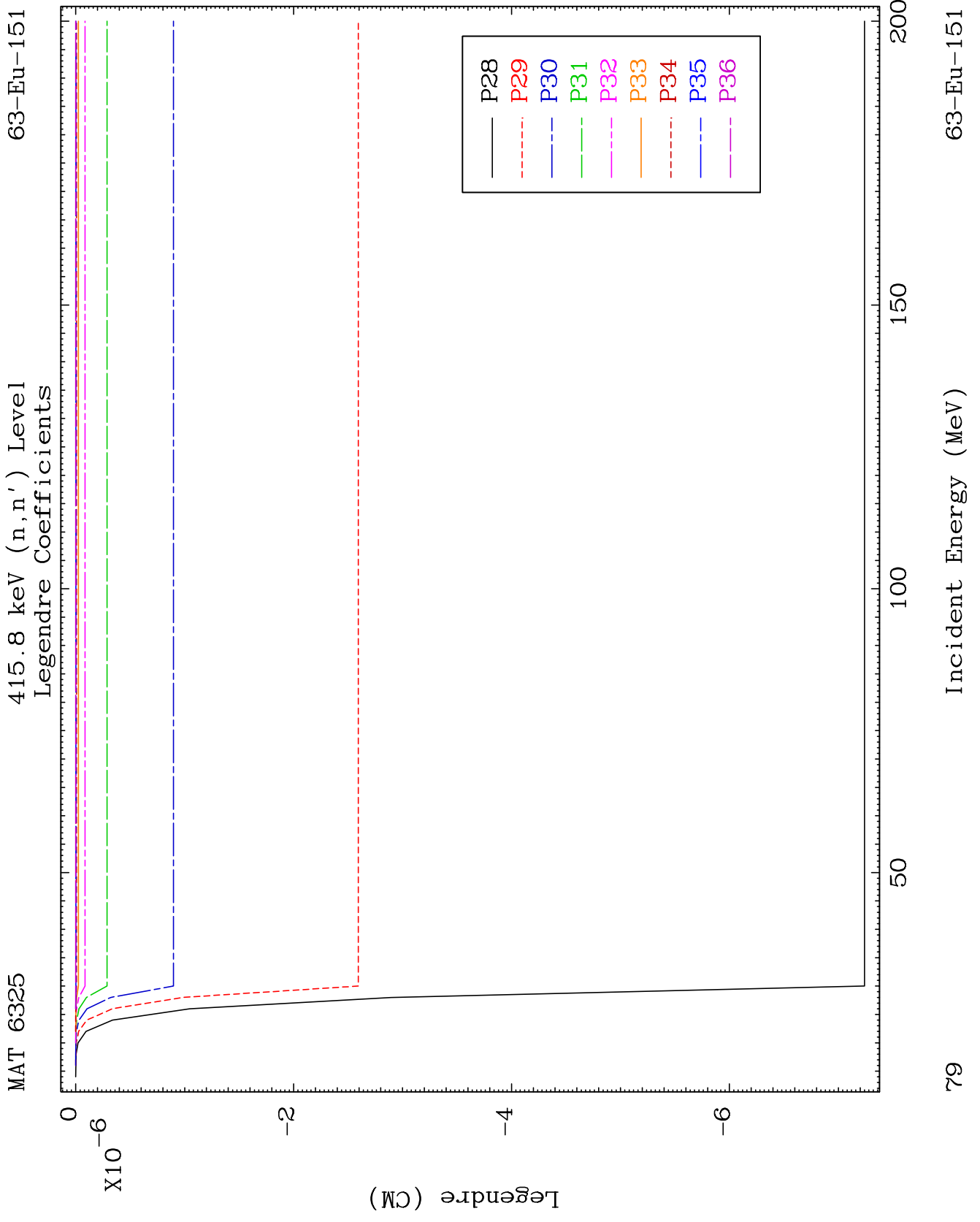
63-Eu-151

Incident Energy (MeV)

76







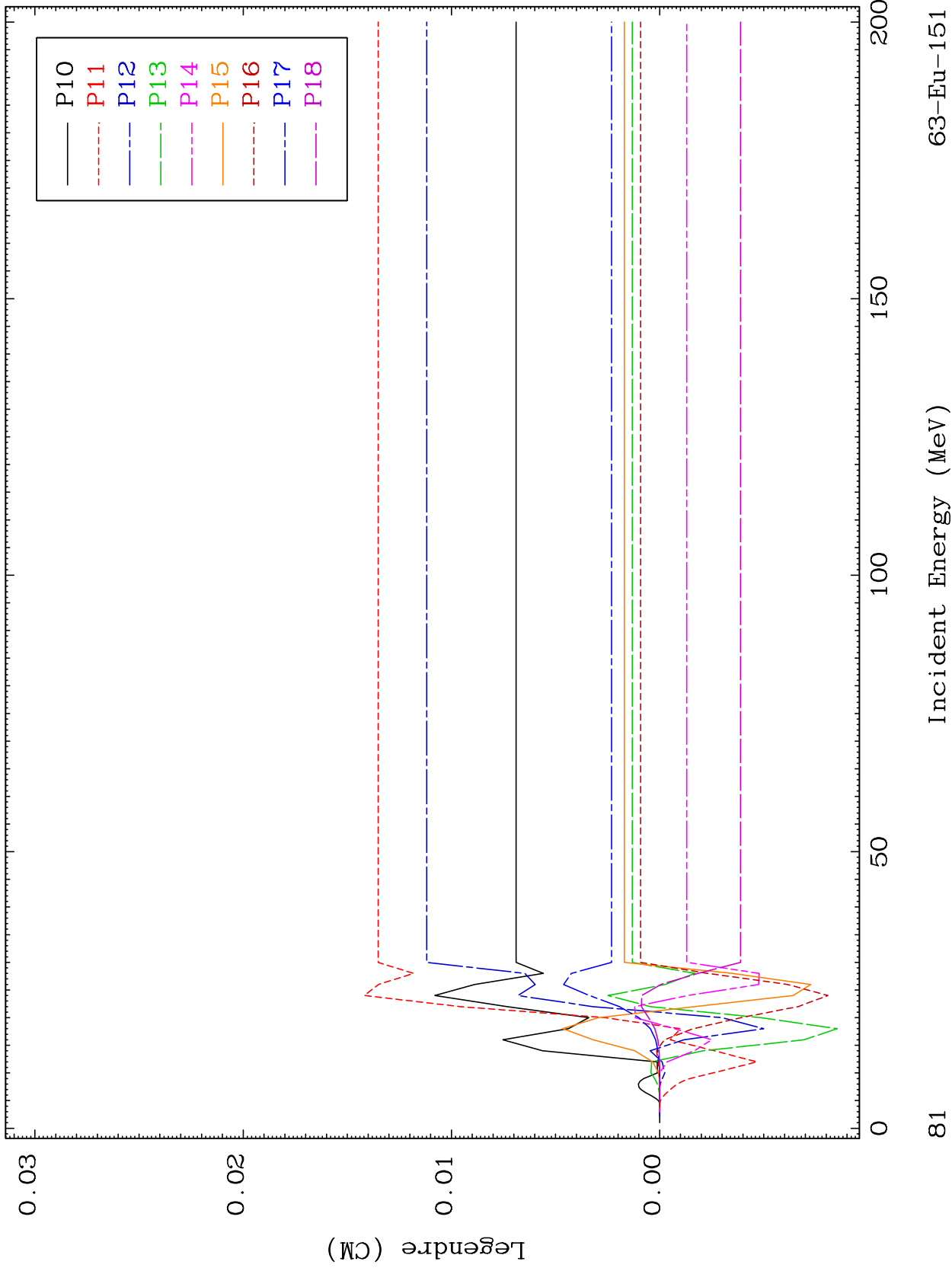




MAT 6325

499.7 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



81

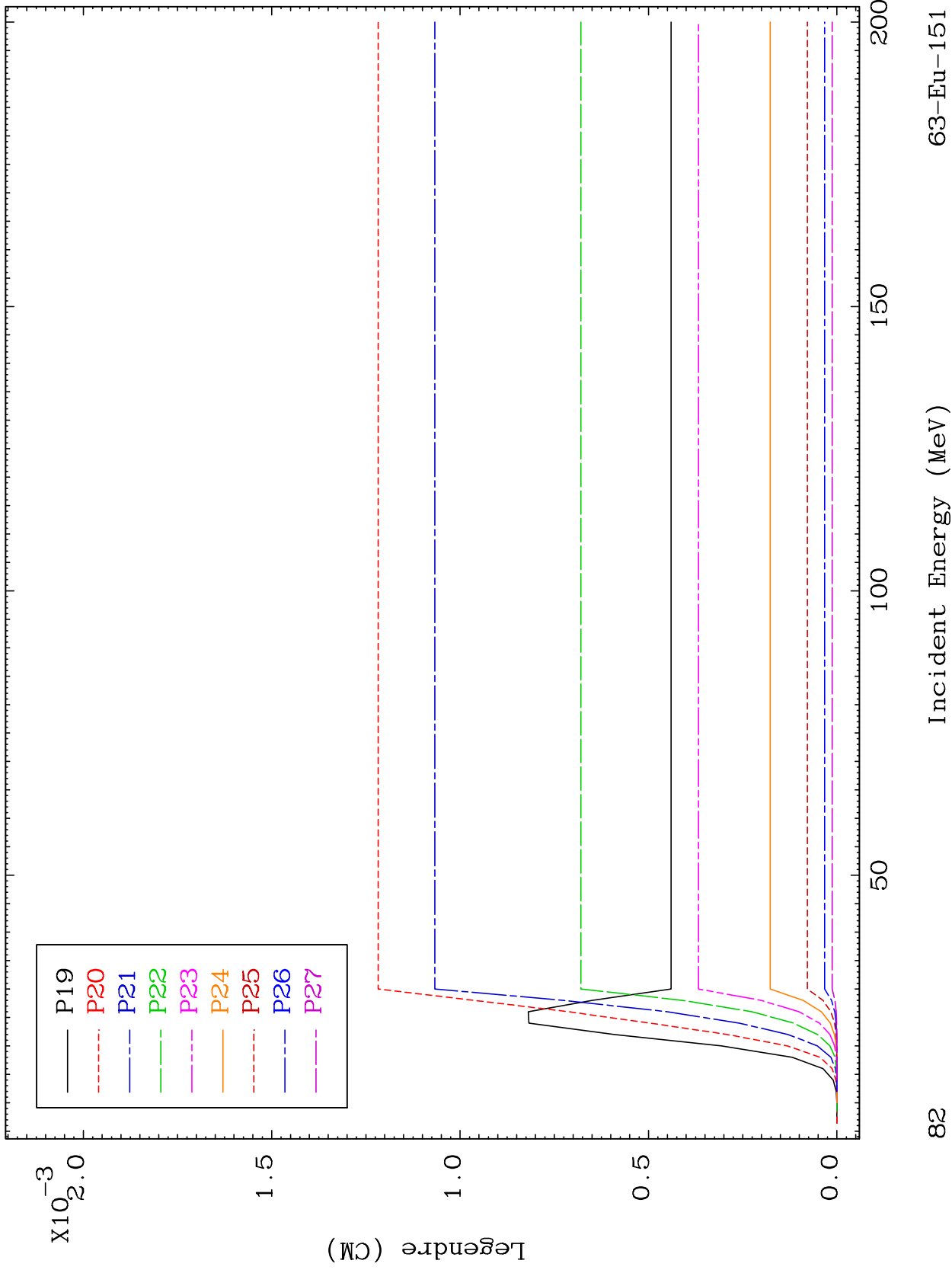
Incident Energy (MeV)

63-Eu-151

MAT 6325

499.7 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



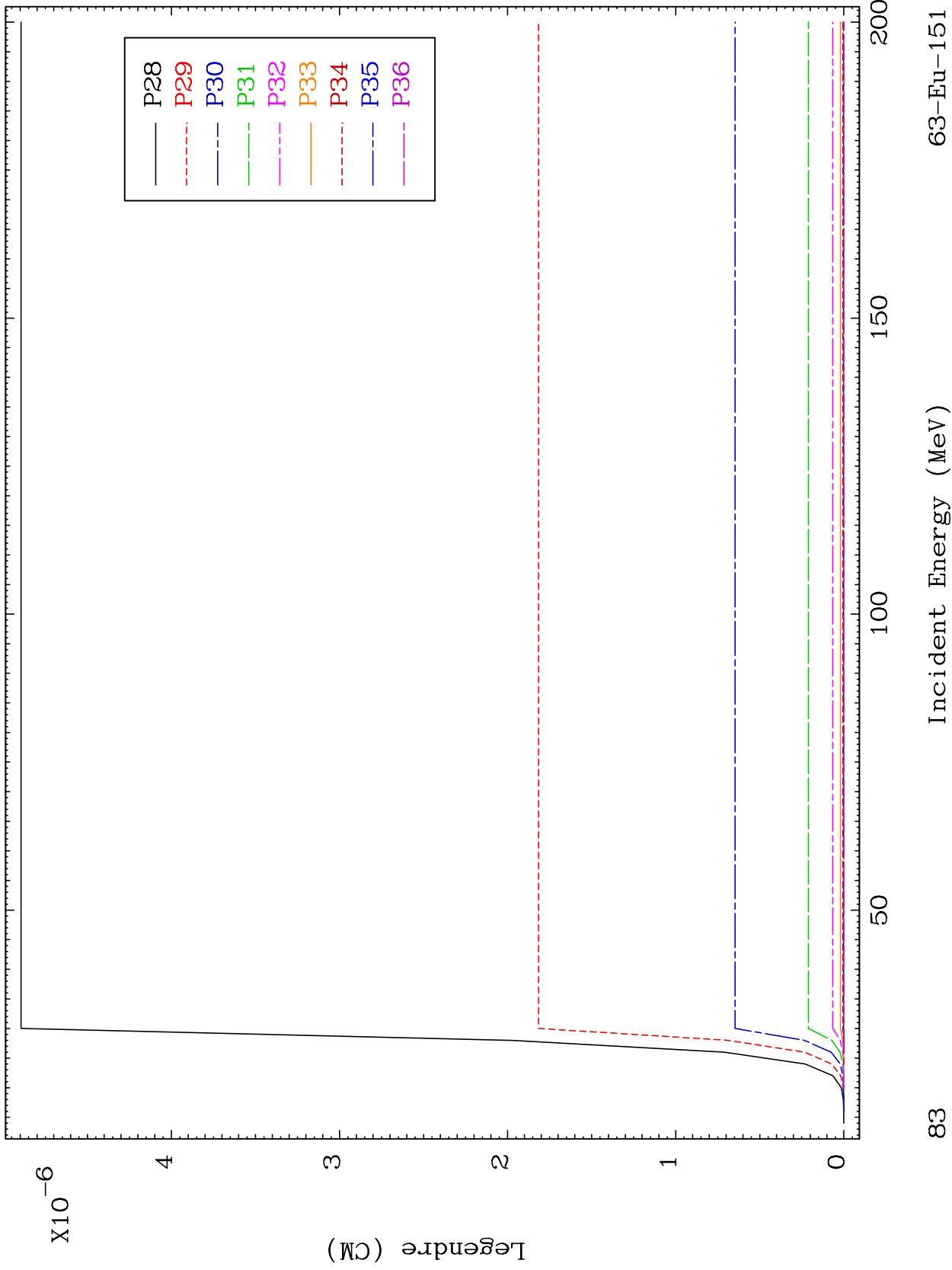
82

63-Eu-151

MAT 6325

499.7 keV (n, n') Level  
Legendre Coefficients

63-Eu-151

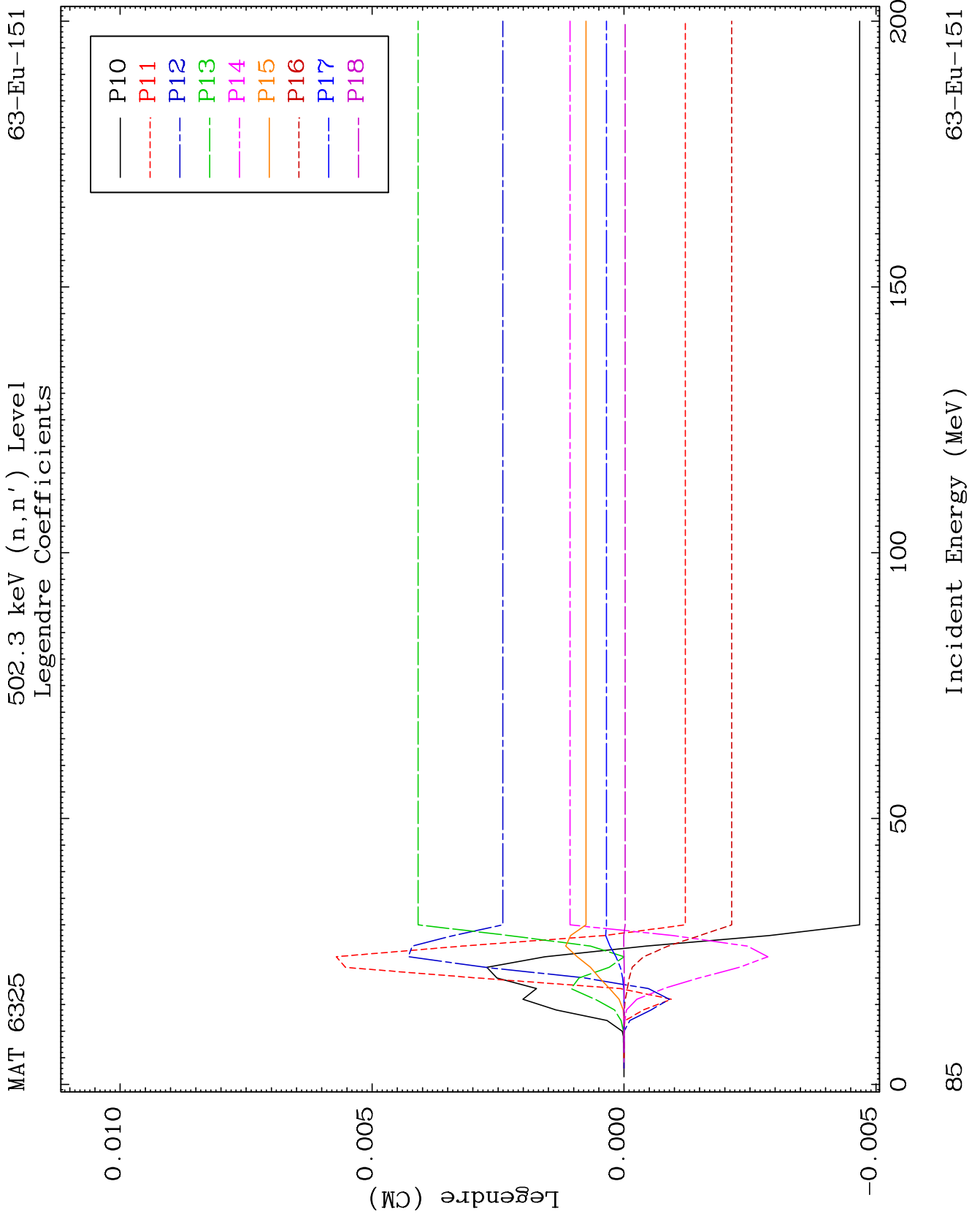


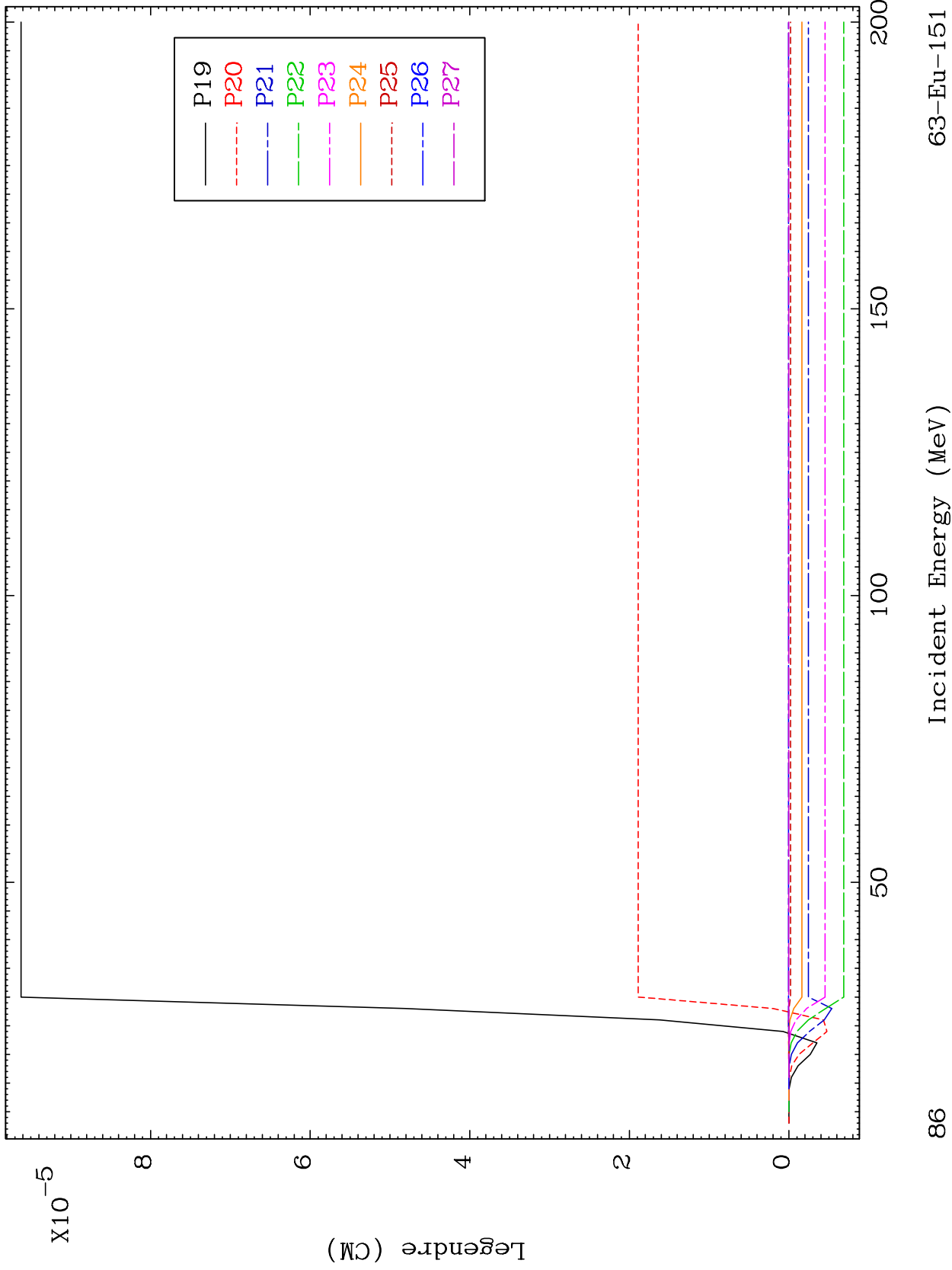
83

Incident Energy (MeV)

63-Eu-151







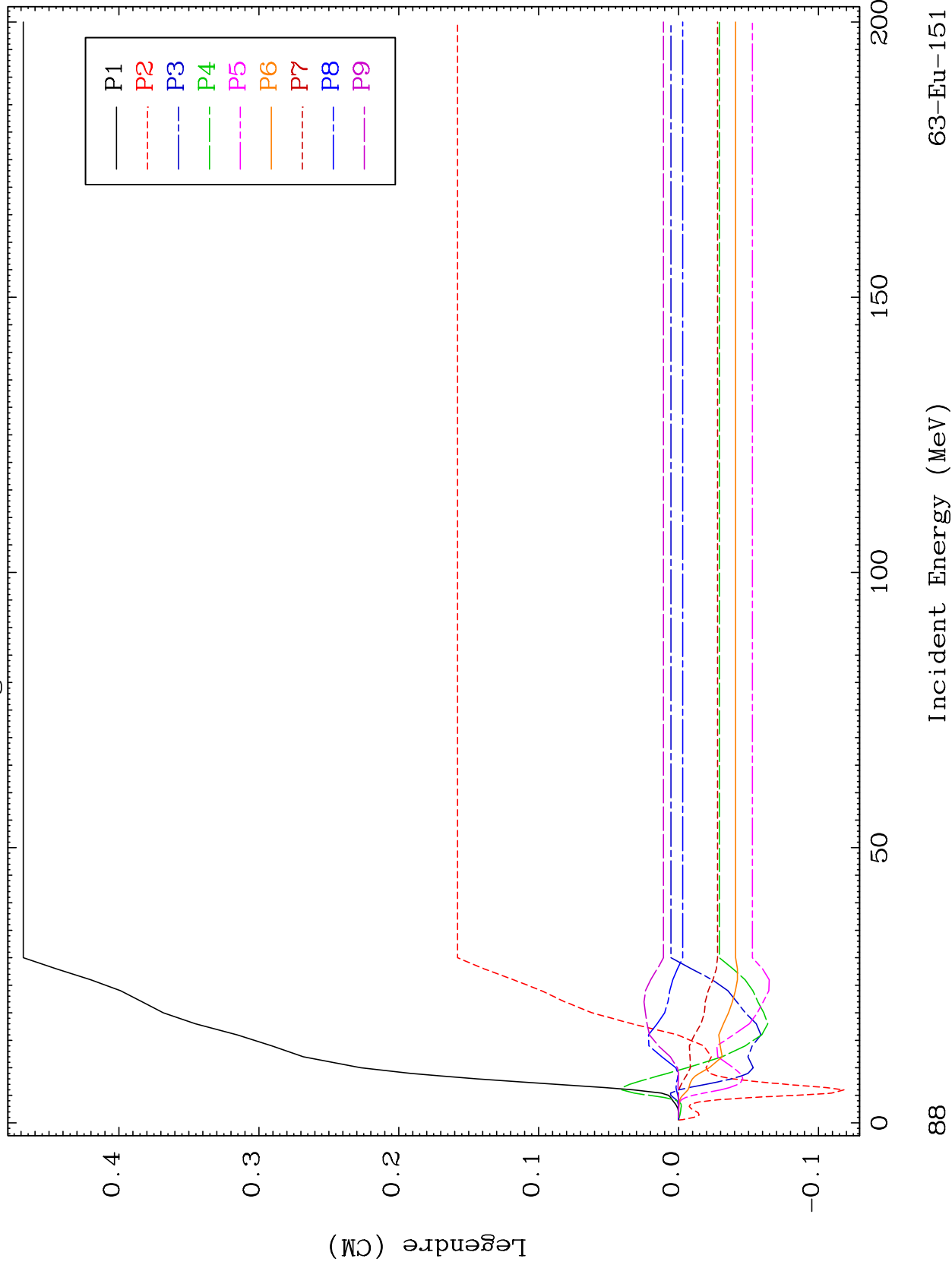




MAT 6325

503.4 keV (n, n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

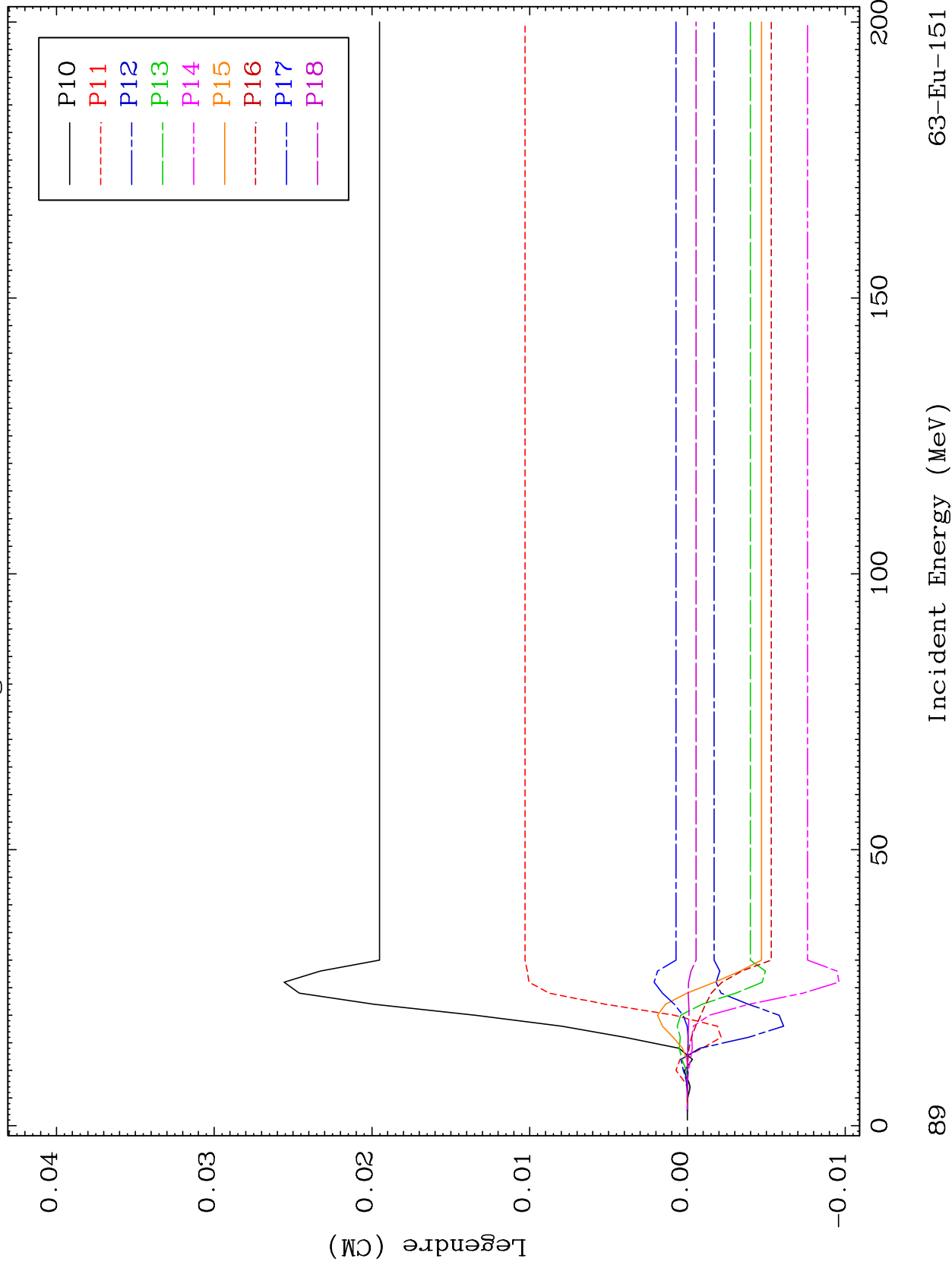
Incident Energy (MeV)

