

Program EVALPLOT
(Version 2018-1)

by

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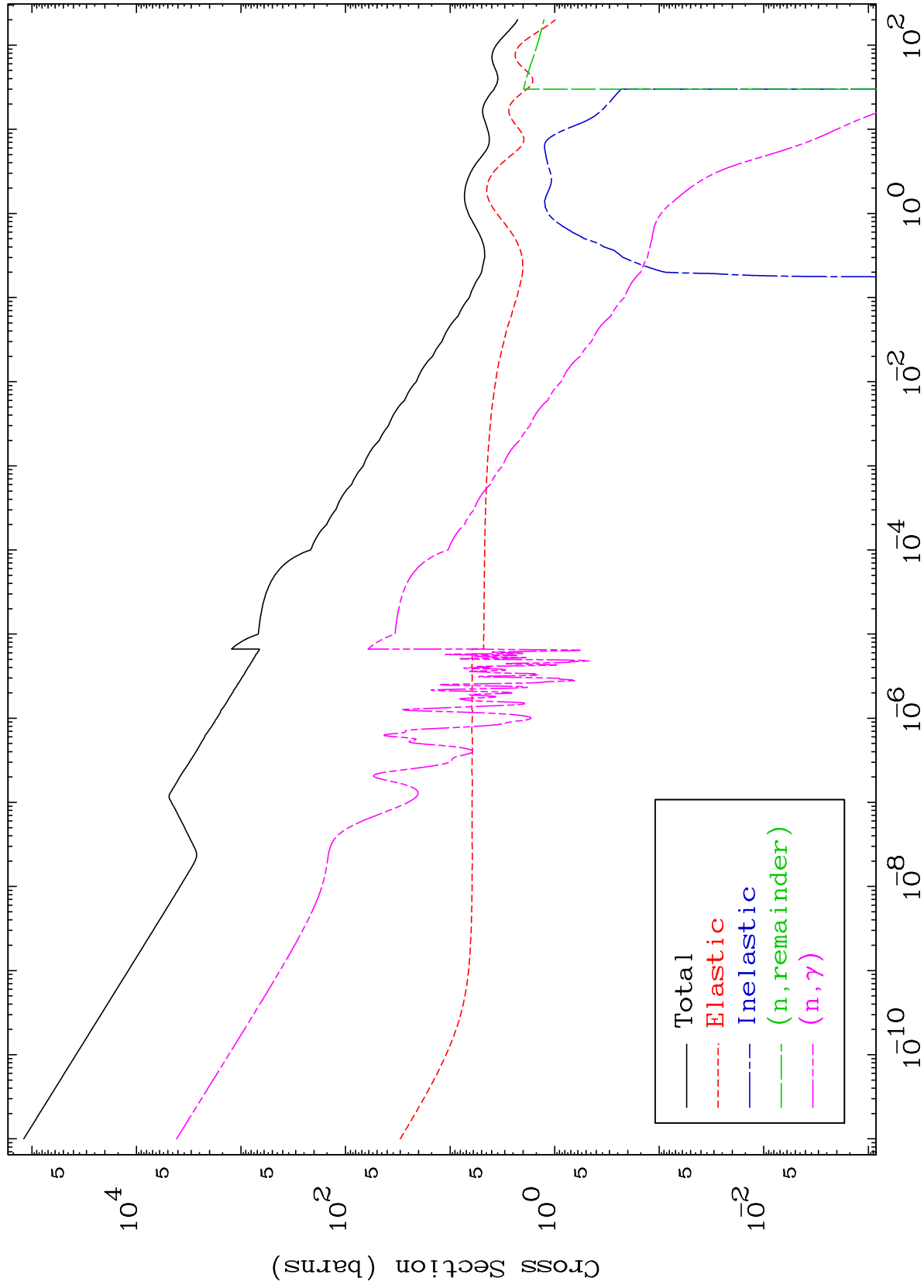
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6292

Major
293 Kelvin Cross Sections

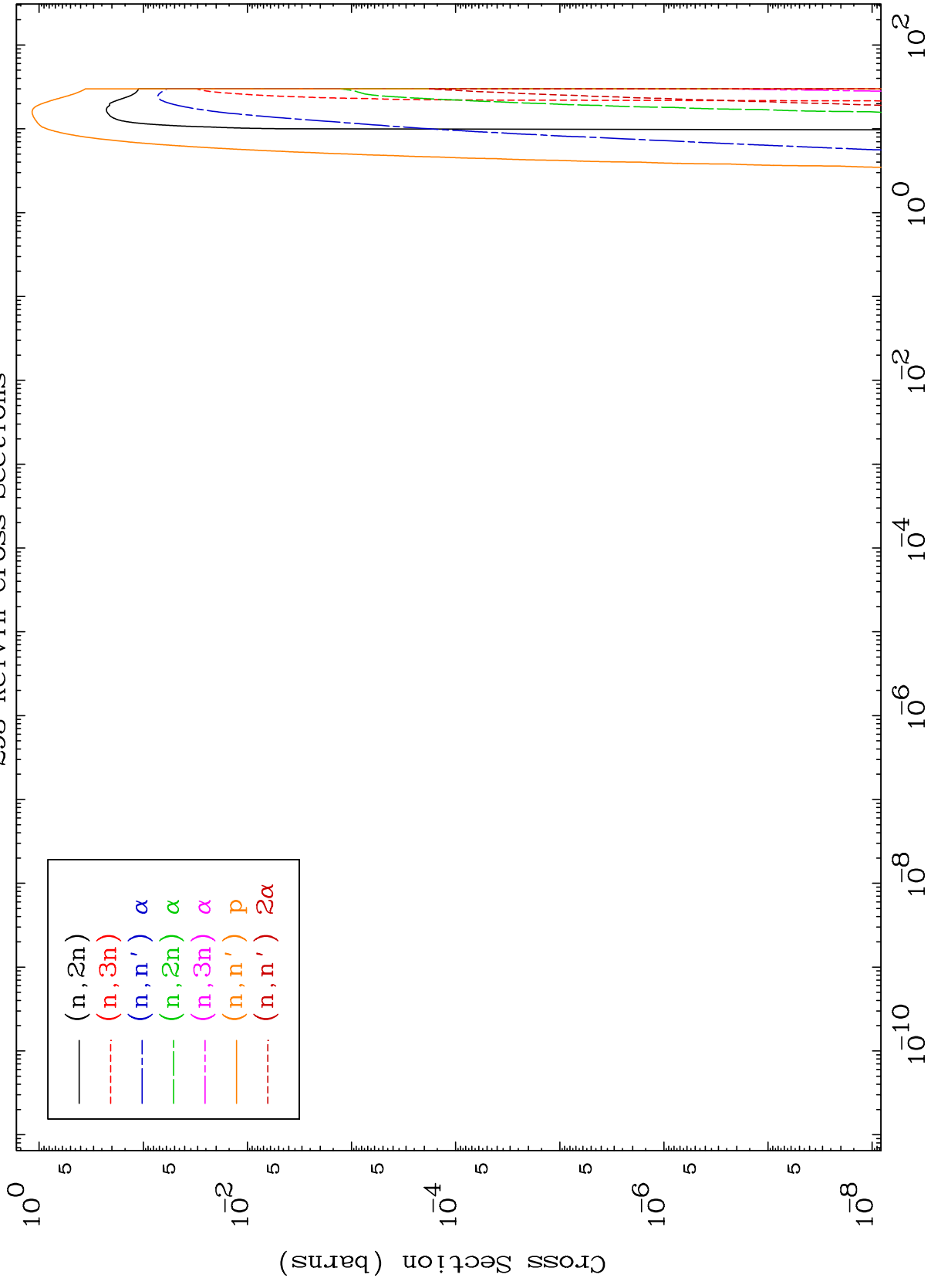
63-Eu-140

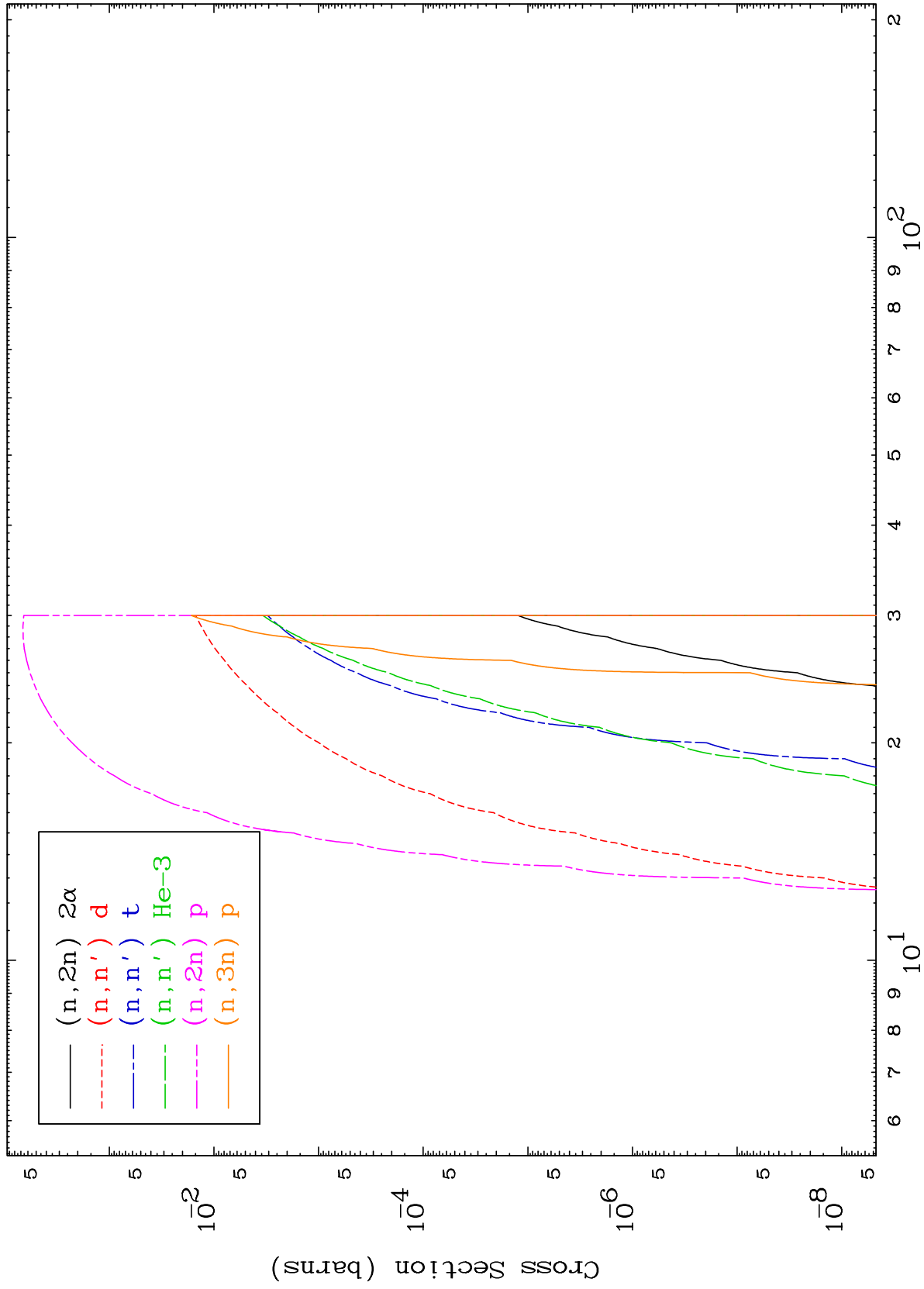


MAT 6292

Neutron Production
293 Kelvin Cross Sections

63-Eu-140

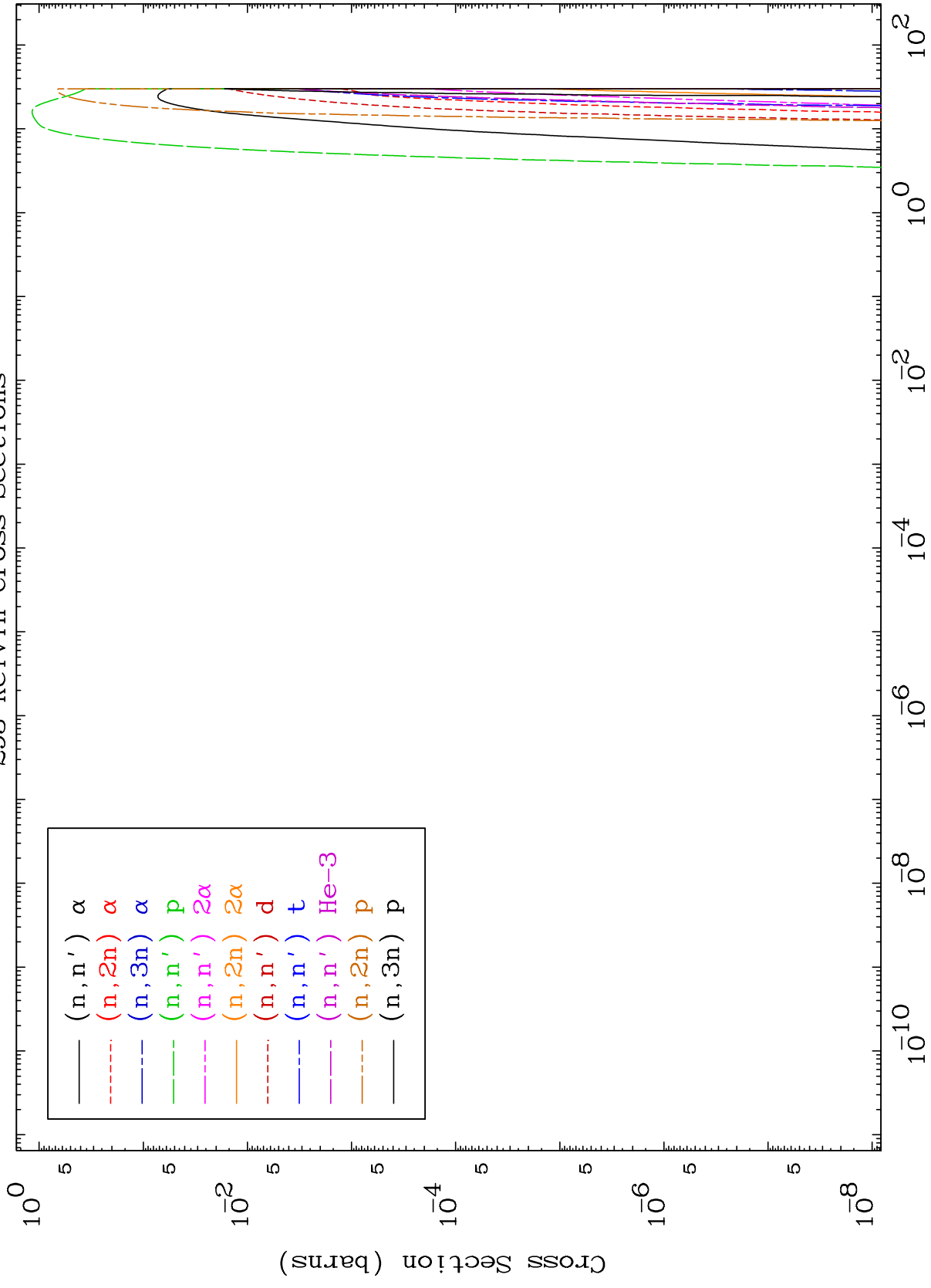




MAT 6292

Charged Particle
293 Kelvin Cross Sections

63-Eu-140

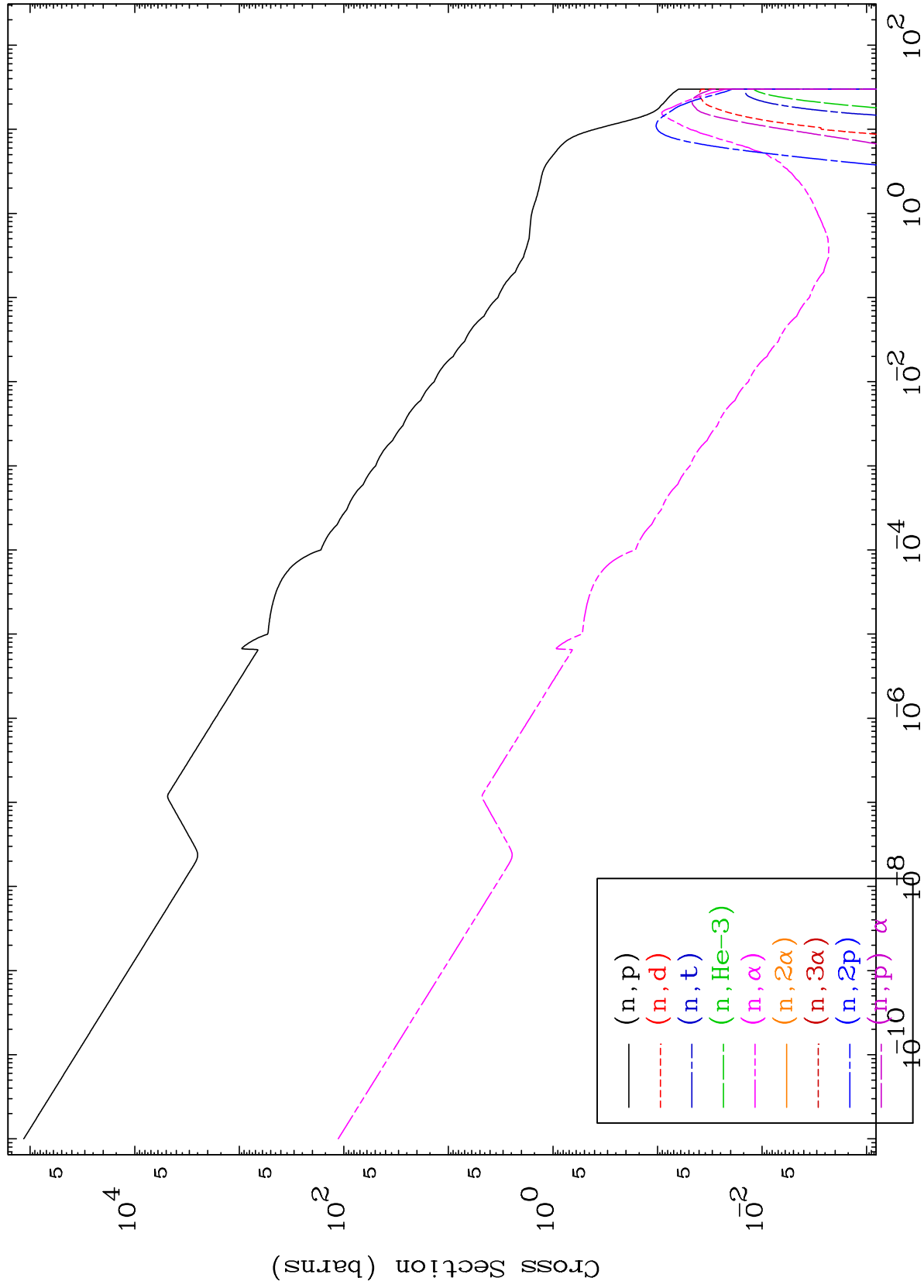


63-Eu-140

MAT 6292

293 Kelvin Cross Sections

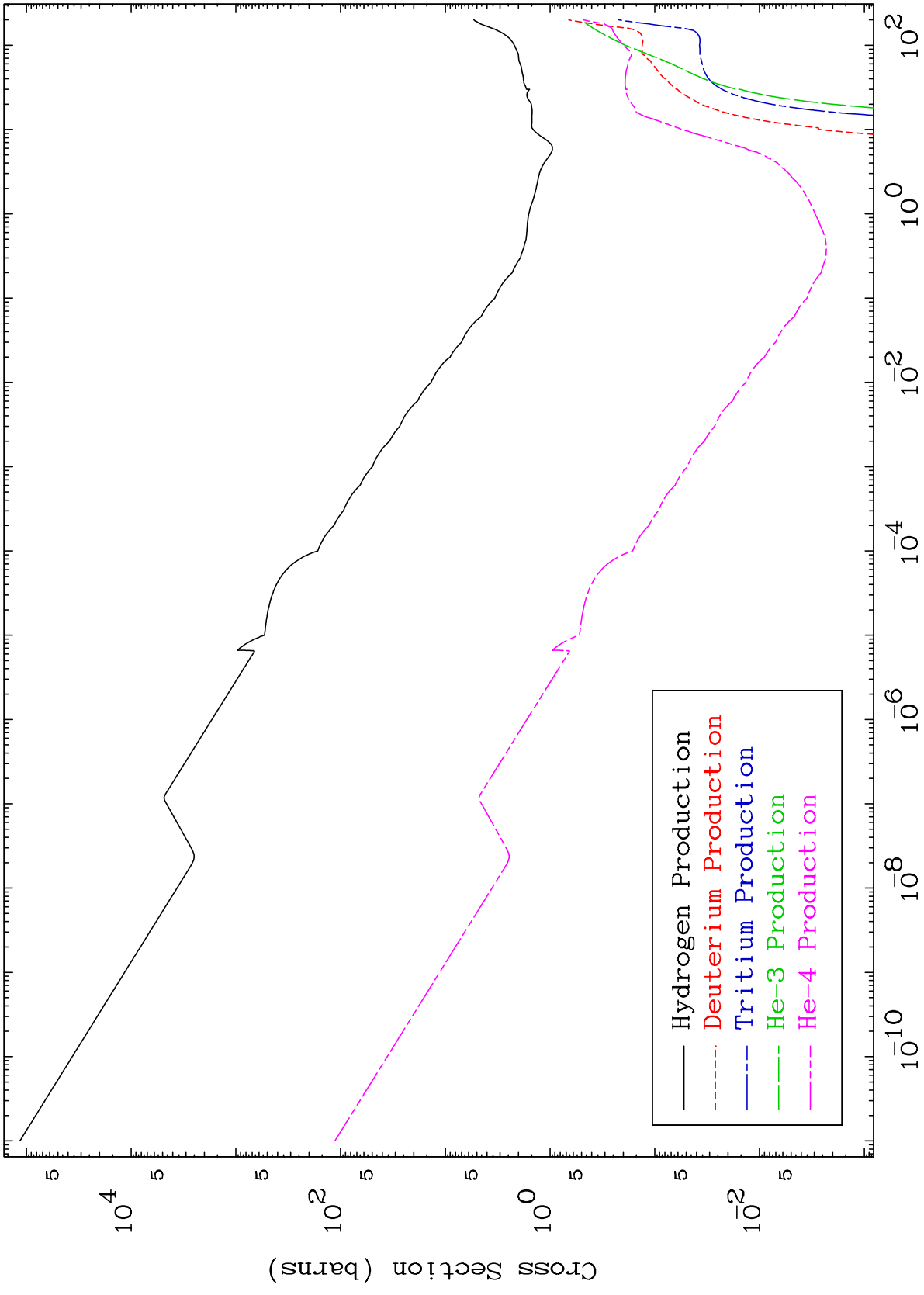
63-Eu-140



5

Incident Energy (MeV)

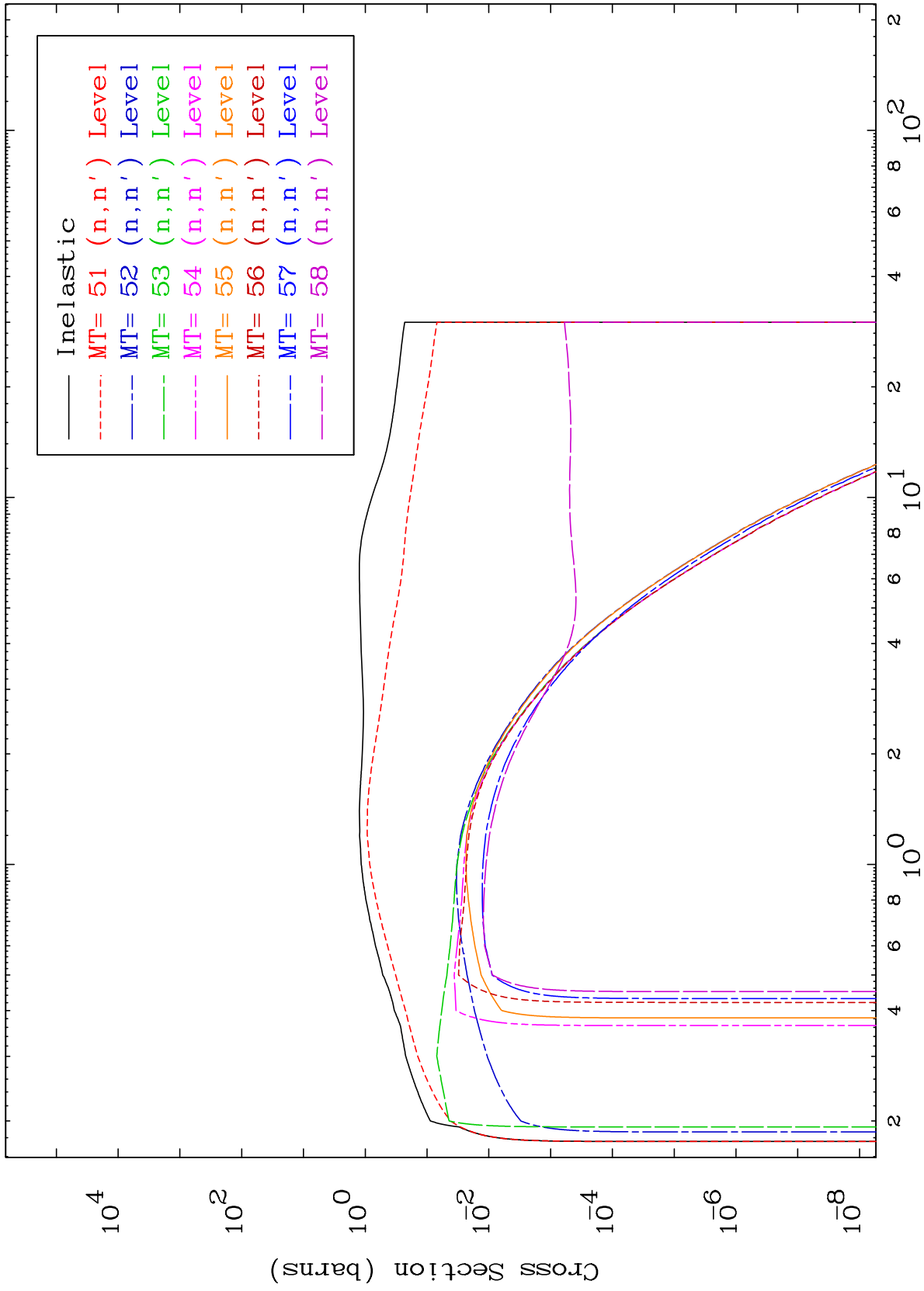
63-Eu-140



MAT 6292

(n,n') Level
293 Kelvin Cross Sections

63-Eu-140



7

Incident Energy (MeV)

