

Program EVALPLOT  
(Version 2018-1)

by

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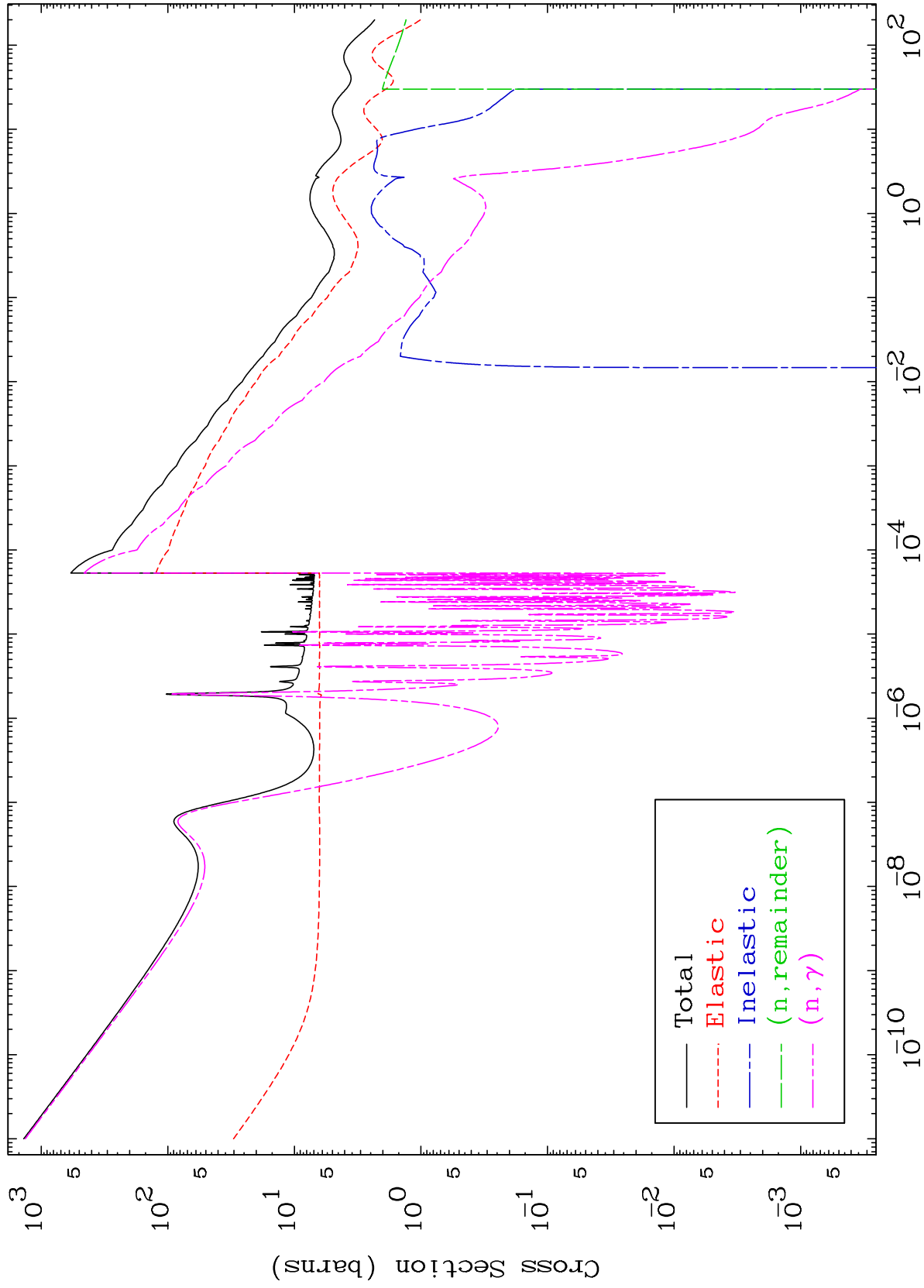
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6310

Major  
293 Kelvin Cross Sections

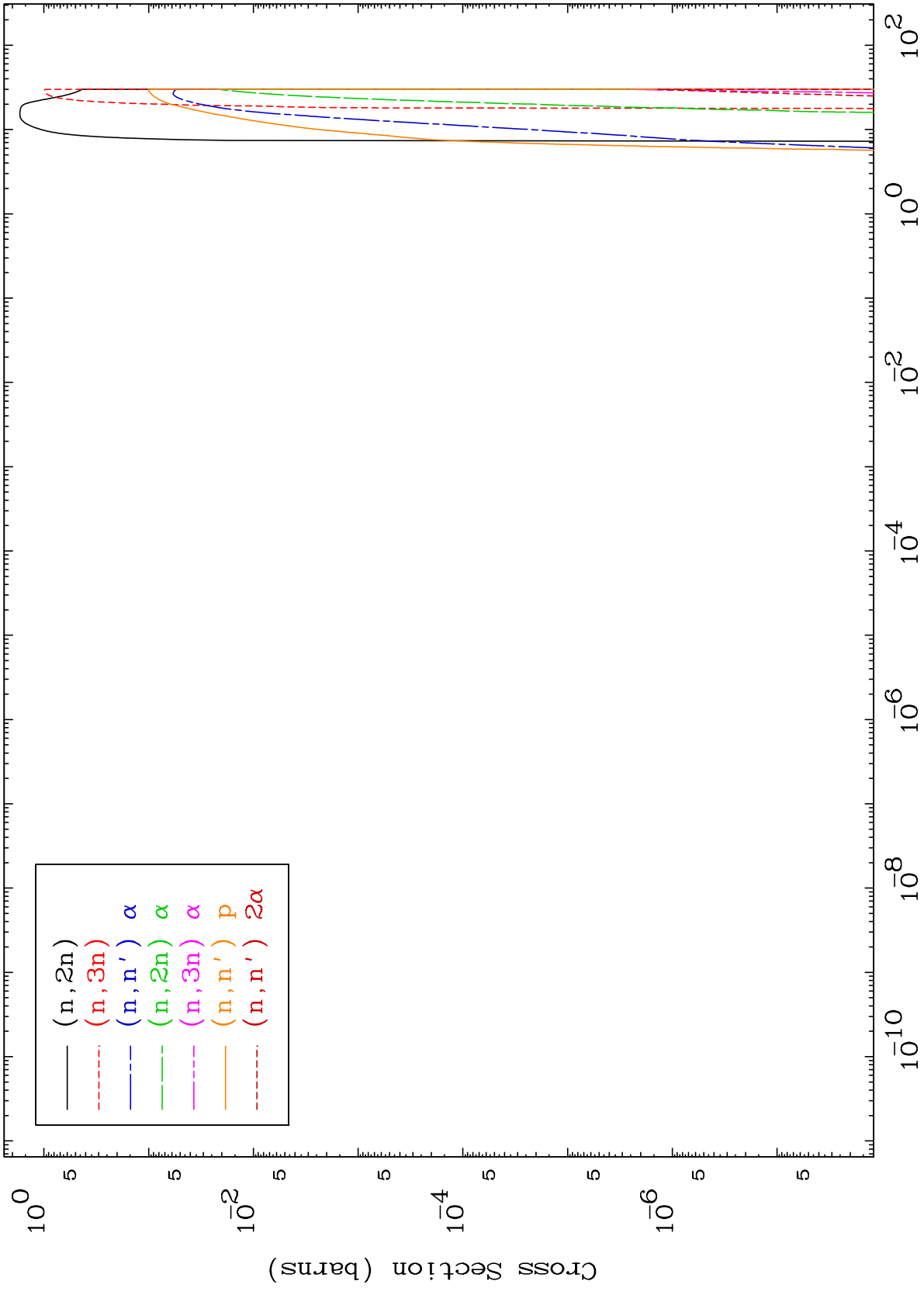
63-Eu-146



MAT 6310

Neutron Production  
293 Kelvin Cross Sections

63-Eu-146

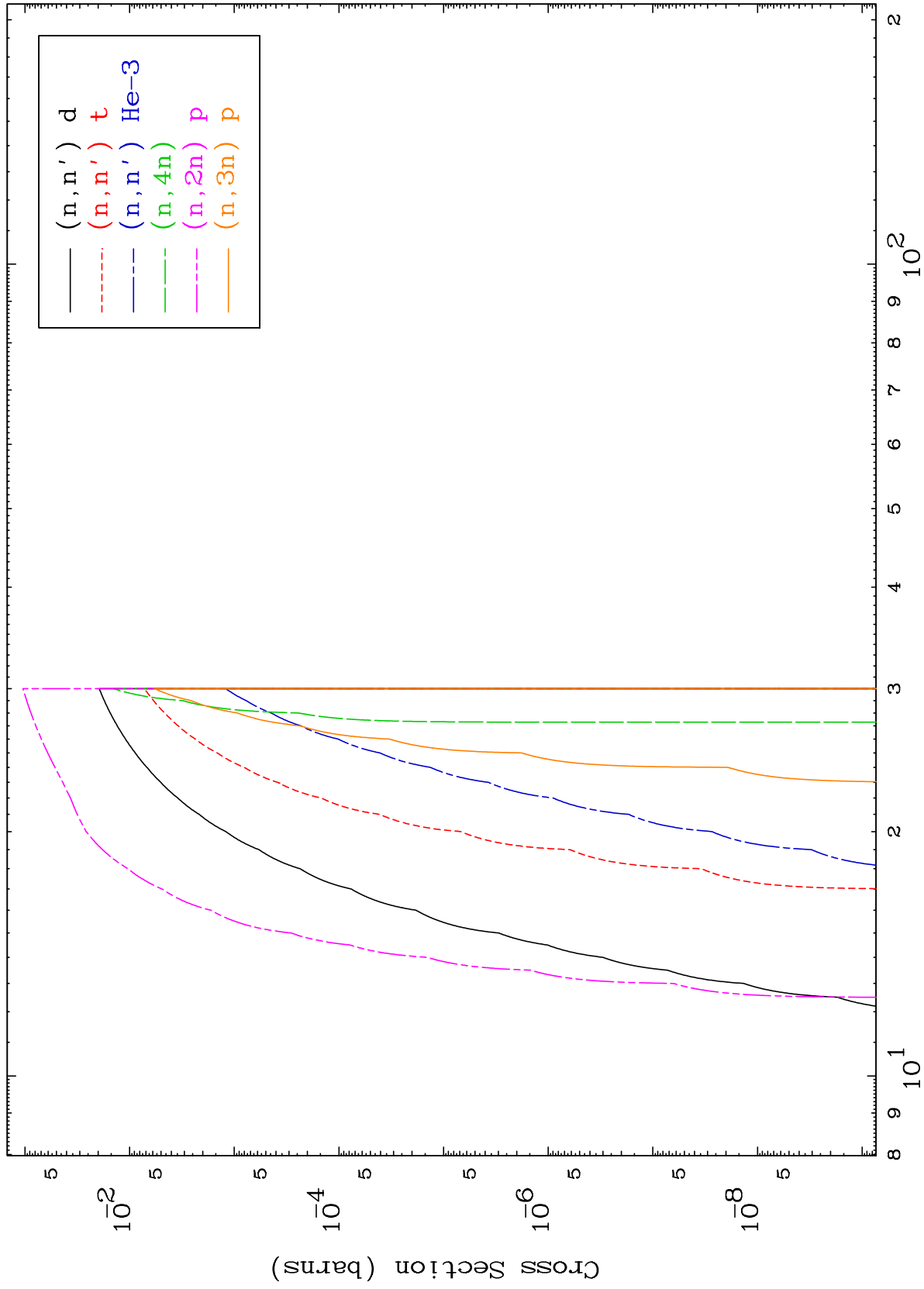


63-Eu-146

MAT 6310

### Neutron Production 293 Kelvin Cross Sections

63-Eu-146



3

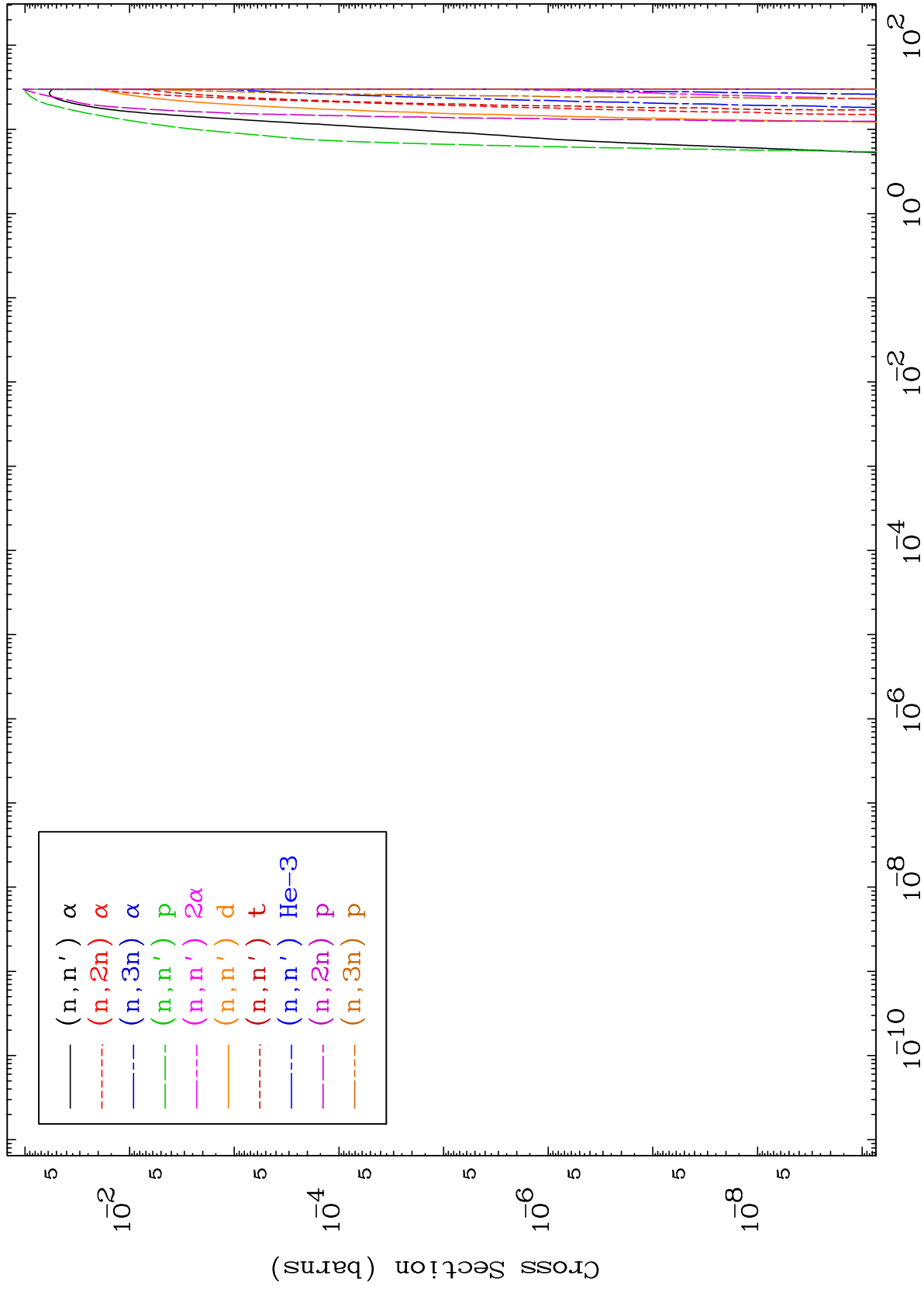
Incident Energy (MeV)

63-Eu-146

MAT 6310

293 Charged Particle  
Kelvin Cross Sections

63-Eu-146

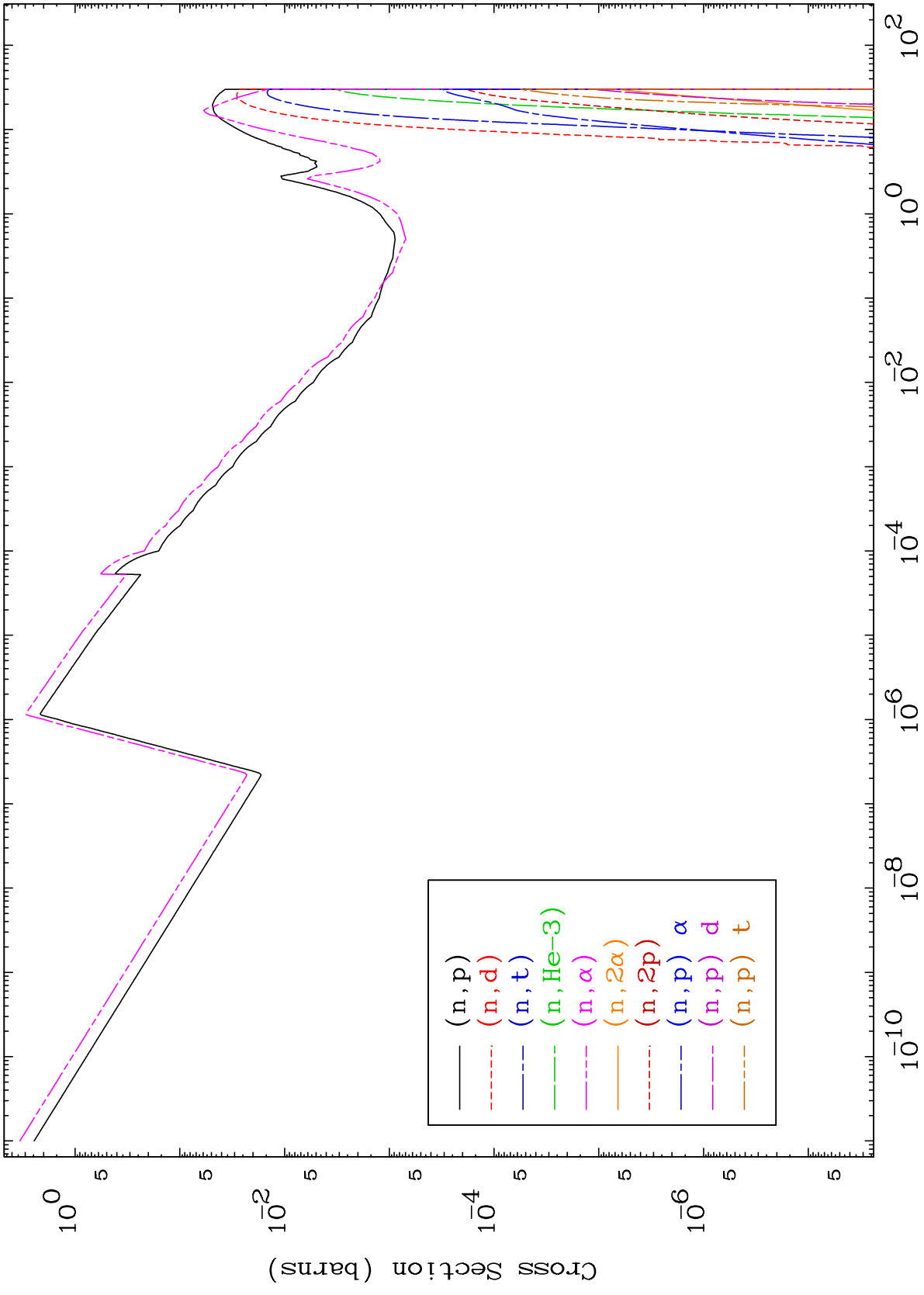


63-Eu-146

MAT 6310

Charged Particle  
293 Kelvin Cross Sections

63-Eu-146

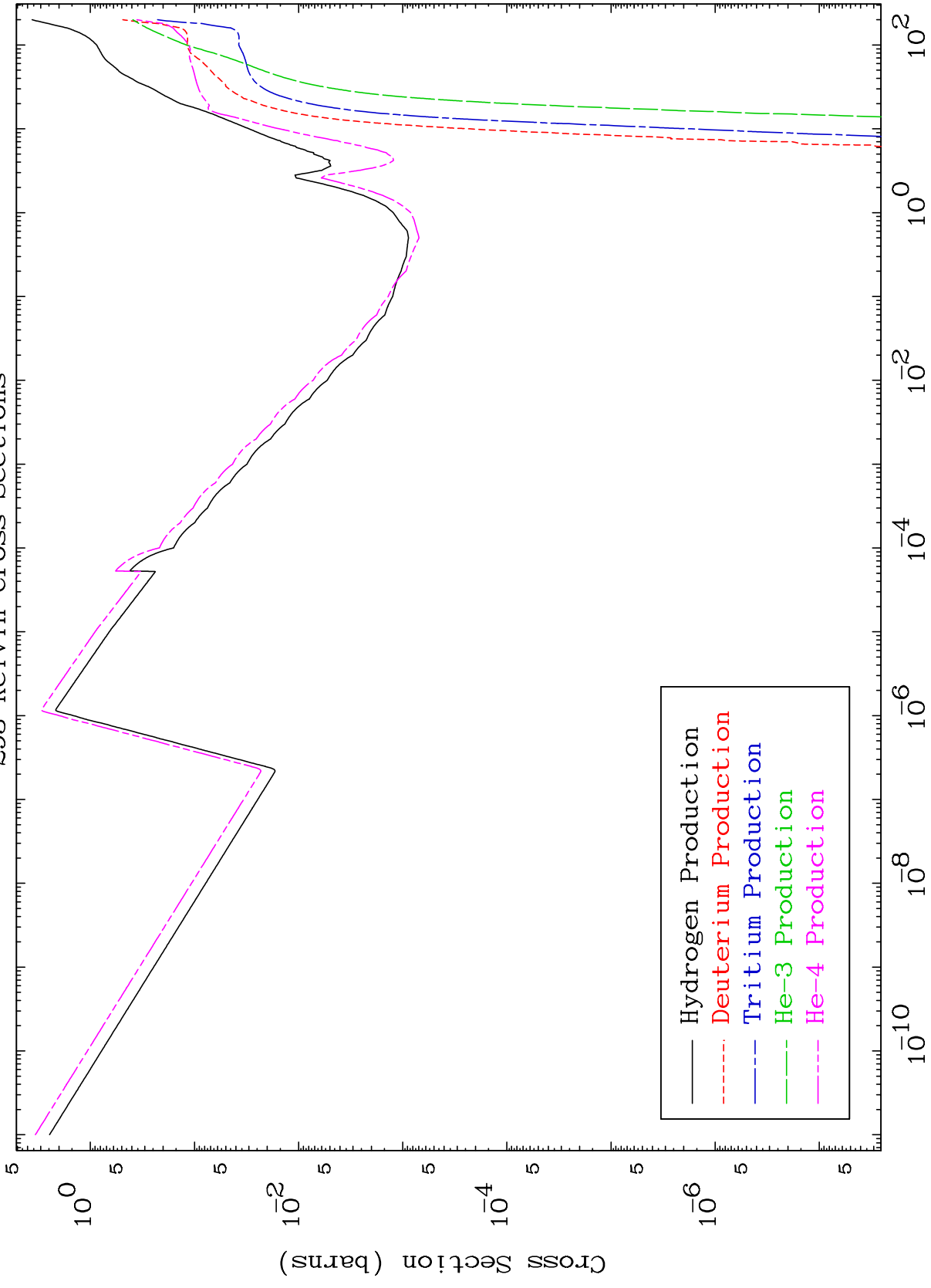


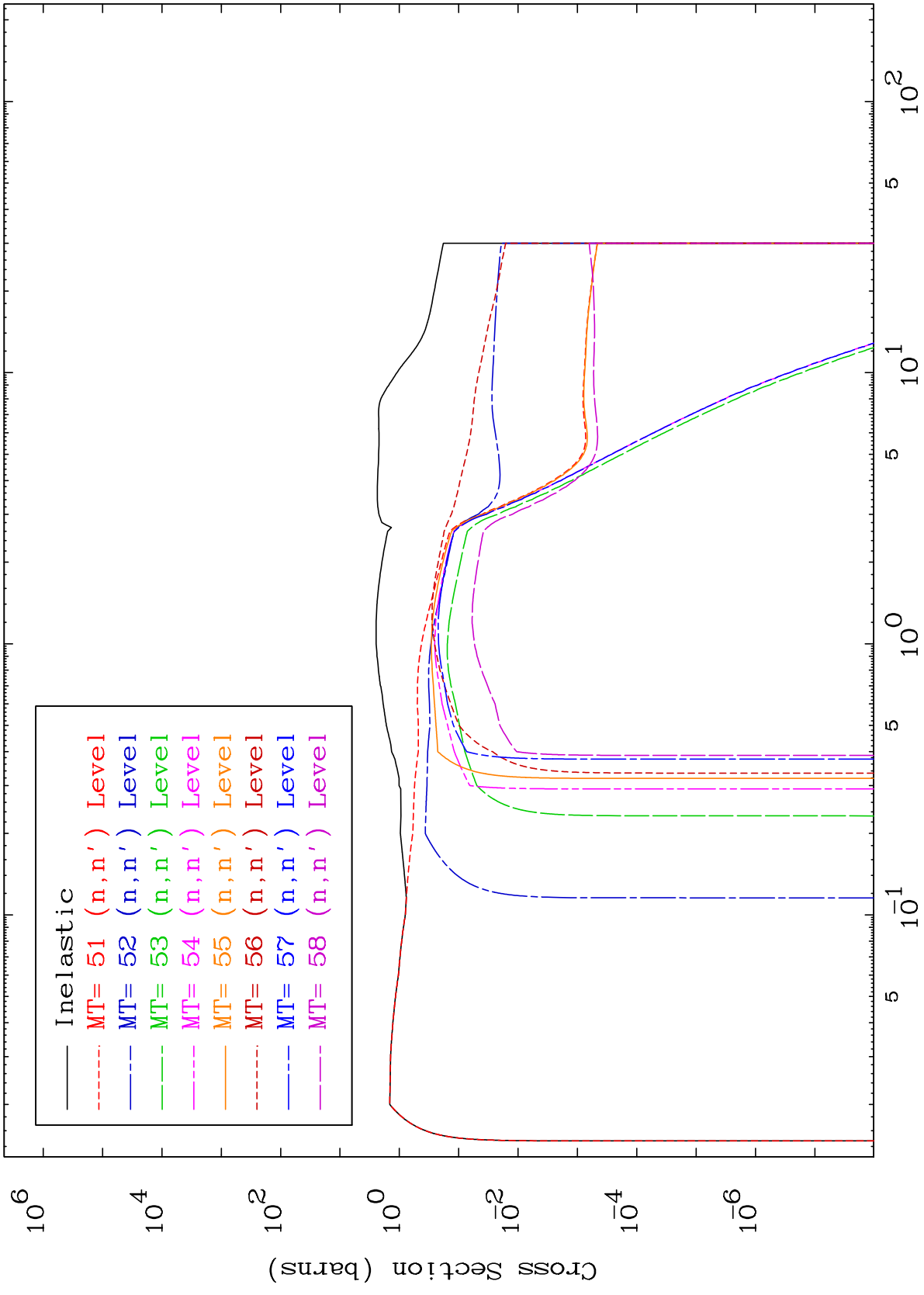
63-Eu-146

MAT 6310

Particle Production  
293 Kelvin Cross Sections

63-Eu-146





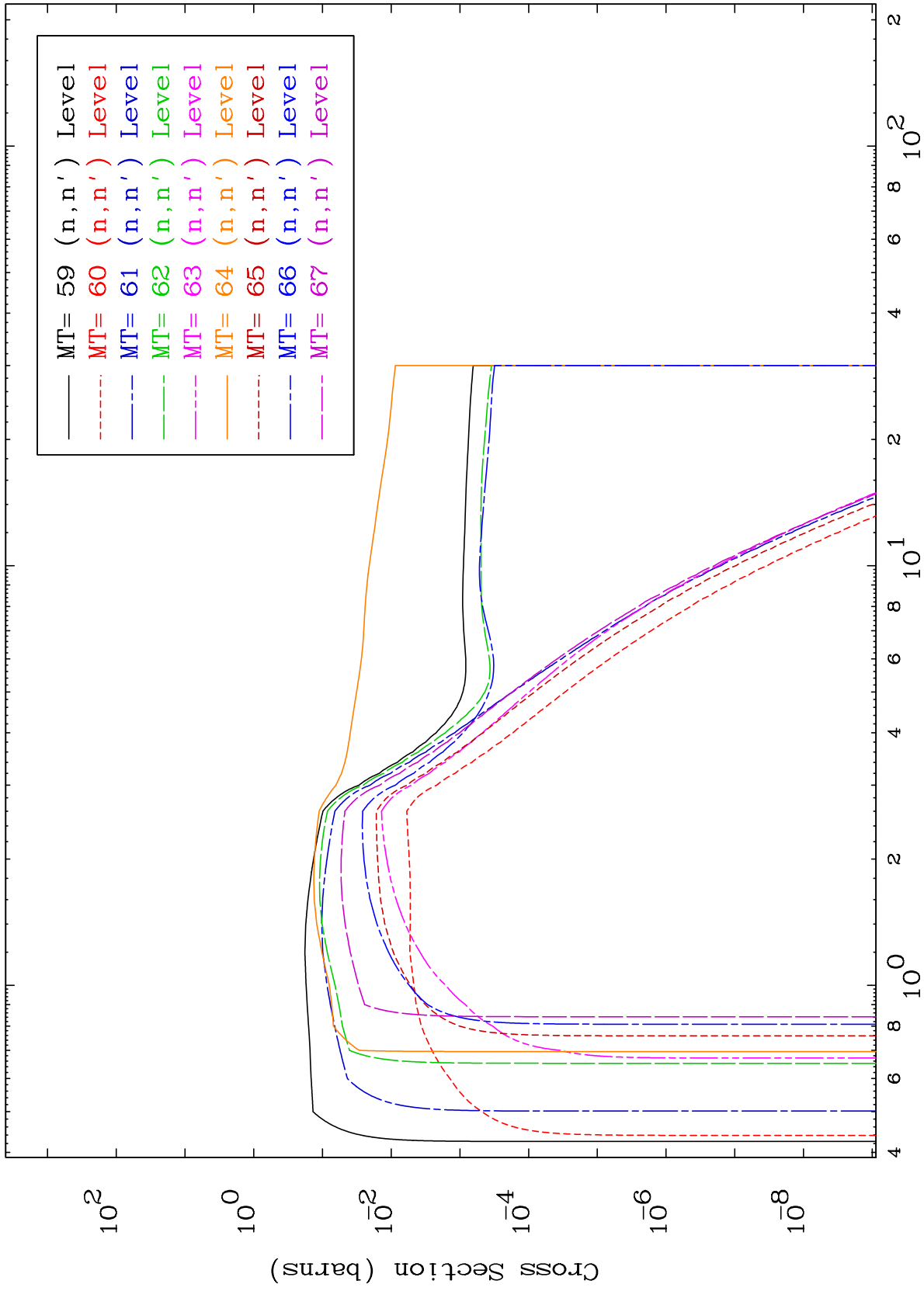


MAT 6310

(n,n') Level

63-Eu-146

293 Kelvin Cross Sections



8

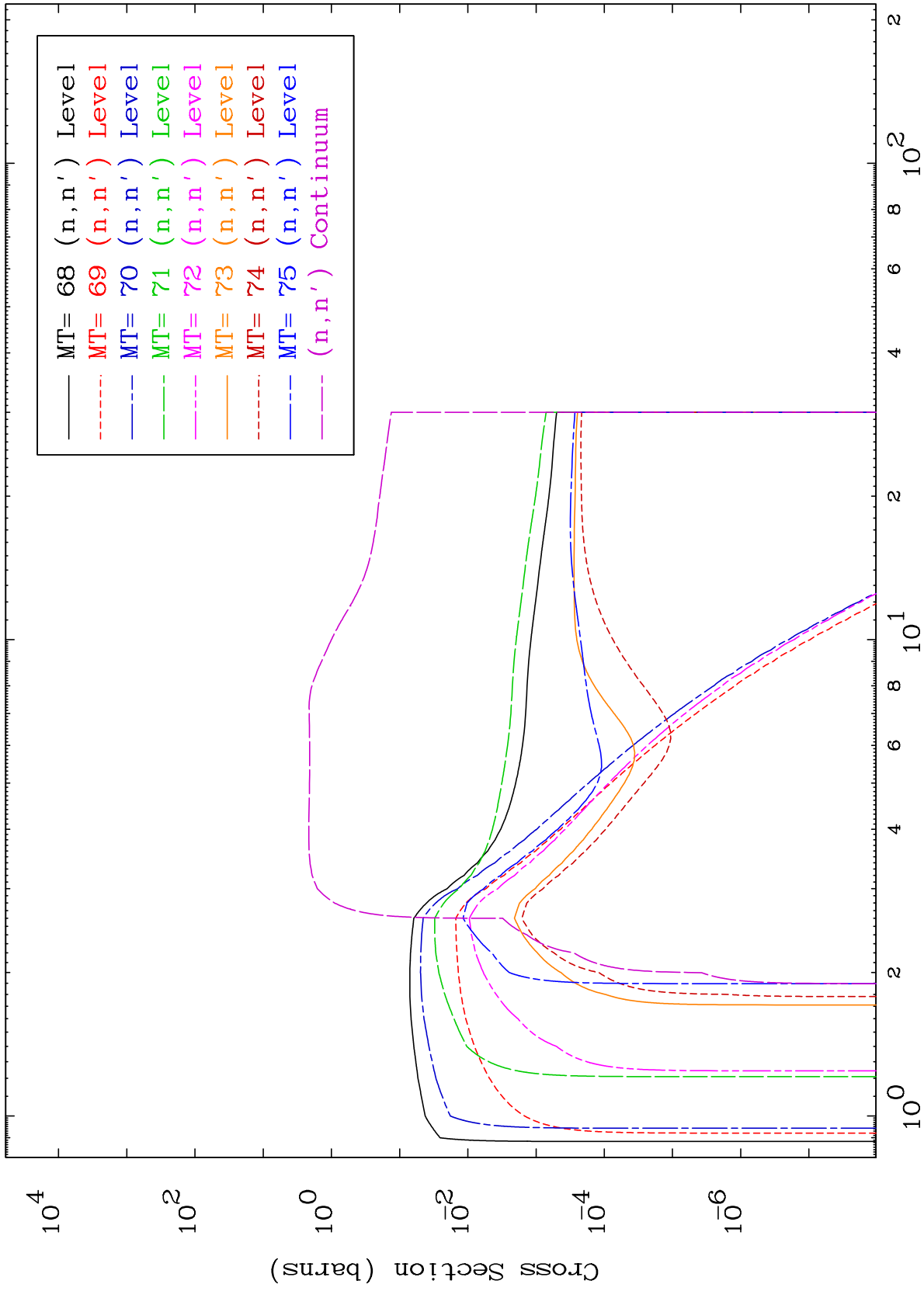
Incident Energy (MeV)

63-Eu-146

MAT 6310

(n,n') Level  
293 Kelvin Cross Sections

63-Eu-146



9

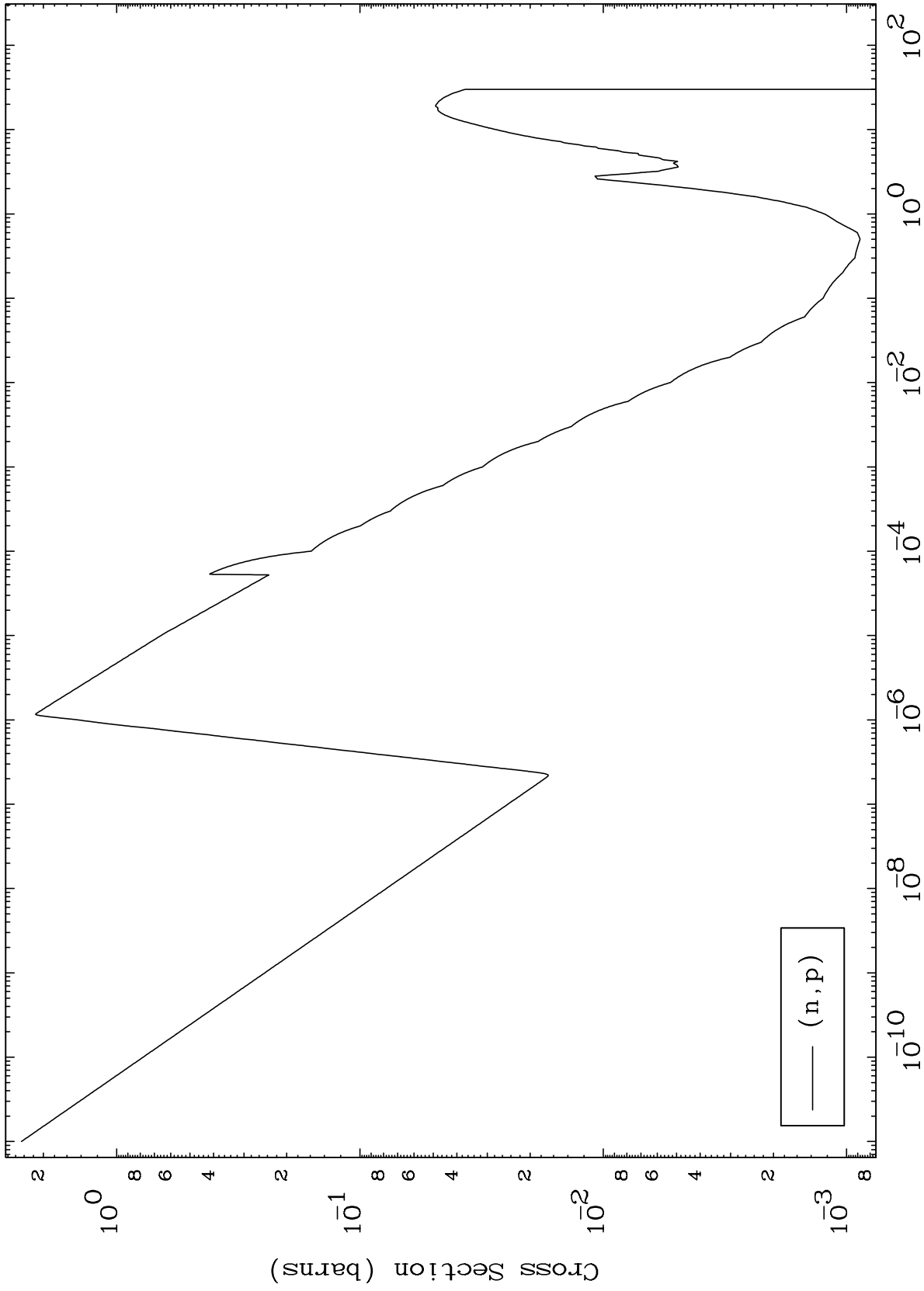
Incident Energy (MeV)

63-Eu-146

MAT 6310

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-146



10

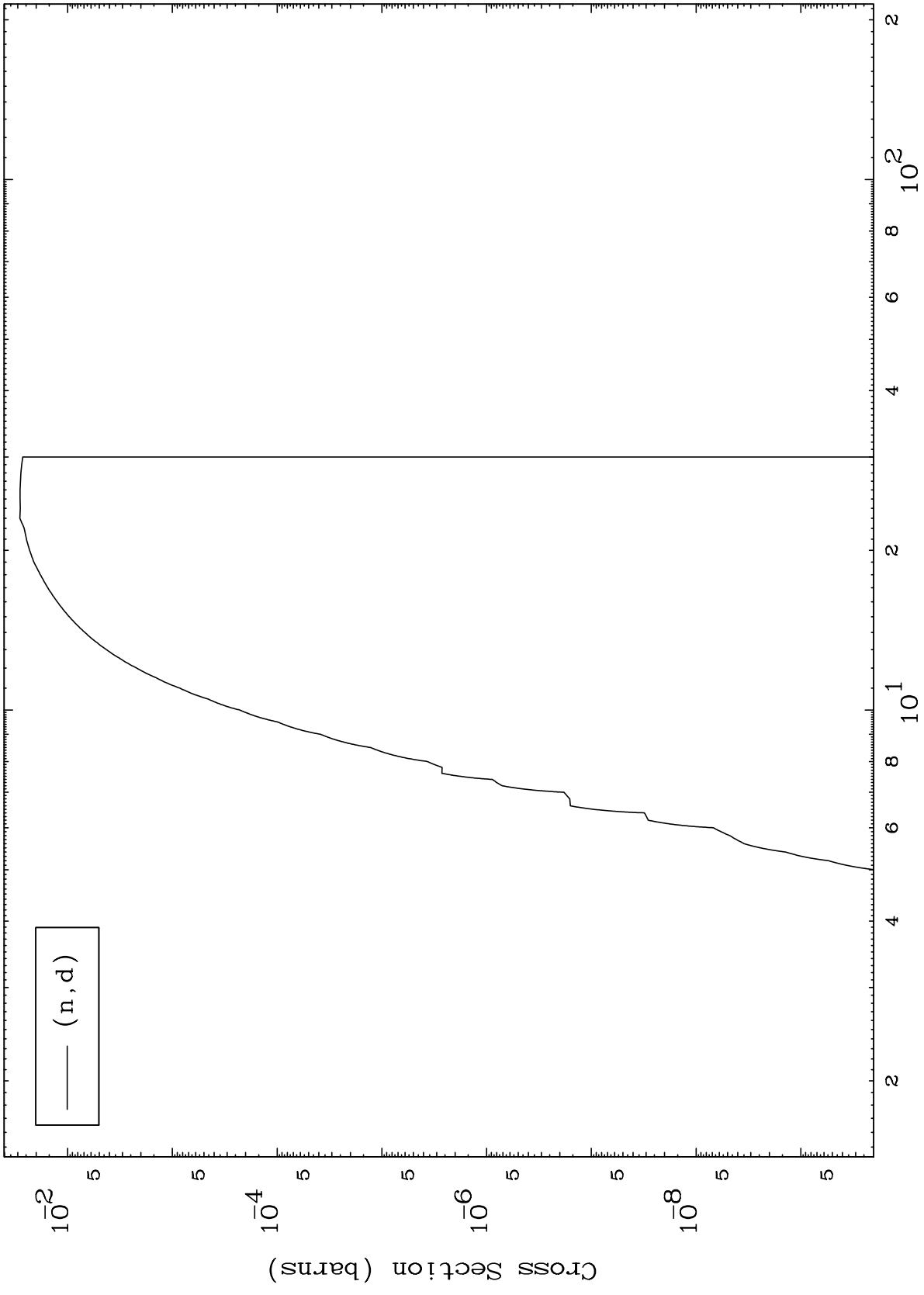
Incident Energy (MeV)

63-Eu-146

MAT 6310

(n,d) Levels  
293 Kelvin Cross Sections

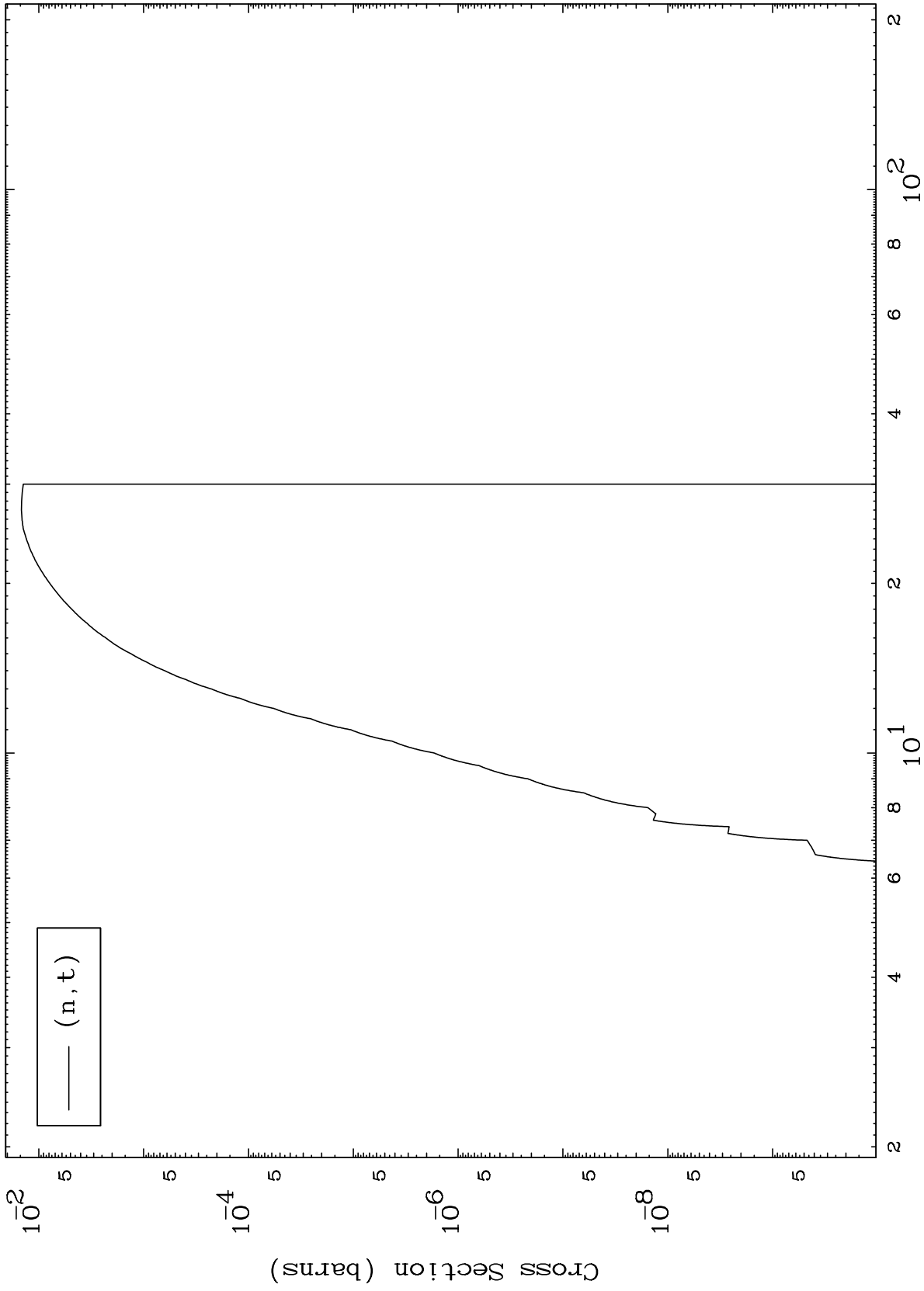
63-Eu-146



MAT 6310

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-146



12

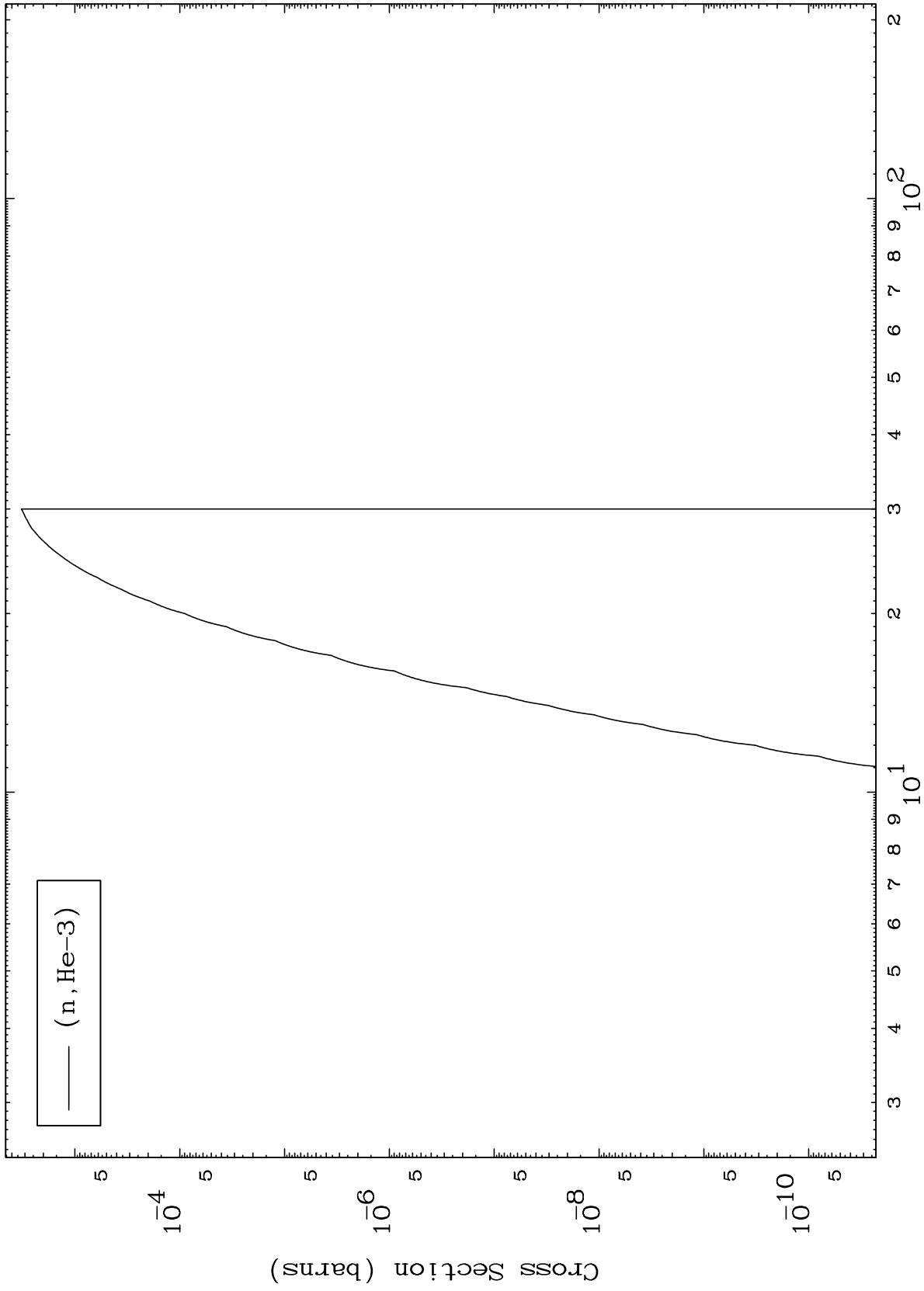
Incident Energy (MeV)

63-Eu-146

MAT 6310

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-146



13

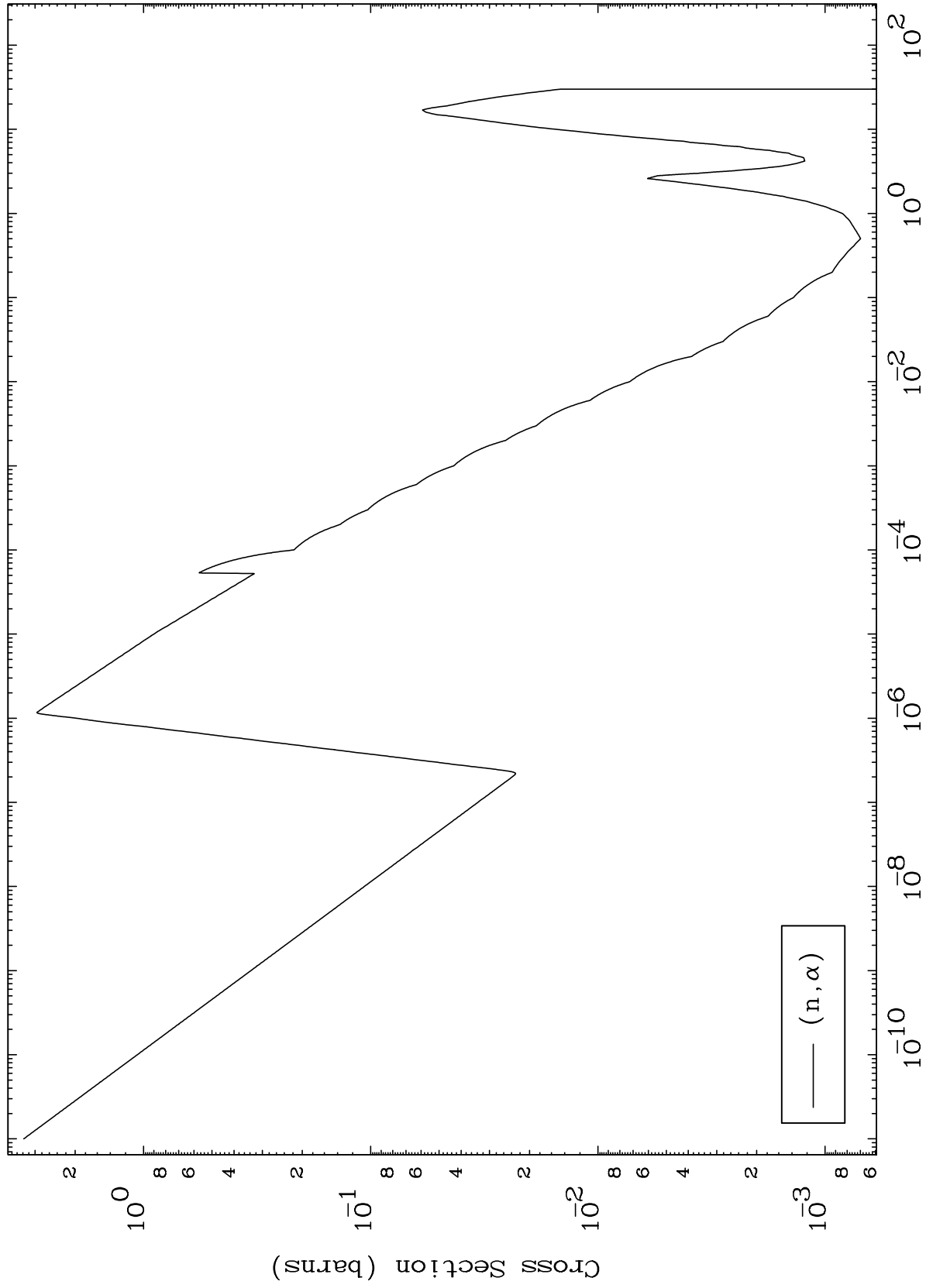
Incident Energy (MeV)