88

MAT 6325

503.4 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



89

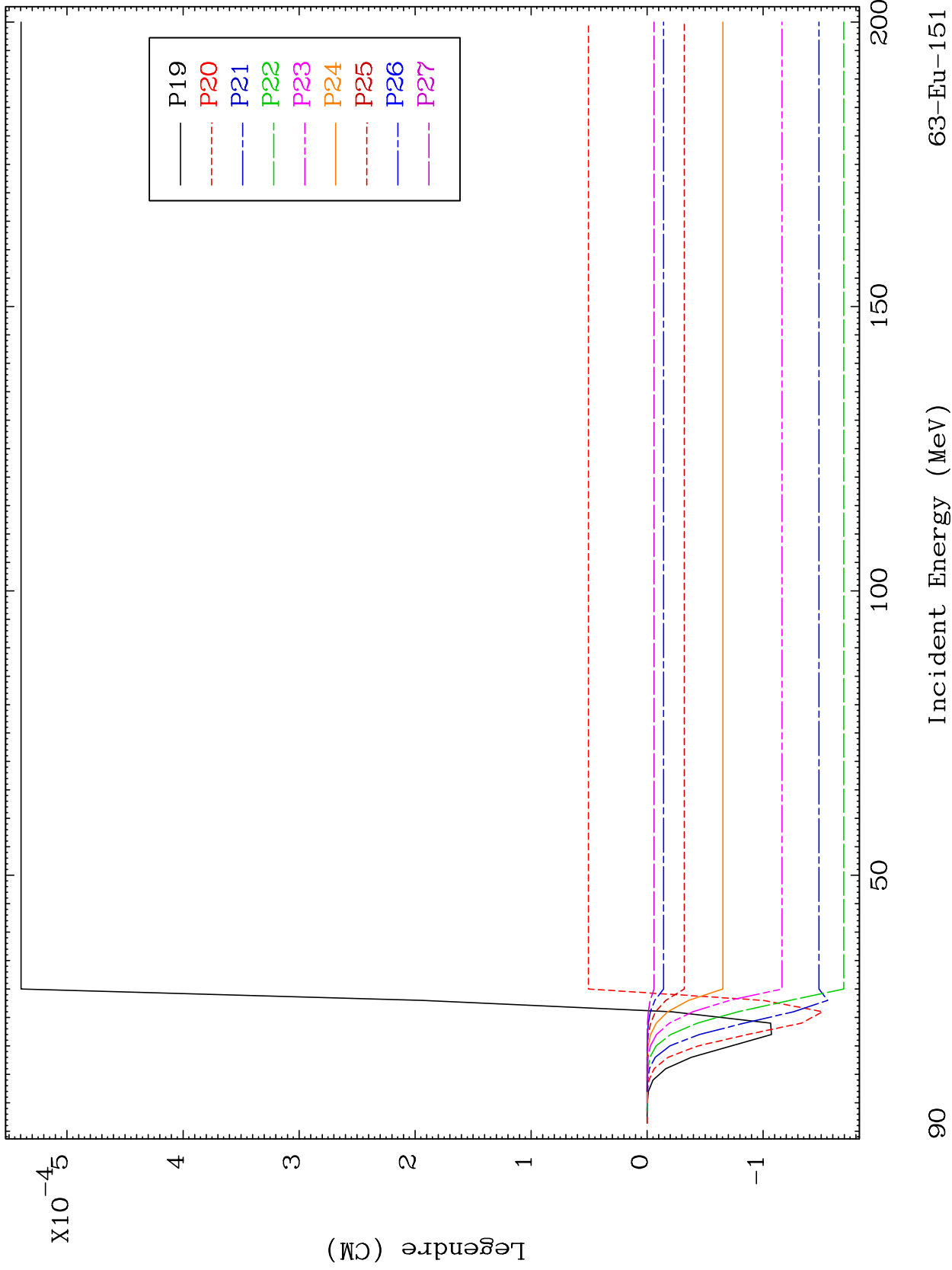
Incident Energy (MeV)

63-Eu-151

MAT 6325

503.4 keV (n, n') Level  
Legendre Coefficients

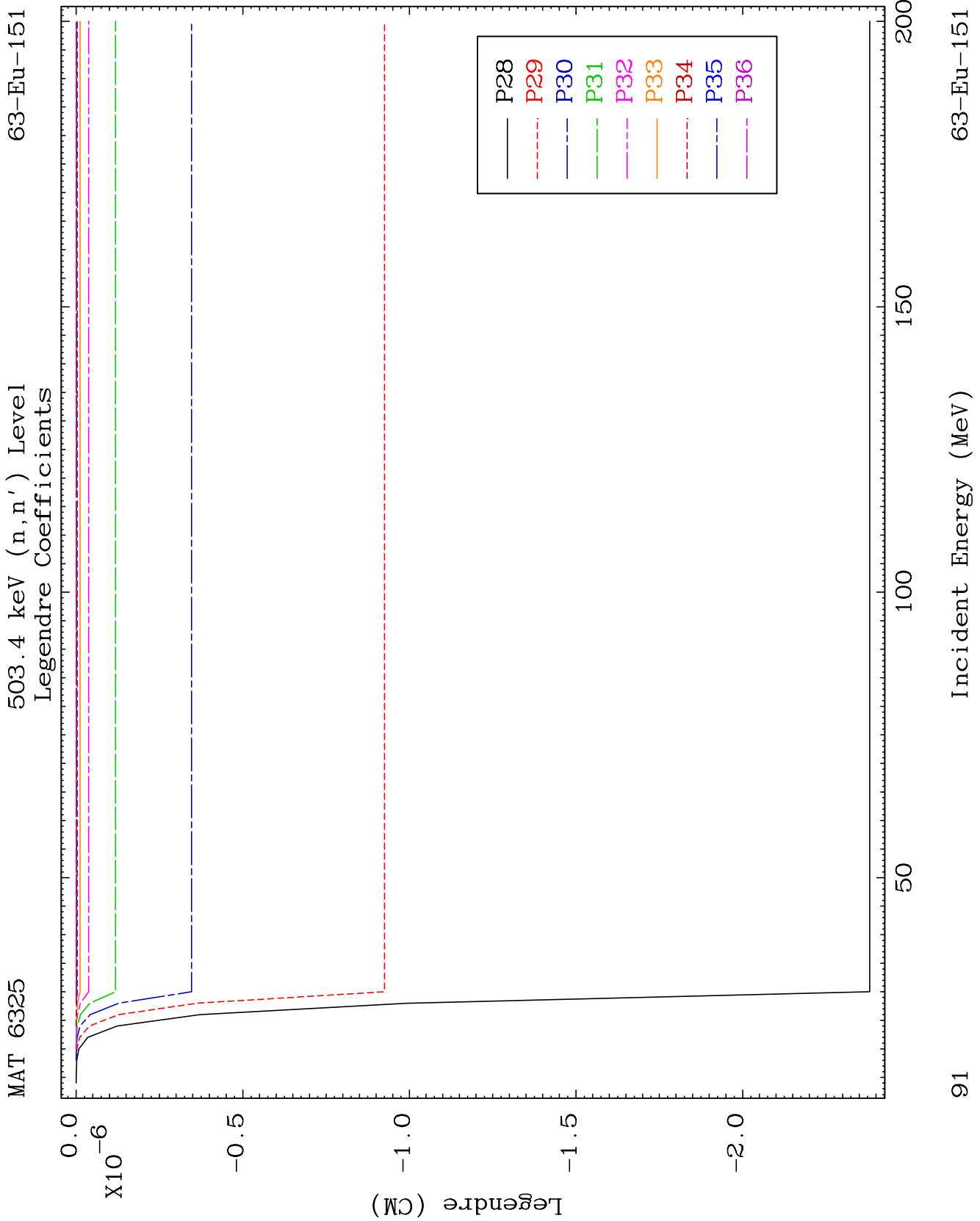
63-Eu-151



90

Incident Energy (MeV)

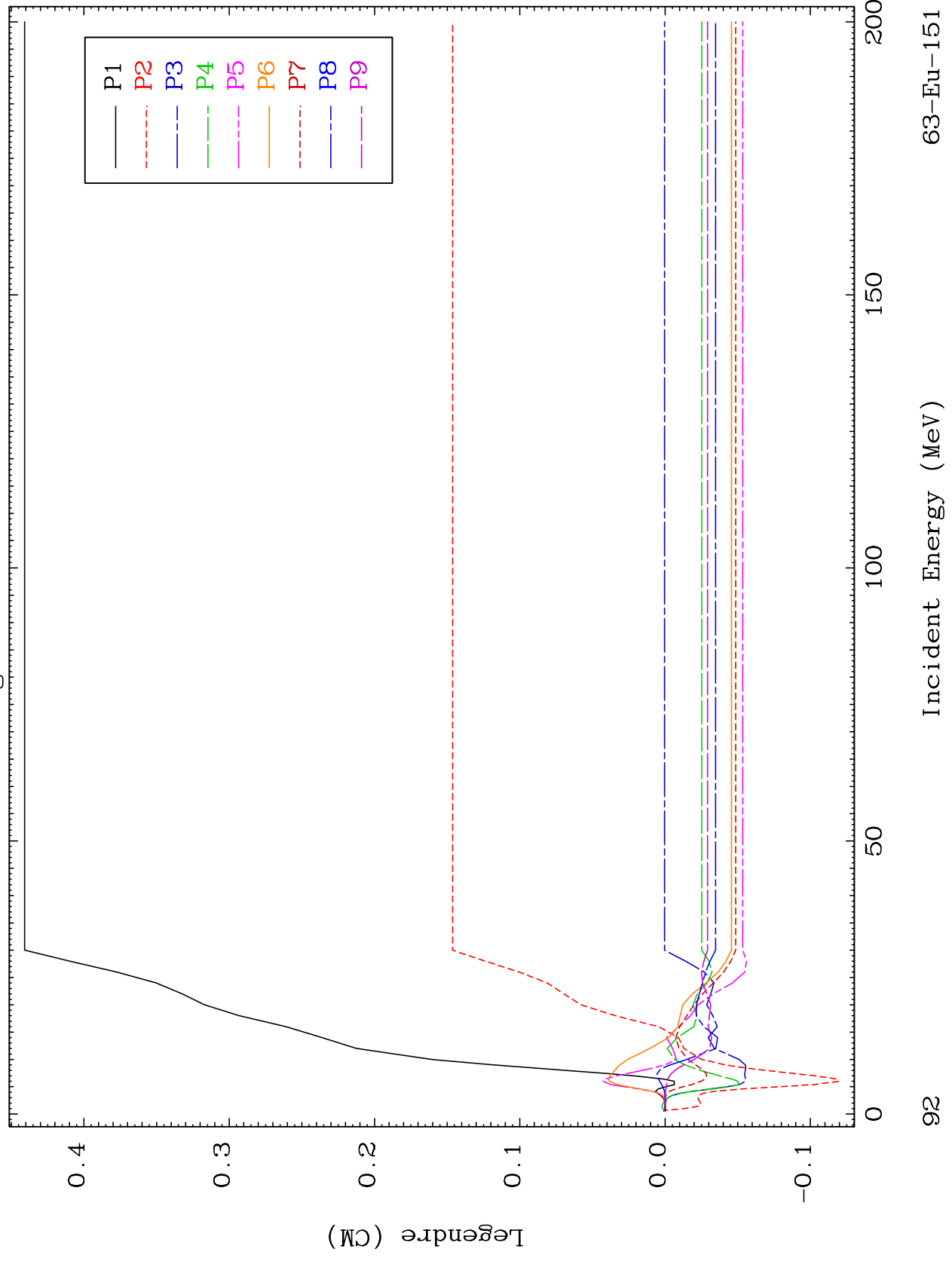
63-Eu-151



MAT 6325

511.1 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



92

Incident Energy (MeV)

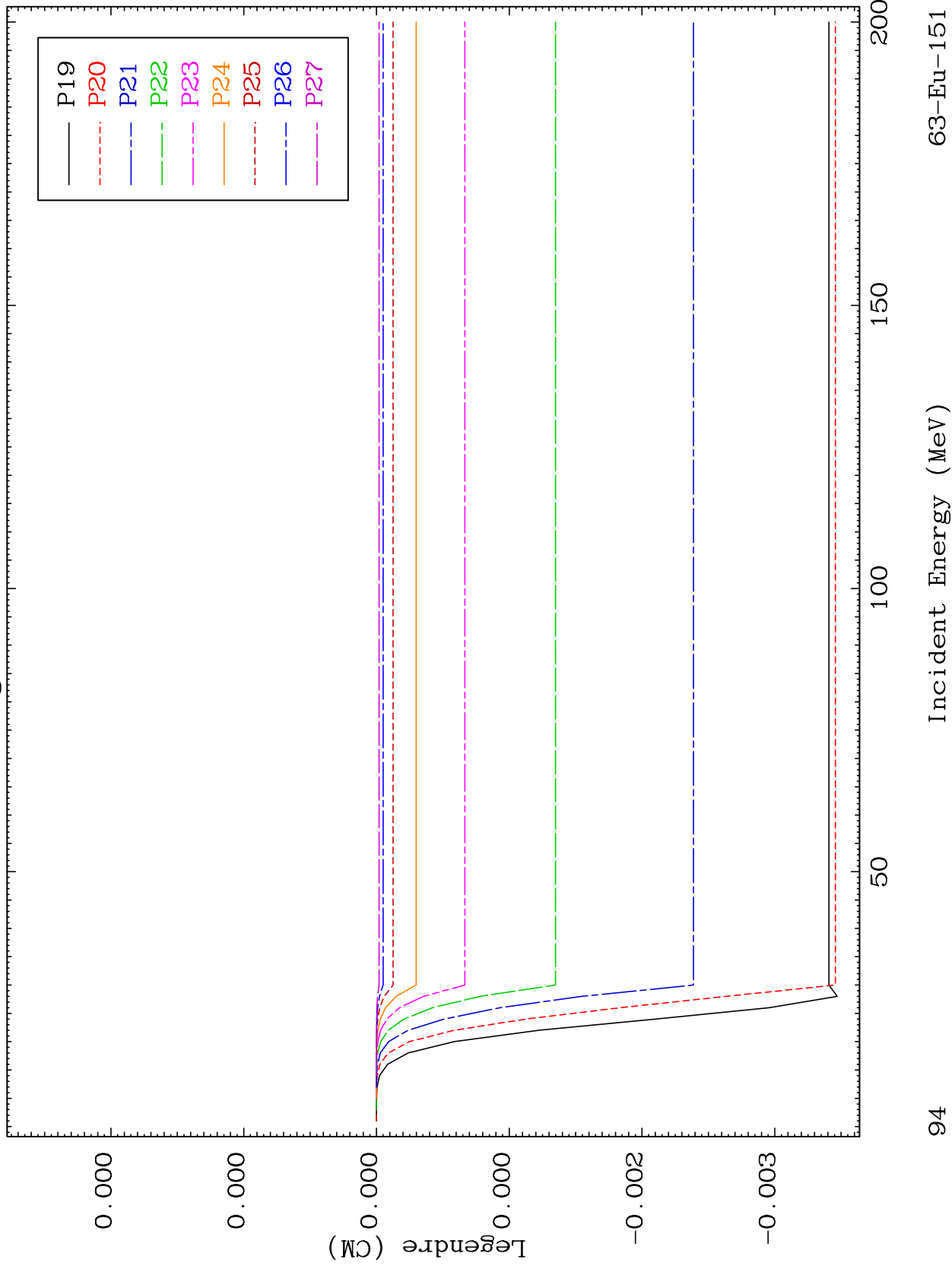
63-Eu-151



MAT 6325

511.1 keV (n,n') Level  
Legendre Coefficients

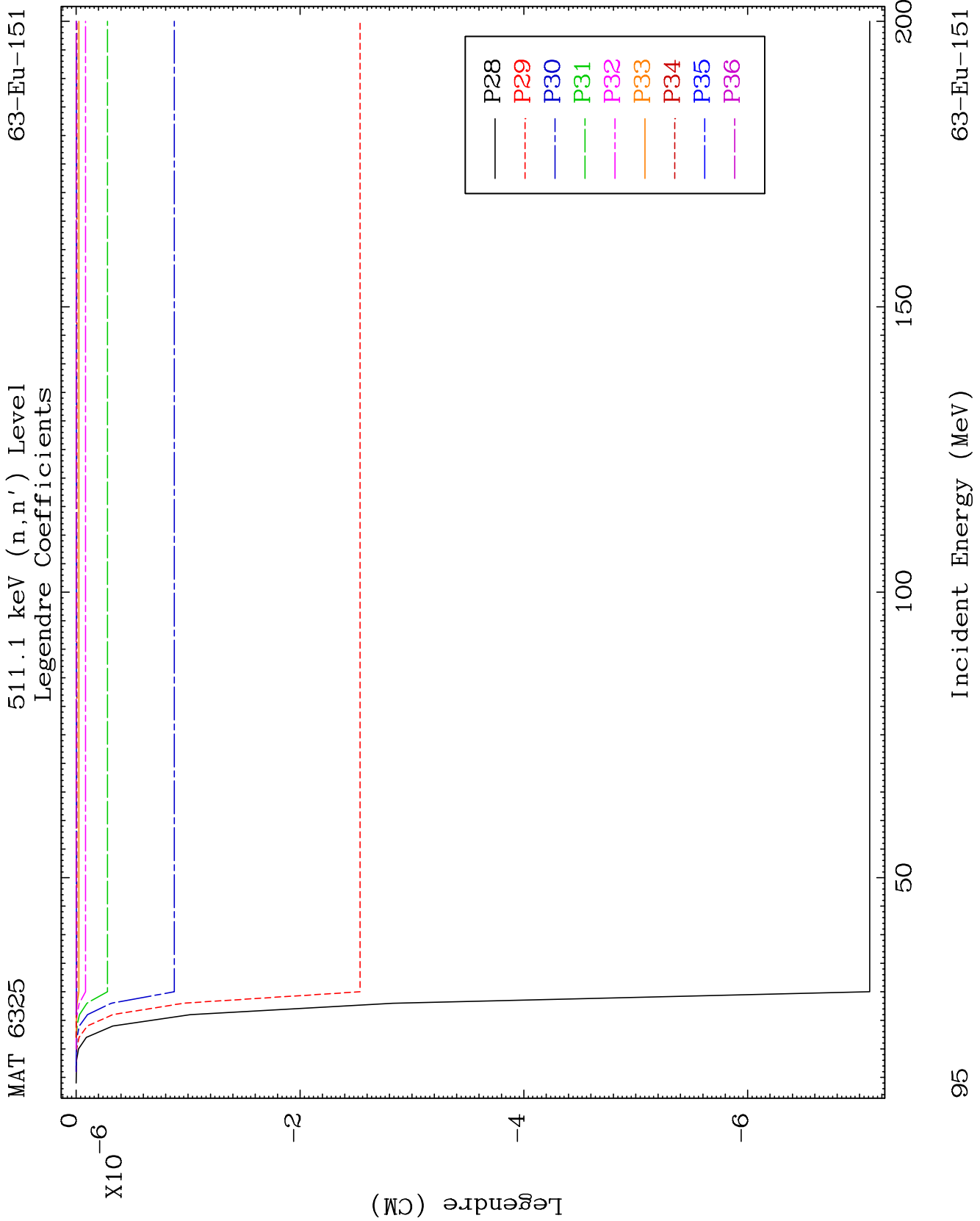
63-Eu-151



94

Incident Energy (MeV)

63-Eu-151

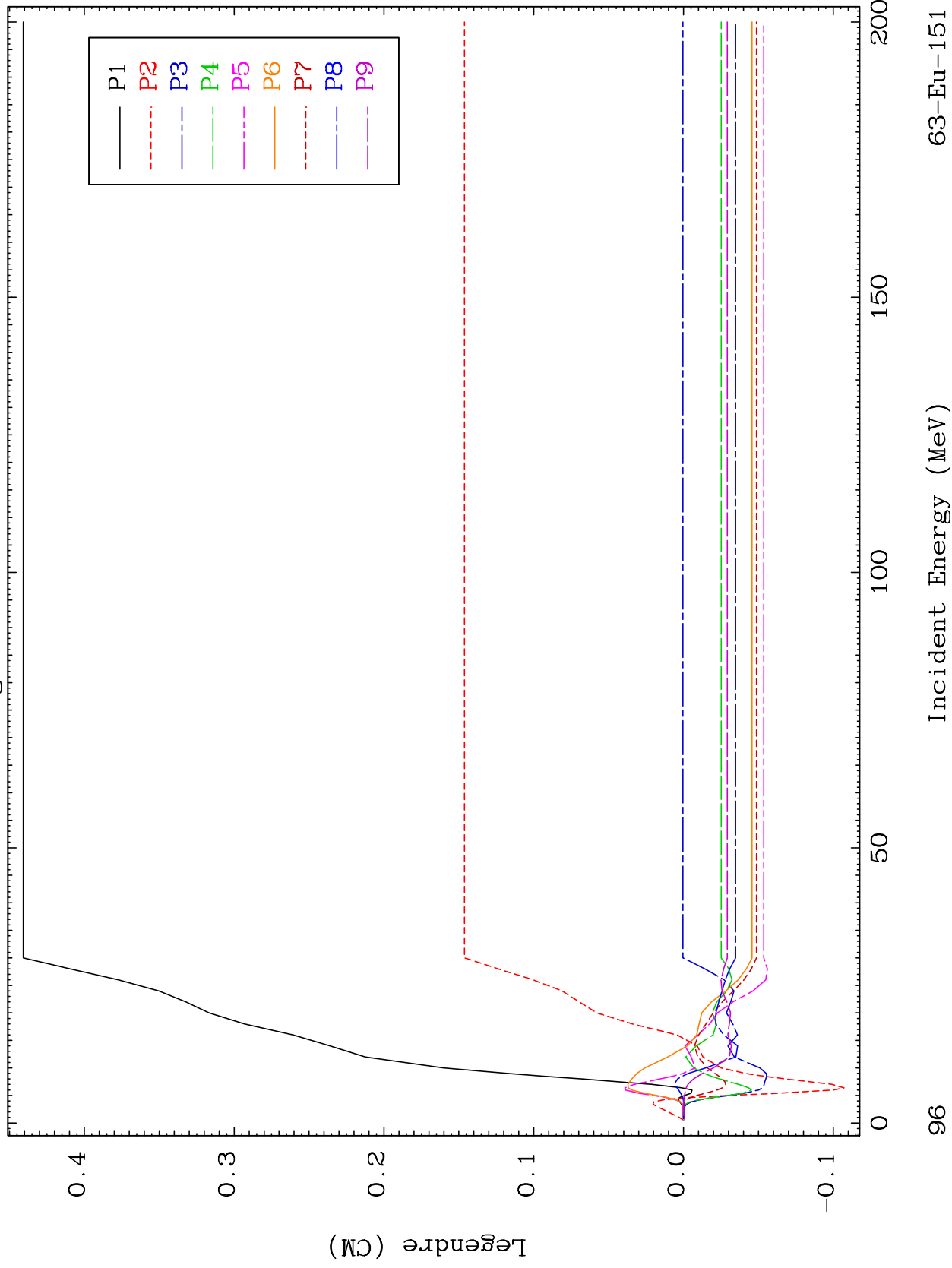




MAT 6325

522.2 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

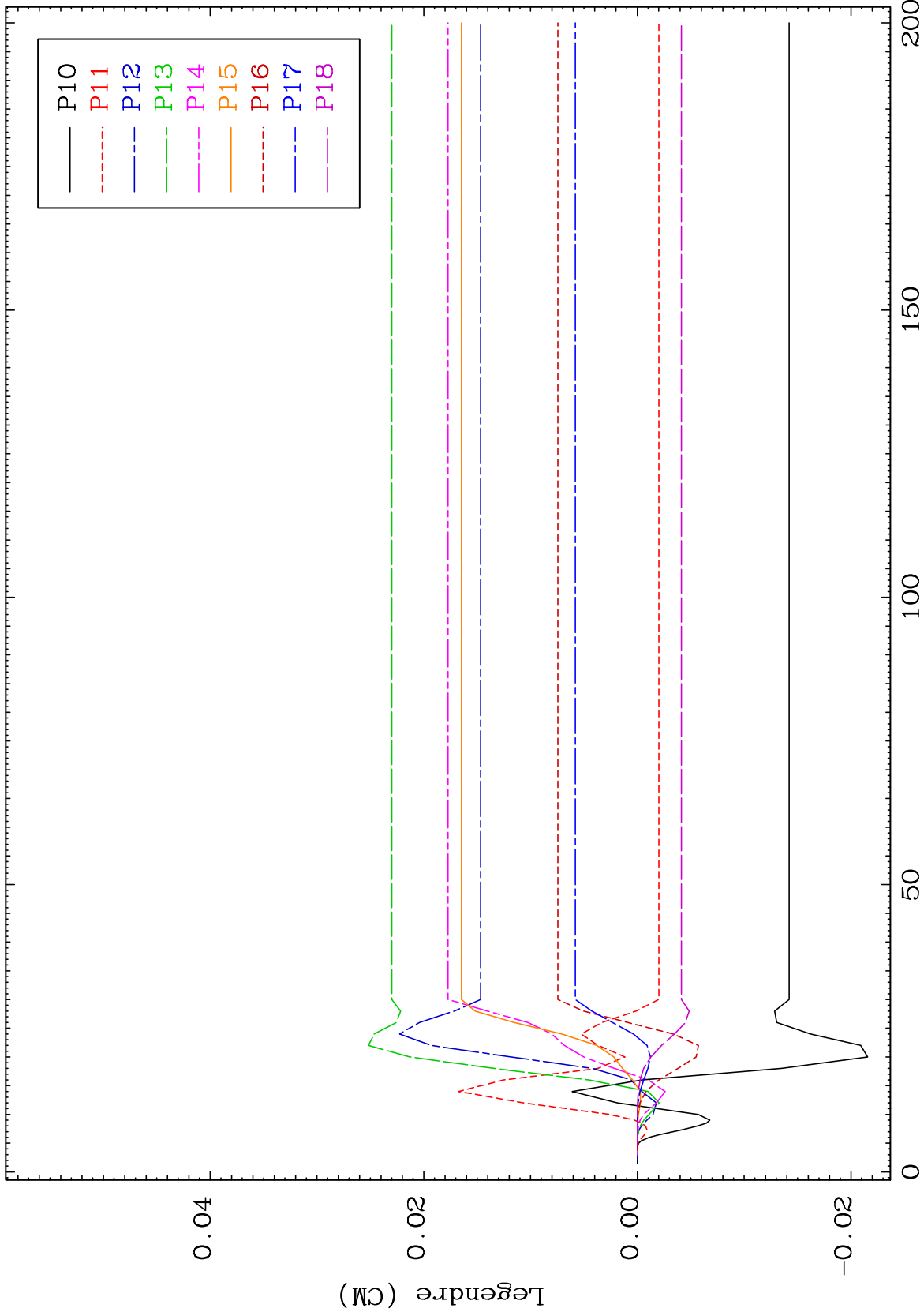
Incident Energy (MeV)