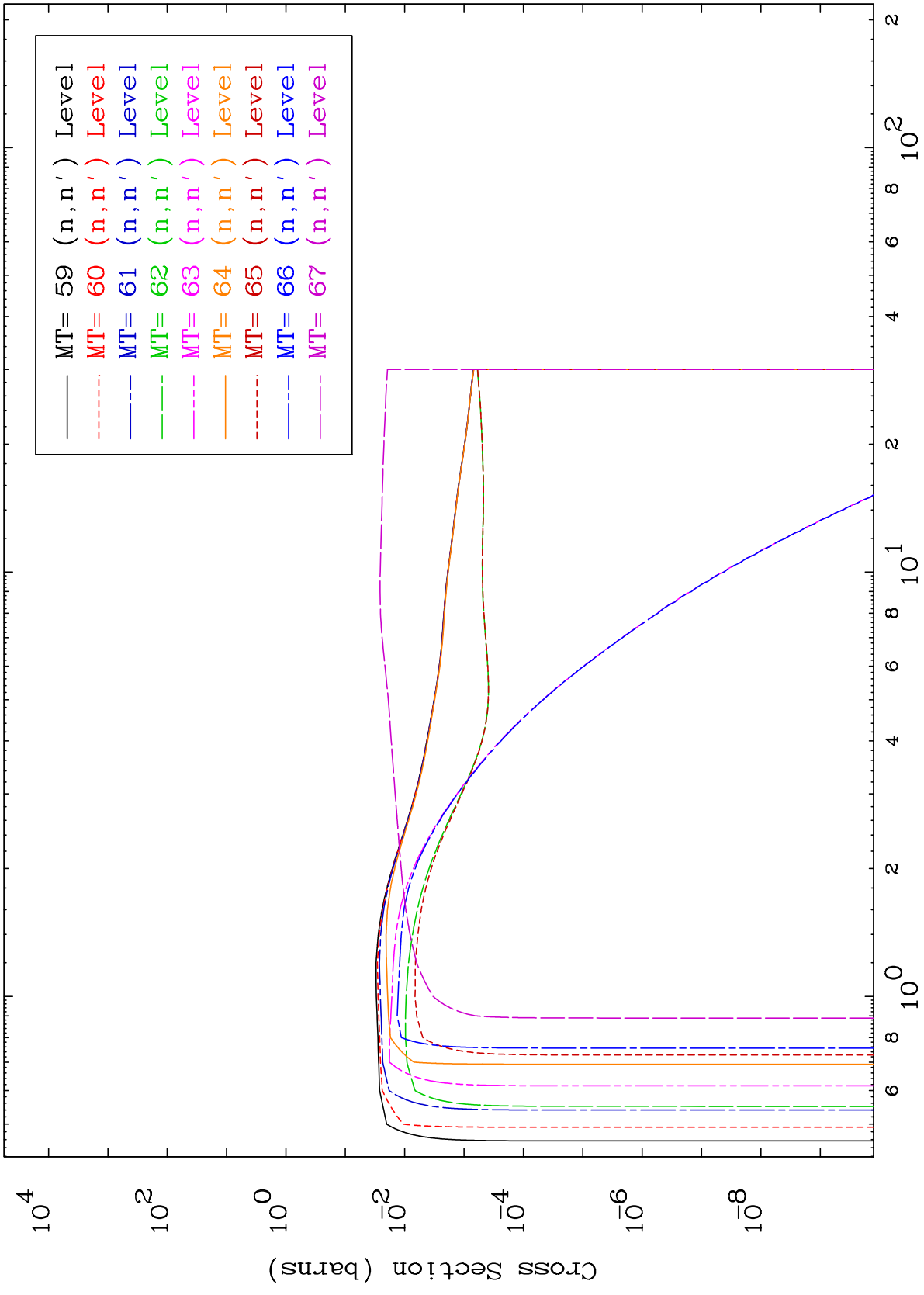
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MAT 6292

(n,n') Level

63-Eu-140

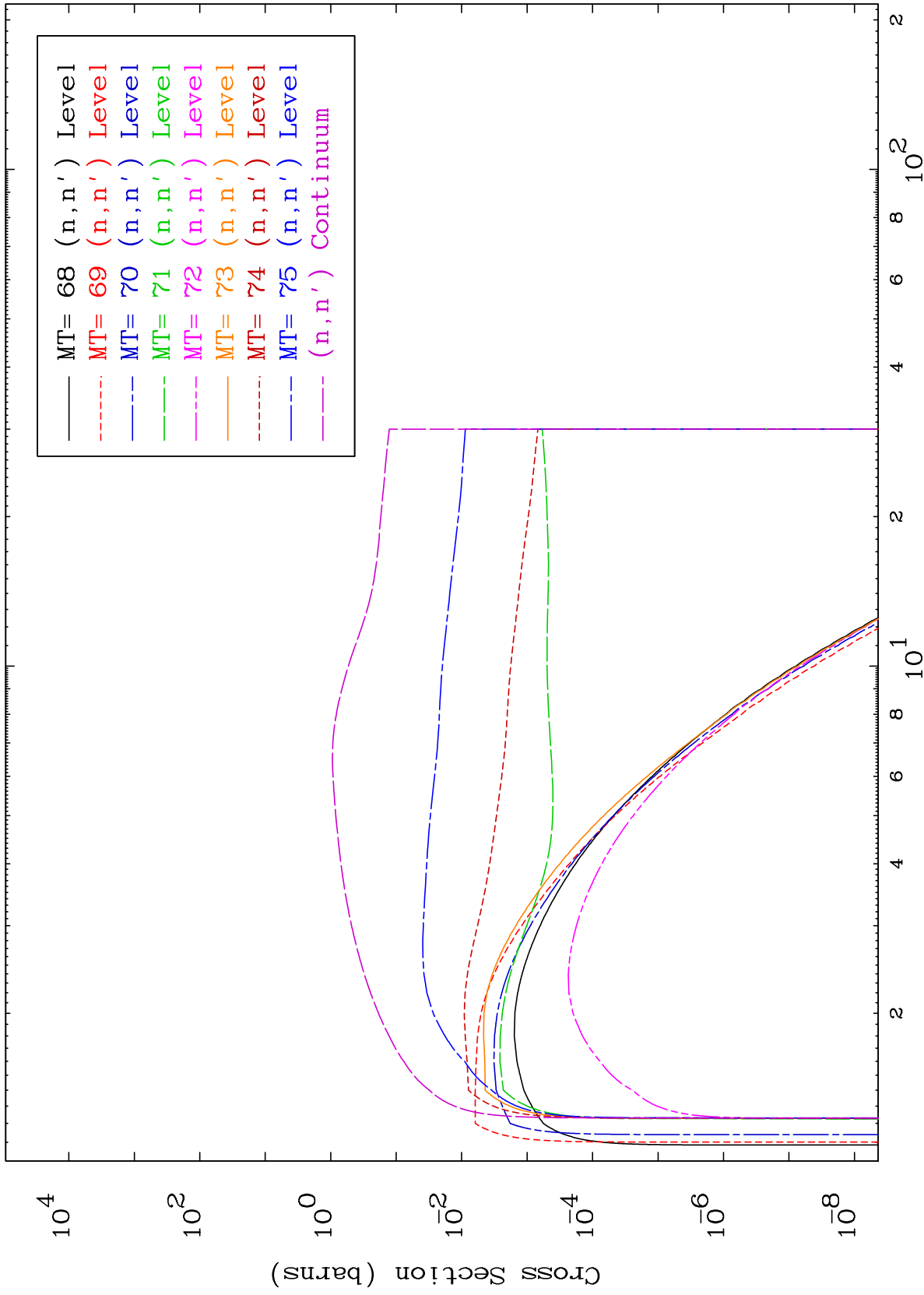
293 Kelvin Cross Sections



8

Incident Energy (MeV)

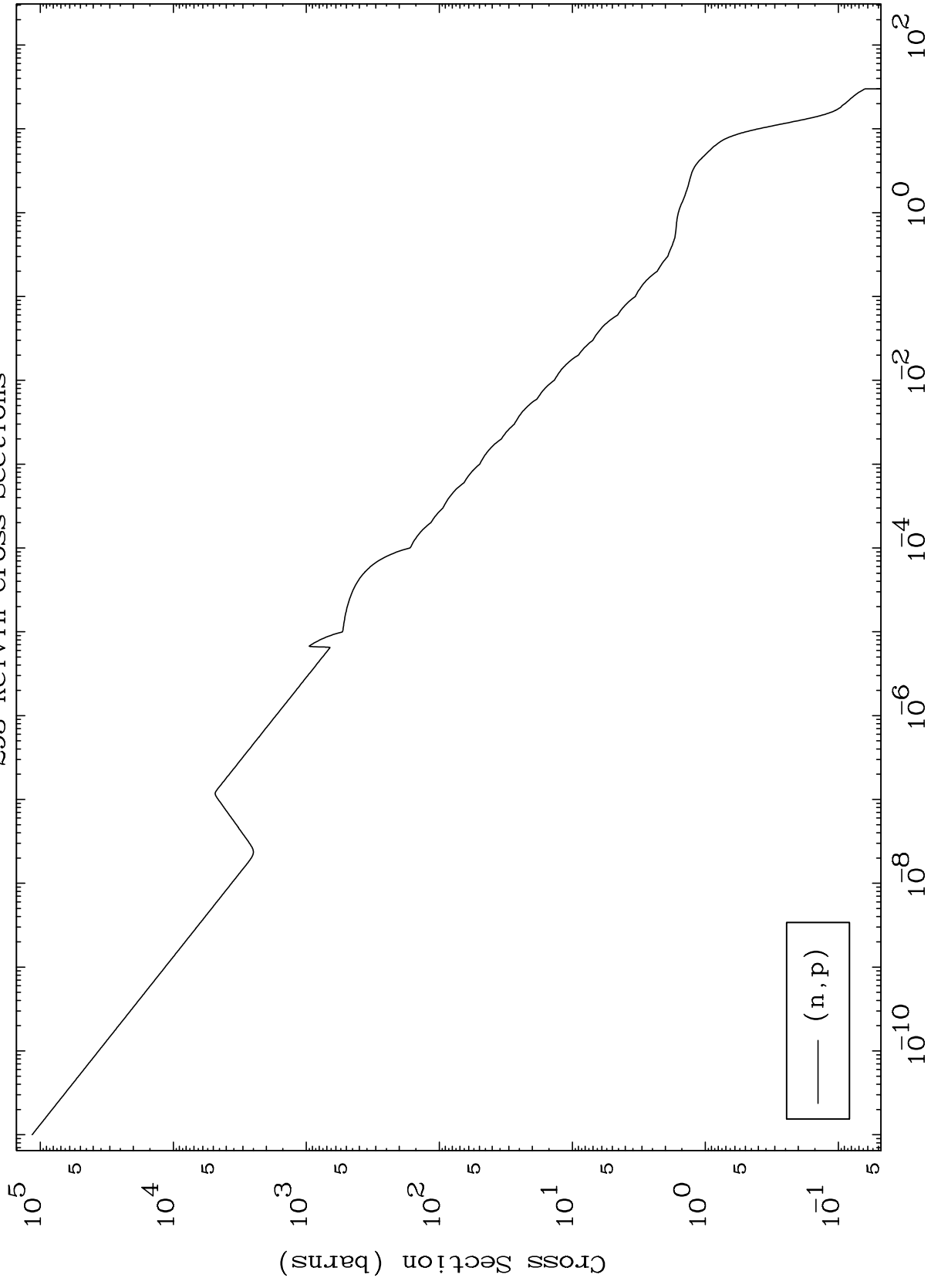
63-Eu-140



MAT 6292

(n,p) Levels
293 Kelvin Cross Sections

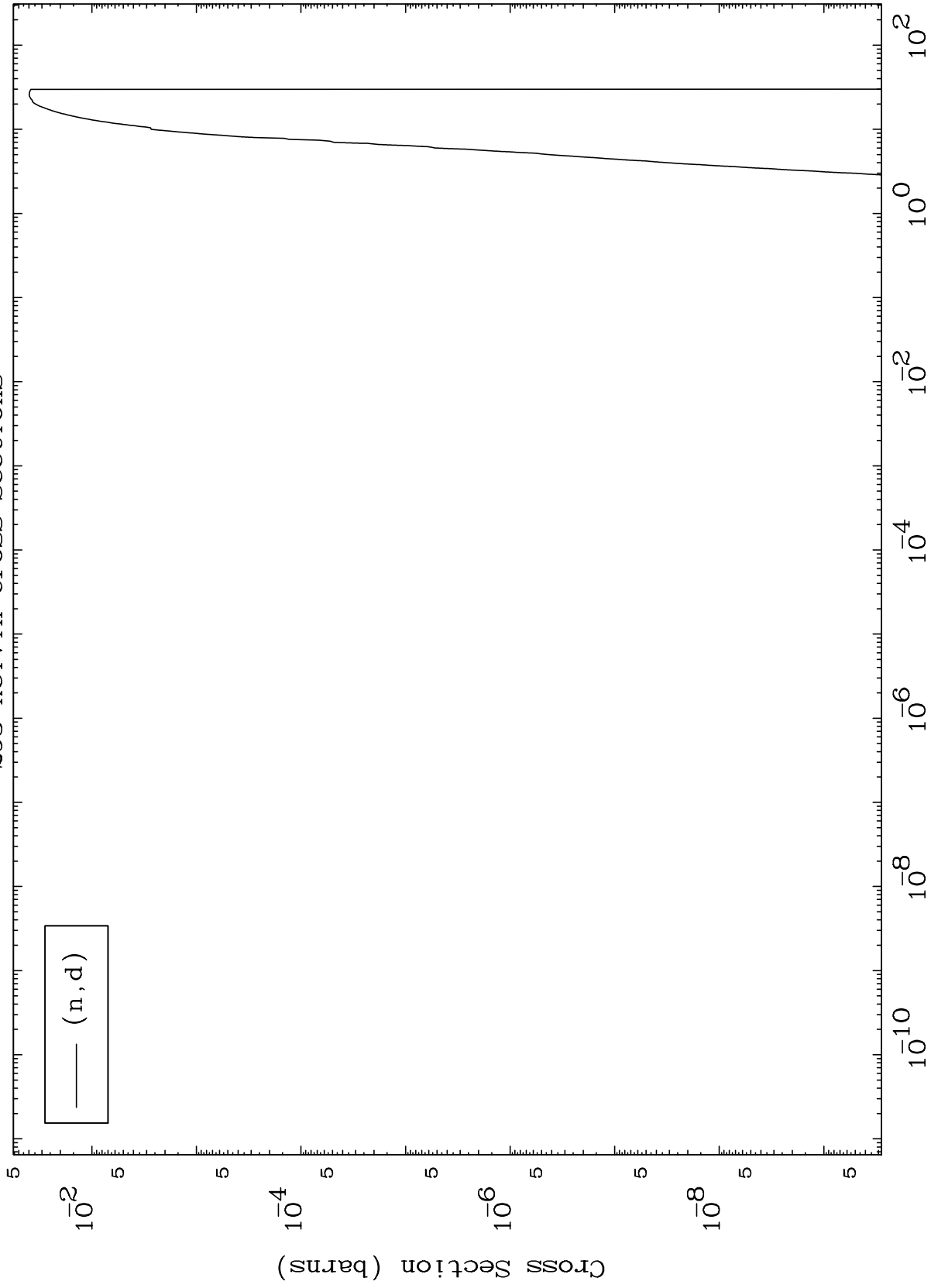
63-Eu-140



MAT 6292

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-140



11

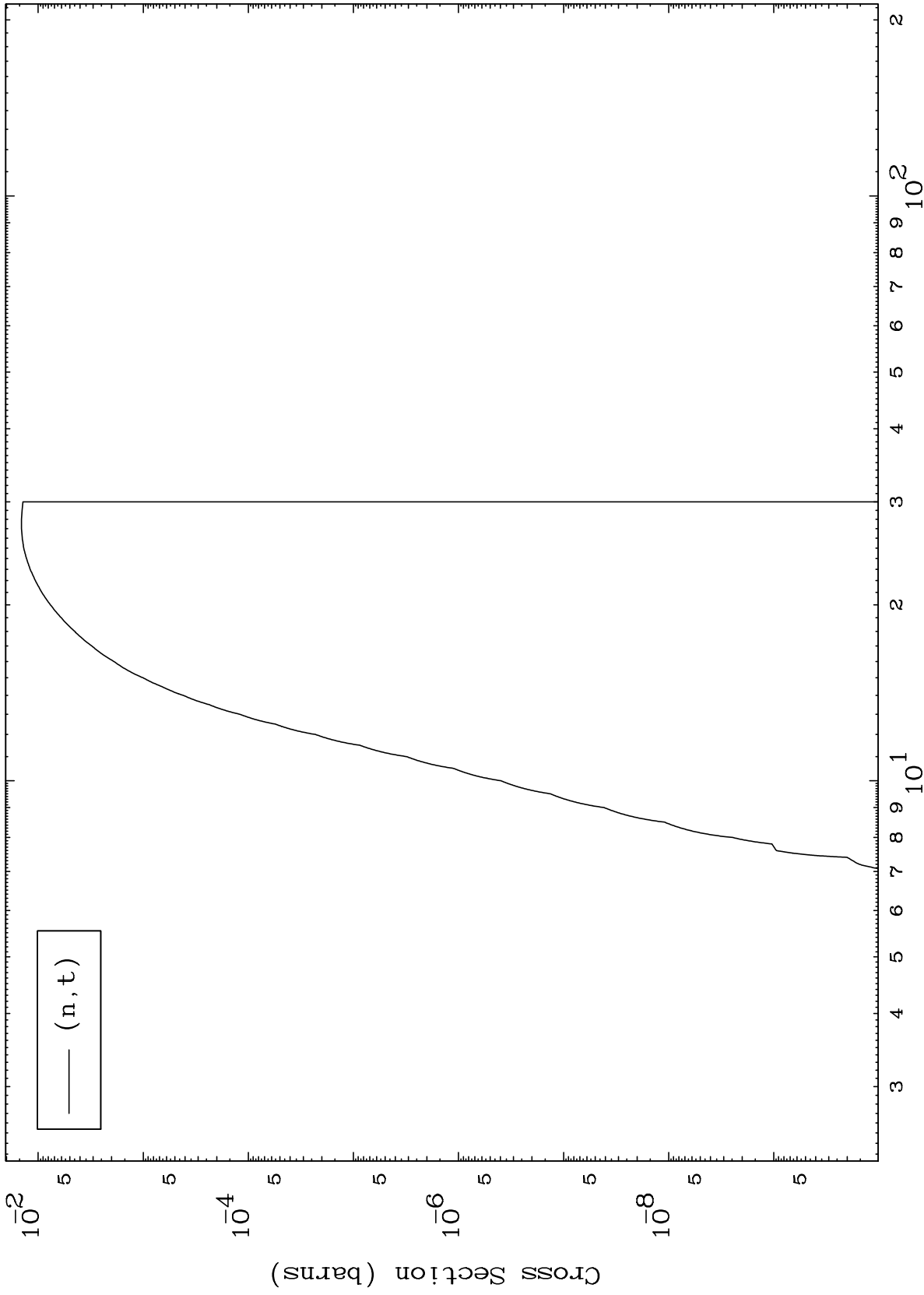
Incident Energy (MeV)

63-Eu-140

MAT 6292

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-140



12

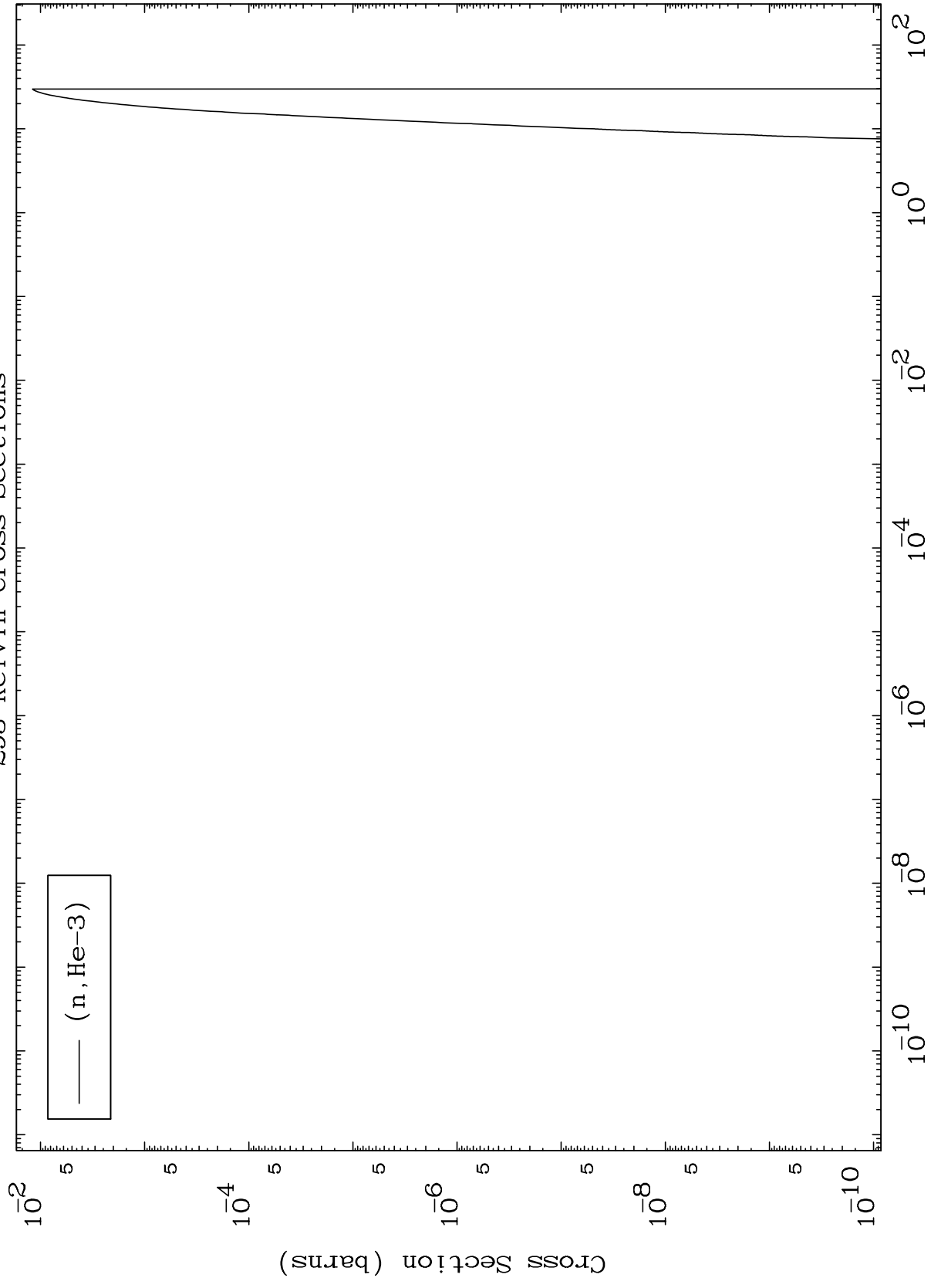
Incident Energy (MeV)

63-Eu-140

MAT 6292

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-140



13

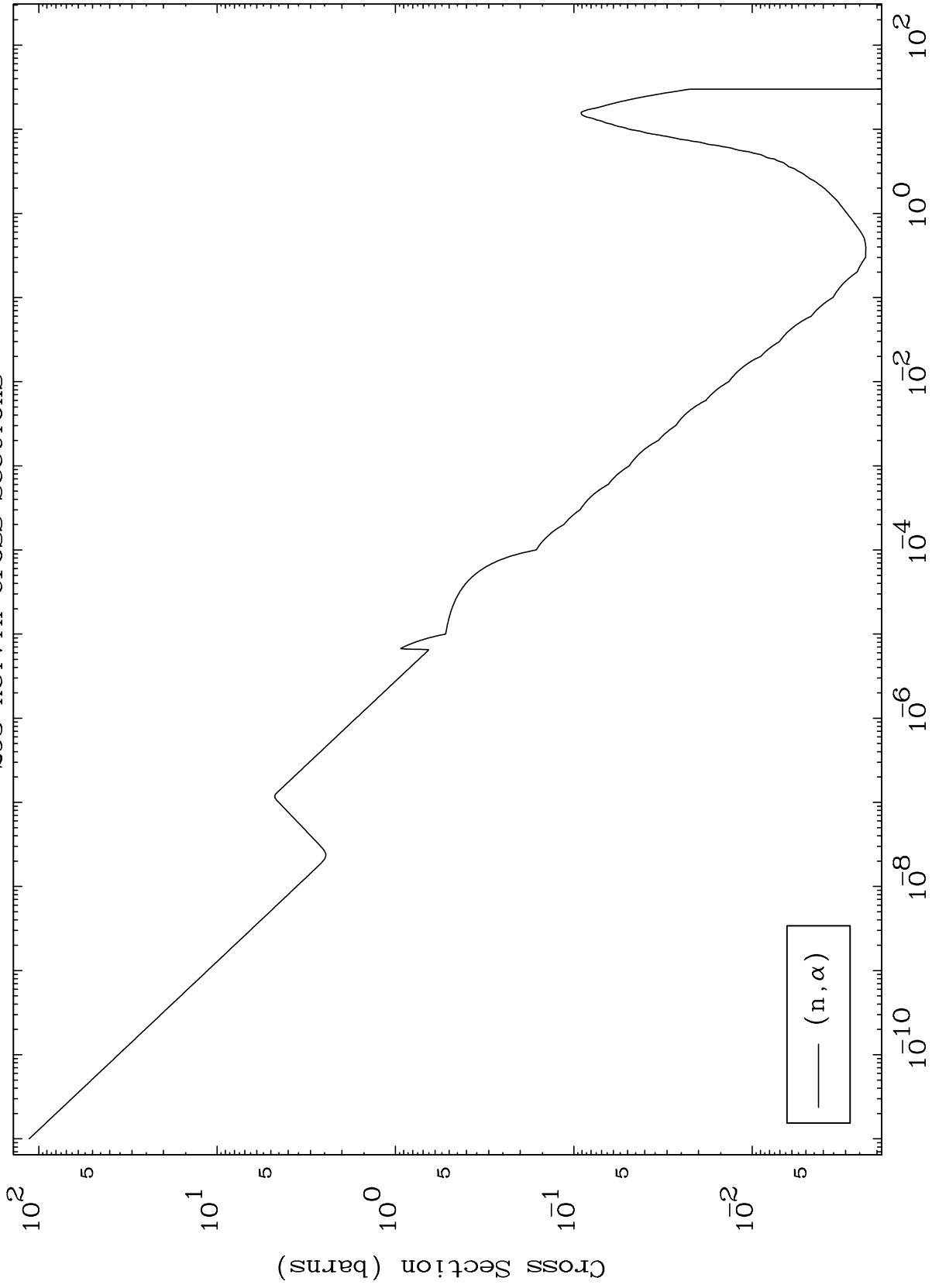
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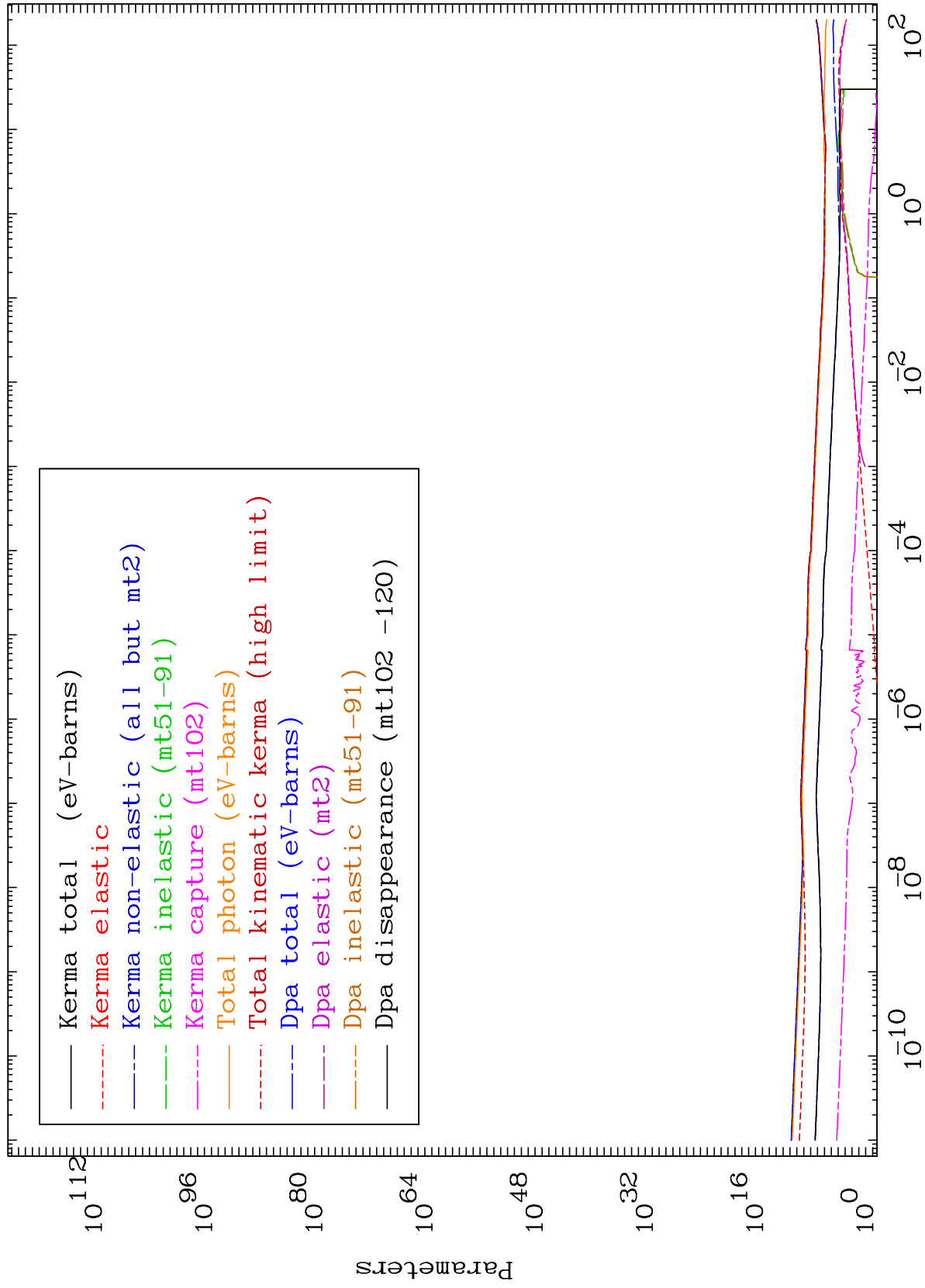
63-Eu-140