63-Eu-146

MAT 6310

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

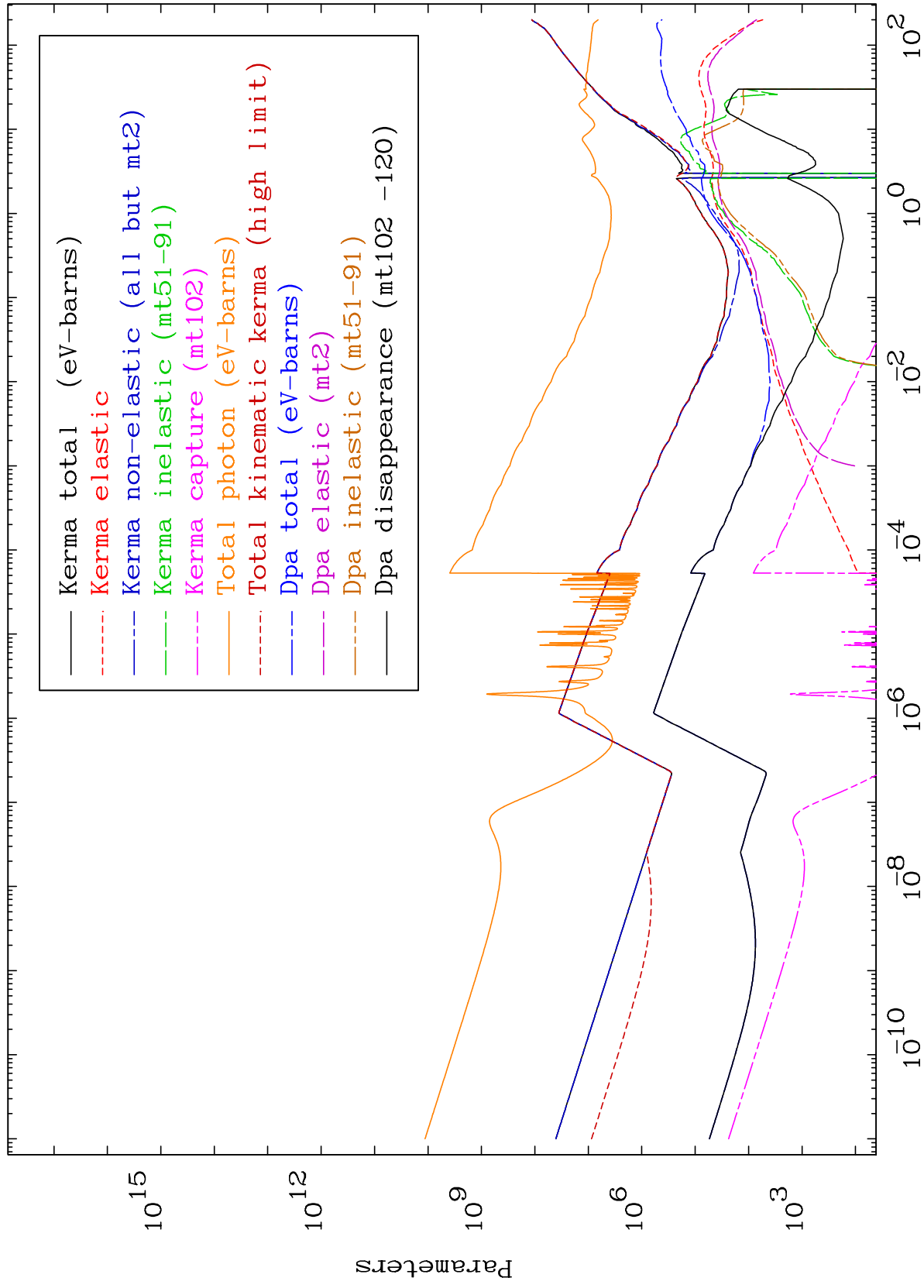
63-Eu-146



14

Incident Energy (MeV)

63-Eu-146

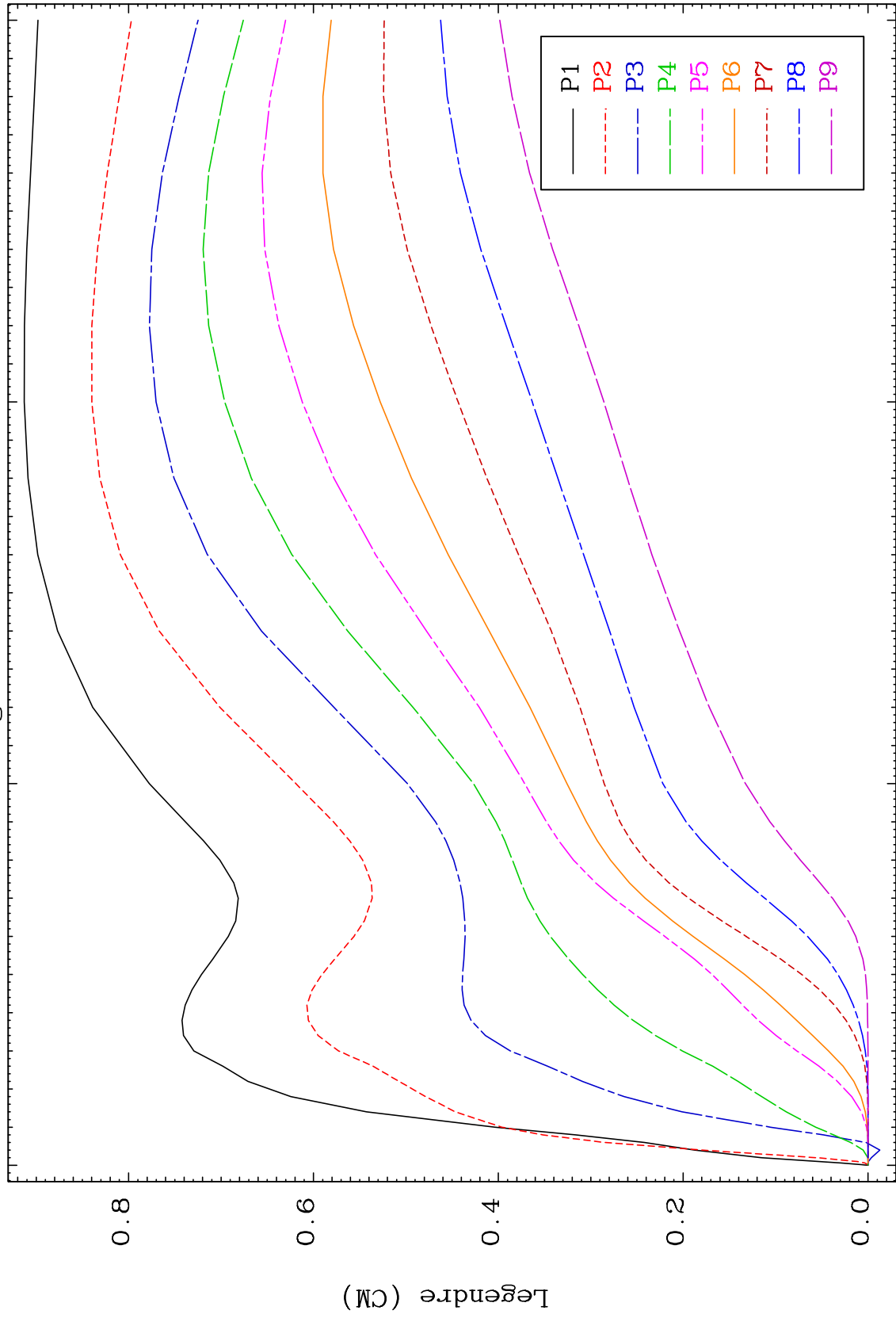




MAT 6310

Elastic Legendre Coefficients

63-Eu-146



16

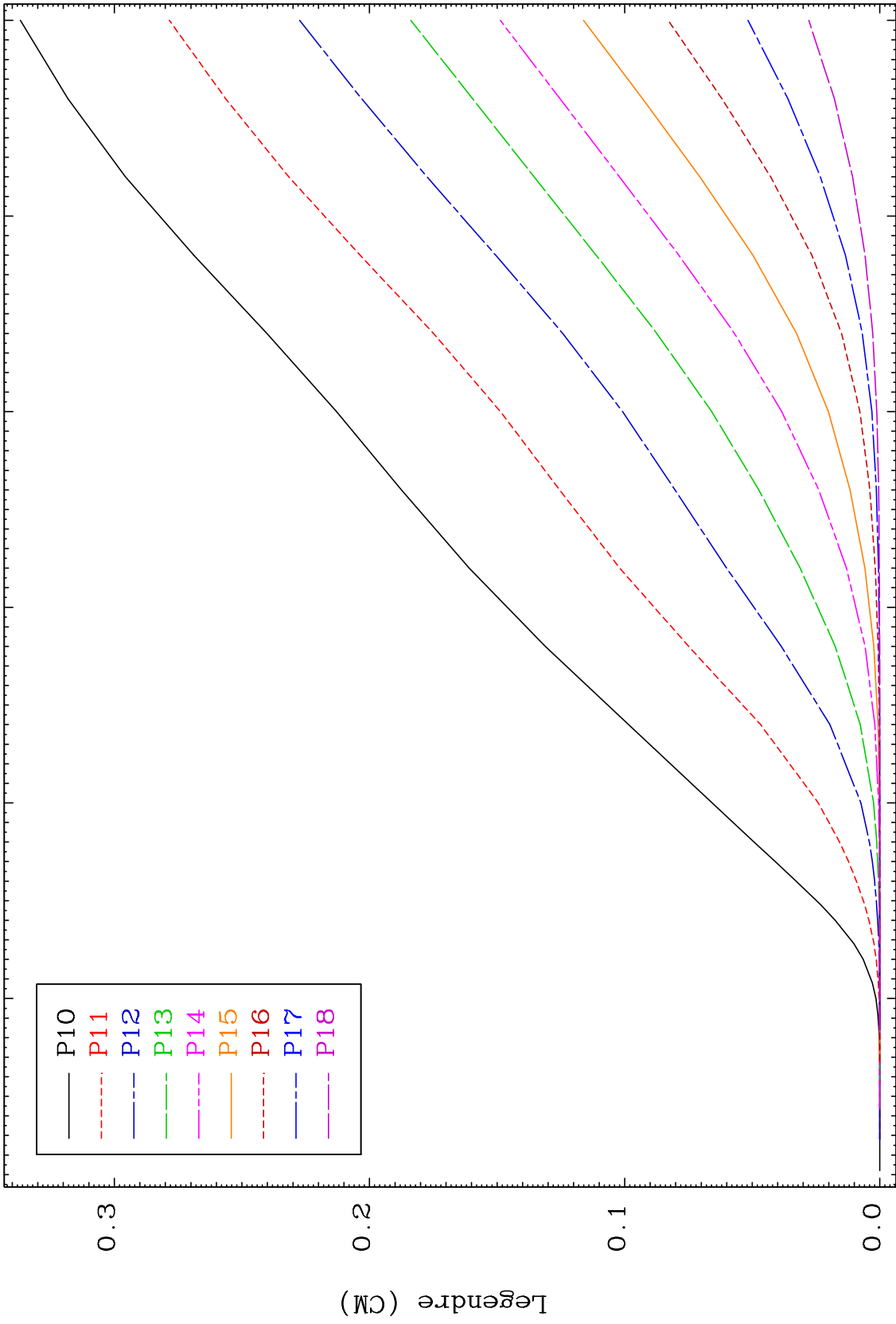
Incident Energy (MeV)

63-Eu-146

MAT 6310

Elastic Legendre Coefficients

63-Eu-146



17

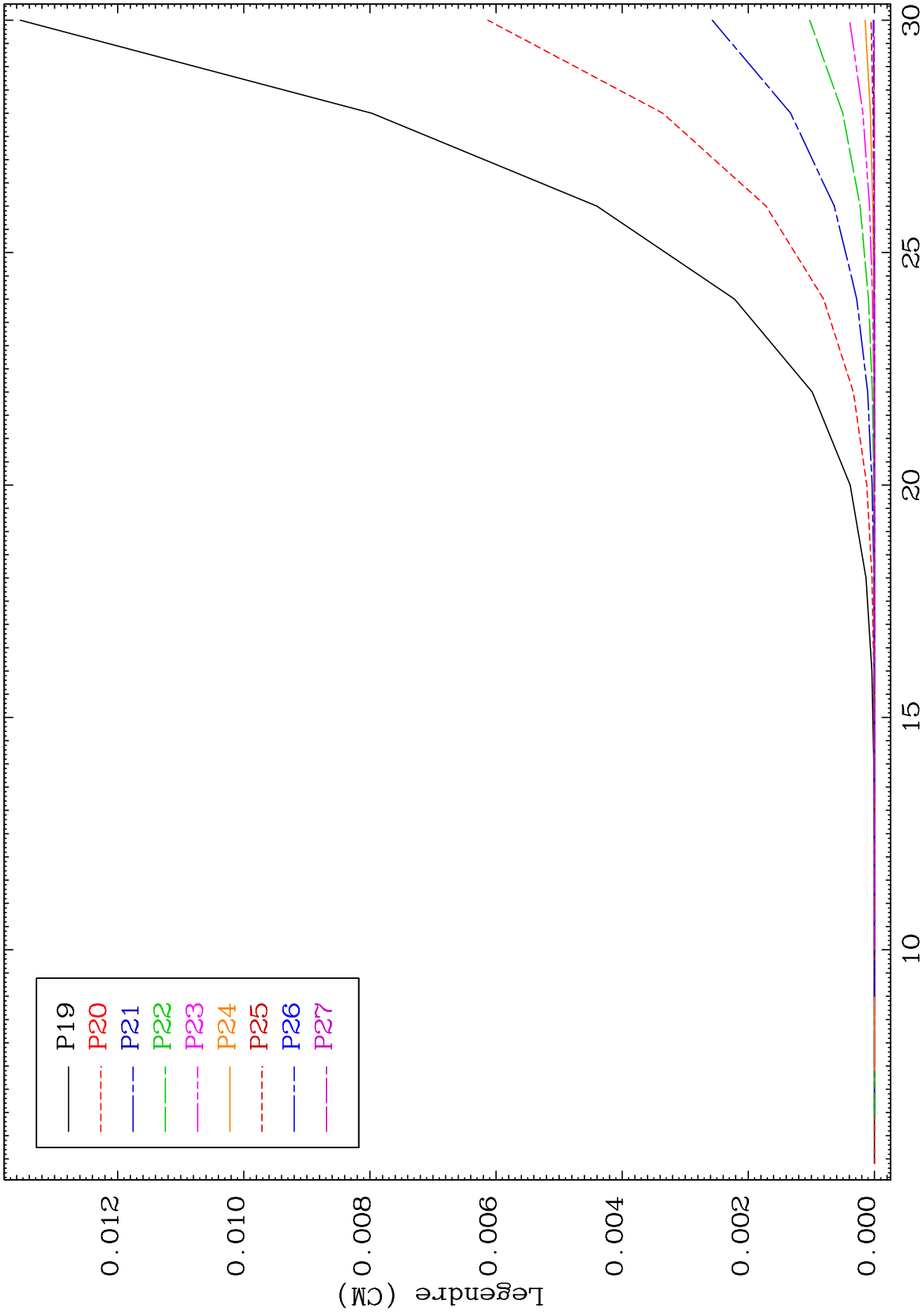
Incident Energy (MeV)

63-Eu-146

MAT 6310

### Elastic Legendre Coefficients

63-Eu-146



18

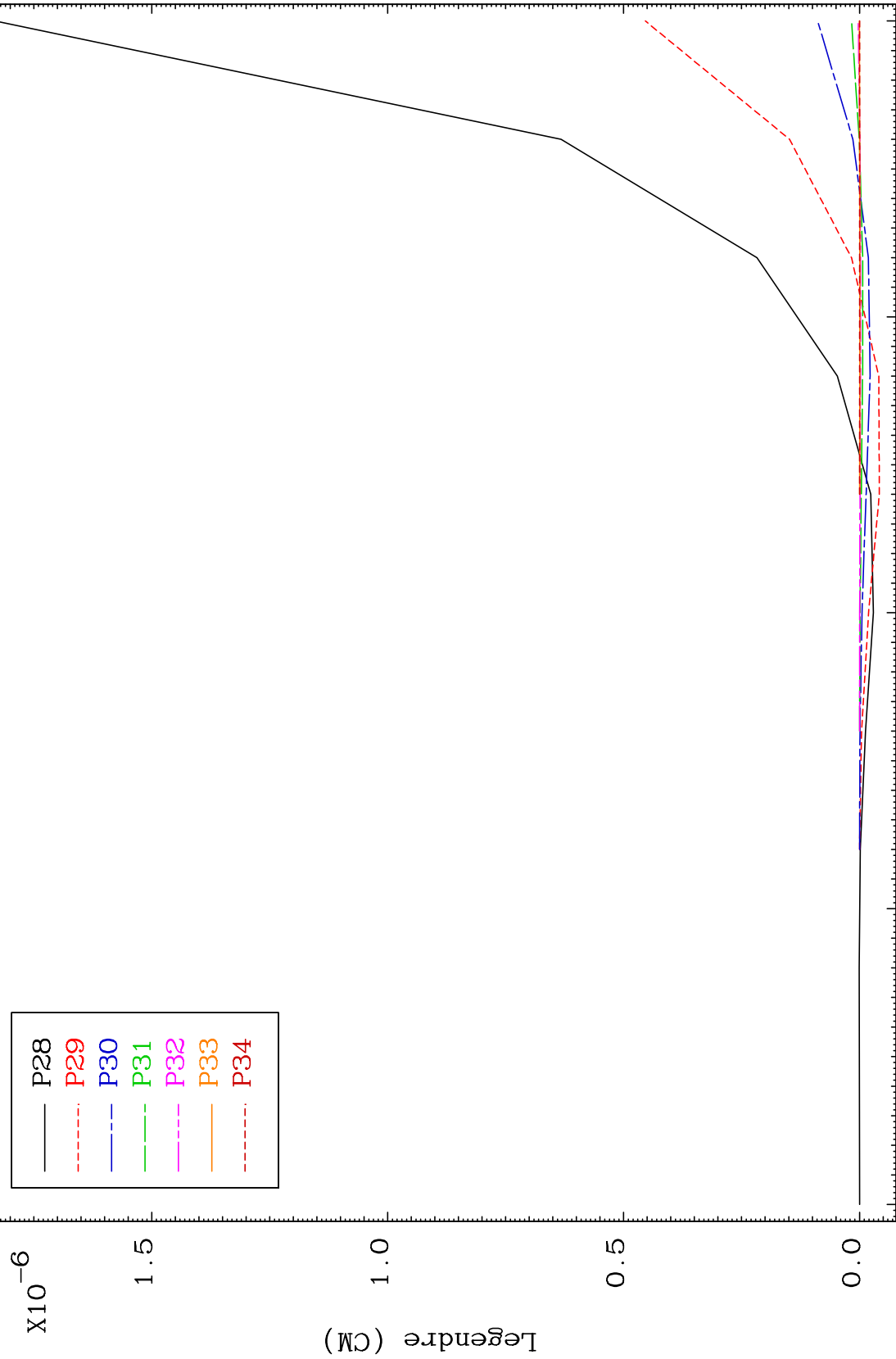
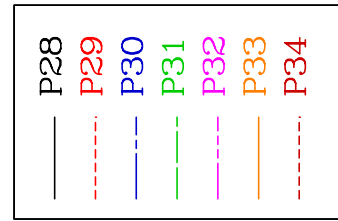
Incident Energy (MeV)

63-Eu-146

MAT 6310

Elastic Legendre Coefficients

63-Eu-146



19

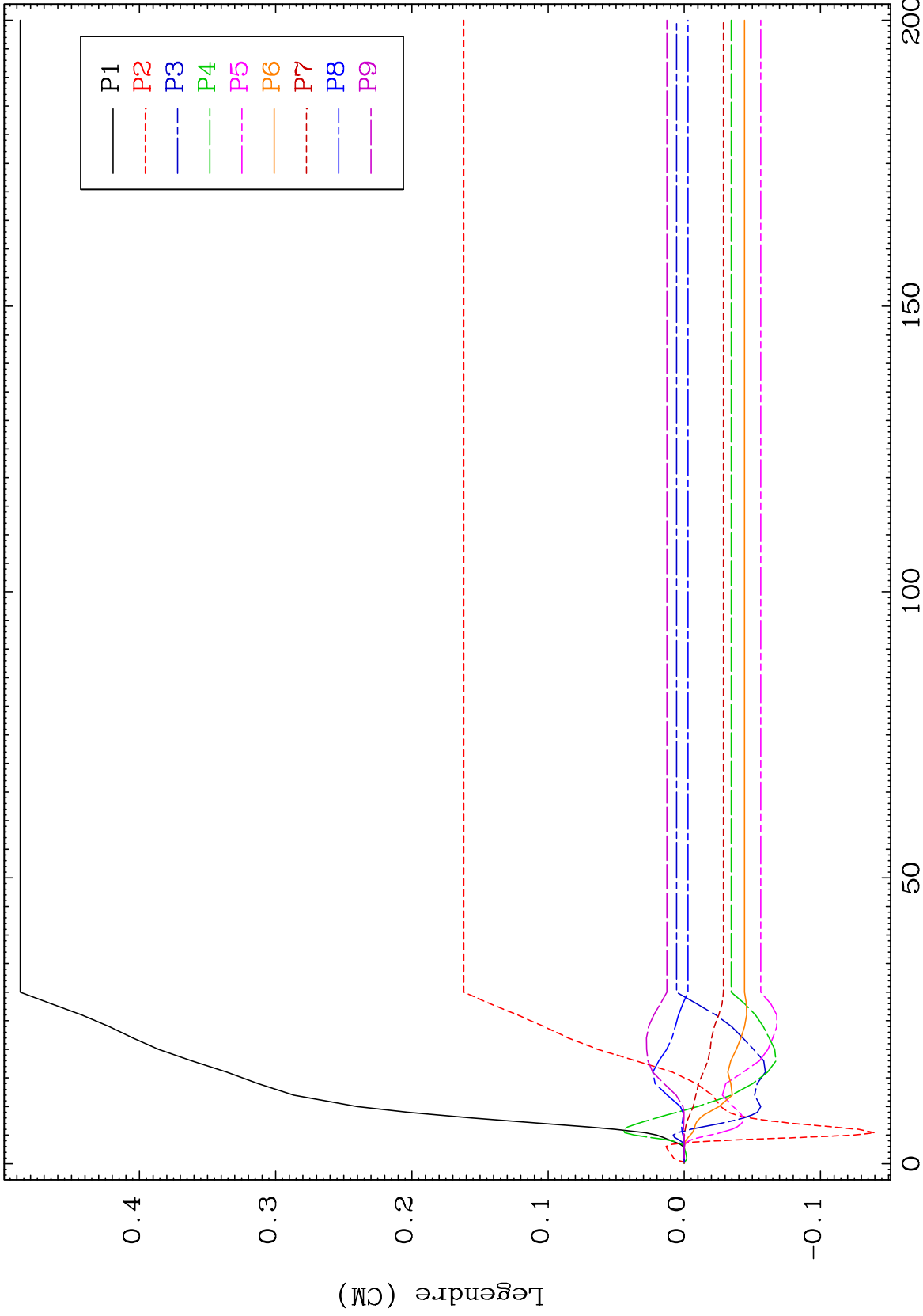
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 51 (n,n') Level  
Legendre Coefficients

63-Eu-146



63-Eu-146

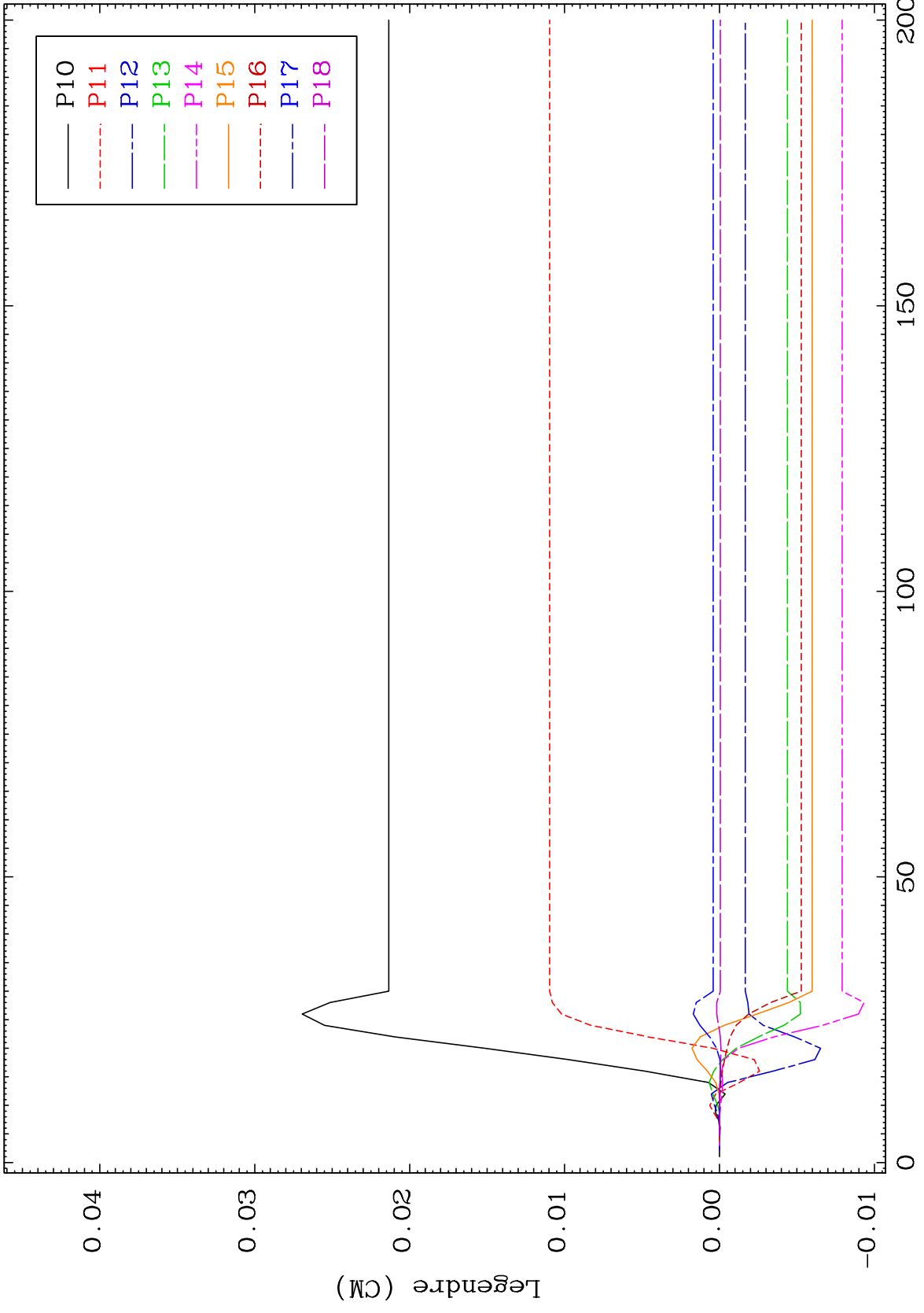
Incident Energy (MeV)

20

MAT 6310

MT= 51 (n,n') Level  
Legendre Coefficients

63-Eu-146



21

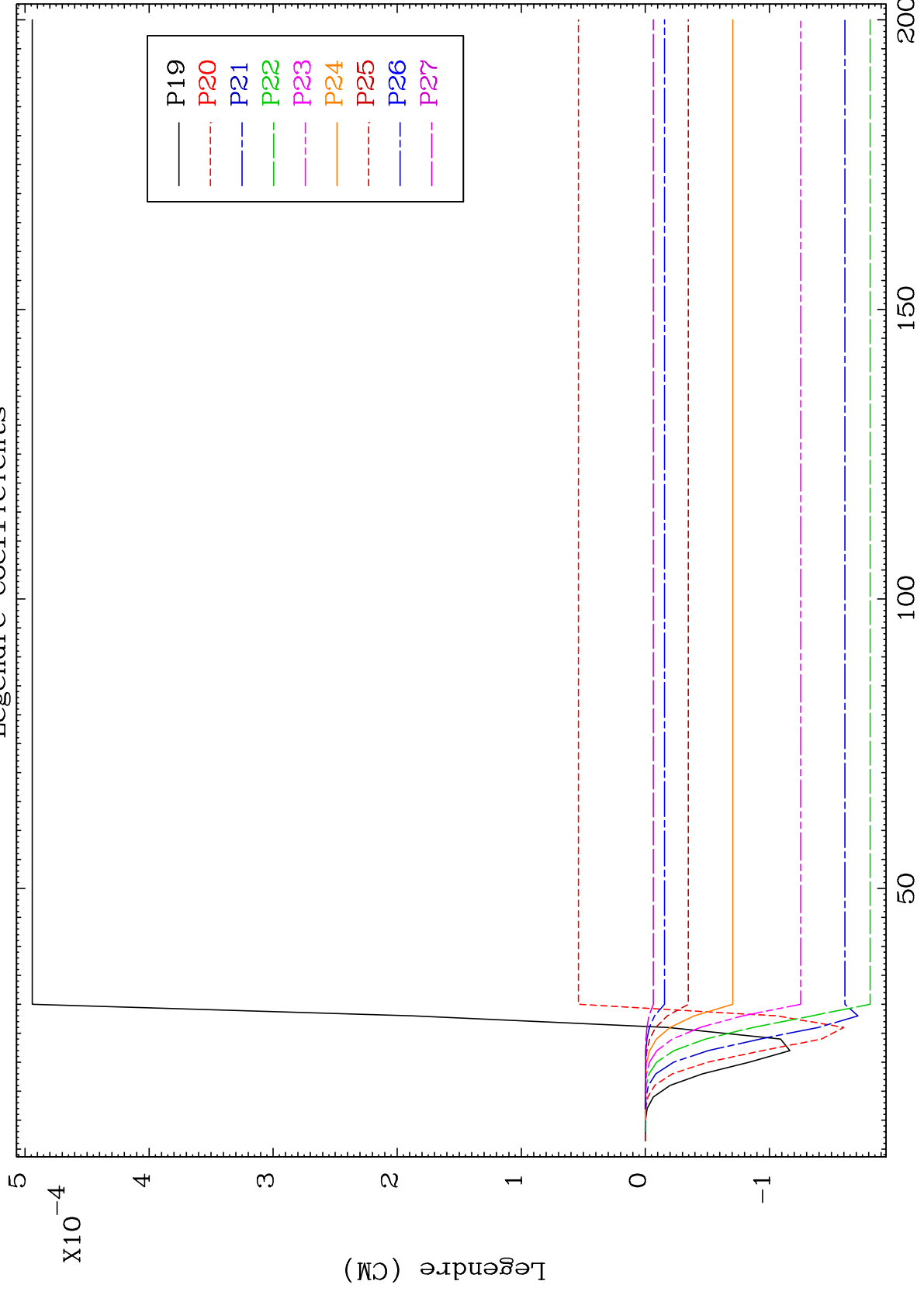
Incident Energy (MeV)

63-Eu-146

MAT 6310

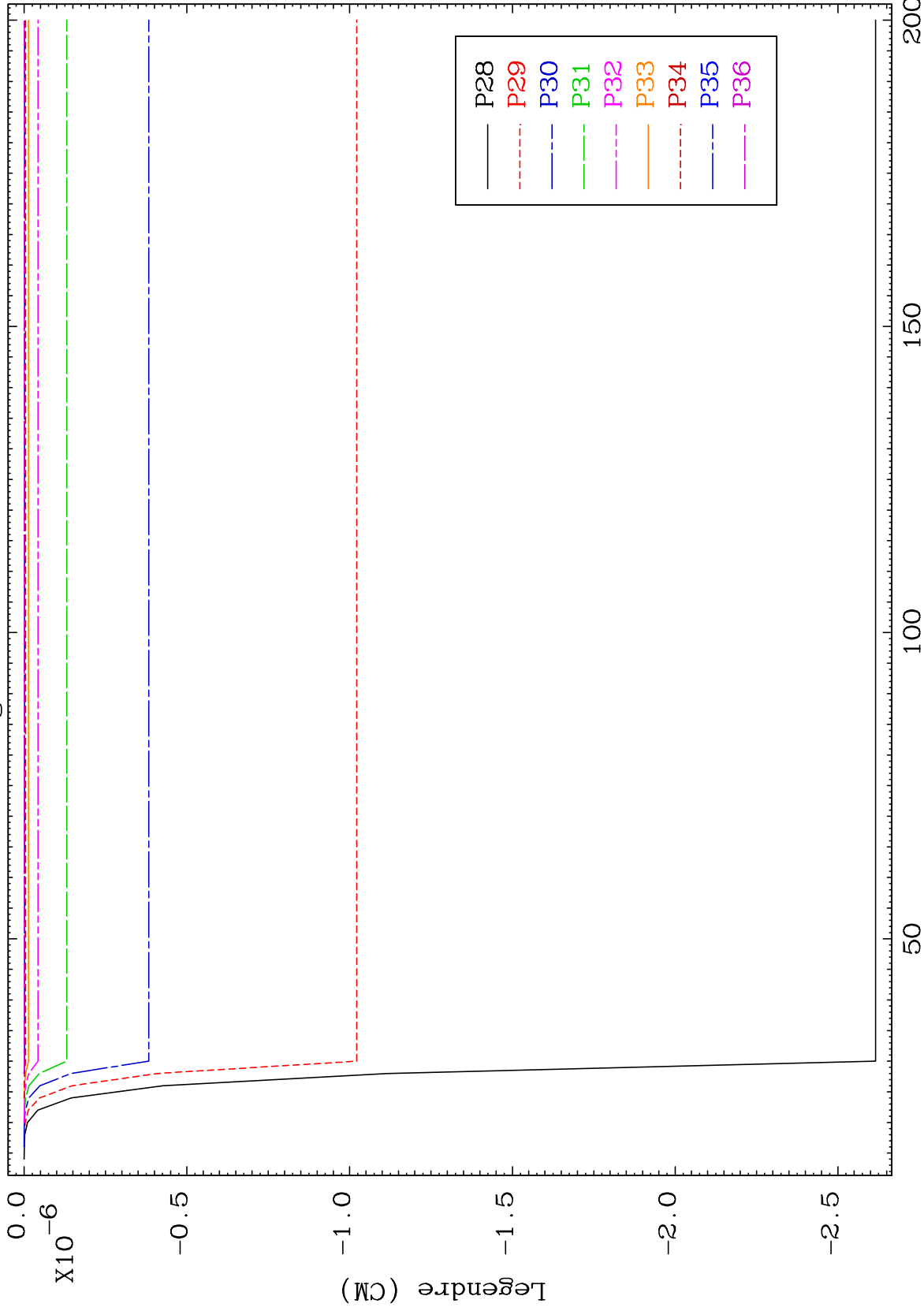
MT= 51 (n,n') Level  
Legendre Coefficients

63-Eu-146



22

63-Eu-146

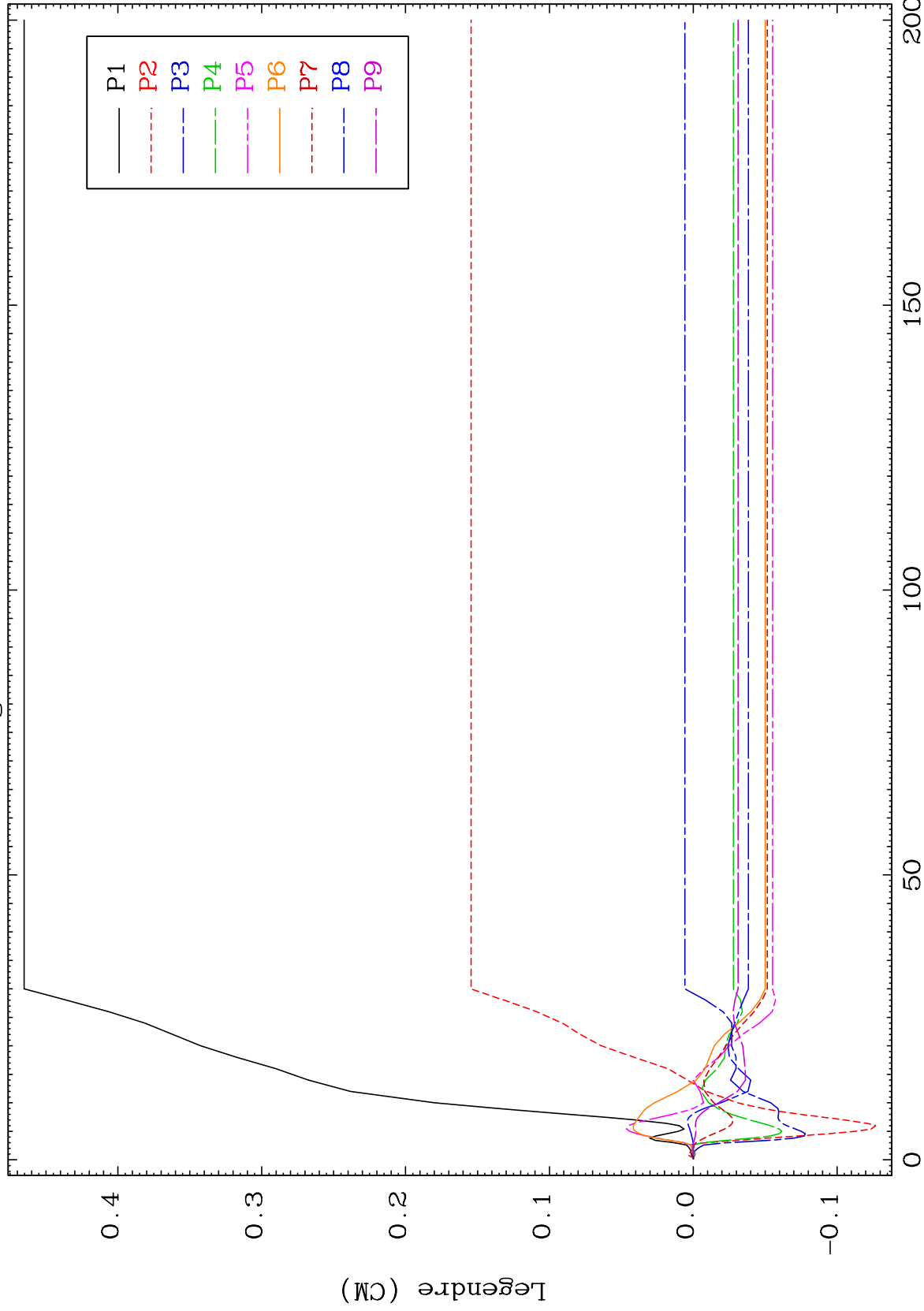




MAT 6310

MT= 52 (n,n') Level  
Legendre Coefficients

63-Eu-146



24

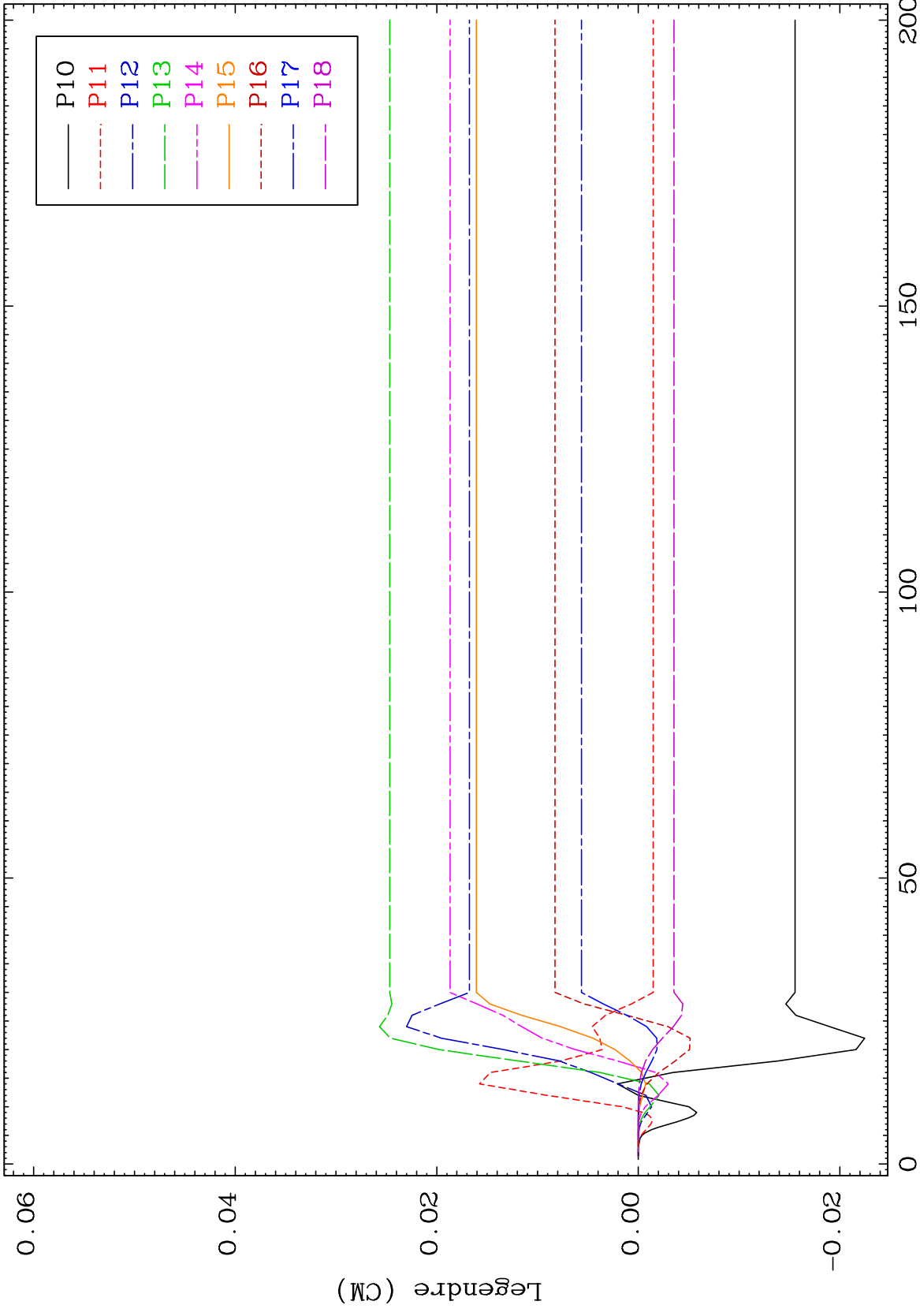
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 52 (n,n') Level  
Legendre Coefficients

63-Eu-146



25

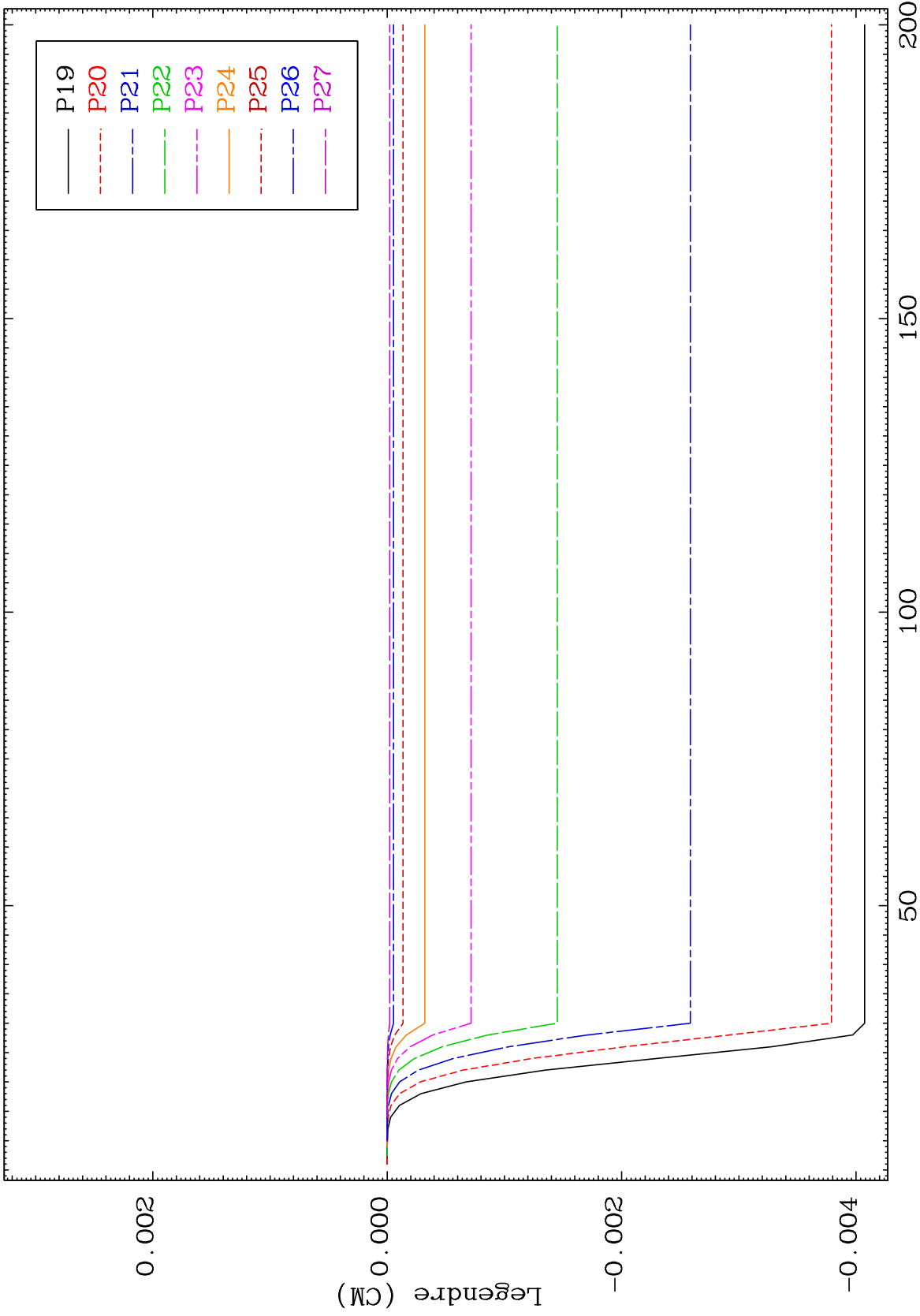
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 52 (n,n') Level  
Legendre Coefficients

63-Eu-146



26

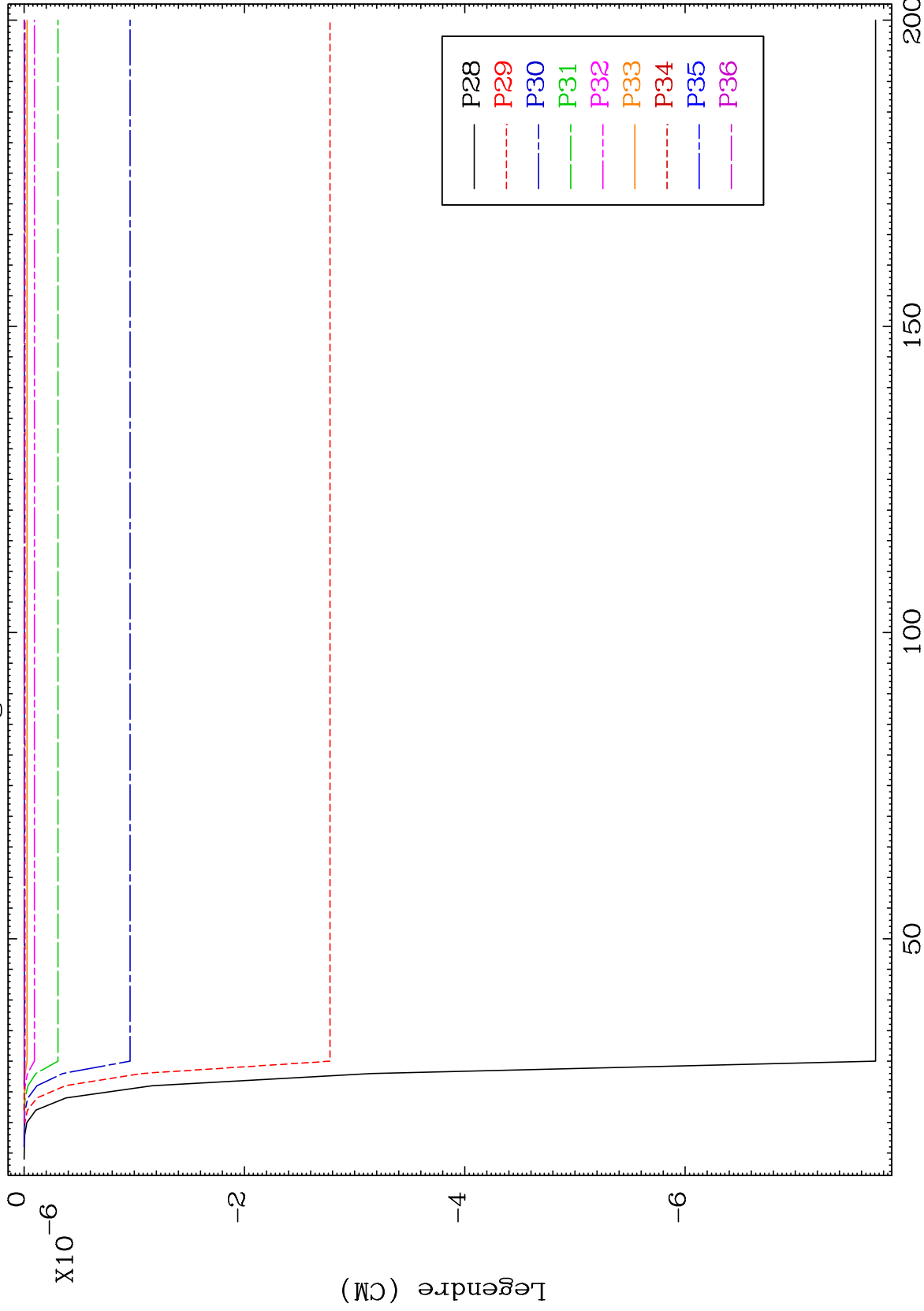
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 52 (n,n') Level  
Legendre Coefficients

63-Eu-146



63-Eu-146

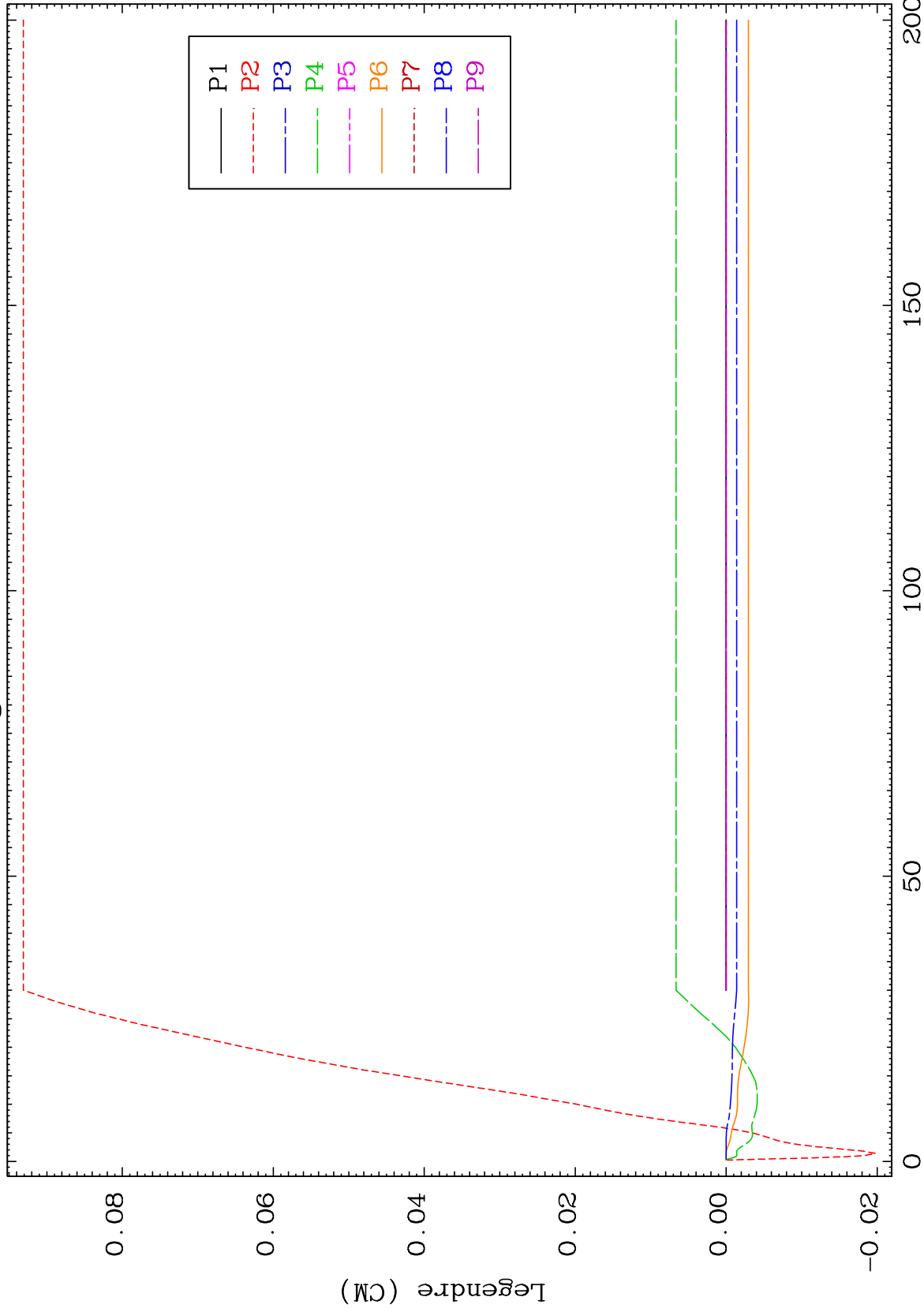
Incident Energy (MeV)