96

MAT 6325

522.2 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



97

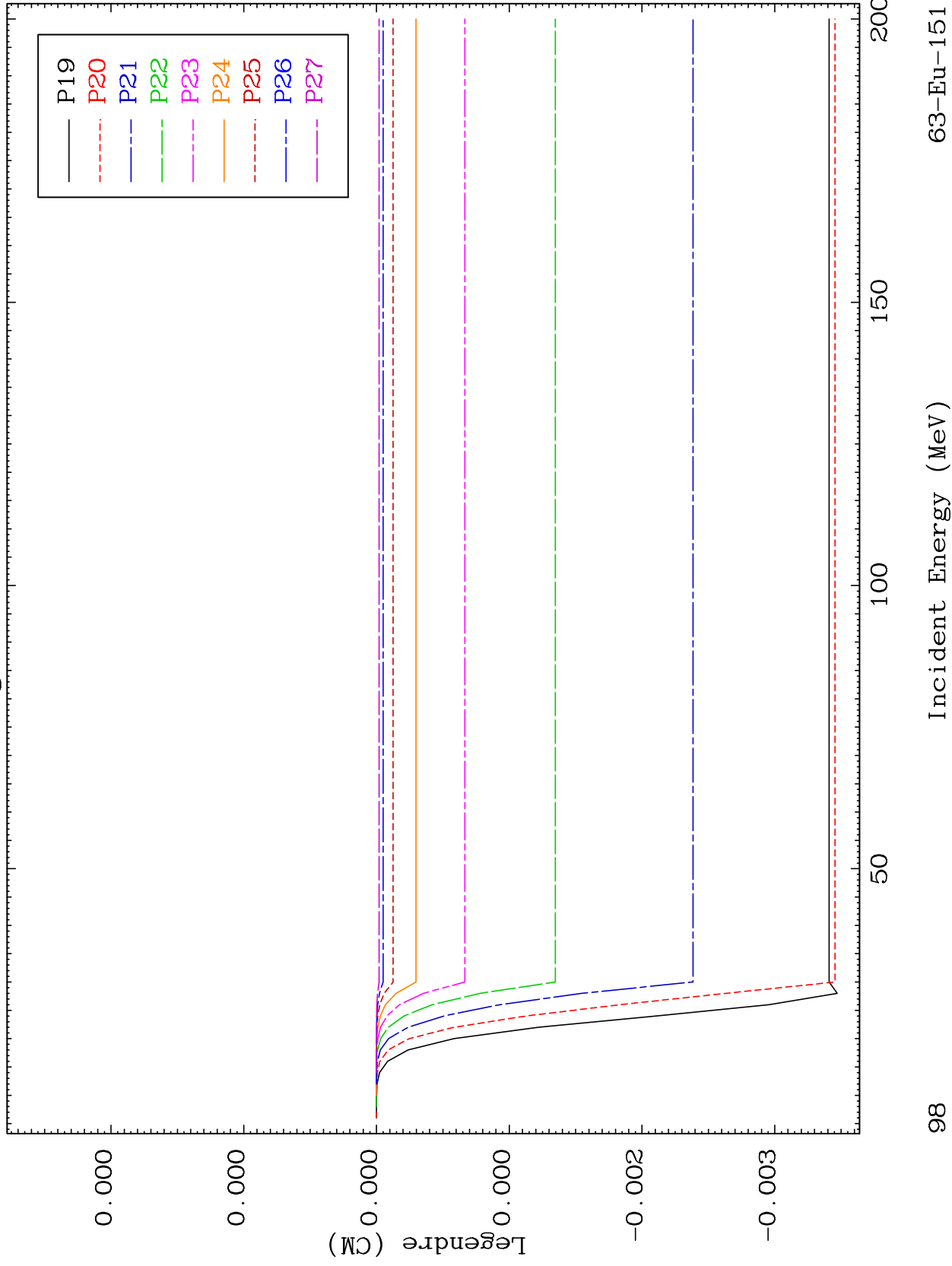
Incident Energy (MeV)

63-Eu-151

MAT 6325

522.2 keV (n,n') Level  
Legendre Coefficients

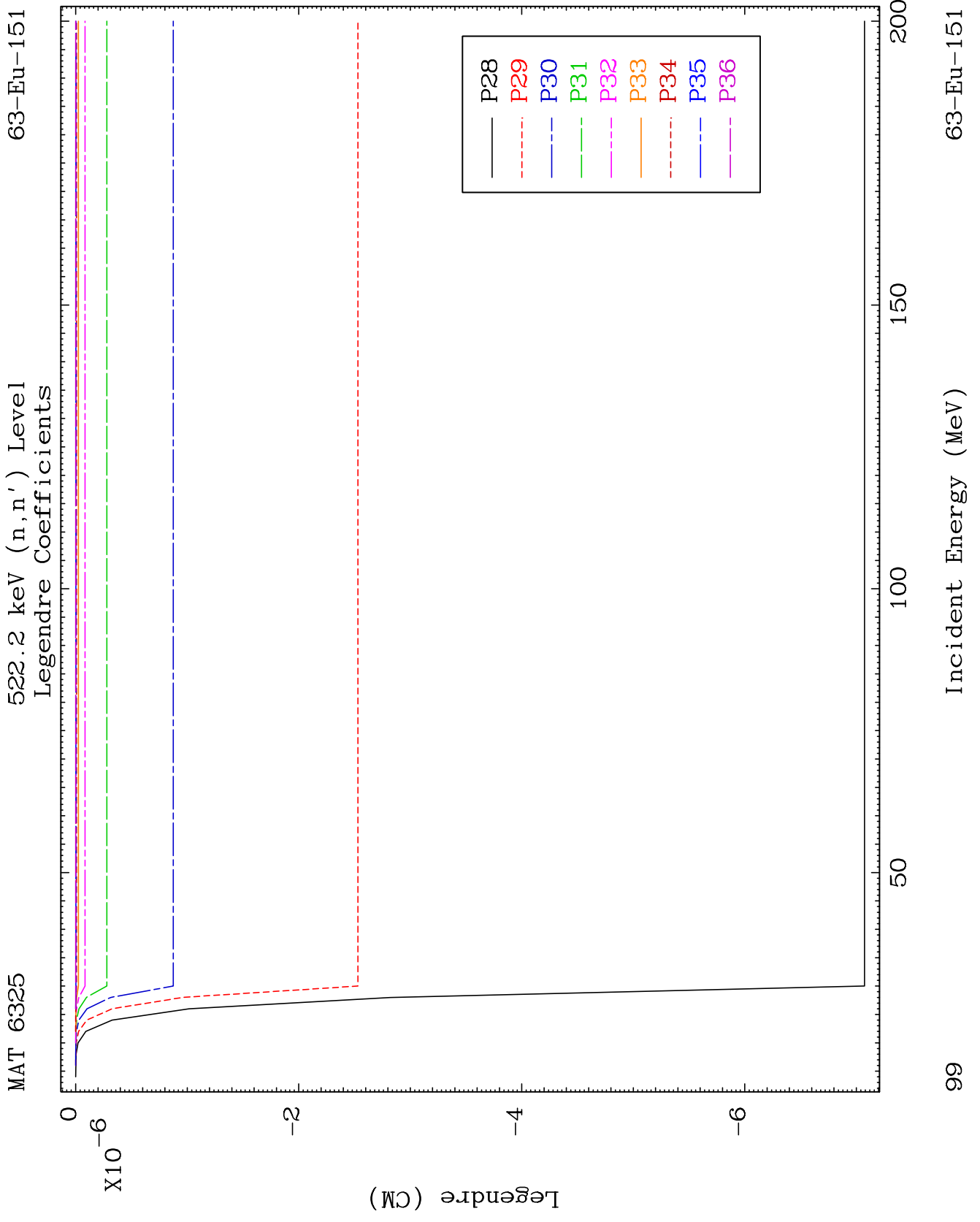
63-Eu-151



98

Incident Energy (MeV)

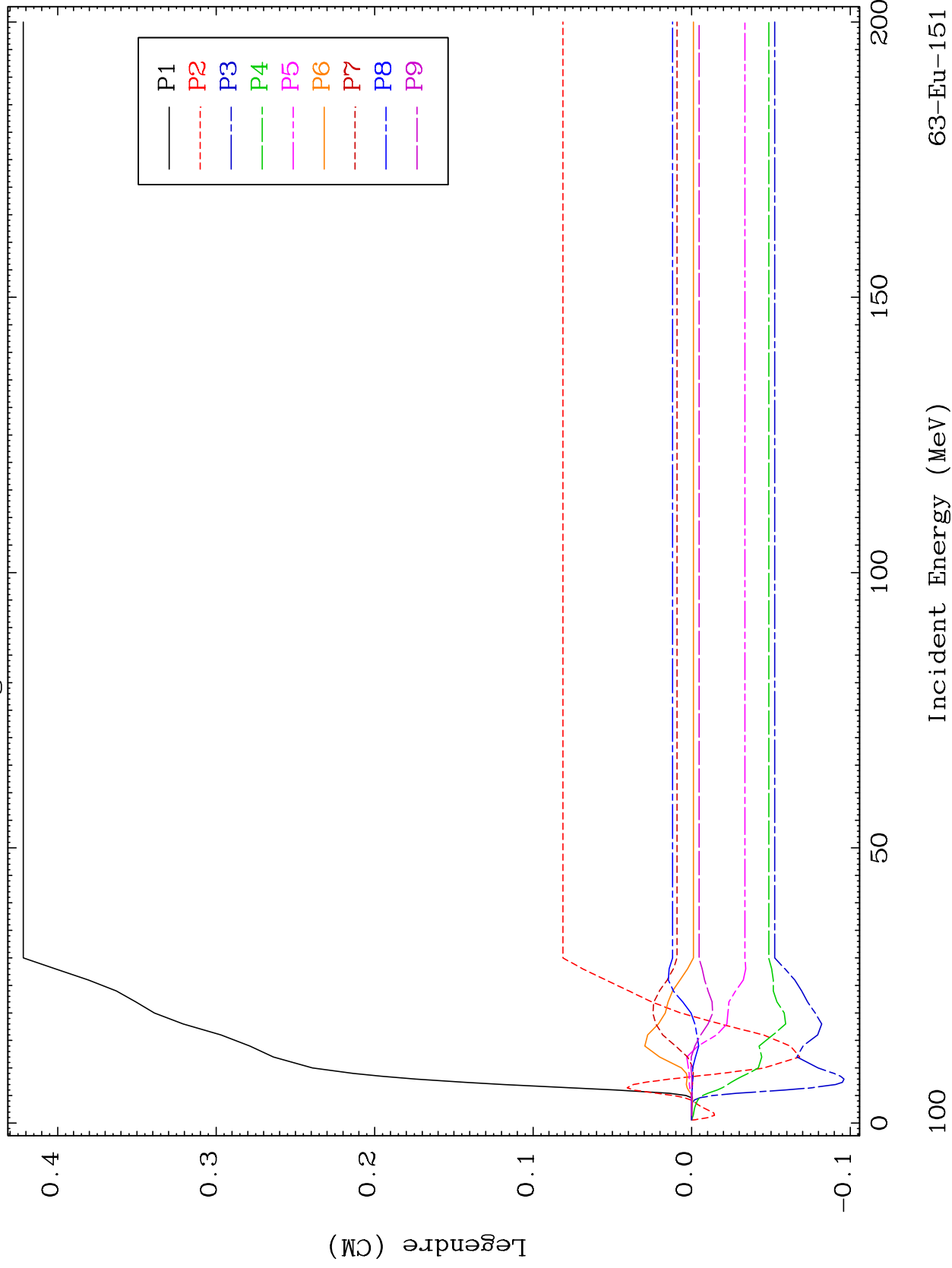
63-Eu-151



MAT 6325

534.6 keV (n, n') Level  
Legendre Coefficients

63-Eu-151

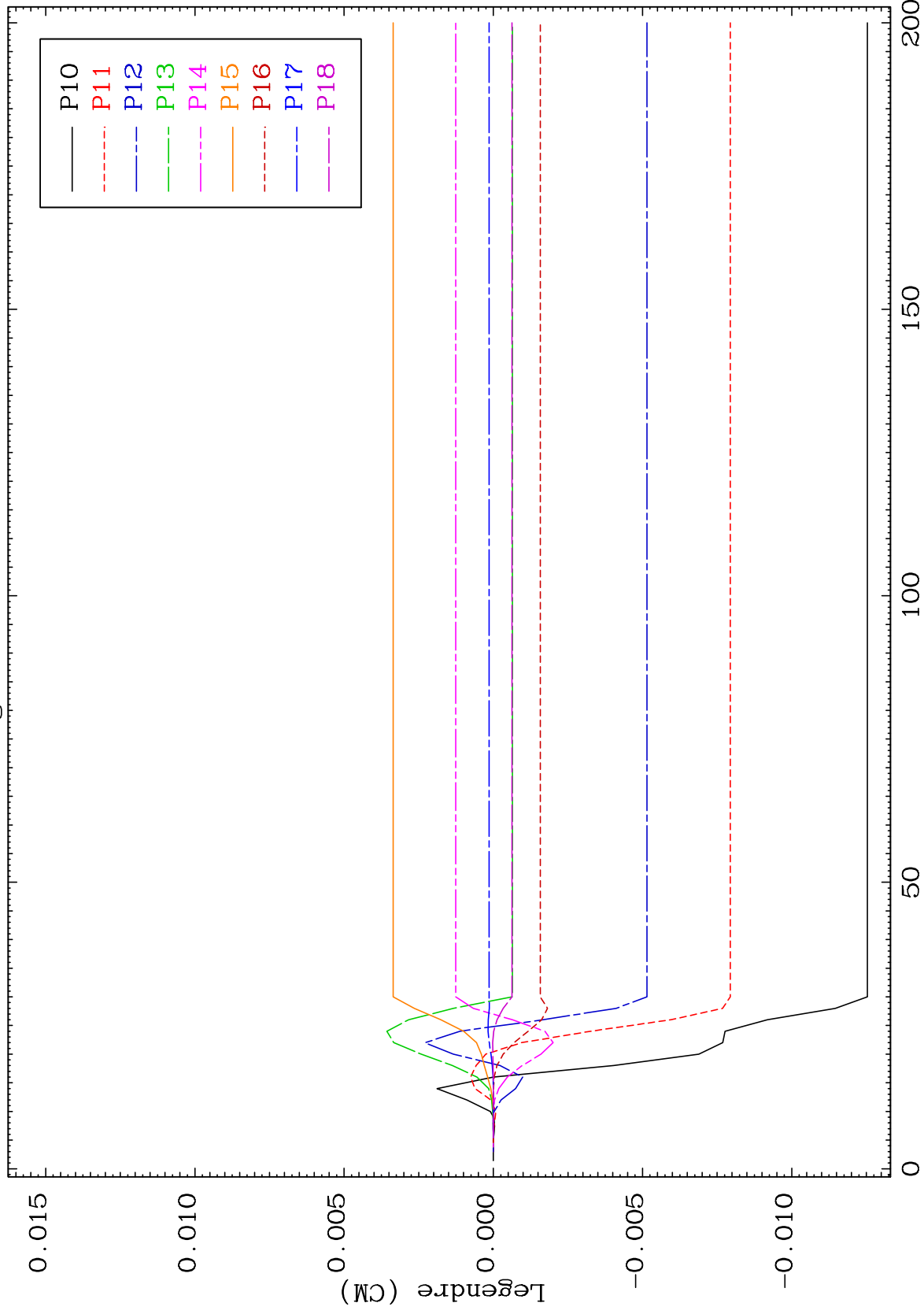


63-Eu-151

MAT 6325

534.6 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



101

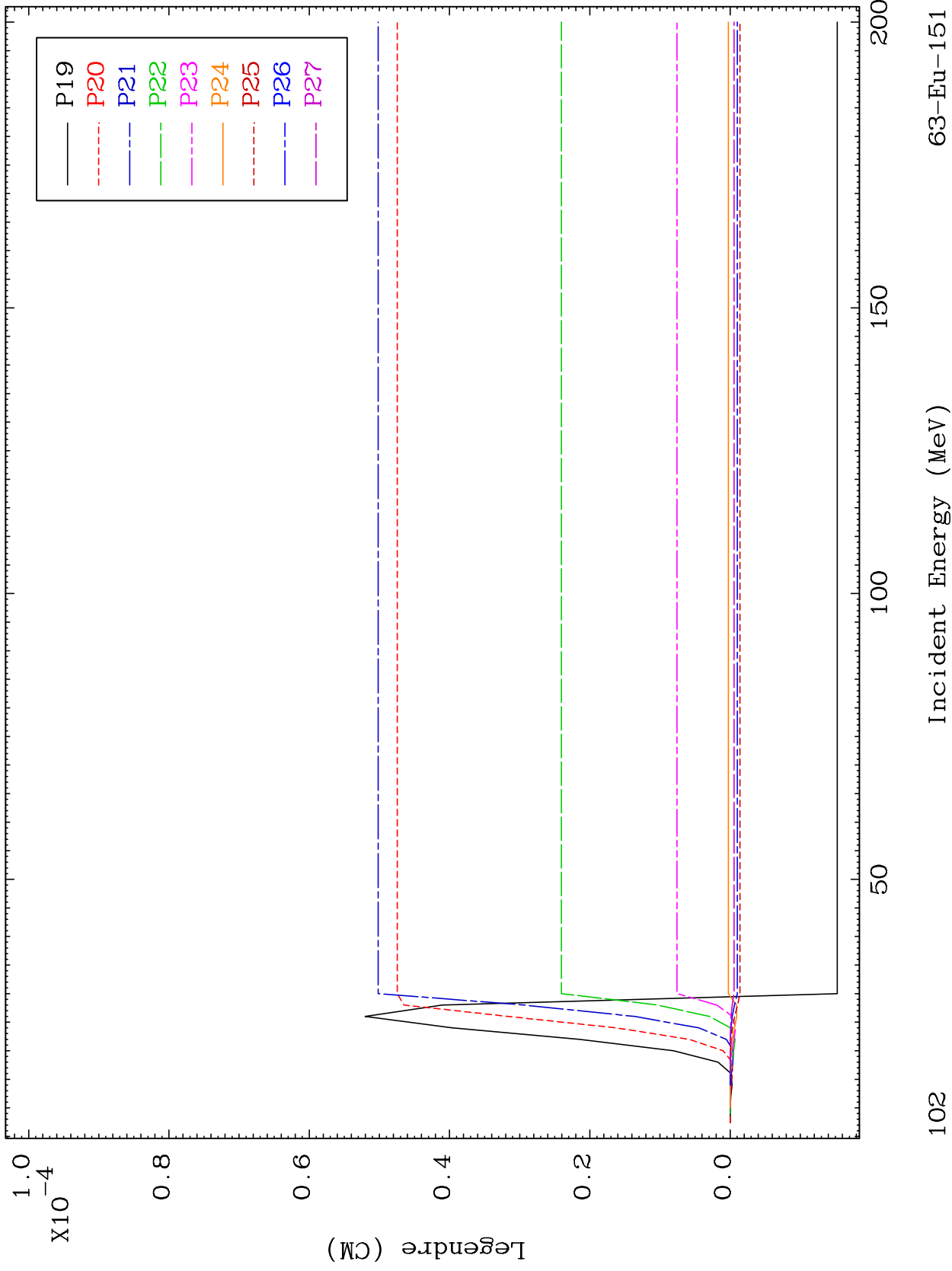
Incident Energy (MeV)

63-Eu-151

MAT 6325

534.6 keV (n,n') Level  
Legendre Coefficients

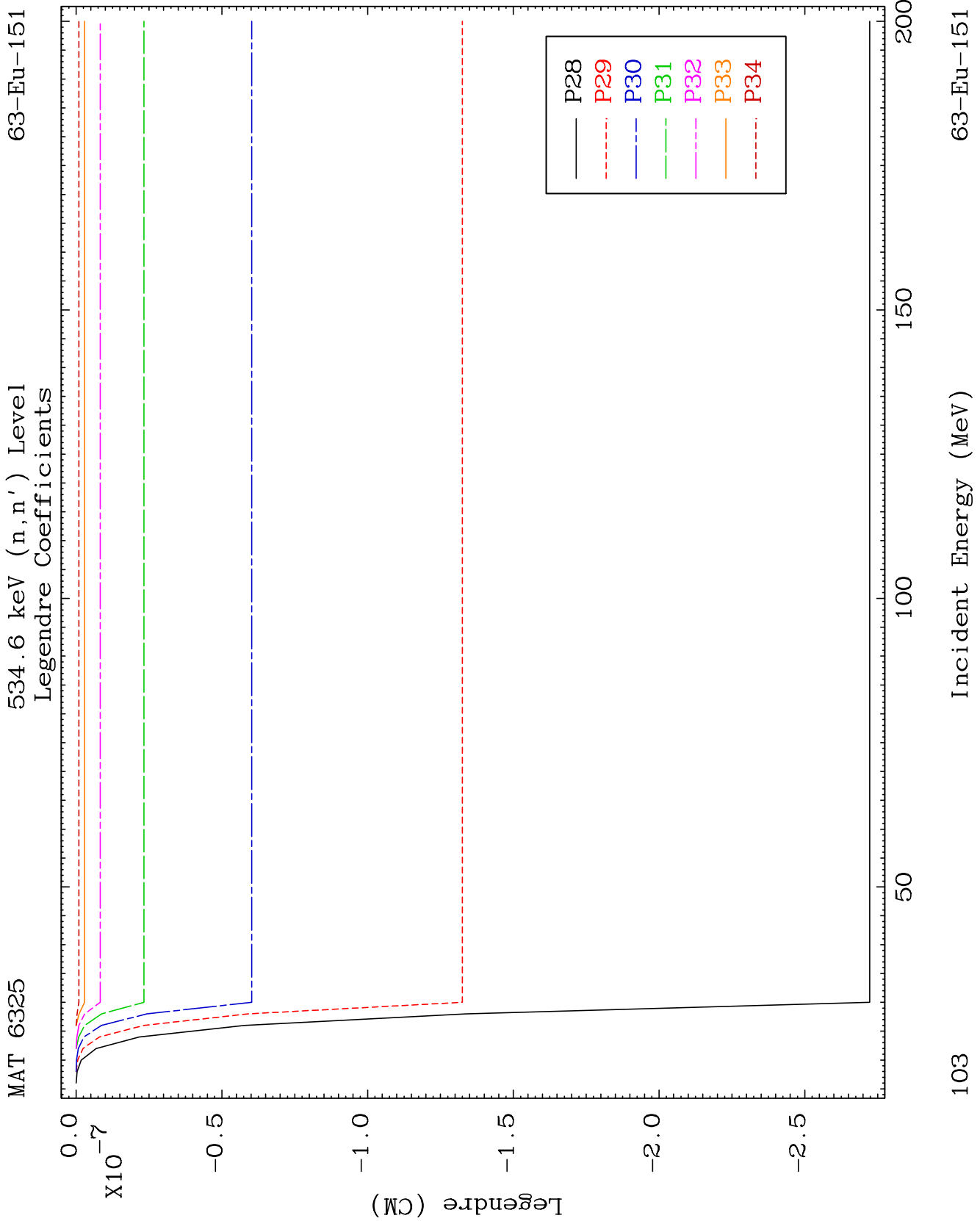
63-Eu-151



102

Incident Energy (MeV)

63-Eu-151

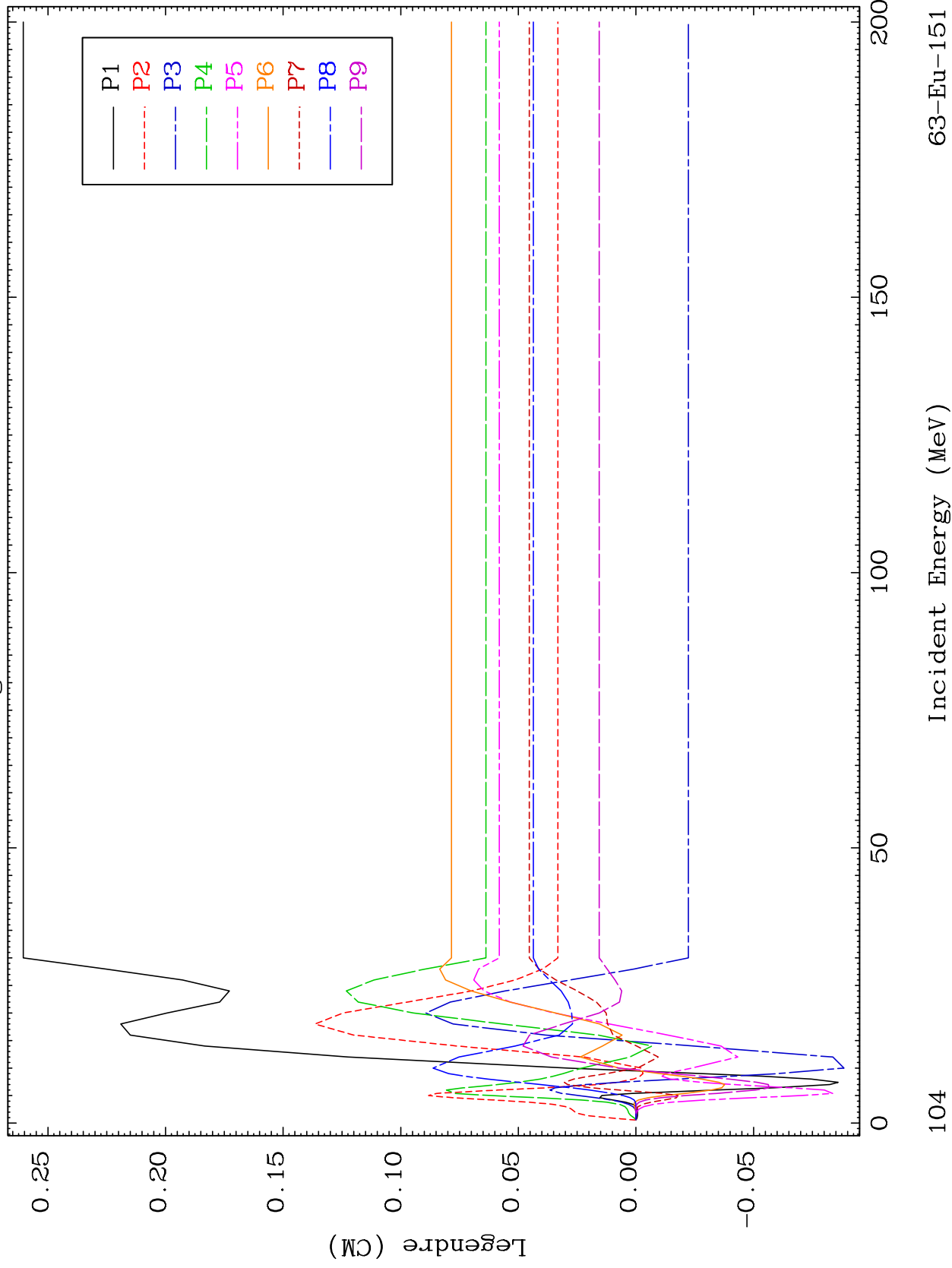




MAT 6325

546.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

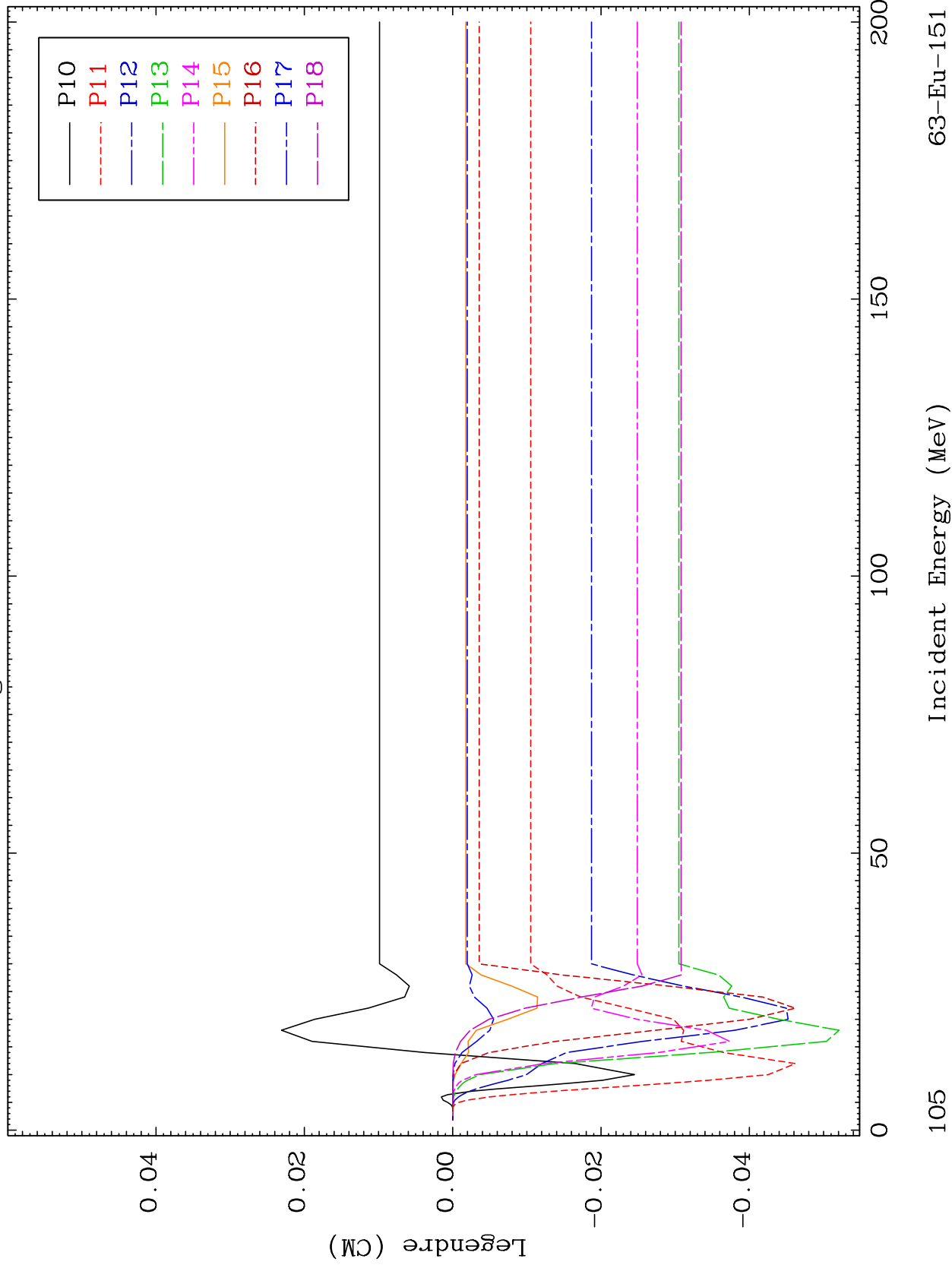
Incident Energy (MeV)