MAT 6292

(n,α) Levels
293 Kelvin Cross Sections

63-Eu-140

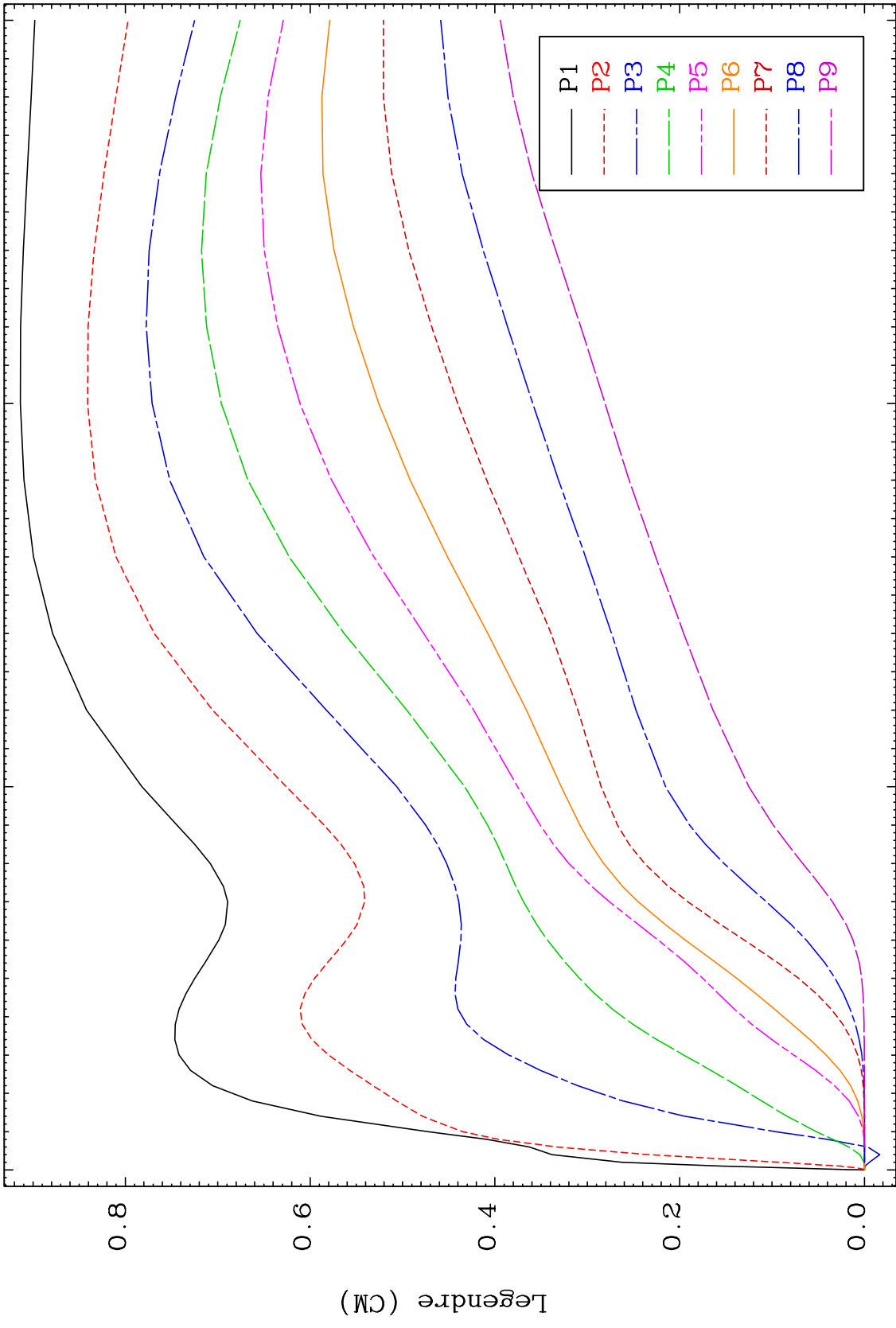




MAT 6292

Elastic Legendre Coefficients

63-Eu-140



16

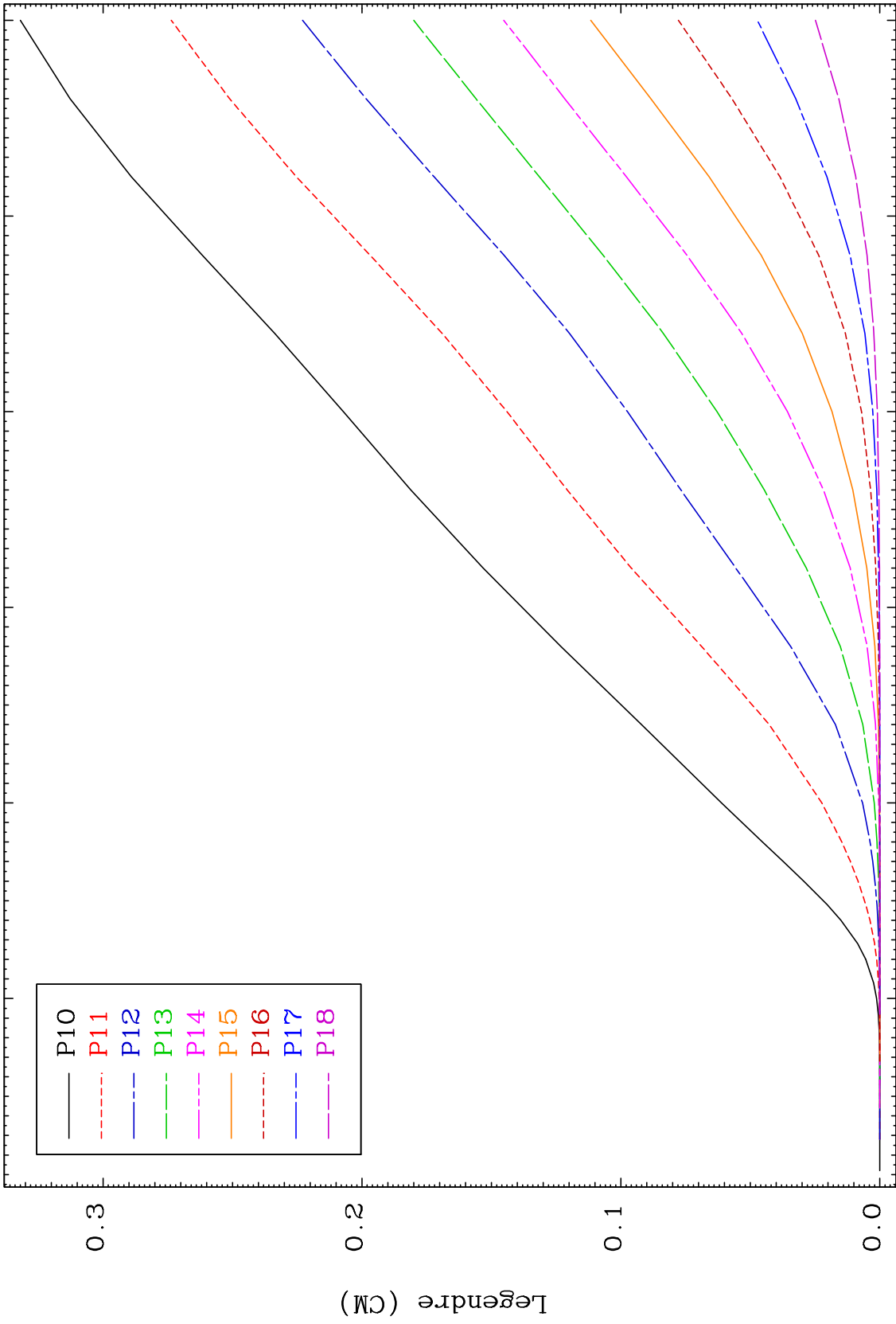
Incident Energy (MeV)

63-Eu-140

MAT 6292

Elastic Legendre Coefficients

63-Eu-140



17

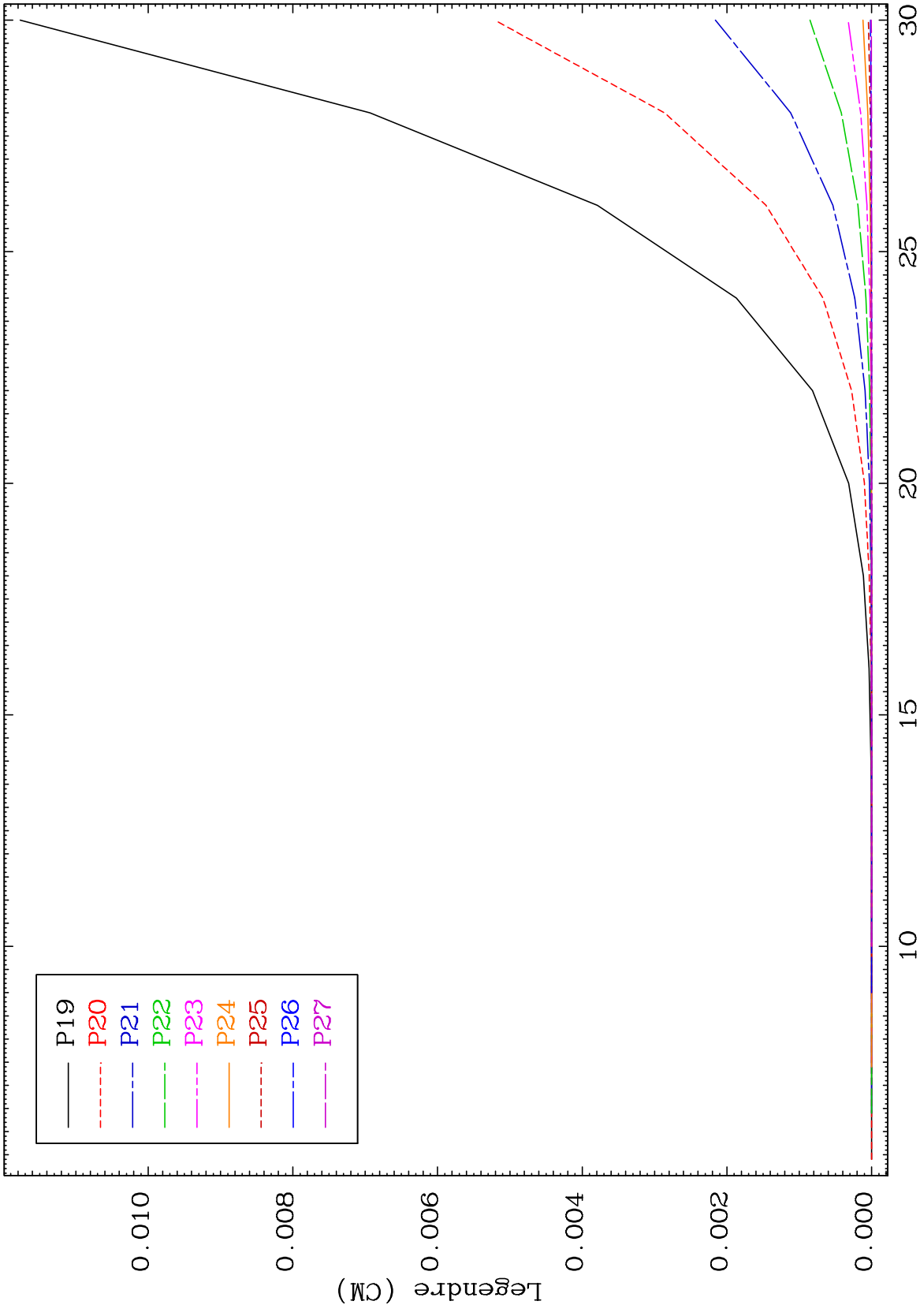
Incident Energy (MeV)

63-Eu-140

MAT 6292

Elastic Legendre Coefficients

63-Eu-140



18

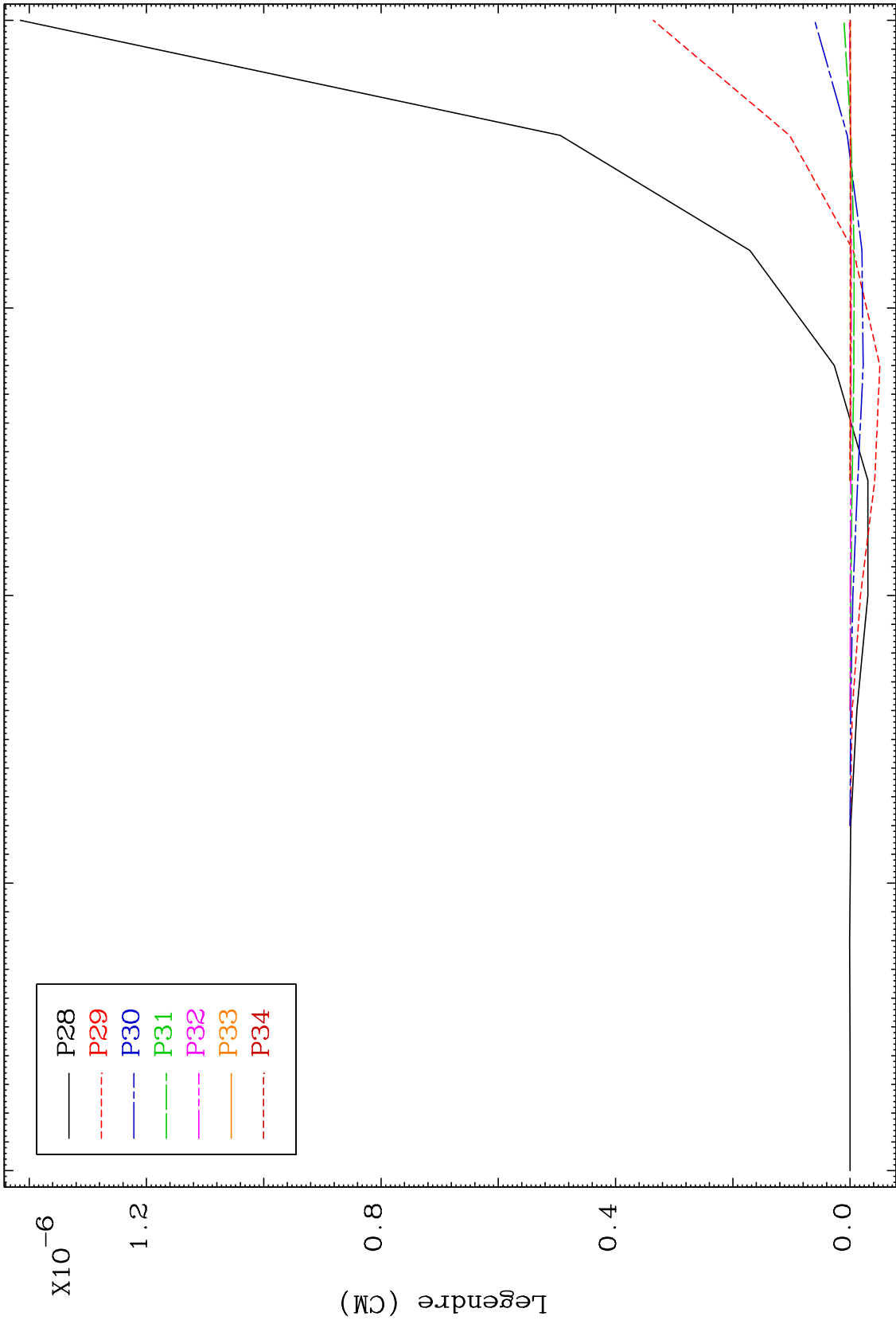
Incident Energy (MeV)

63-Eu-140

MAT 6292

Elastic Legendre Coefficients

63-Eu-140



19

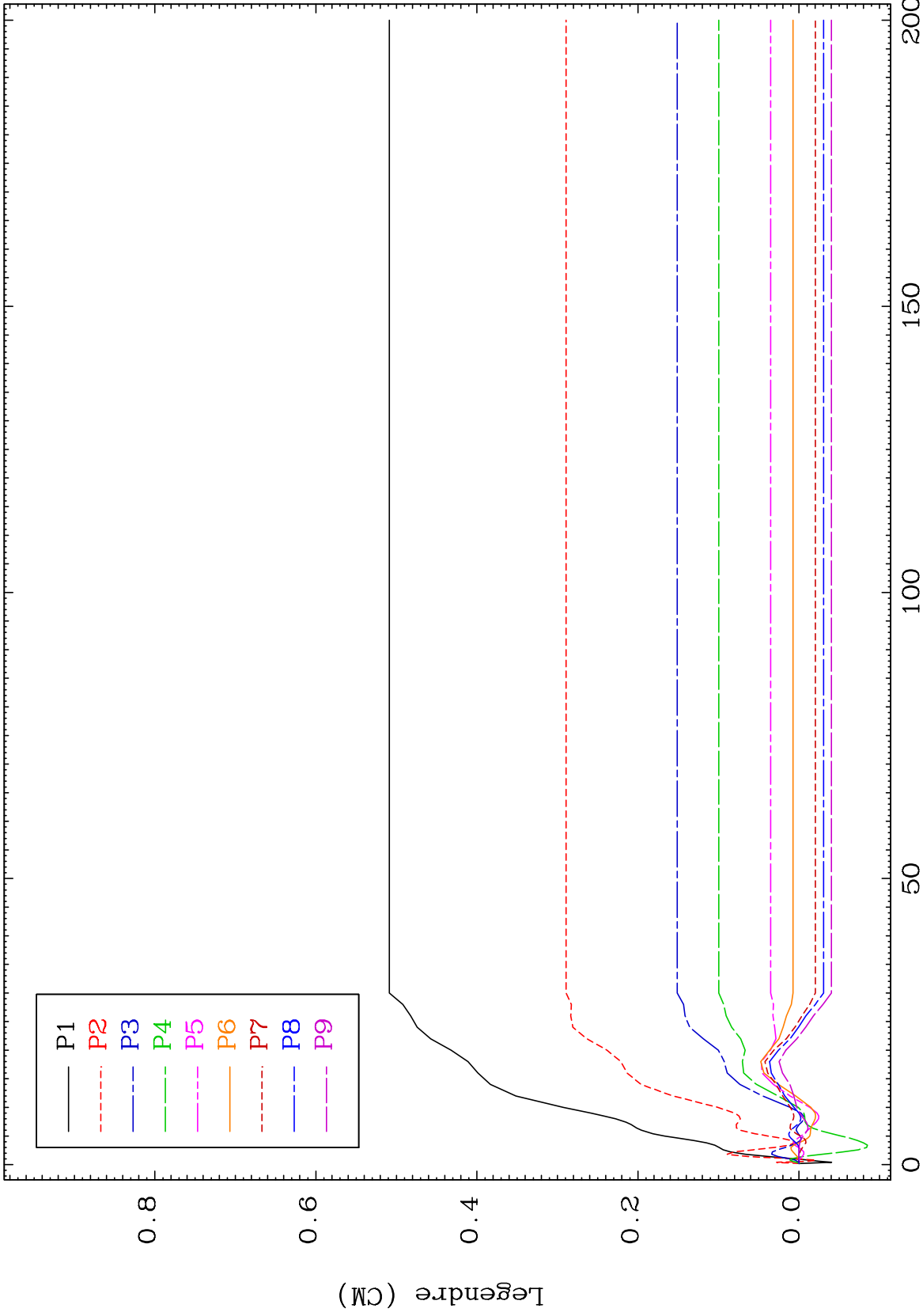
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



63-Eu-140

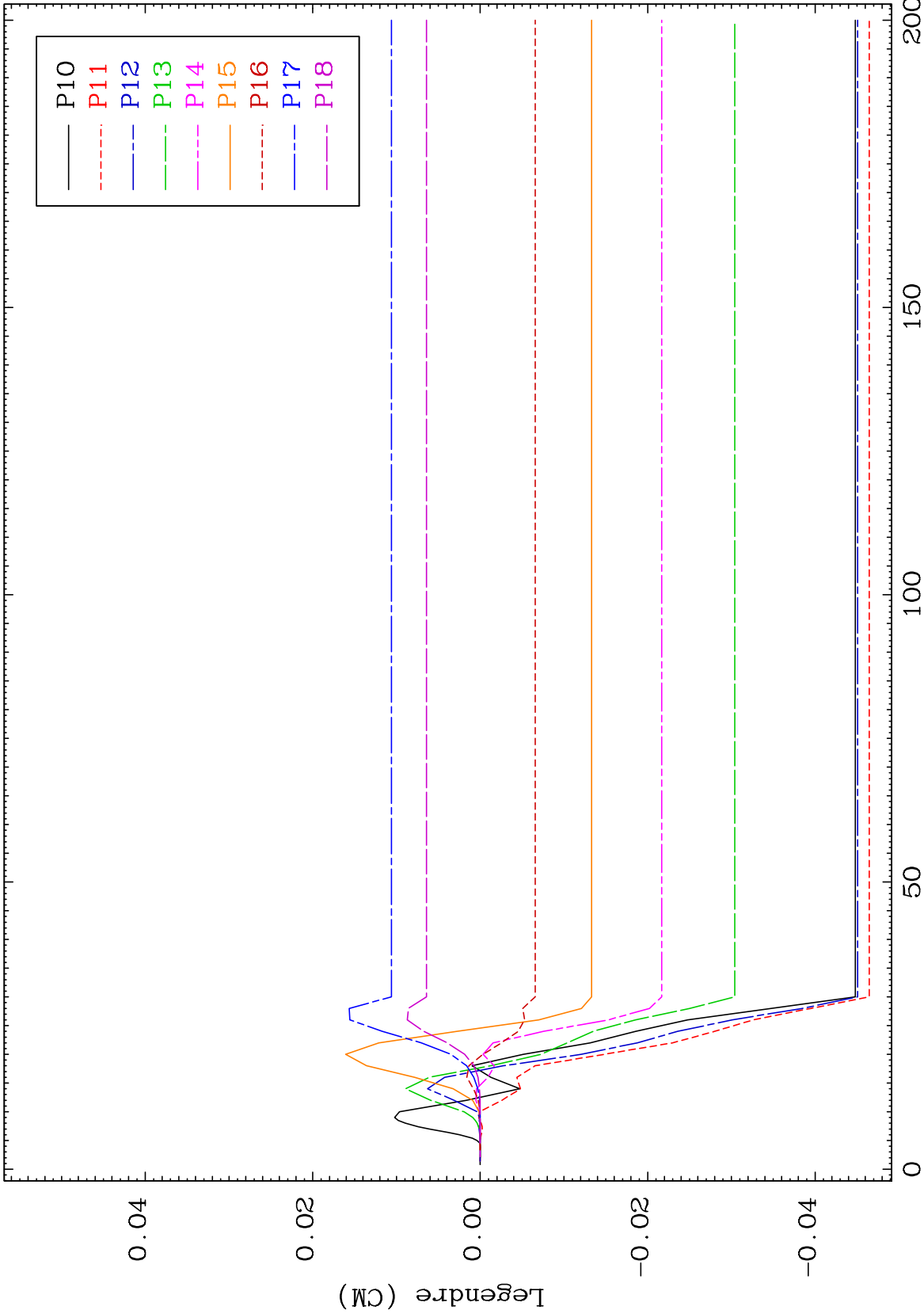
Incident Energy (MeV)