27

MAT 6310

MT= 53 (n,n') Level  
Legendre Coefficients

63-Eu-146



28

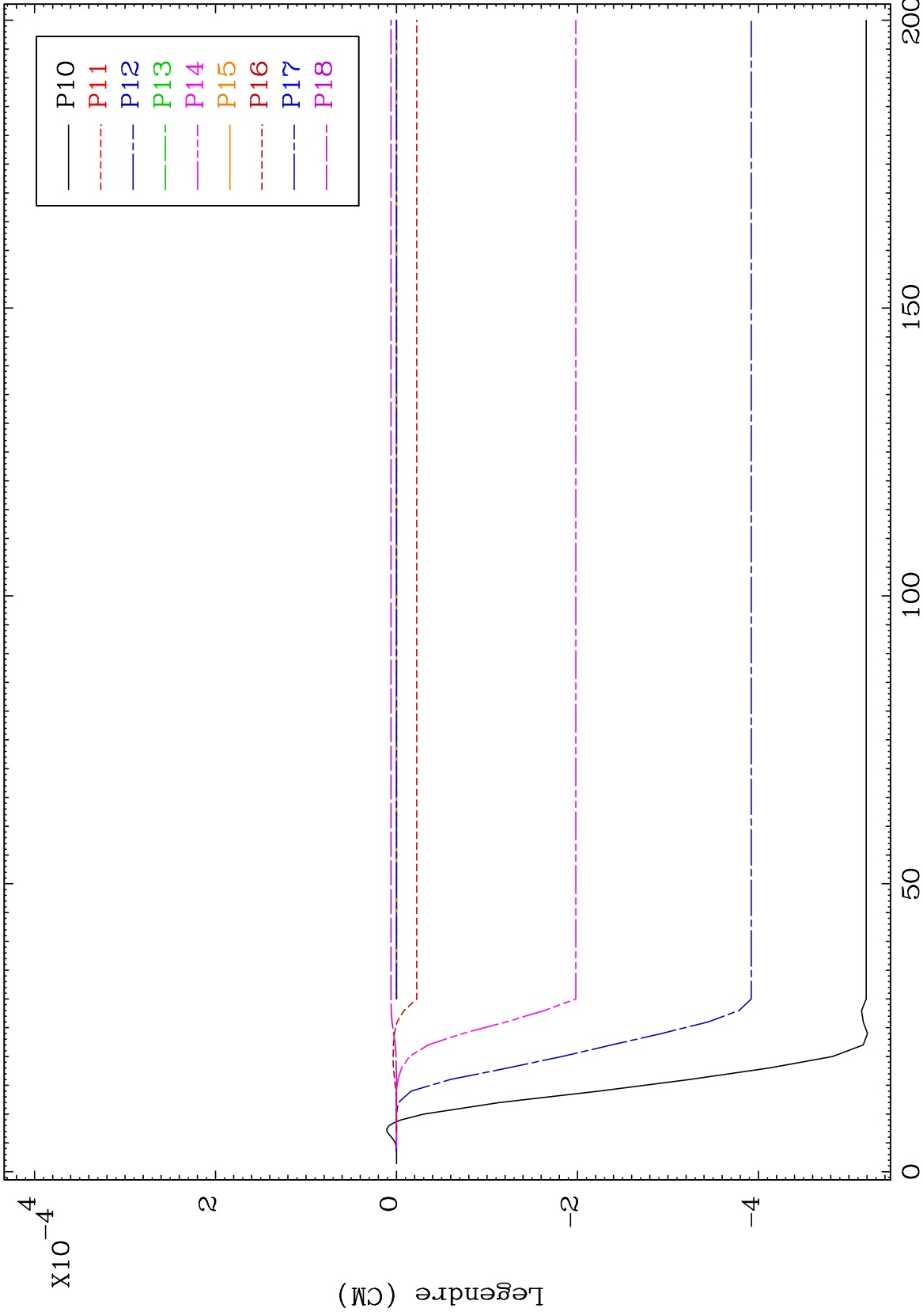
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 53 (n,n') Level  
Legendre Coefficients

63-Eu-146



29

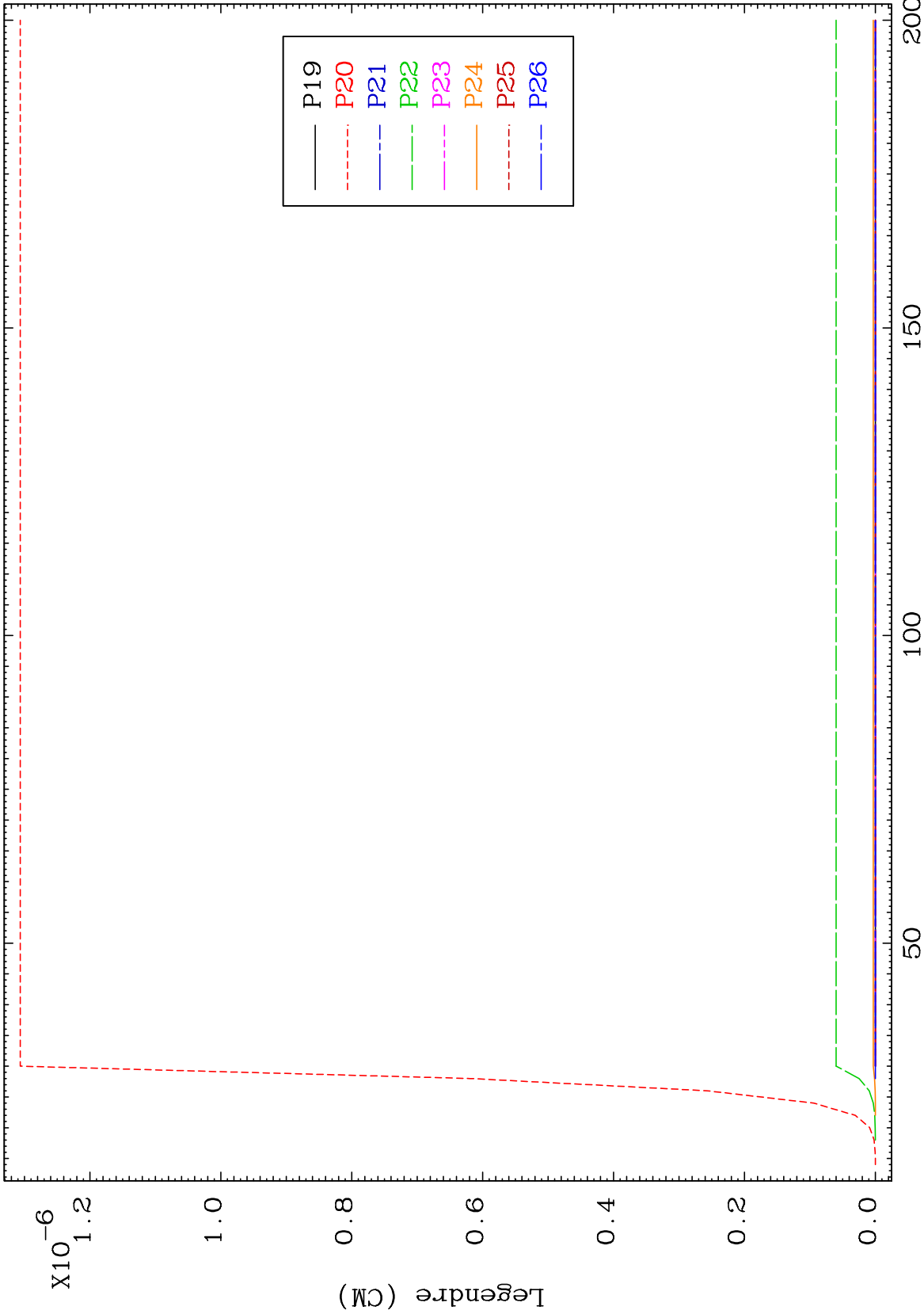
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 53 (n,n') Level  
Legendre Coefficients

63-Eu-146



30

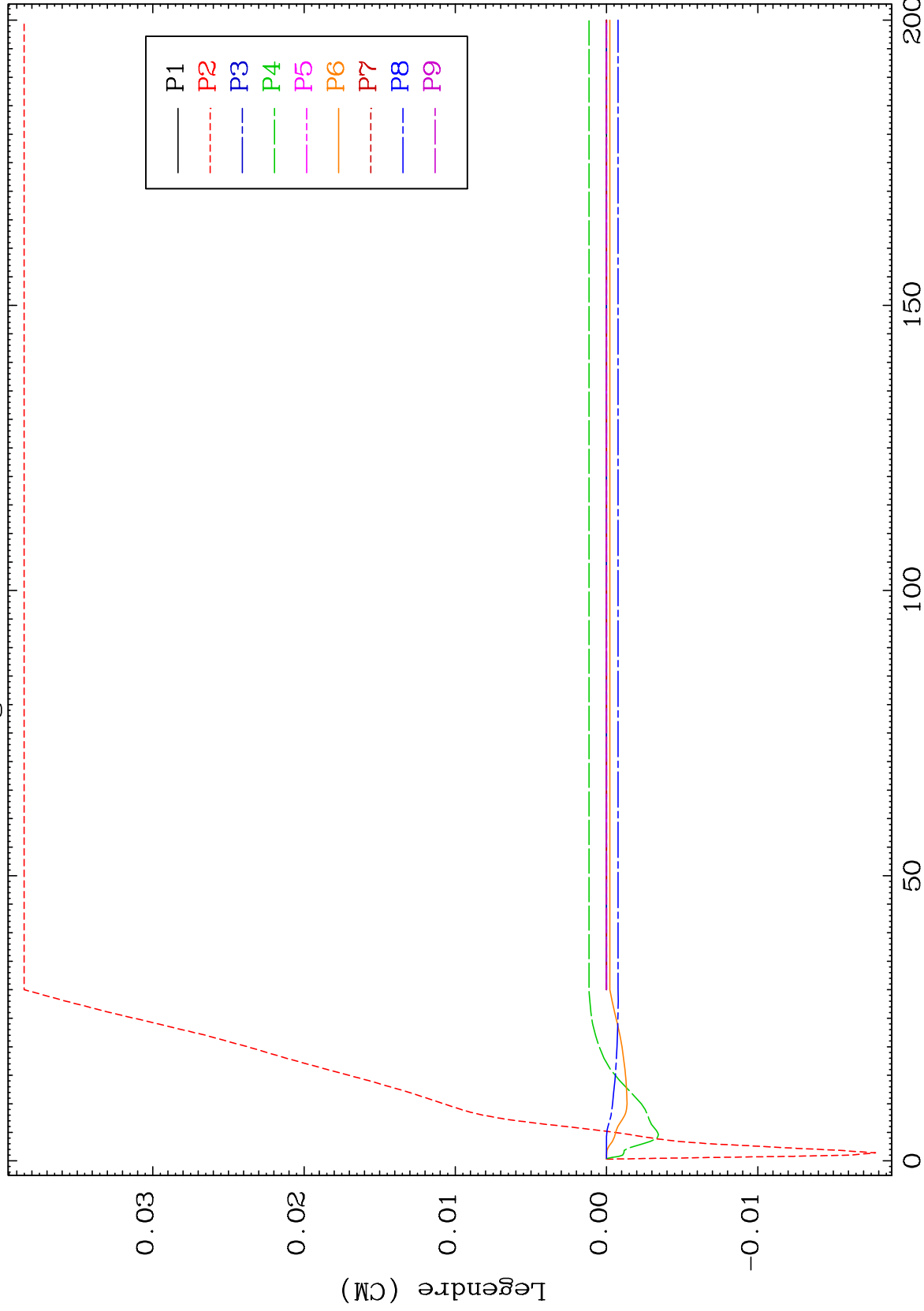
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 54 (n,n') Level  
Legendre Coefficients

63-Eu-146



31

Incident Energy (MeV)

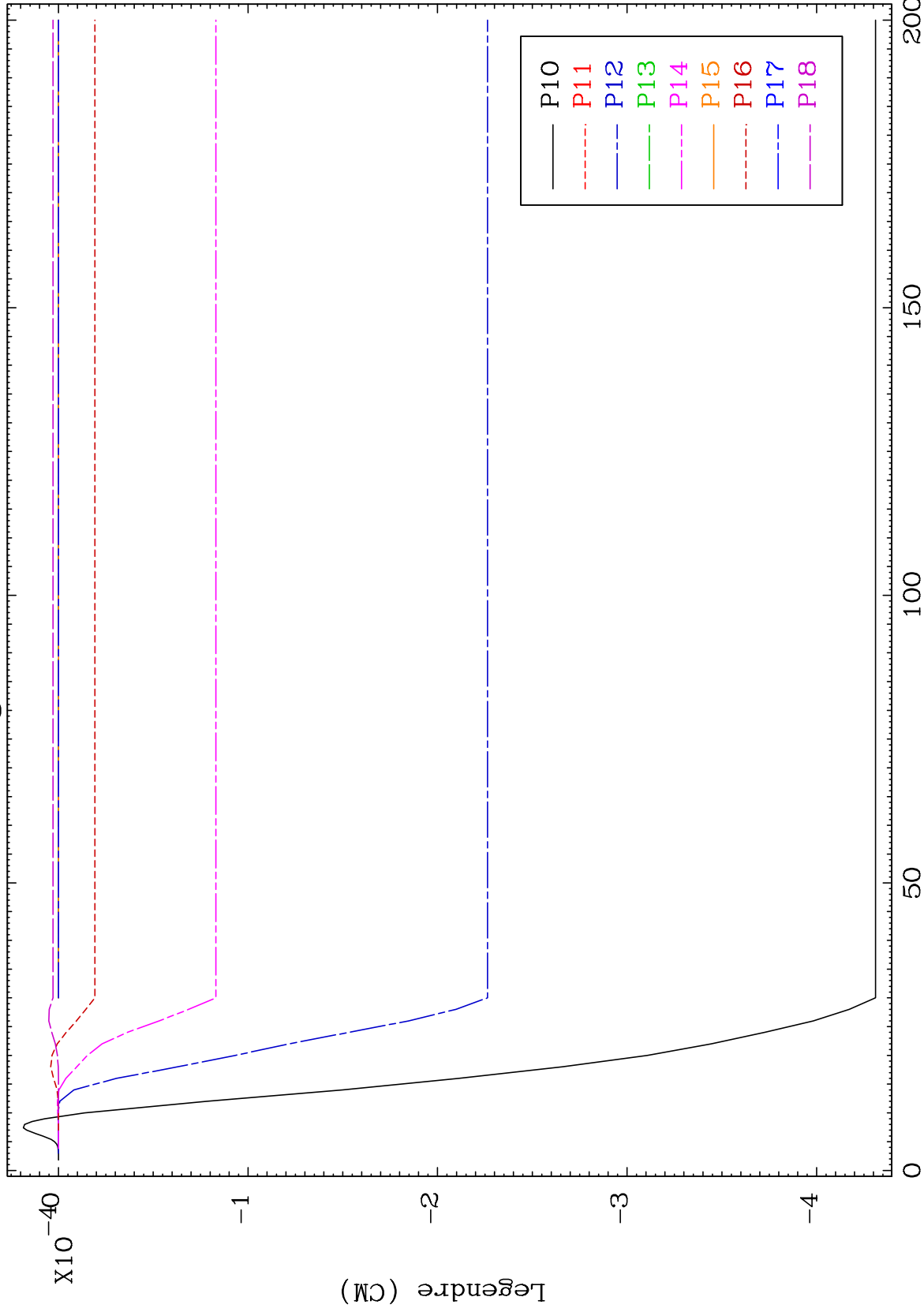
63-Eu-146



MAT 6310

MT= 54 (n,n') Level  
Legendre Coefficients

63-Eu-146



32

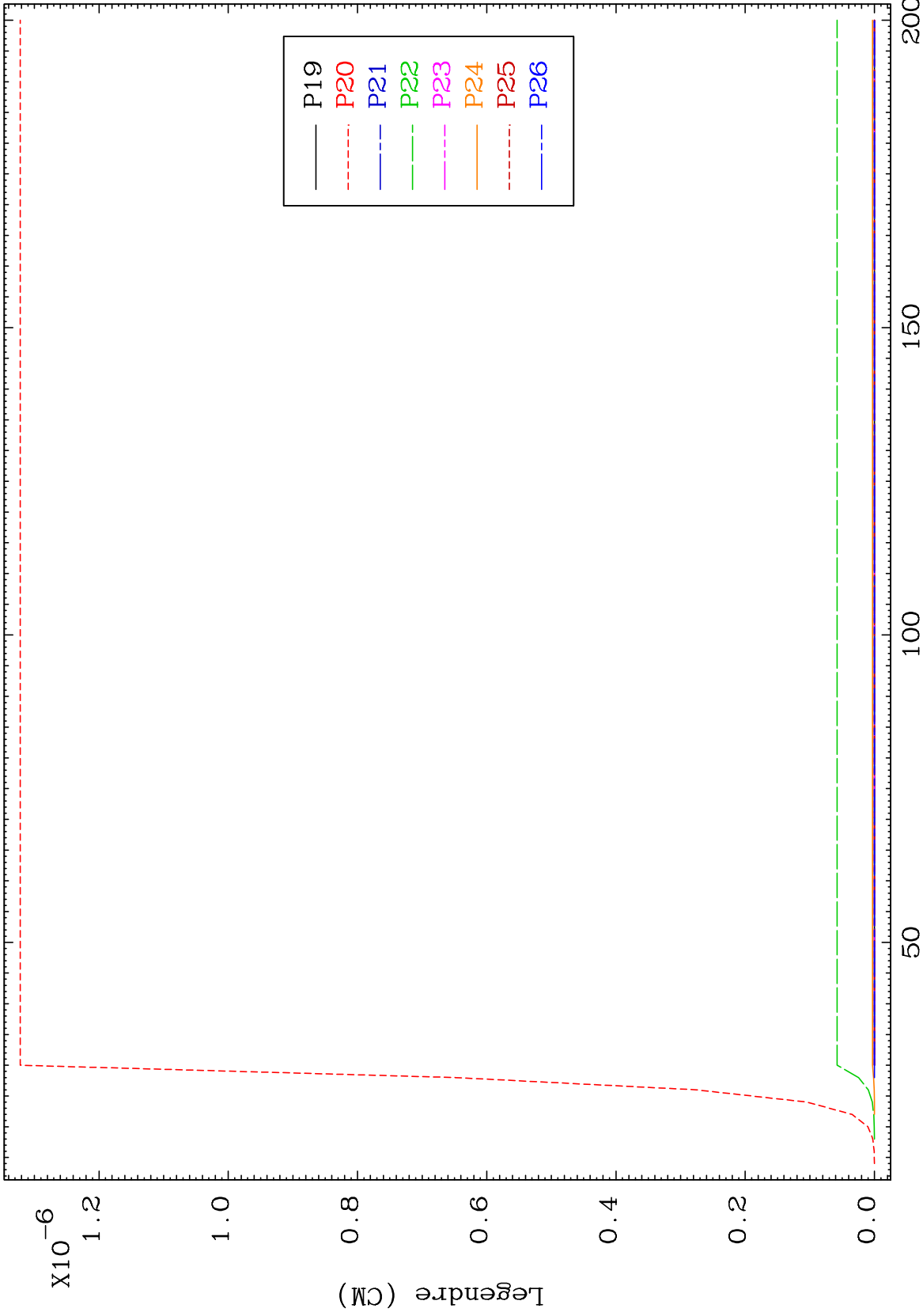
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 54 (n,n') Level  
Legendre Coefficients

63-Eu-146



33

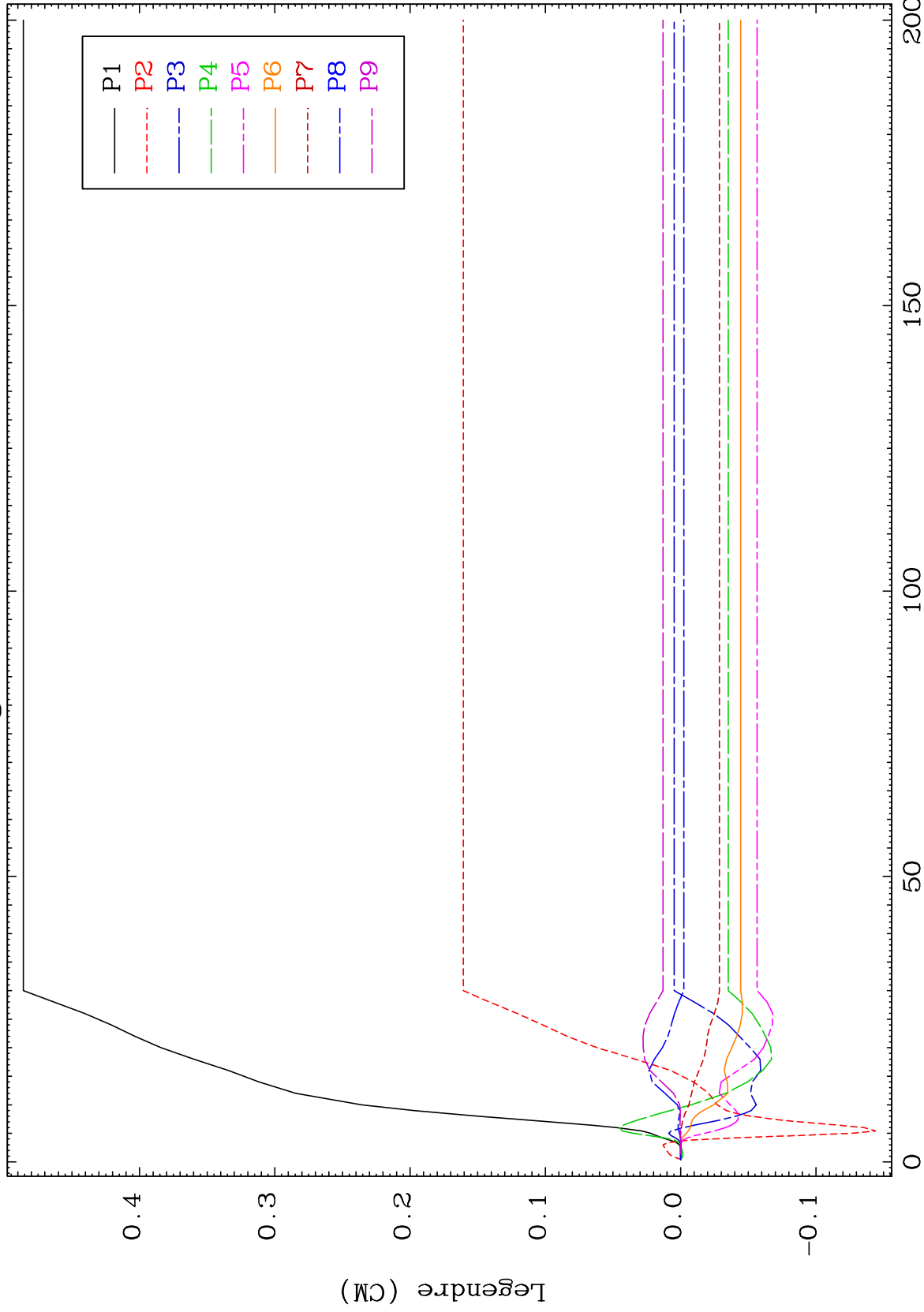
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 55 (n,n') Level  
Legendre Coefficients

63-Eu-146



34

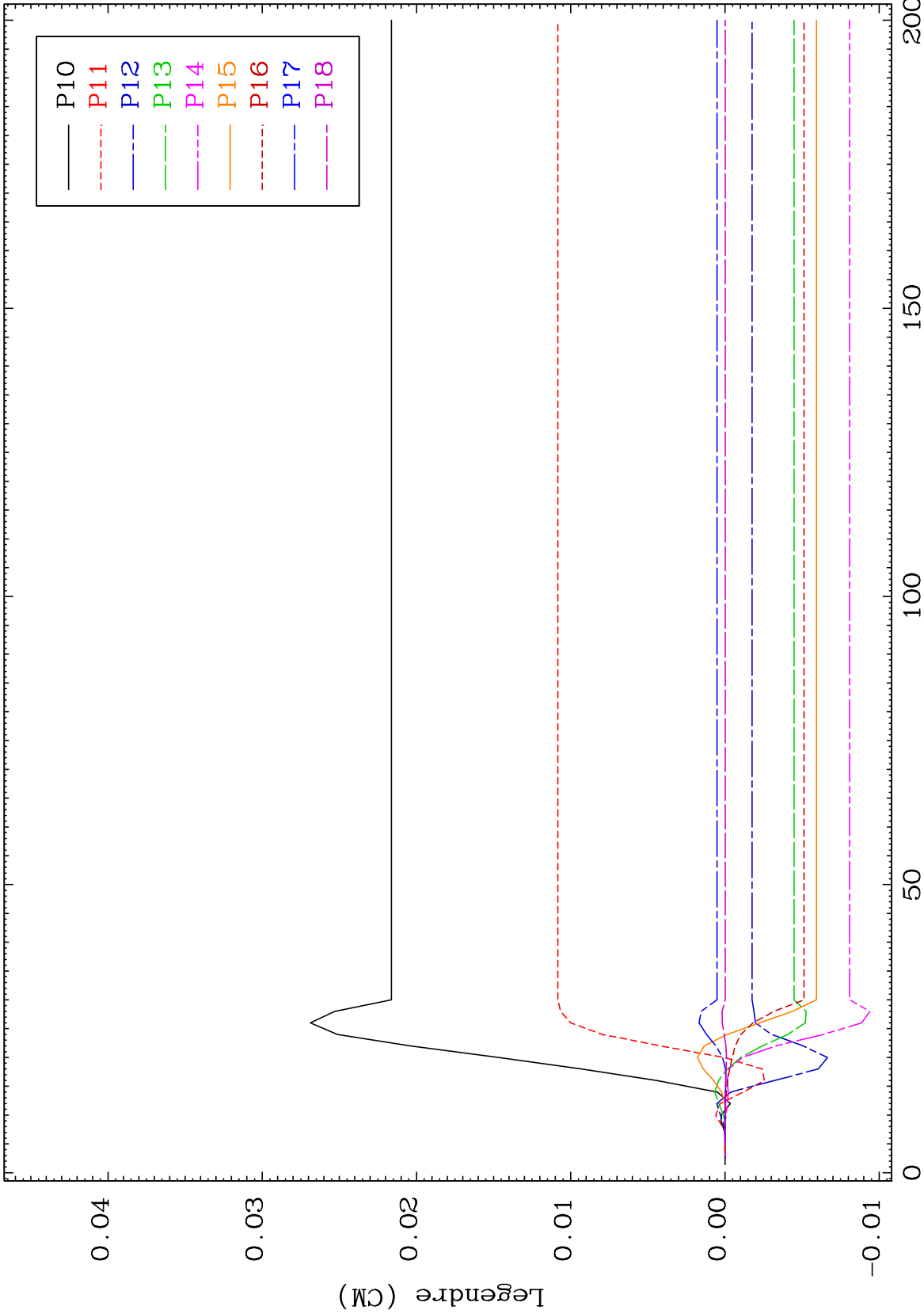
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 55 (n,n') Level  
Legendre Coefficients

63-Eu-146



35

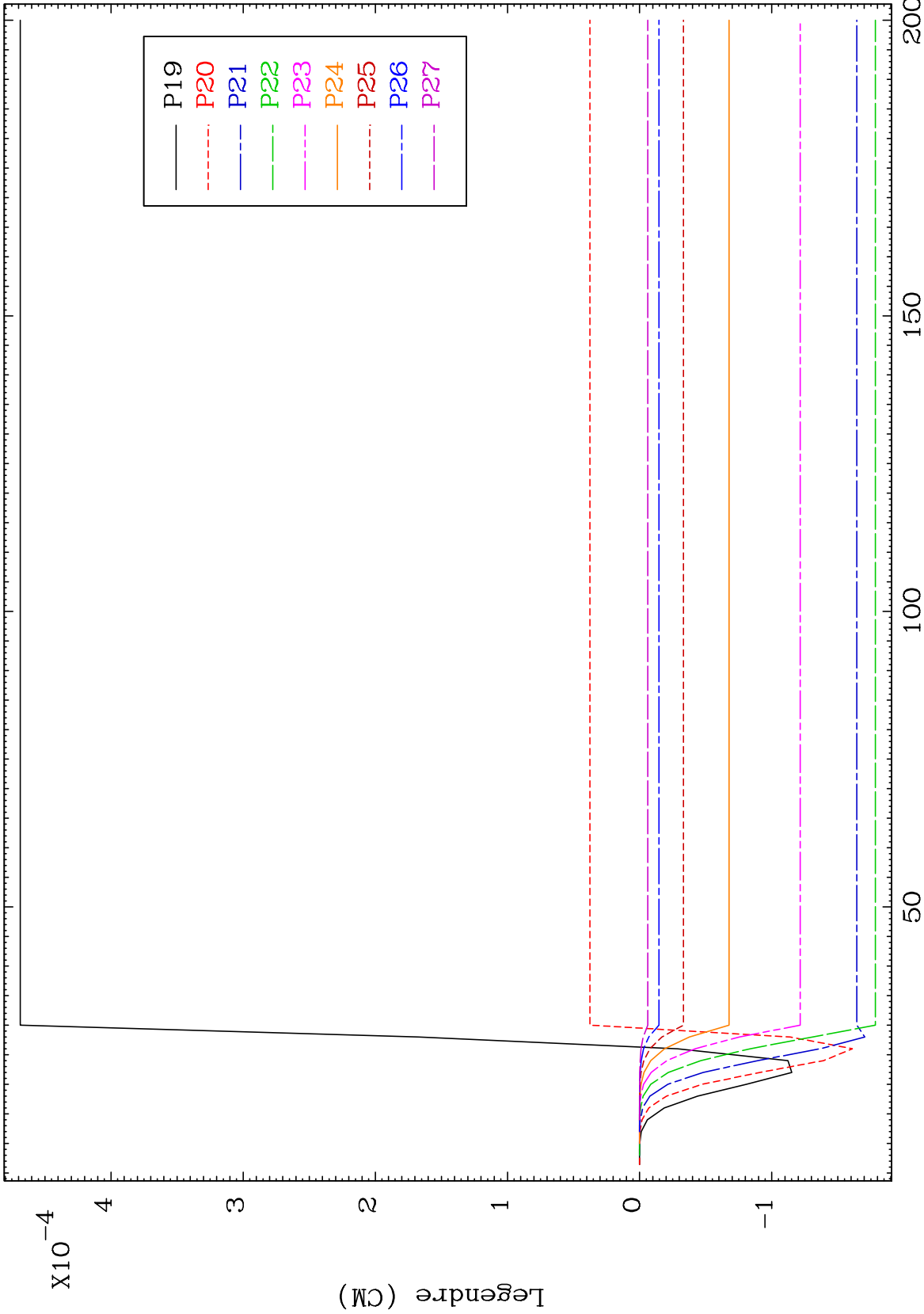
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 55 (n,n') Level  
Legendre Coefficients

63-Eu-146



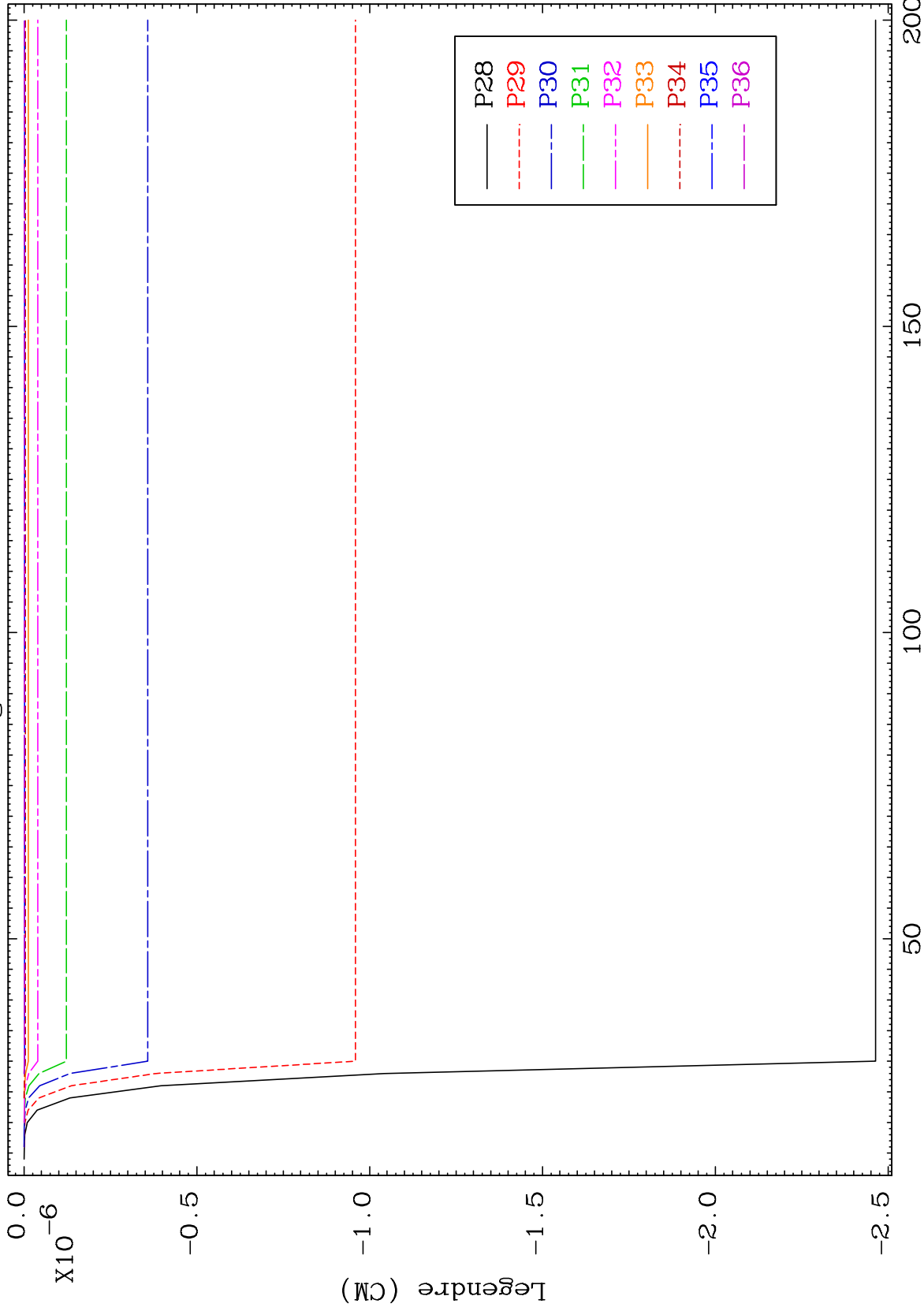
36

63-Eu-146

MAT 6310

MT= 55 (n,n') Level  
Legendre Coefficients

63-Eu-146



37

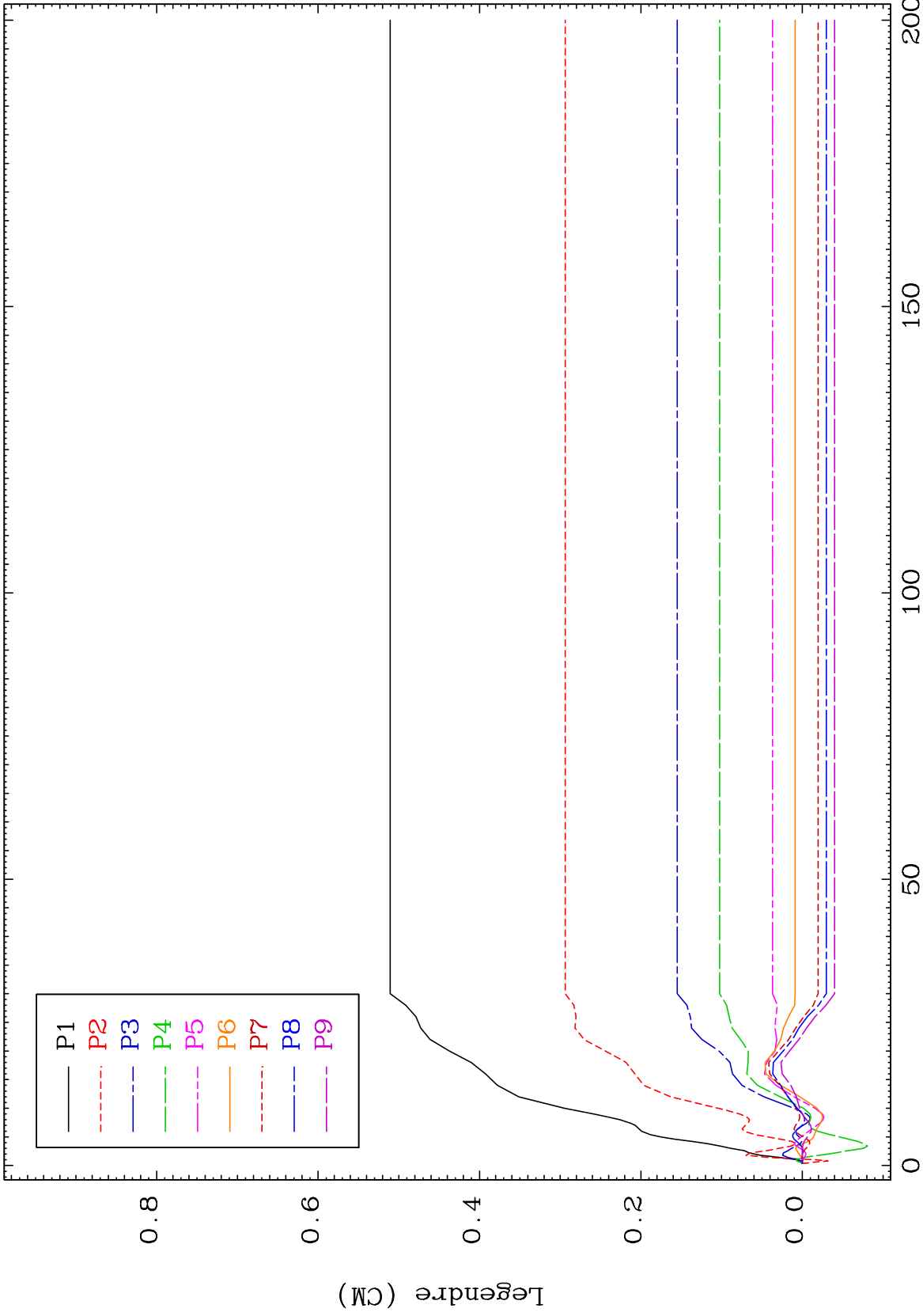
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 56 (n,n') Level  
Legendre Coefficients

63-Eu-146



38

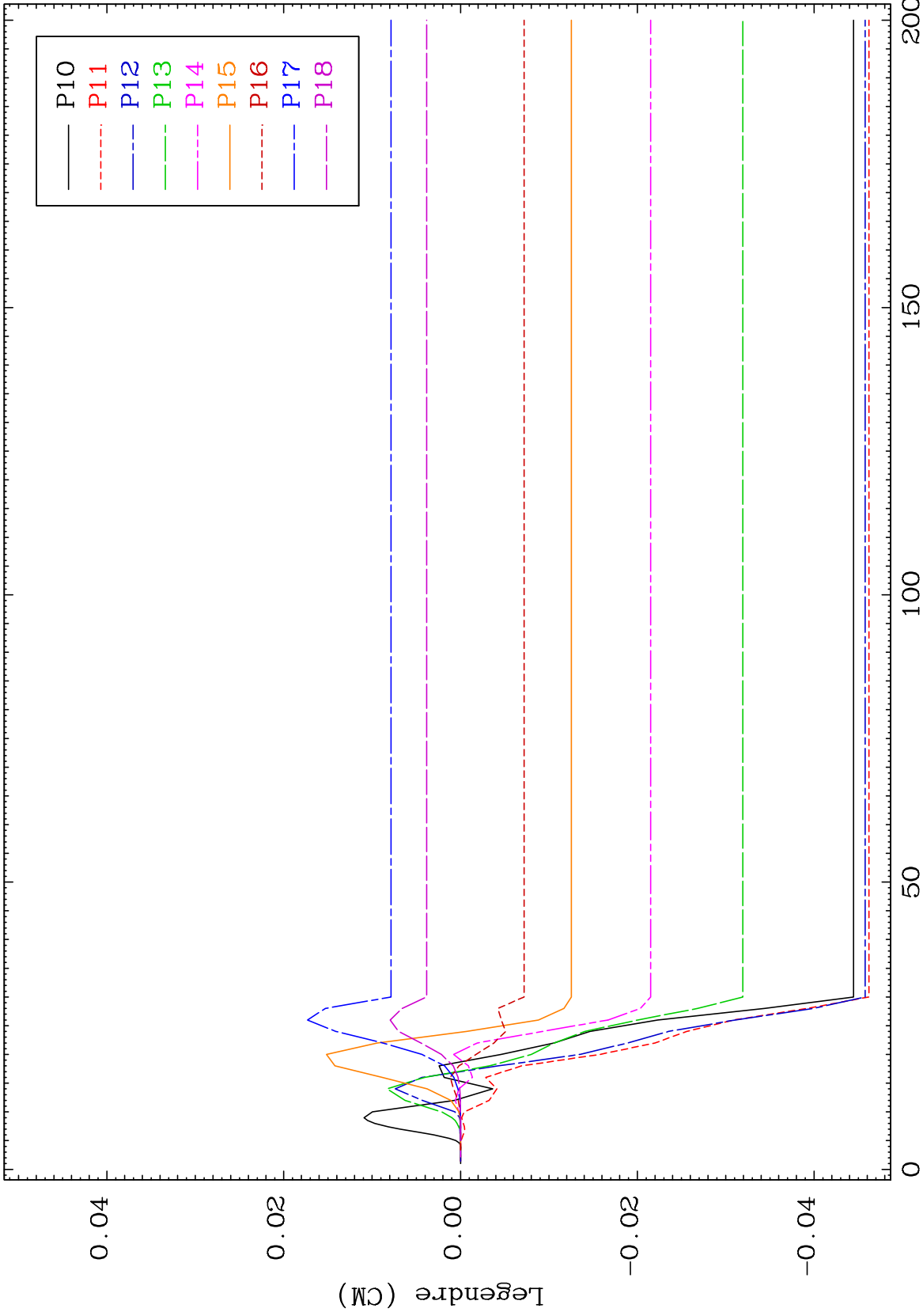
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 56 (n,n') Level  
Legendre Coefficients

63-Eu-146



39

Incident Energy (MeV)

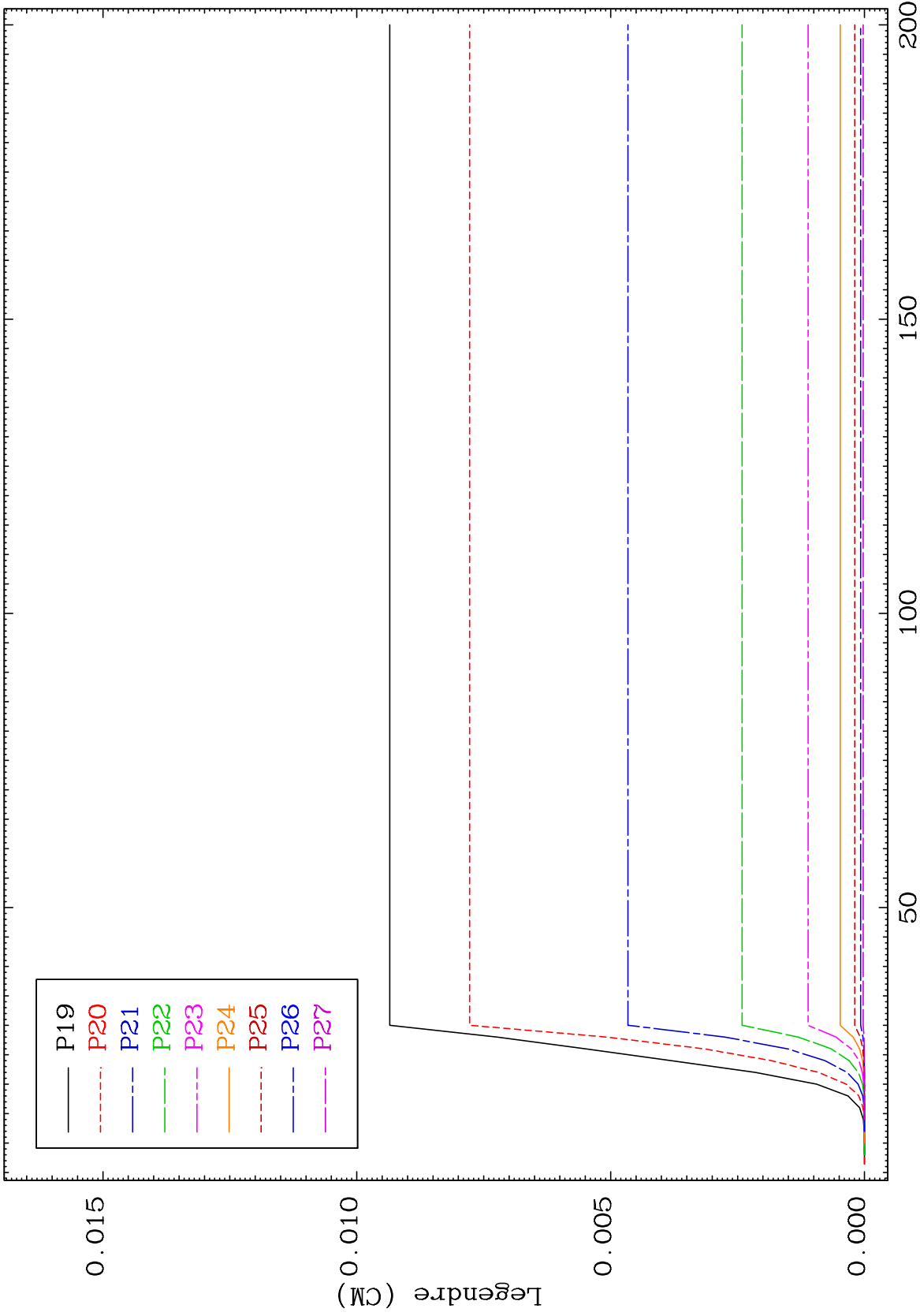
63-Eu-146



MAT 6310

MT= 56 (n,n') Level  
Legendre Coefficients

63-Eu-146



40

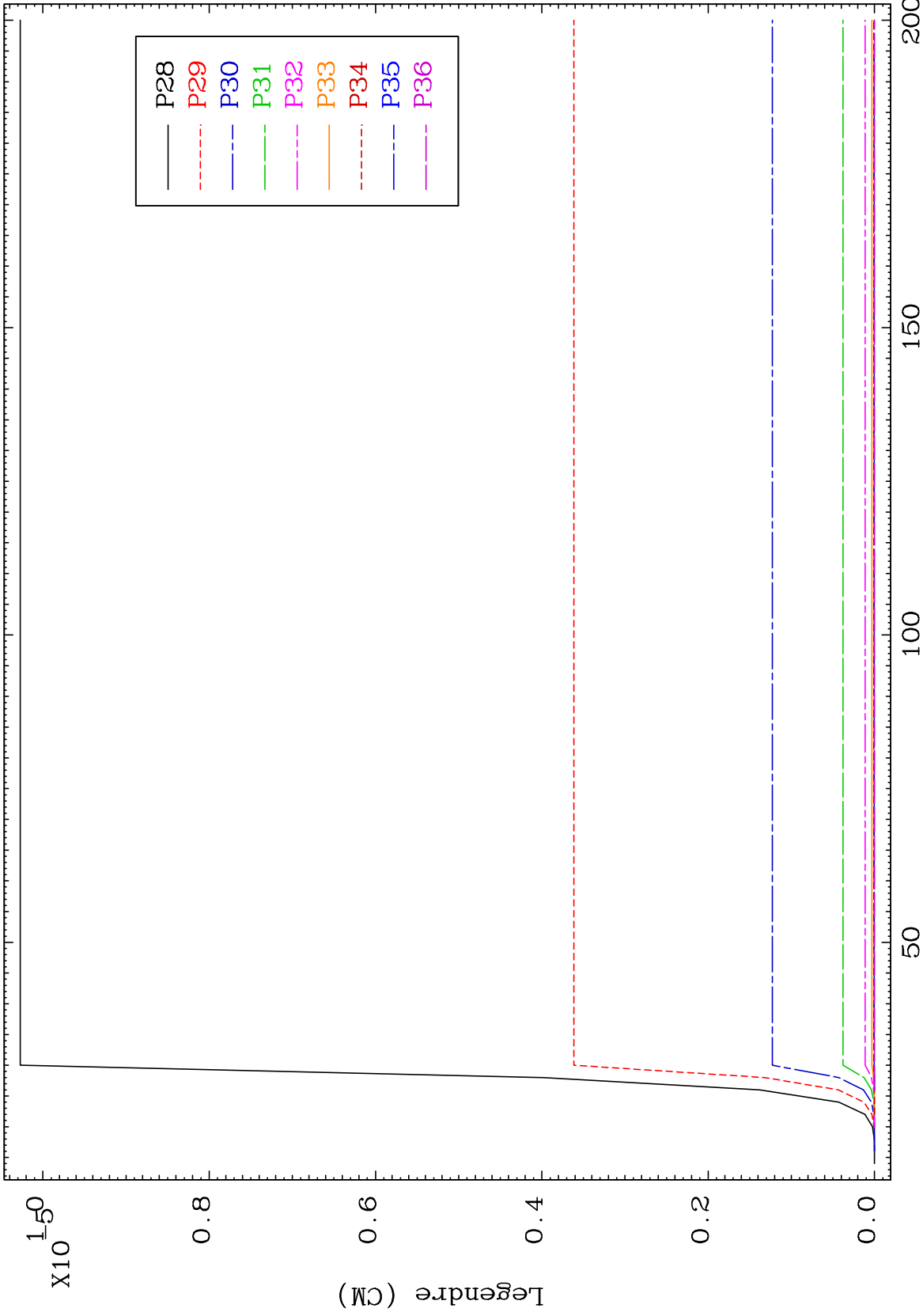
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 56 (n,n') Level  
Legendre Coefficients

63-Eu-146



41

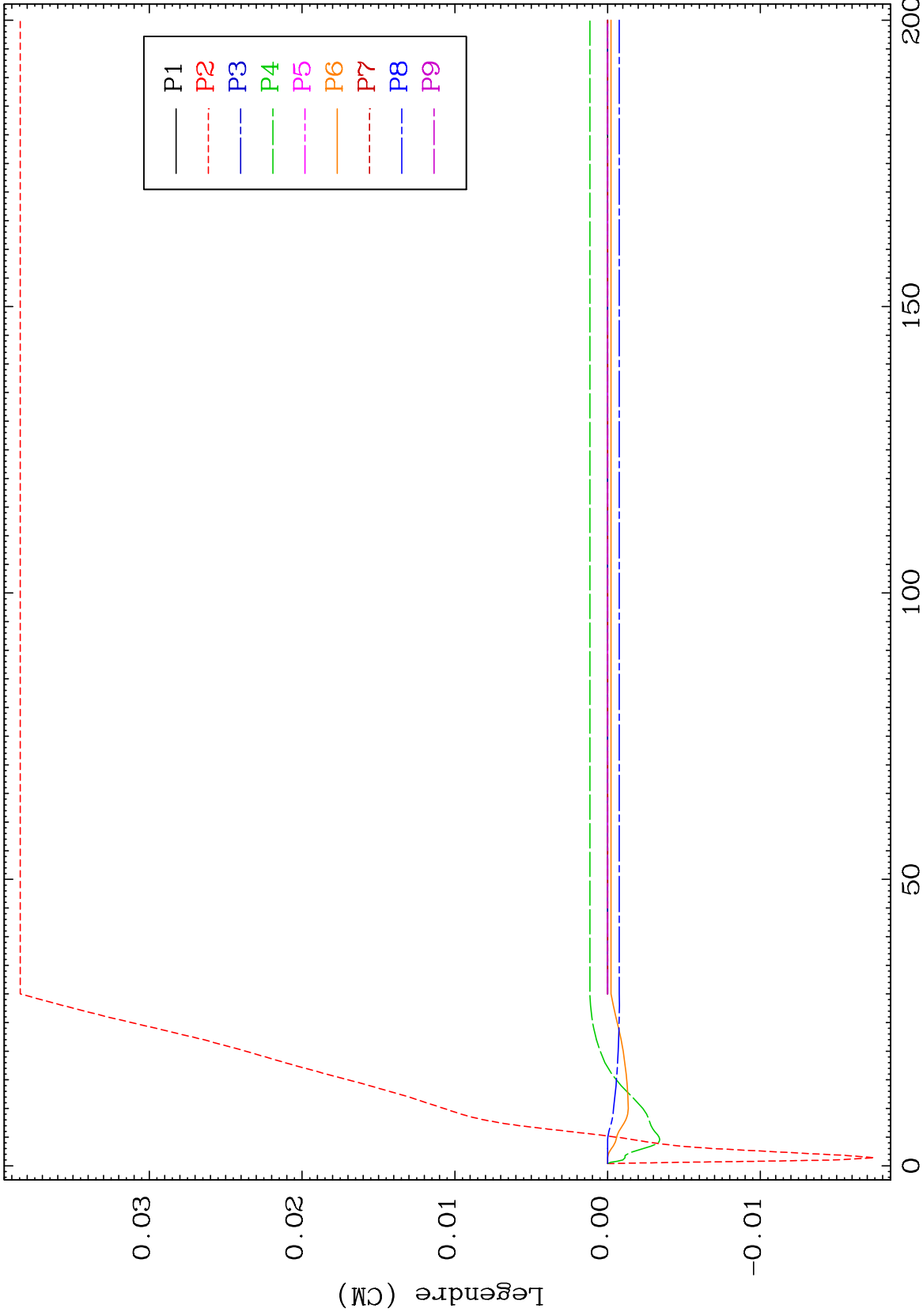
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 57 (n,n') Level  
Legendre Coefficients