104

MAT 6325

546.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

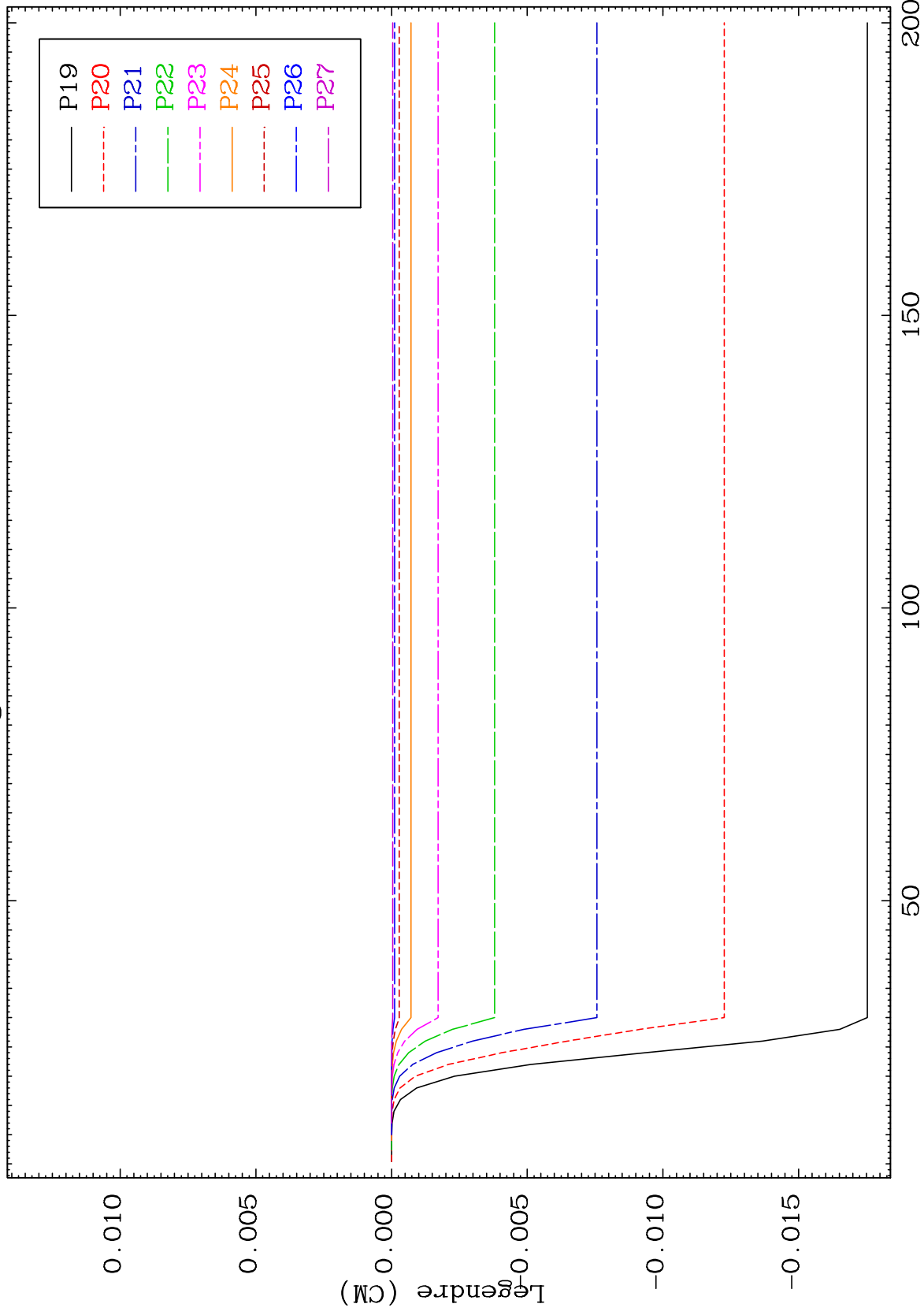
Incident Energy (MeV)

105

MAT 6325

546.3 keV (n, n') Level  
Legendre Coefficients

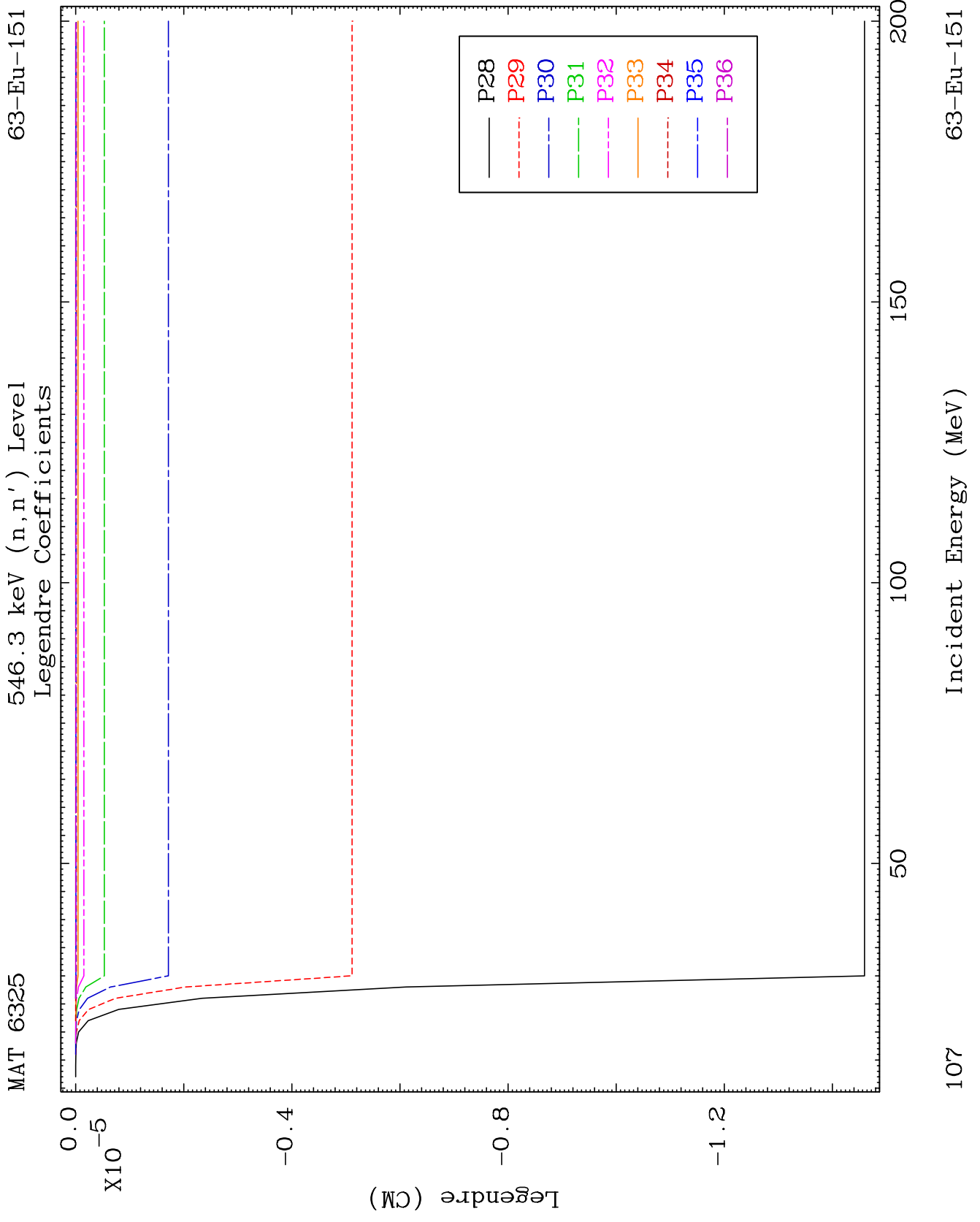
63-Eu-151

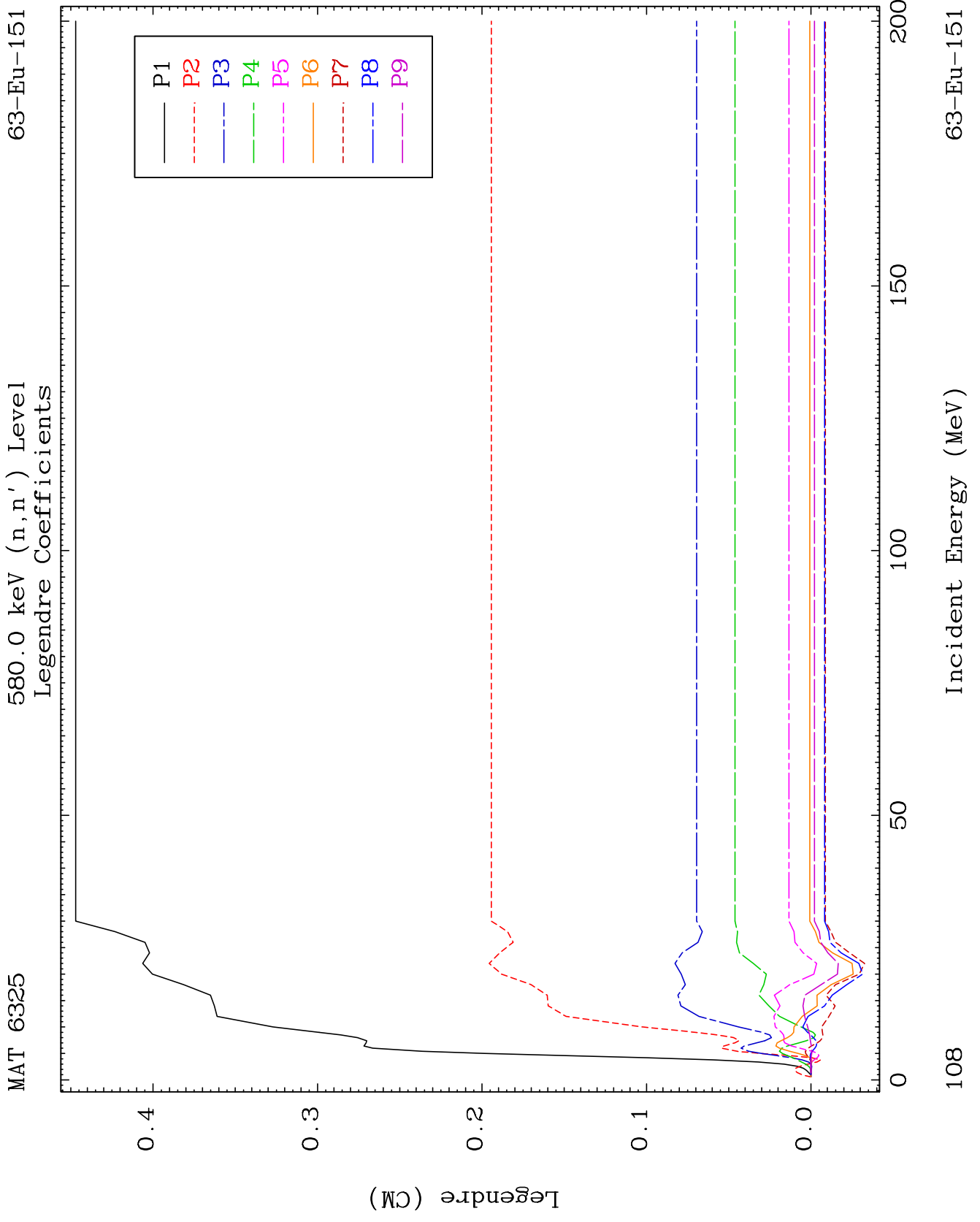


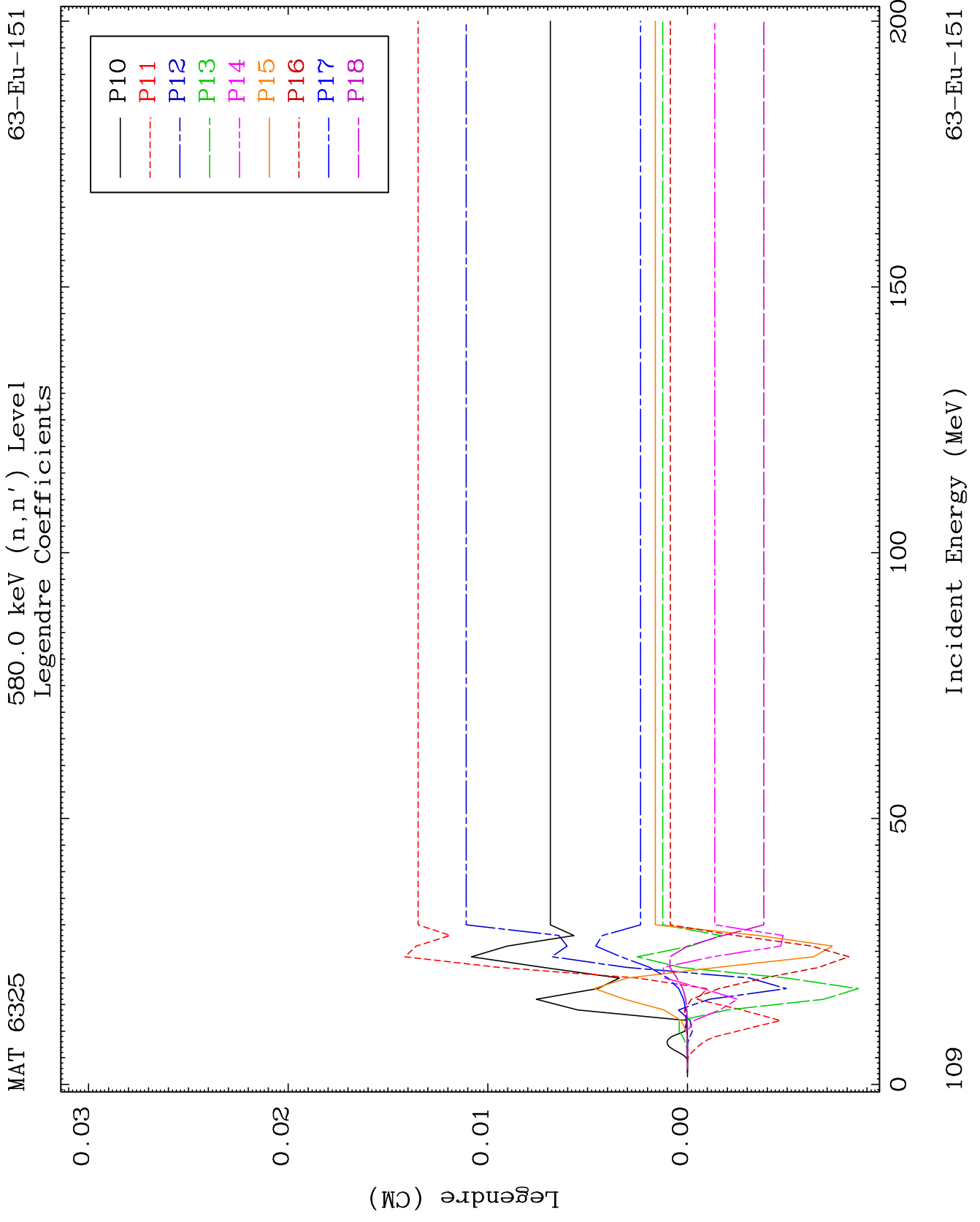
106

Incident Energy (MeV)

63-Eu-151



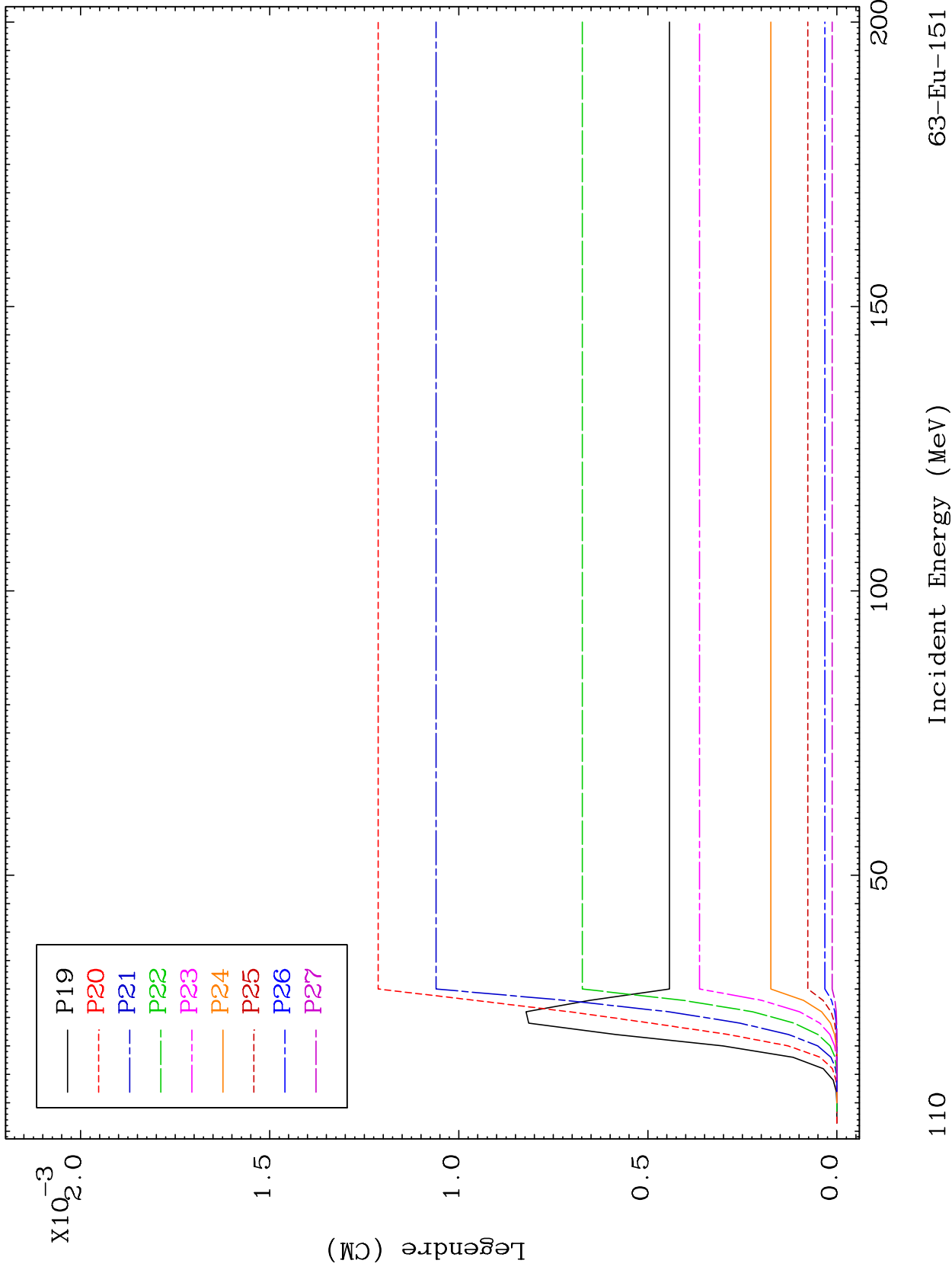


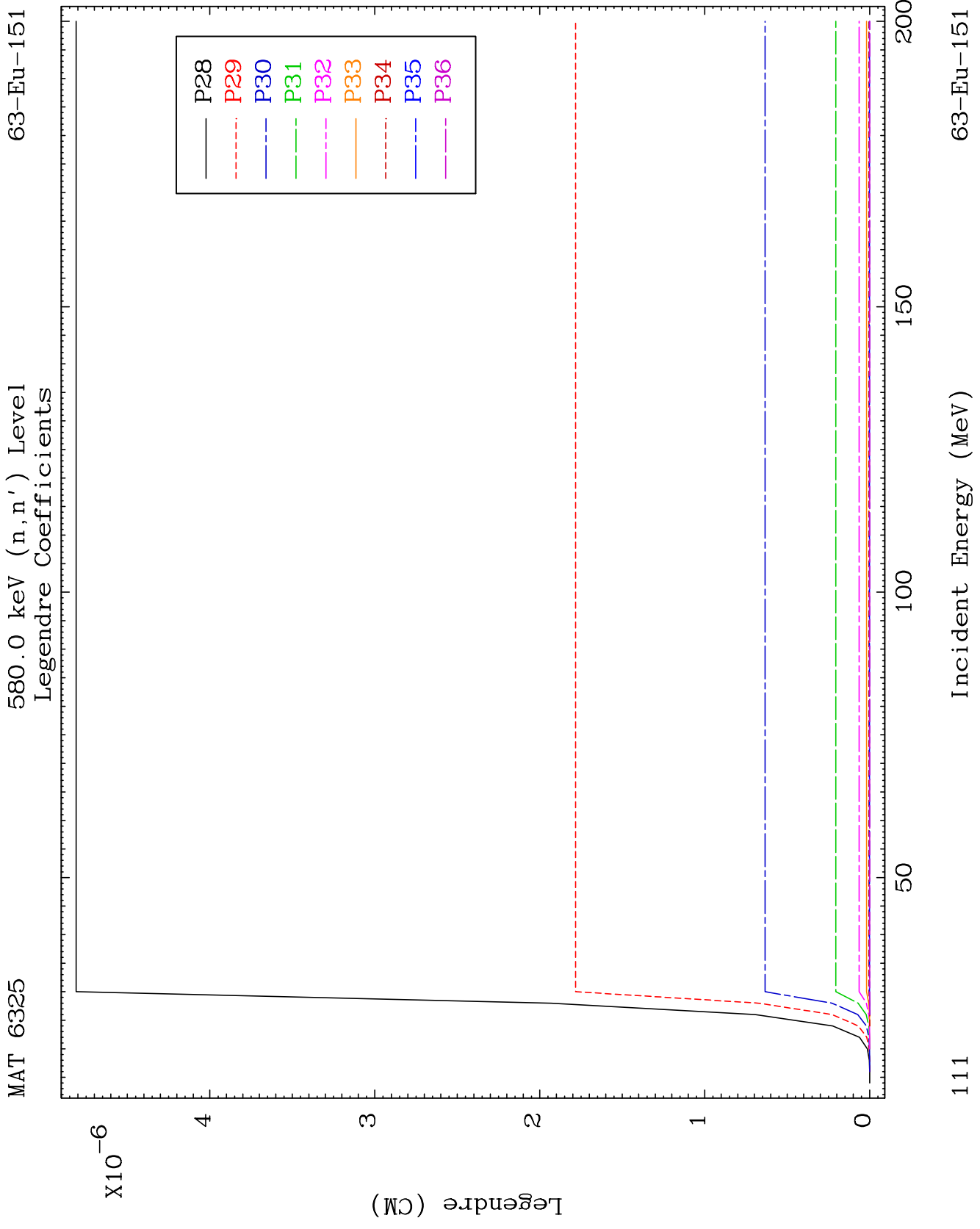


MAT 6325

580.0 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



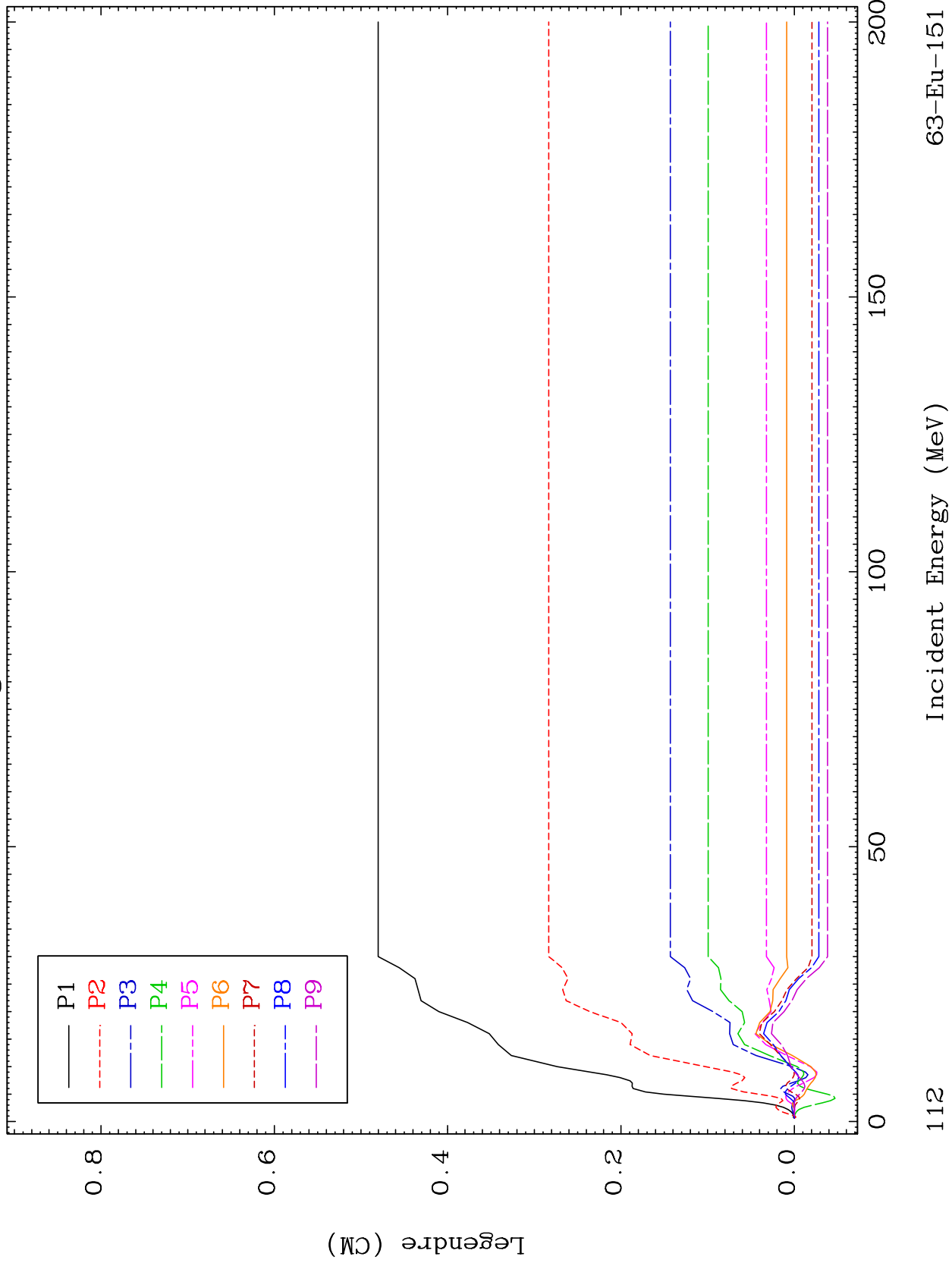




MAT 6325

587.1 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

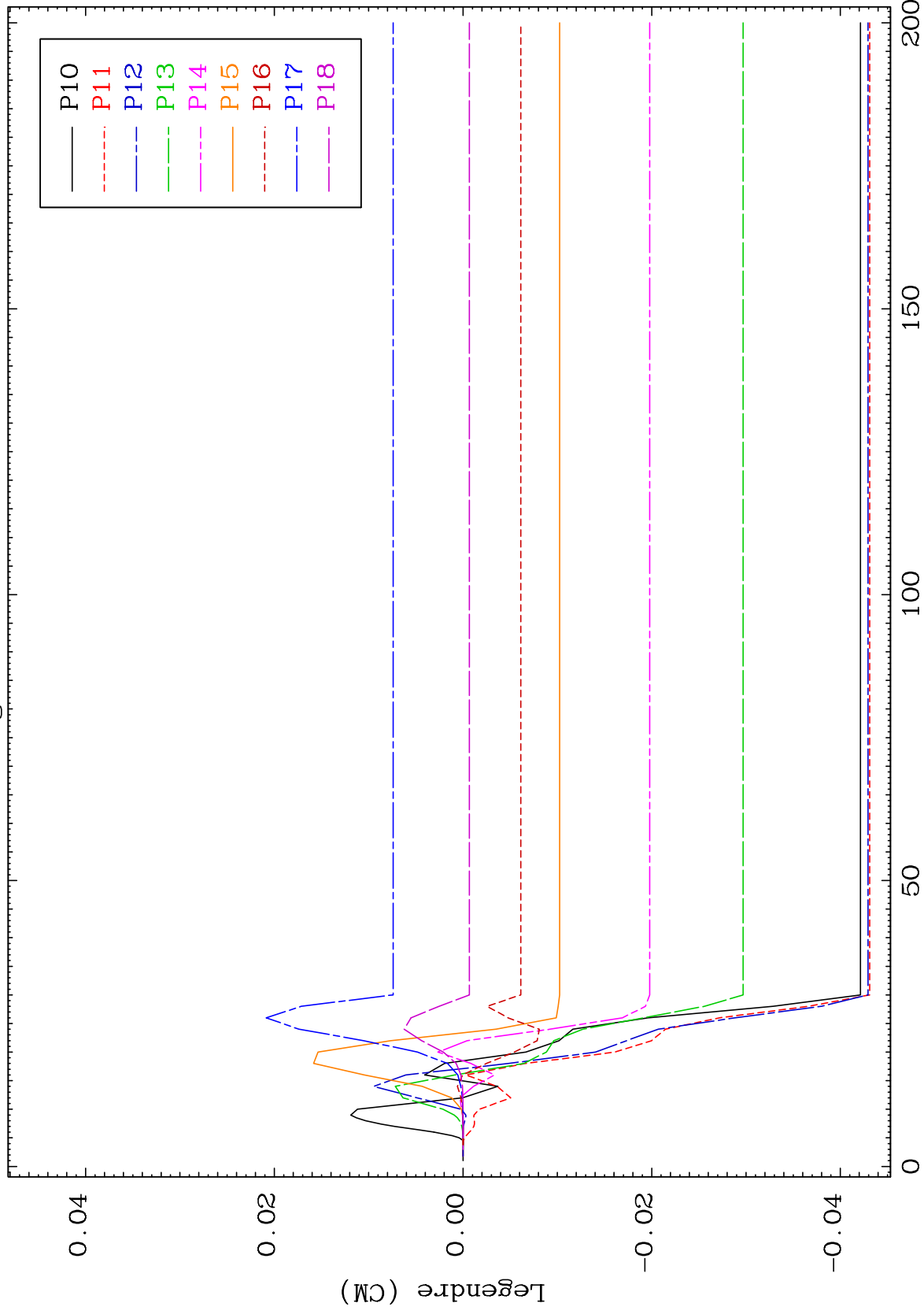
Incident Energy (MeV)