20

MAT 6292

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

63-Eu-140



21

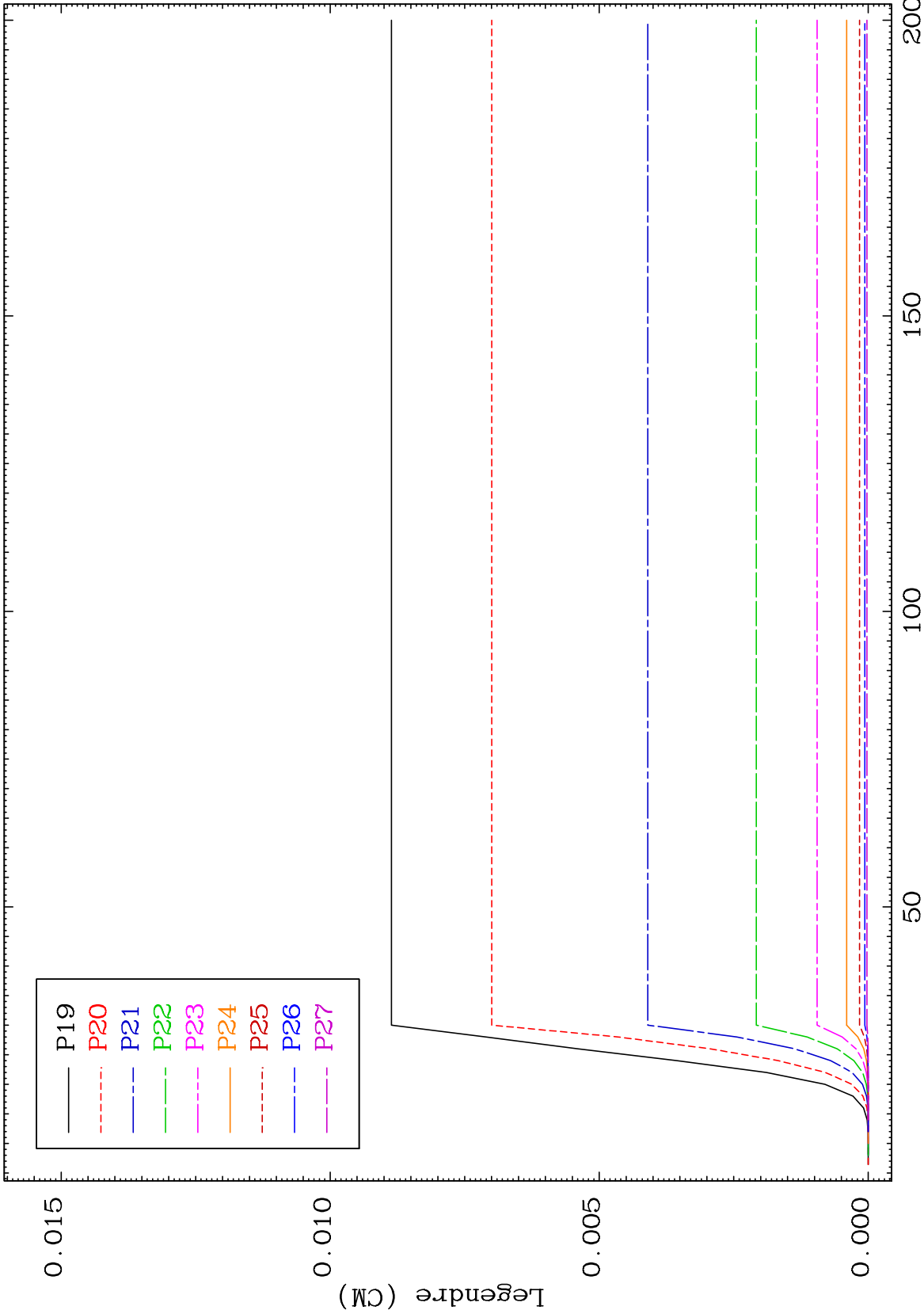
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



22

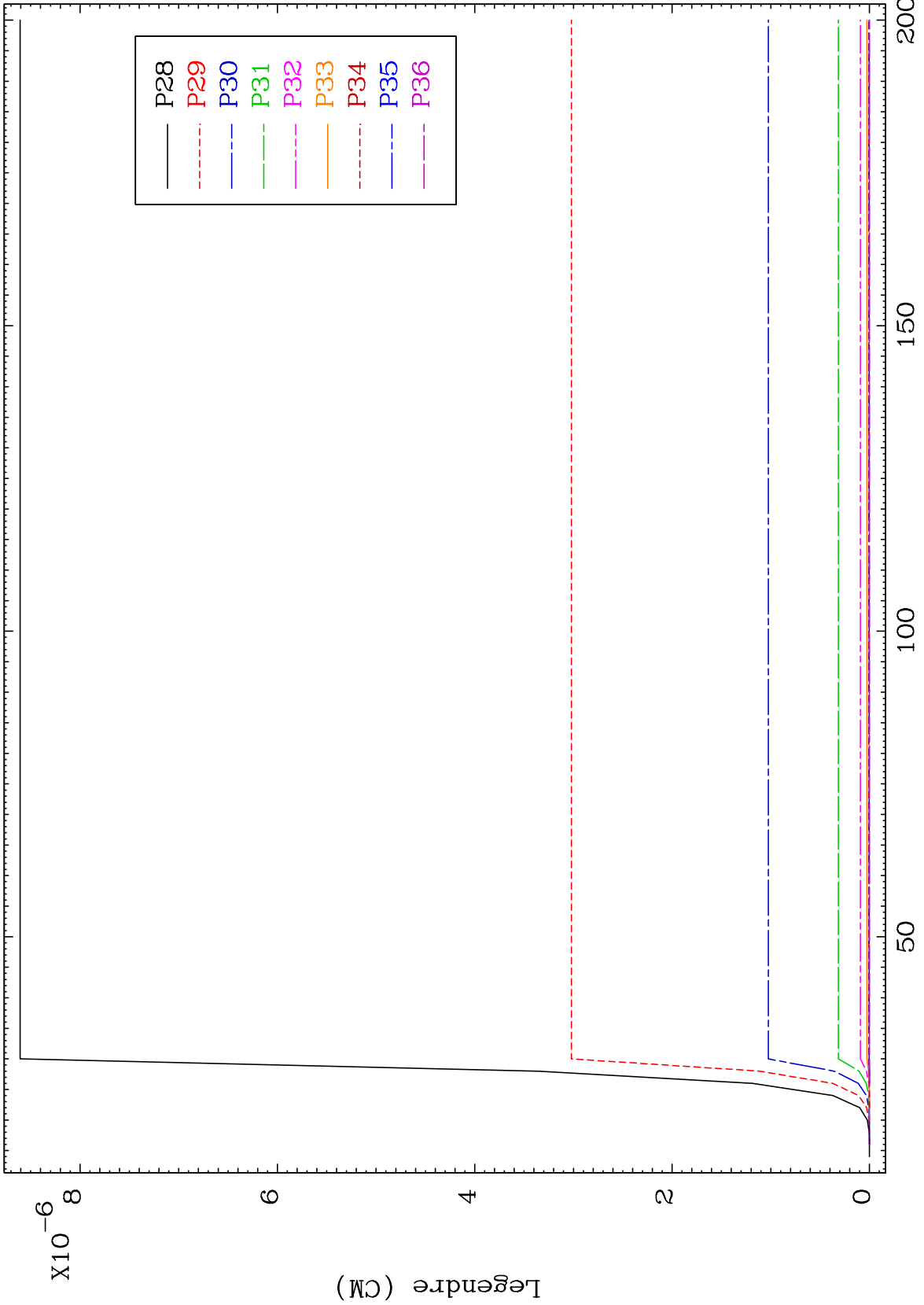
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



23

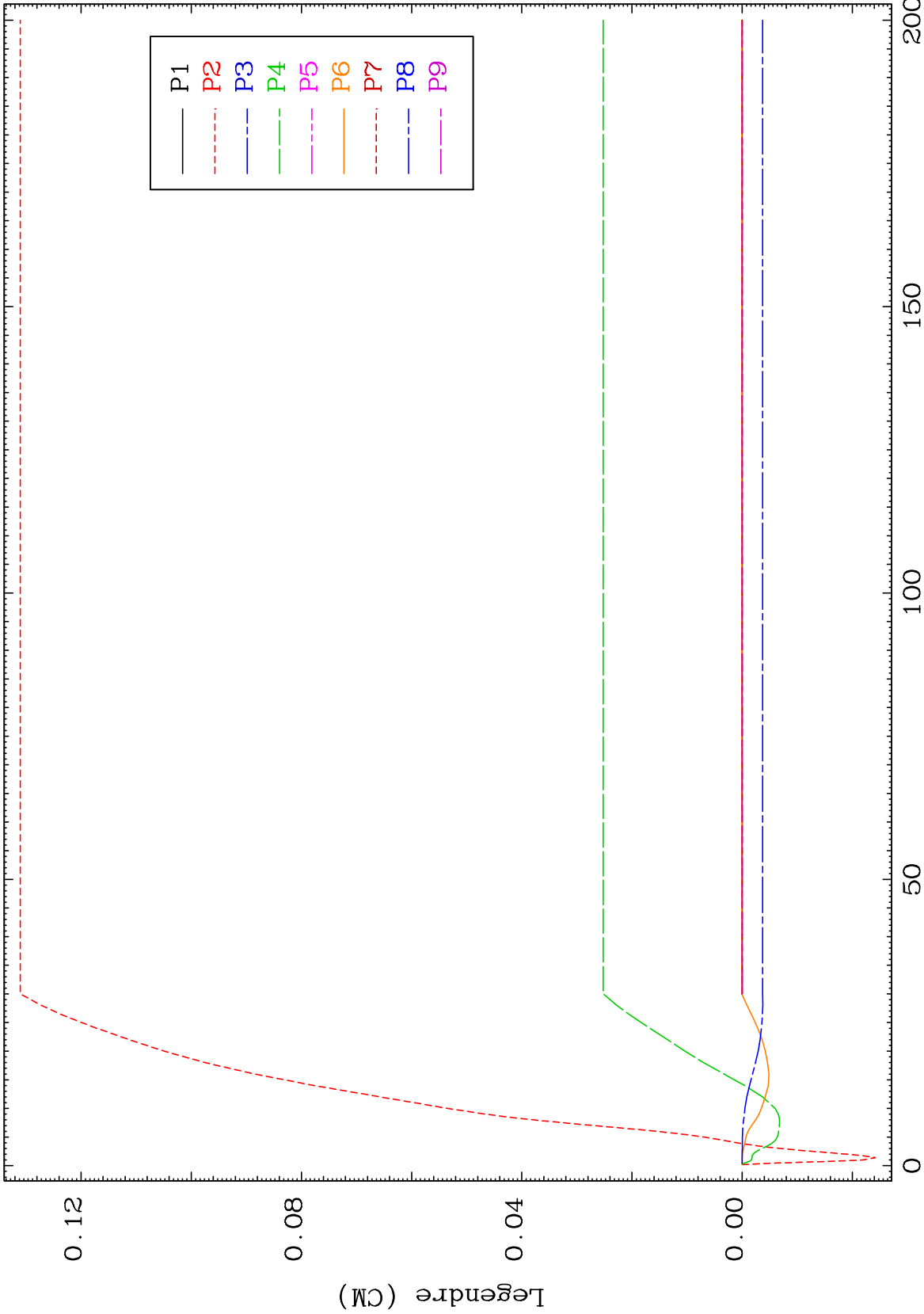
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

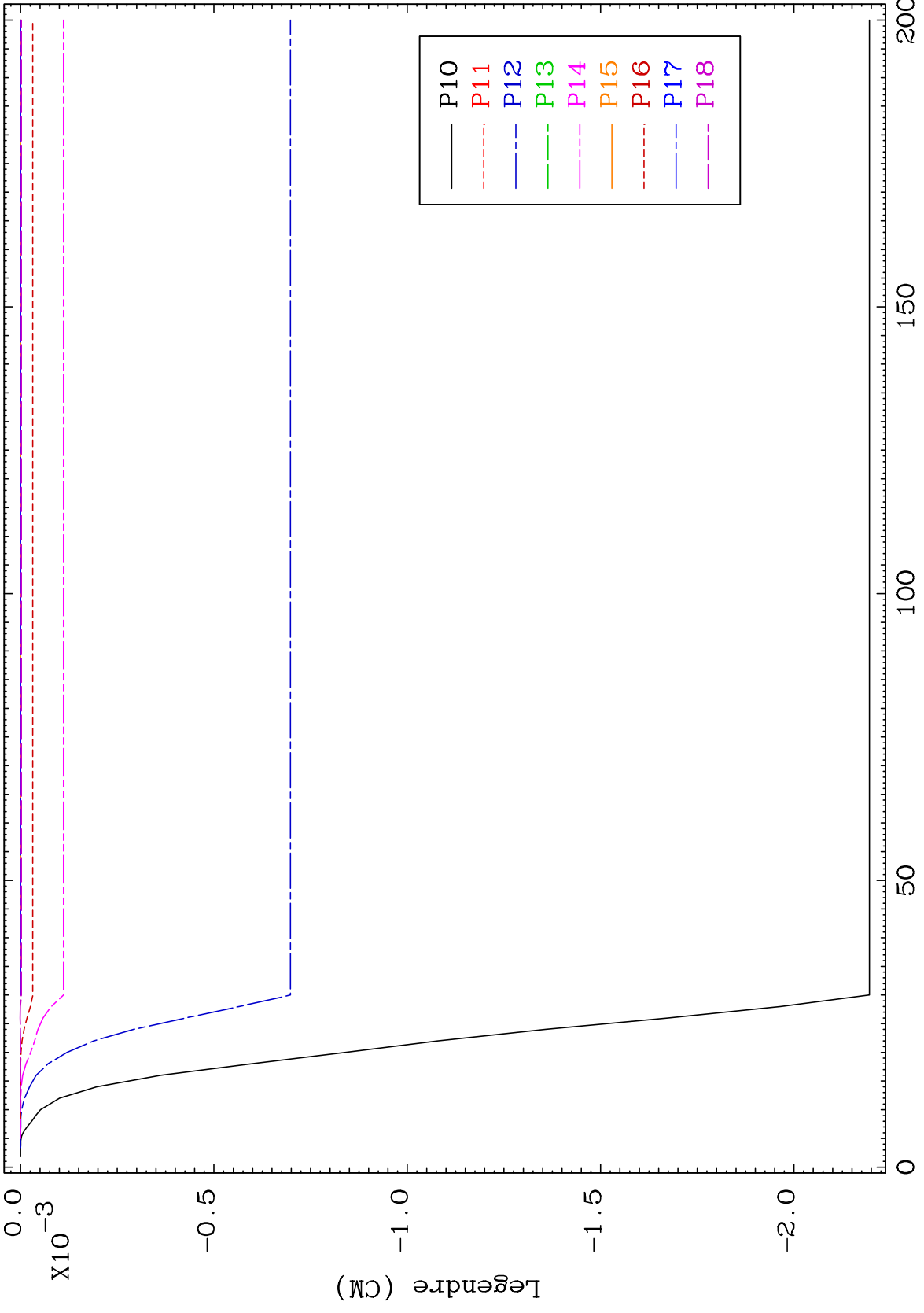


24

Incident Energy (MeV)

63-Eu-140

MAT 6292 MT= 52 (n,n') Level Legendre Coefficients 63-Eu-140

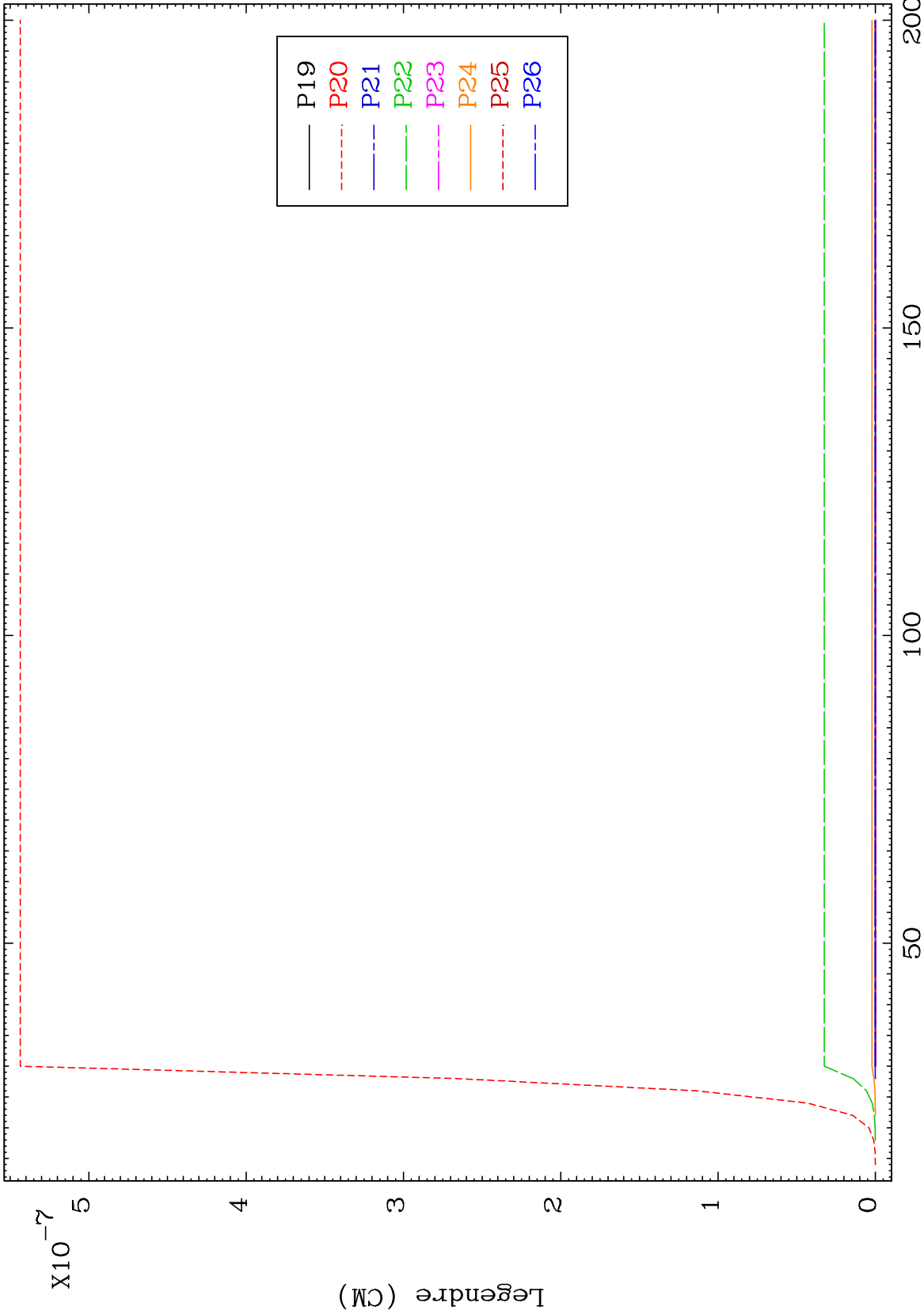


25 Incident Energy (MeV) 63-Eu-140

MAT 6292

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

63-Eu-140



26

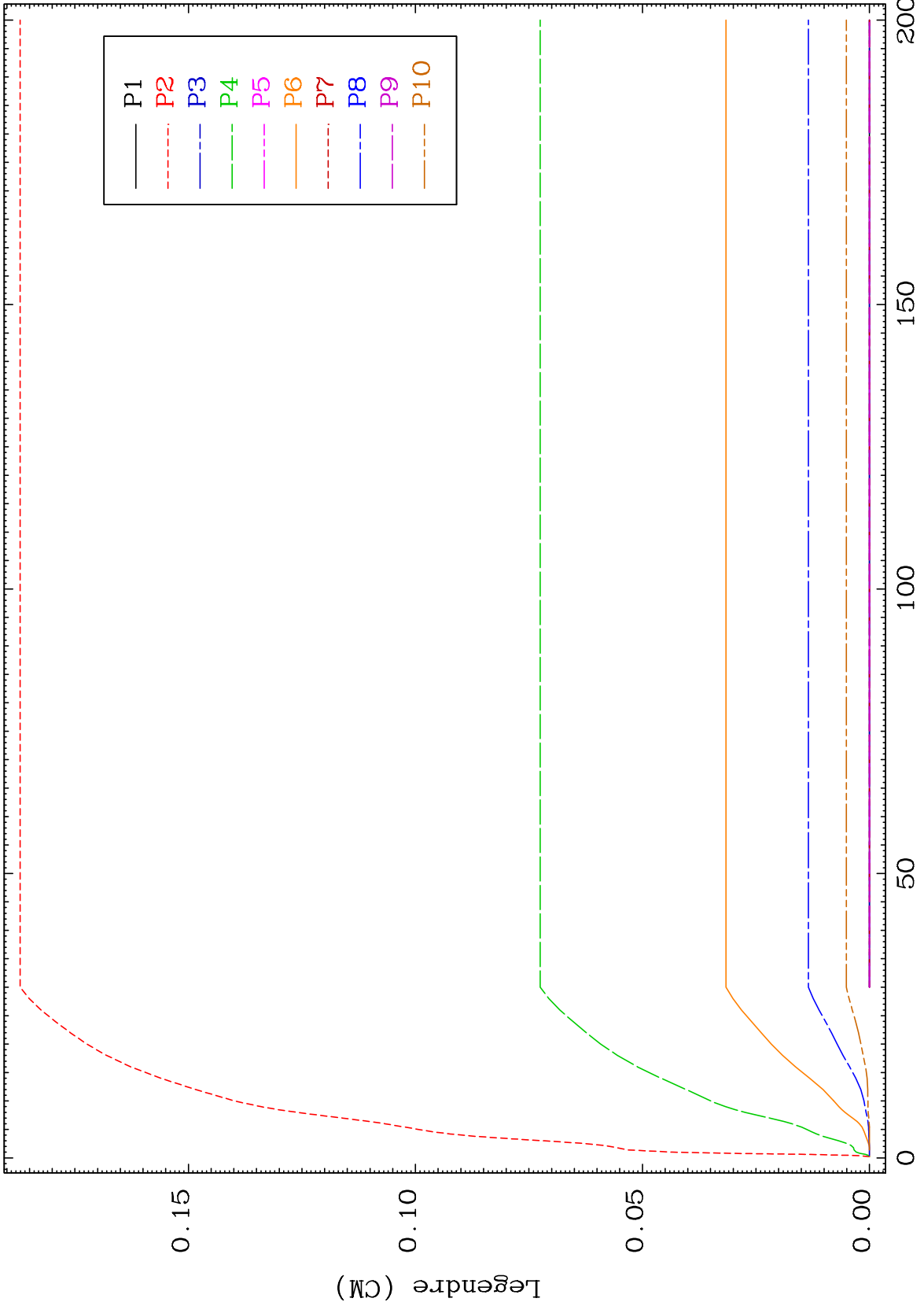
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



27

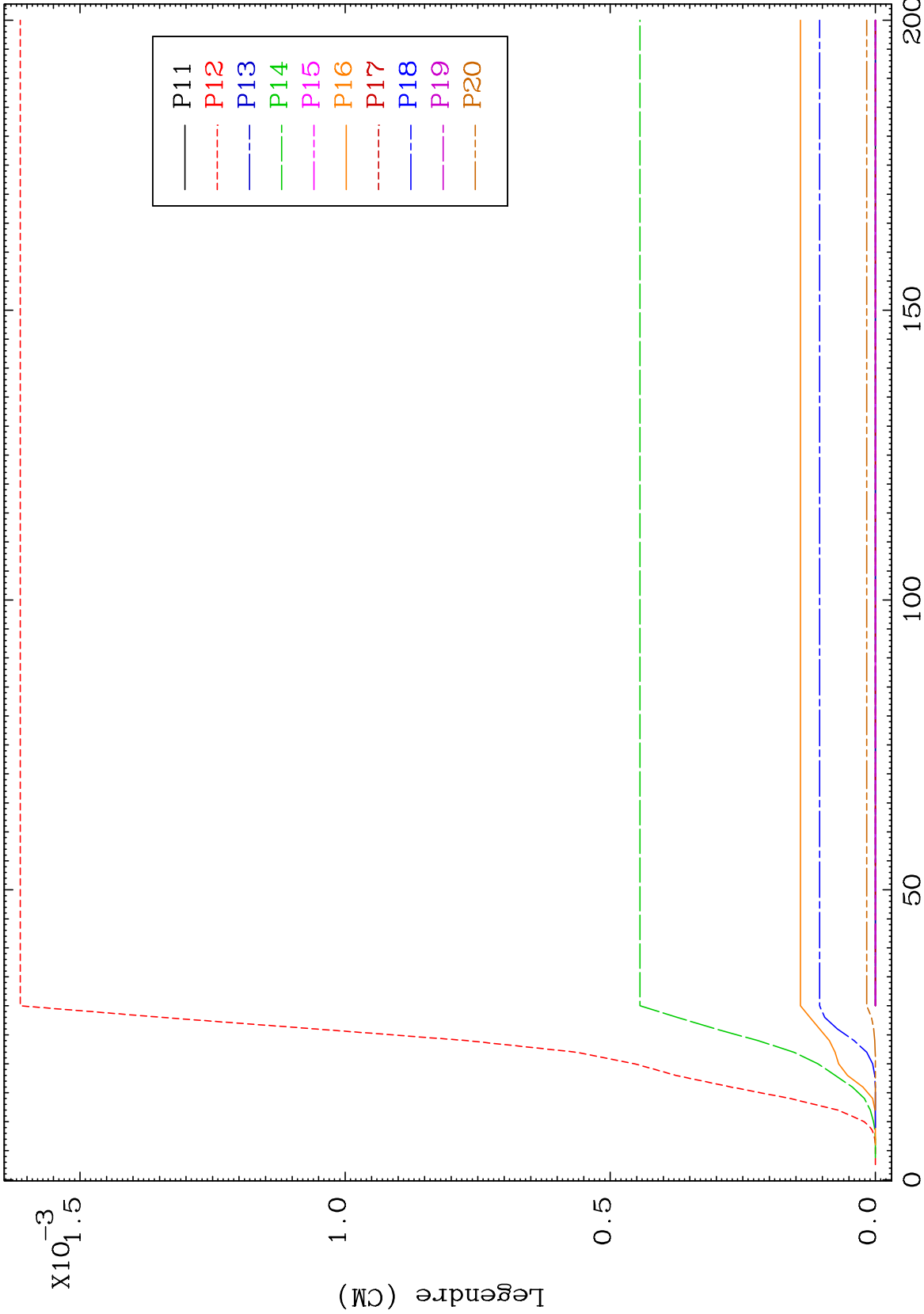
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