63-Eu-146



42

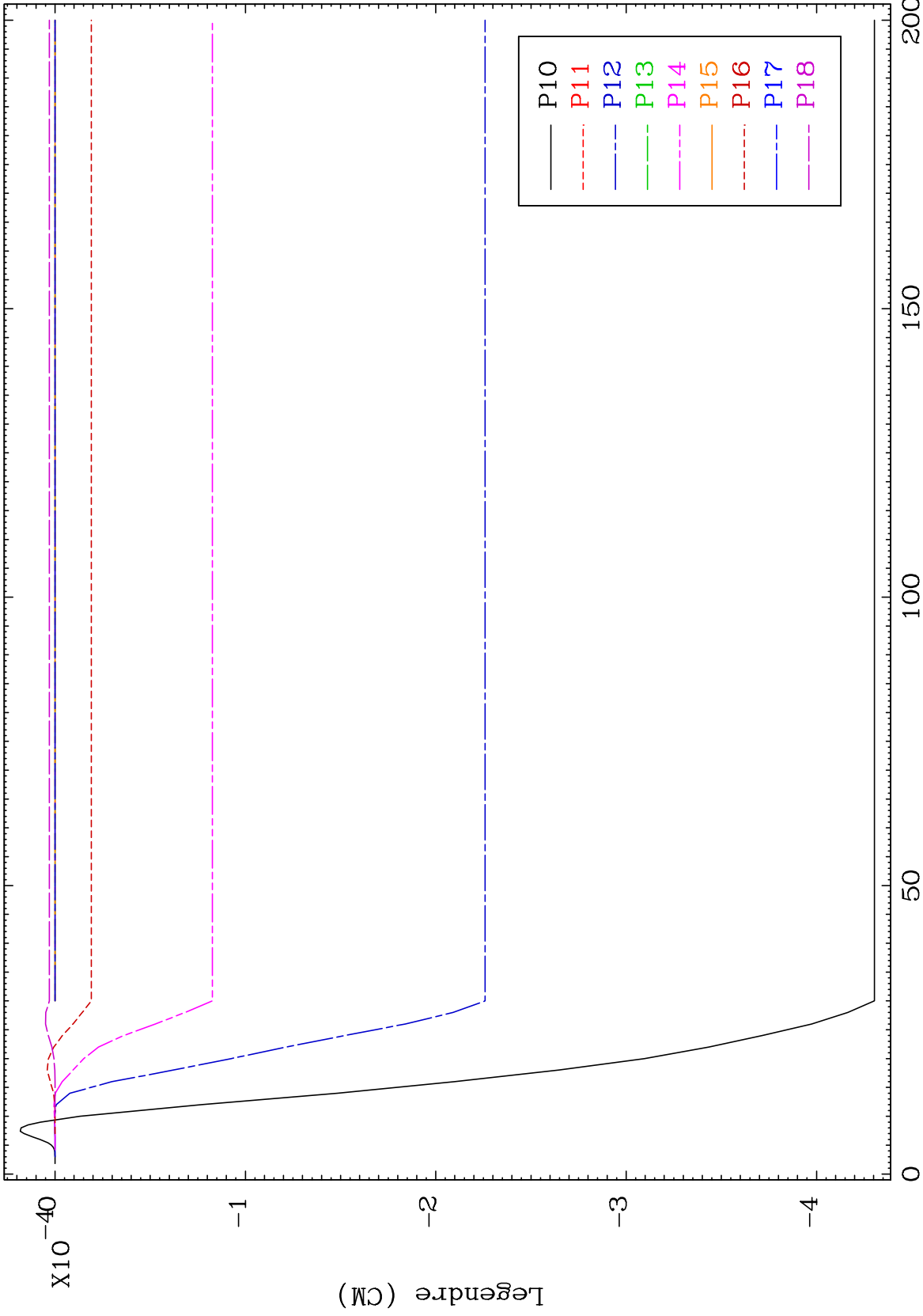
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 57 (n,n') Level  
Legendre Coefficients

63-Eu-146



43

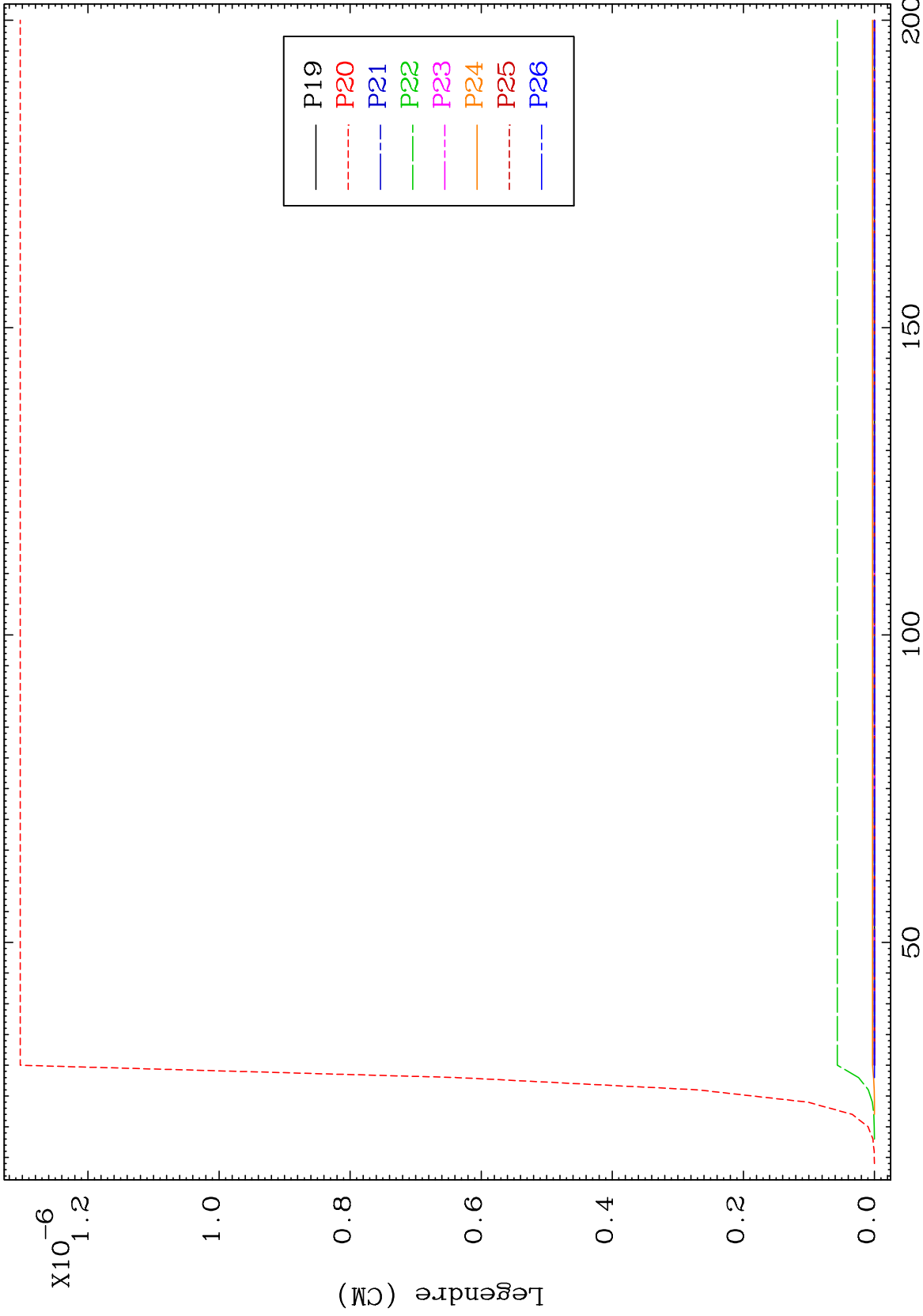
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 57 (n,n') Level  
Legendre Coefficients

63-Eu-146



44

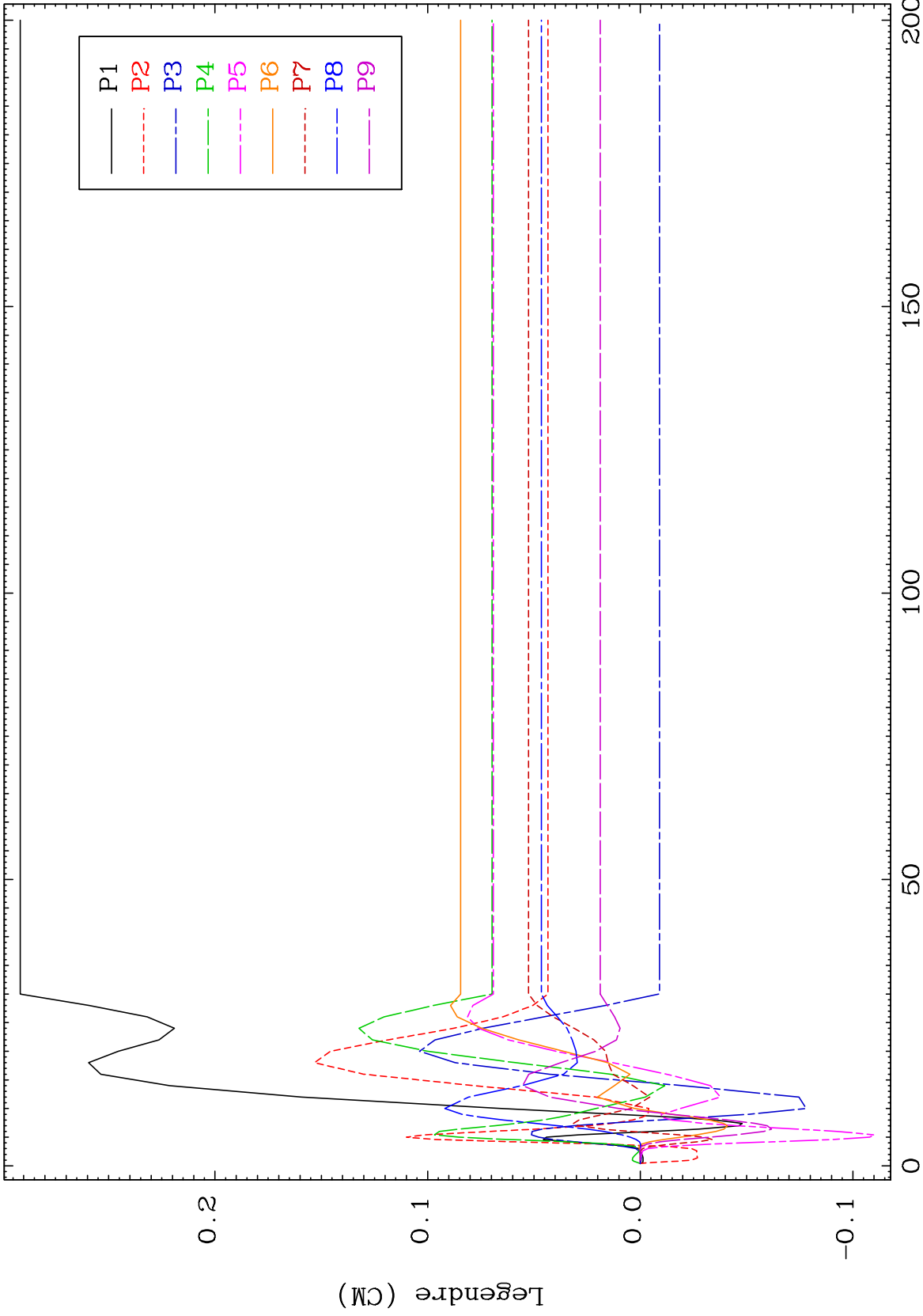
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 58 (n,n') Level  
Legendre Coefficients

63-Eu-146



45

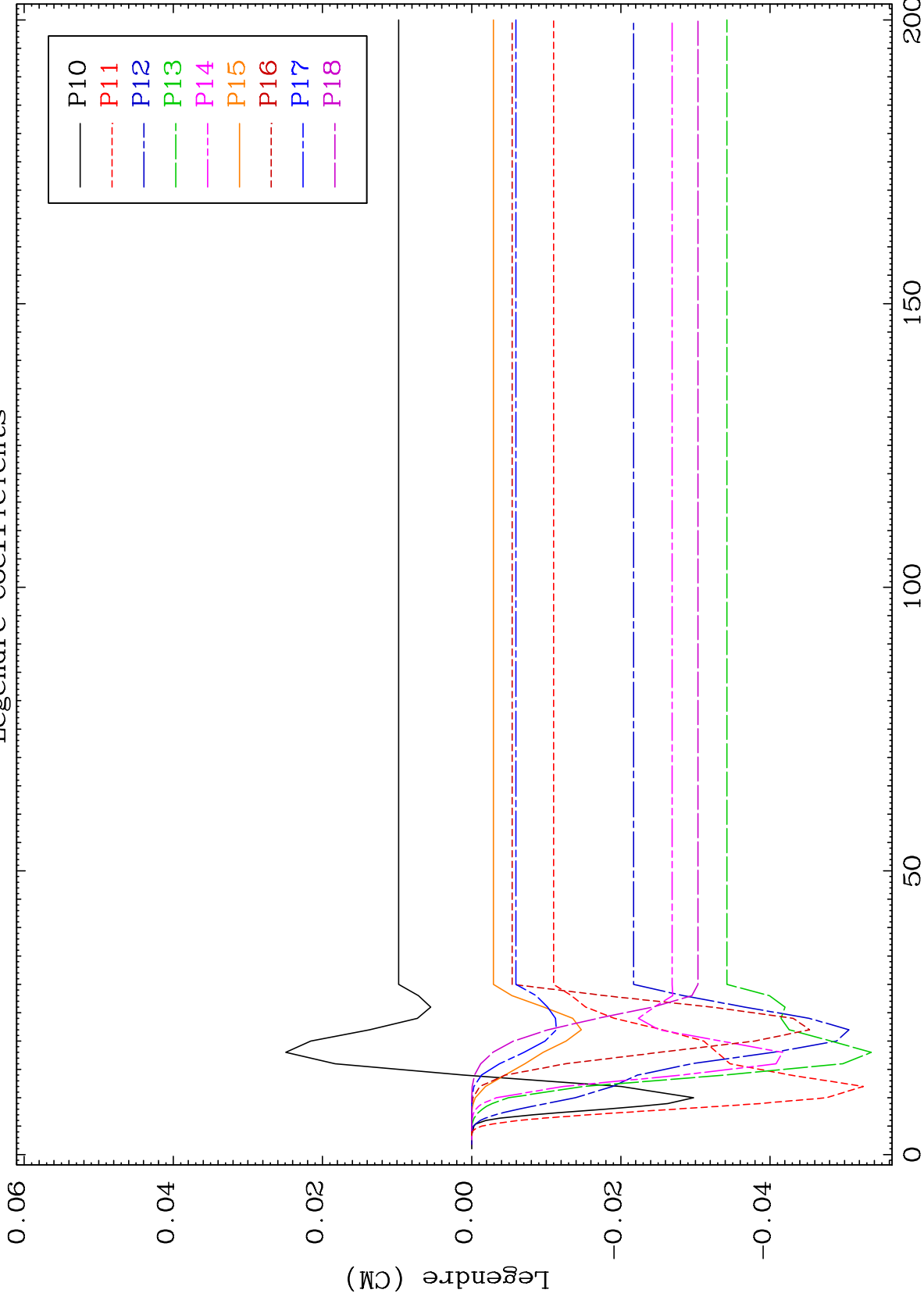
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 58 (n,n') Level  
Legendre Coefficients

63-Eu-146



46

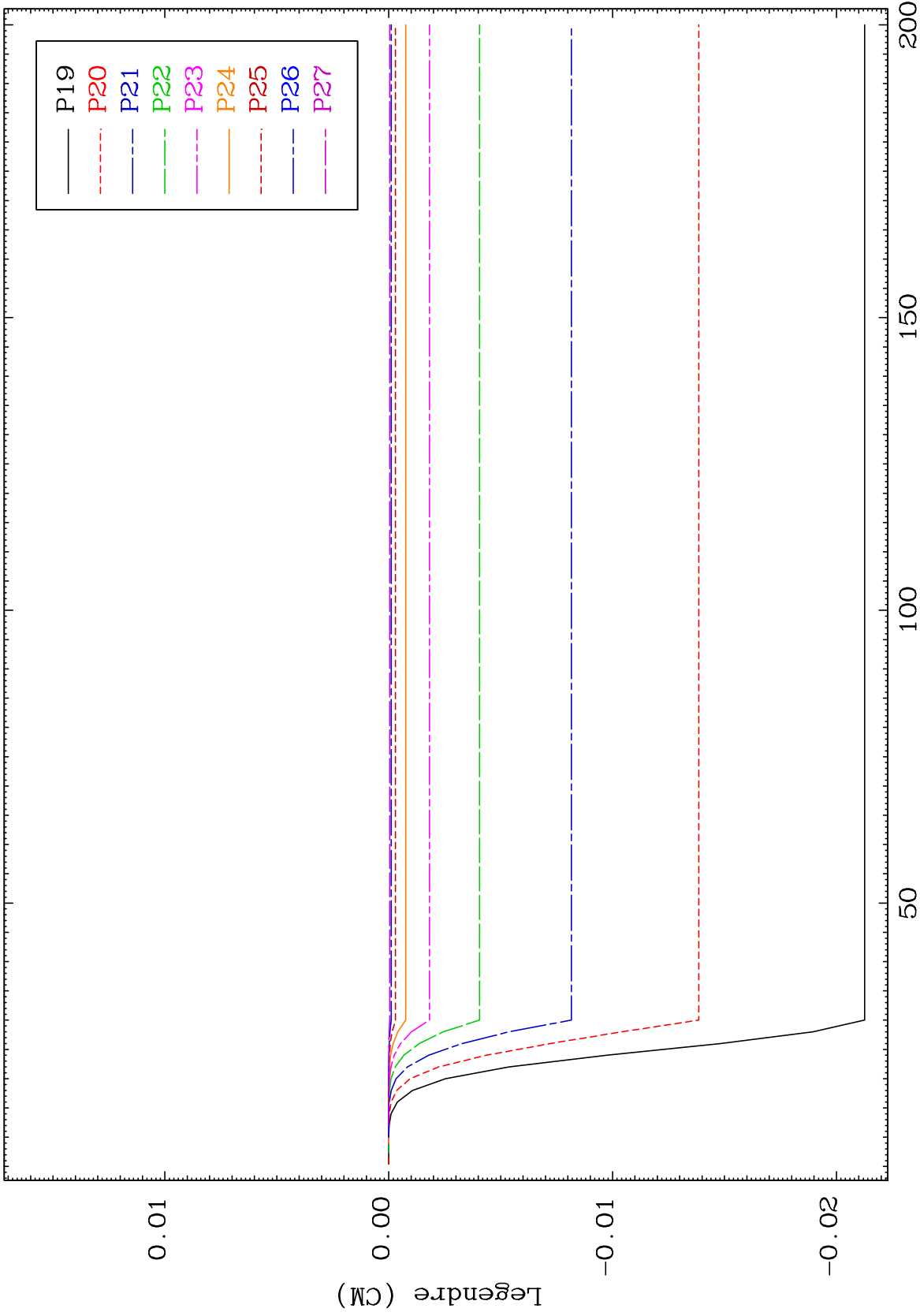
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 58 (n,n') Level  
Legendre Coefficients

63-Eu-146



47

Incident Energy (MeV)

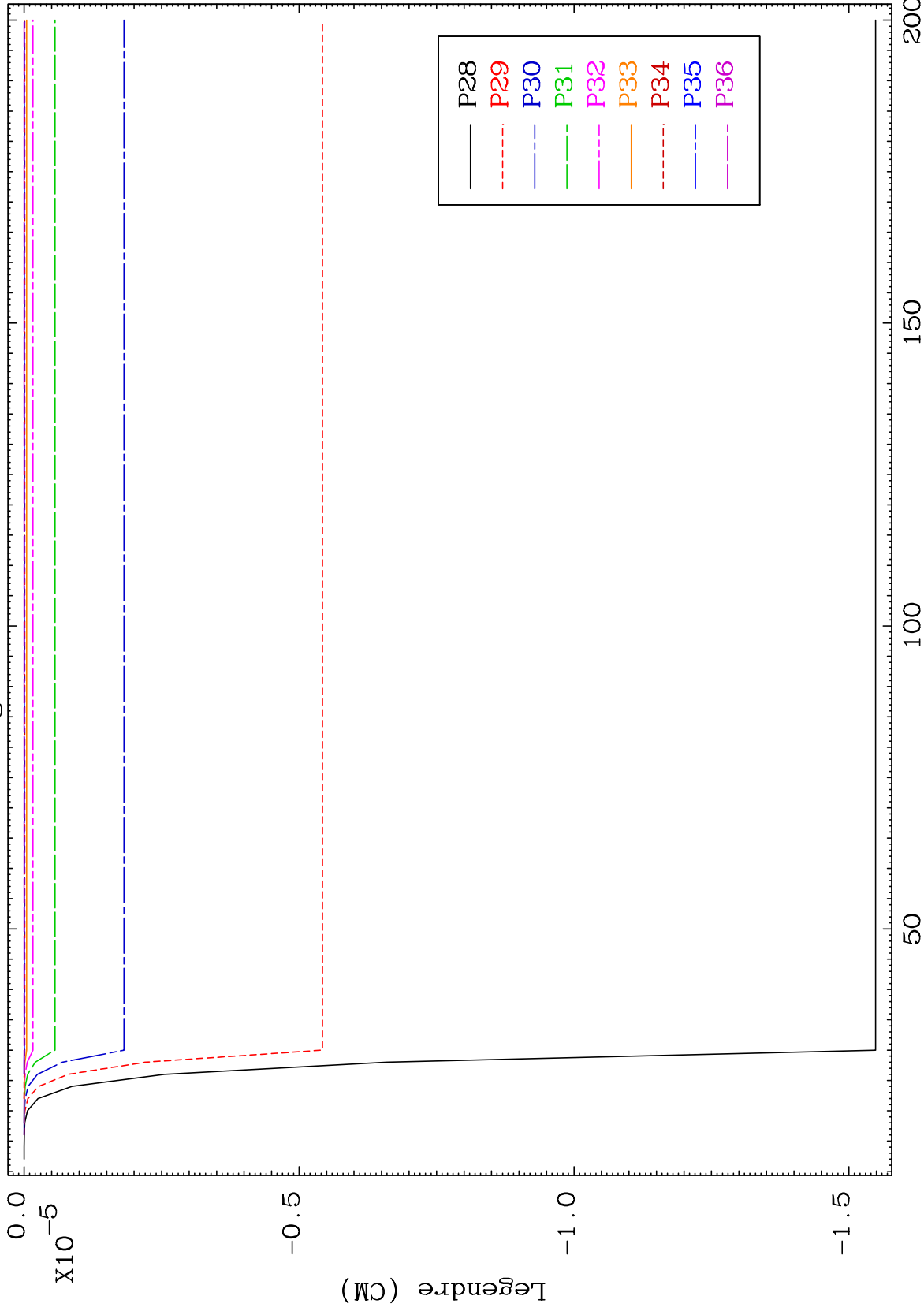
63-Eu-146



MAT 6310

MT= 58 (n,n') Level  
Legendre Coefficients

63-Eu-146



48

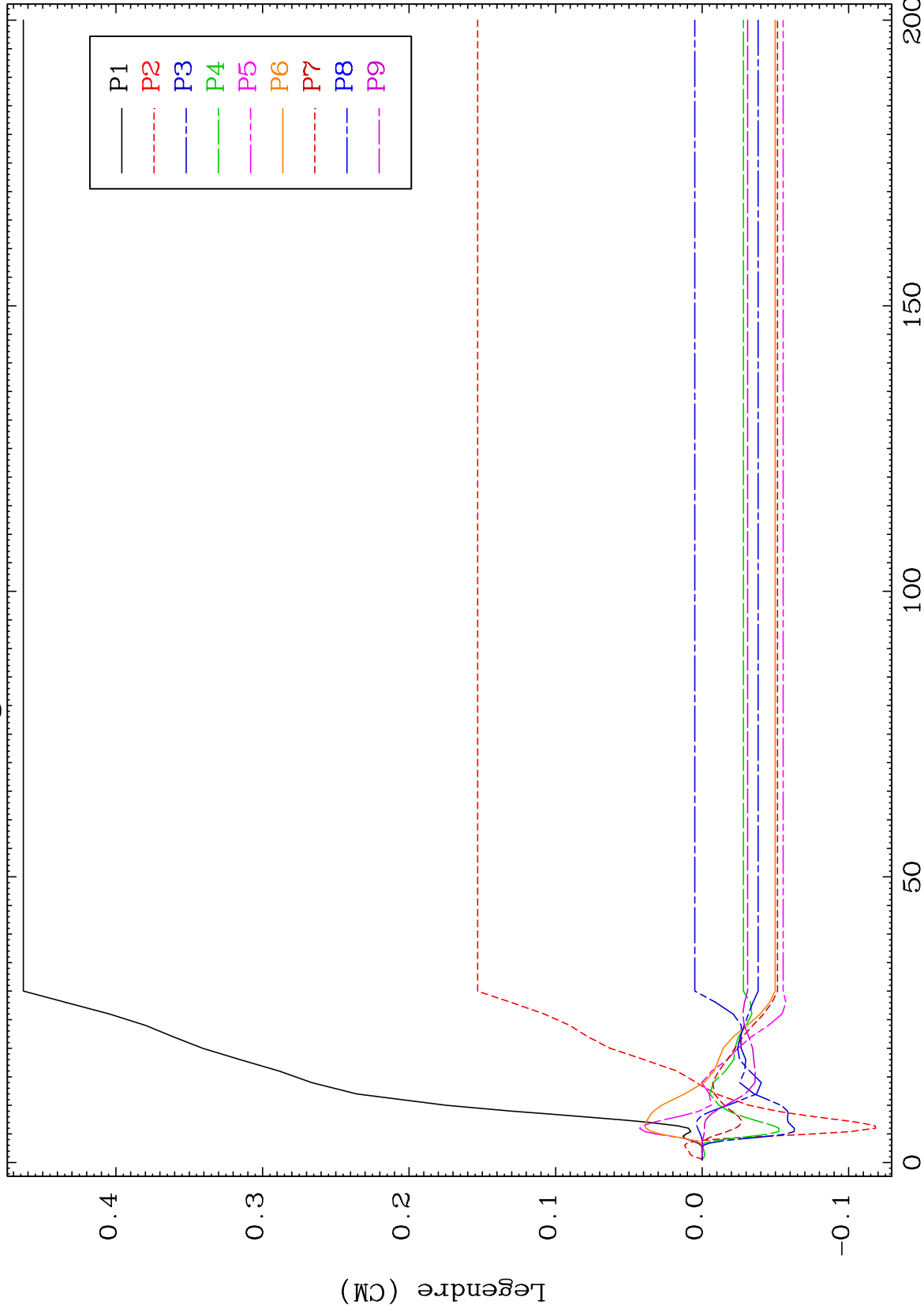
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 59 (n,n') Level  
Legendre Coefficients

63-Eu-146



49

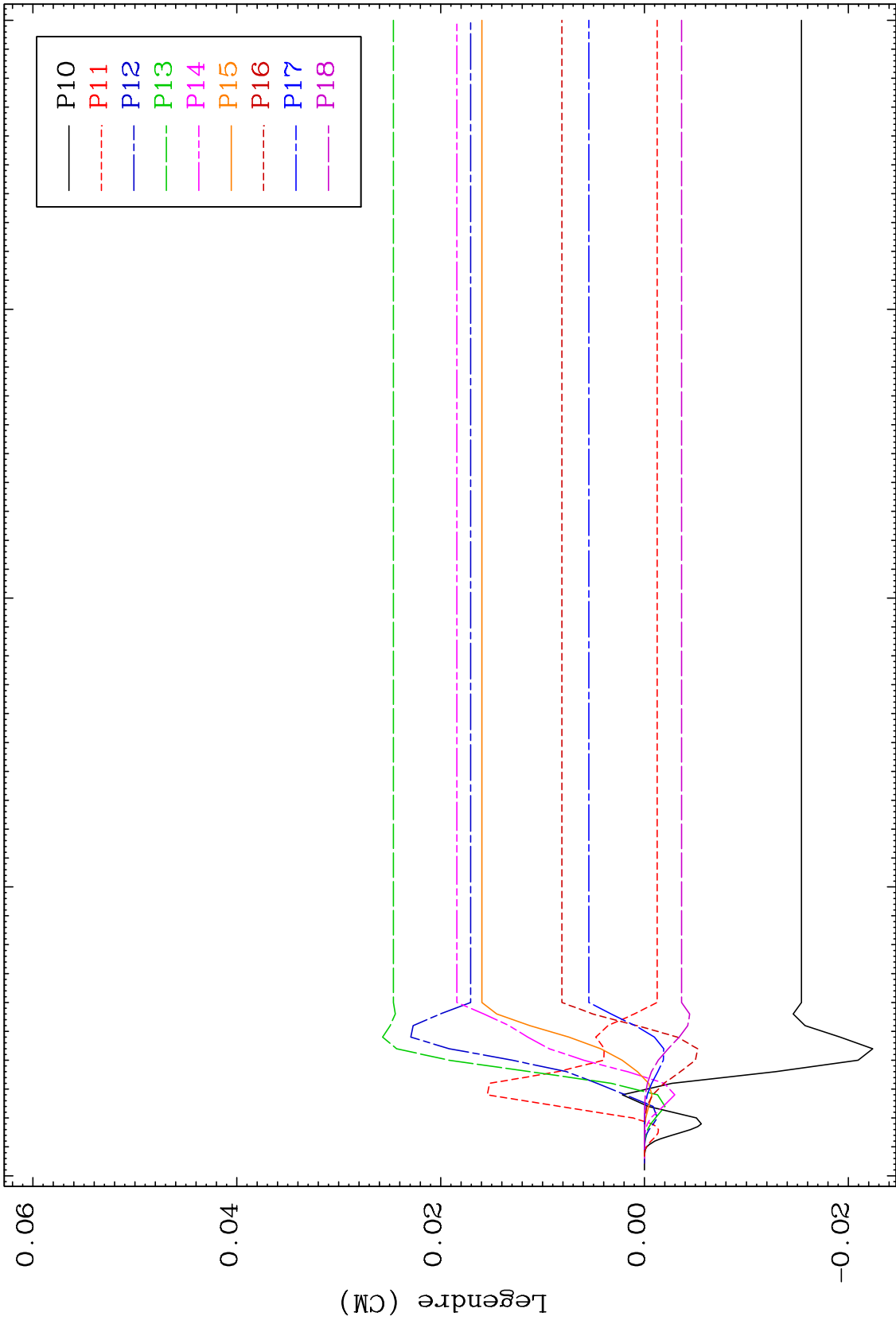
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 59 (n,n') Level  
Legendre Coefficients

63-Eu-146



63-Eu-146

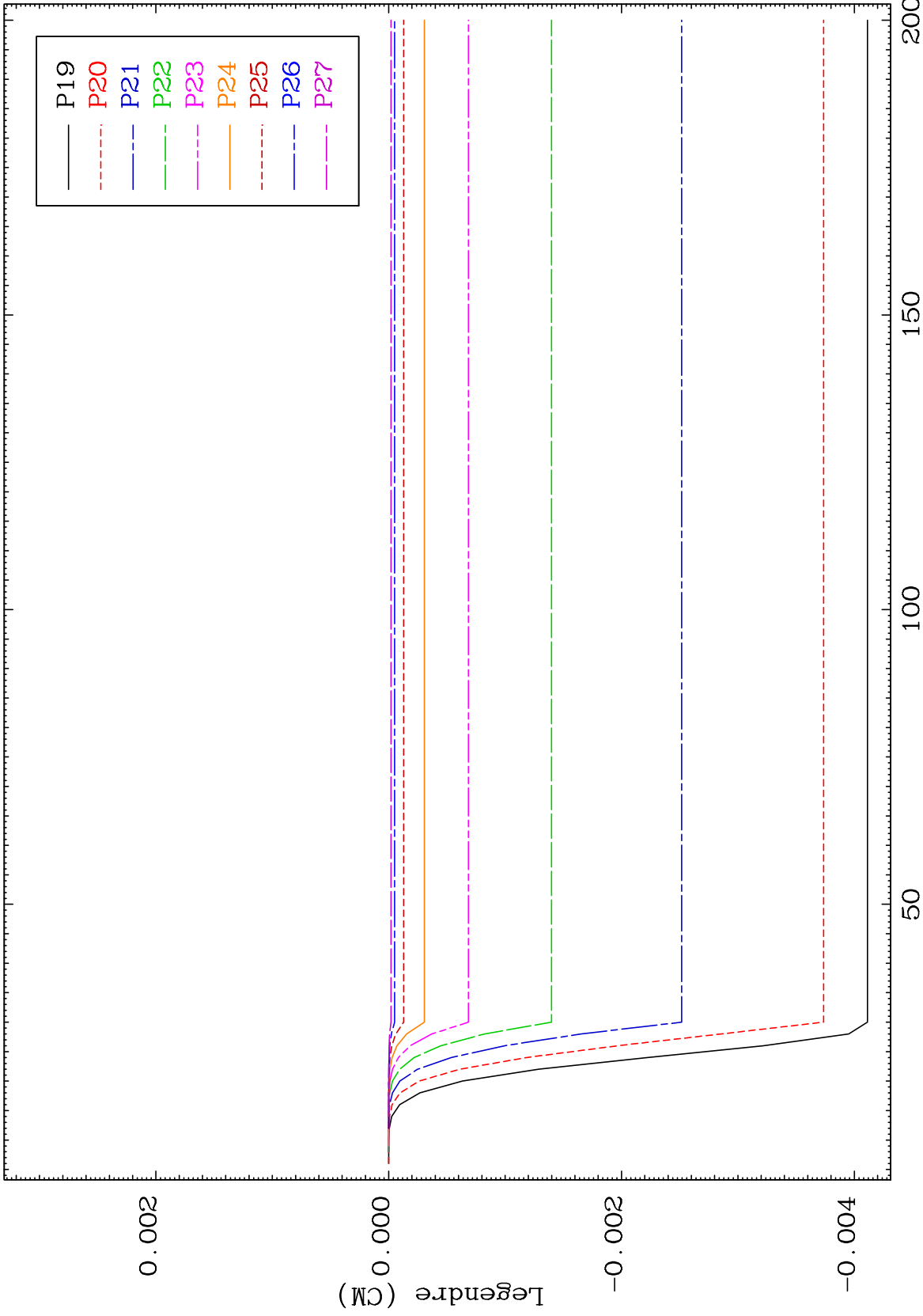
Incident Energy (MeV)

50

MAT 6310

MT= 59 (n,n') Level  
Legendre Coefficients

63-Eu-146



51

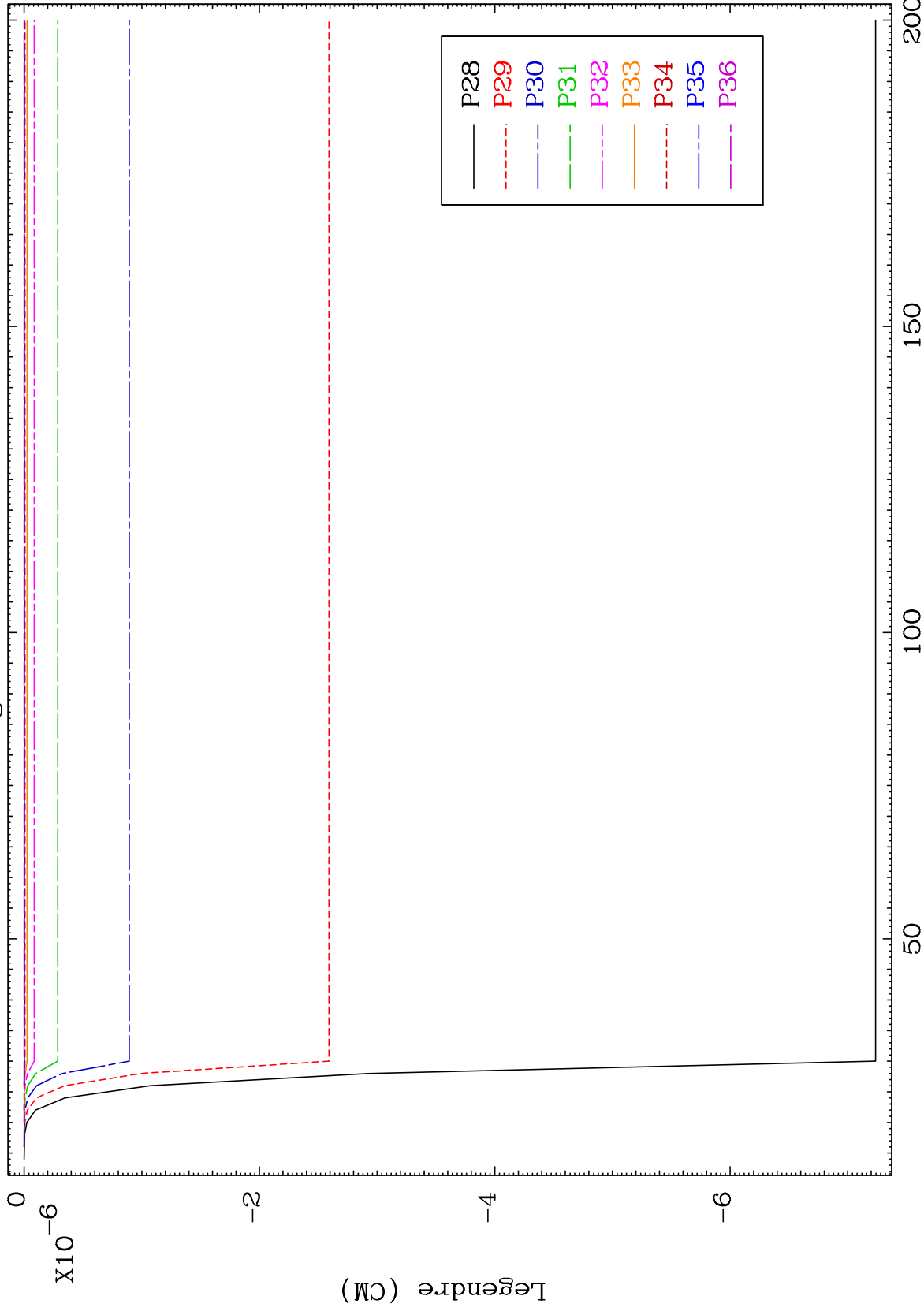
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 59 (n,n') Level  
Legendre Coefficients

63-Eu-146



63-Eu-146

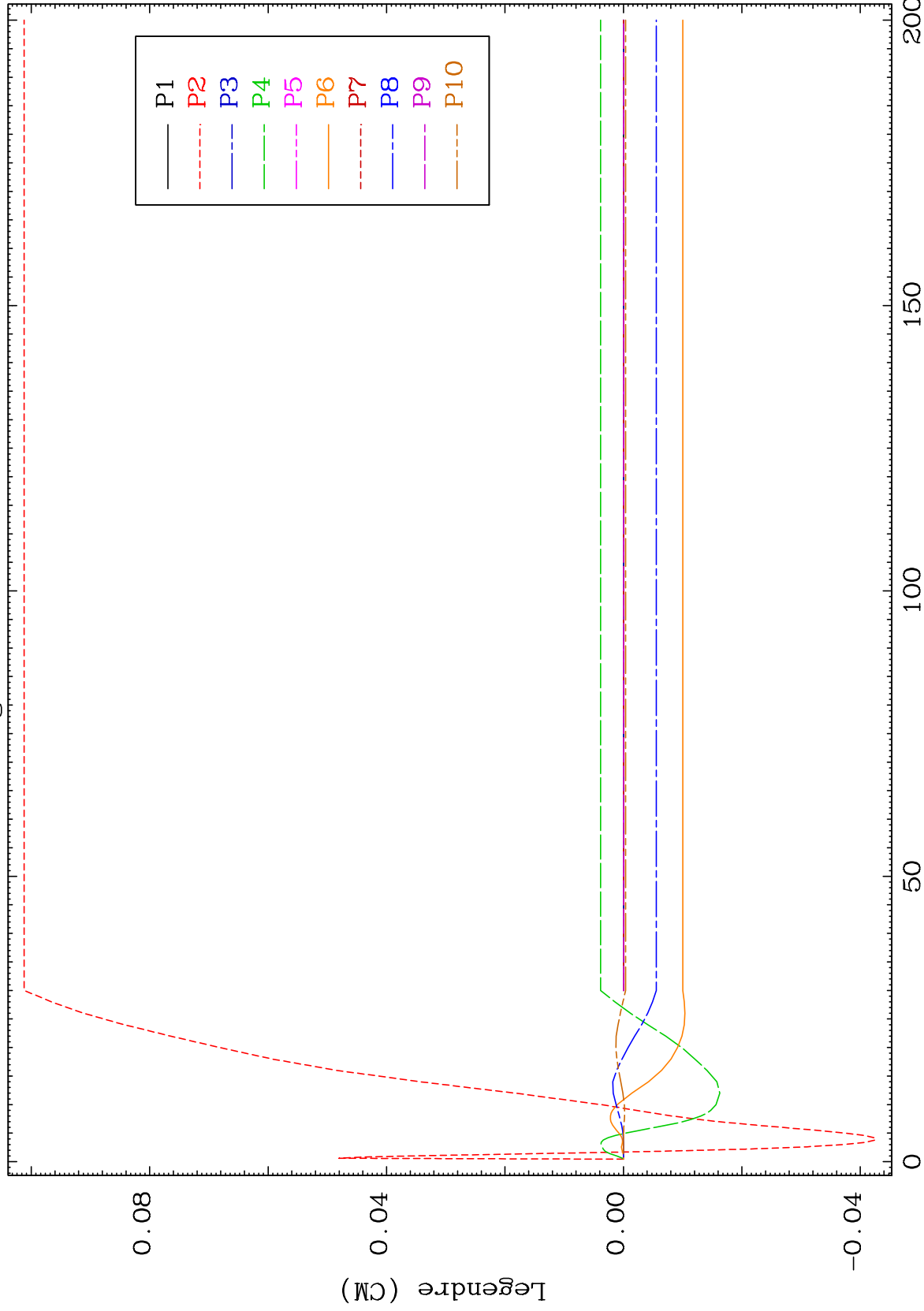
Incident Energy (MeV)

52

MAT 6310

MT= 60 (n,n') Level  
Legendre Coefficients

63-Eu-146



53

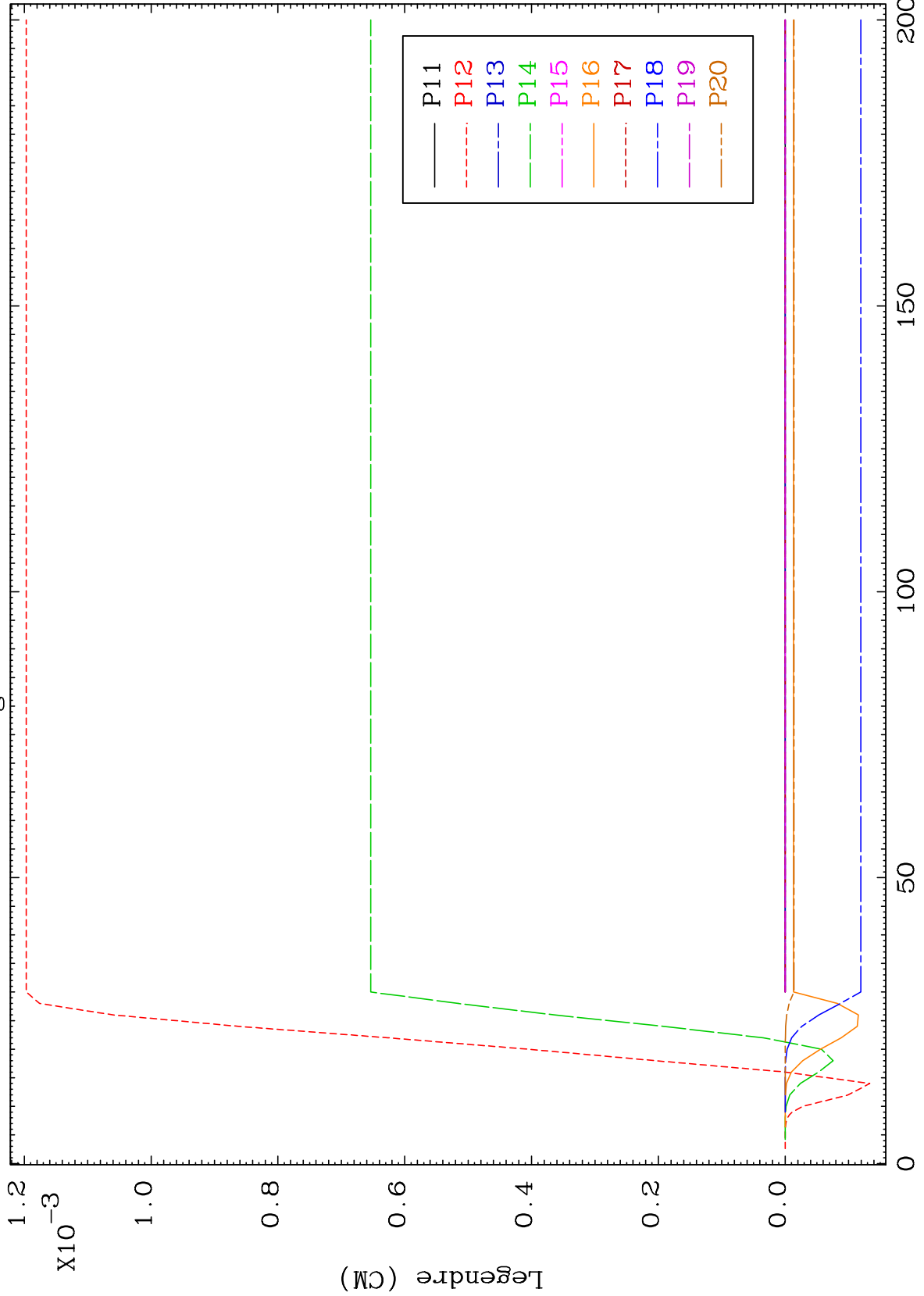
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 60 (n,n') Level  
Legendre Coefficients

63-Eu-146



54

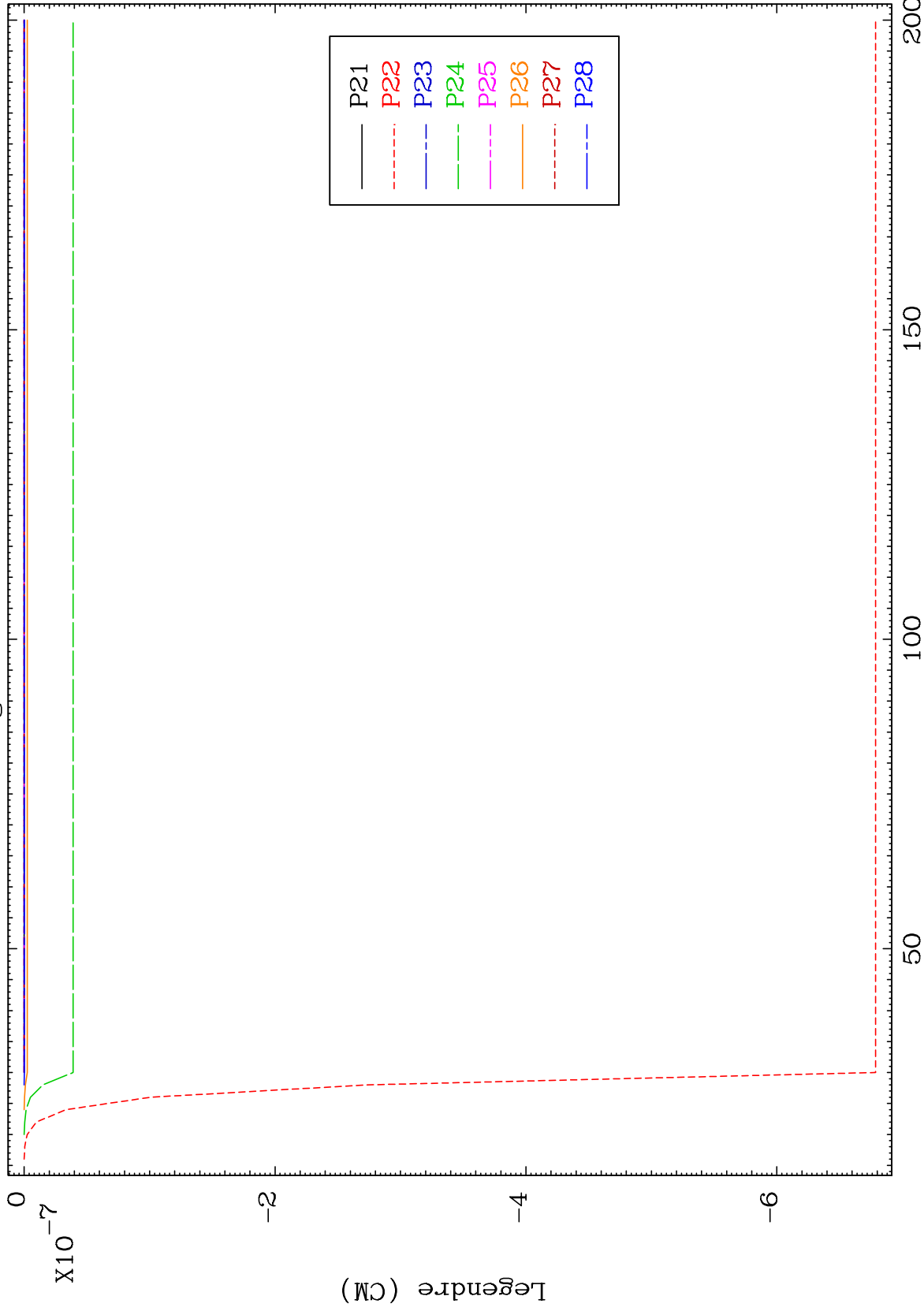
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 60 (n,n') Level  
Legendre Coefficients

63-Eu-146



63-Eu-146

Incident Energy (MeV)