112

MAT 6325

587.1 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



113

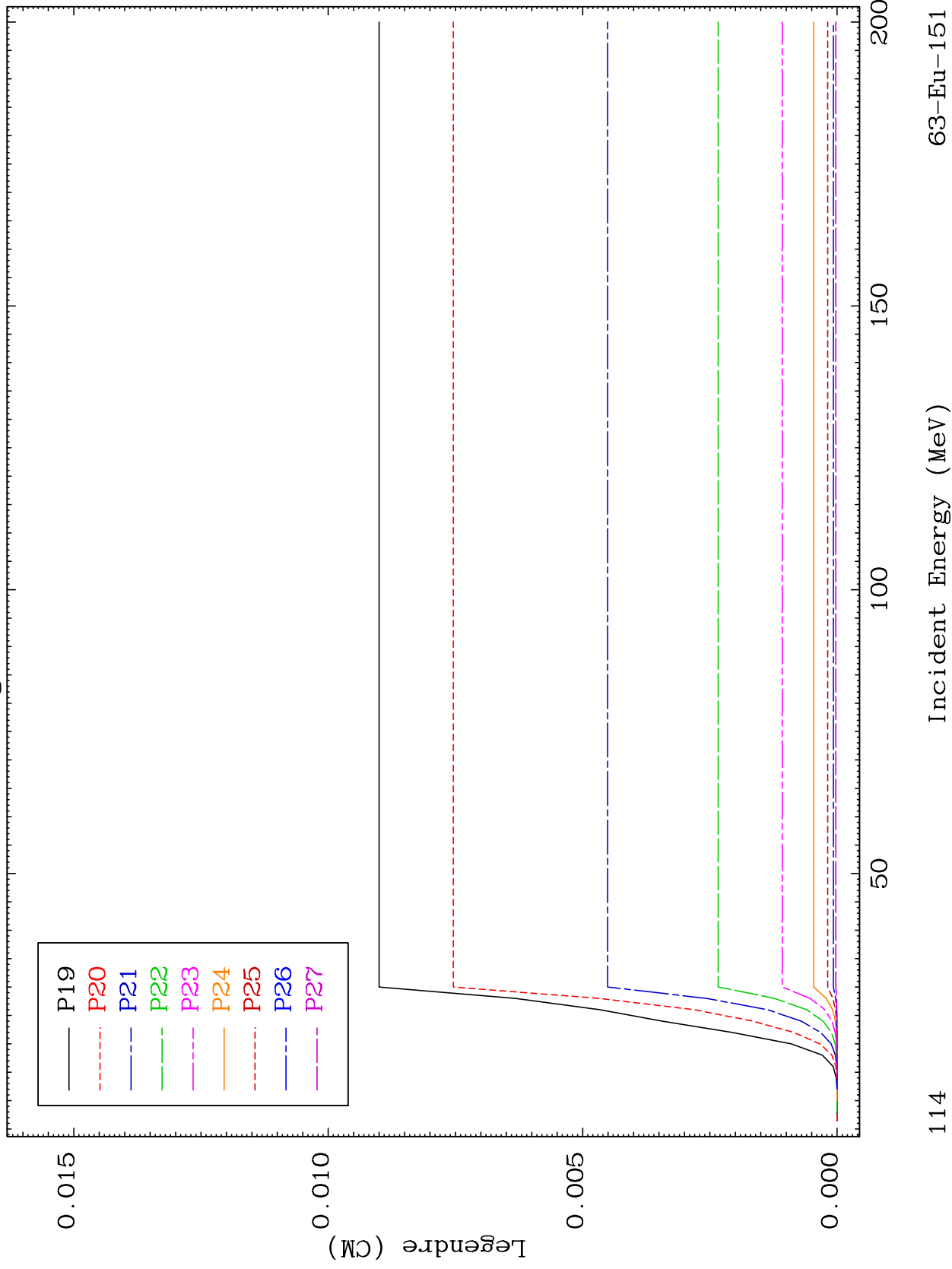
Incident Energy (MeV)

63-Eu-151

MAT 6325

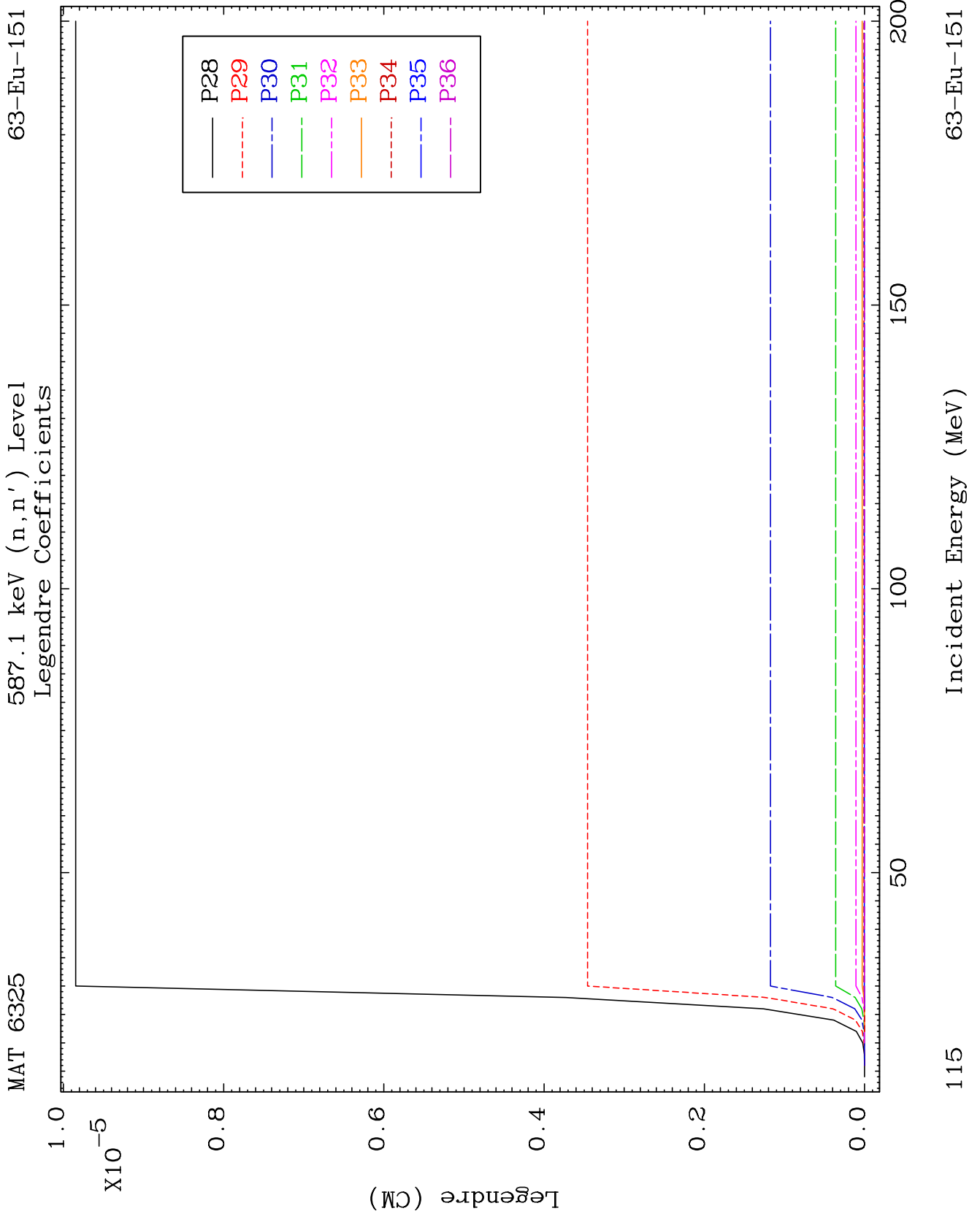
587.1 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



114

63-Eu-151

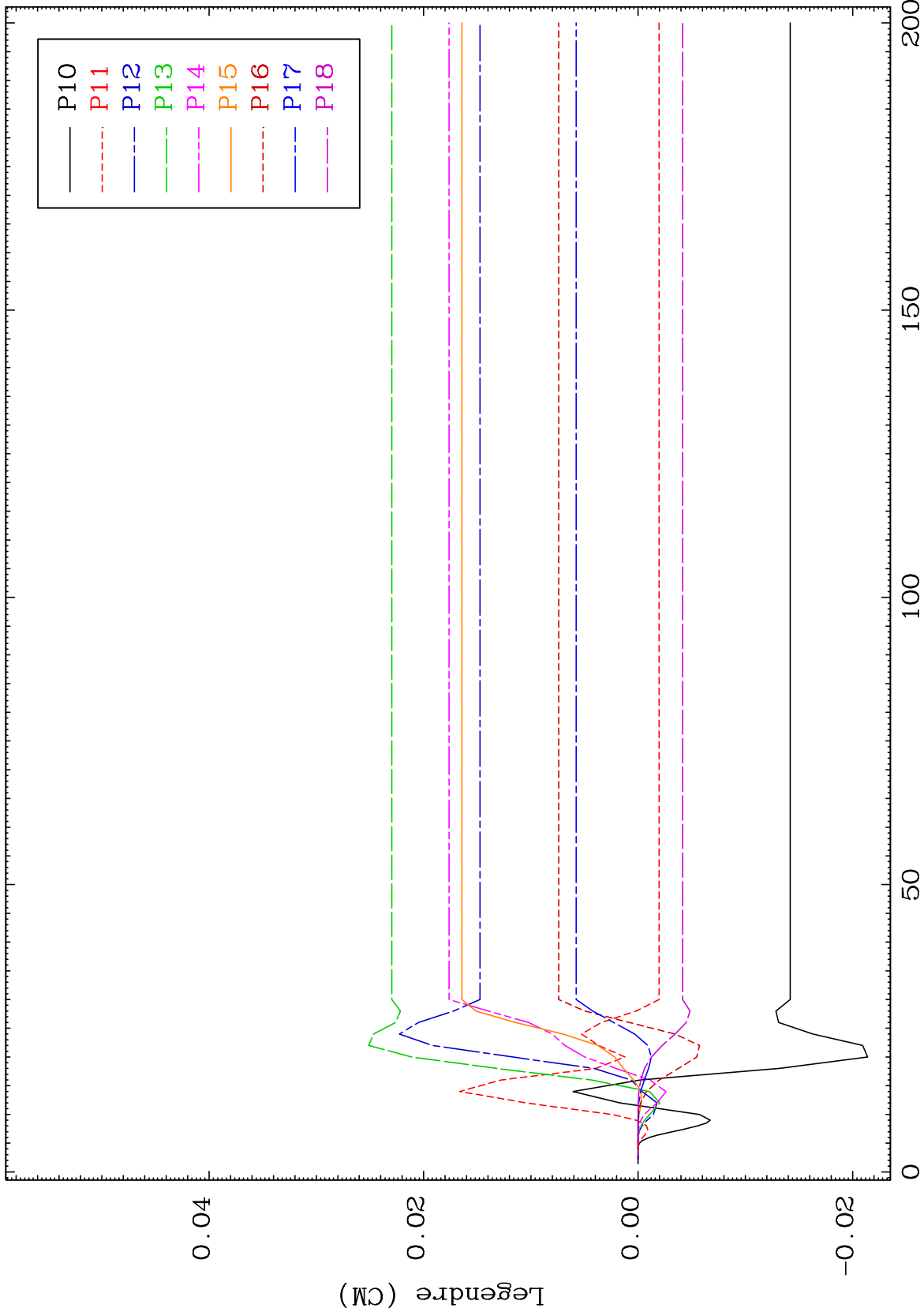




MAT 6325

600.5 keV (n,n') Level  
Legendre Coefficients

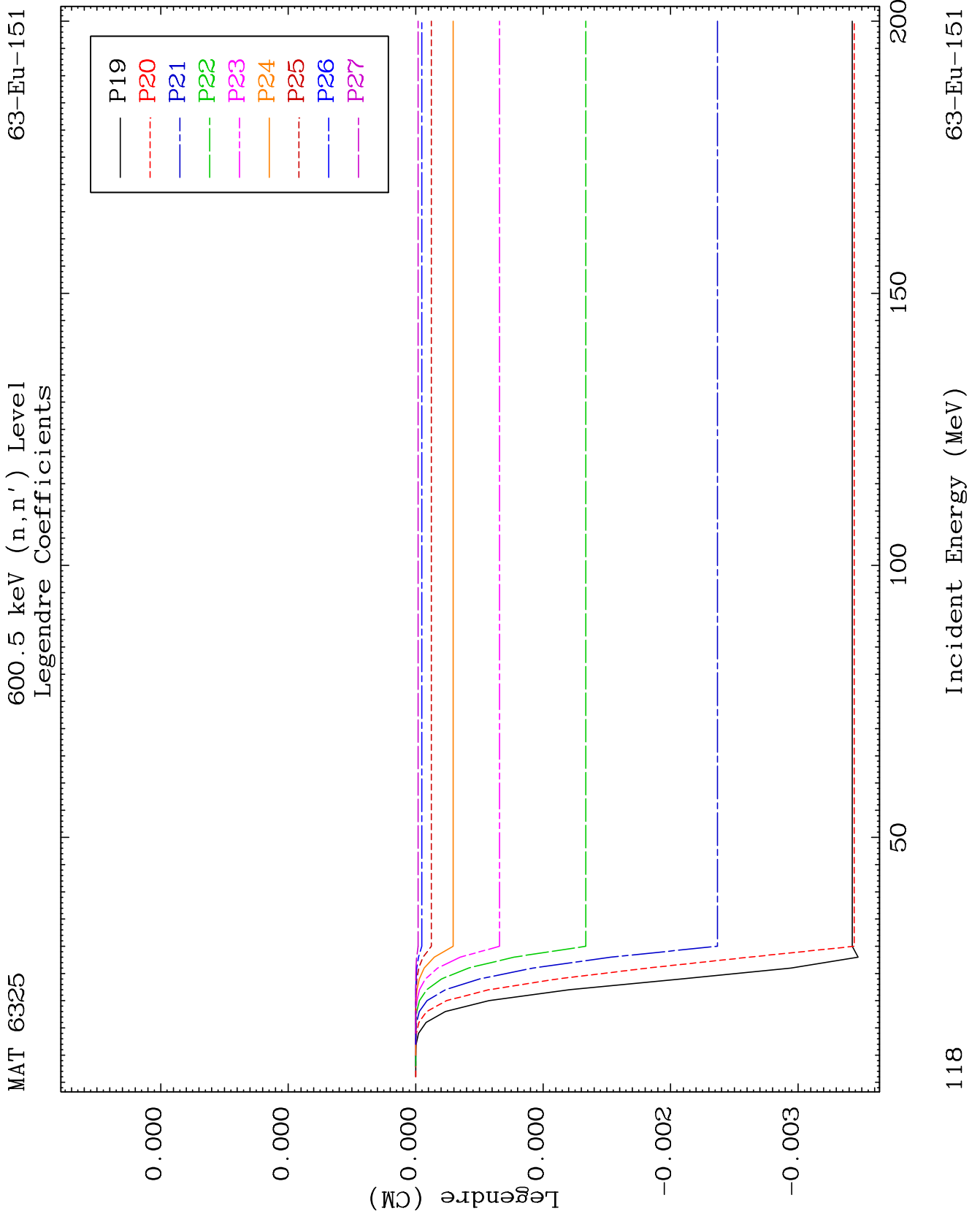
63-Eu-151

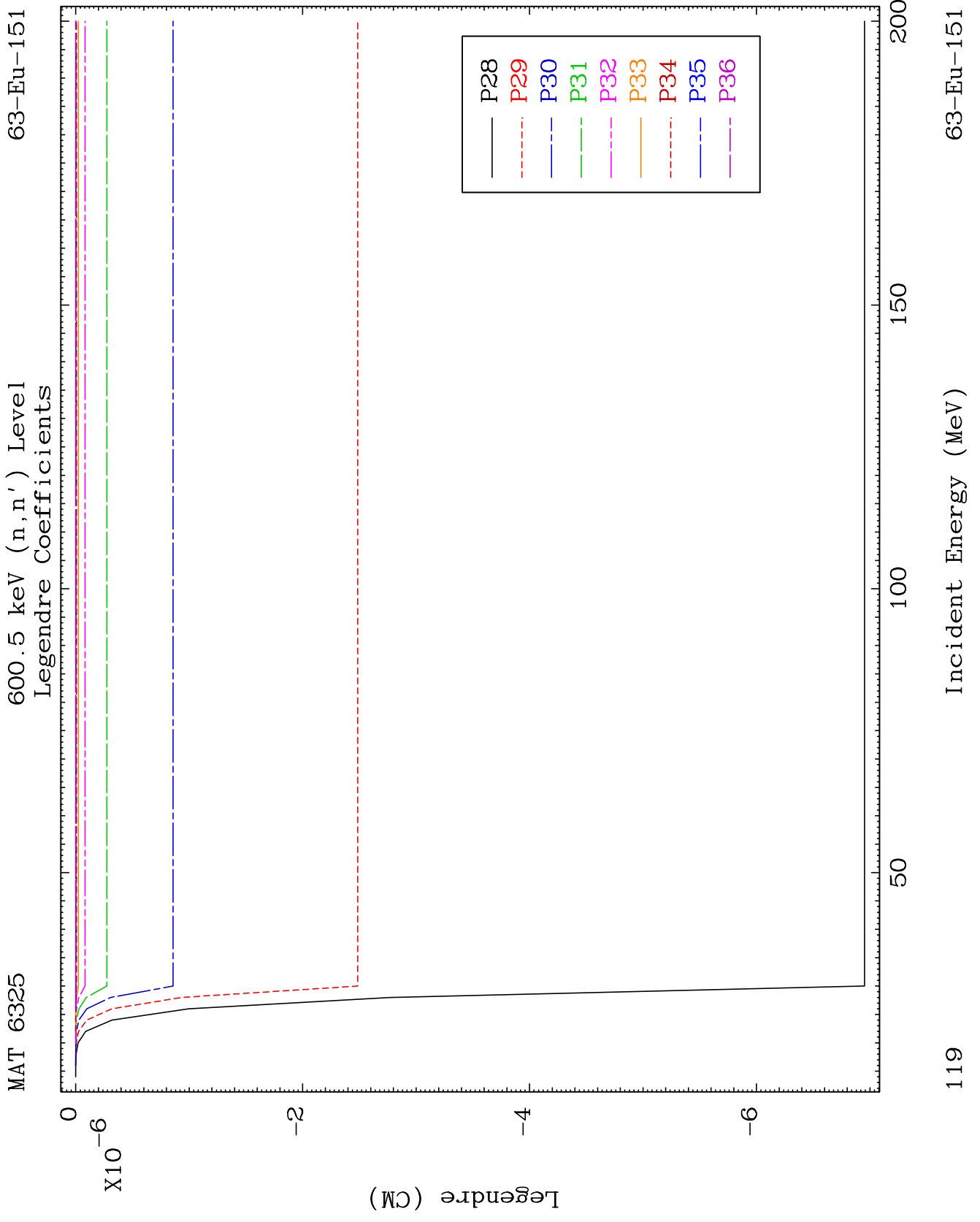


117

Incident Energy (MeV)

63-Eu-151



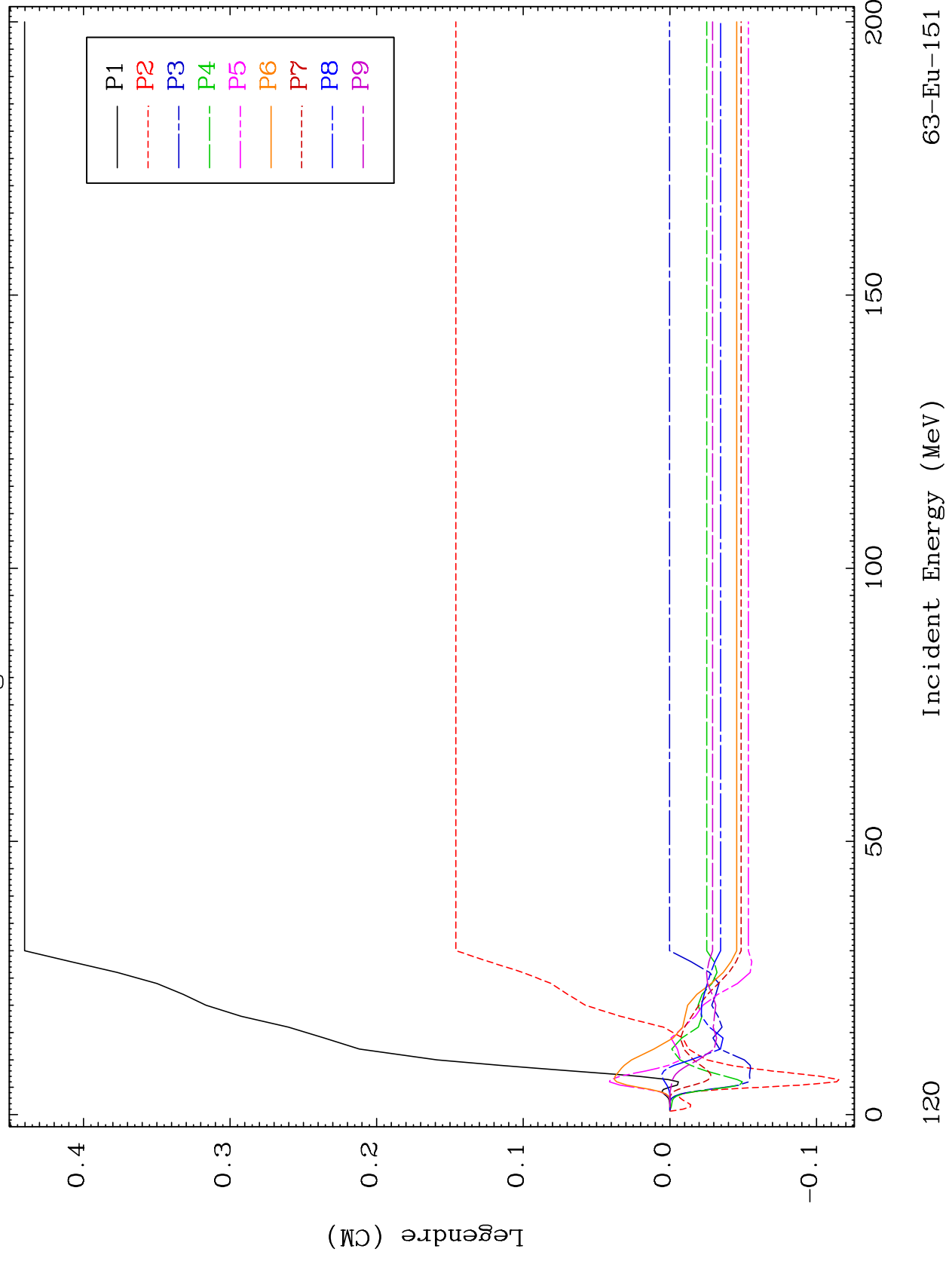




MAT 6325

606.1 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

Incident Energy (MeV)

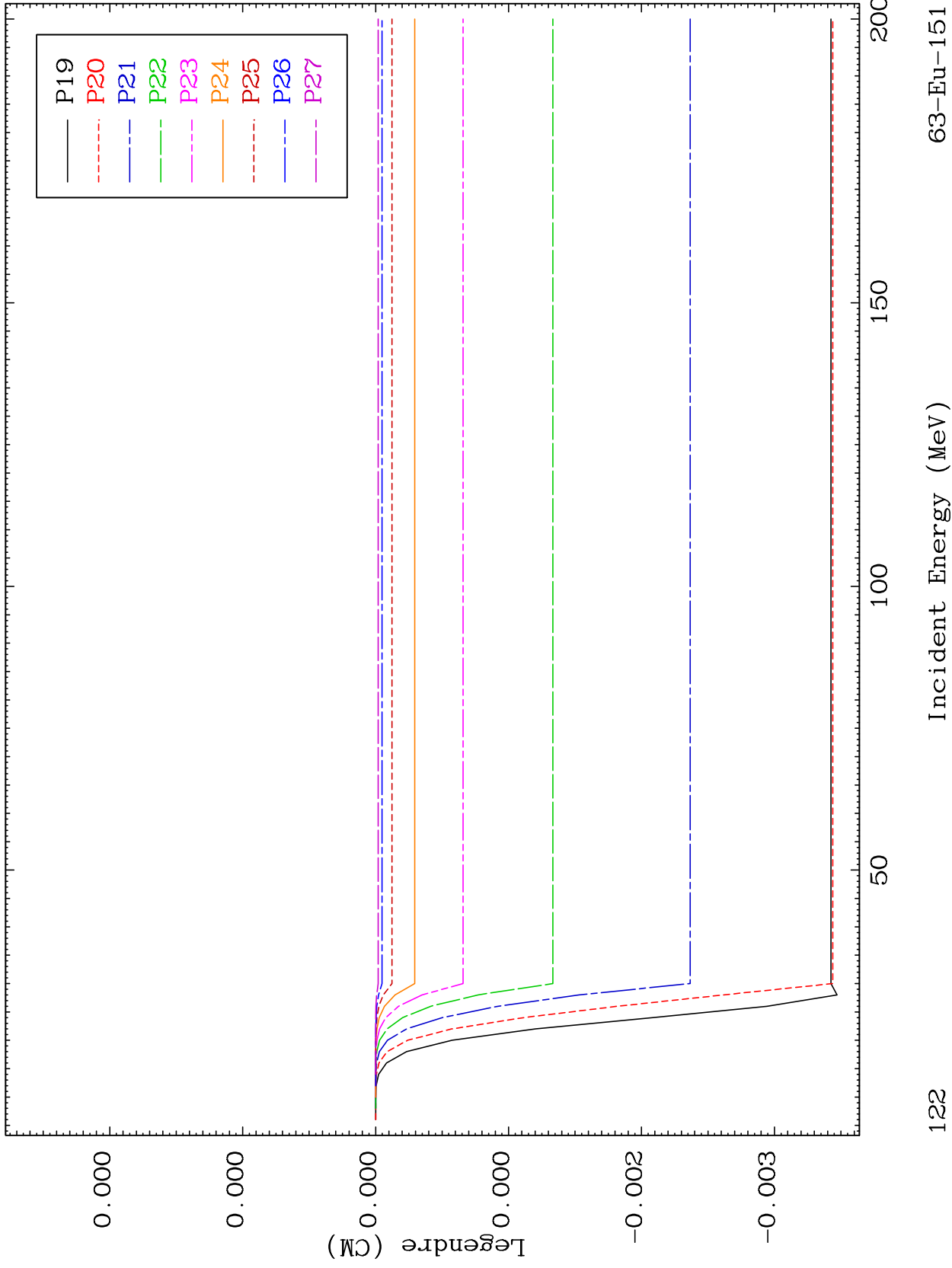
120



MAT 6325

606.1 keV (n,n') Level  
Legendre Coefficients

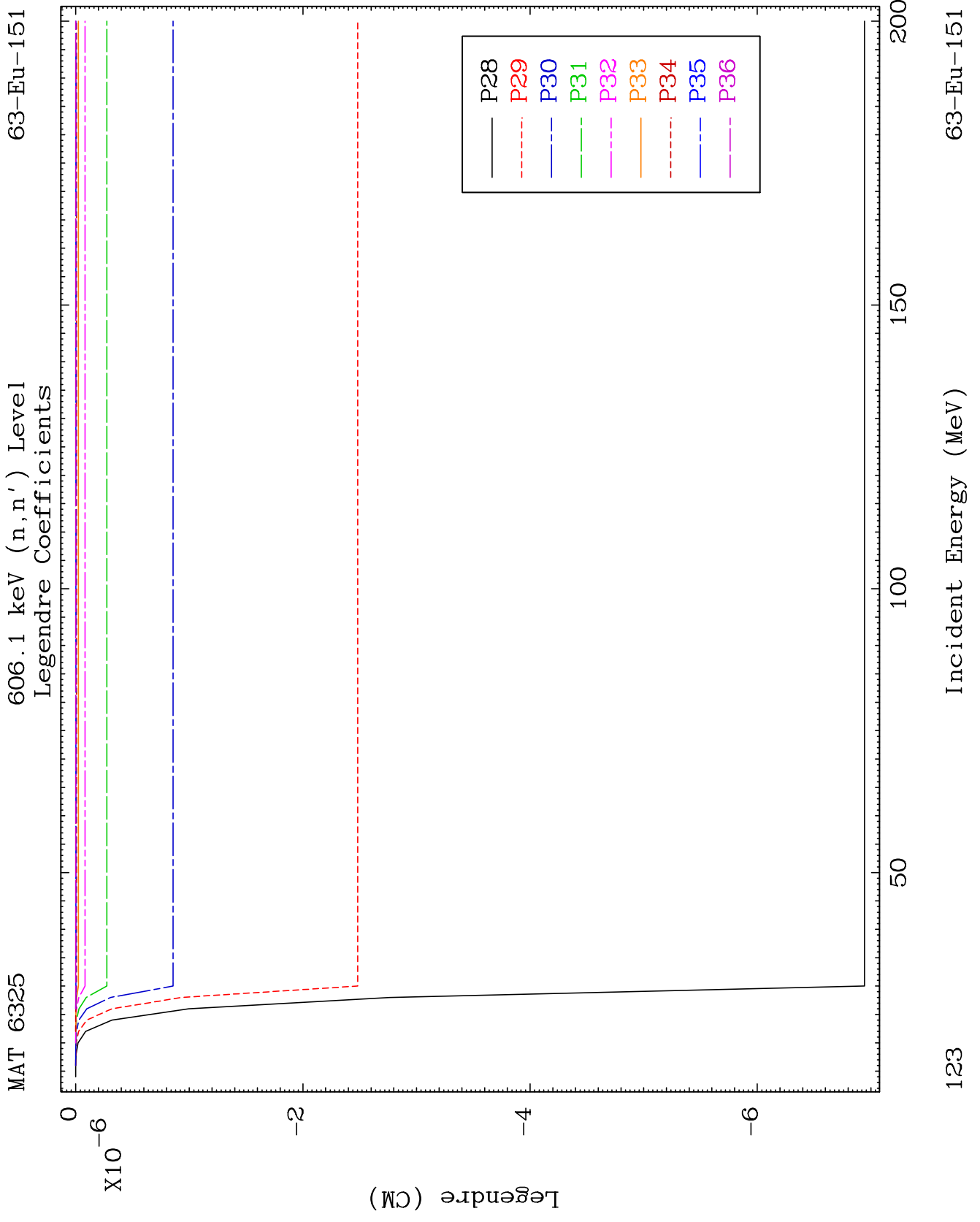
63-Eu-151



122

Incident Energy (MeV)