28

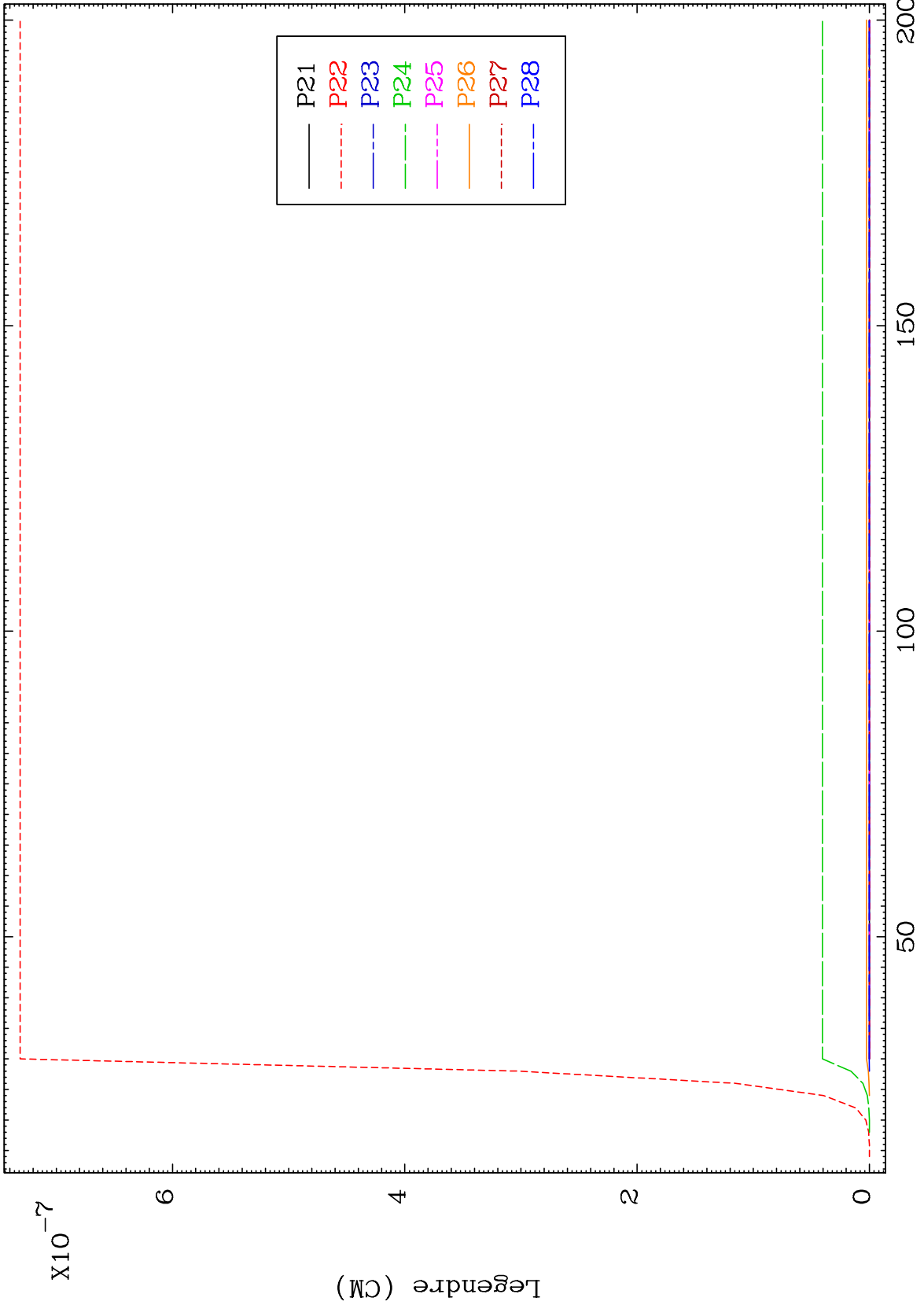
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



29

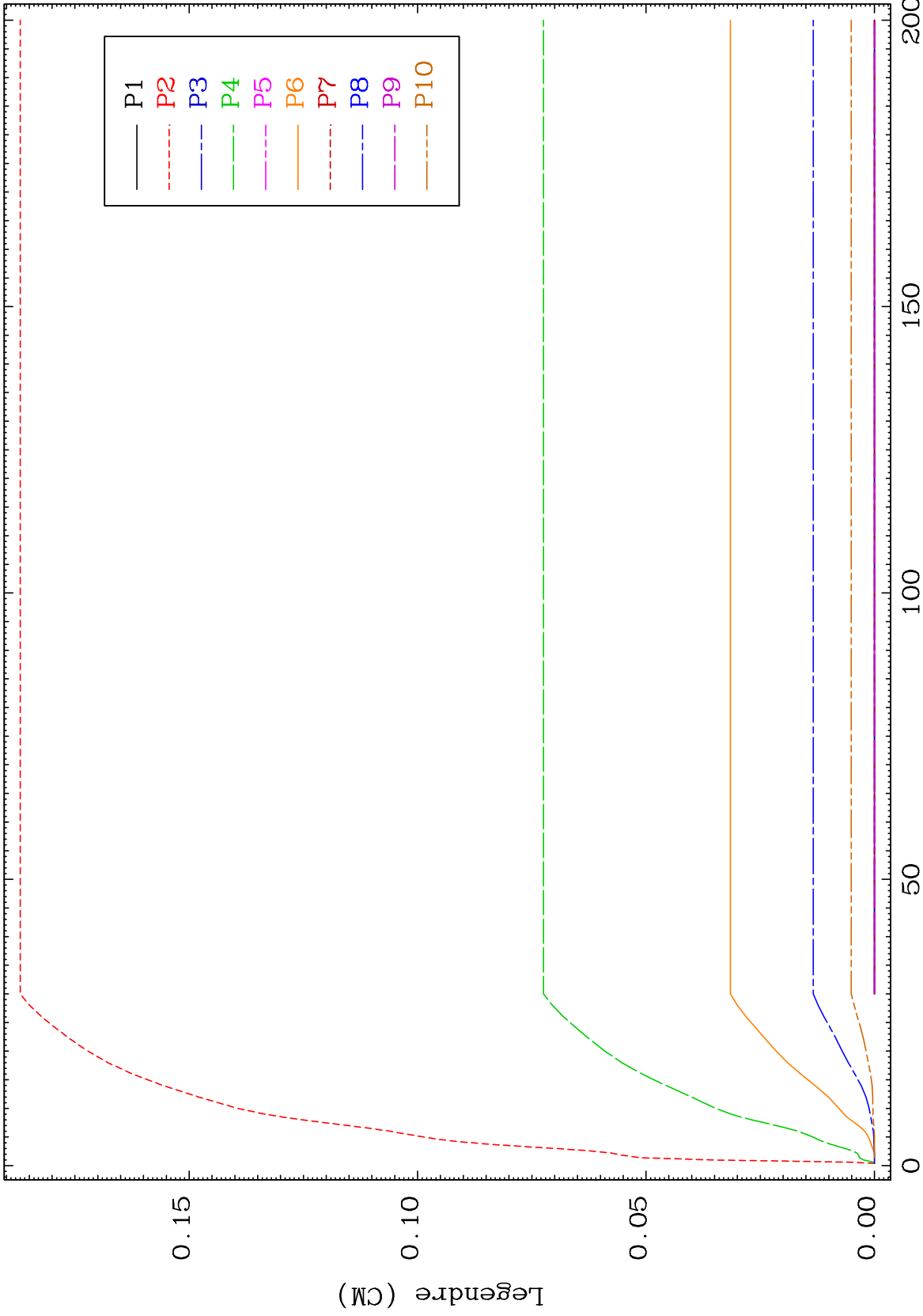
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

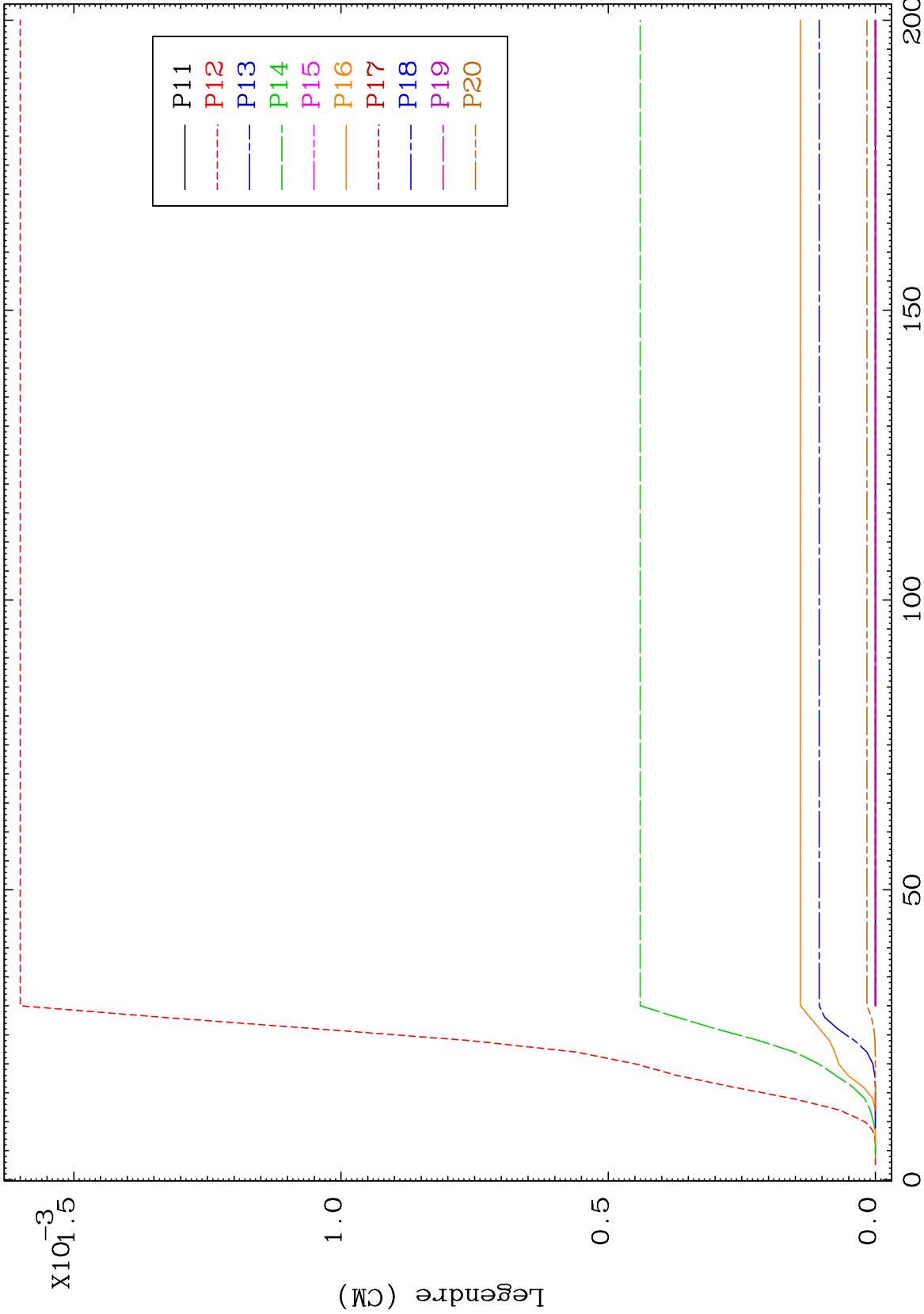


63-Eu-140

MAT 6292

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

63-Eu-140



31

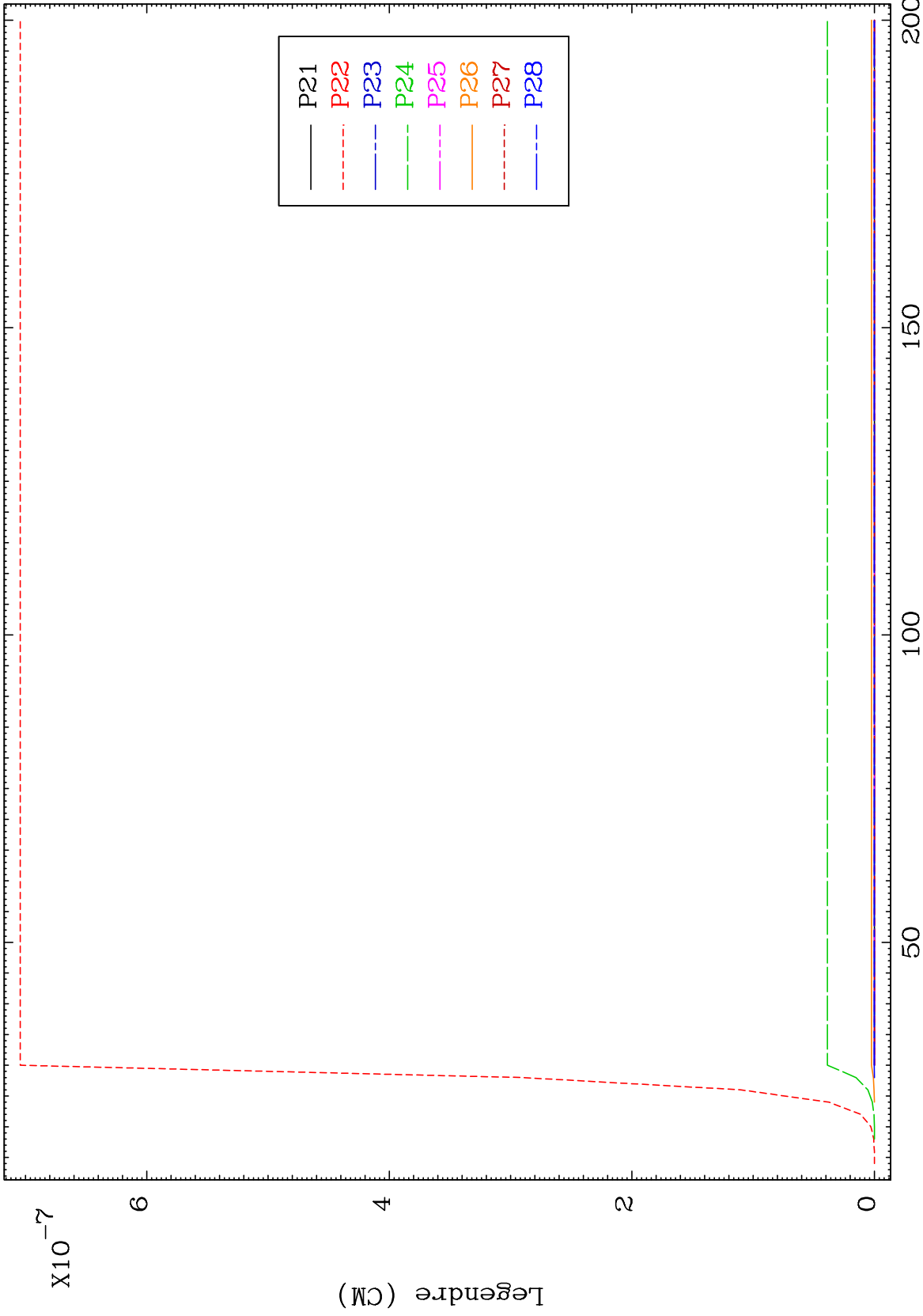
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



32

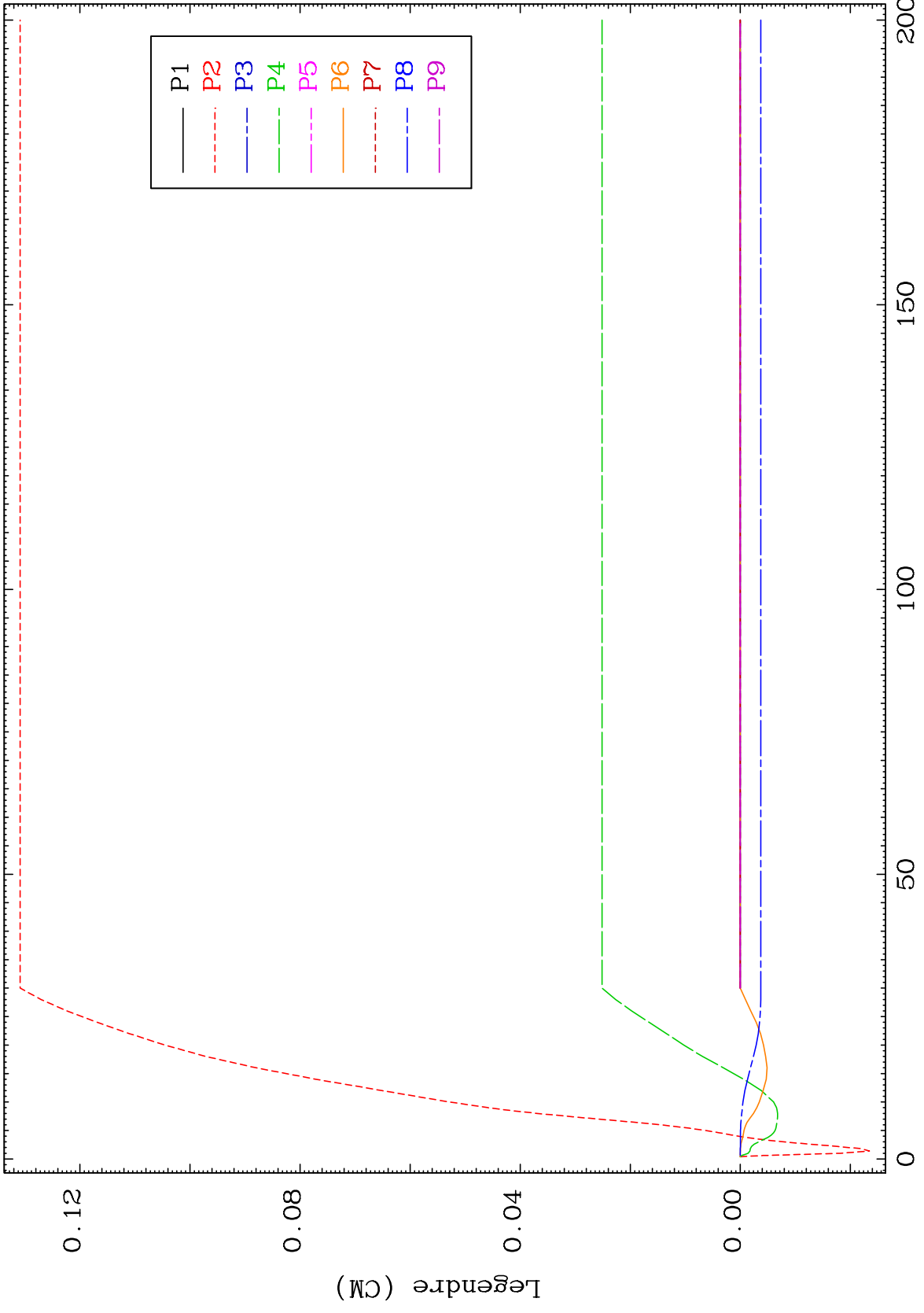
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



33

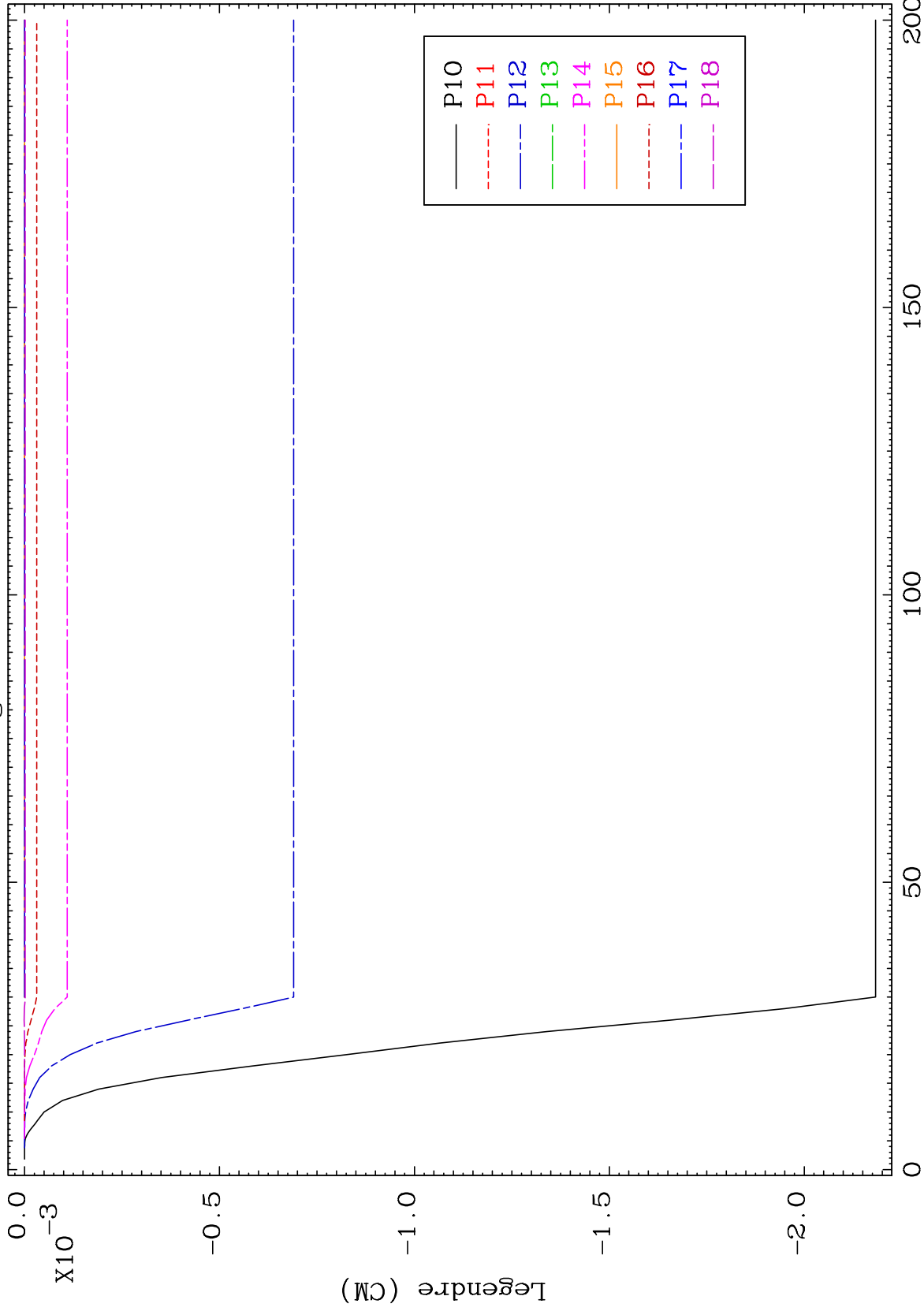
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

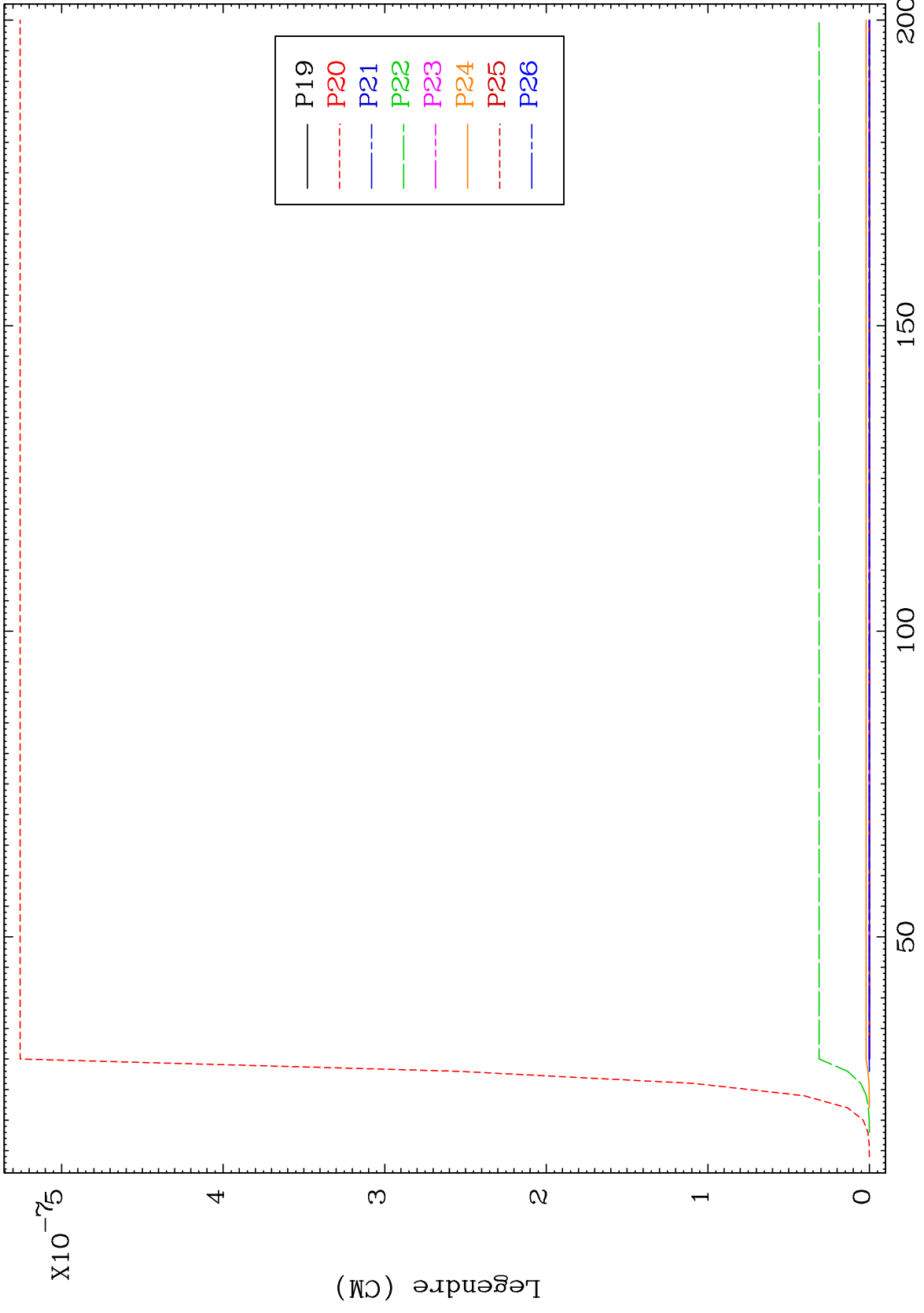


34

Incident Energy (MeV)