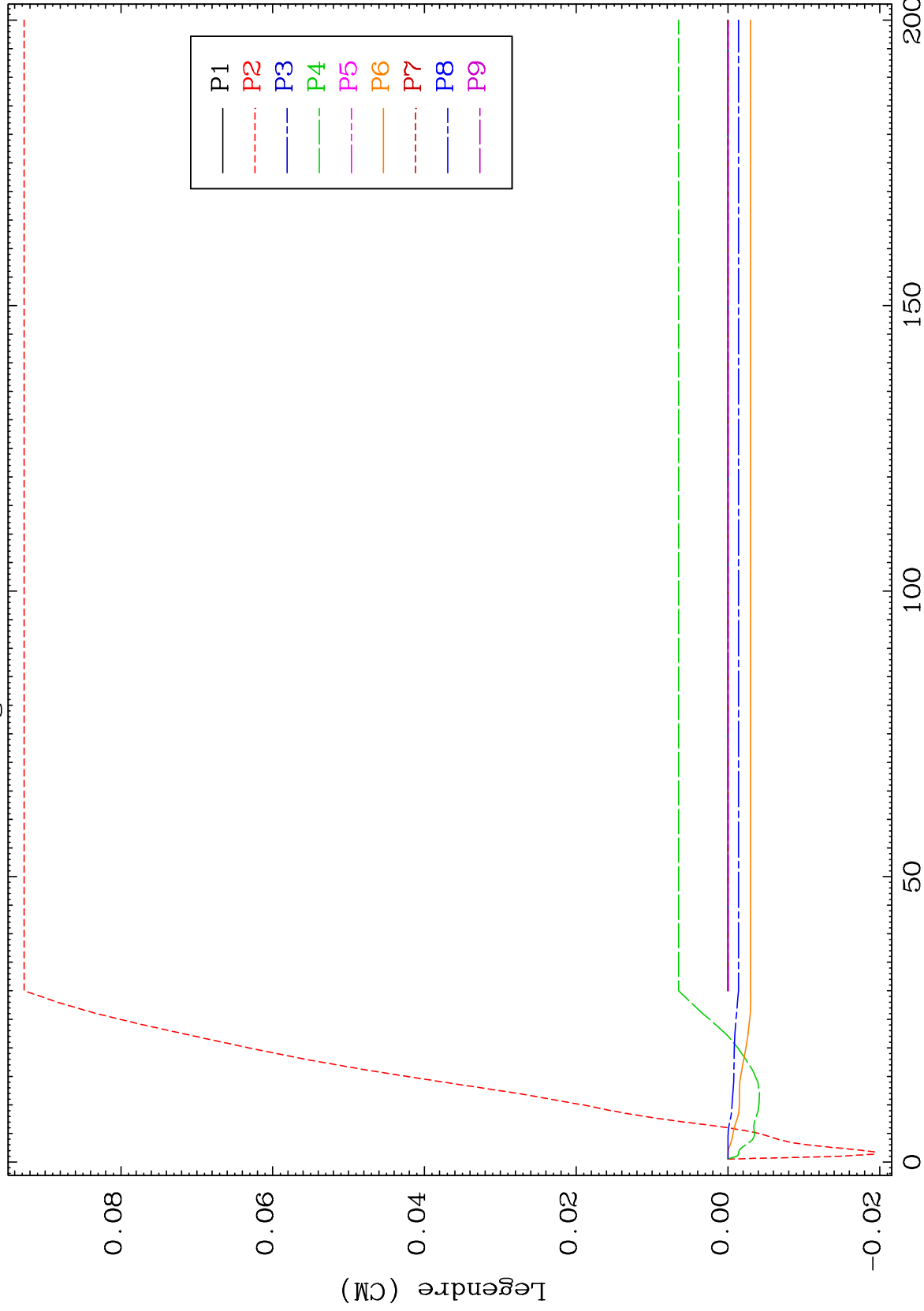
55



MAT 6310

MT= 61 (n,n') Level  
Legendre Coefficients

63-Eu-146



56

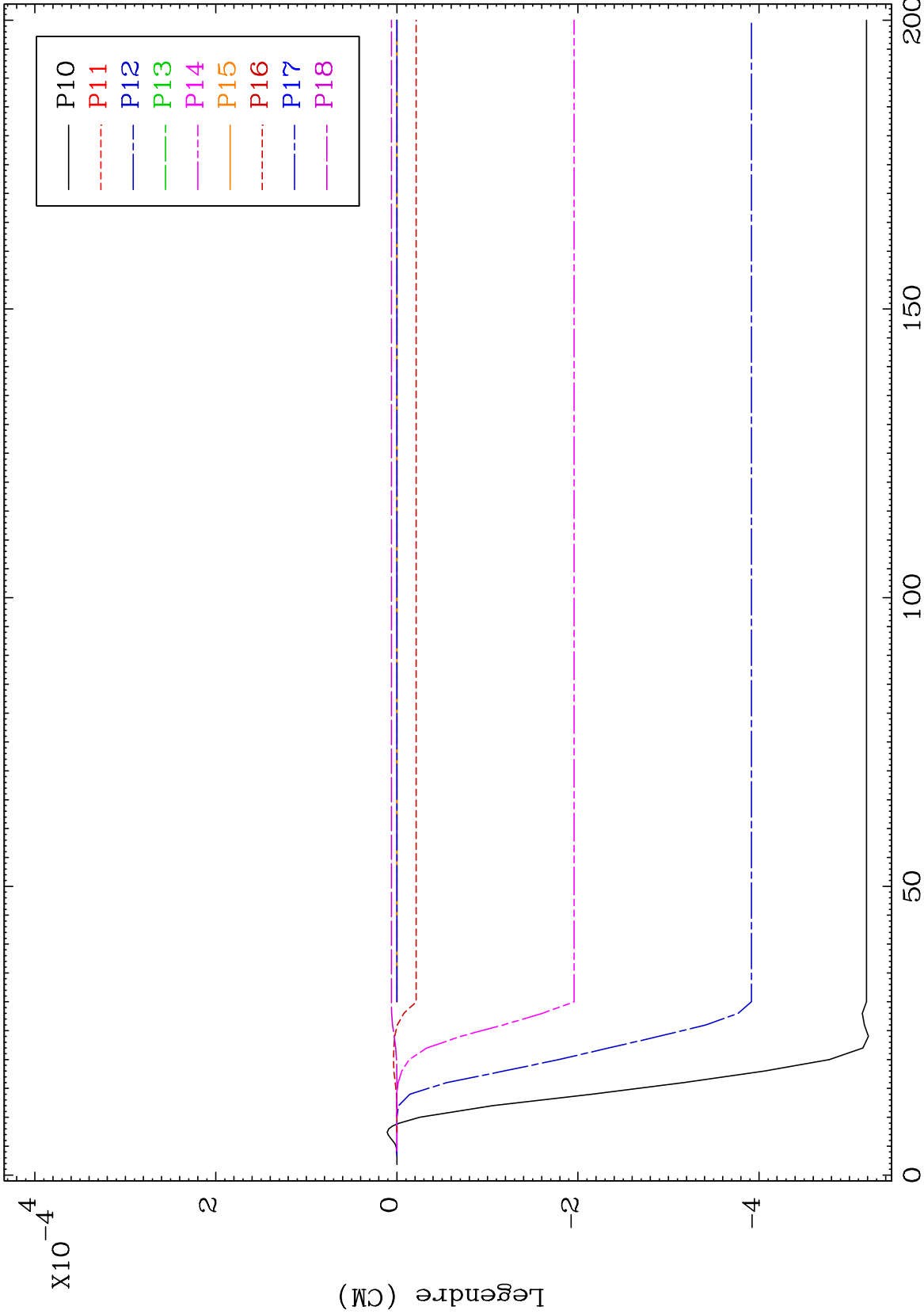
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 61 (n,n') Level  
Legendre Coefficients

63-Eu-146



57

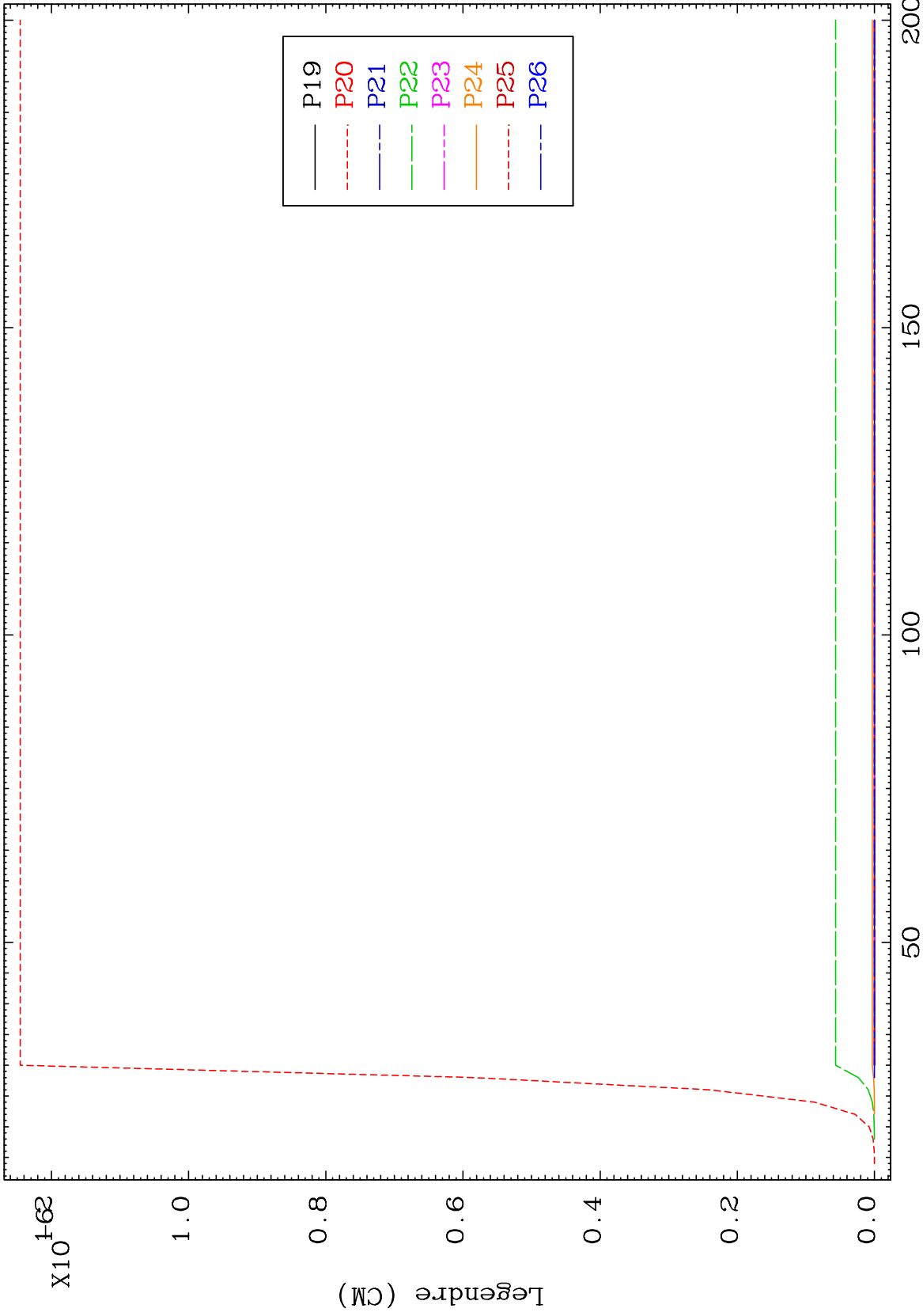
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 61 (n,n') Level  
Legendre Coefficients

63-Eu-146



58

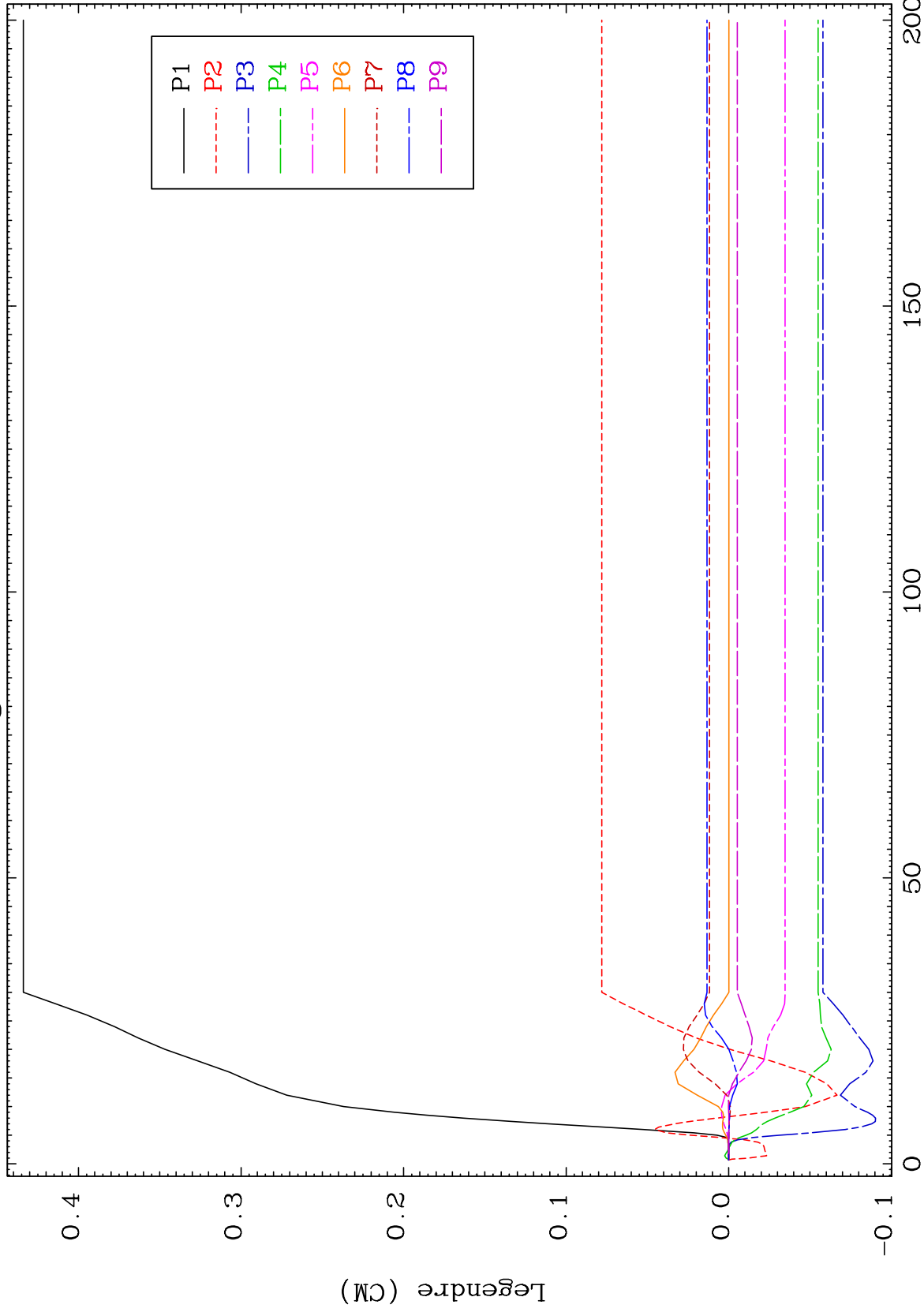
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 62 (n,n') Level  
Legendre Coefficients

63-Eu-146



59

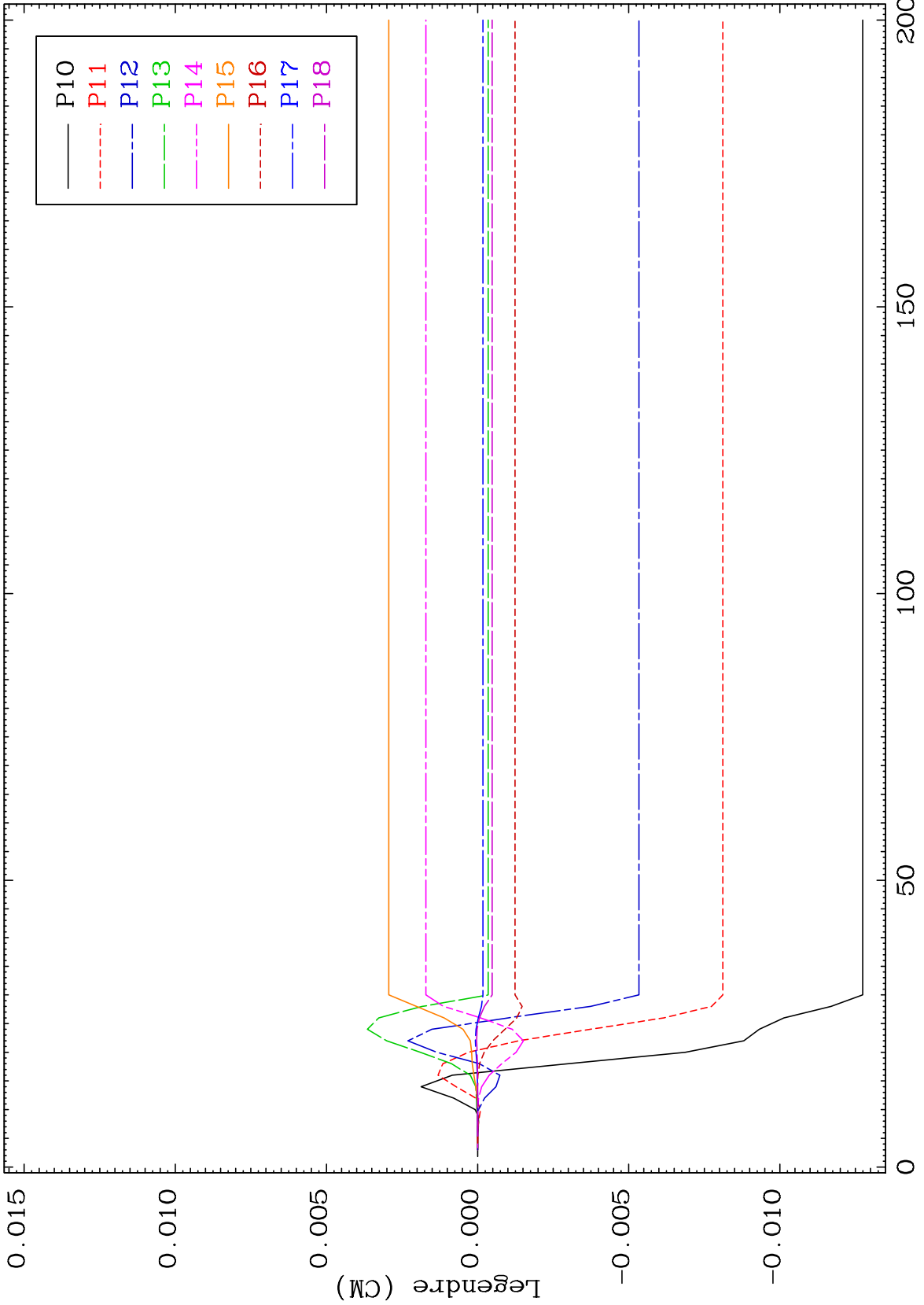
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 62 (n,n') Level  
Legendre Coefficients

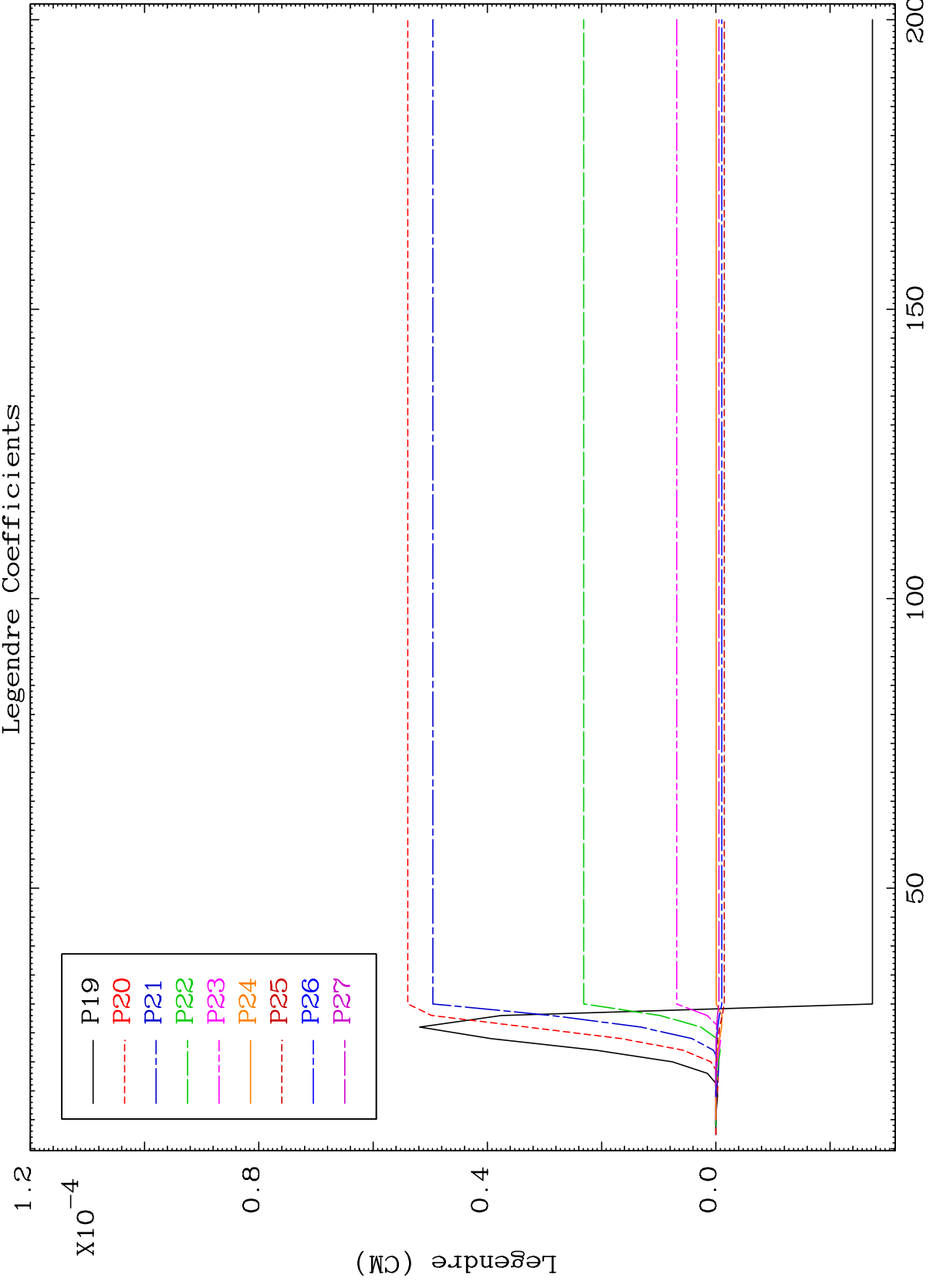
63-Eu-146



60

Incident Energy (MeV)

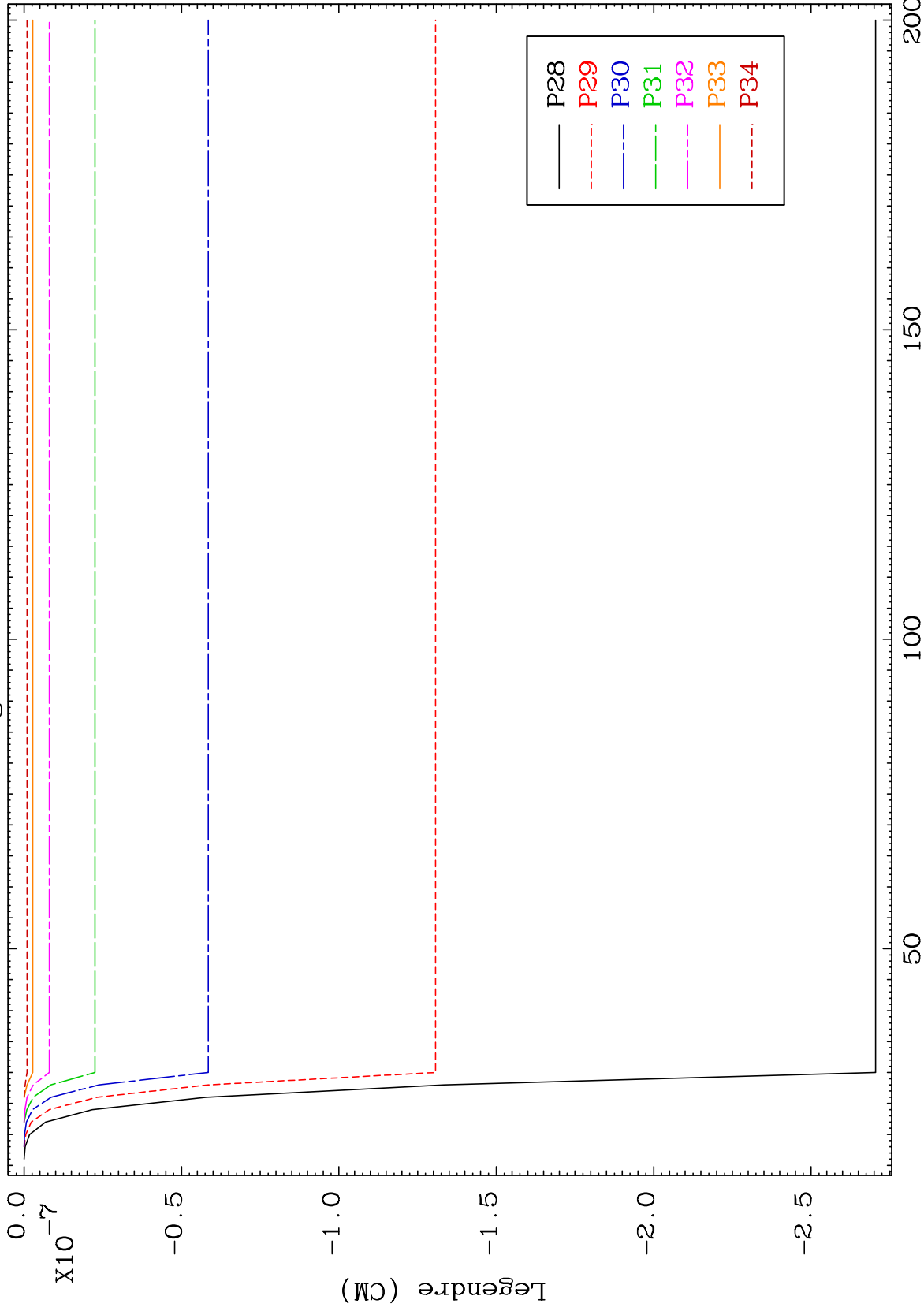
63-Eu-146



MAT 6310

MT= 62 (n,n') Level  
Legendre Coefficients

63-Eu-146



63-Eu-146

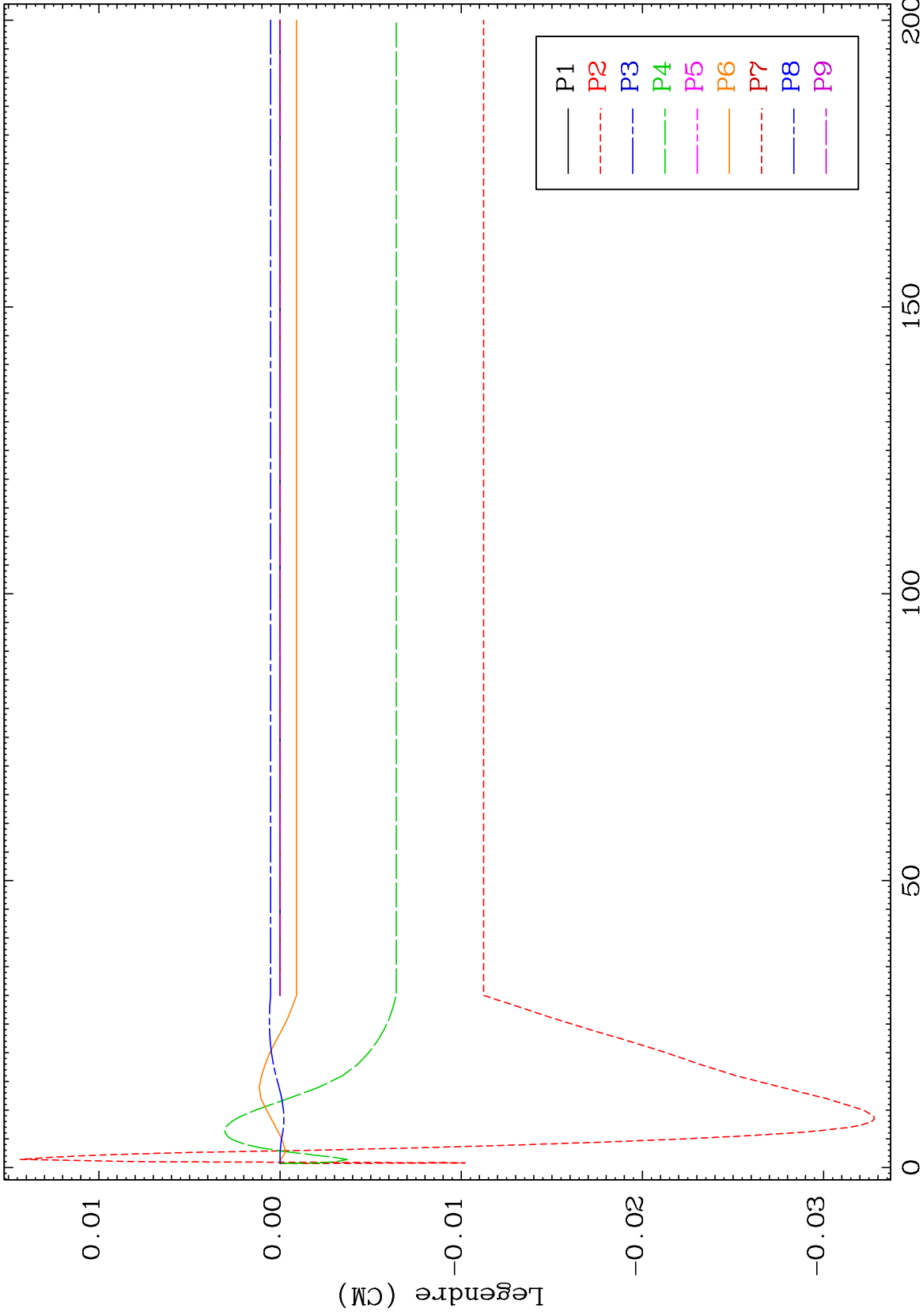
Incident Energy (MeV)

62

MAT 6310

MT= 63 (n,n') Level  
Legendre Coefficients

63-Eu-146



63

Incident Energy (MeV)

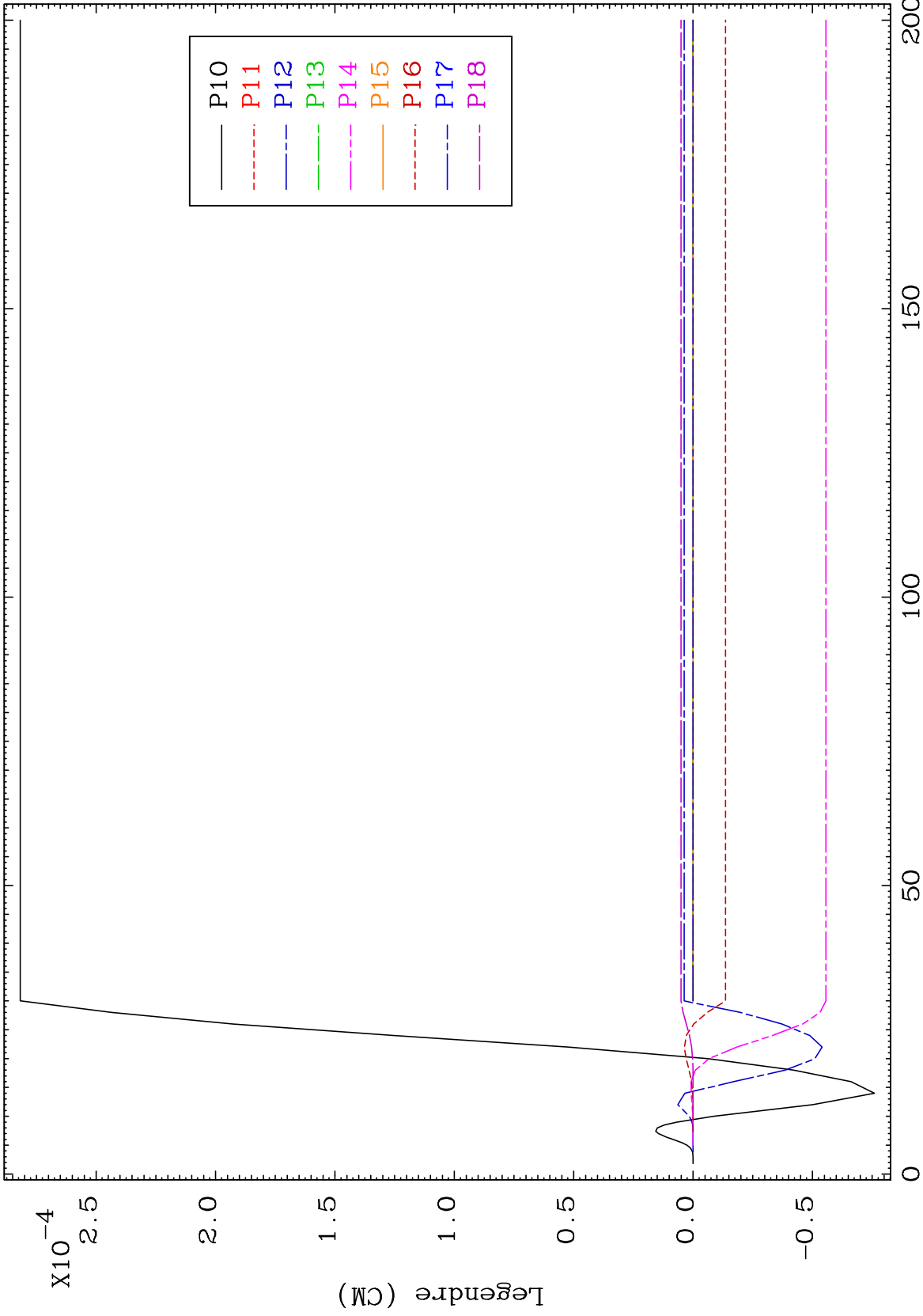
63-Eu-146



MAT 6310

MT= 63 (n,n') Level  
Legendre Coefficients

63-Eu-146



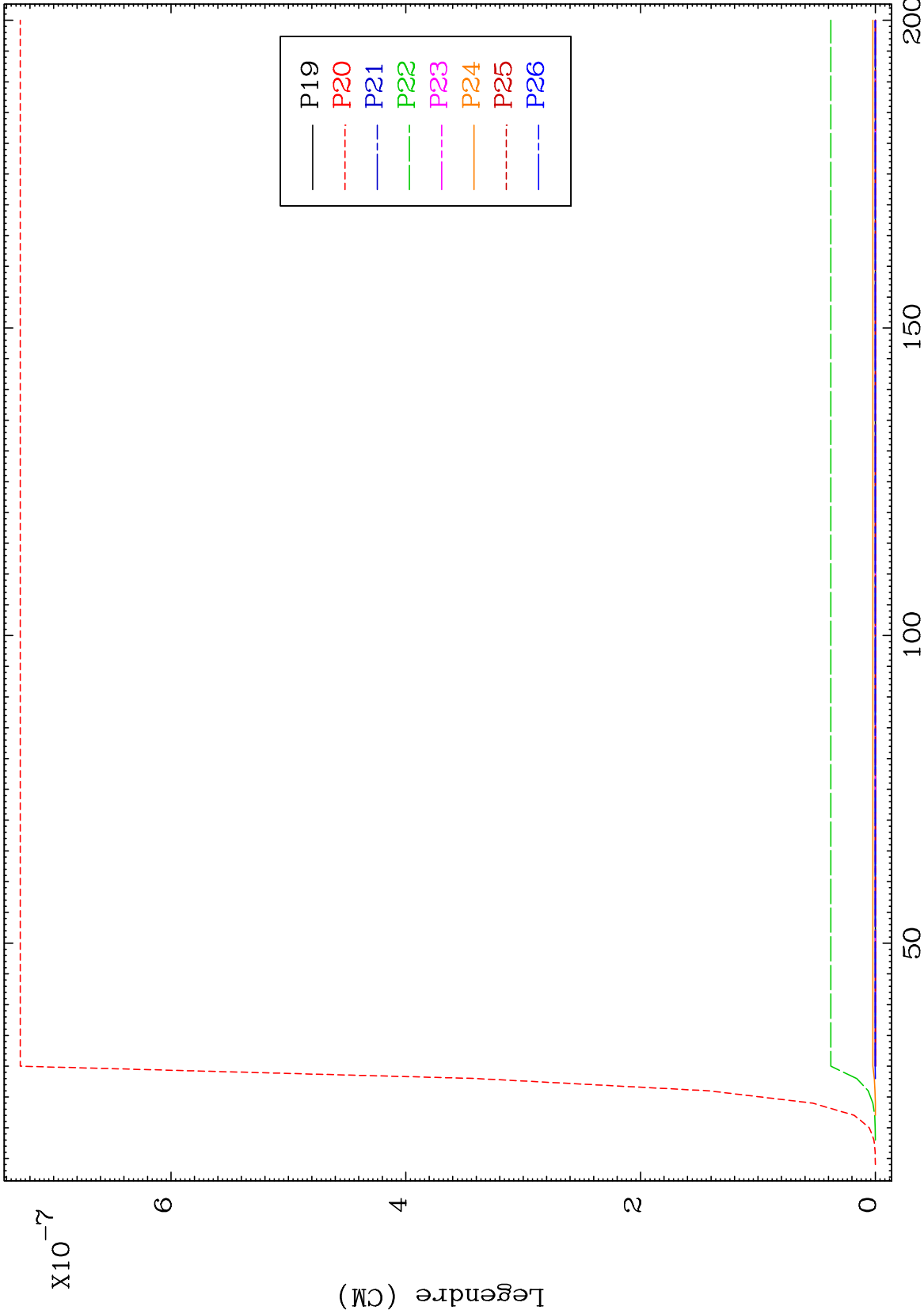
64

63-Eu-146

MAT 6310

MT= 63 (n,n') Level  
Legendre Coefficients

63-Eu-146



65

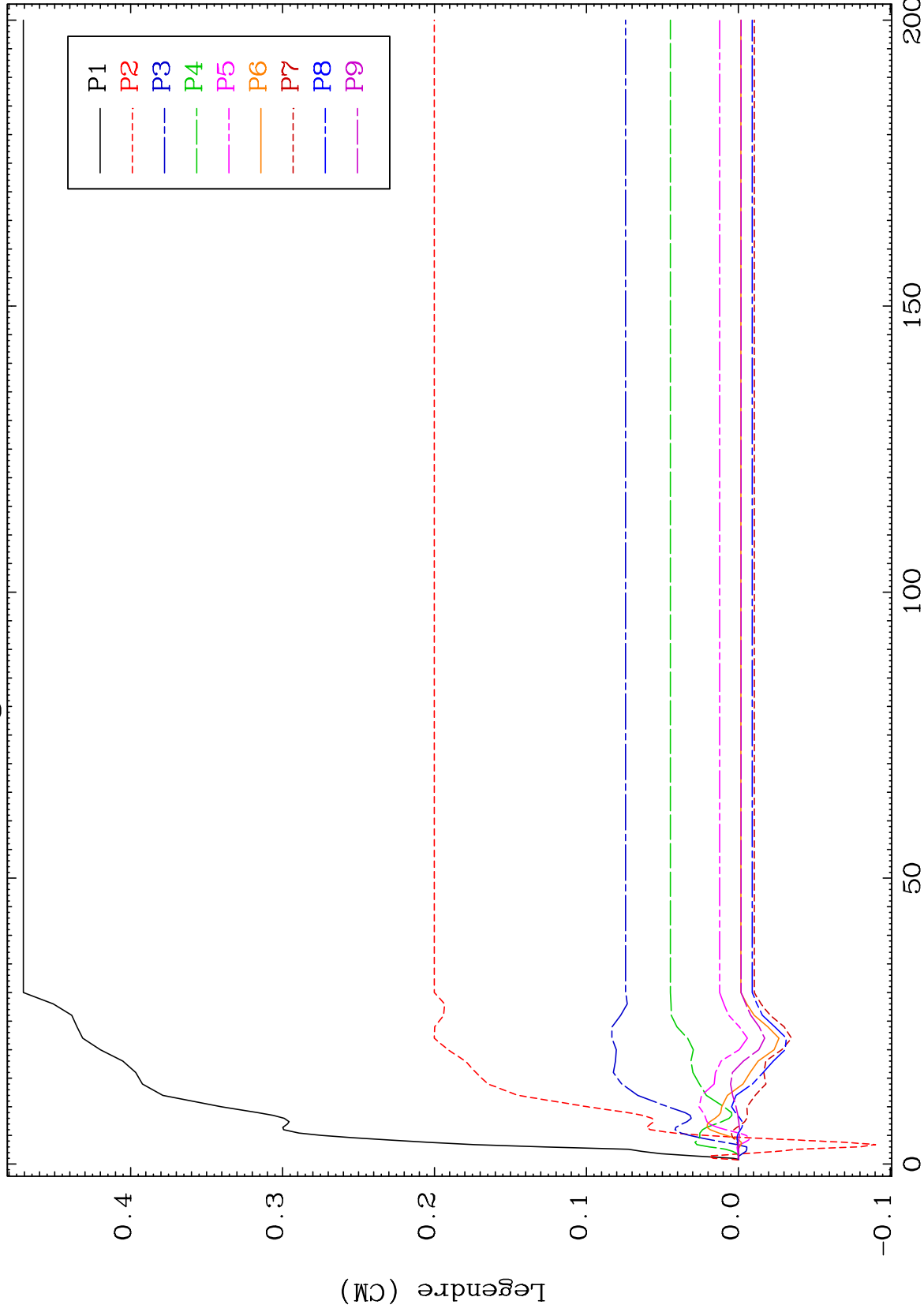
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 64 (n,n') Level  
Legendre Coefficients

63-Eu-146



66

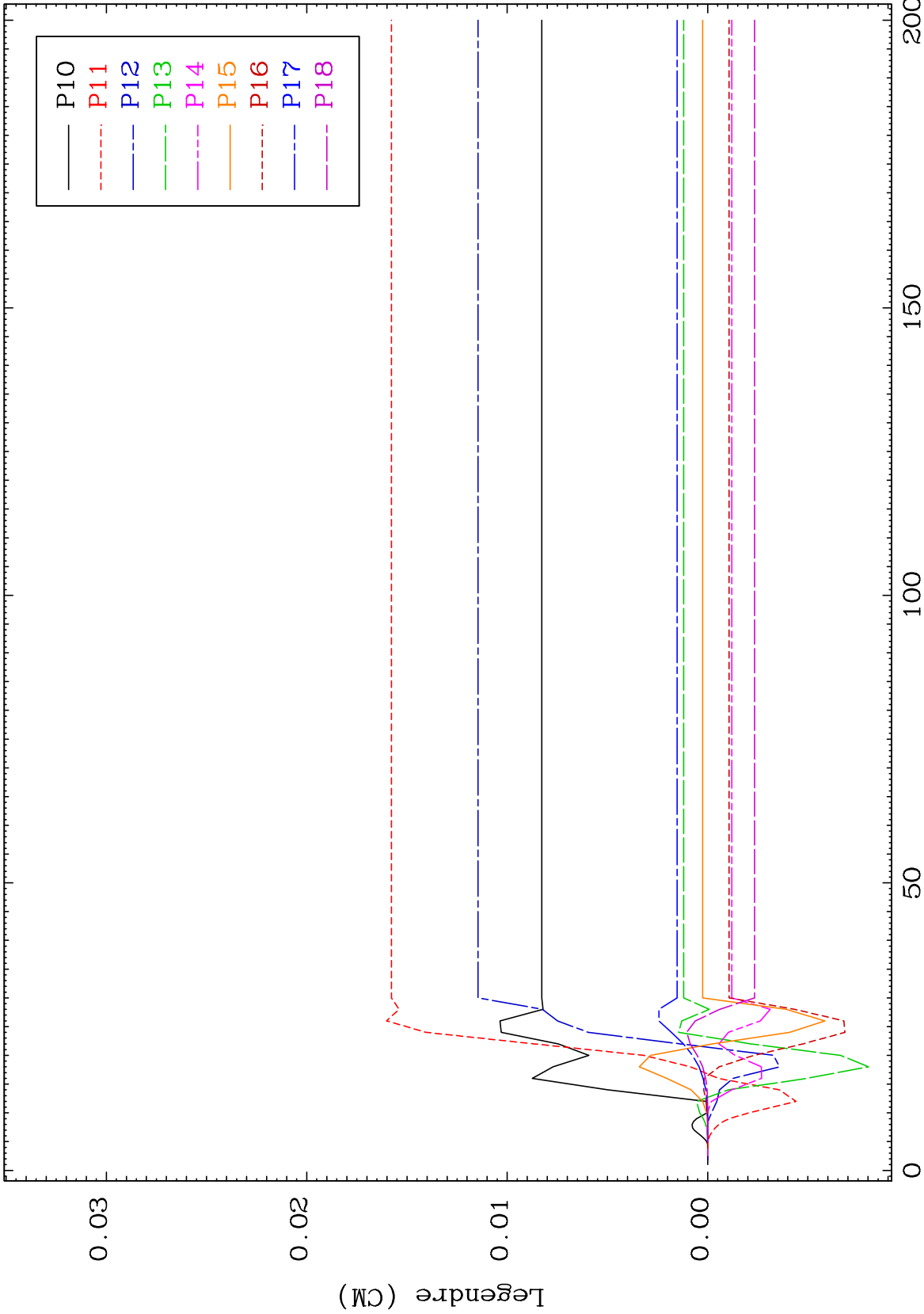
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 64 (n,n') Level  
Legendre Coefficients

63-Eu-146



67

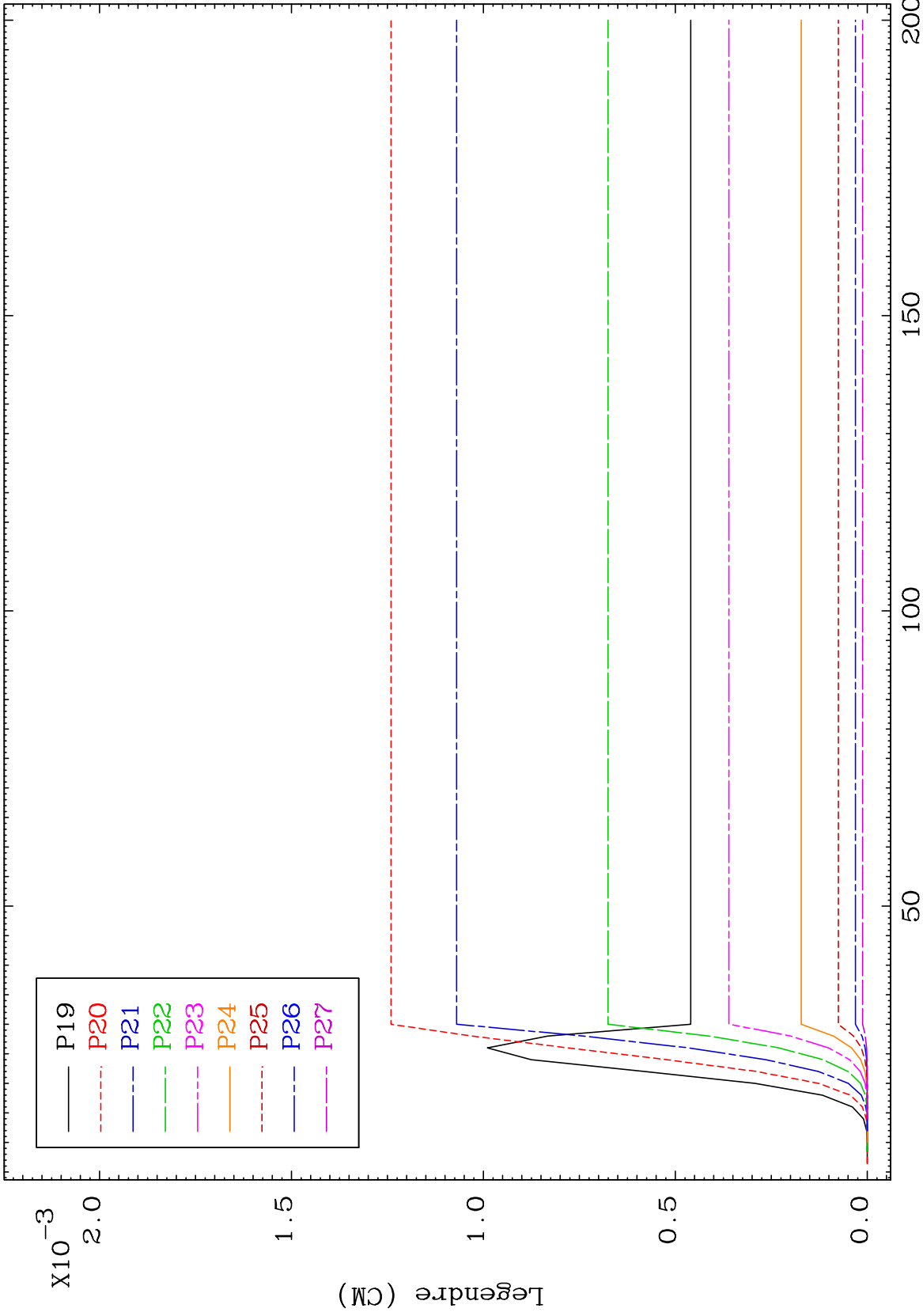
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 64 (n,n') Level  
Legendre Coefficients