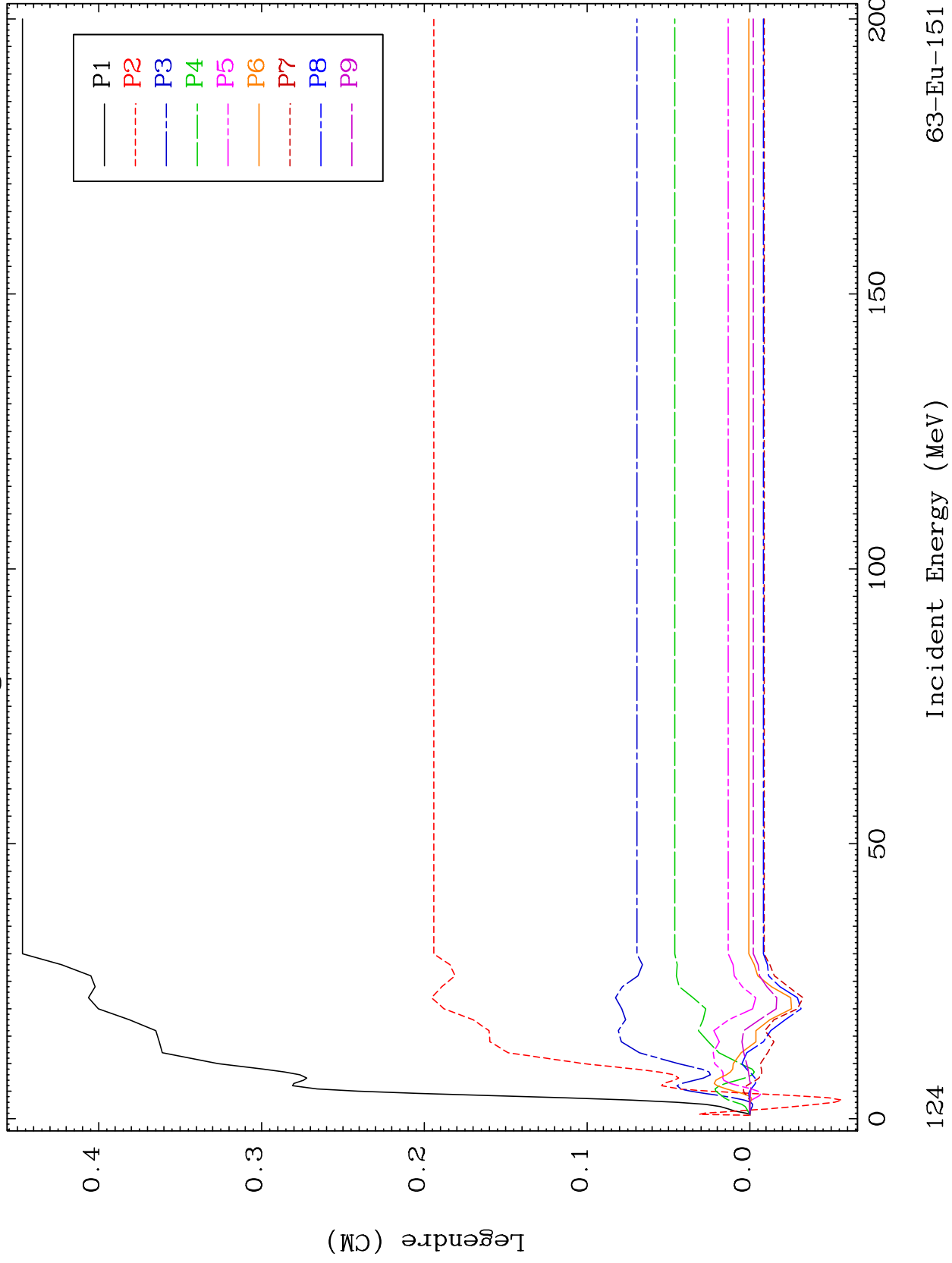
63-Eu-151



MAT 6325

611.4 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

Incident Energy (MeV)

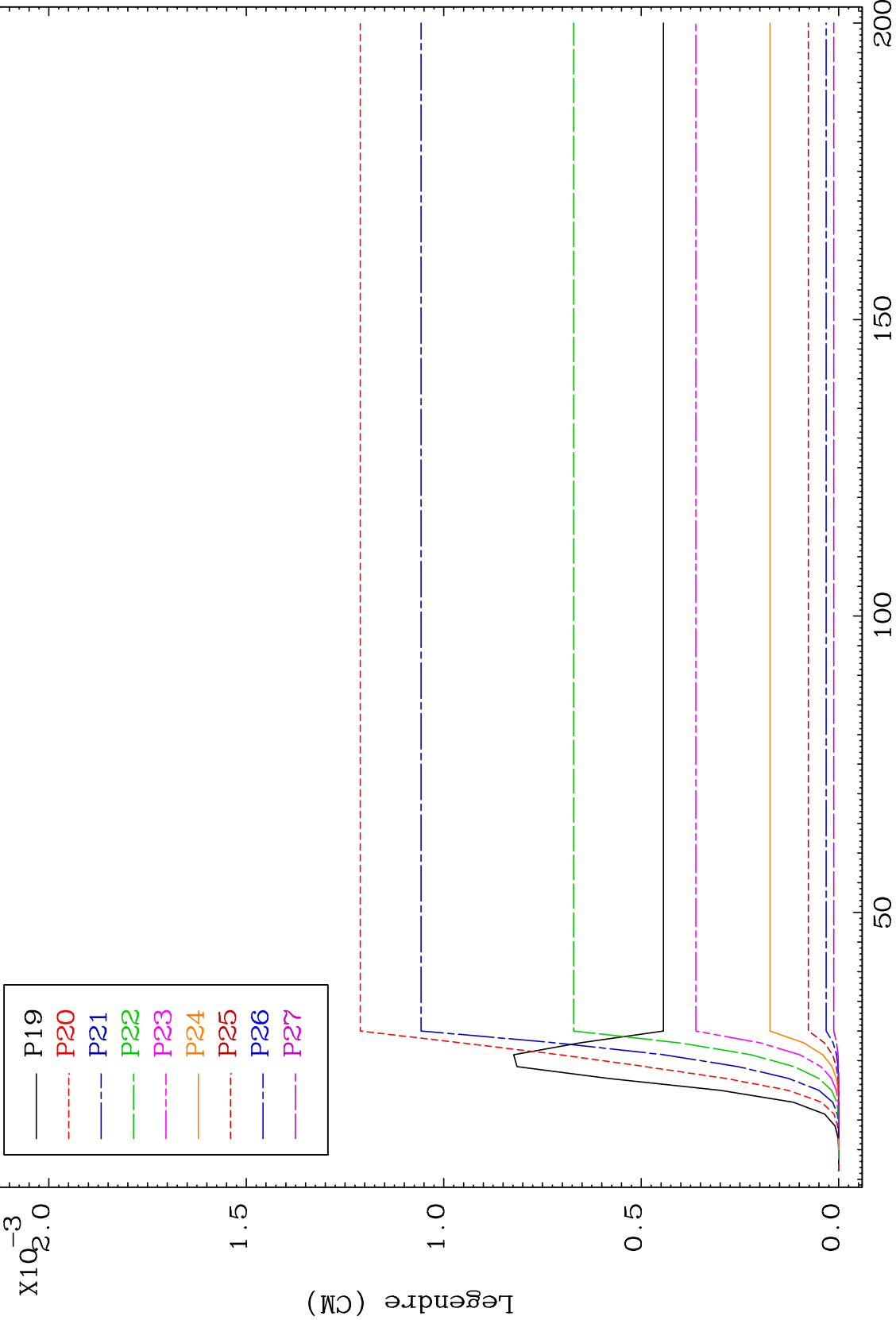
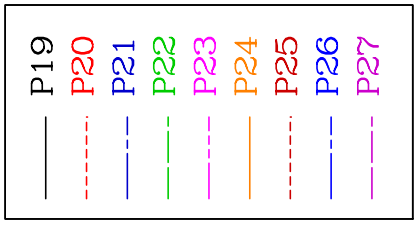
124



MAT 6325

611.4 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



126

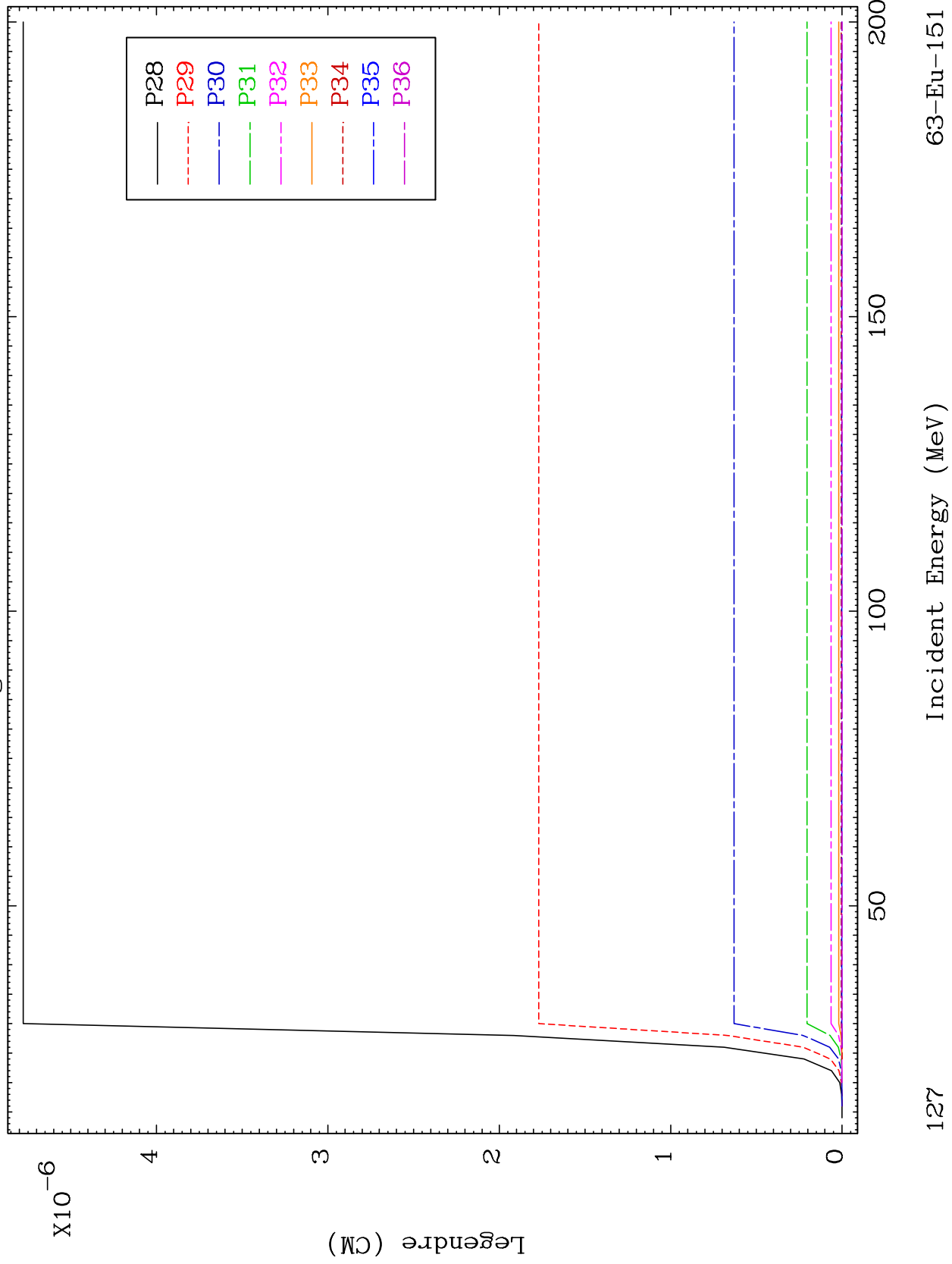
Incident Energy (MeV)

63-Eu-151

MAT 6325

611.4 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



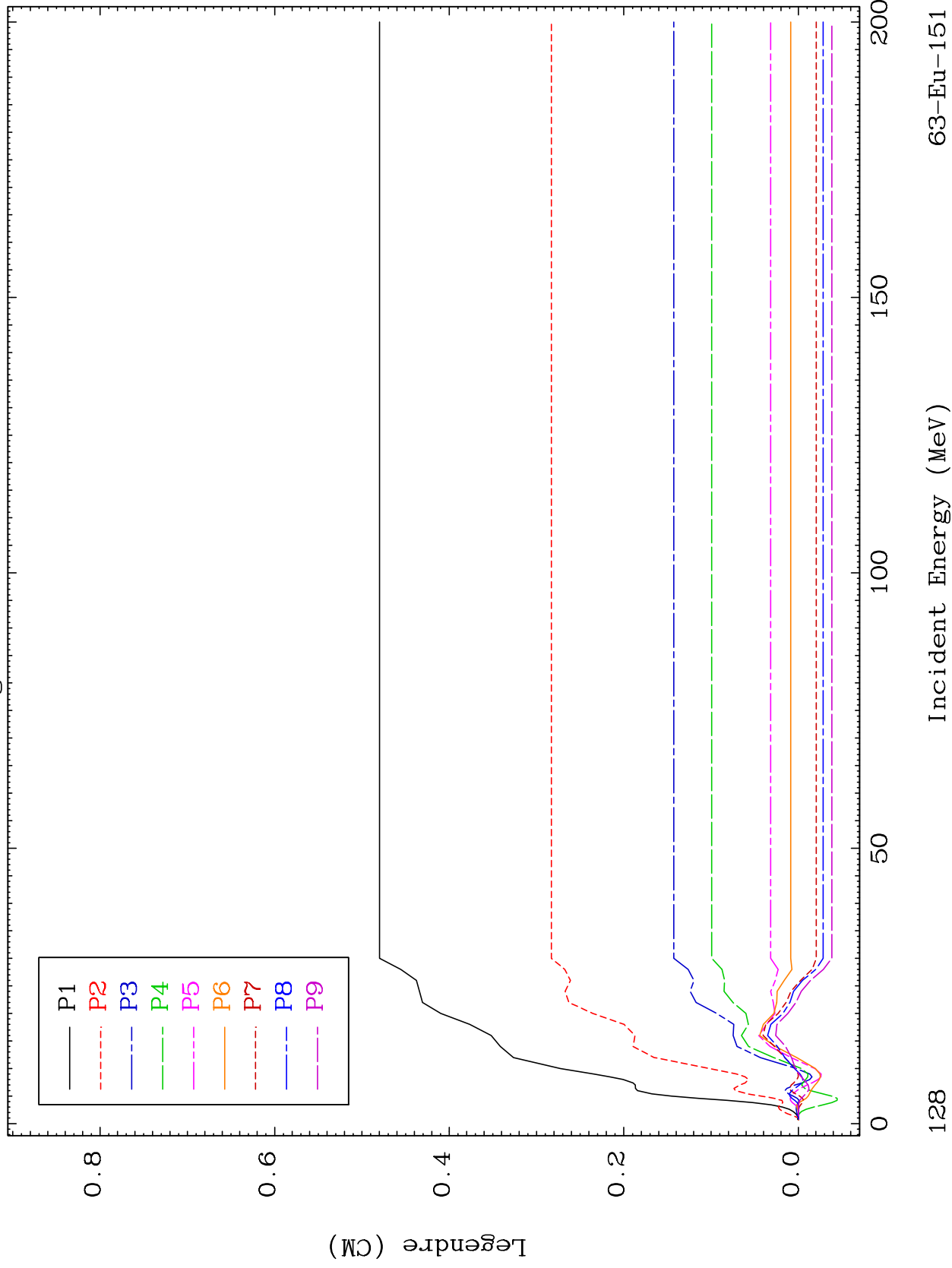
127



MAT 6325

632.7 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



63-Eu-151

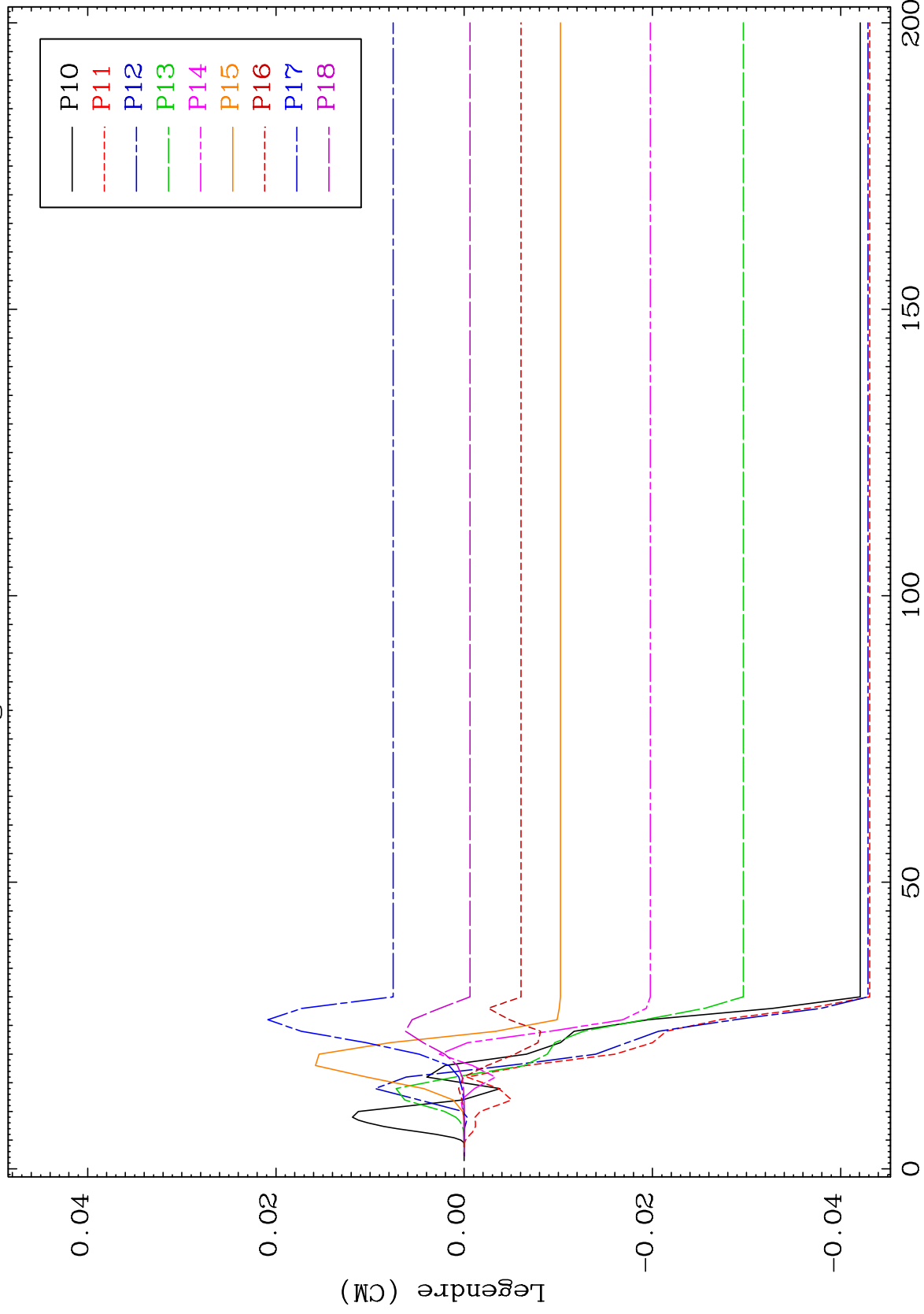
Incident Energy (MeV)

128

MAT 6325

632.7 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



129

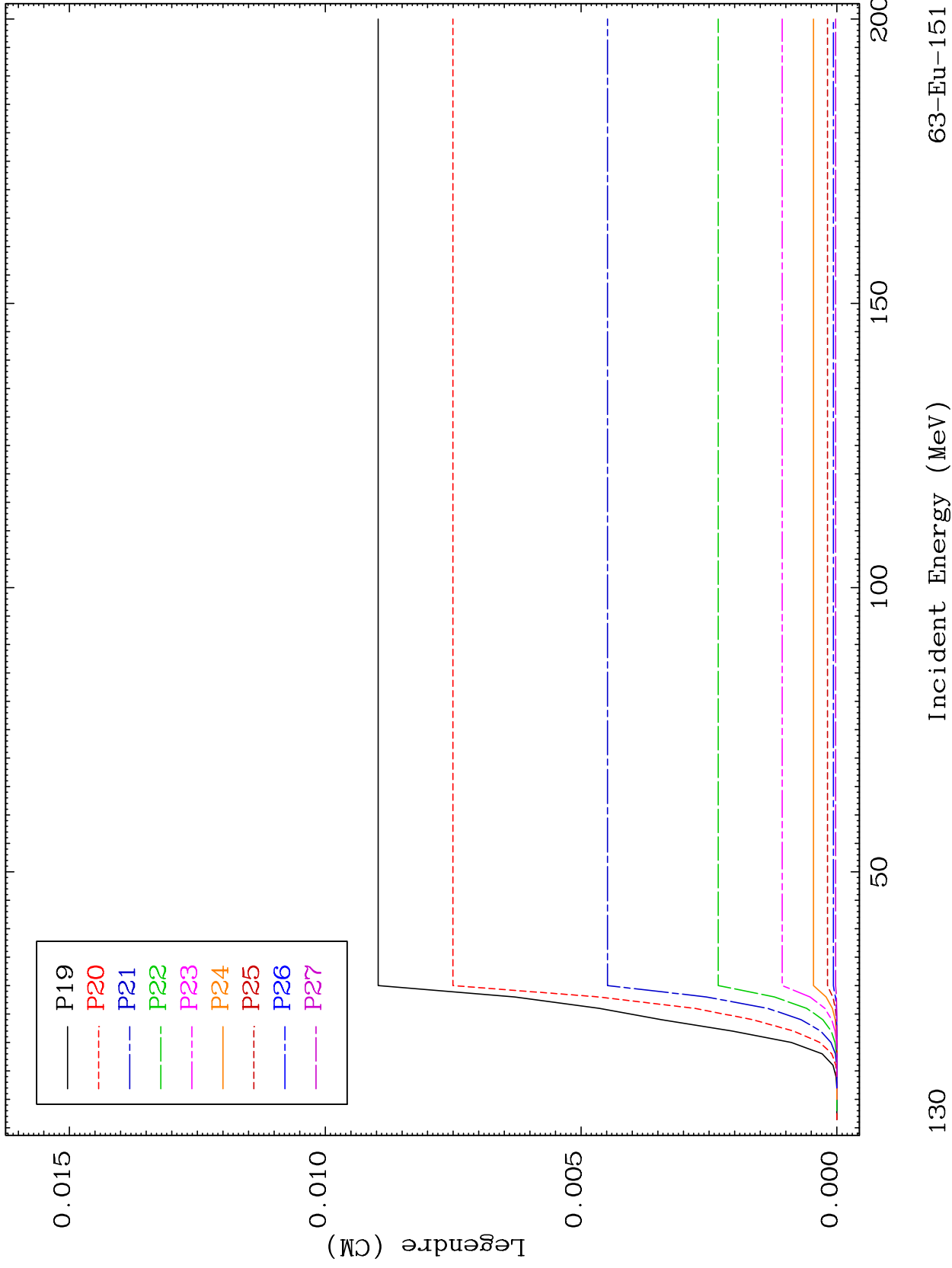
Incident Energy (MeV)

63-Eu-151

MAT 6325

632.7 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



130

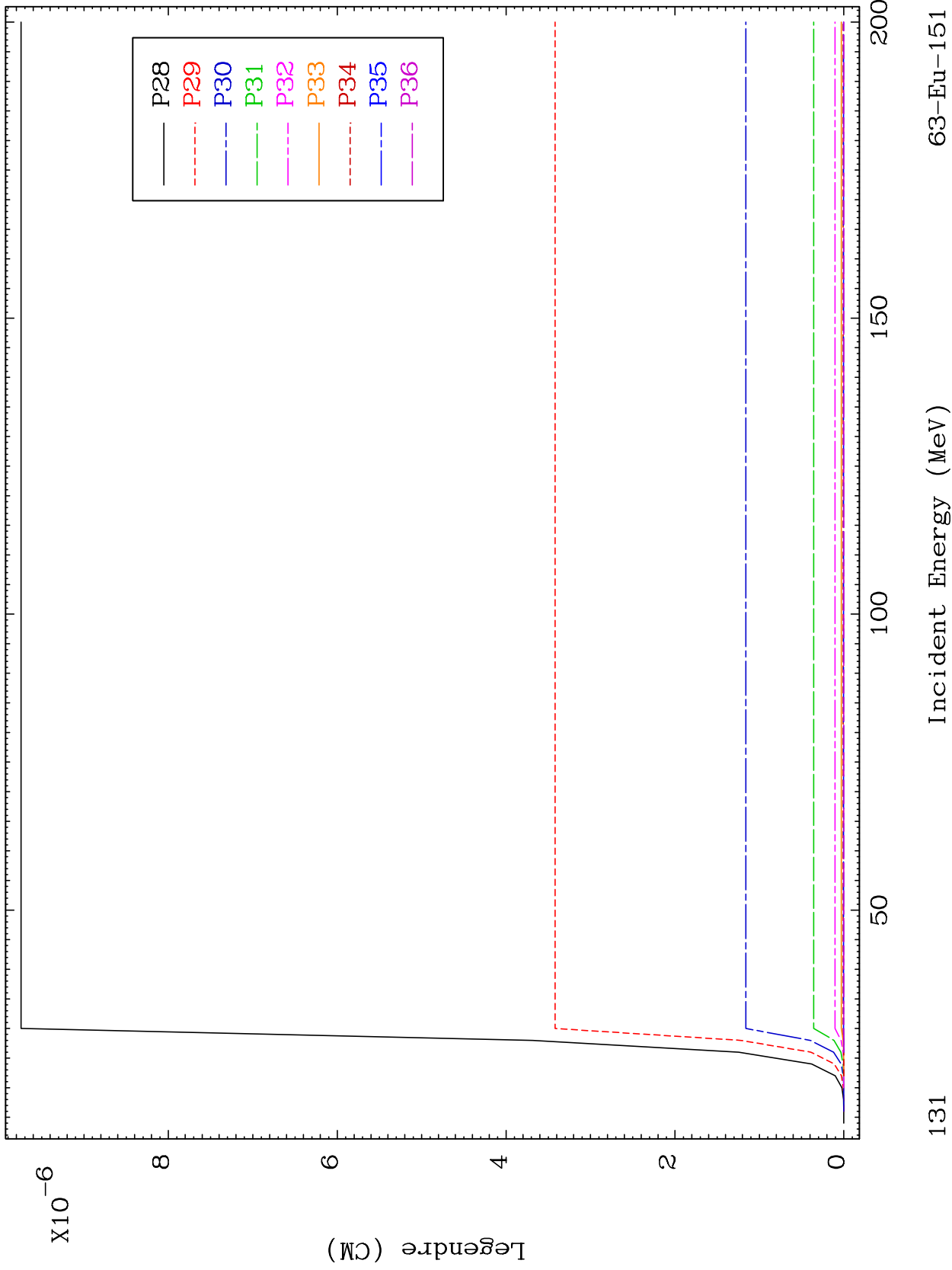
Incident Energy (MeV)