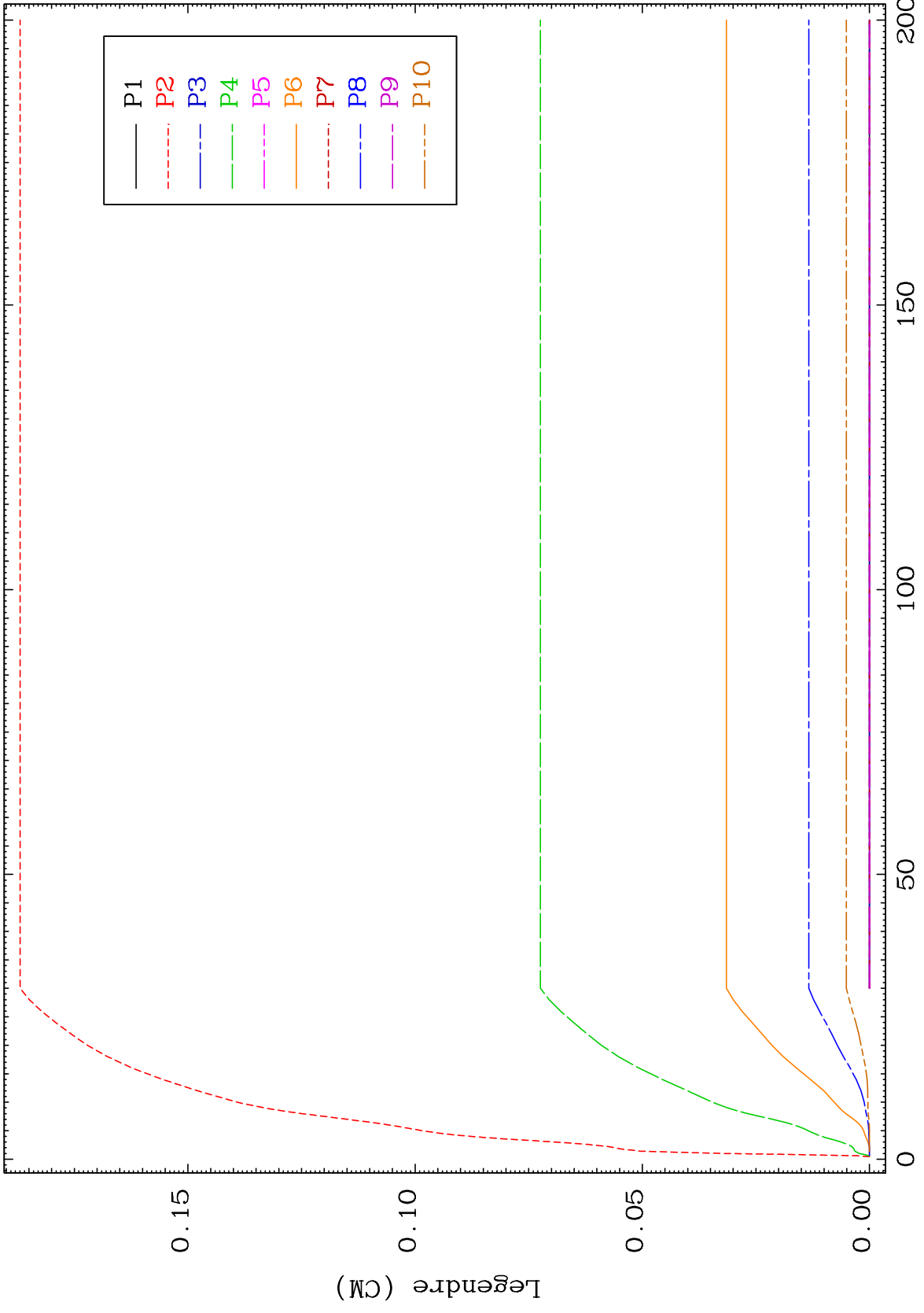
63-Eu-140

MAT 6292 MT= 55 (n,n') Level Legendre Coefficients 63-Eu-140



35 Incident Energy (MeV) 50 100 150 200 63-Eu-140

MAT 6292 MT= 56 (n,n') Level Legendre Coefficients 63-Eu-140

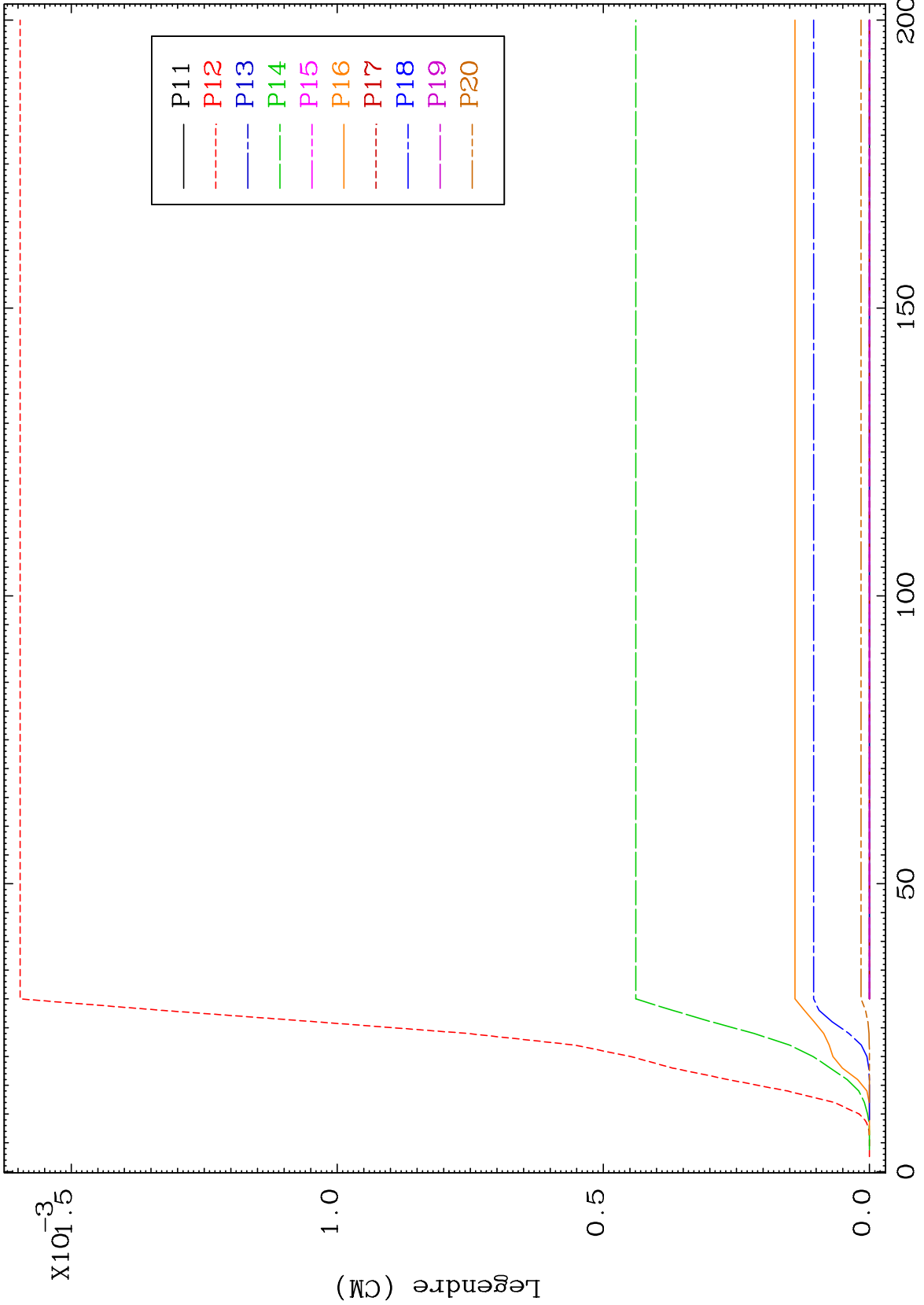


36 63-Eu-140

MAT 6292

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

63-Eu-140



37

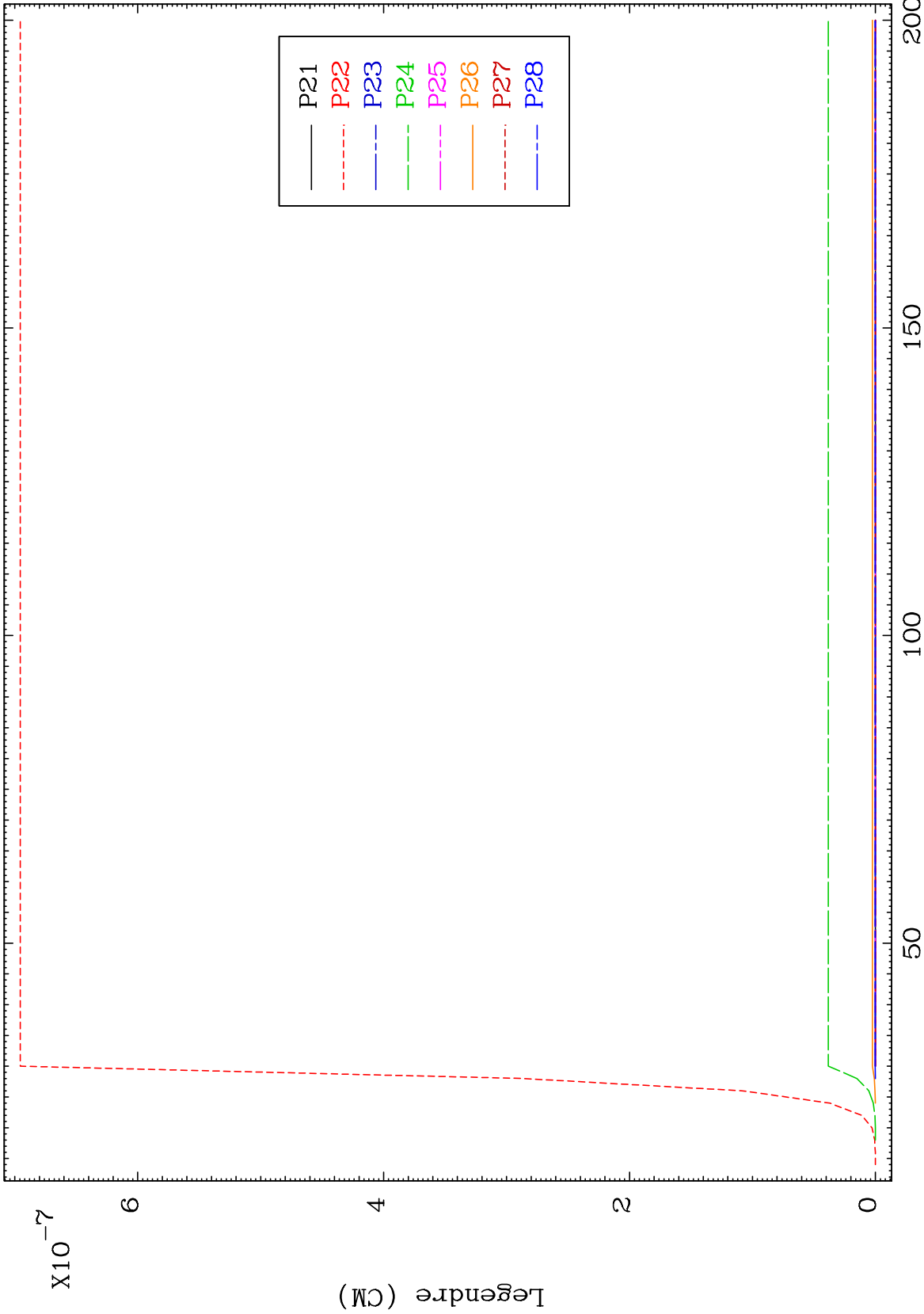
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

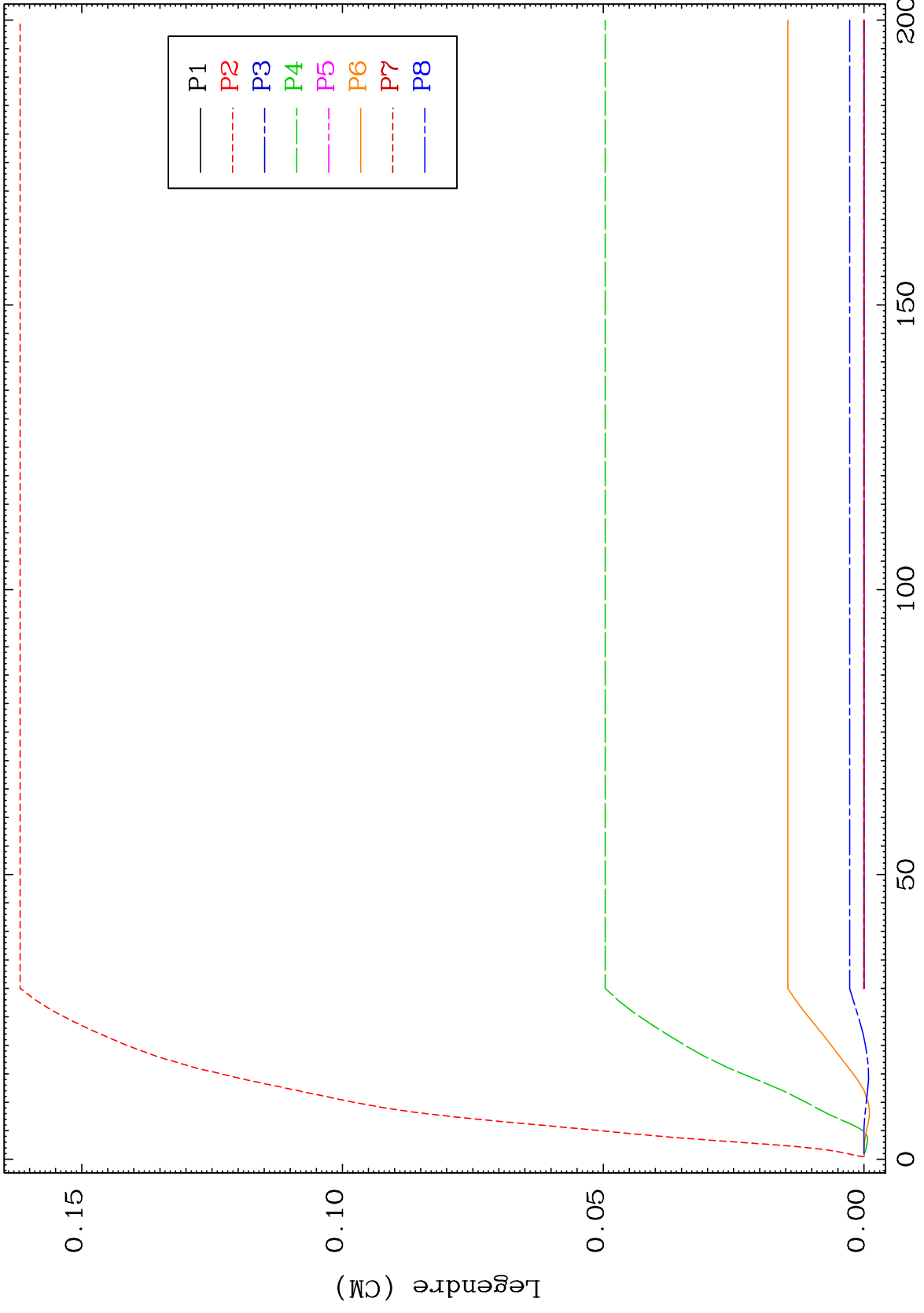


38

Incident Energy (MeV)

63-Eu-140

MAT 6292 MT= 57 (n,n') Level Legendre Coefficients 63-Eu-140

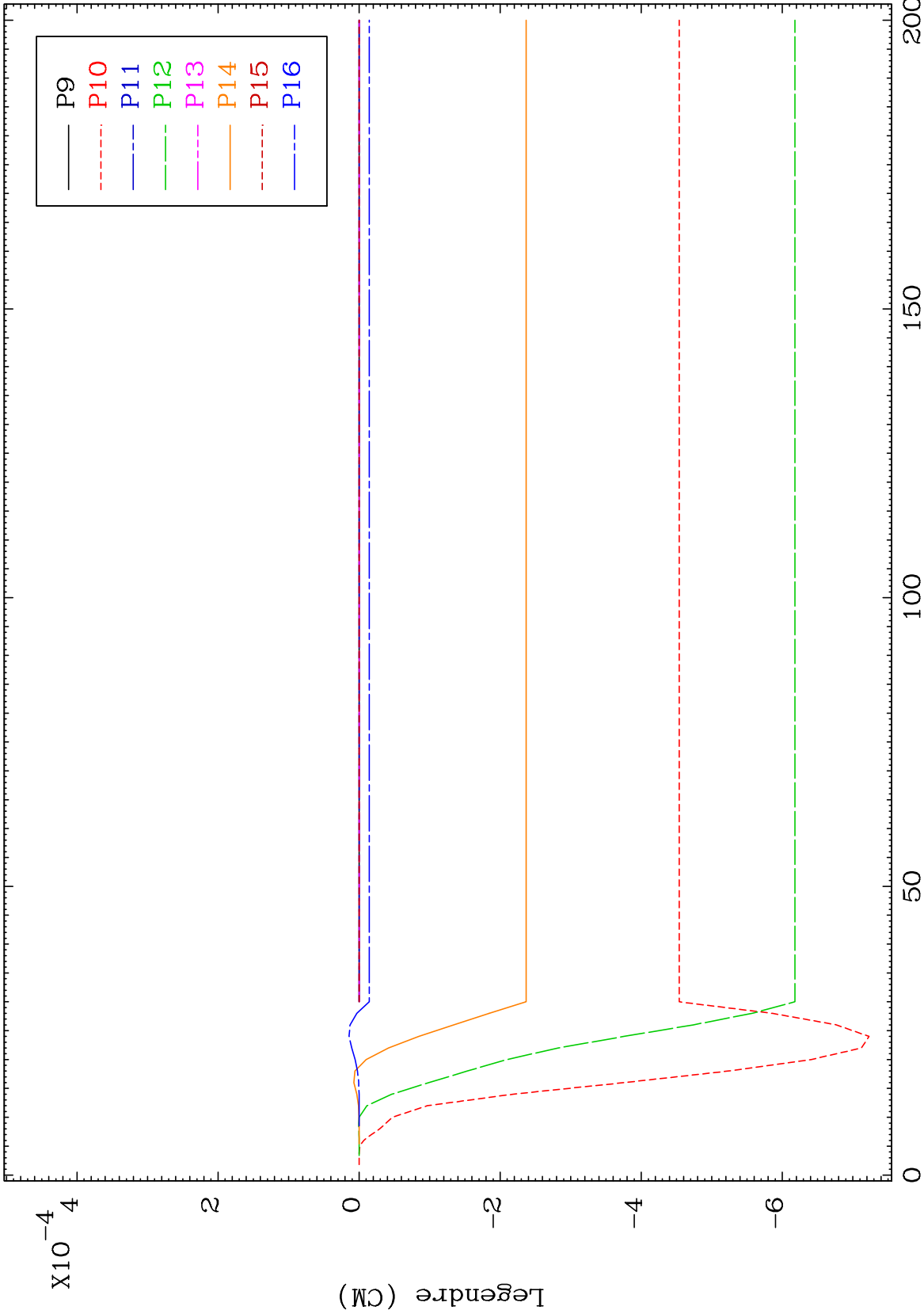


39 63-Eu-140

MAT 6292

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

63-Eu-140



40

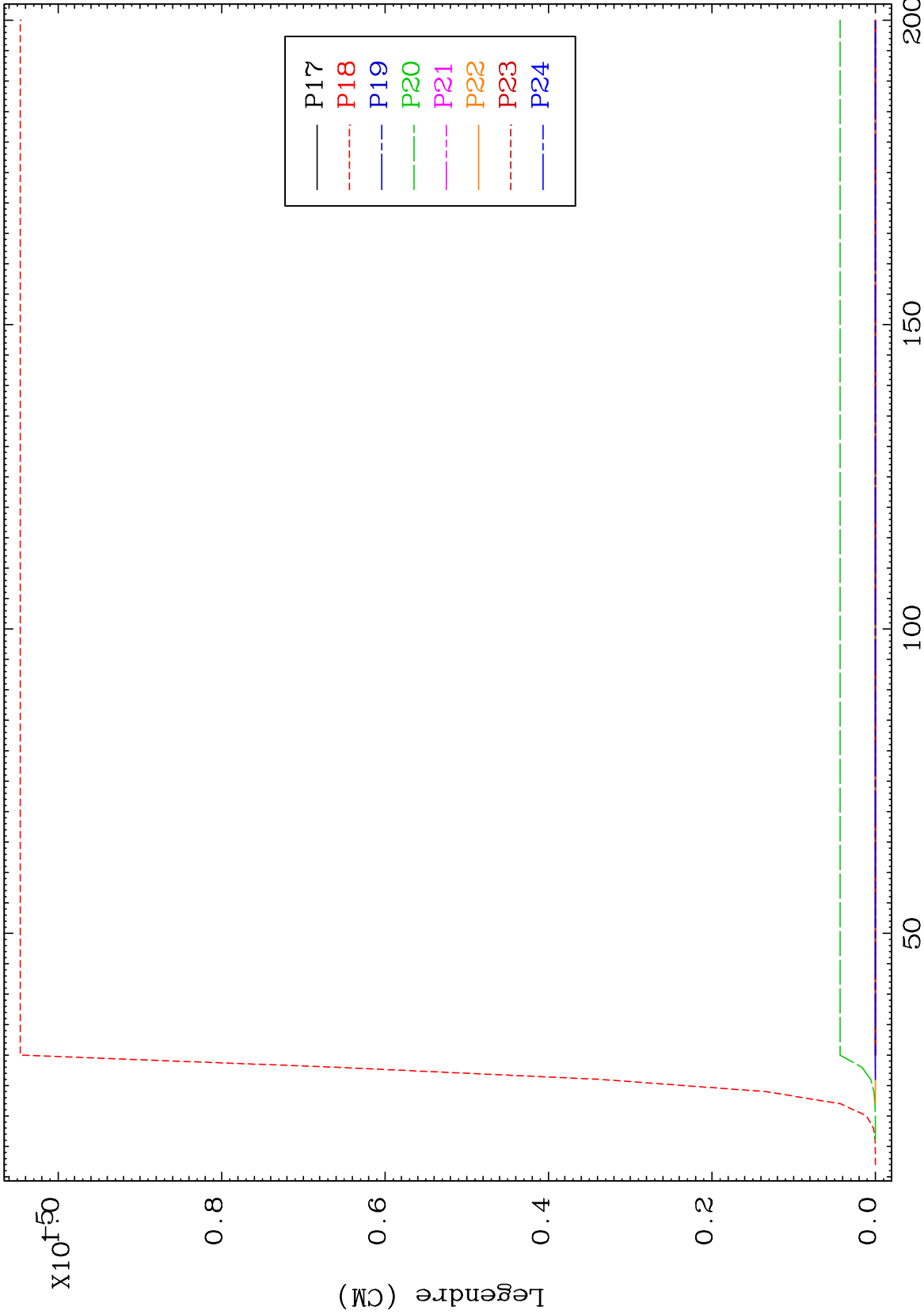
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



41

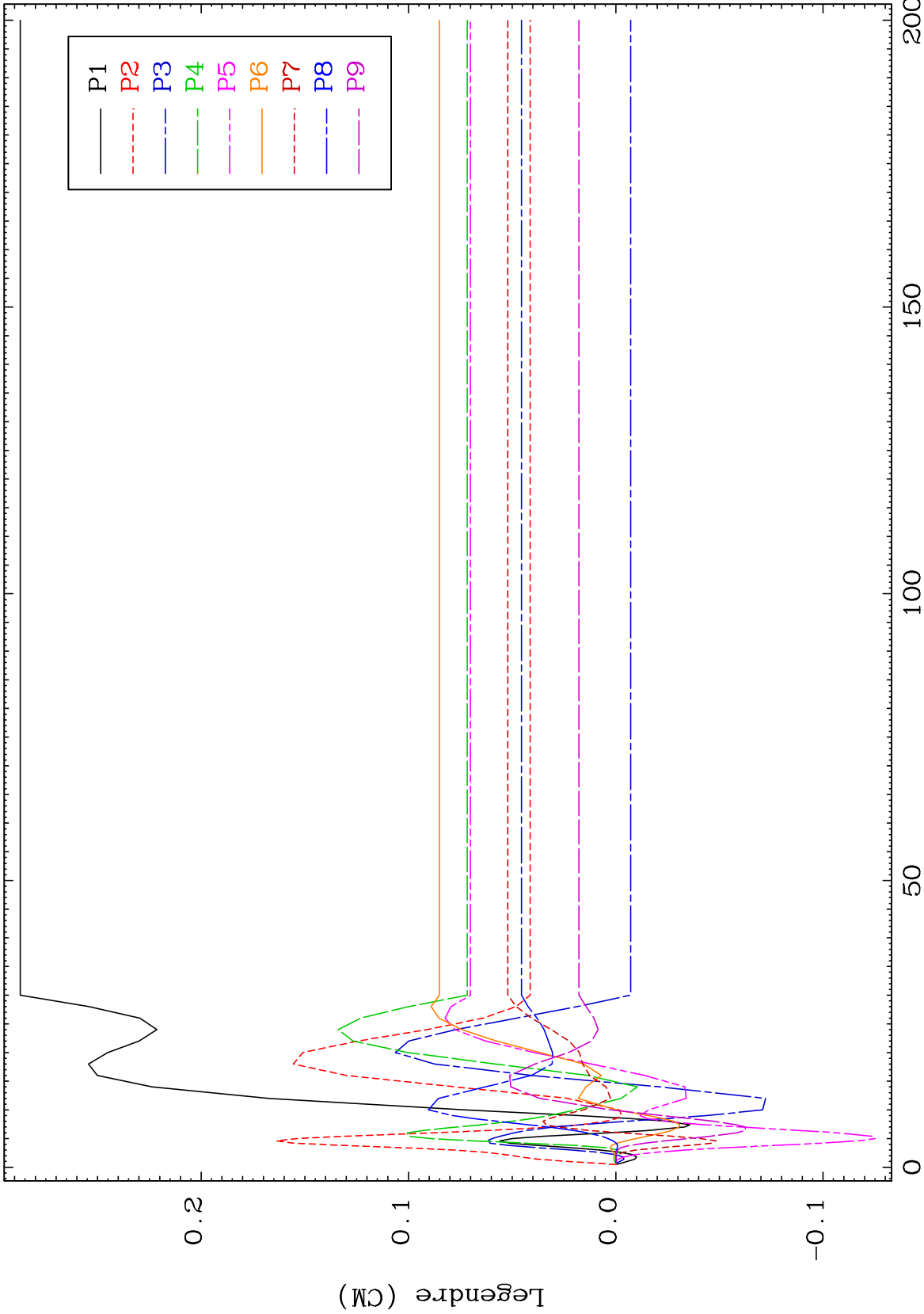
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



42

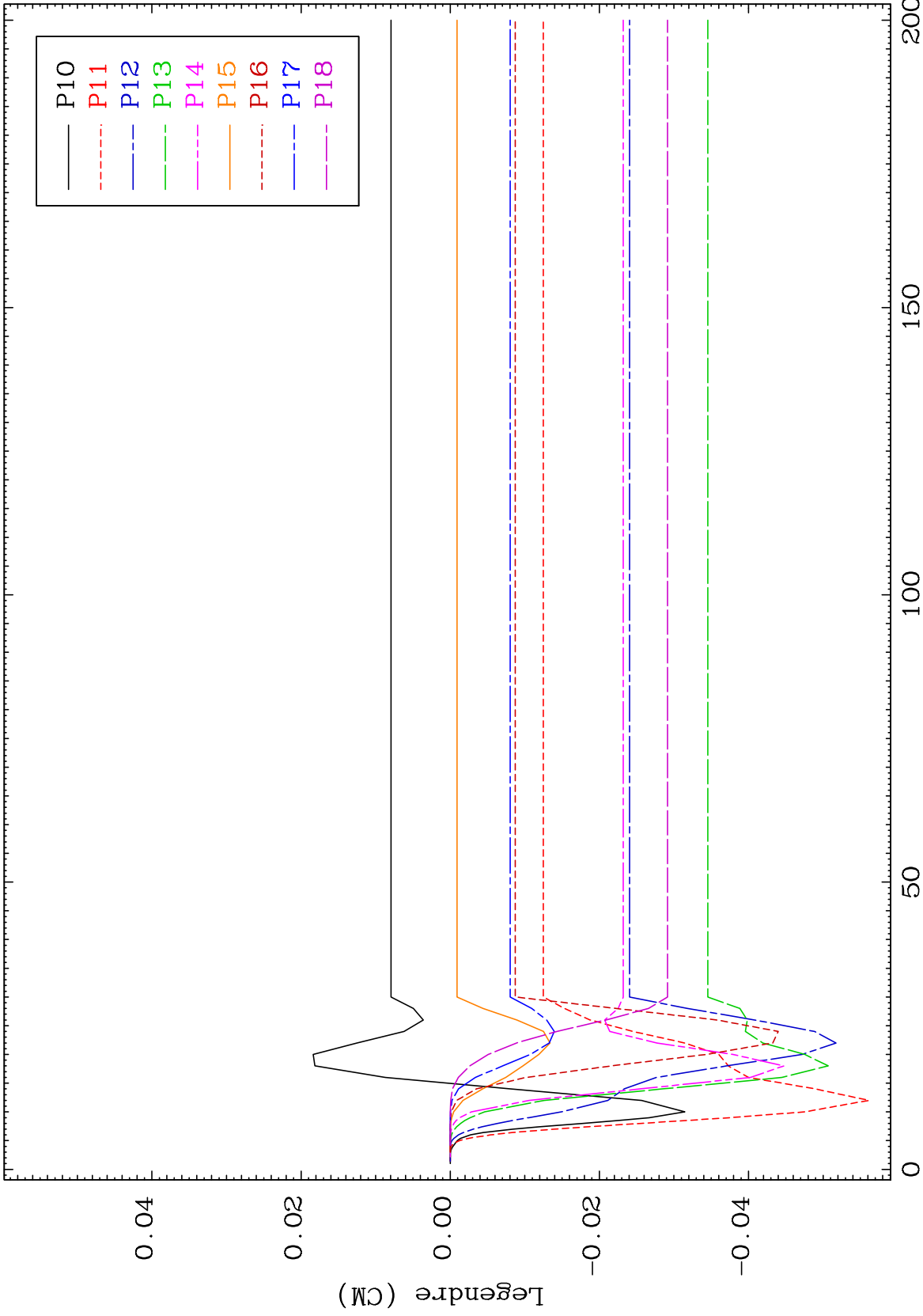
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