63-Eu-146



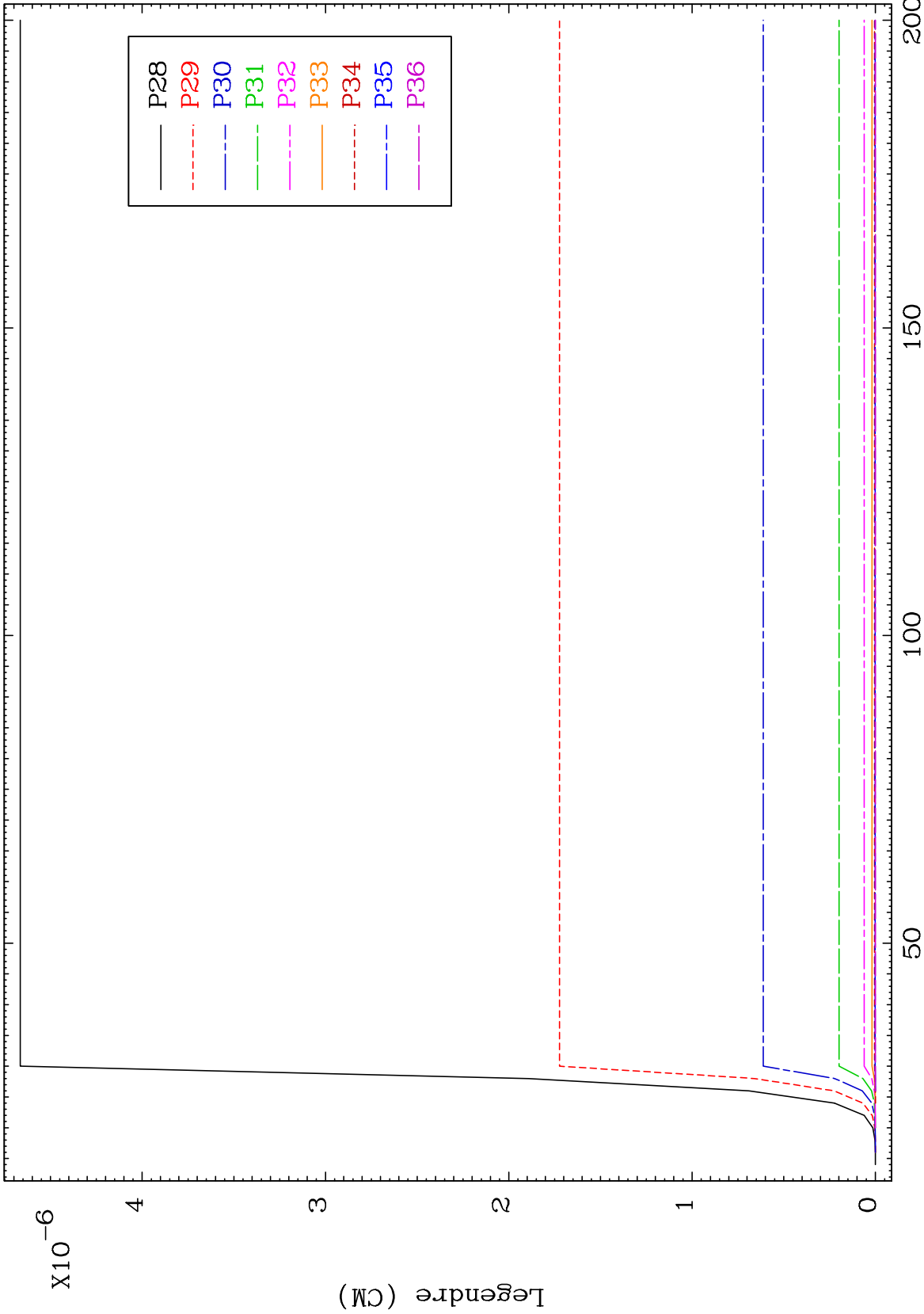
68

63-Eu-146

MAT 6310

MT= 64 (n,n') Level  
Legendre Coefficients

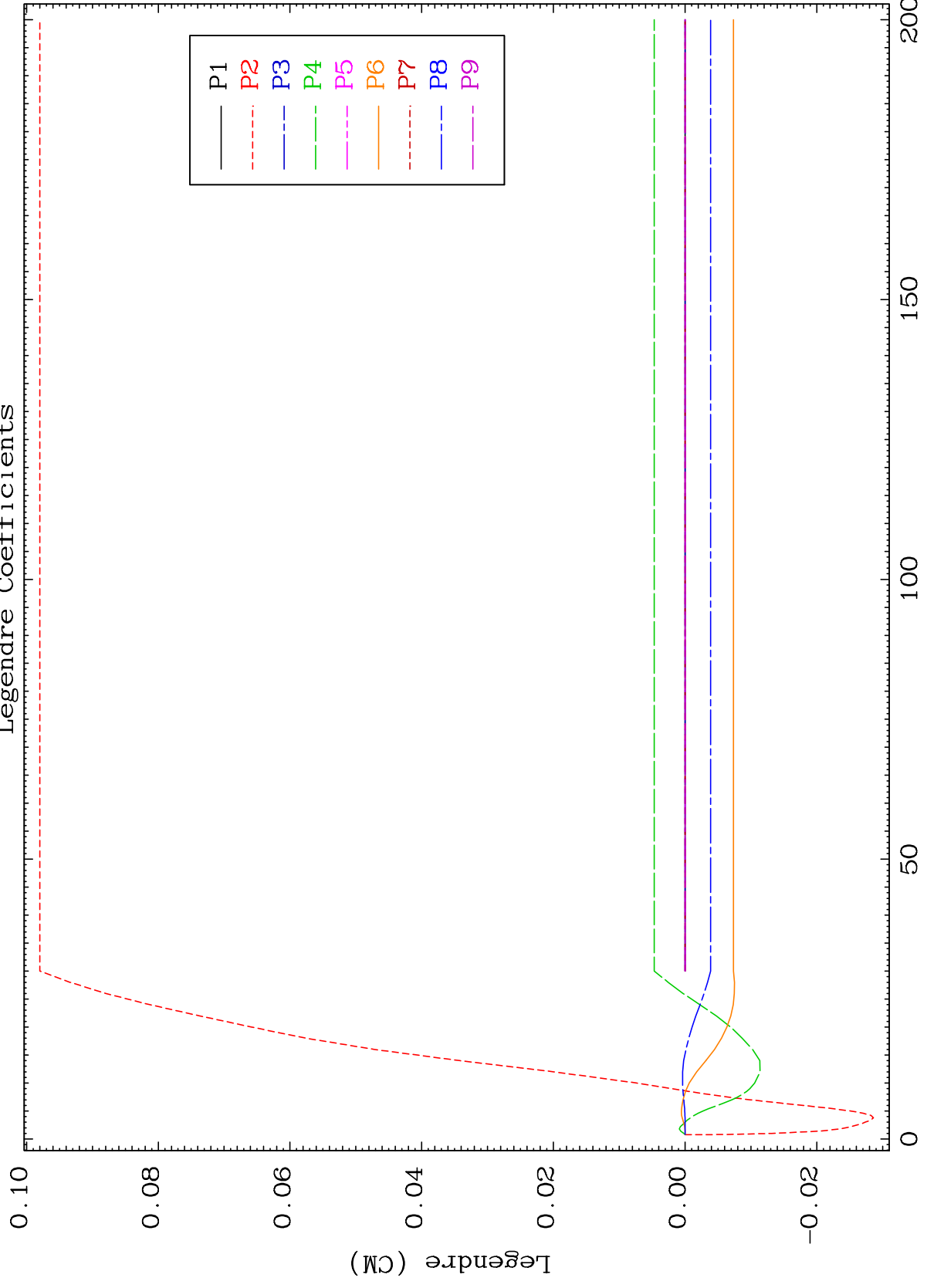
63-Eu-146



69

63-Eu-146

MAT 6310 MT= 65 (n,n') Level Legendre Coefficients 63-Eu-146

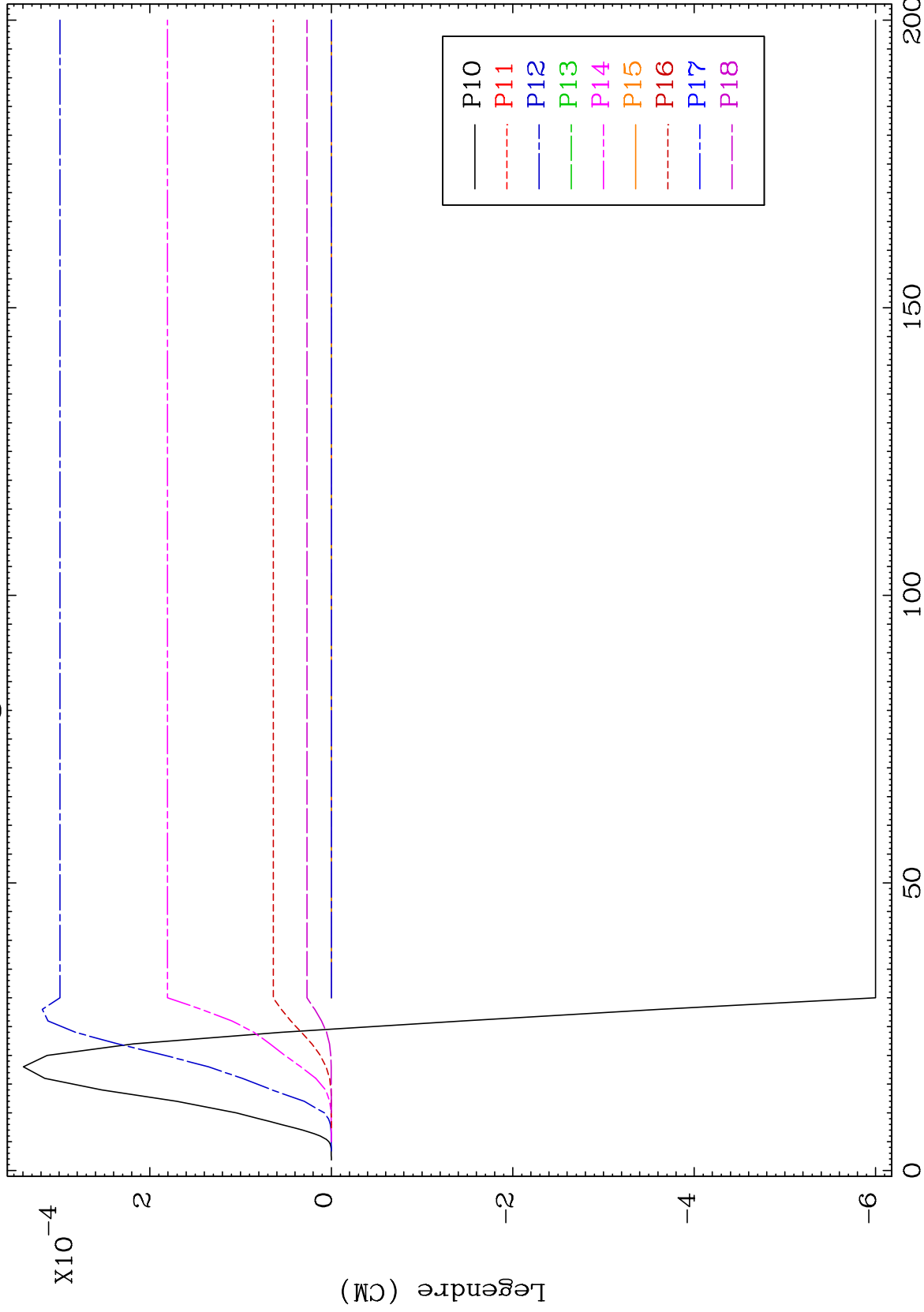


63-Eu-146

MAT 6310

MT= 65 (n,n') Level  
Legendre Coefficients

63-Eu-146



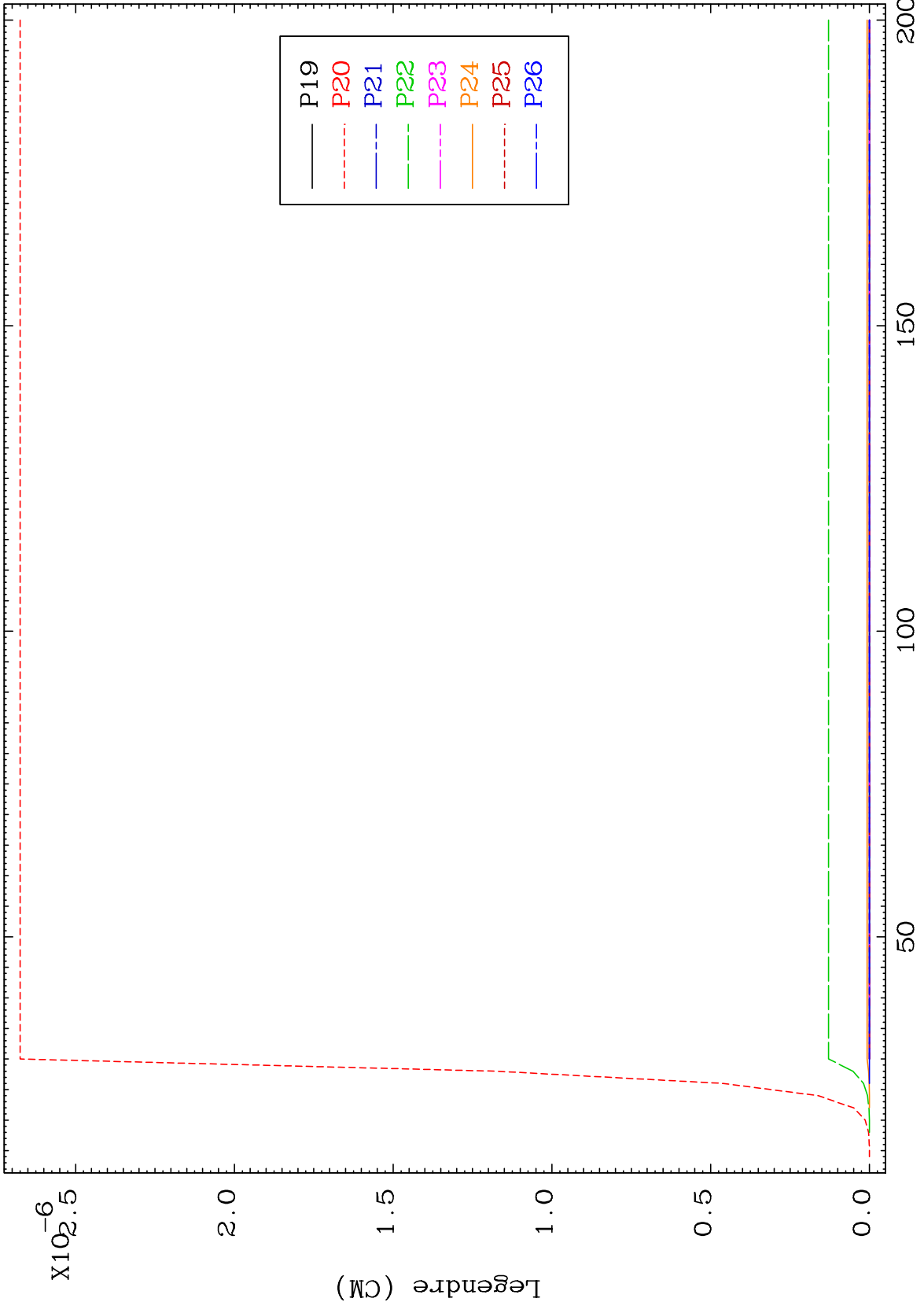
71

Incident Energy (MeV)

63-Eu-146



MAT 6310 MT= 65 (n,n') Level Legendre Coefficients 63-Eu-146

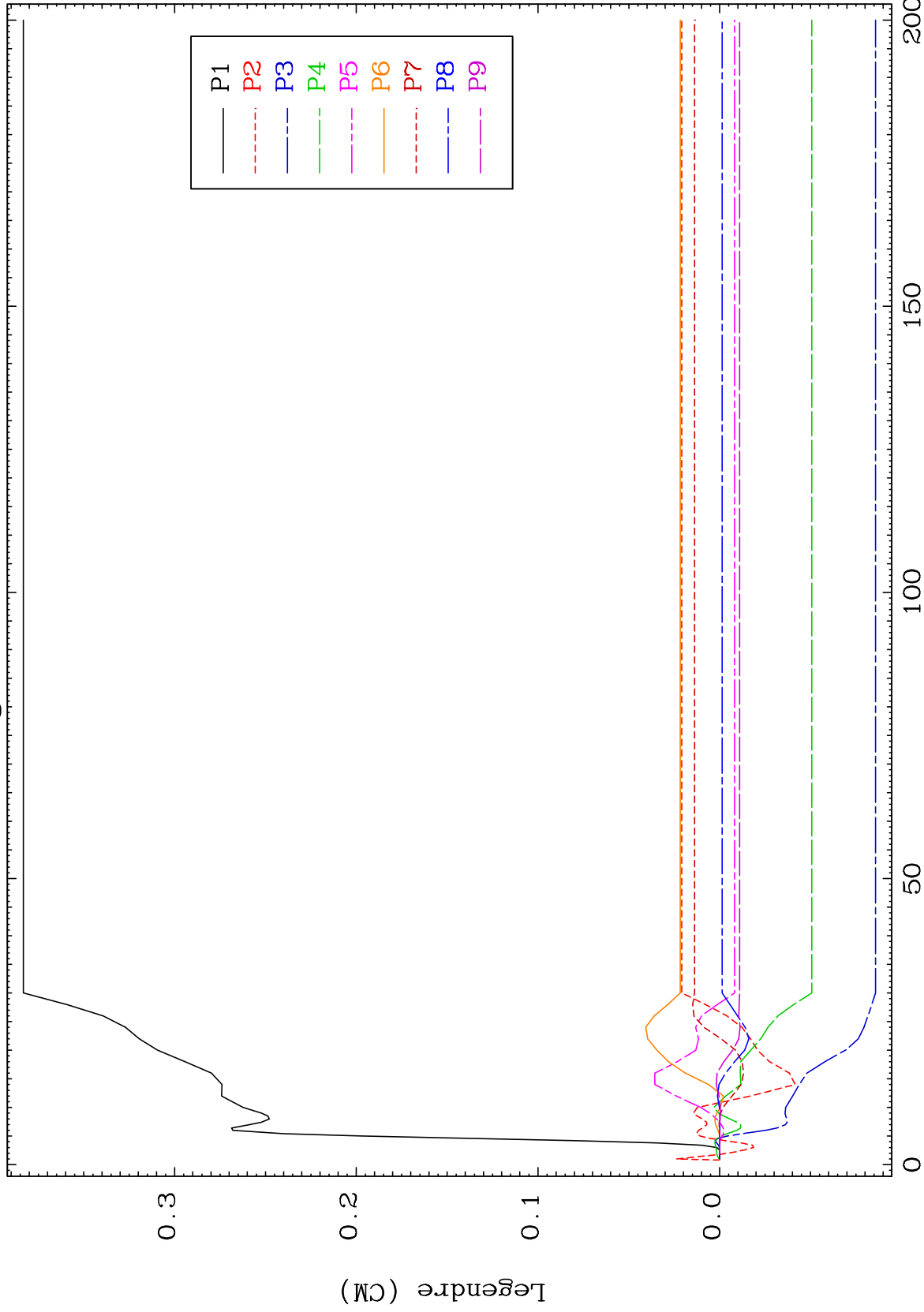


72 63-Eu-146

MAT 6310

MT= 66 (n,n') Level  
Legendre Coefficients

63-Eu-146



73

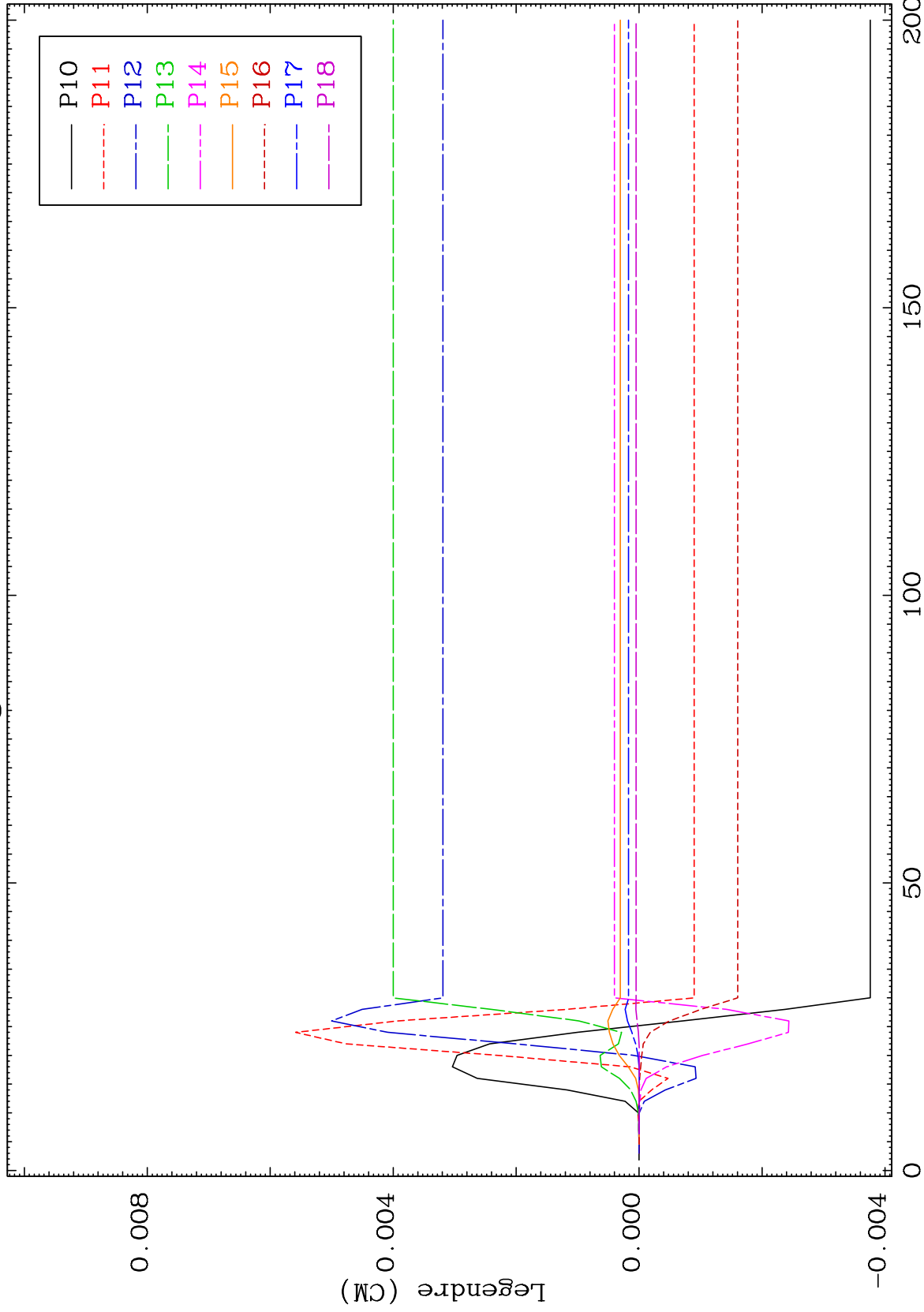
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 66 (n,n') Level  
Legendre Coefficients

63-Eu-146



74

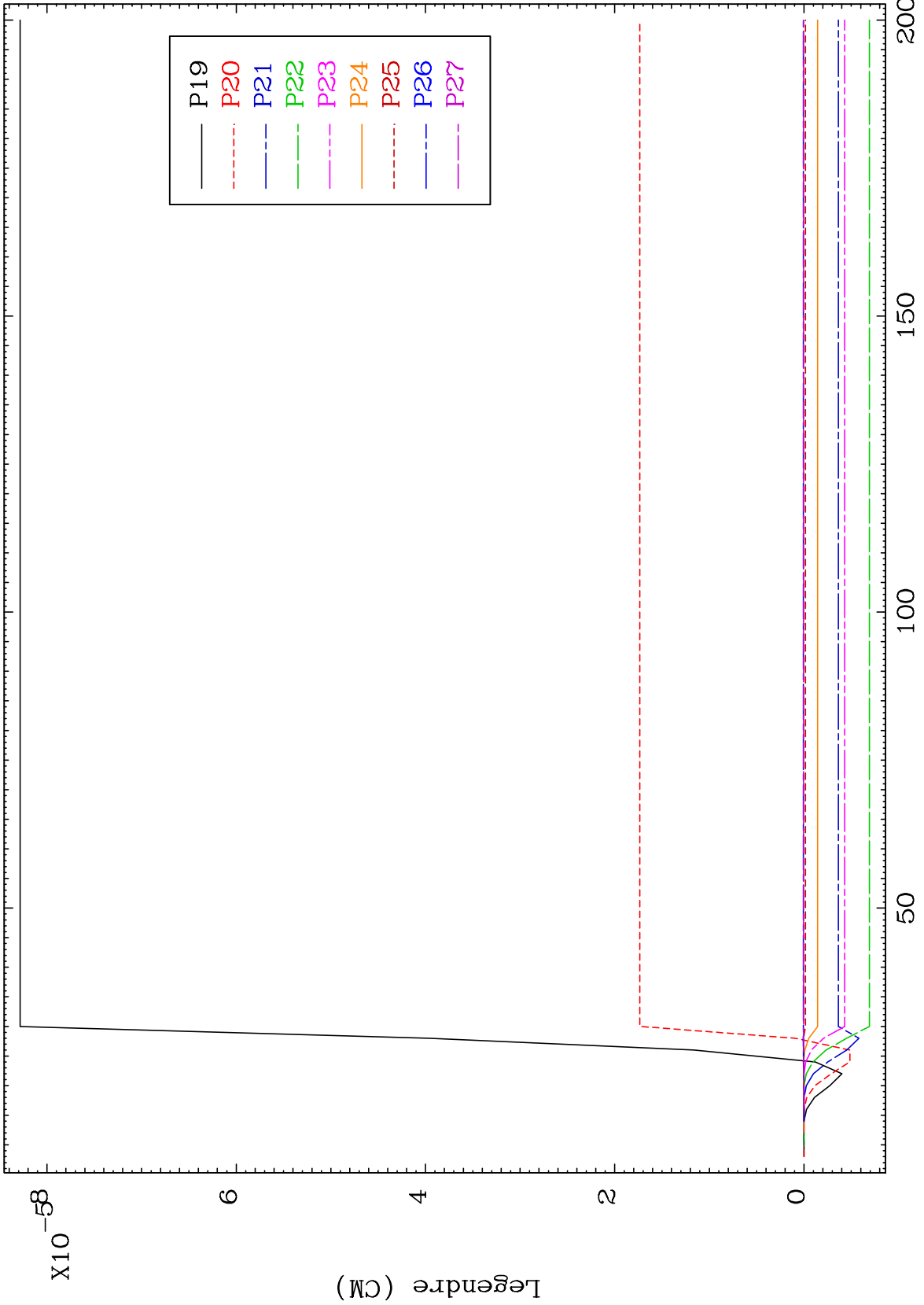
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 66 (n,n') Level  
Legendre Coefficients

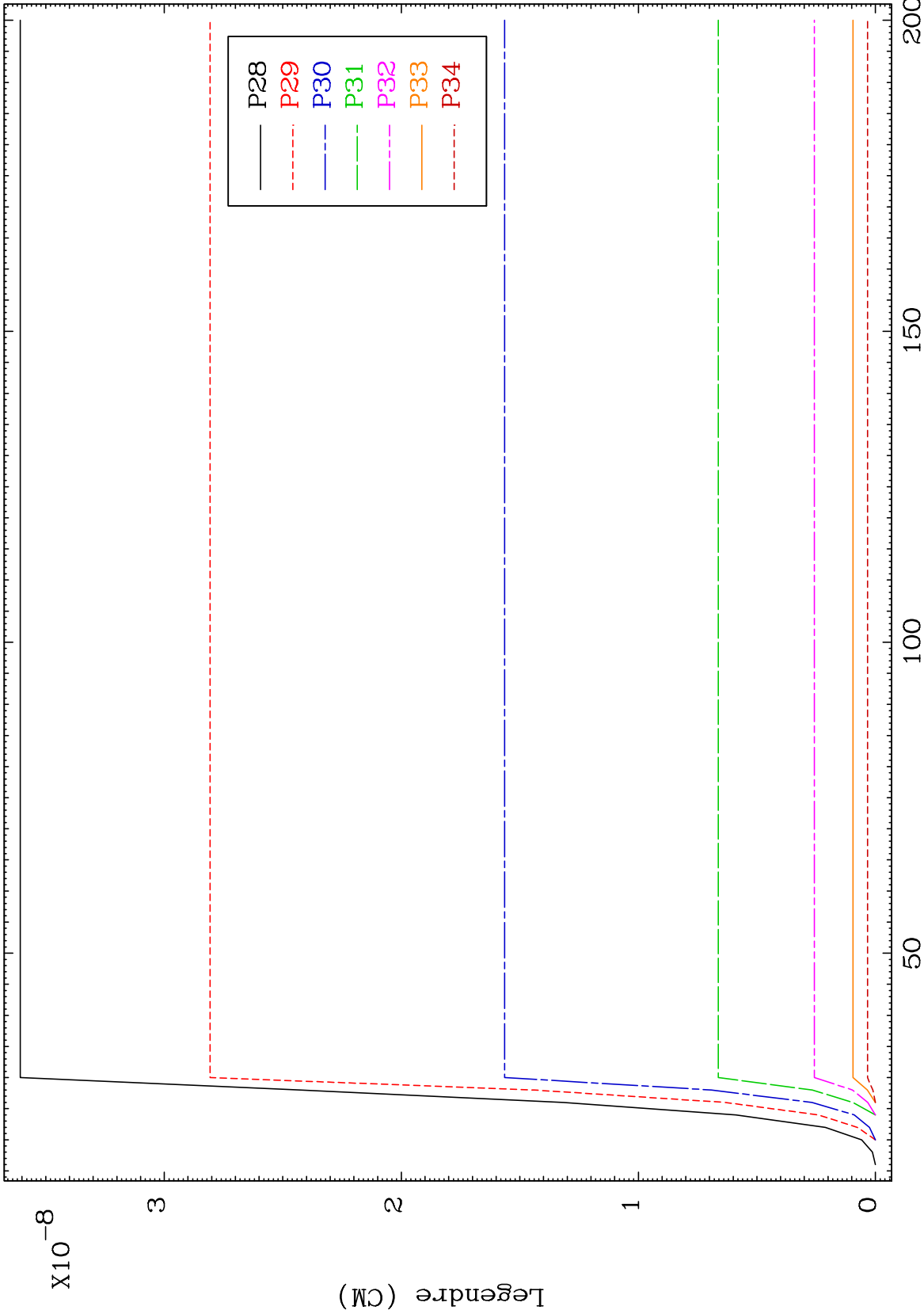
63-Eu-146



MAT 6310

MT= 66 (n,n') Level  
Legendre Coefficients

63-Eu-146



76

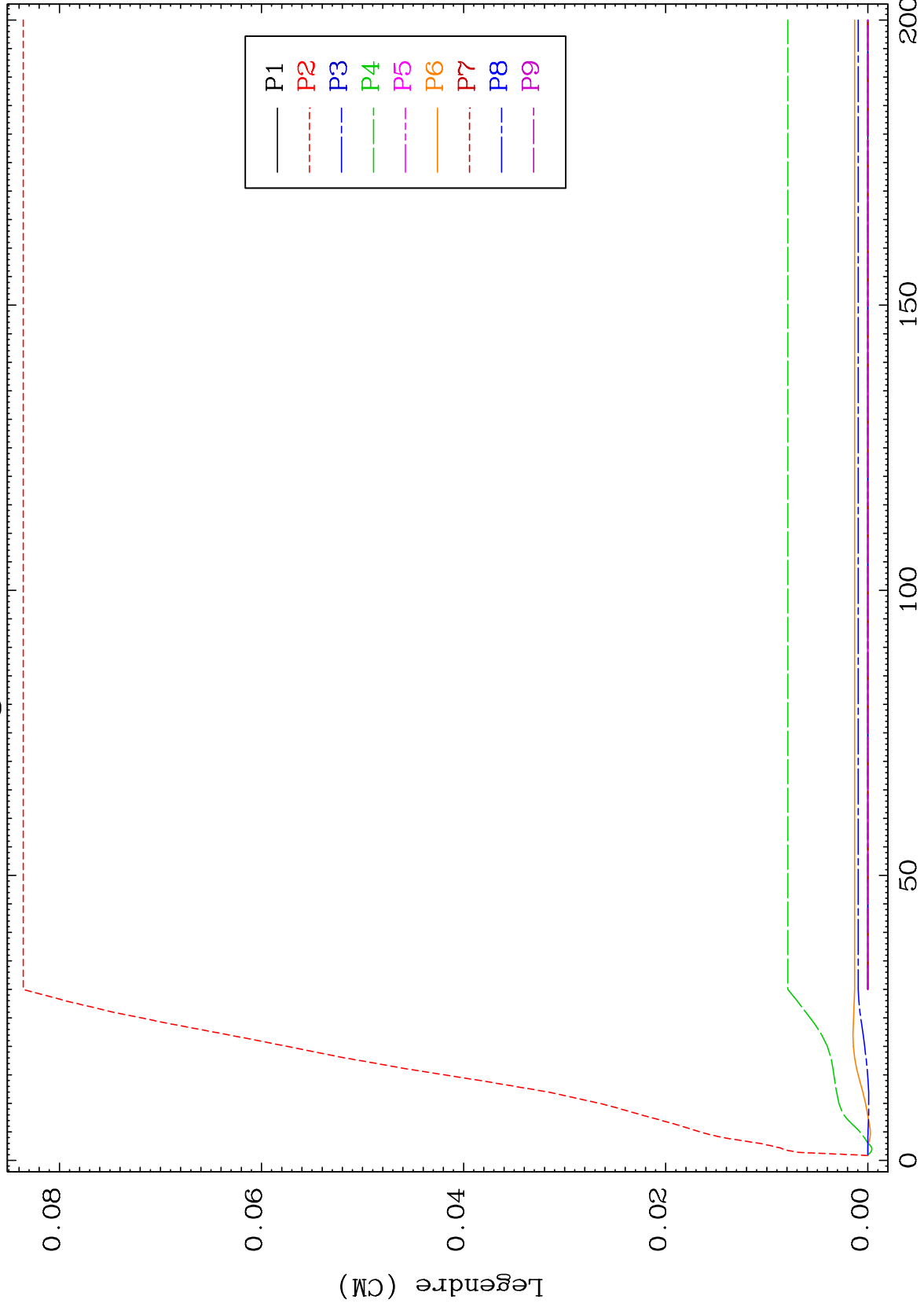
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 67 (n,n') Level  
Legendre Coefficients

63-Eu-146



77

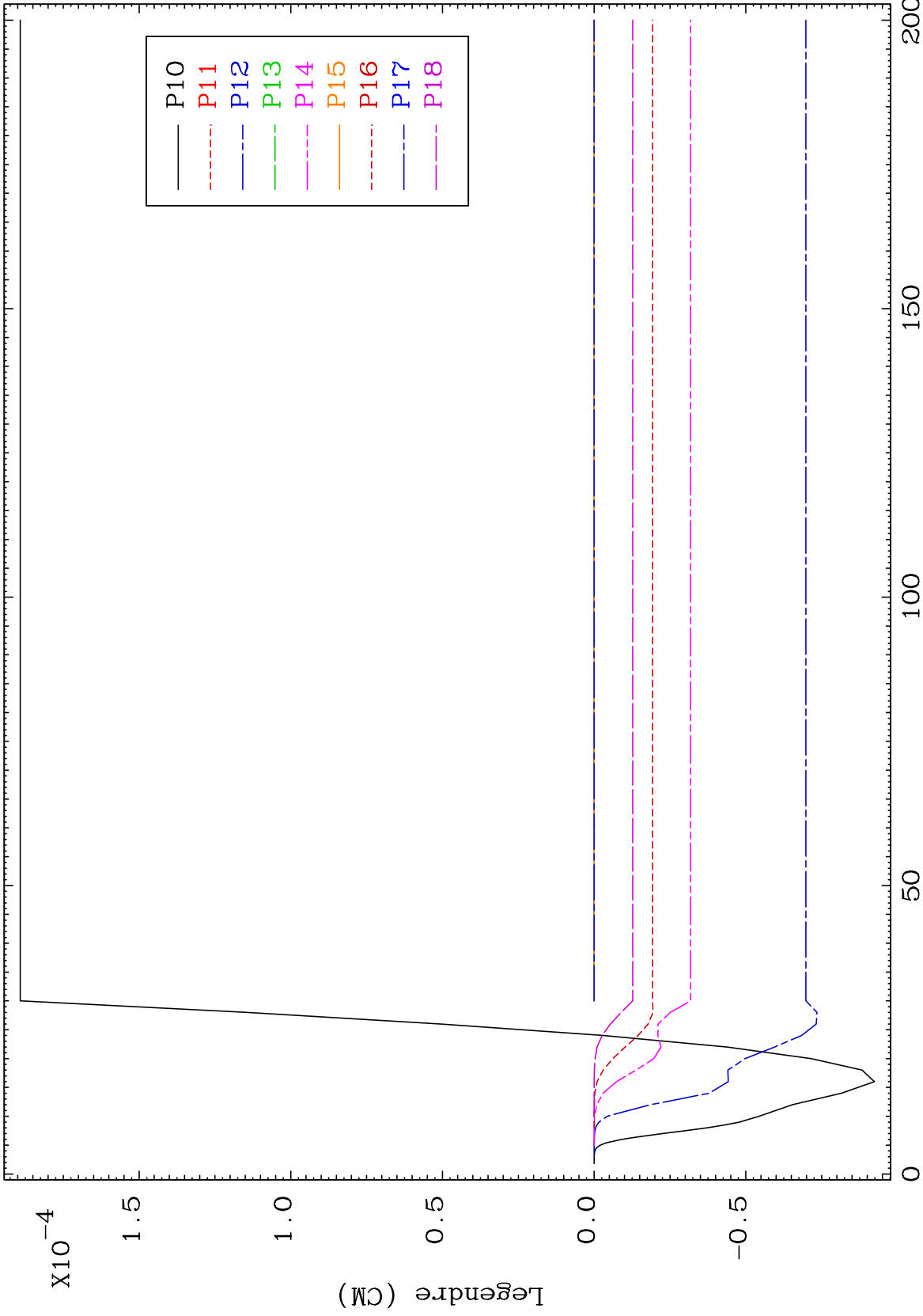
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 67 (n,n') Level  
Legendre Coefficients

63-Eu-146



78

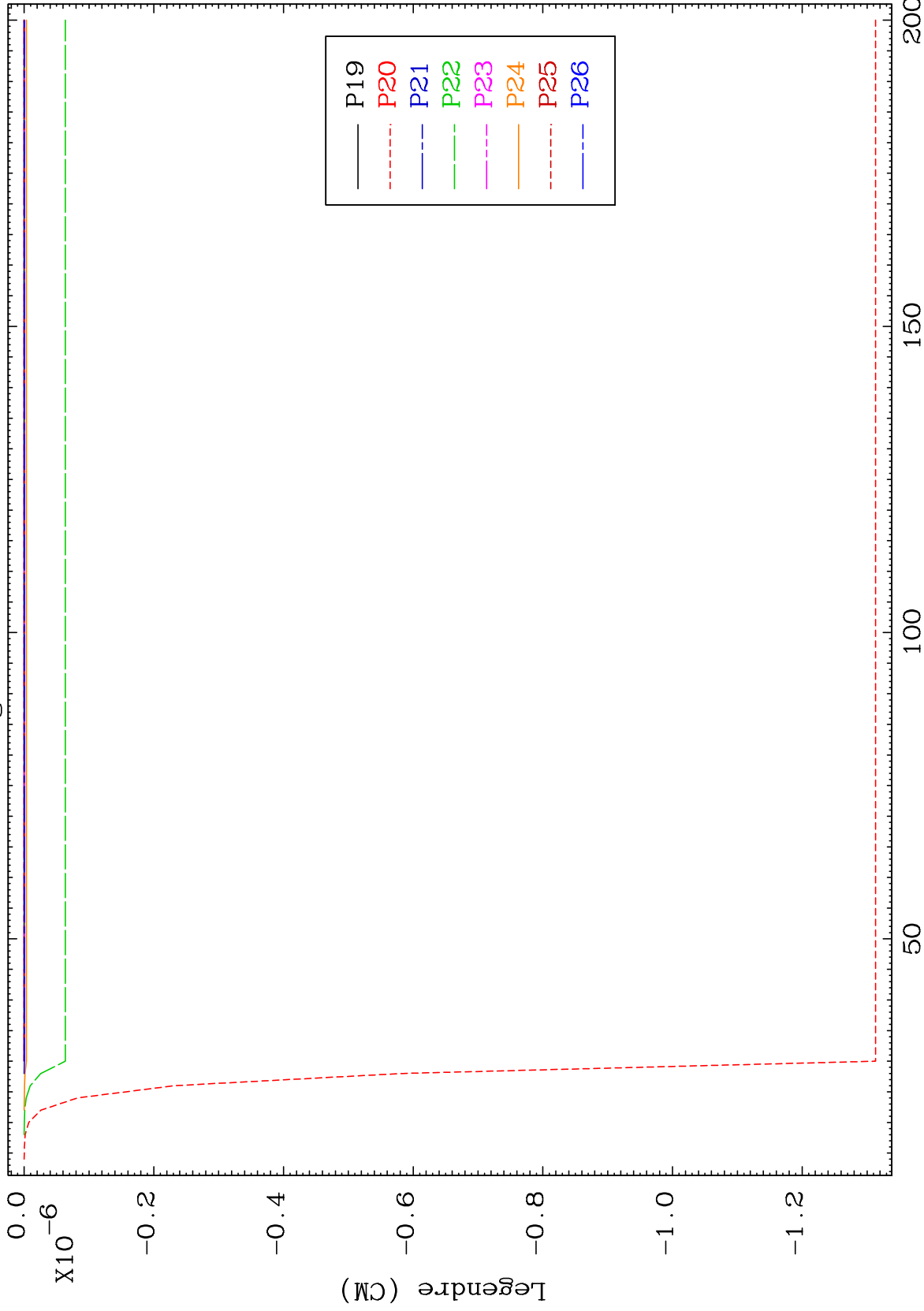
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 67 (n,n') Level  
Legendre Coefficients

63-Eu-146



79

Incident Energy (MeV)

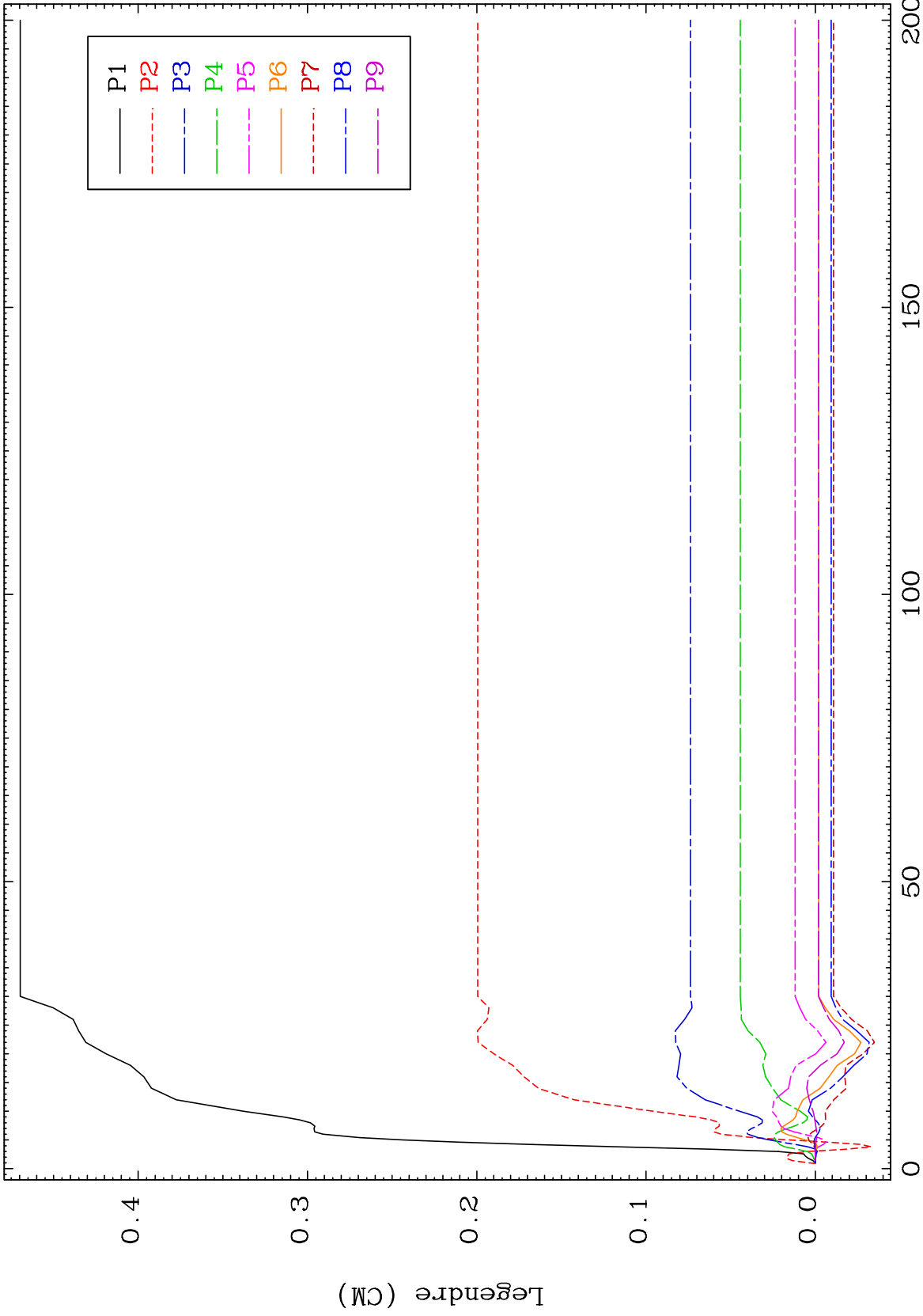
63-Eu-146



MAT 6310

MT= 68 (n,n') Level  
Legendre Coefficients

63-Eu-146



63-Eu-146

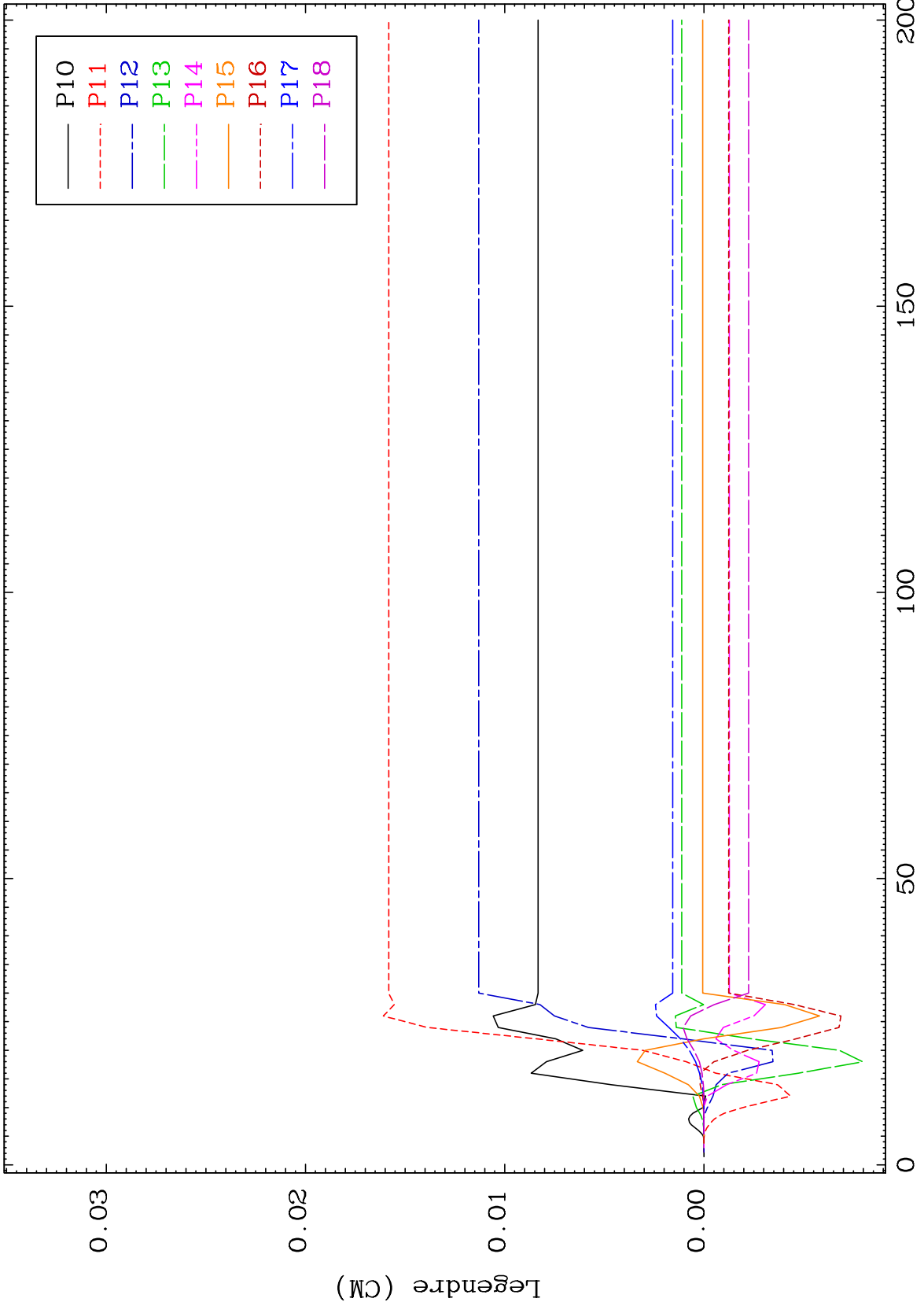
Incident Energy (MeV)

80

MAT 6310

MT= 68 (n,n') Level  
Legendre Coefficients

63-Eu-146



81

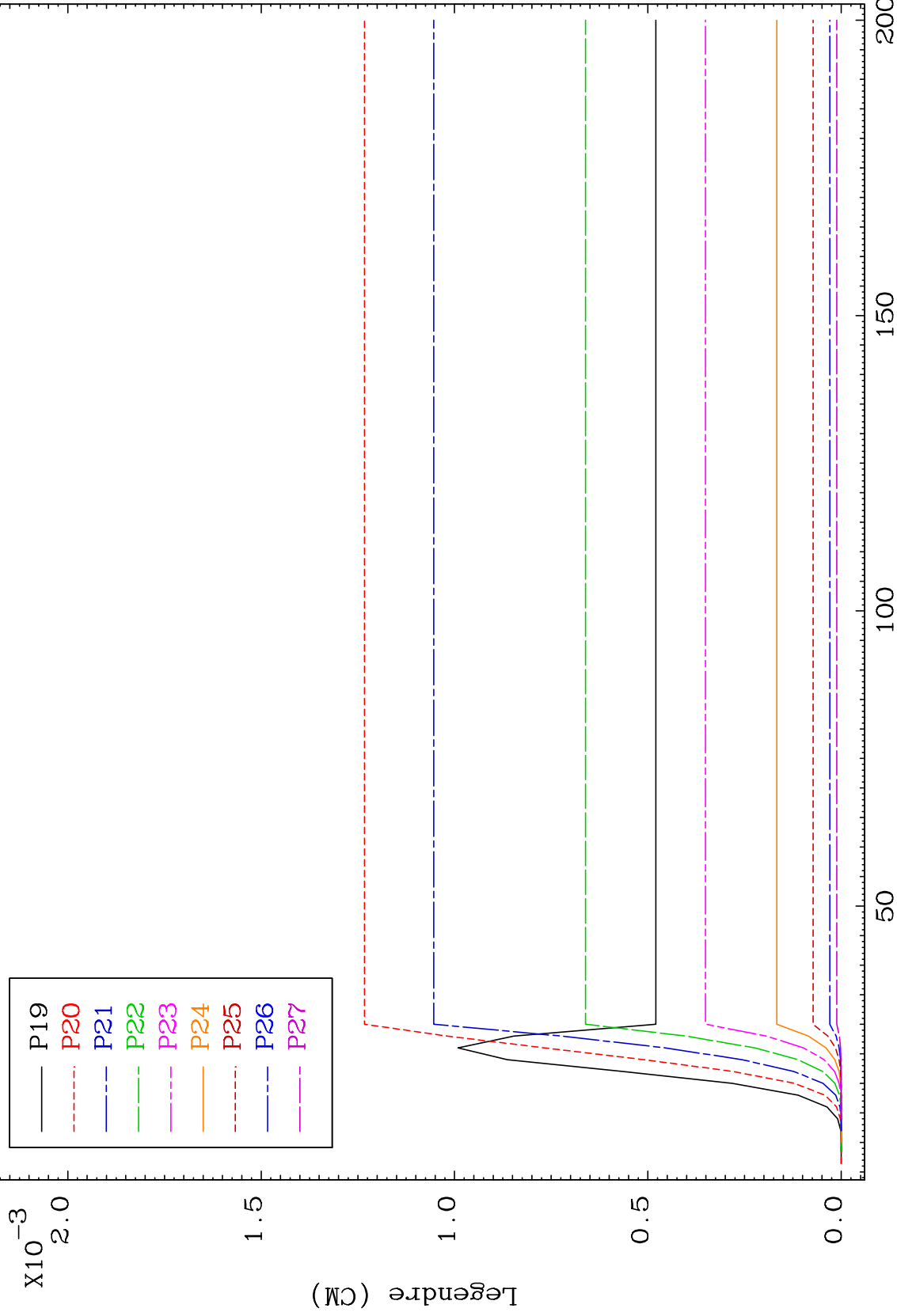
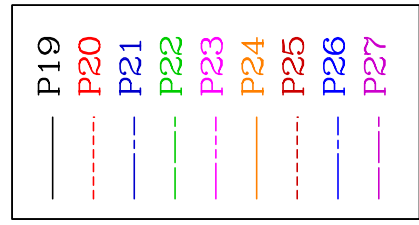
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 68 (n,n') Level  
Legendre Coefficients

63-Eu-146



82

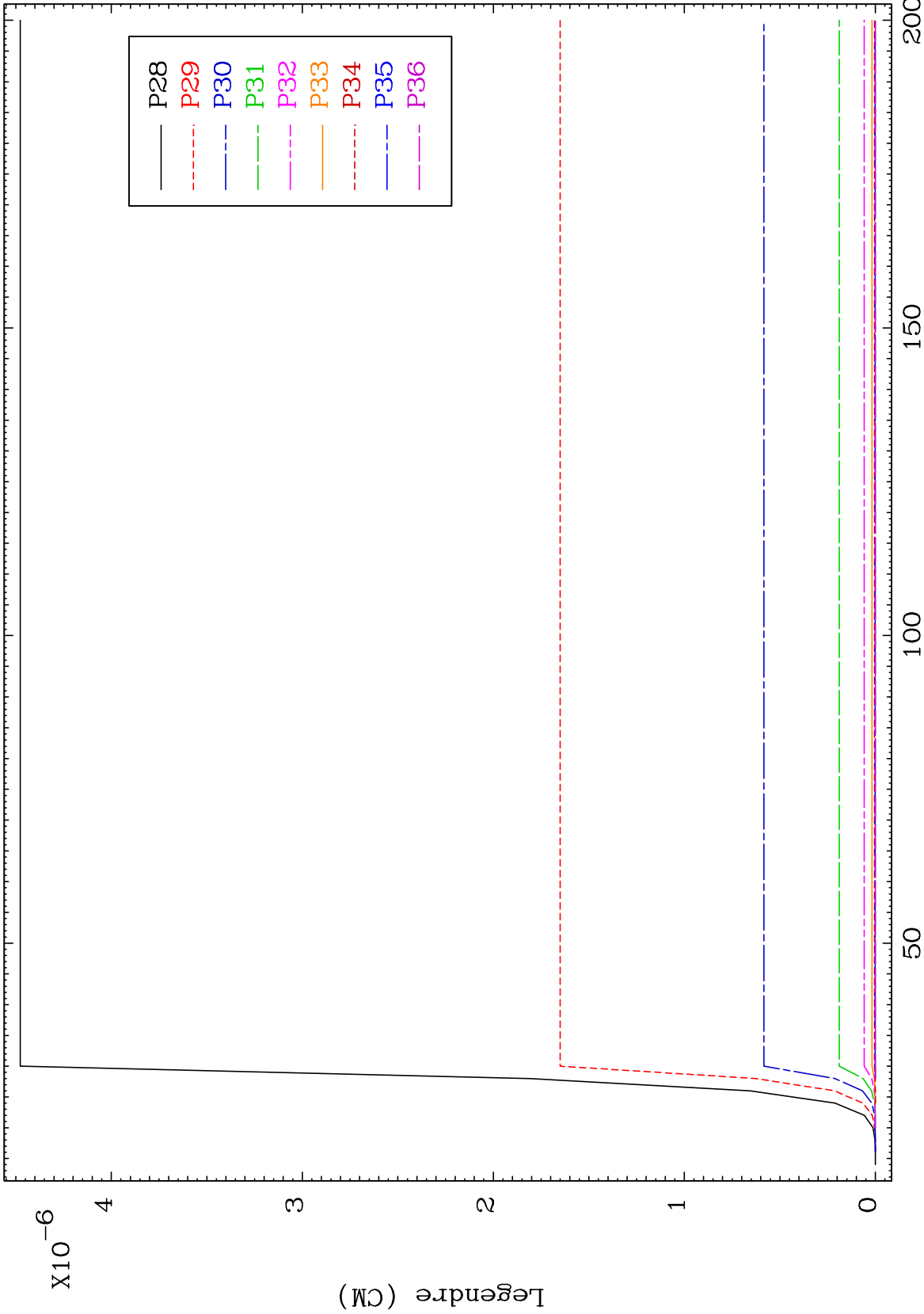
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 68 (n,n') Level  
Legendre Coefficients