63-Eu-151

MAT 6325

632.7 keV (n,n') Level  
Legendre Coefficients

63-Eu-151

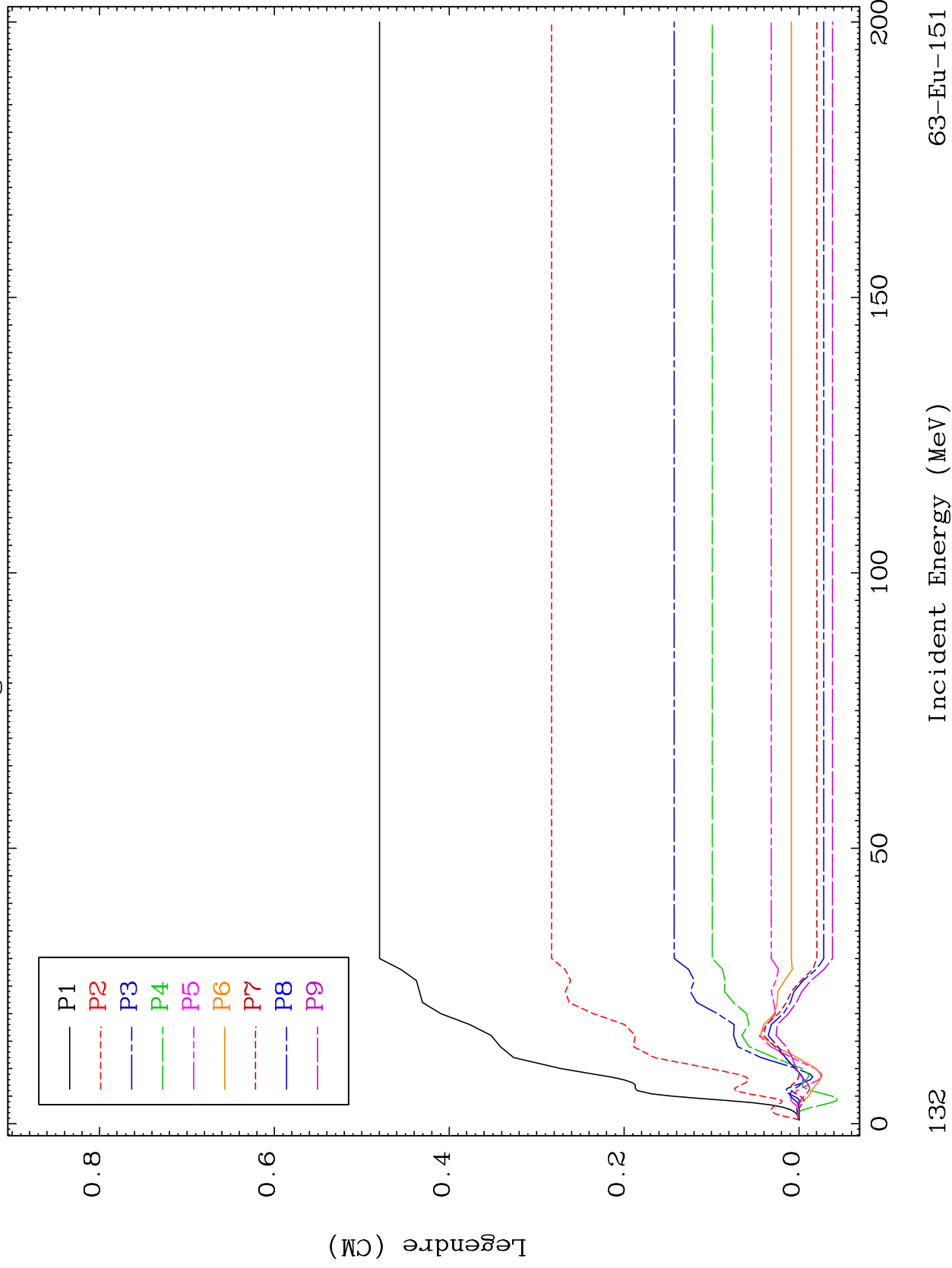


131

MAT 6325

654.4 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



132

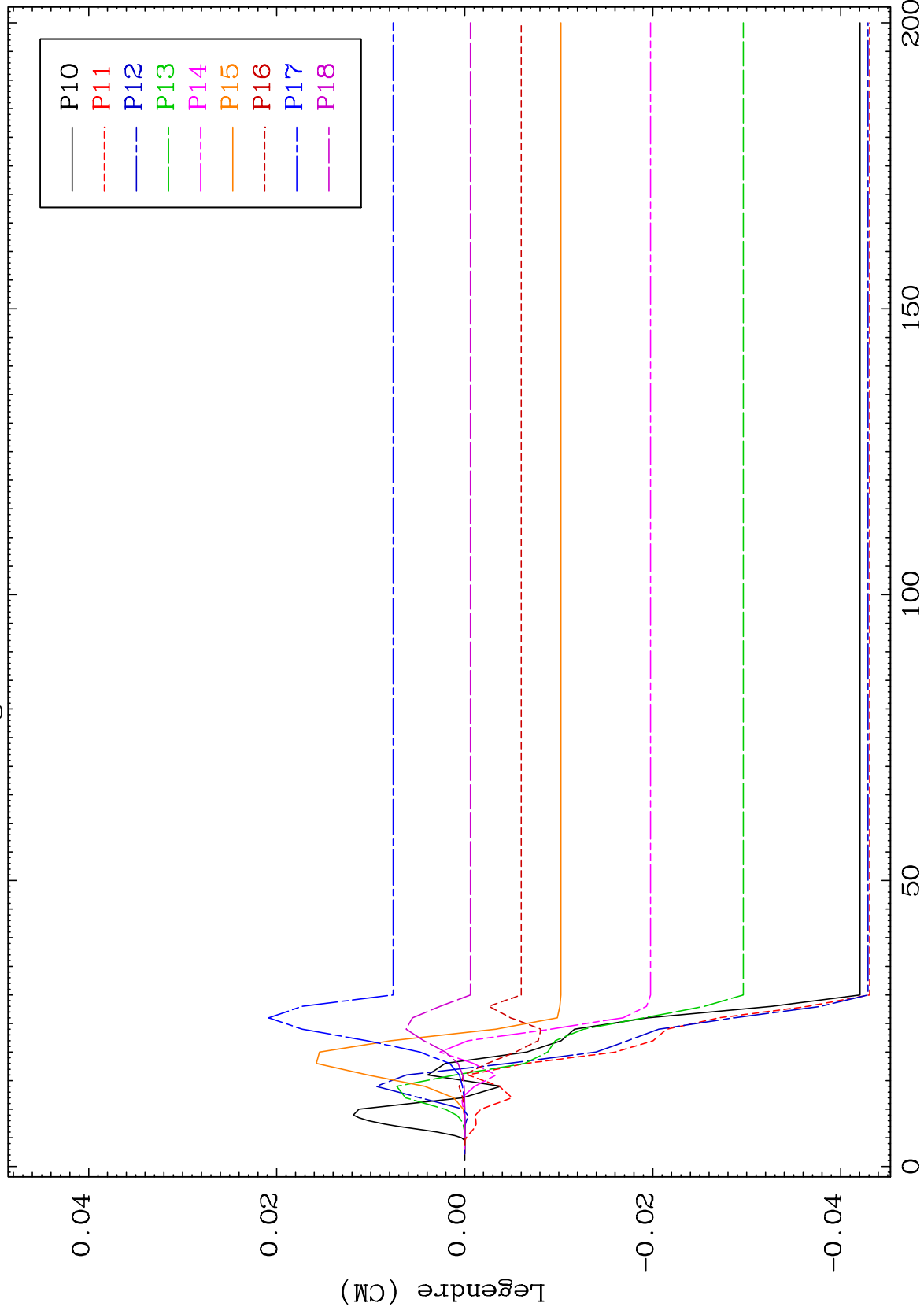
Incident Energy (MeV)

63-Eu-151

MAT 6325

654.4 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



133

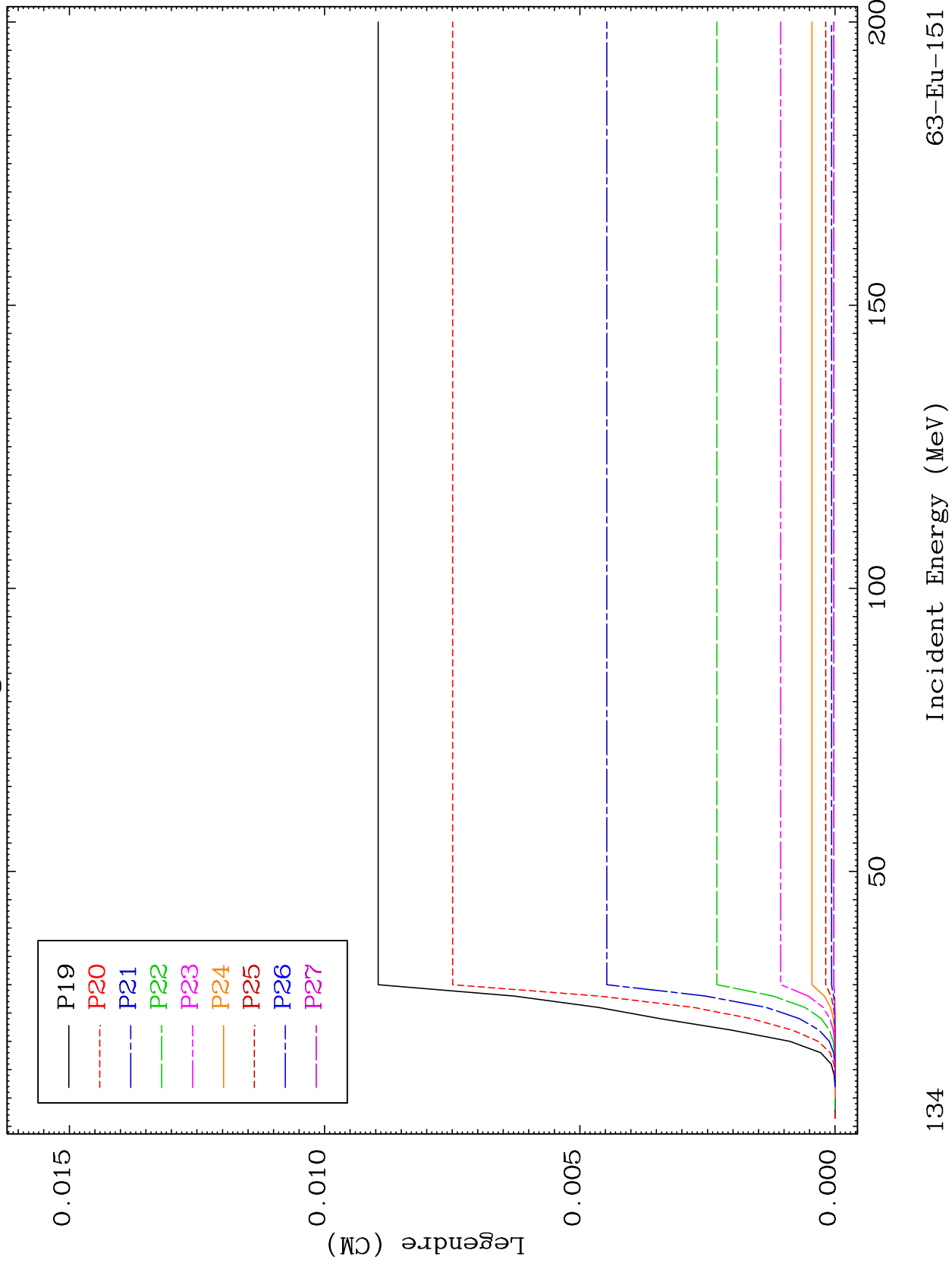
Incident Energy (MeV)

63-Eu-151

MAT 6325

654.4 keV (n,n') Level  
Legendre Coefficients

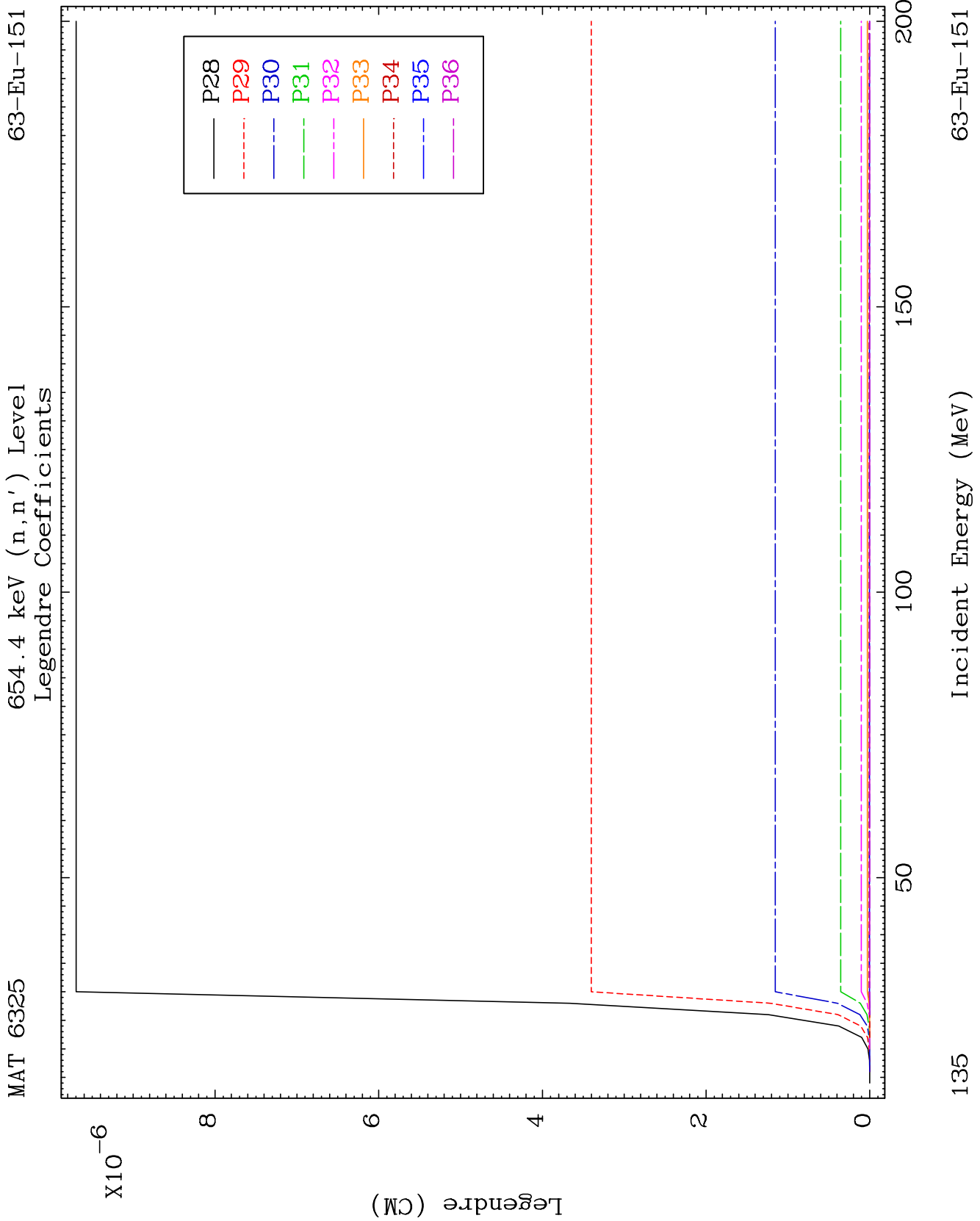
63-Eu-151



134

Incident Energy (MeV)

63-Eu-151

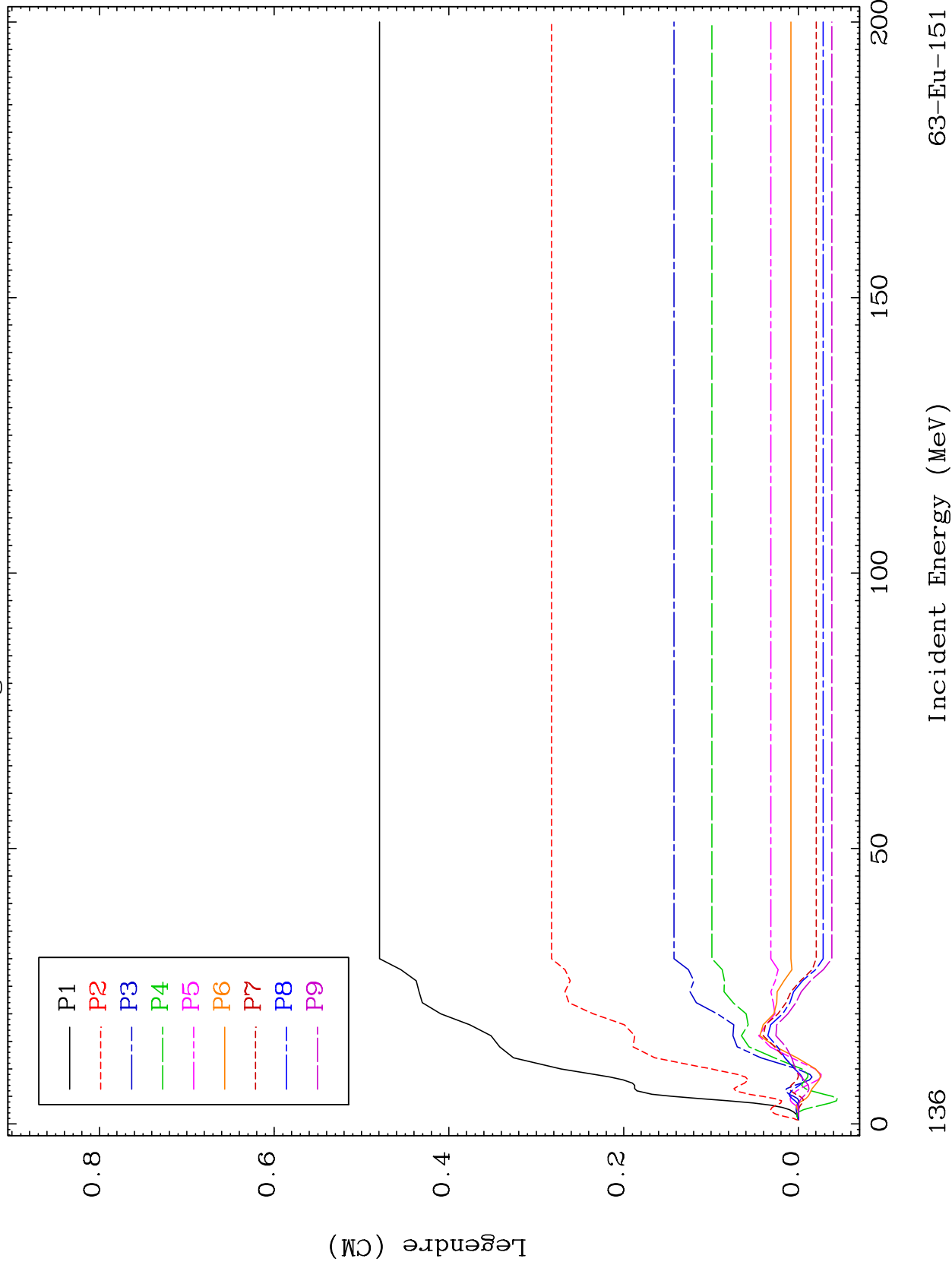




MAT 6325

697.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



136

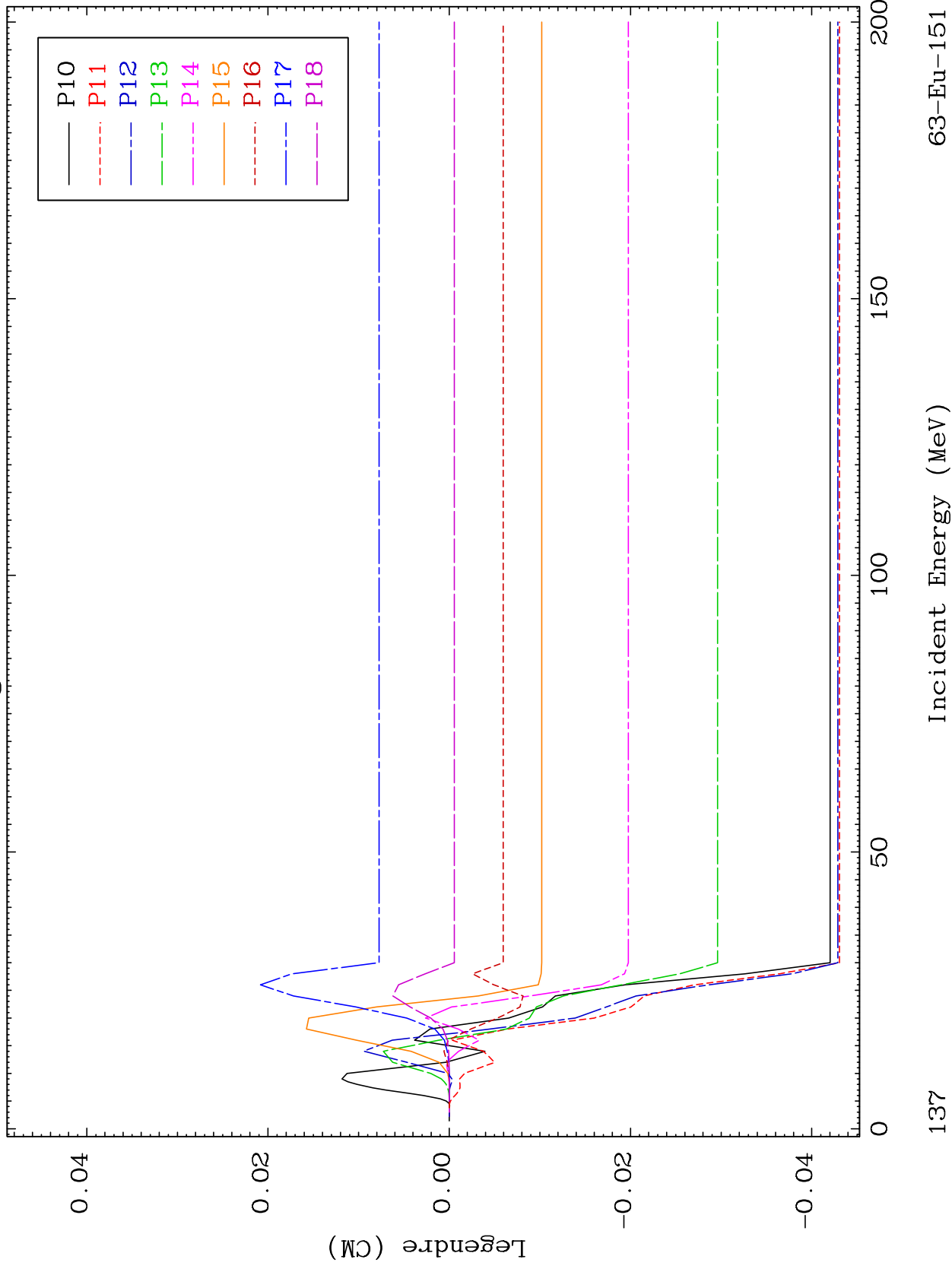
Incident Energy (MeV)

63-Eu-151

MAT 6325

697.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



137

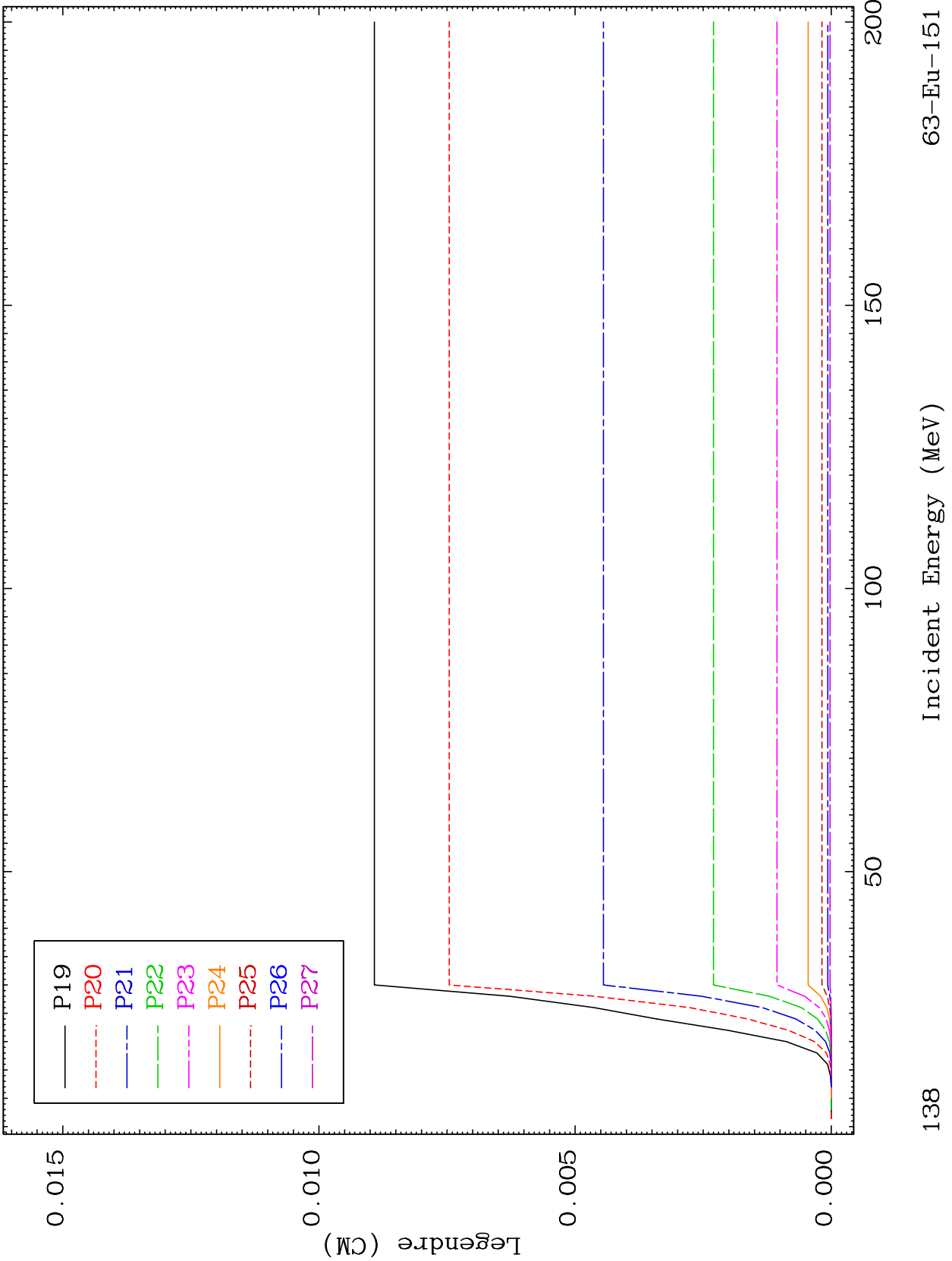
Incident Energy (MeV)