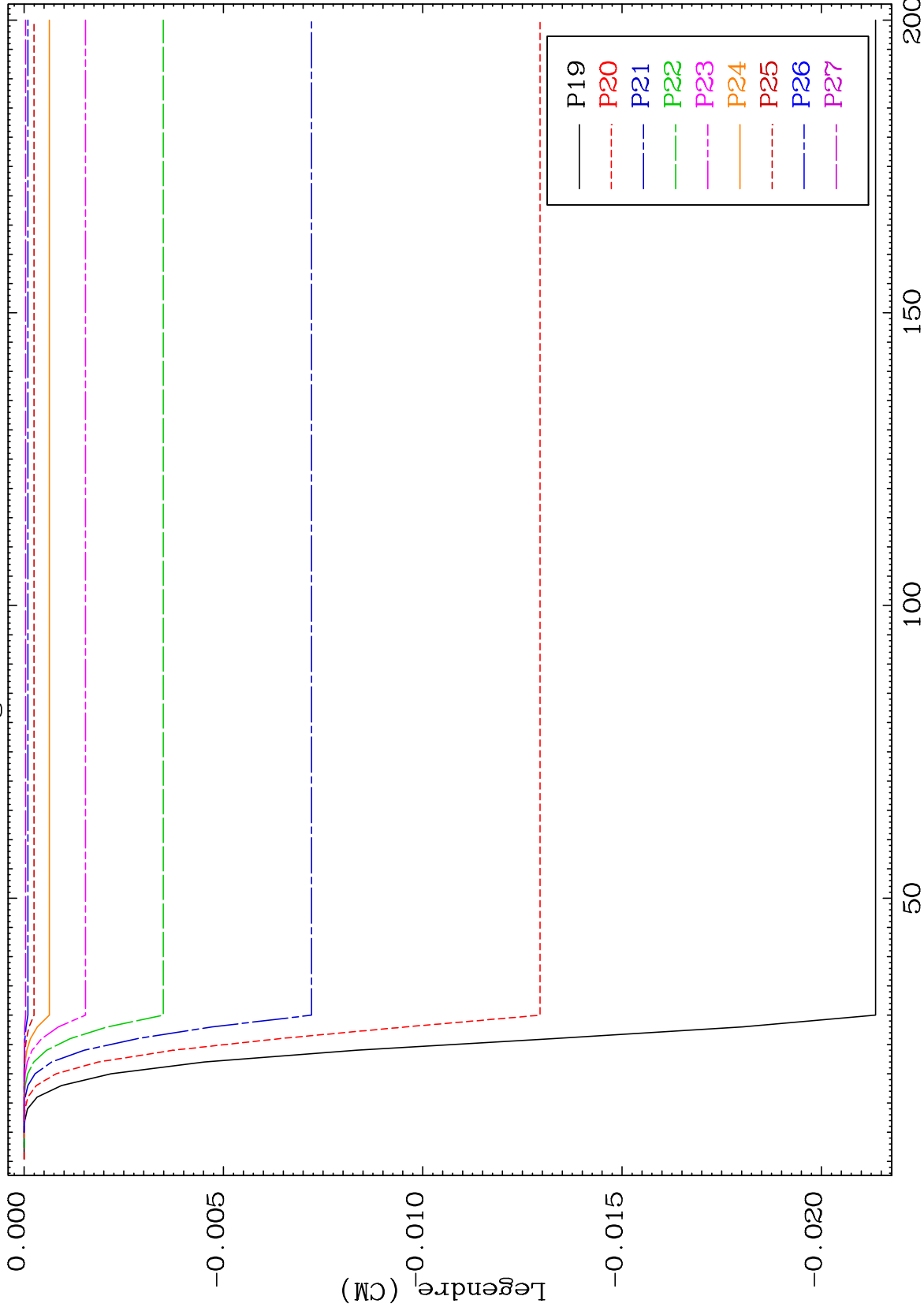


43

Incident Energy (MeV)

63-Eu-140

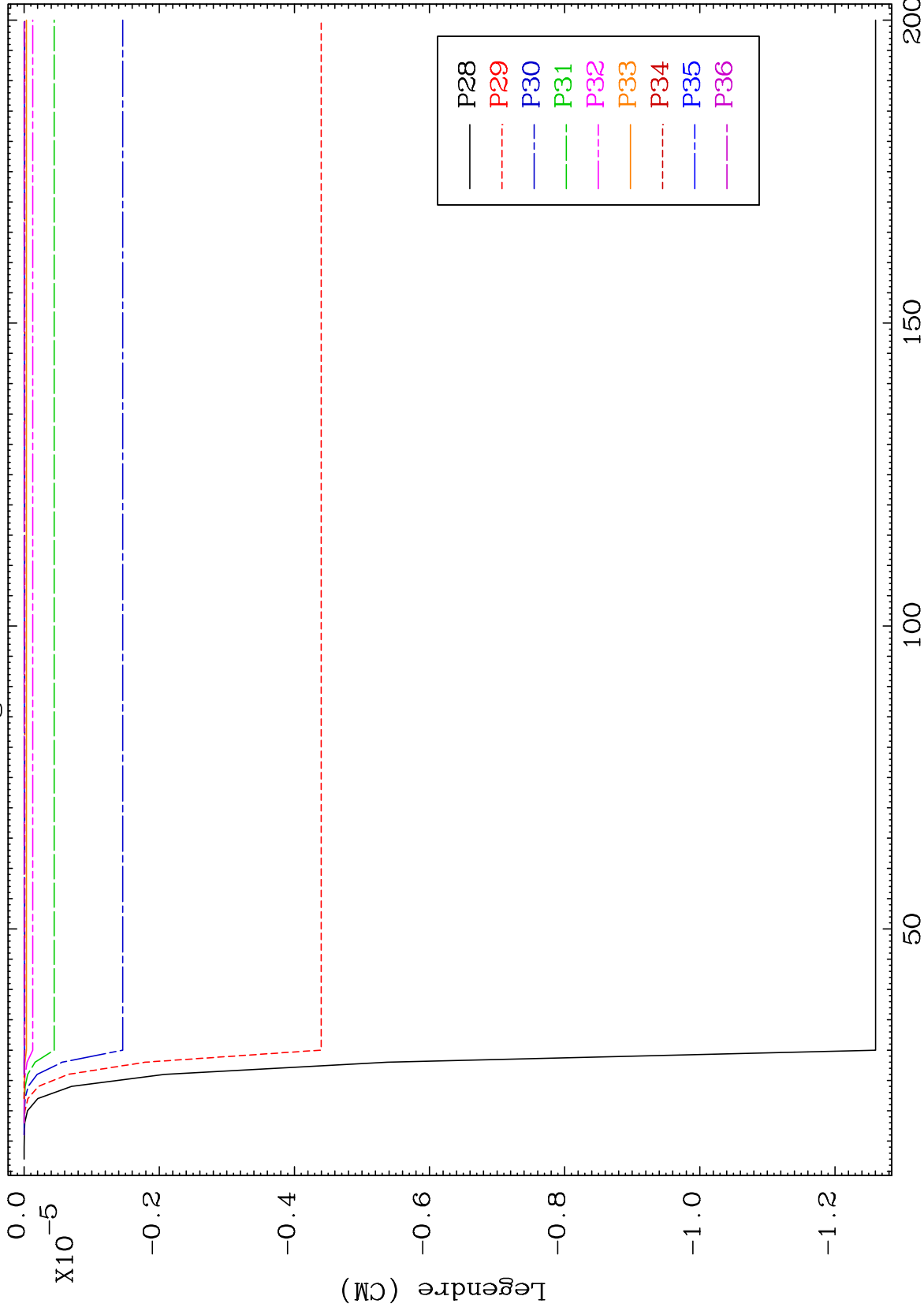
MAT 6292 MT= 58 (n,n') Level Legendre Coefficients 63-Eu-140



MAT 6292

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

63-Eu-140



45

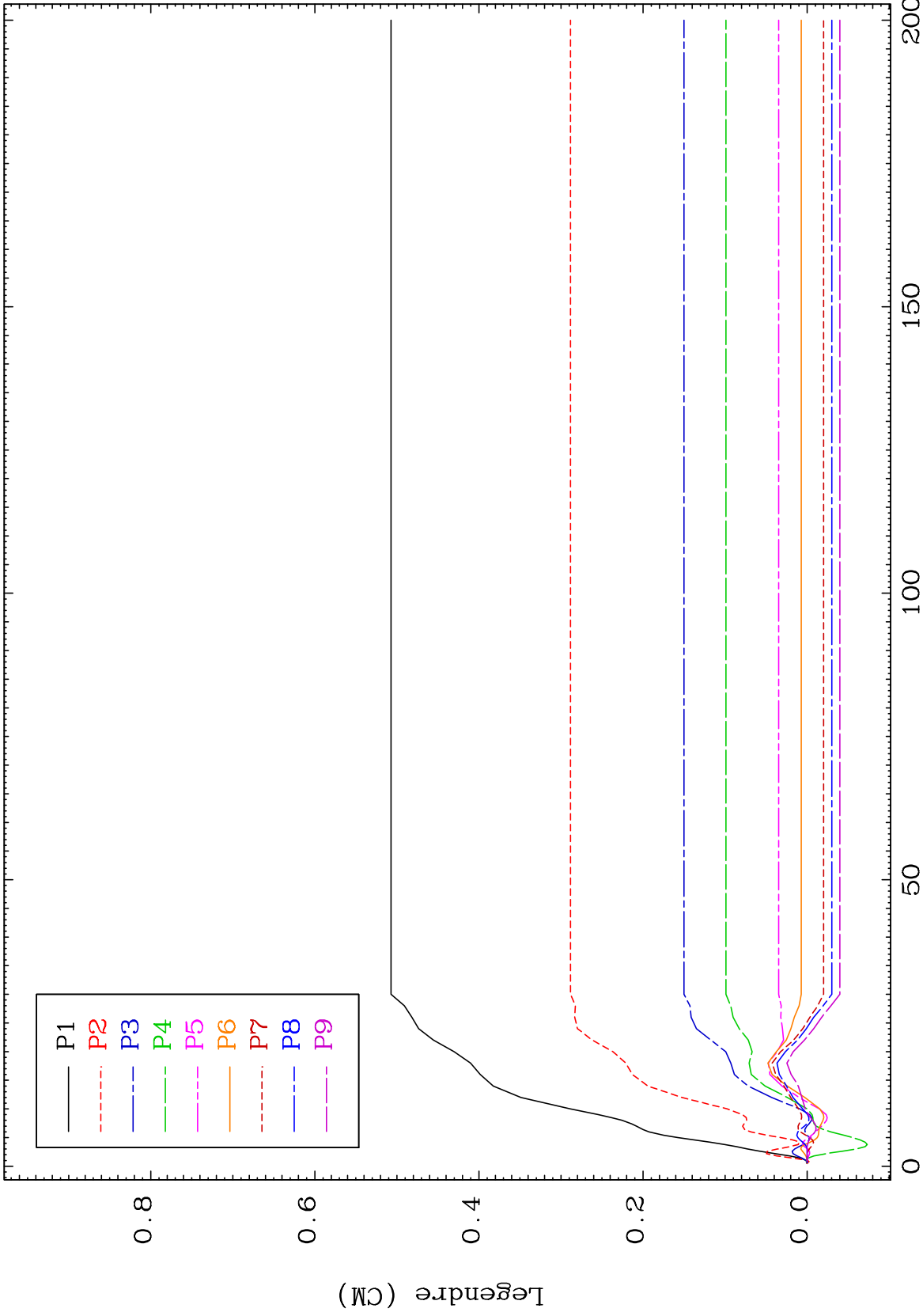
63-Eu-140

200

MAT 6292

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

63-Eu-140



46

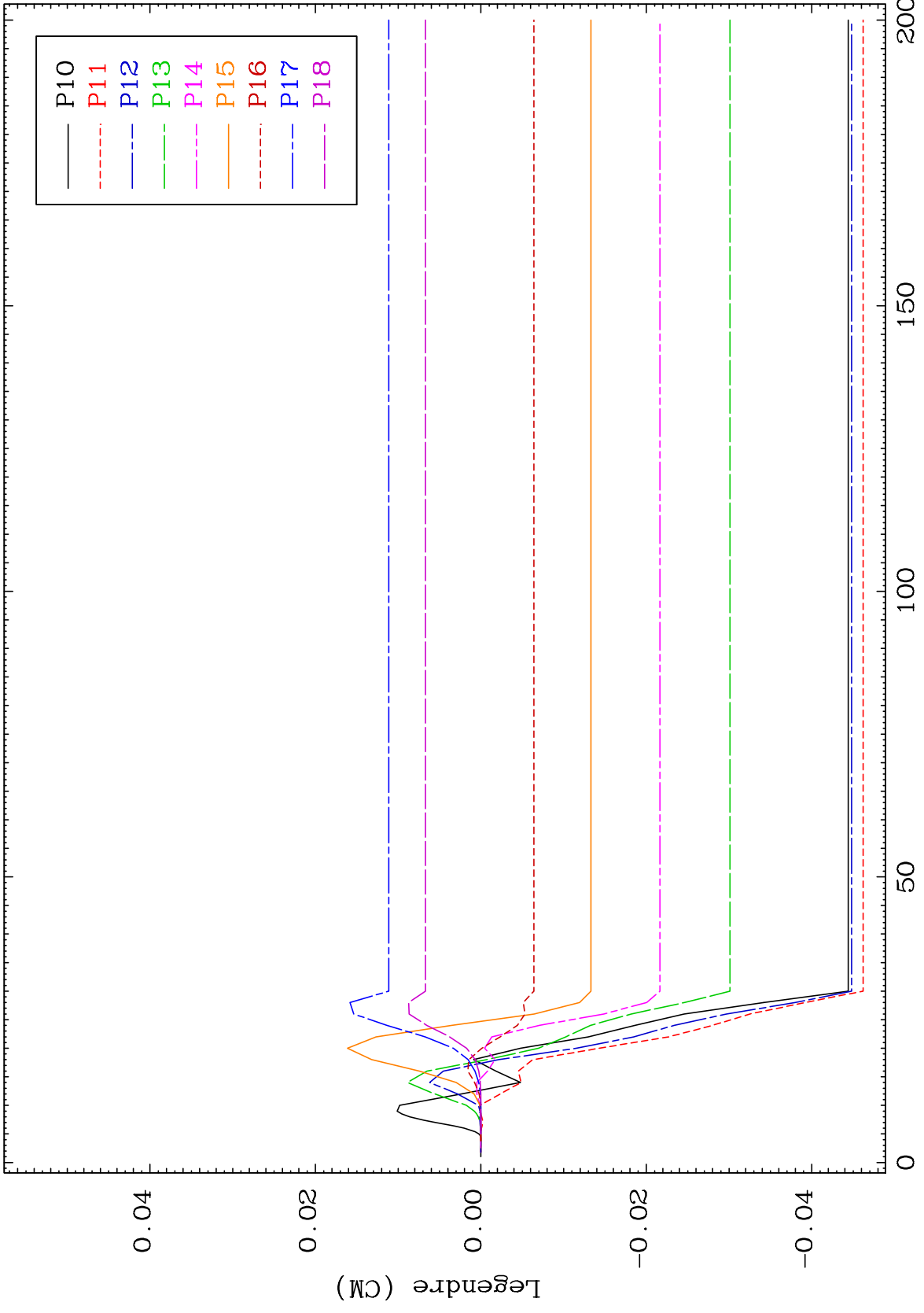
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



47

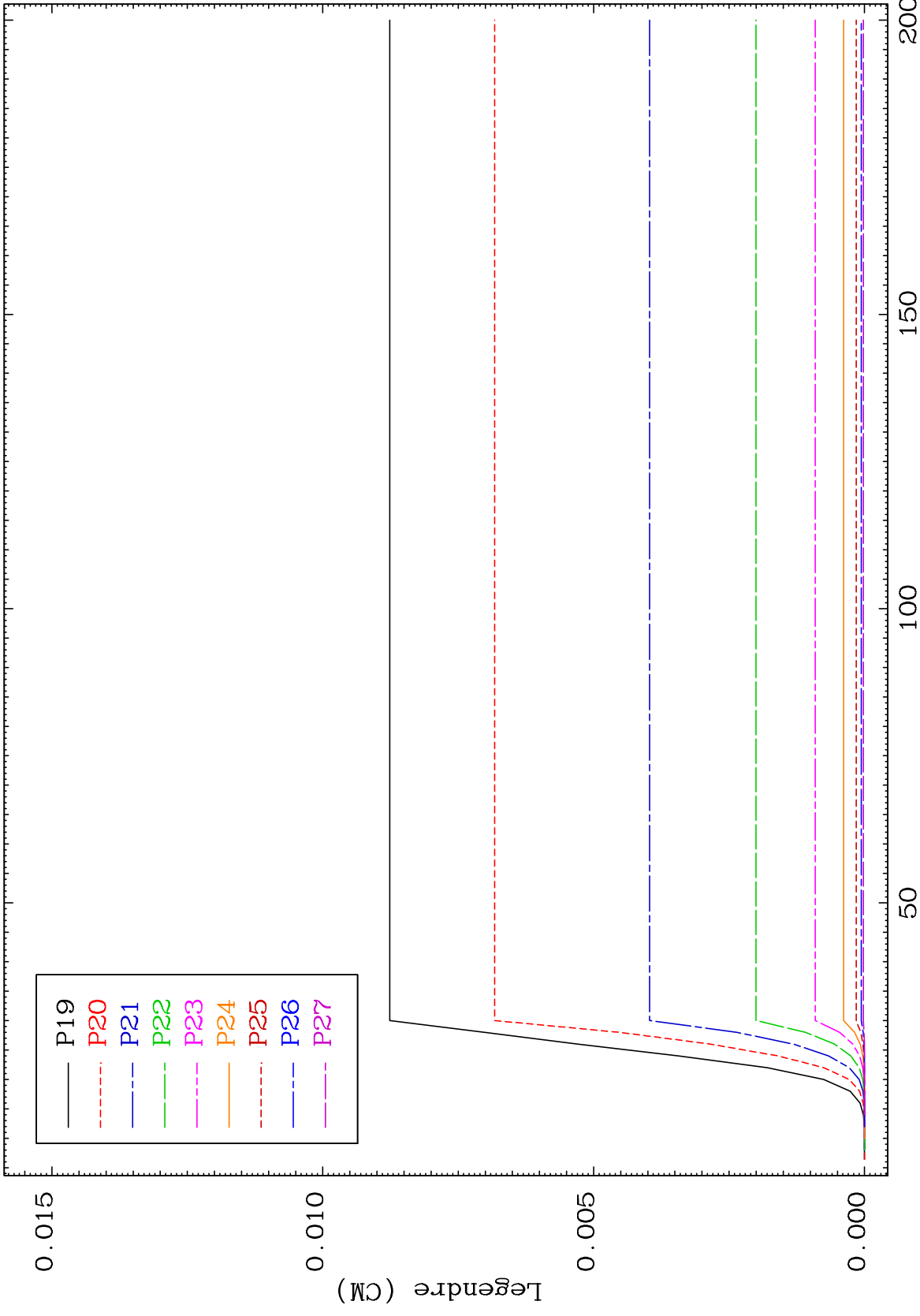
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



48

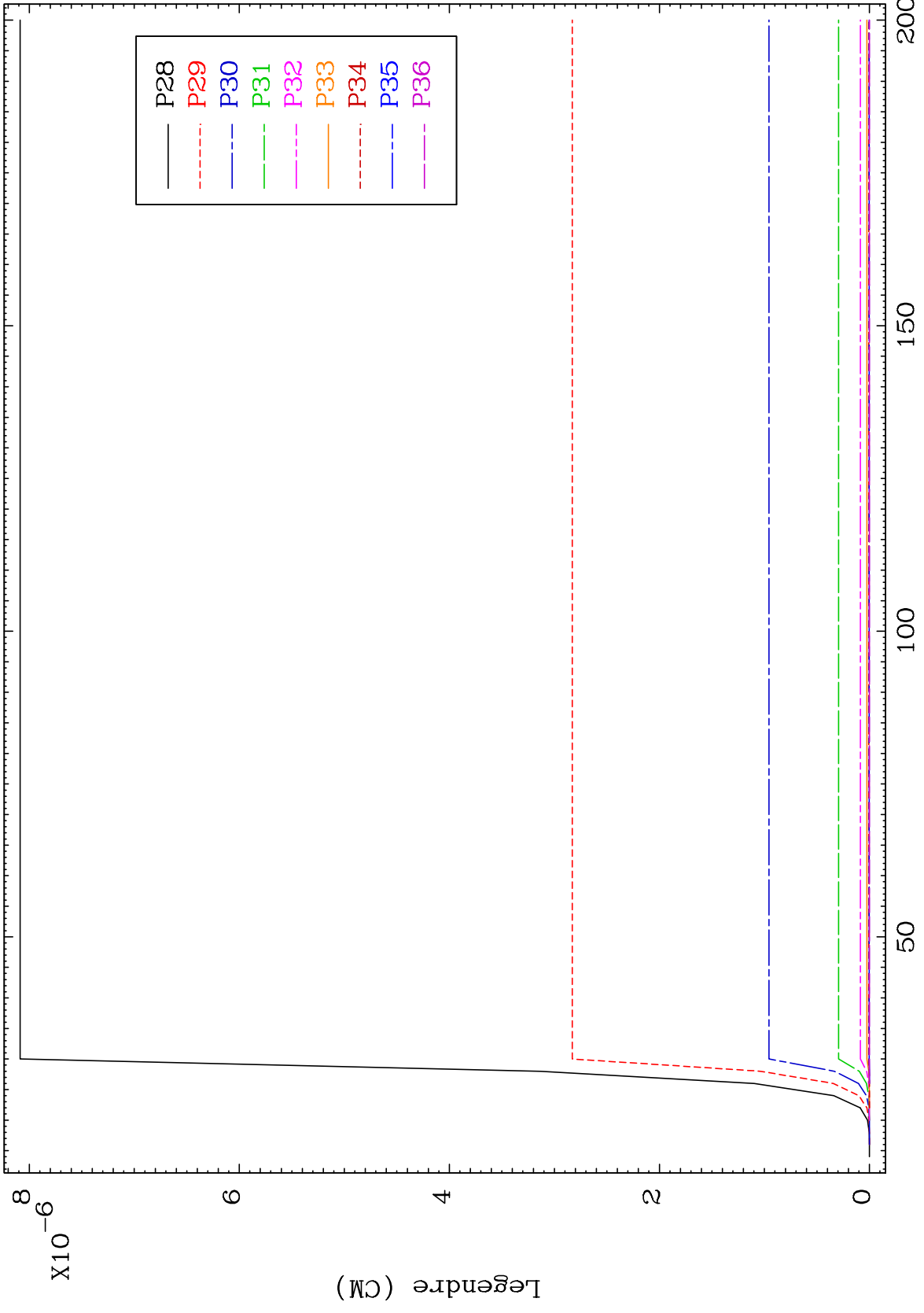
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



49

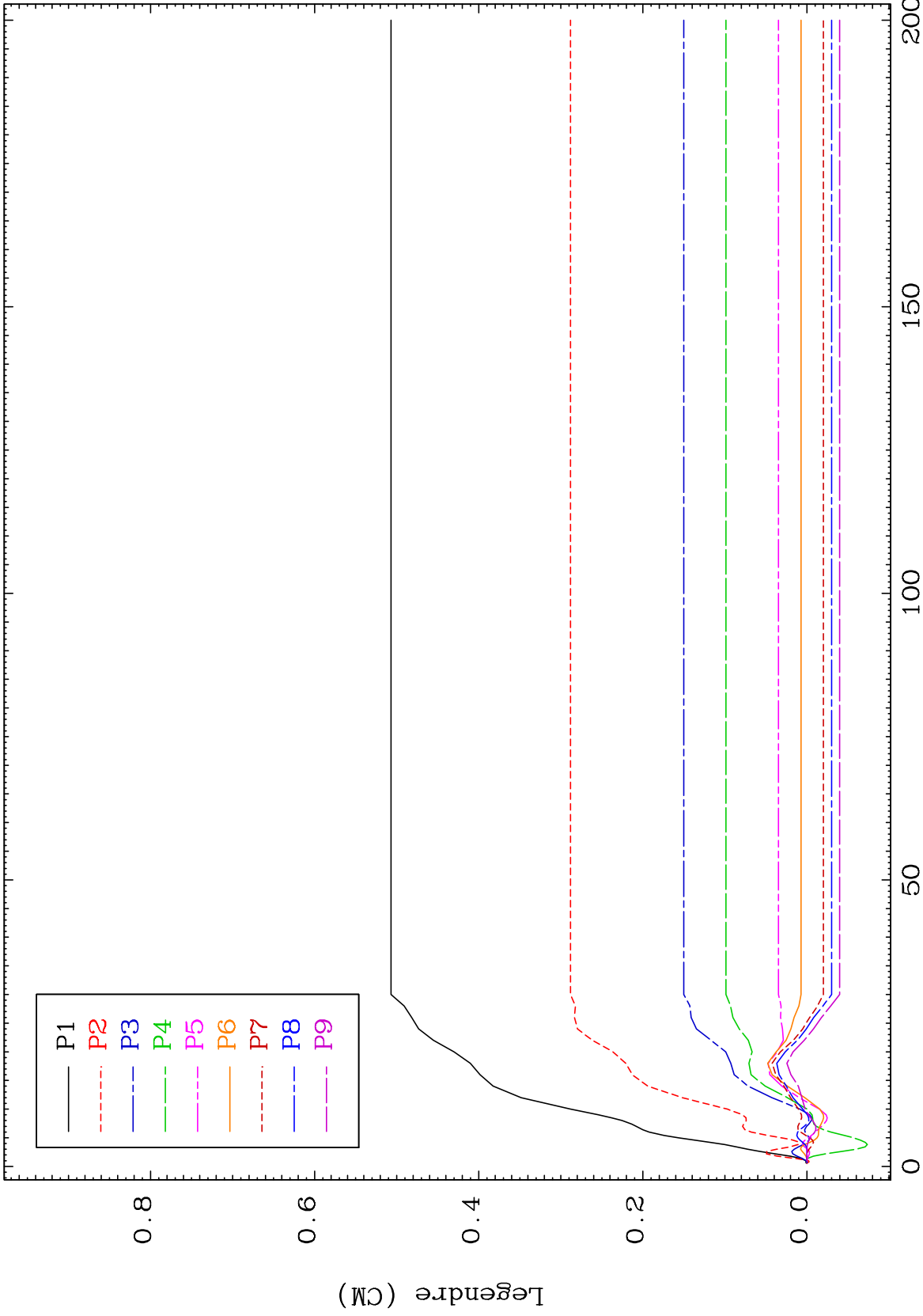
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