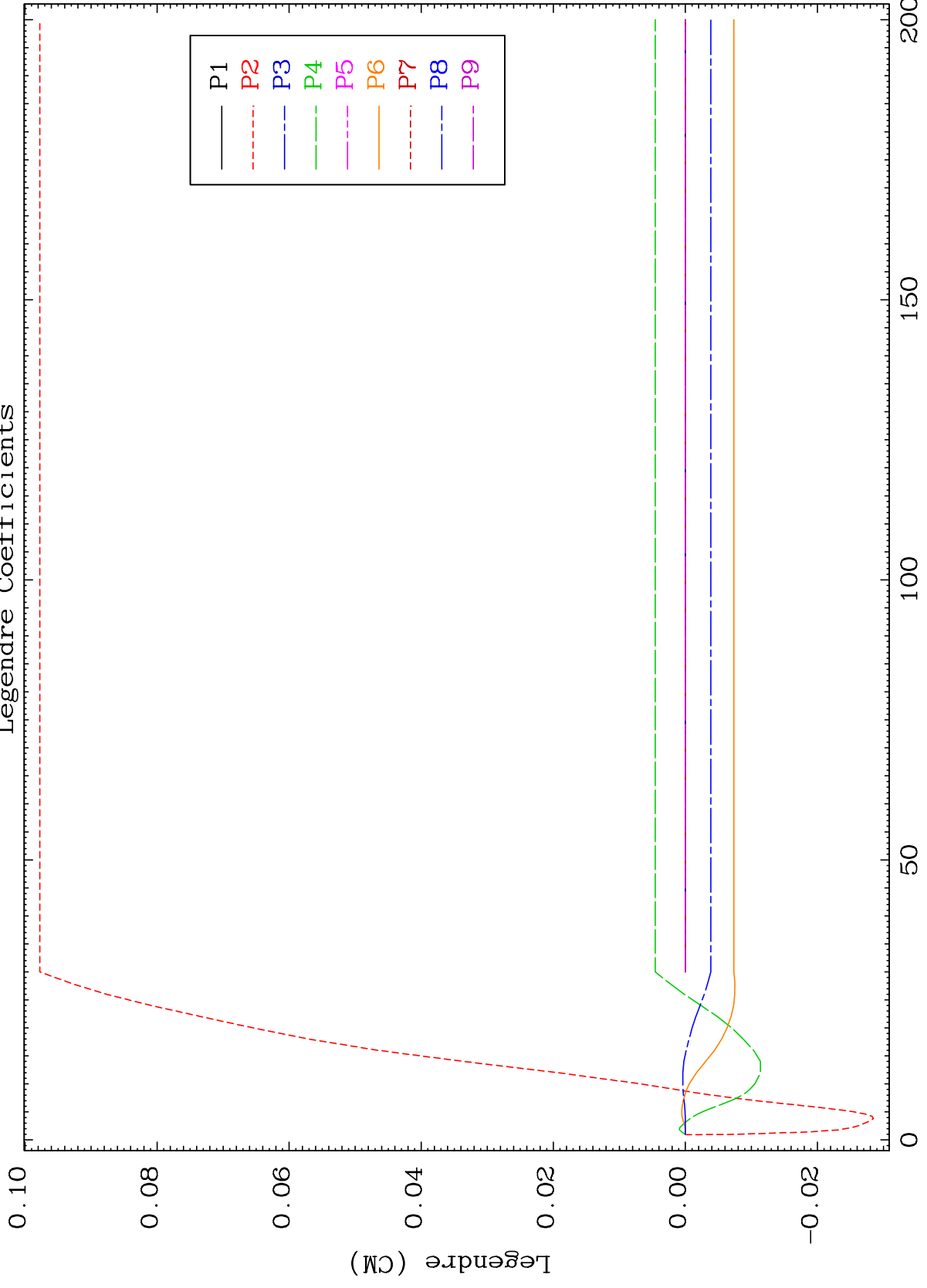
63-Eu-146



83

63-Eu-146

MAT 6310 MT= 69 (n,n') Level Legendre Coefficients 63-Eu-146

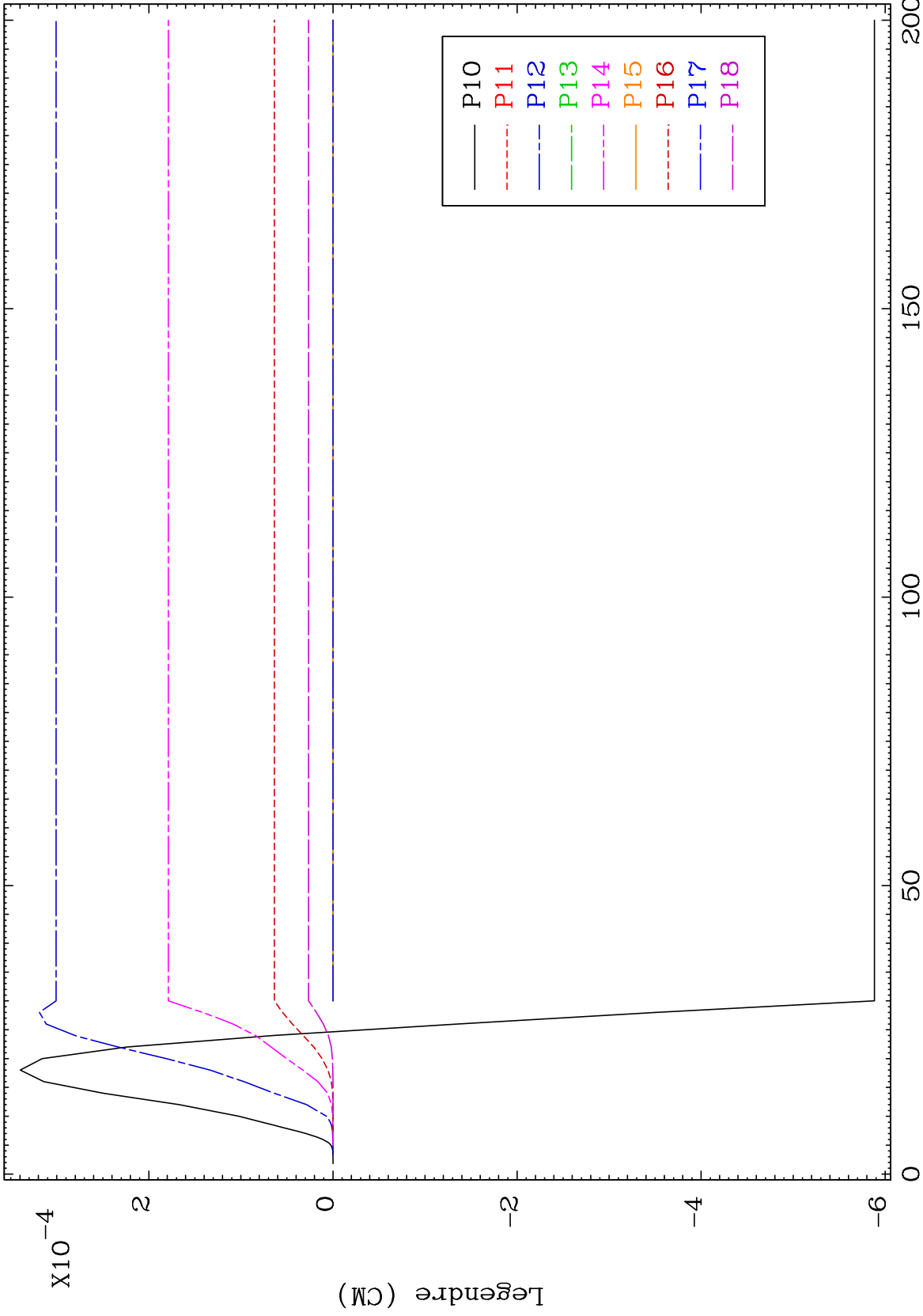


84 63-Eu-146

MAT 6310

MT= 69 (n,n') Level  
Legendre Coefficients

63-Eu-146



85

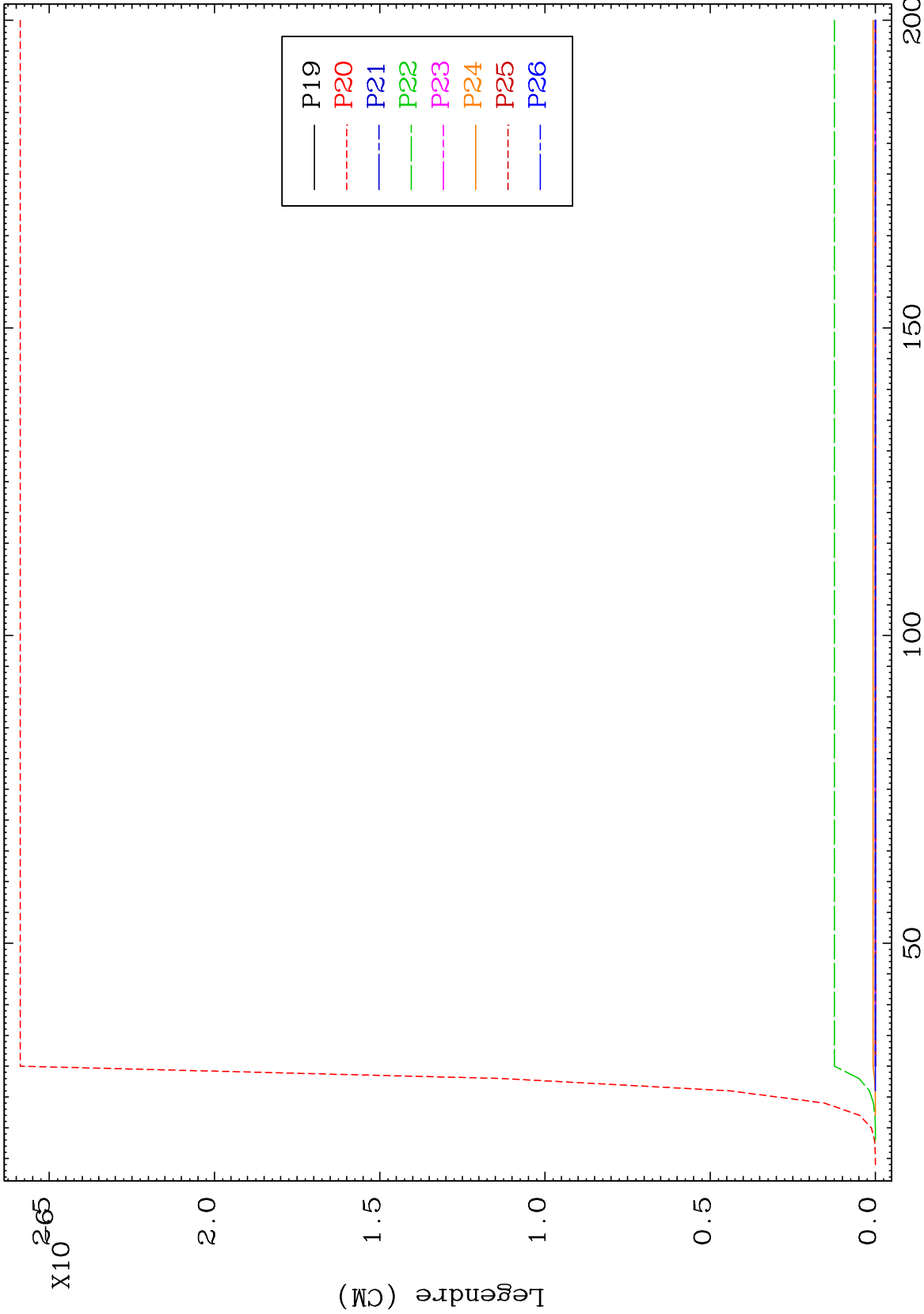
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 69 (n,n') Level  
Legendre Coefficients

63-Eu-146



86

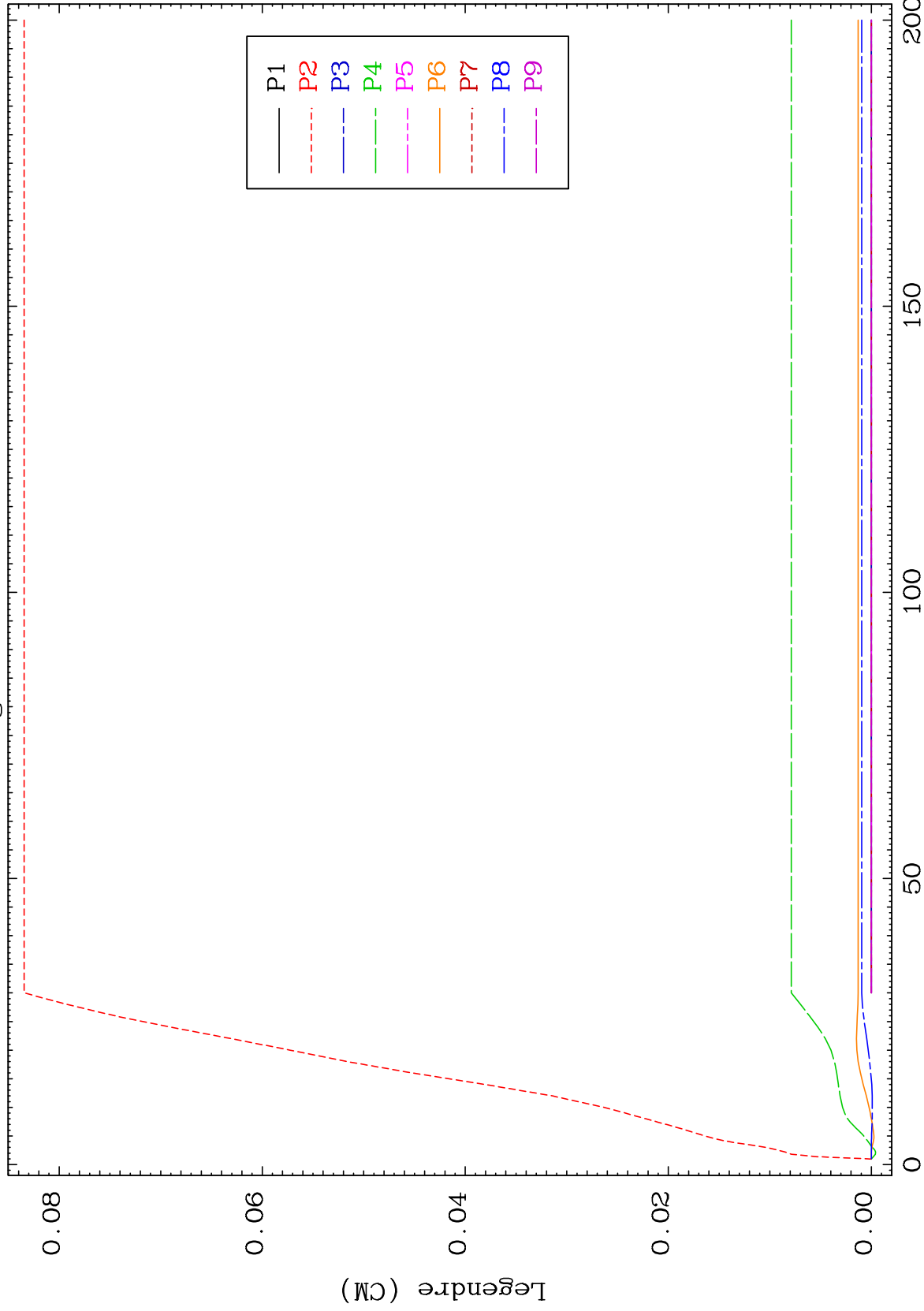
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 70 (n,n') Level  
Legendre Coefficients

63-Eu-146

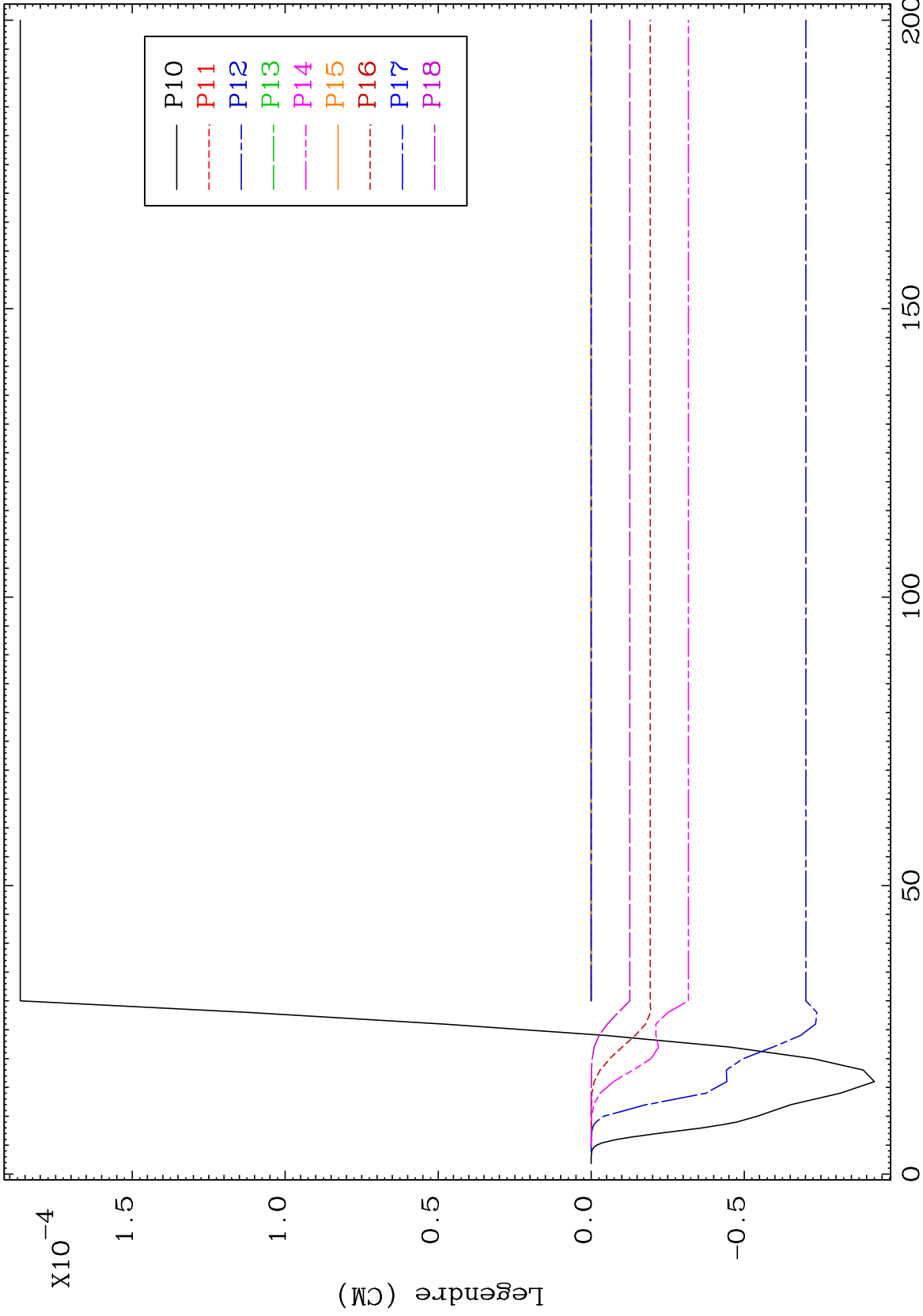


87

Incident Energy (MeV)

63-Eu-146

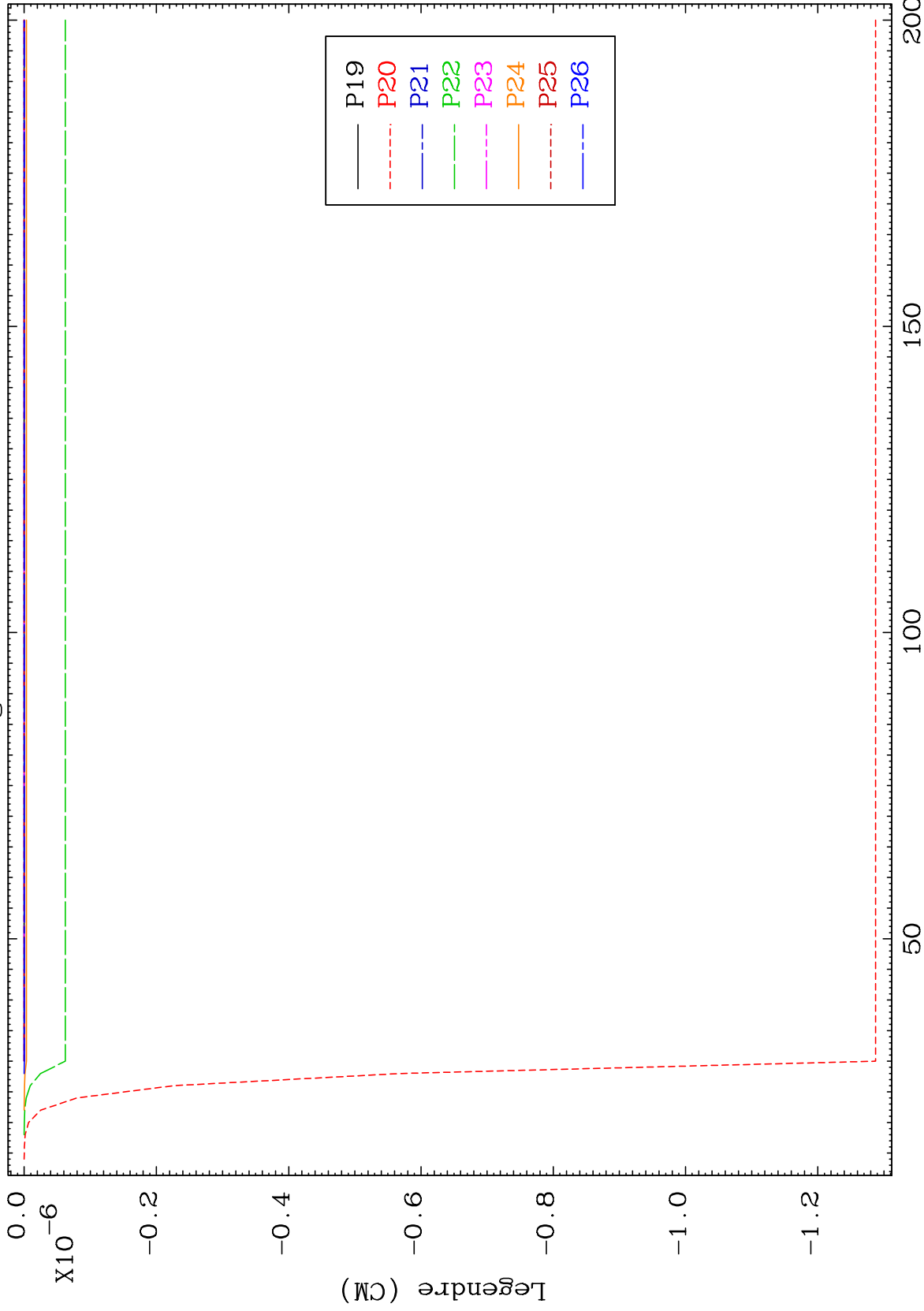




MAT 6310

MT= 70 (n,n') Level  
Legendre Coefficients

63-Eu-146



89

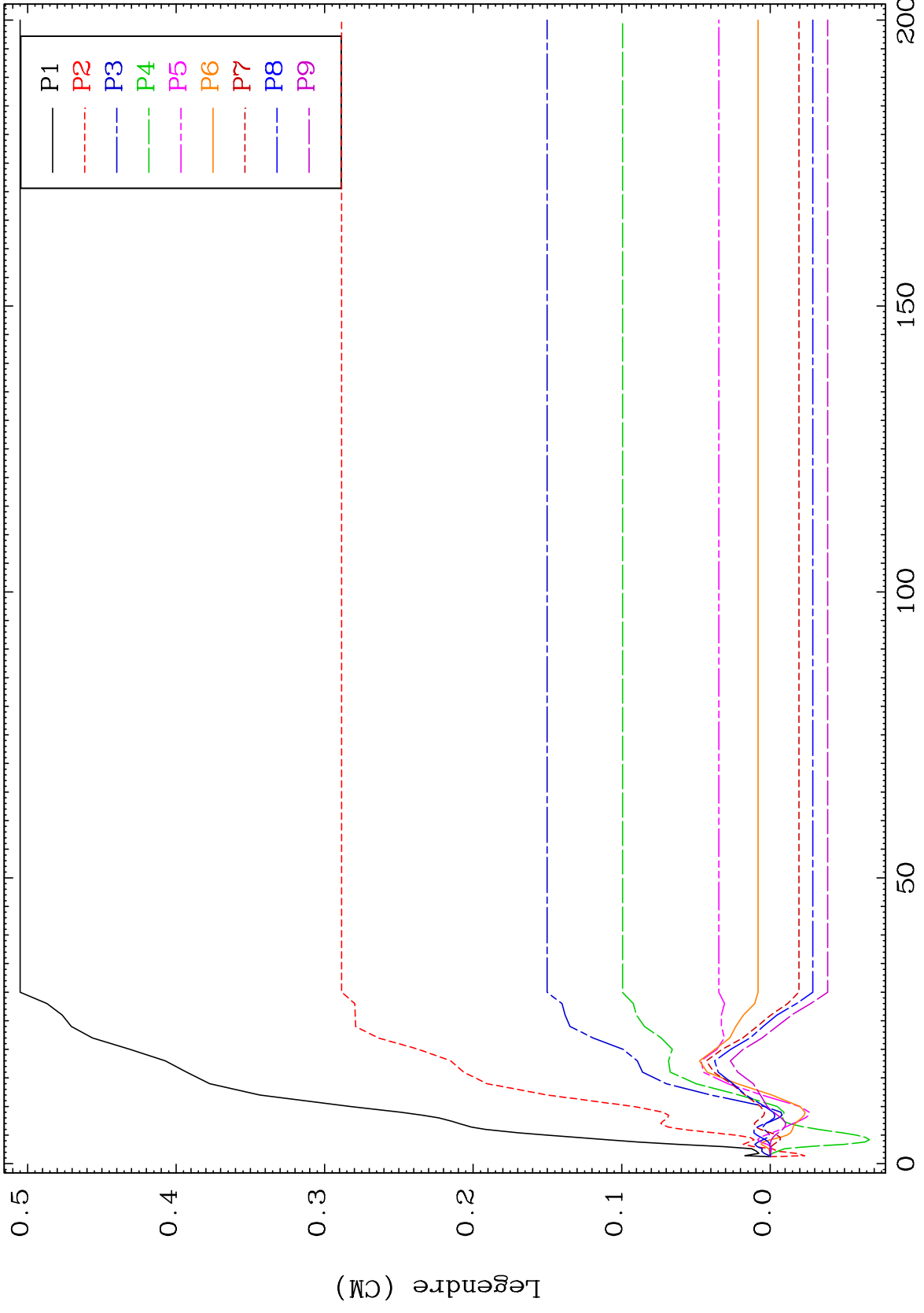
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 71 (n,n') Level  
Legendre Coefficients

63-Eu-146



63-Eu-146

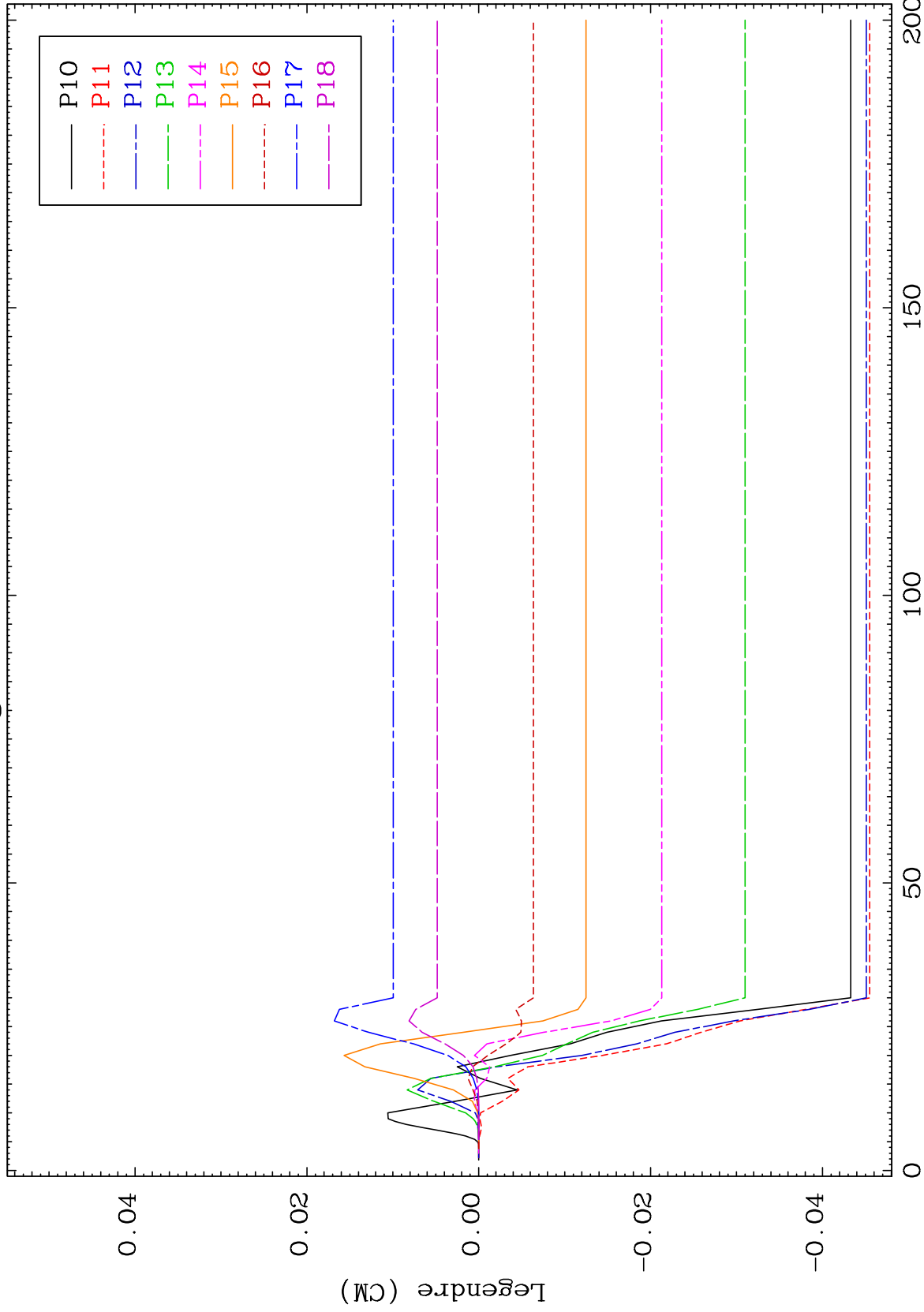
Incident Energy (MeV)

90

MAT 6310

MT= 71 (n,n') Level  
Legendre Coefficients

63-Eu-146



91

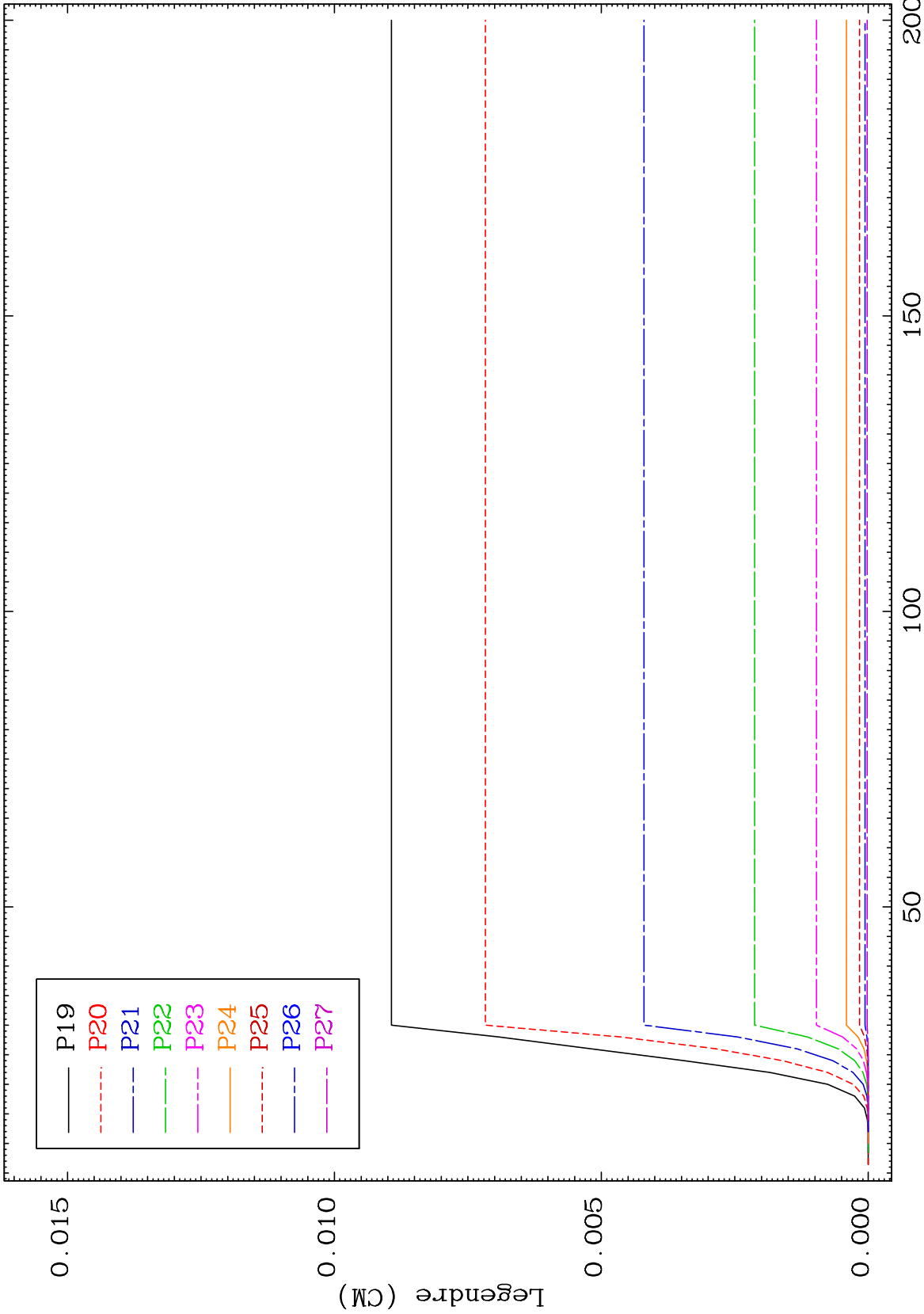
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 71 (n,n') Level  
Legendre Coefficients

63-Eu-146



92

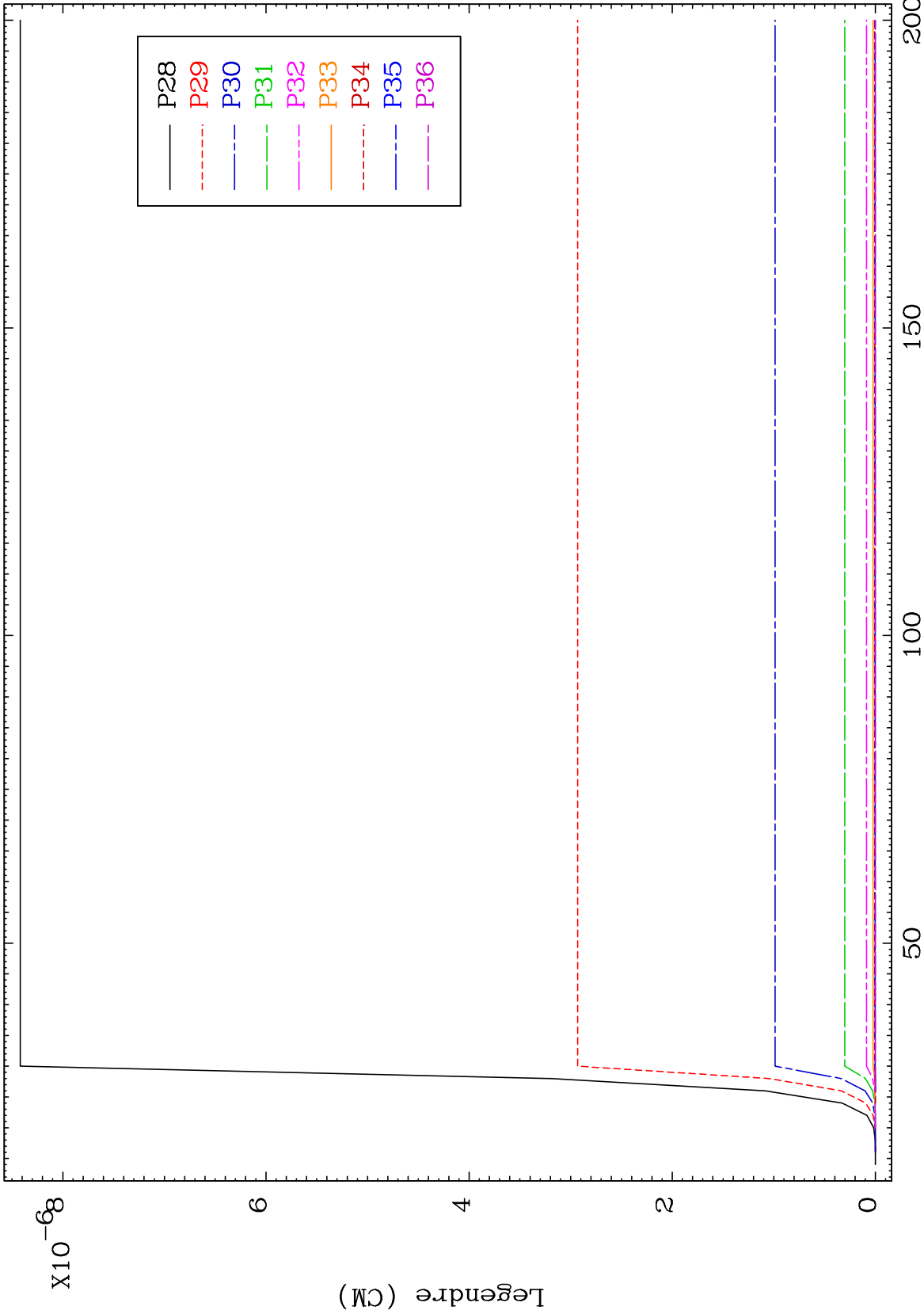
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 71 (n,n') Level  
Legendre Coefficients

63-Eu-146



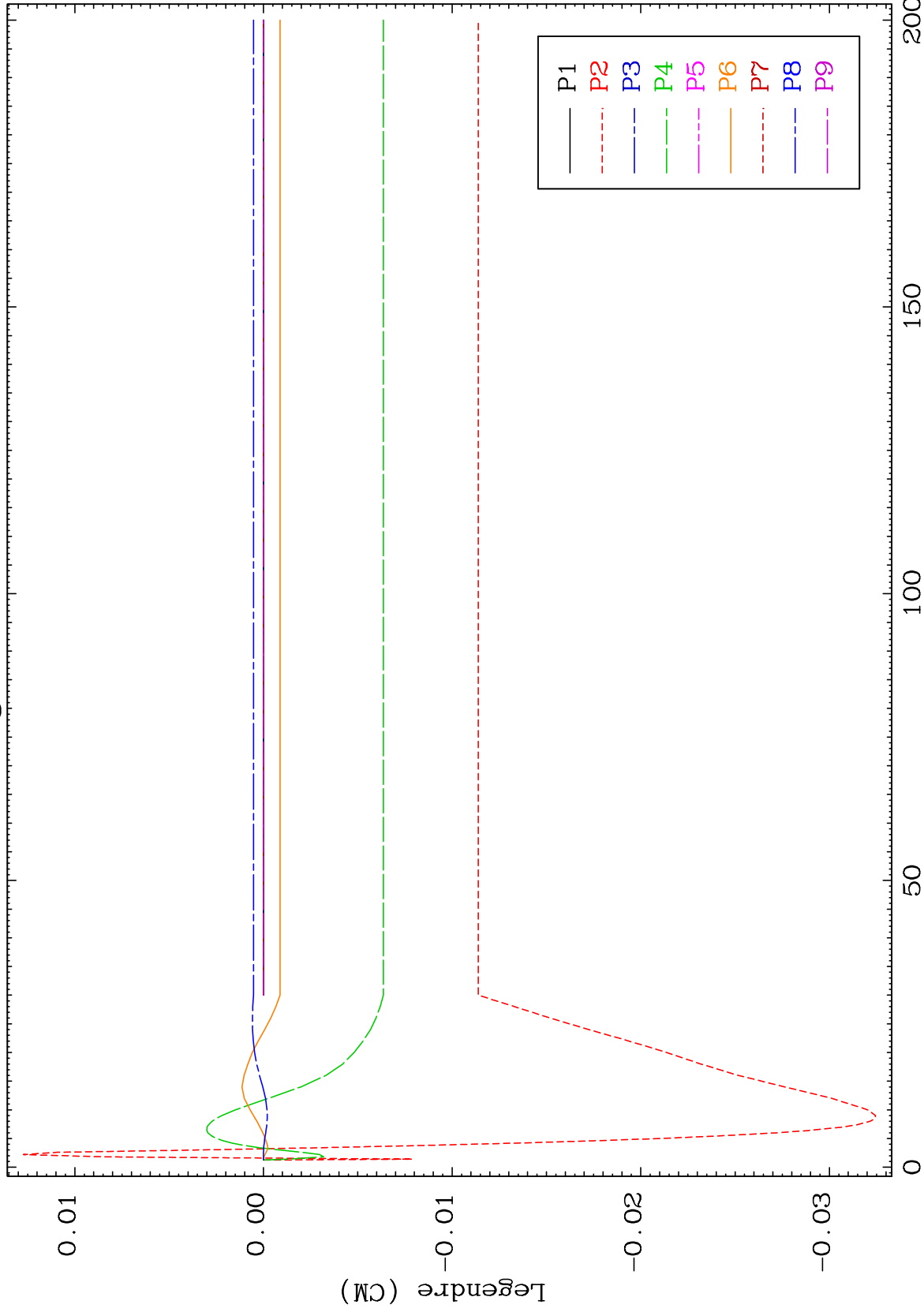
93

63-Eu-146

MAT 6310

MT= 72 (n,n') Level  
Legendre Coefficients

63-Eu-146



94

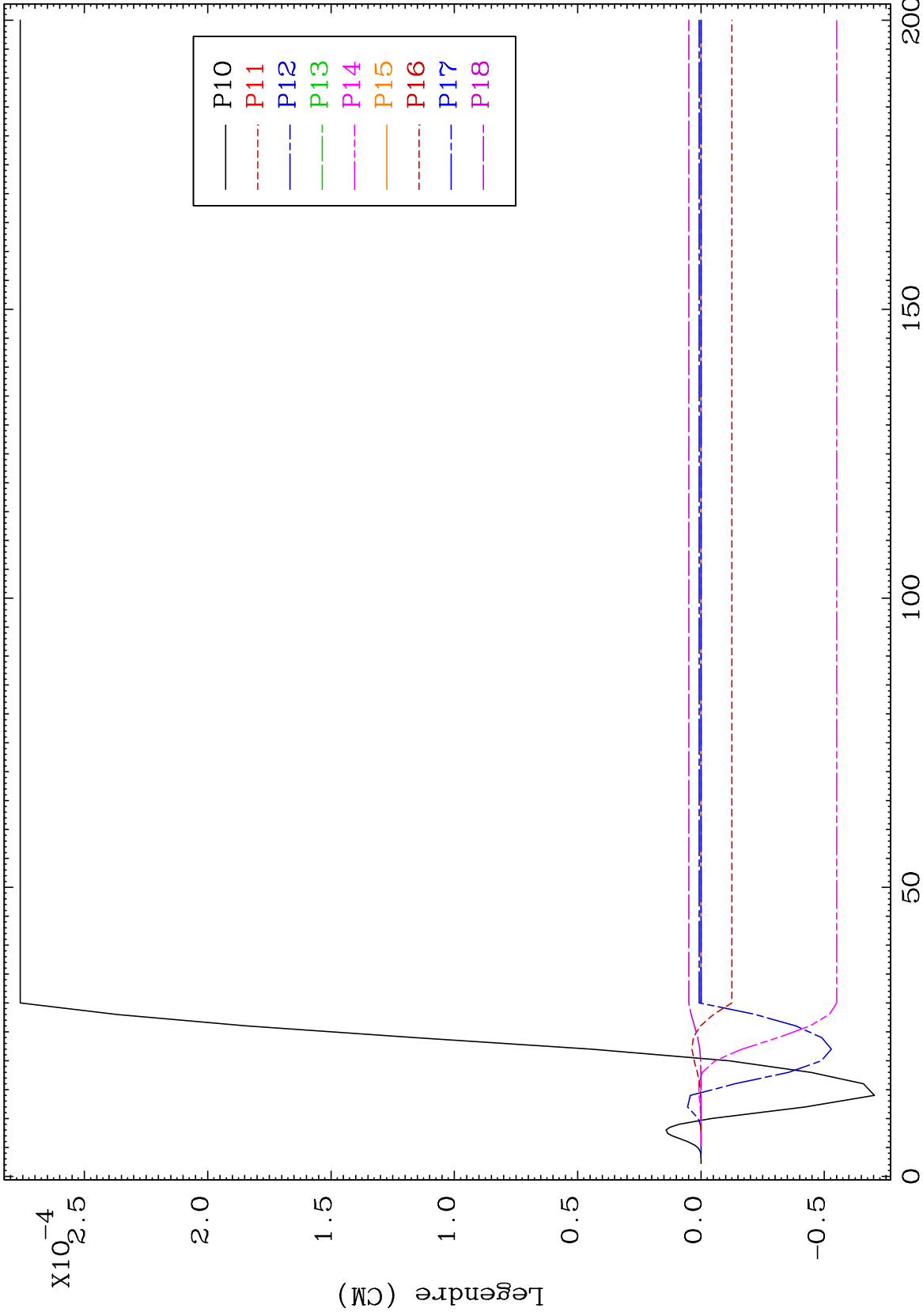
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 72 (n,n') Level  
Legendre Coefficients

63-Eu-146



95

Incident Energy (MeV)

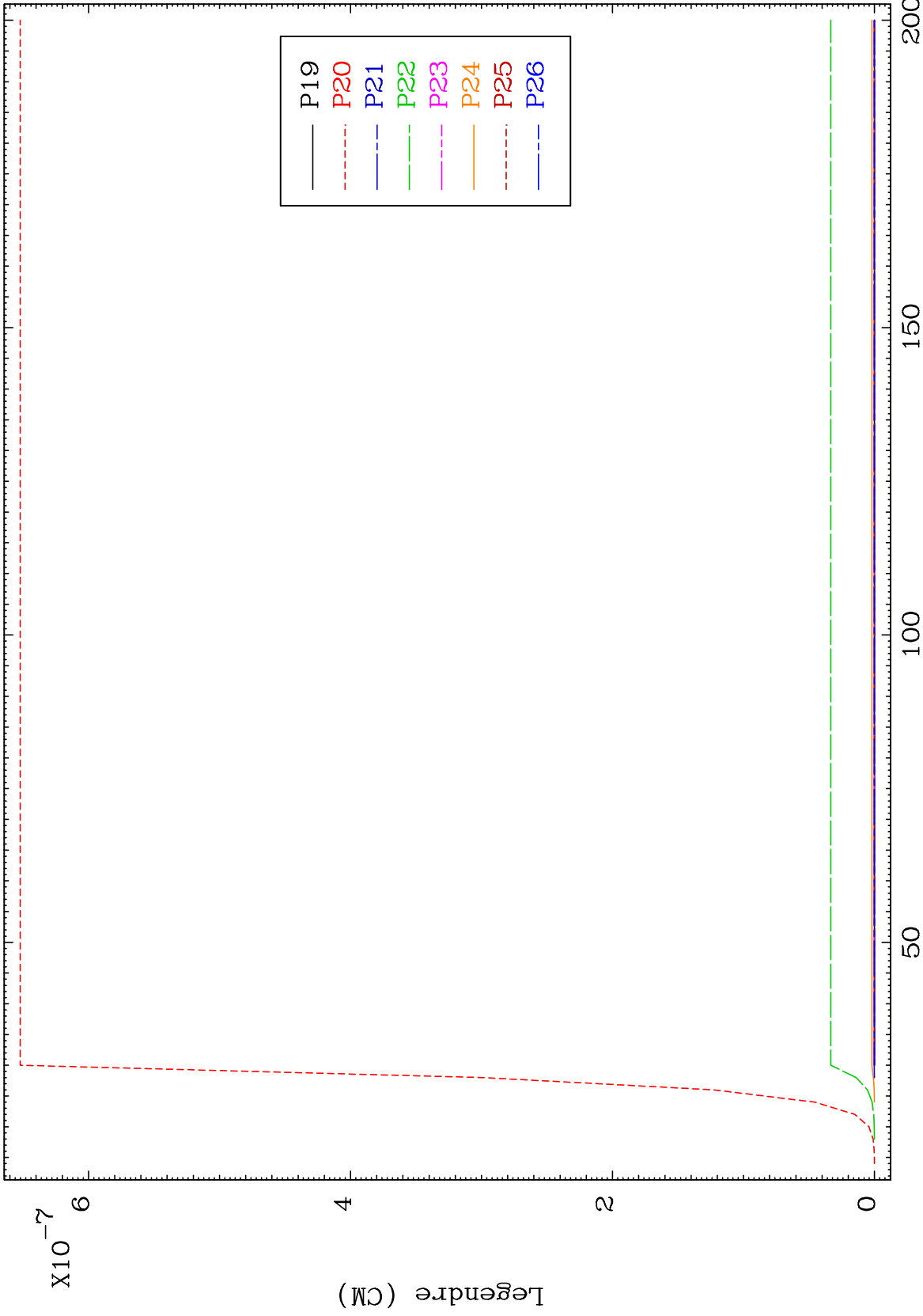
63-Eu-146



MAT 6310

MT= 72 (n,n') Level  
Legendre Coefficients

63-Eu-146



96

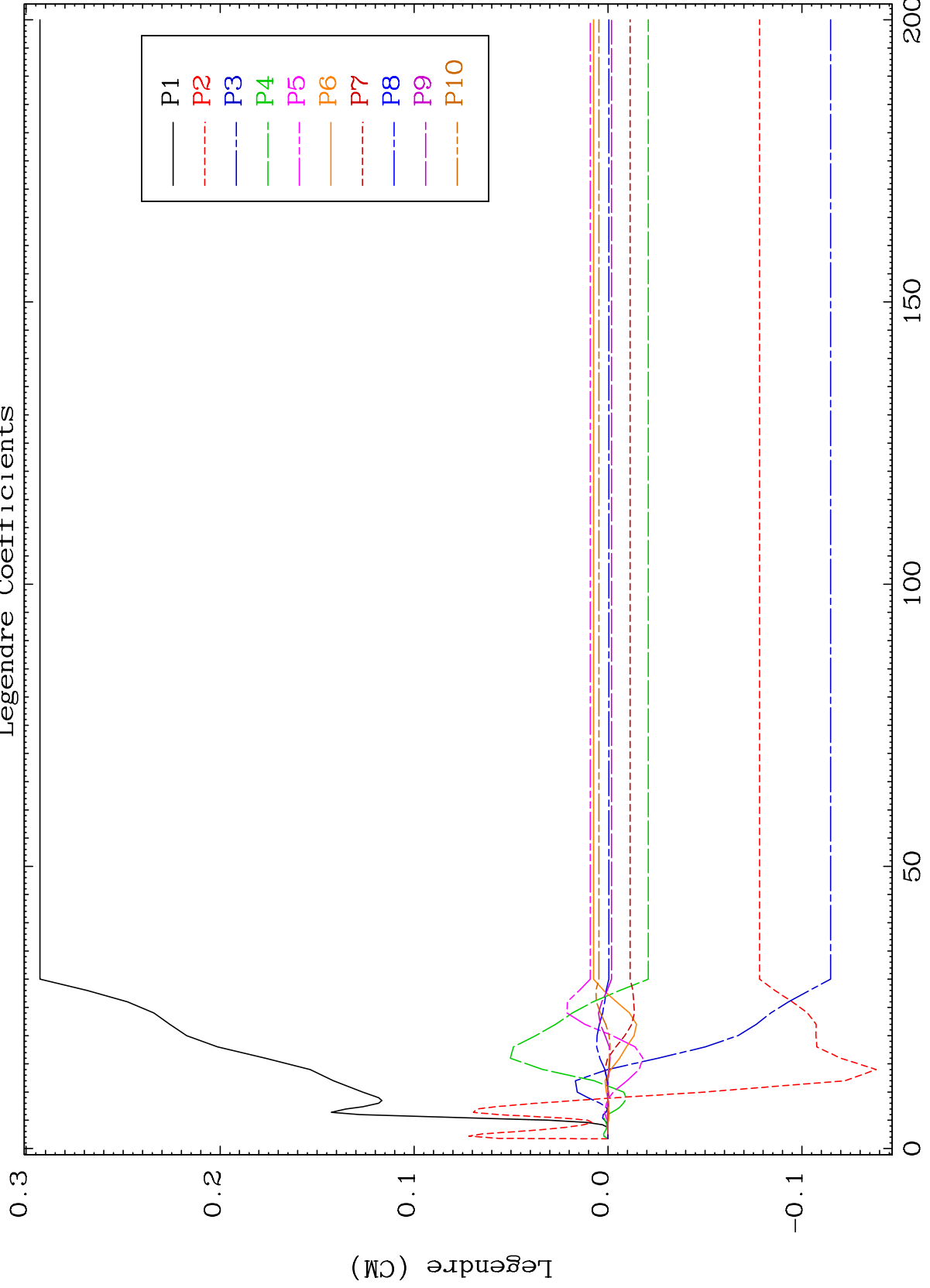
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 73 (n,n') Level  
Legendre Coefficients