63-Eu-151

MAT 6325

697.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



138

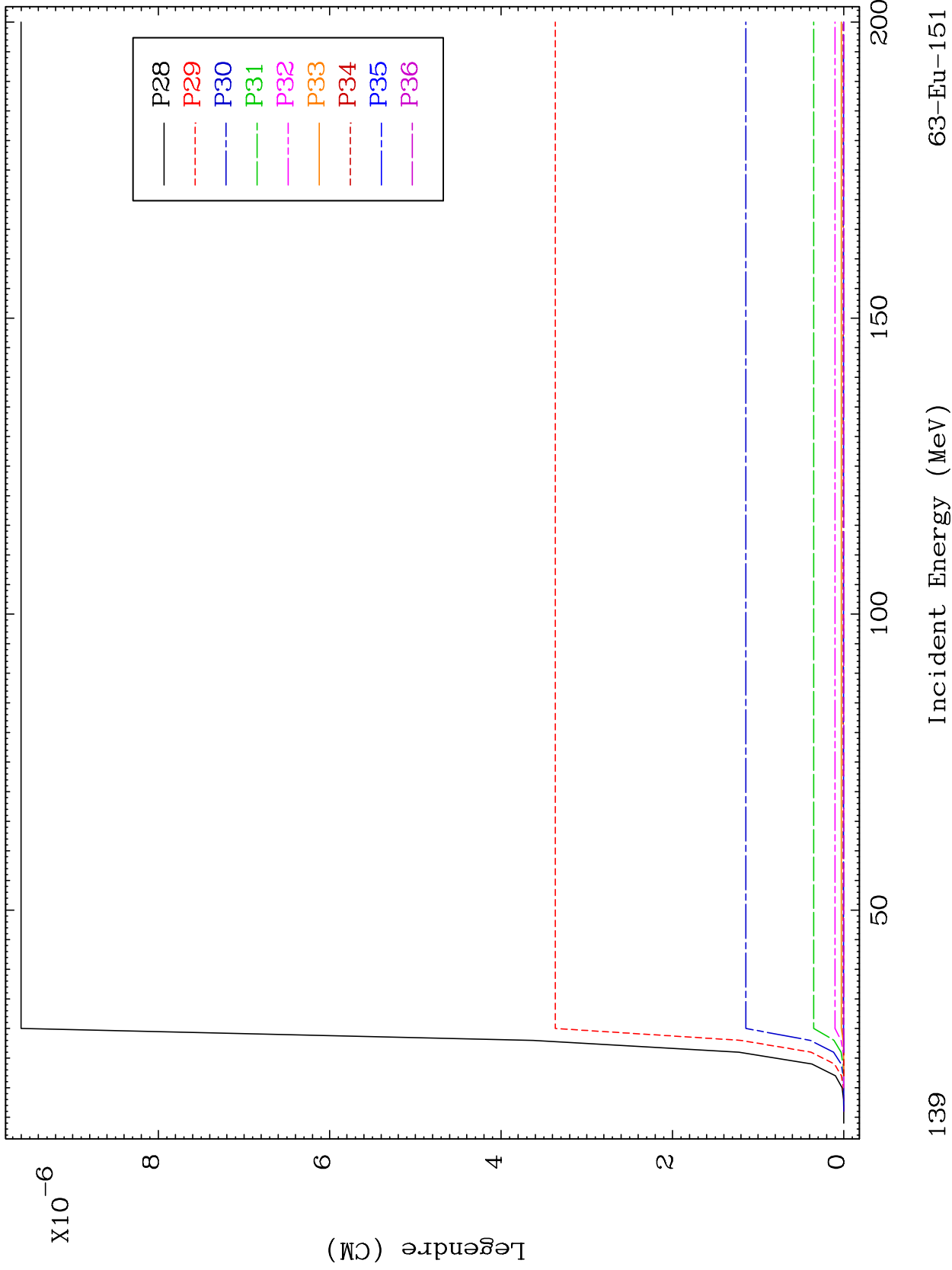
Incident Energy (MeV)

63-Eu-151

MAT 6325

697.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-151



139

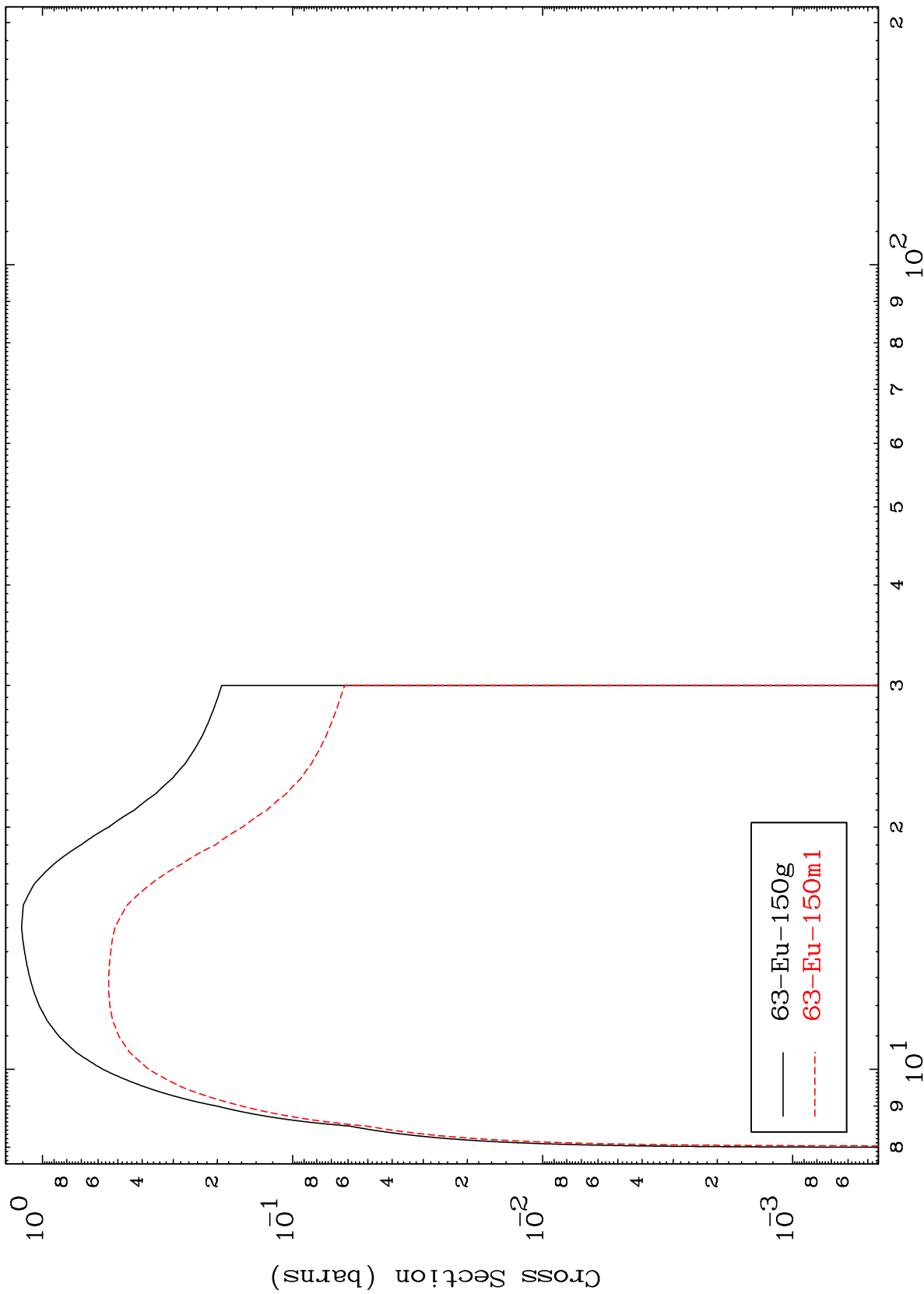
Incident Energy (MeV)

63-Eu-151

MAT 6325

63-Eu-151

(n,2n)  
Radionuclide Production Cross Section



63-Eu-151

Incident Energy (MeV)

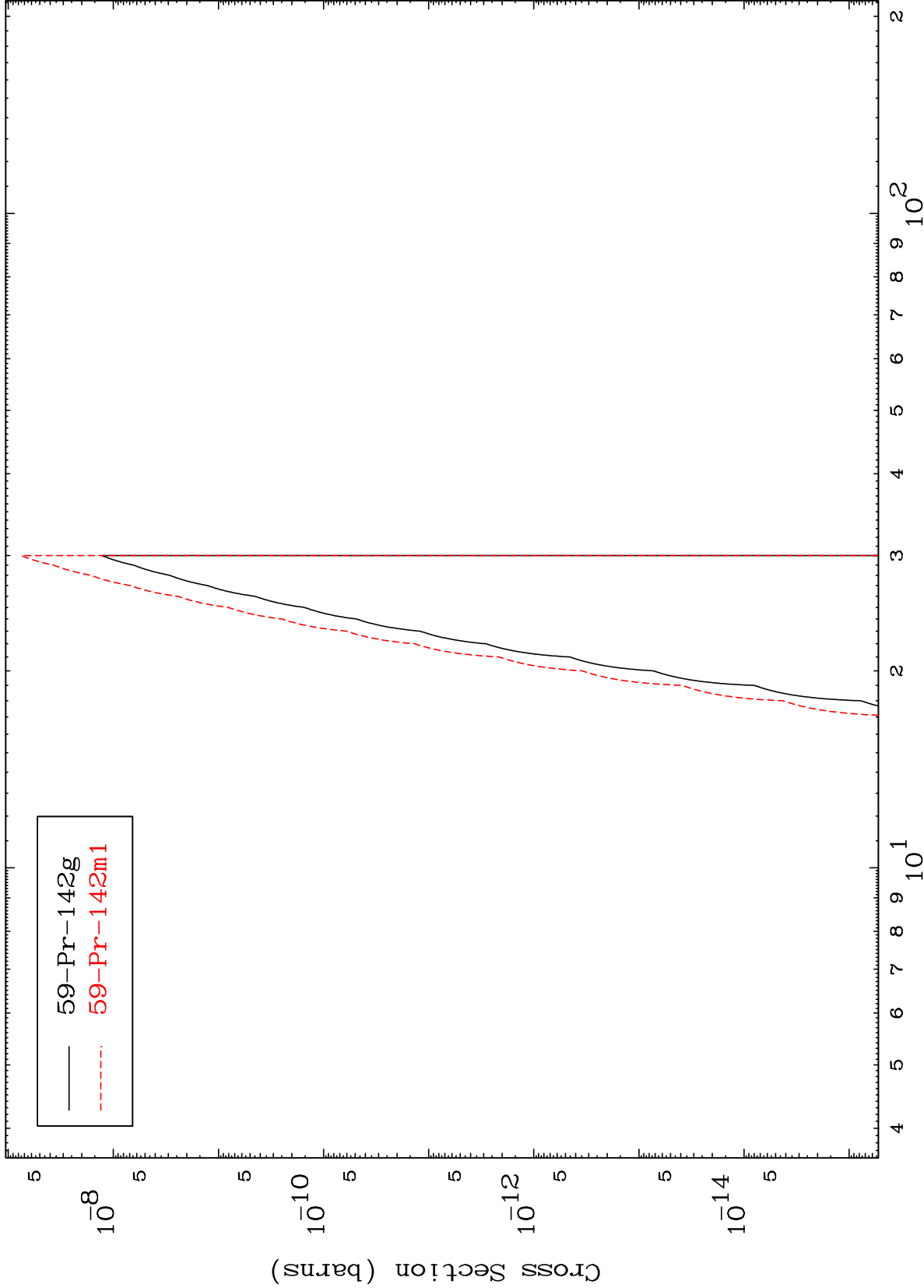
140

MAT 6325

$(n,2n) 2\alpha$

63-Eu-151

Radionuclide Production Cross Section

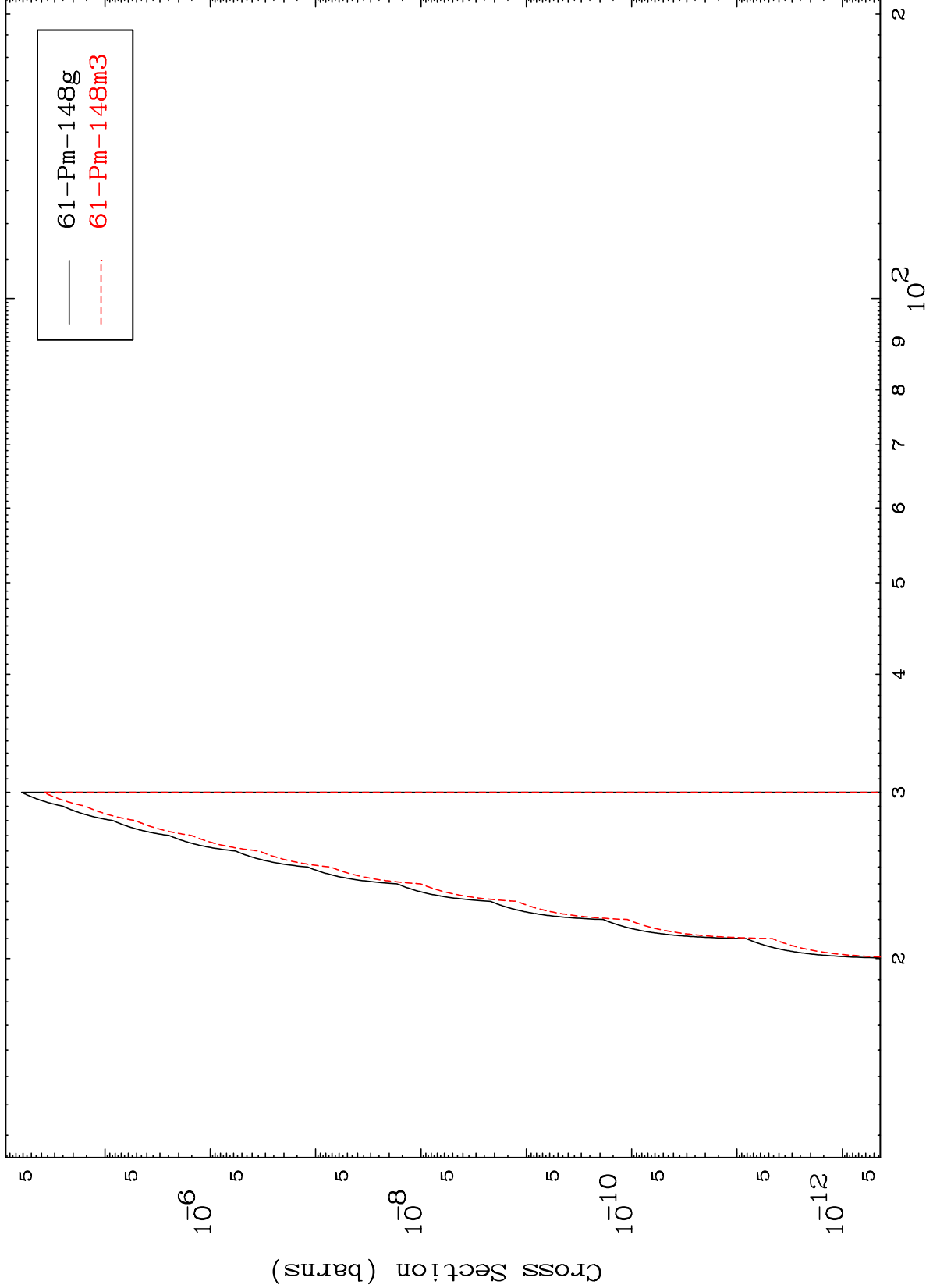


141

Incident Energy (MeV)

63-Eu-151

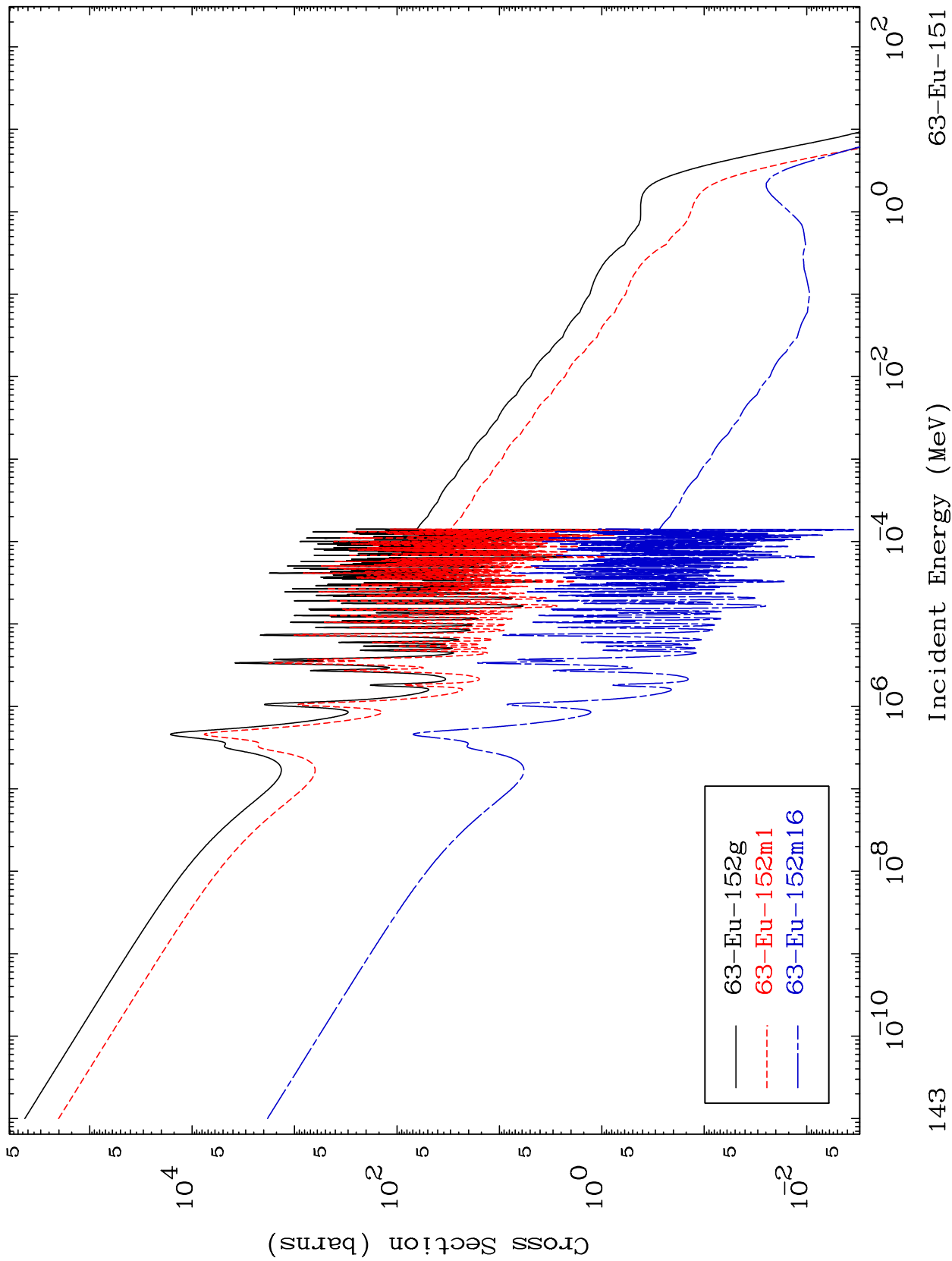
Radionuclide Production Cross Section



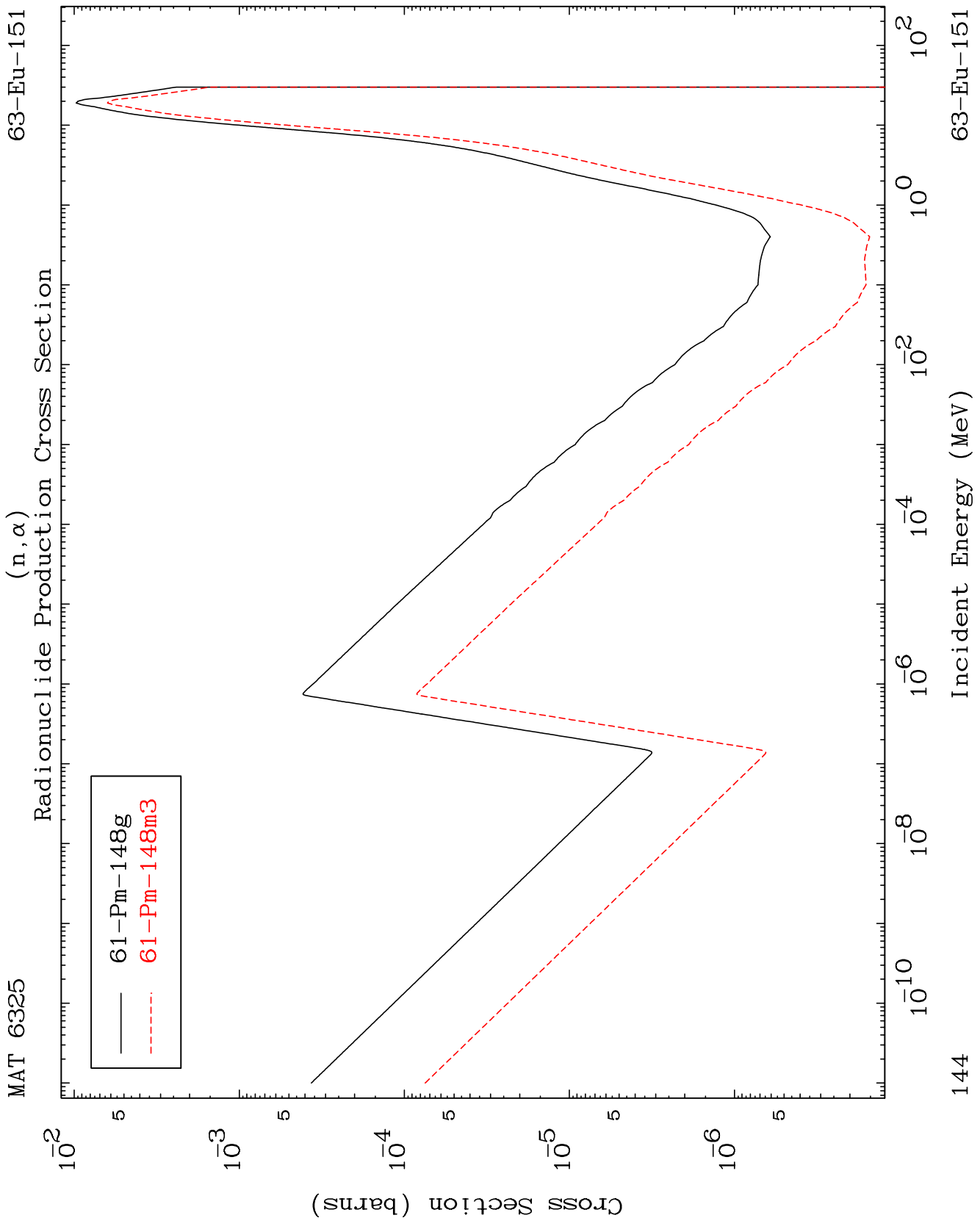
MAT 6325

63-Eu-151

$(n, \gamma)$   
Radionuclide Production Cross Section





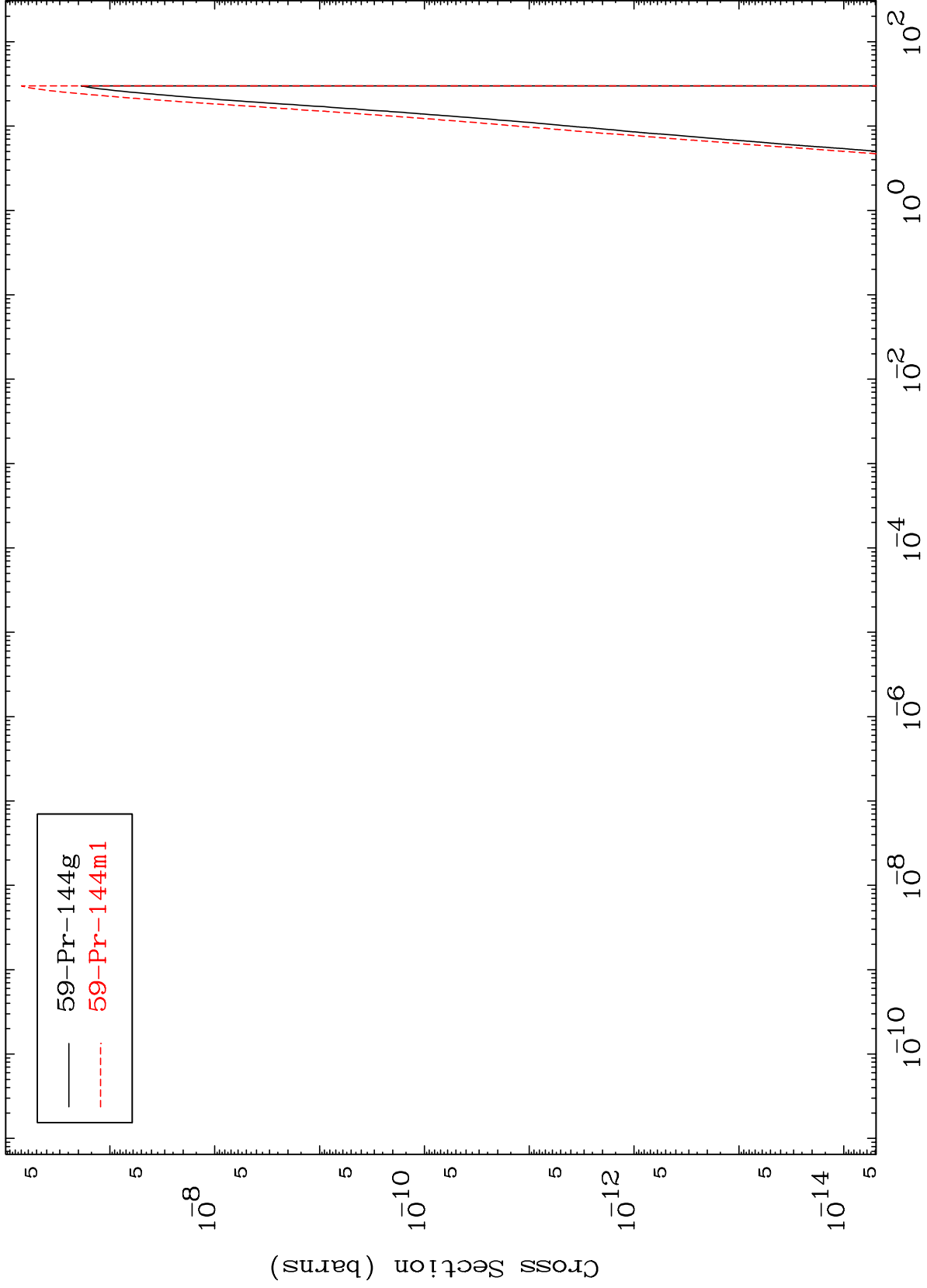


MAT 6325

(n,2α)

63-Eu-151

Radionuclide Production Cross Section



59-Pr-144g  
59-Pr-144m1

145

Incident Energy (MeV)

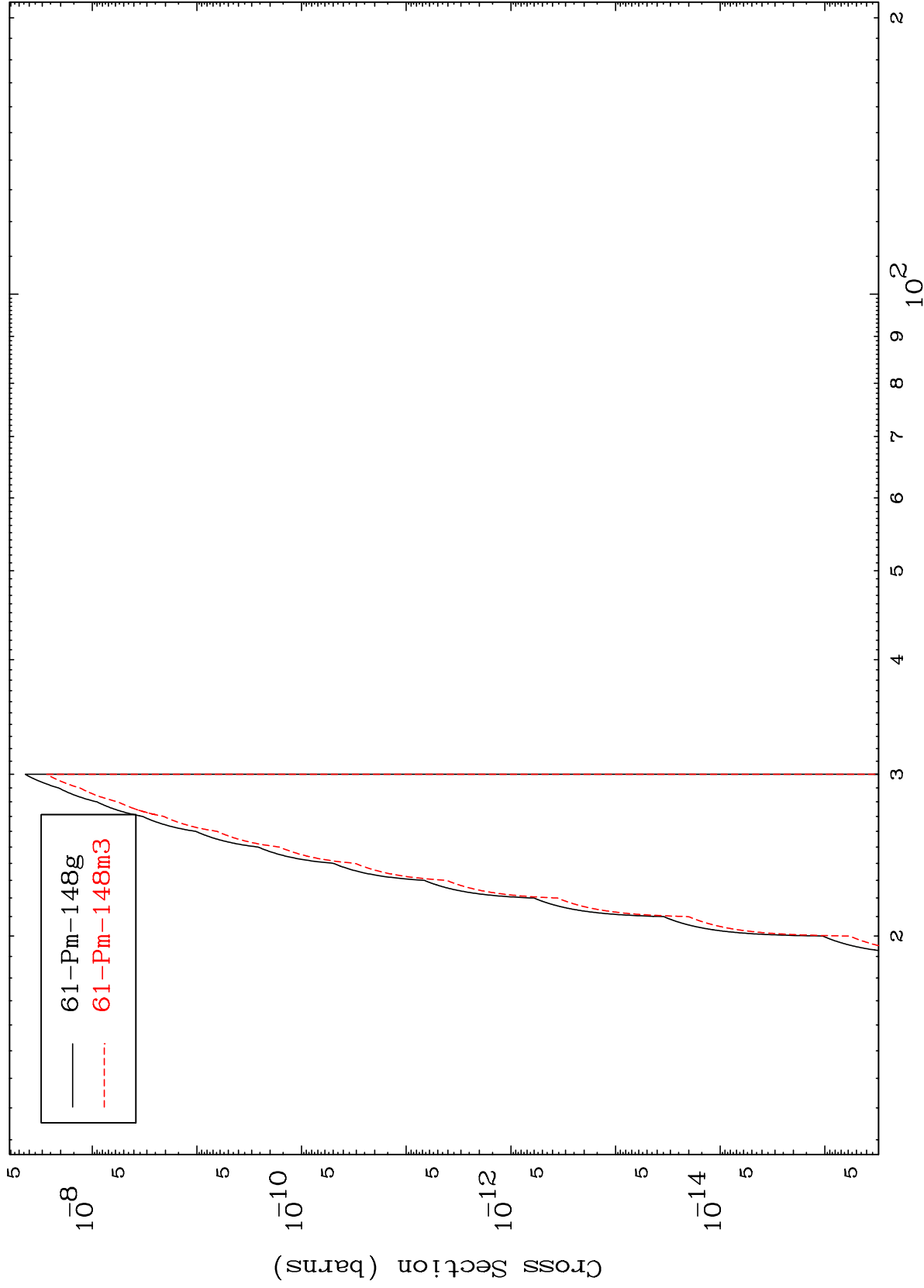
63-Eu-151

MAT 6325

(n,p) t

63-Eu-151

Radionuclide Production Cross Section



146

Incident Energy (MeV)

63-Eu-151