63-Eu-146



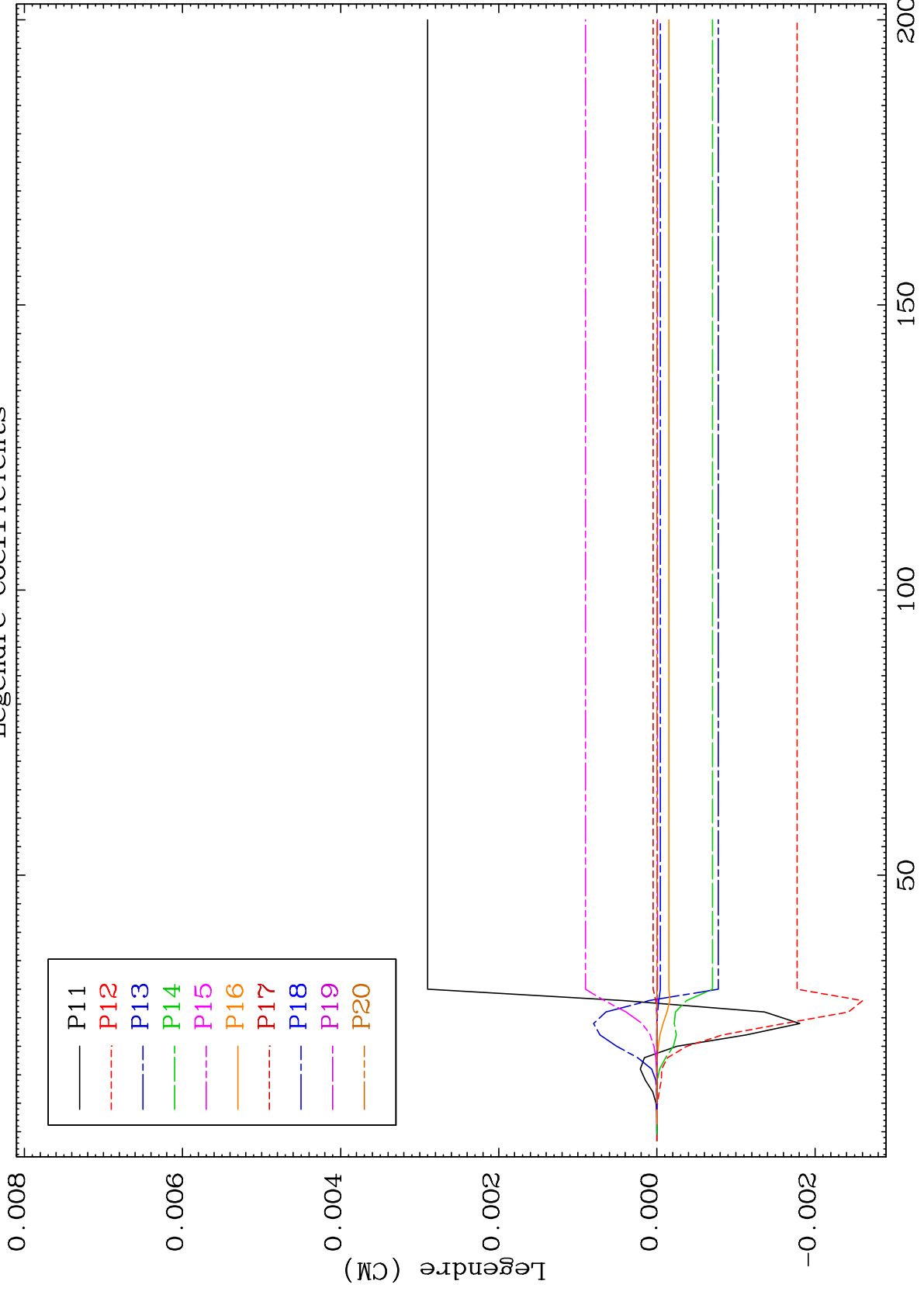
97

63-Eu-146

MAT 6310

MT= 73 (n,n') Level  
Legendre Coefficients

63-Eu-146



98

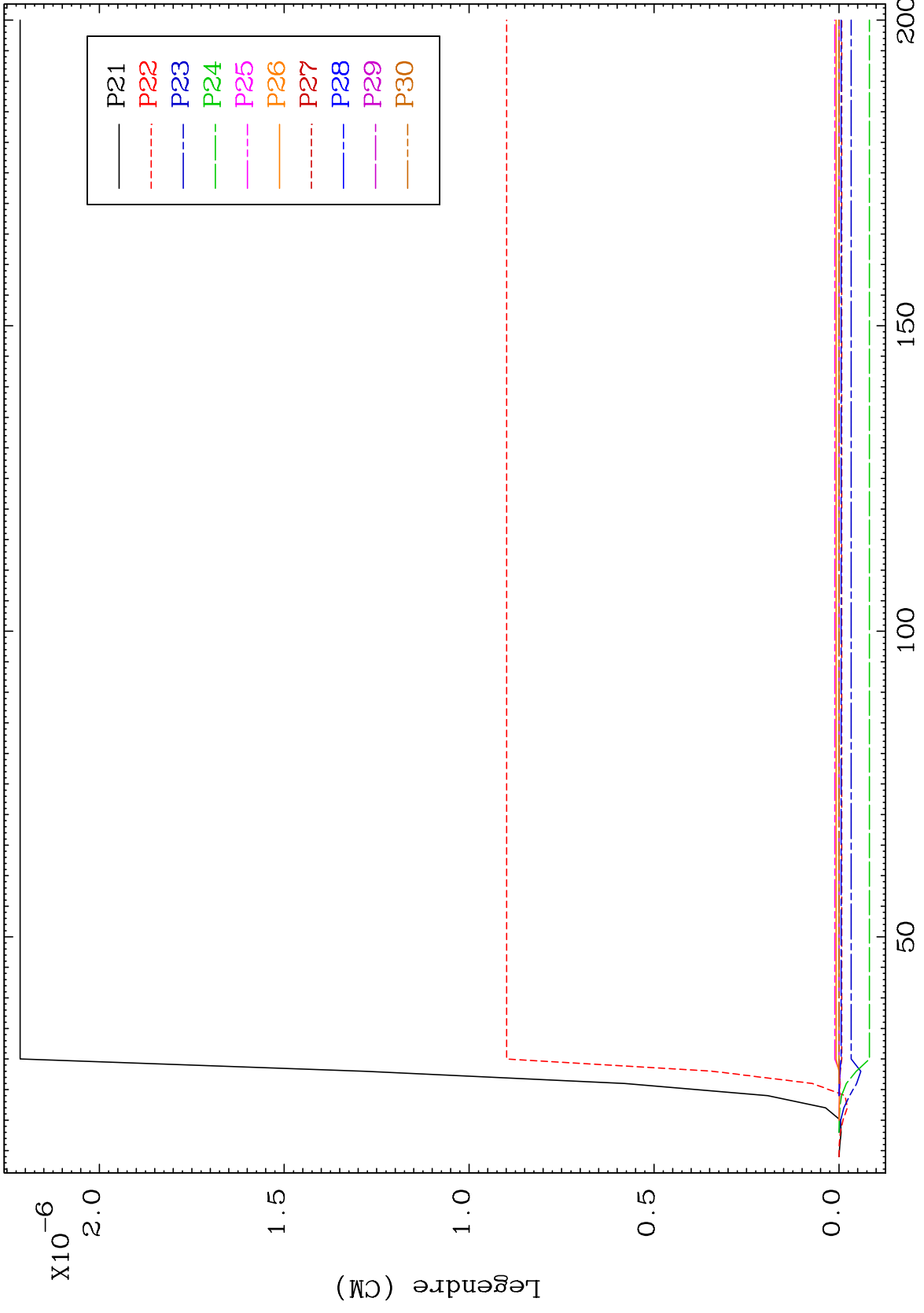
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 73 (n,n') Level  
Legendre Coefficients

63-Eu-146



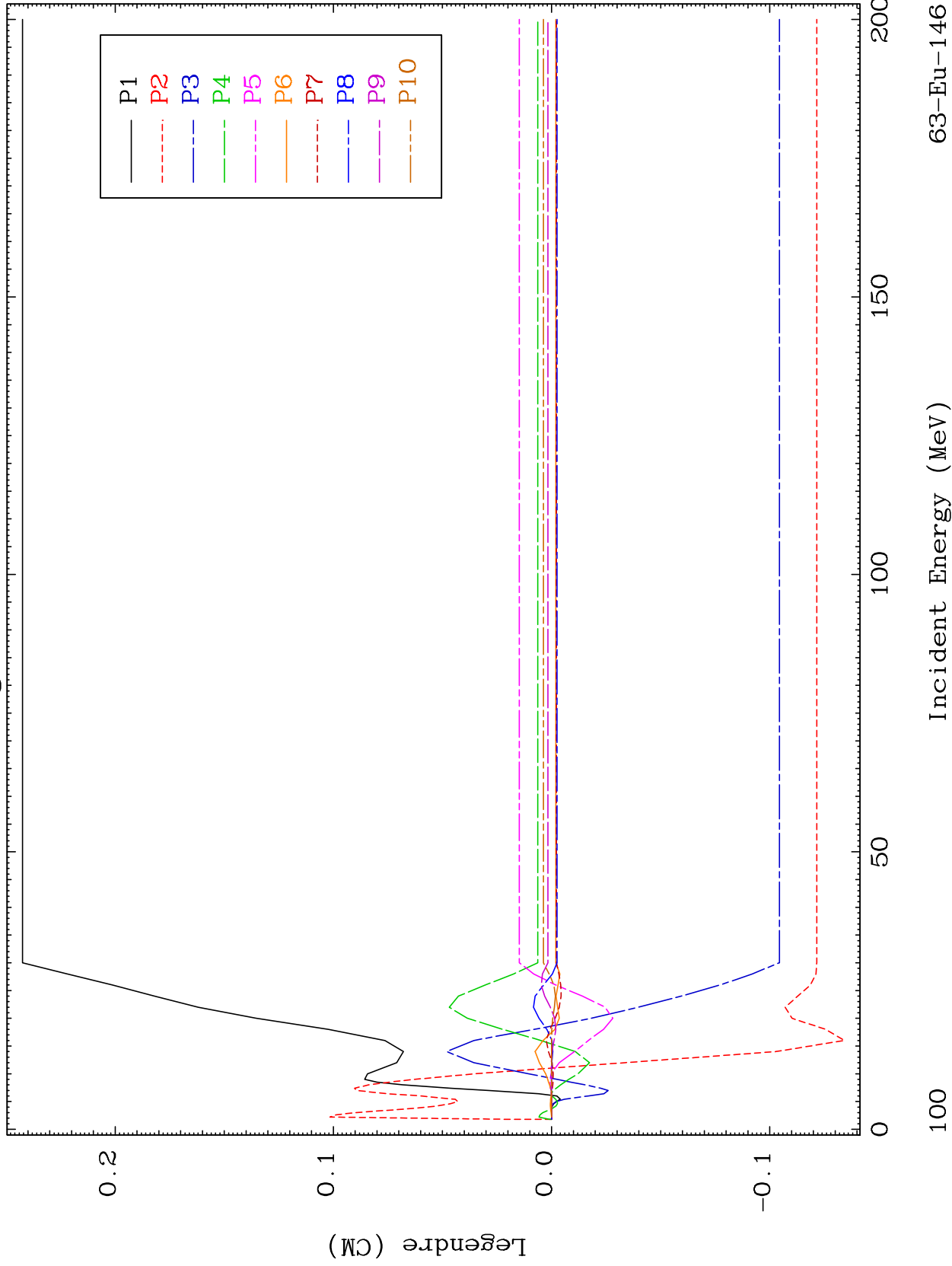
99

63-Eu-146

MAT 6310

MT= 74 (n,n') Level  
Legendre Coefficients

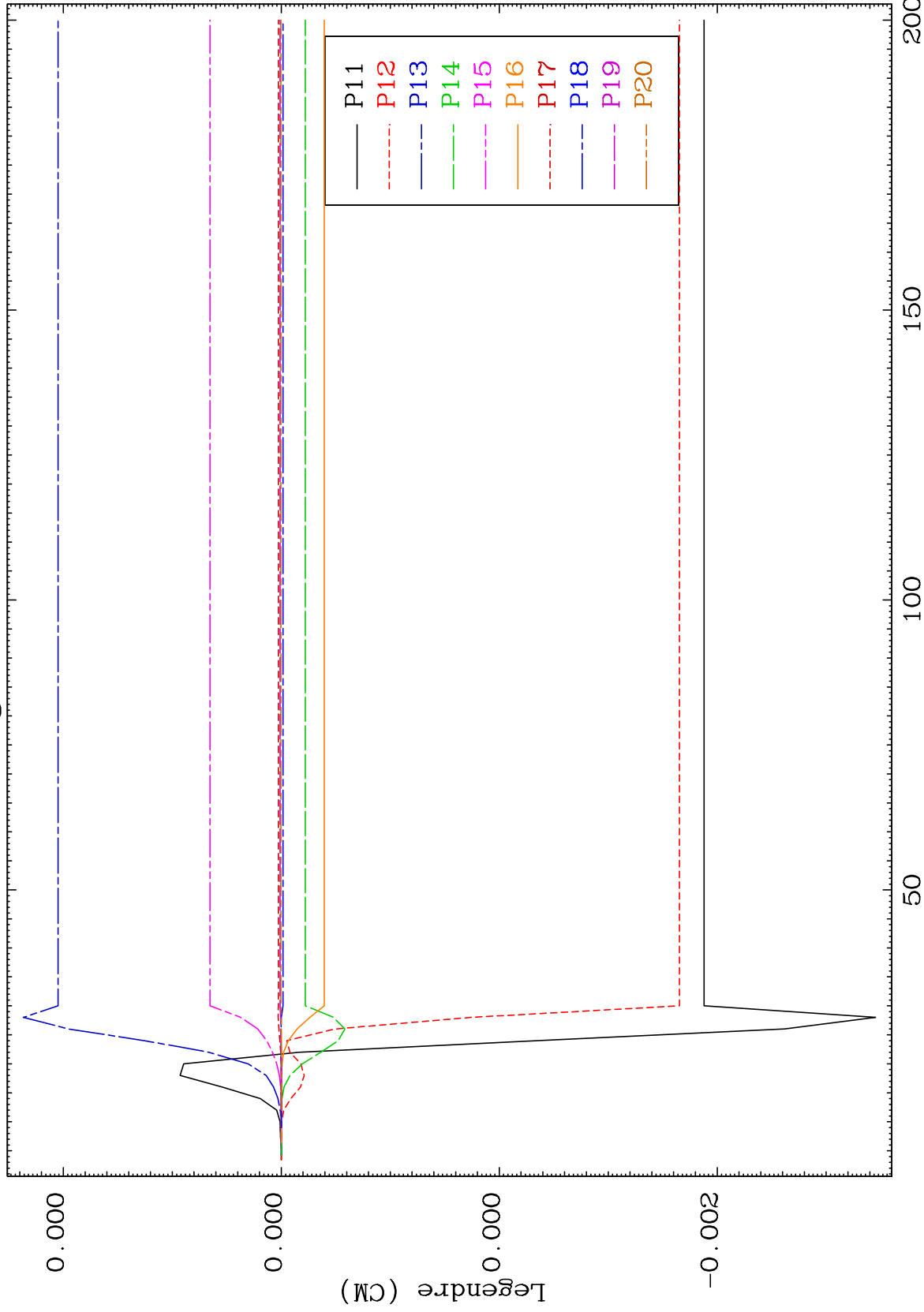
63-Eu-146



MAT 6310

MT= 74 (n,n') Level  
Legendre Coefficients

63-Eu-146



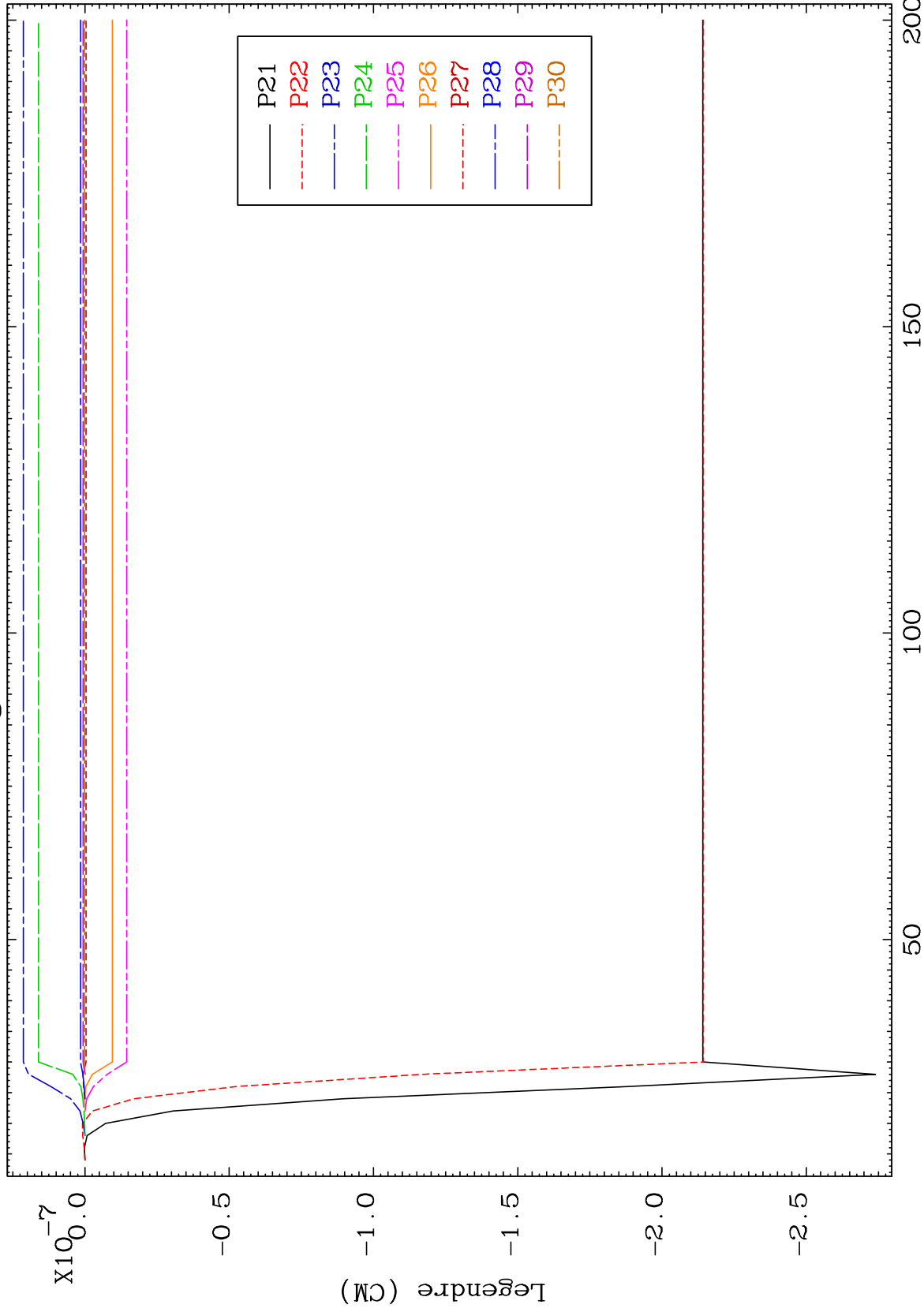
101

63-Eu-146

MAT 6310

MT= 74 (n,n') Level  
Legendre Coefficients

63-Eu-146



102

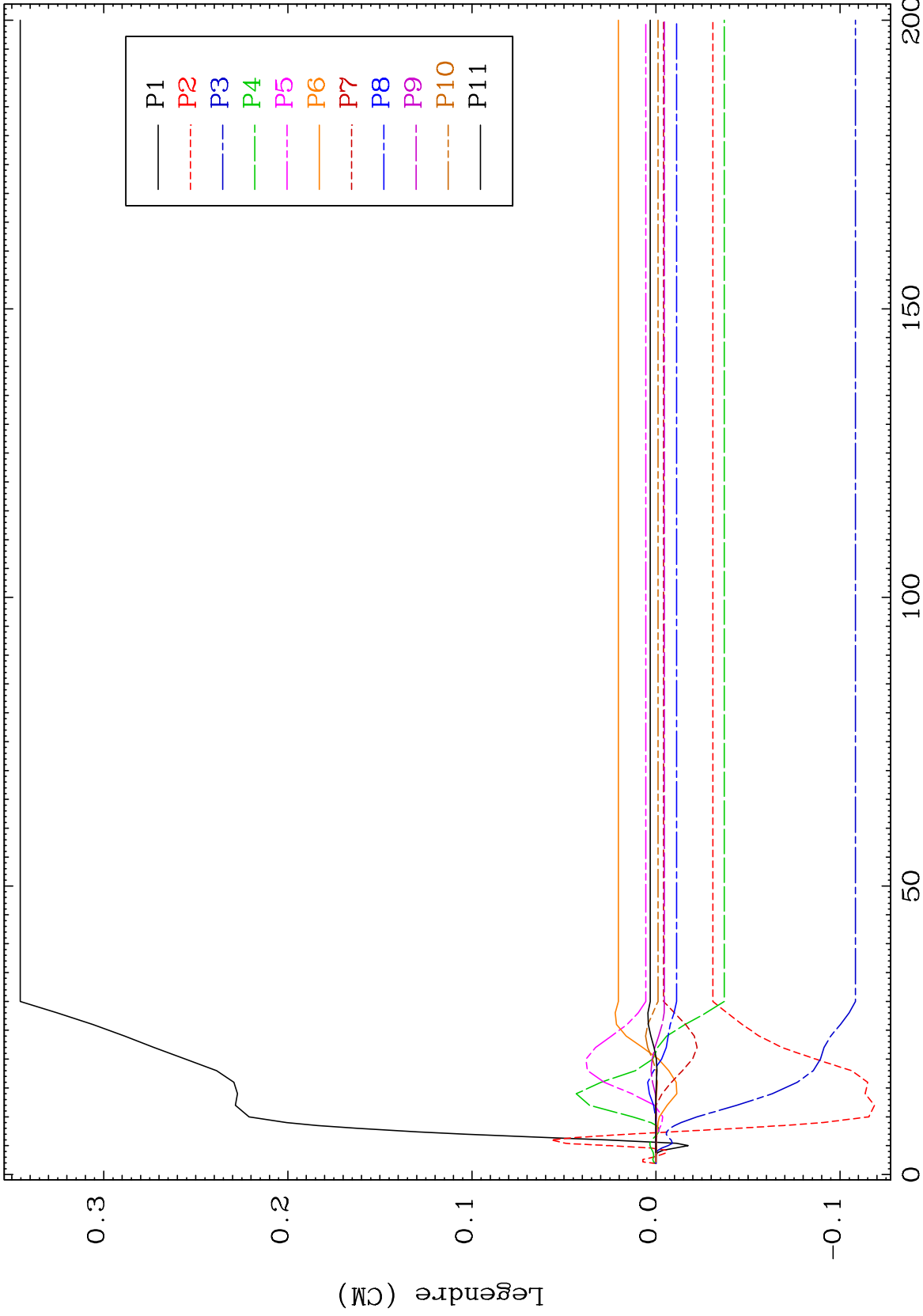
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 75 (n,n') Level  
Legendre Coefficients

63-Eu-146



103

Incident Energy (MeV)

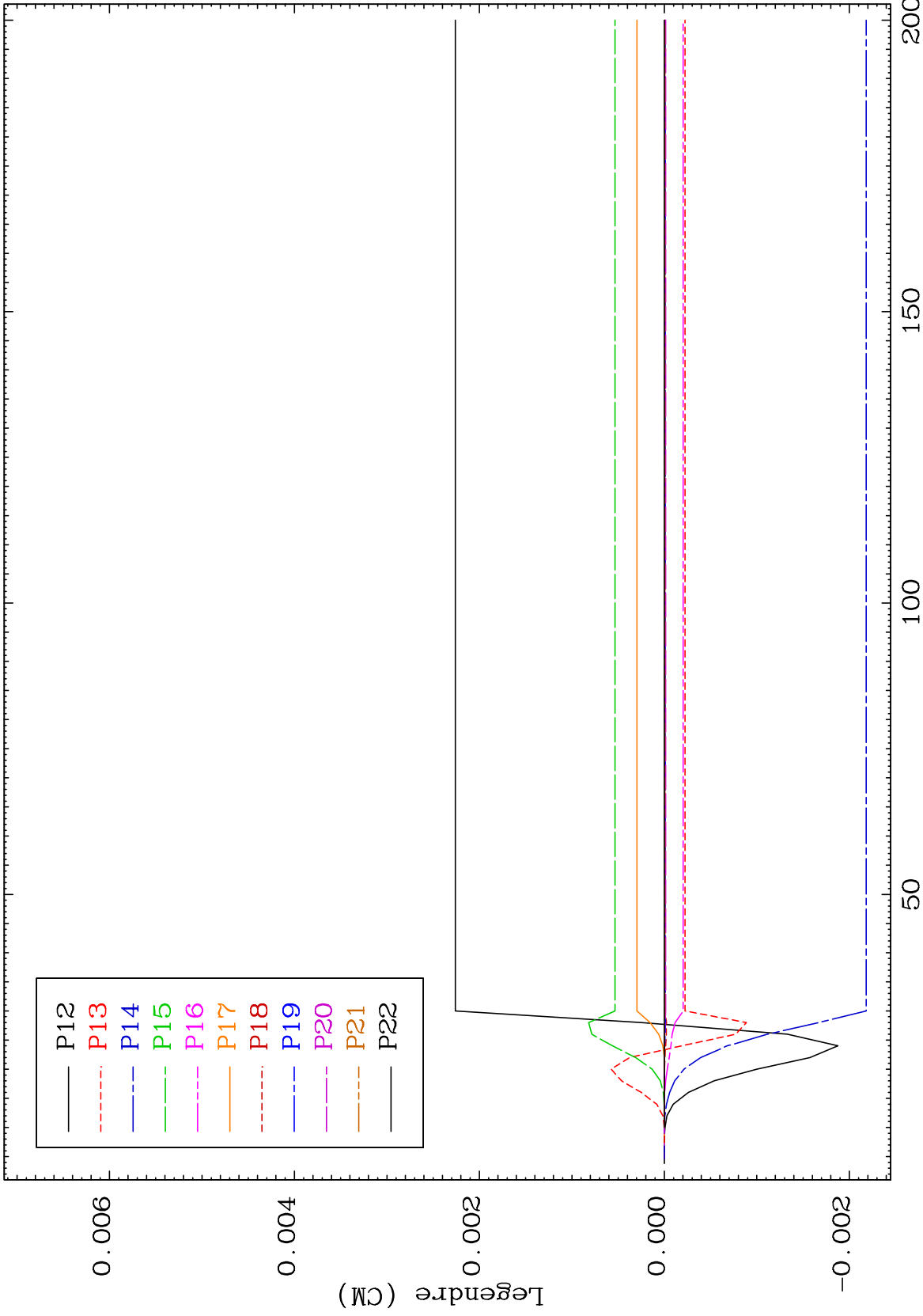
63-Eu-146



MAT 6310

MT= 75 (n,n') Level  
Legendre Coefficients

63-Eu-146



104

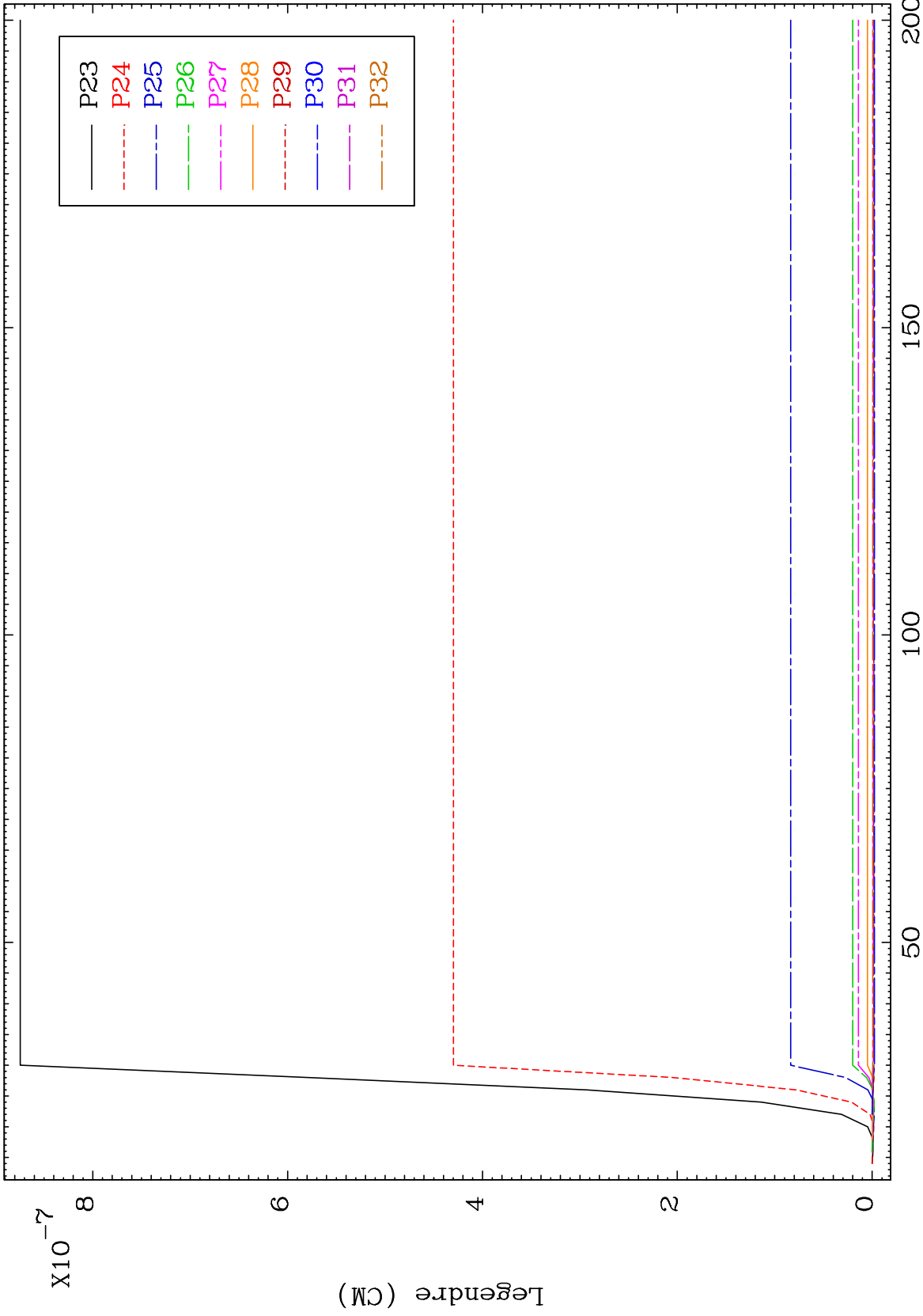
Incident Energy (MeV)

63-Eu-146

MAT 6310

MT= 75 (n,n') Level  
Legendre Coefficients

63-Eu-146



105

Incident Energy (MeV)

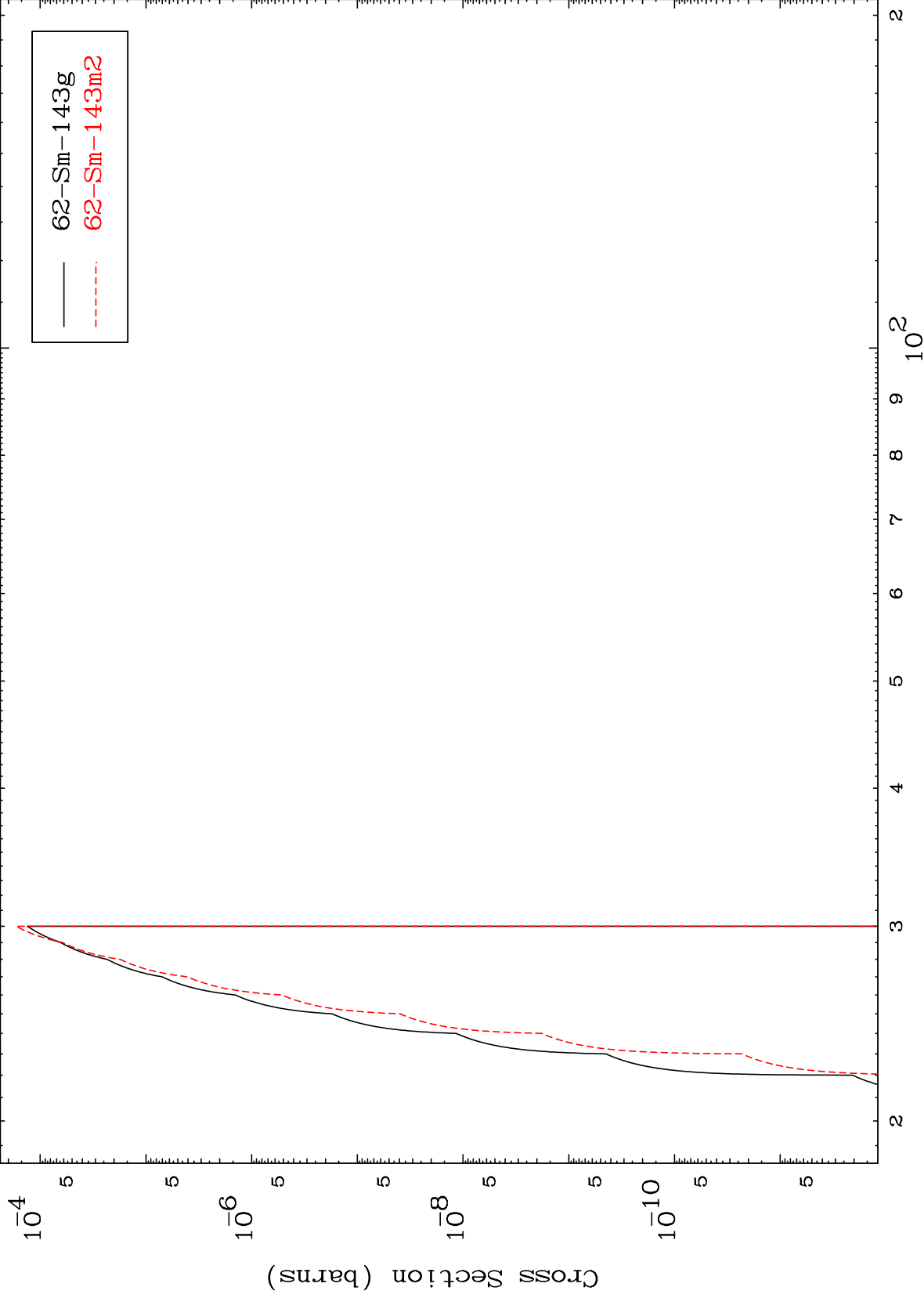
63-Eu-146

MAT 6310

(n,2n) d

63-Eu-146

Radionuclide Production Cross Section



106

Incident Energy (MeV)

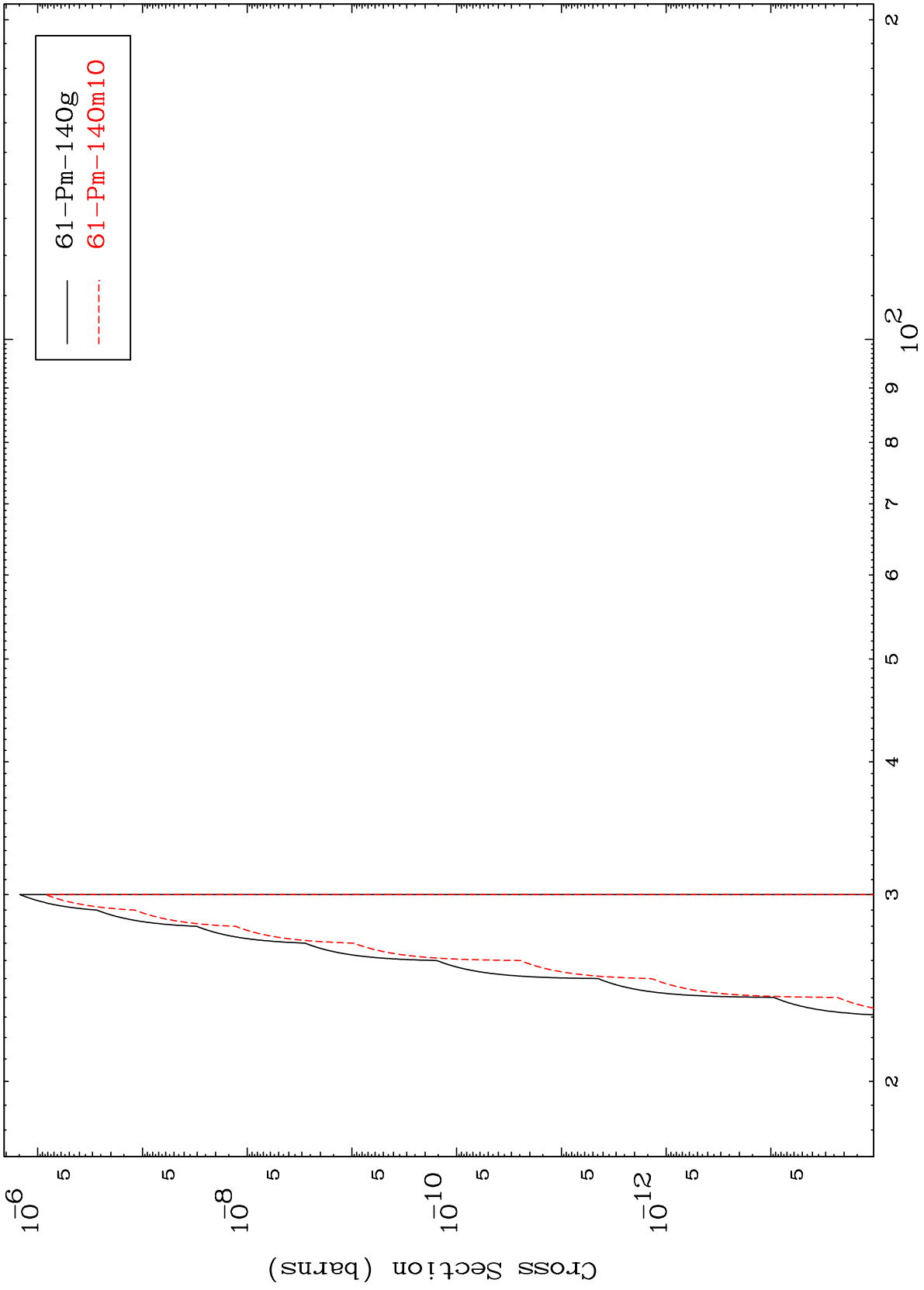
63-Eu-146

MAT 6310

(n,3n)  $\alpha$

63-Eu-146

Radionuclide Production Cross Section



107

Incident Energy (MeV)

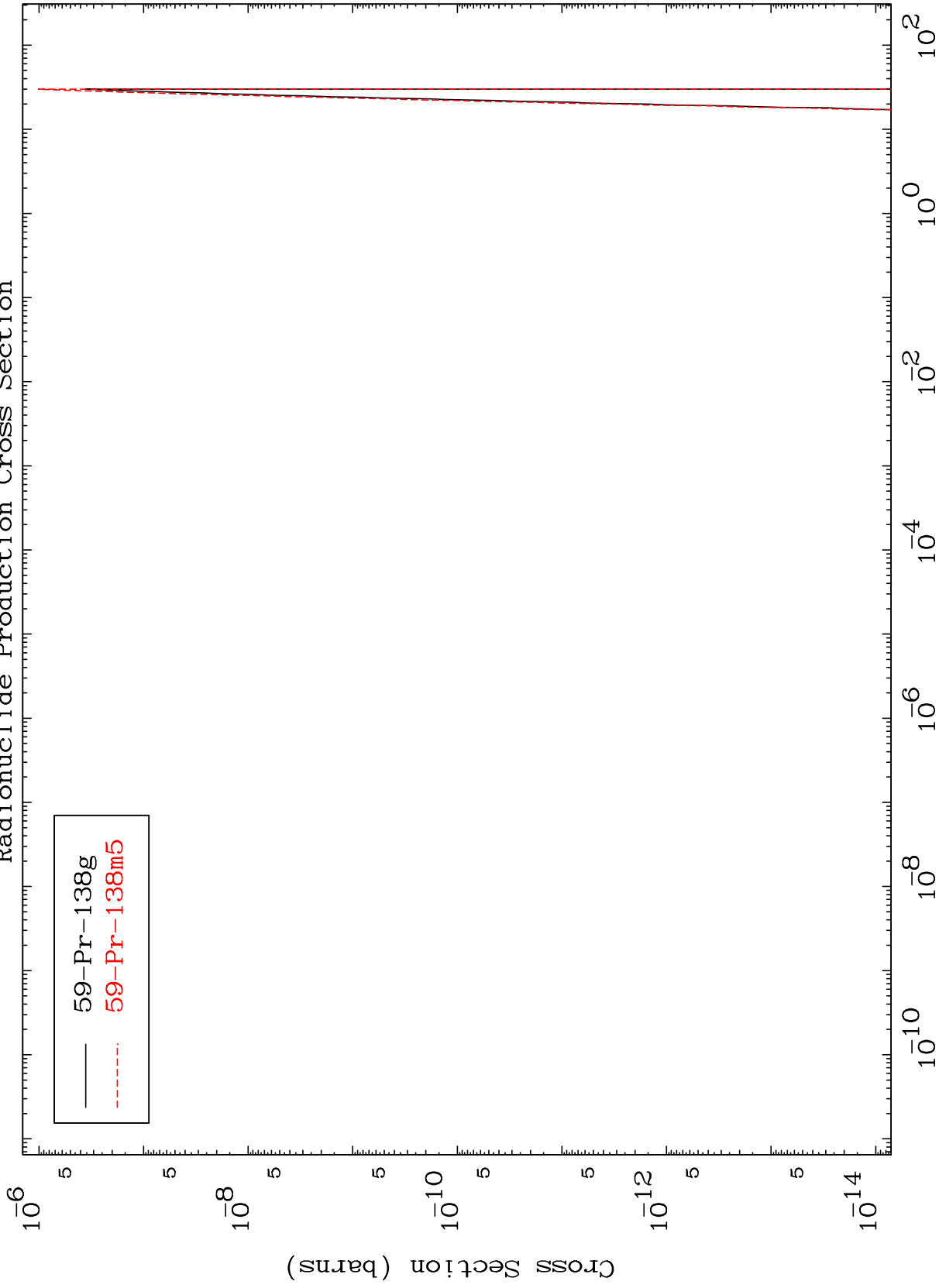
63-Eu-146

MAT 6310

(n,n') 2 $\alpha$

63-Eu-146

Radionuclide Production Cross Section



108

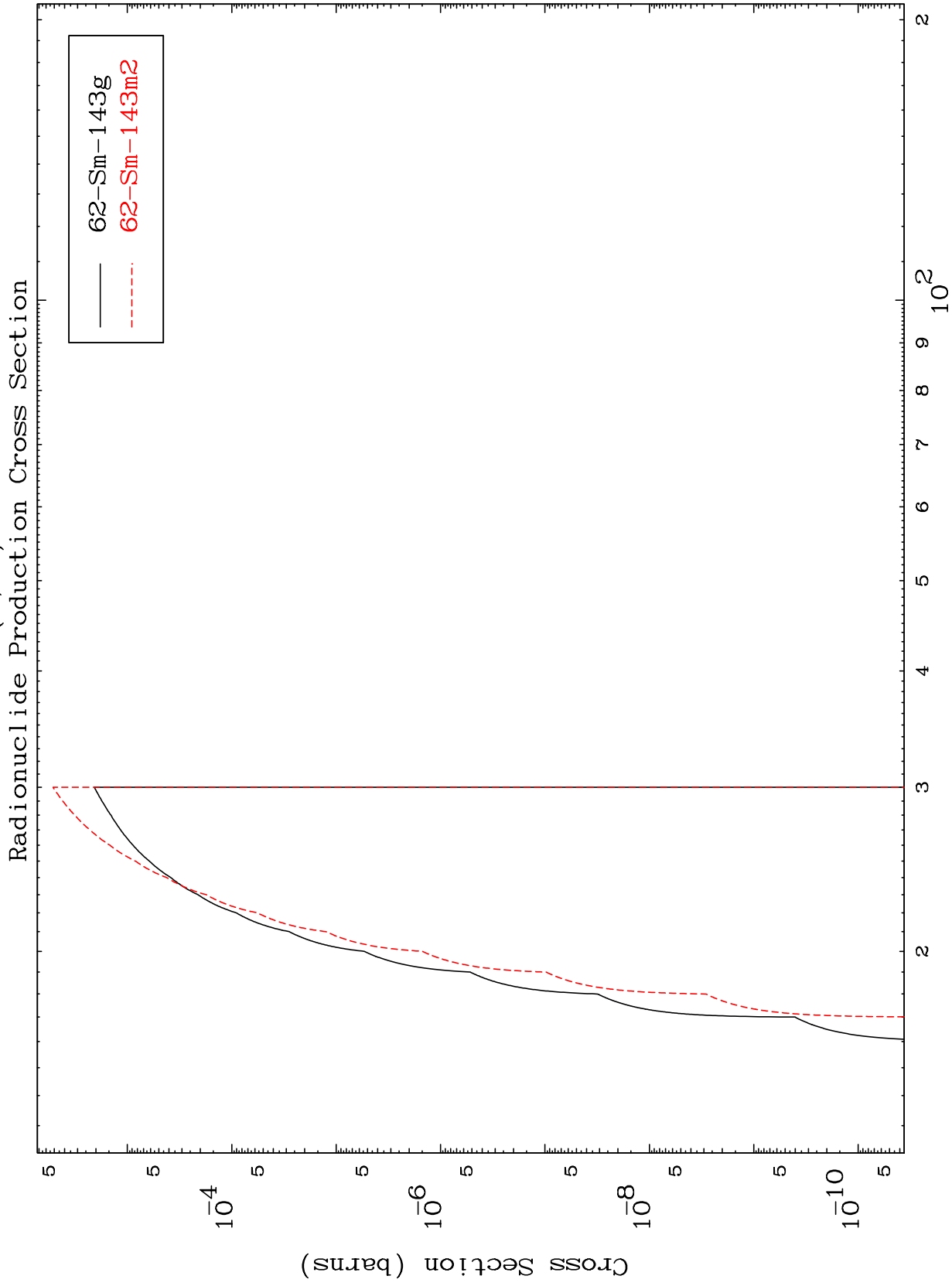
Incident Energy (MeV)

63-Eu-146

MAT 6310

(n,n') t

63-Eu-146



109

Incident Energy (MeV)

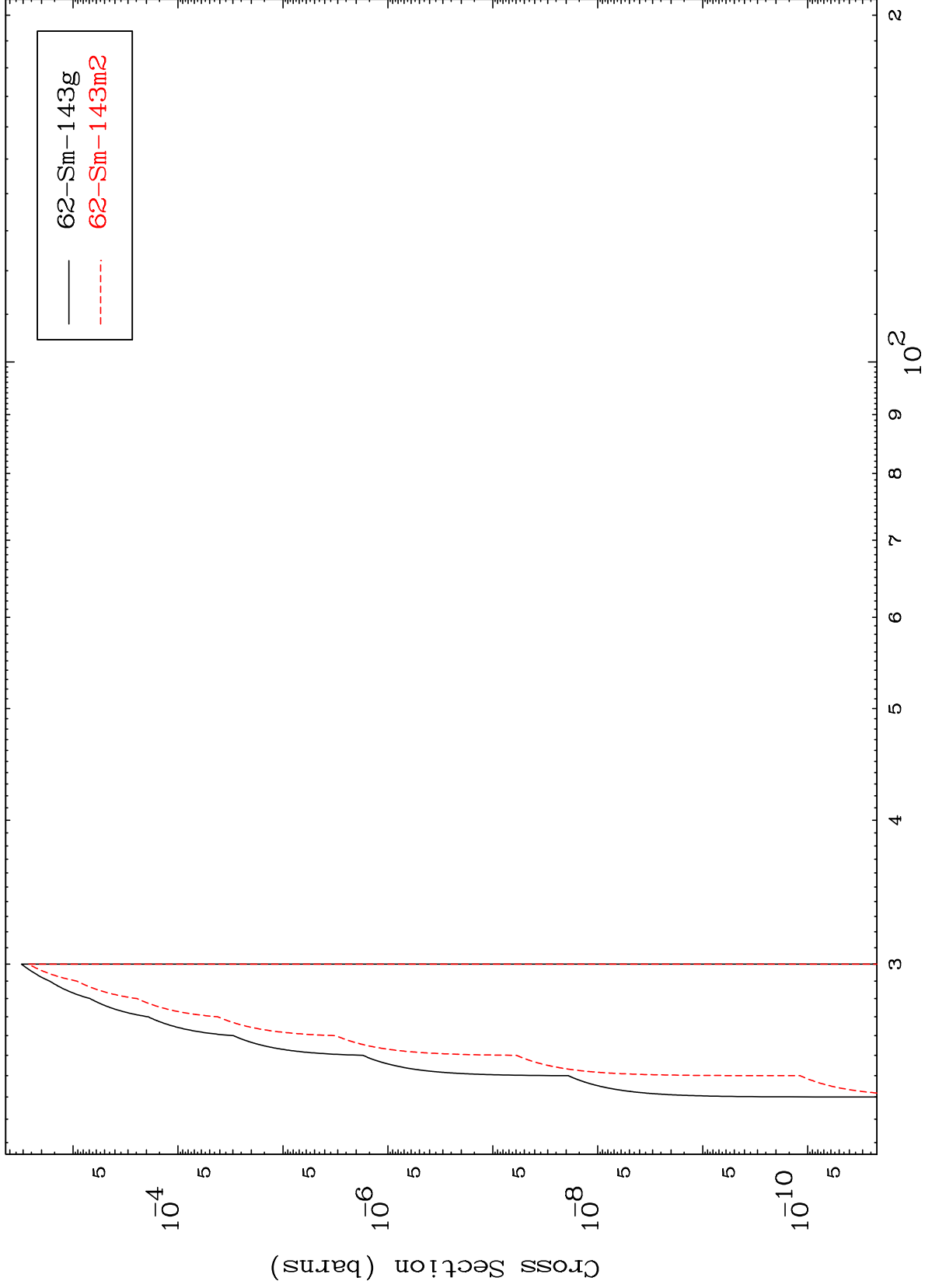
63-Eu-146

MAT 6310

(n,3n) p

63-Eu-146

Radionuclide Production Cross Section



110

Incident Energy (MeV)

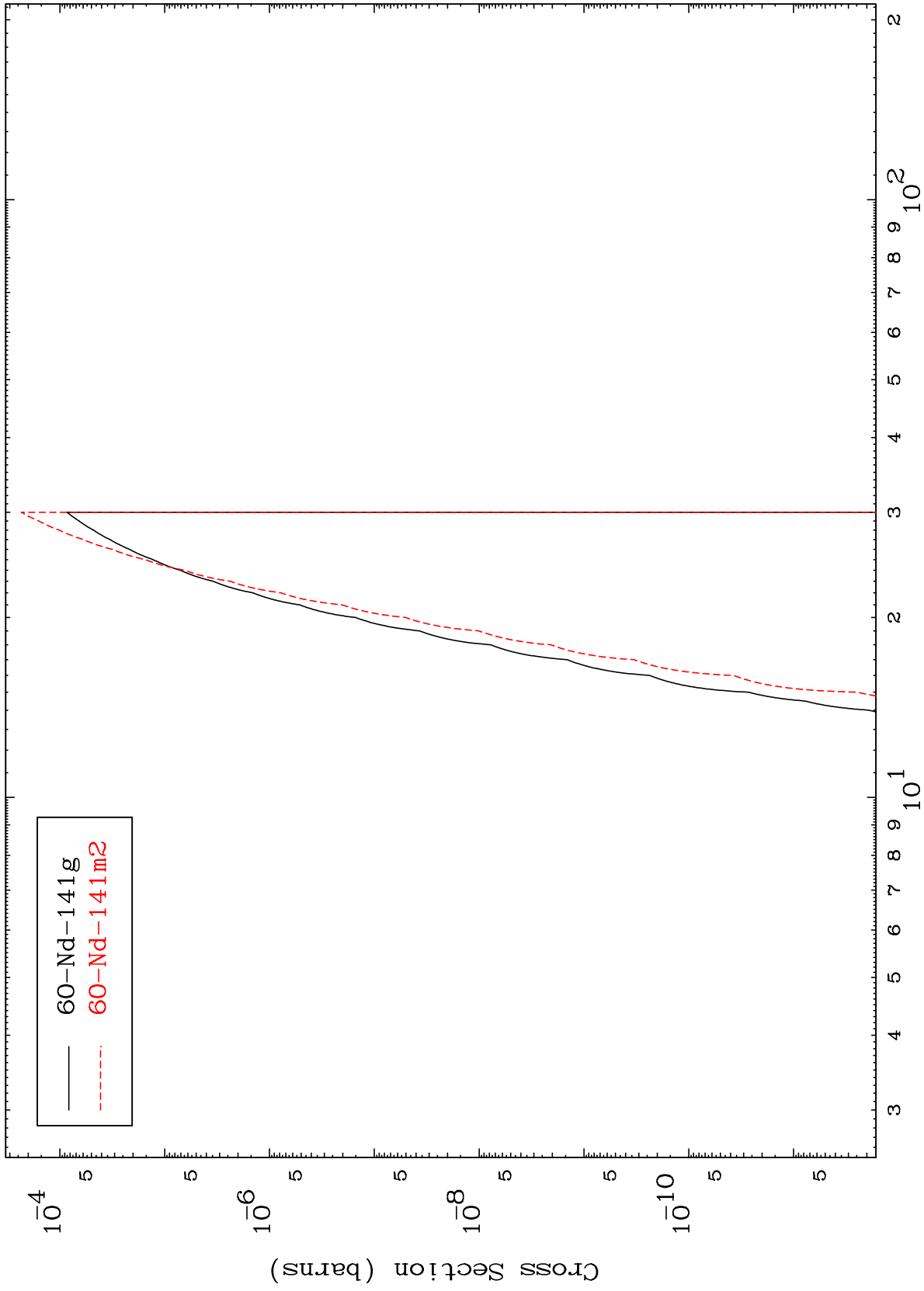
63-Eu-146

MAT 6310

(n,n') p  $\alpha$

63-Eu-146

Radionuclide Production Cross Section



111

Incident Energy (MeV)

63-Eu-146



MAT 6310

(n,d)  $\alpha$

63-Eu-146

Radionuclide Production Cross Section