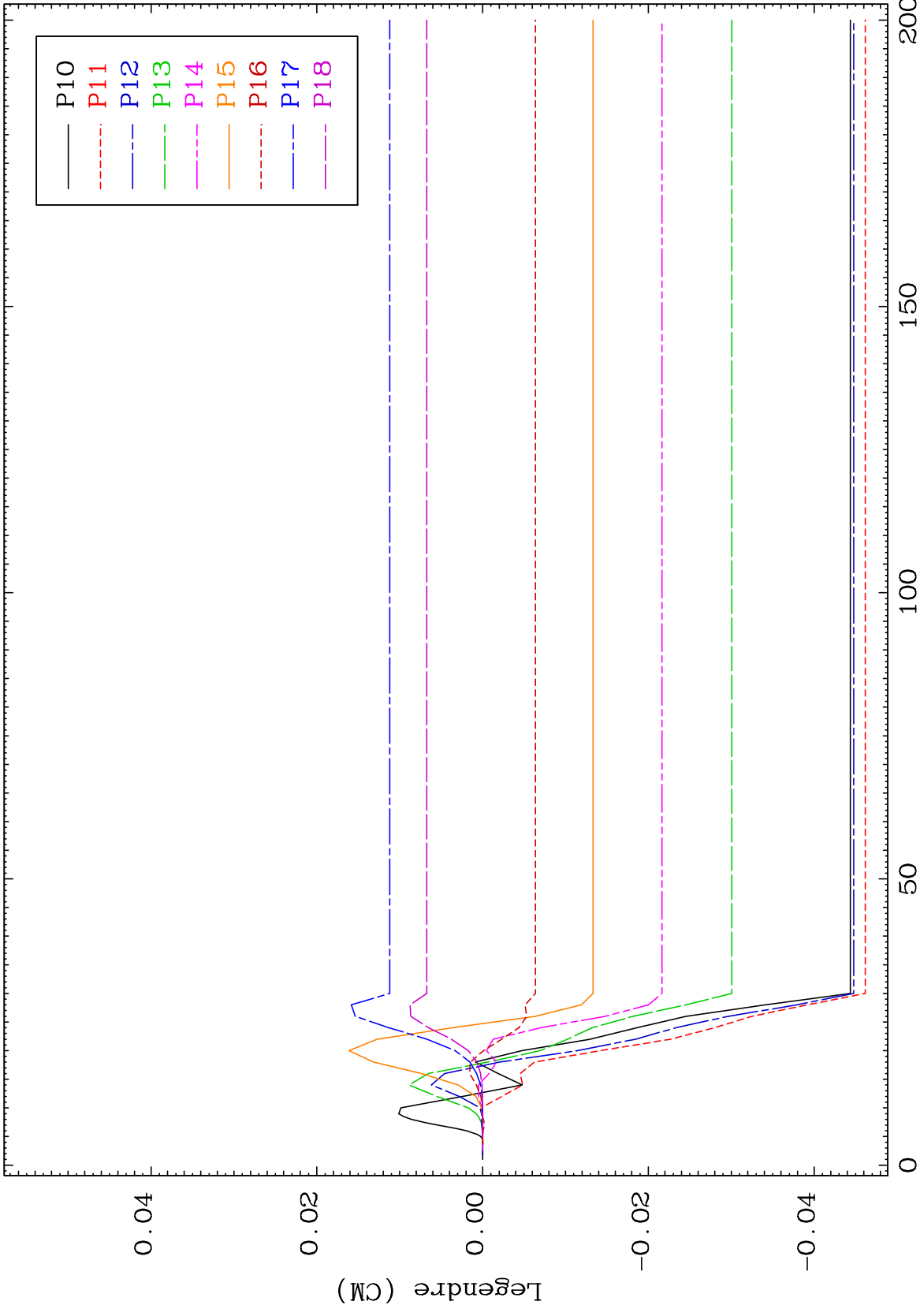
63-Eu-140

Incident Energy (MeV)

MAT 6292

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

63-Eu-140



51

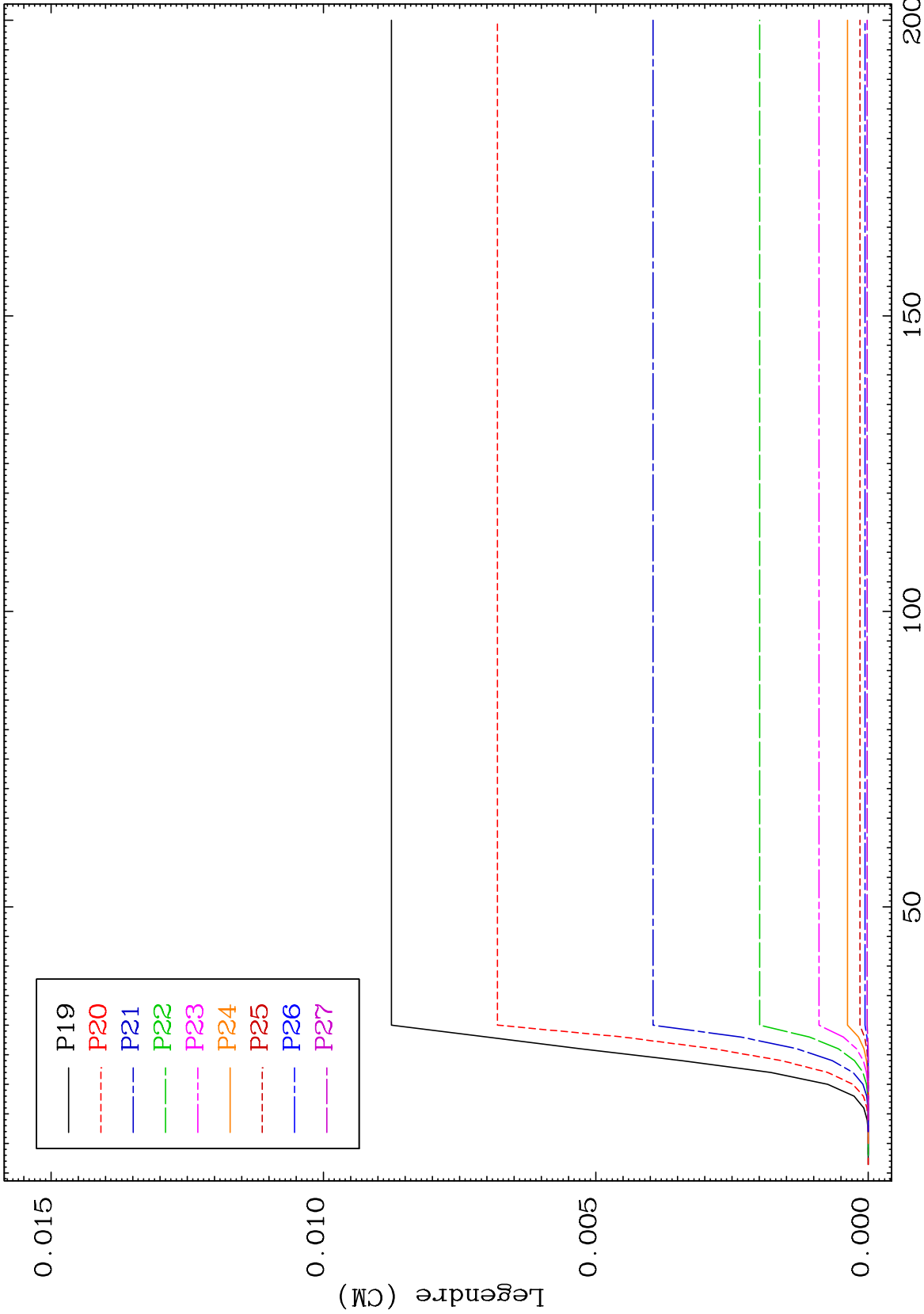
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



52

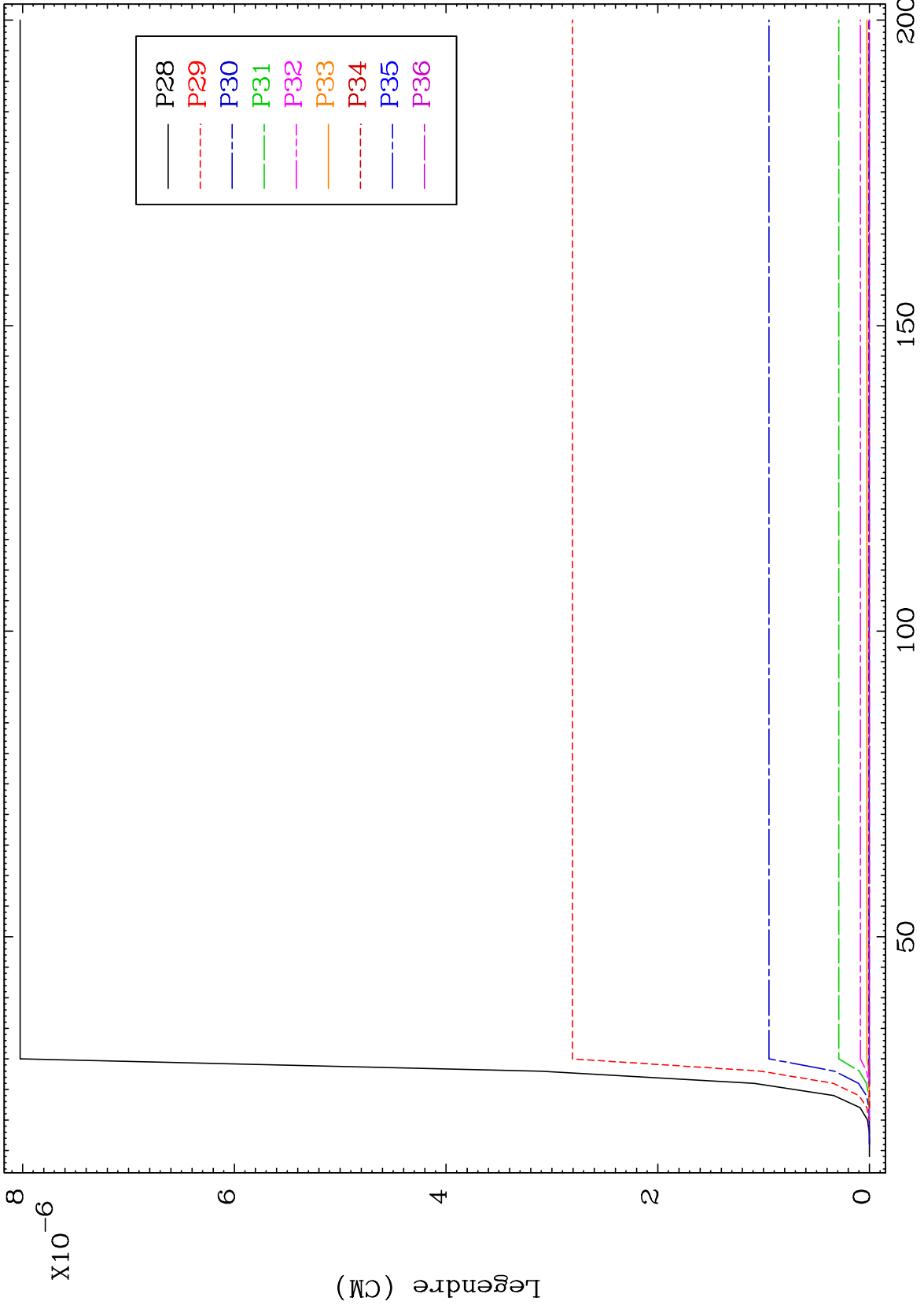
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



53

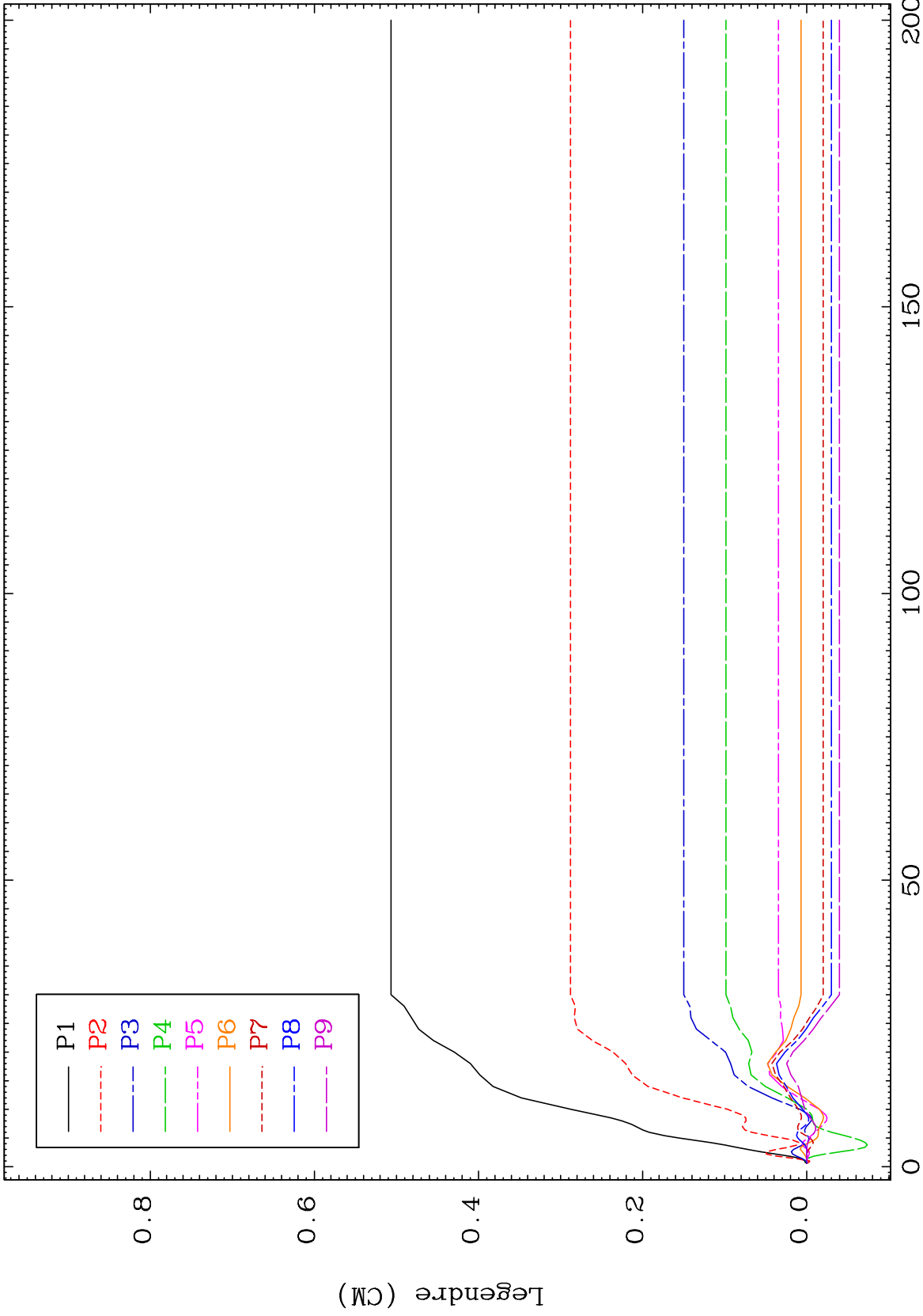
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



54

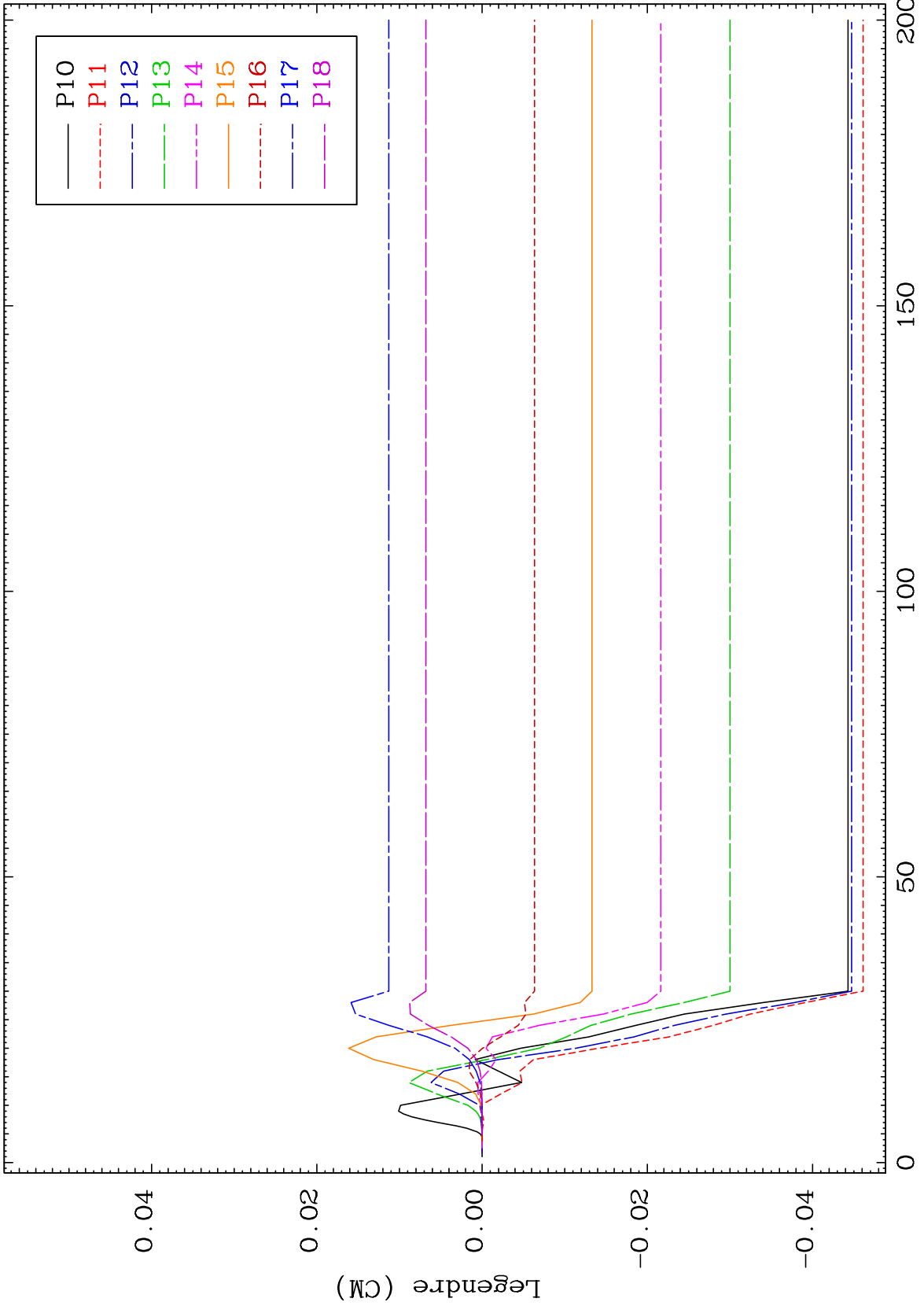
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



55

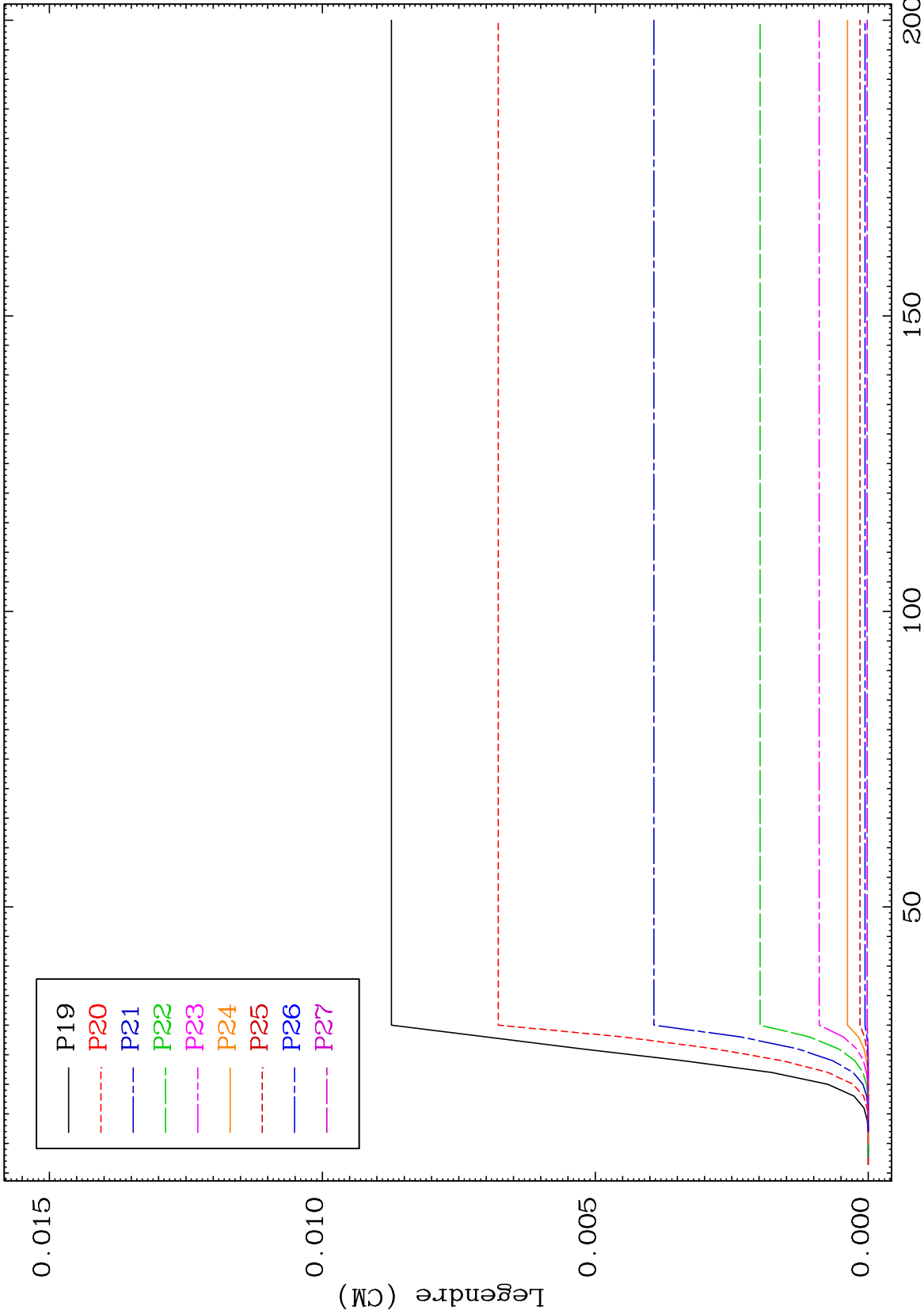
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



56

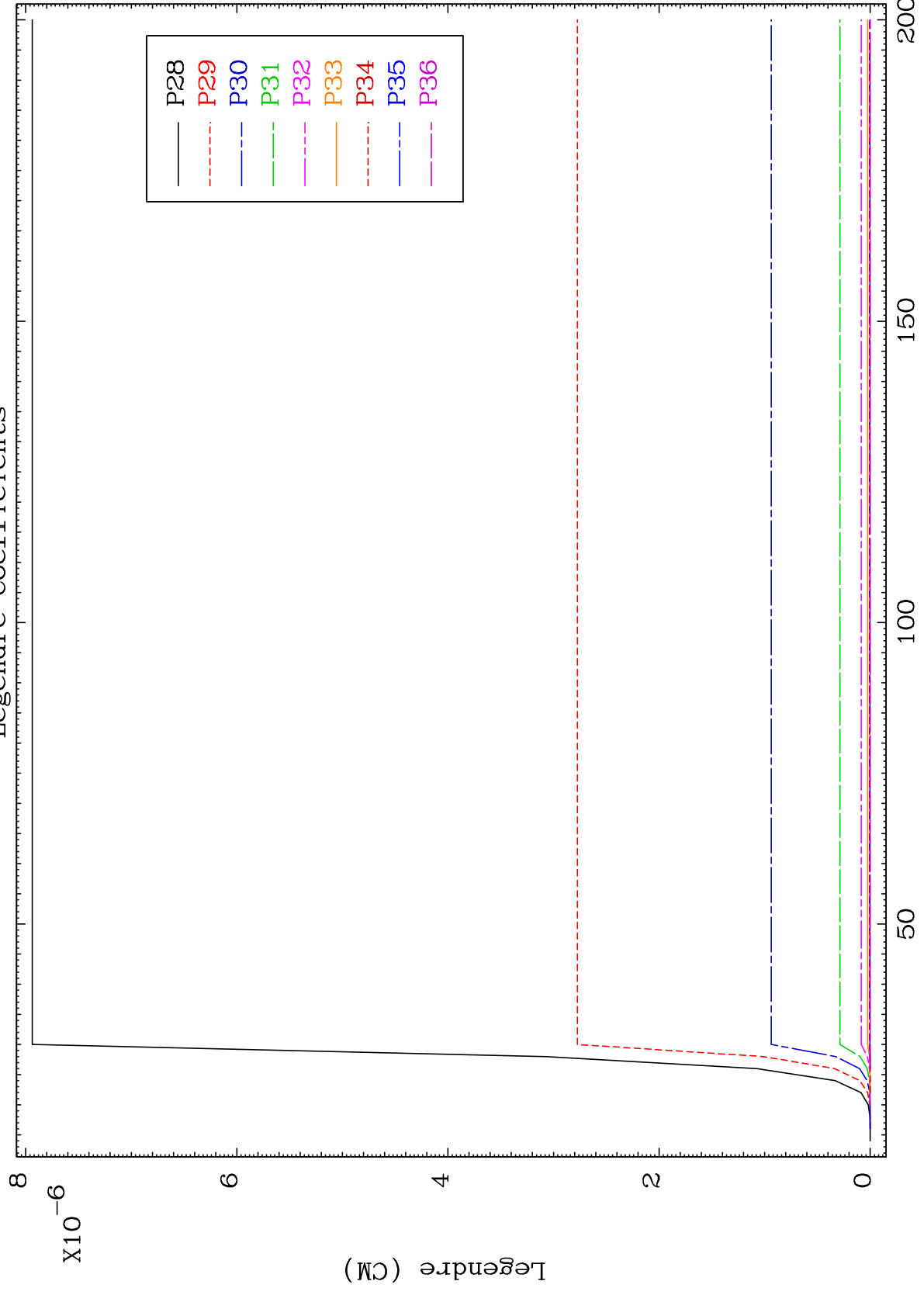
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



57

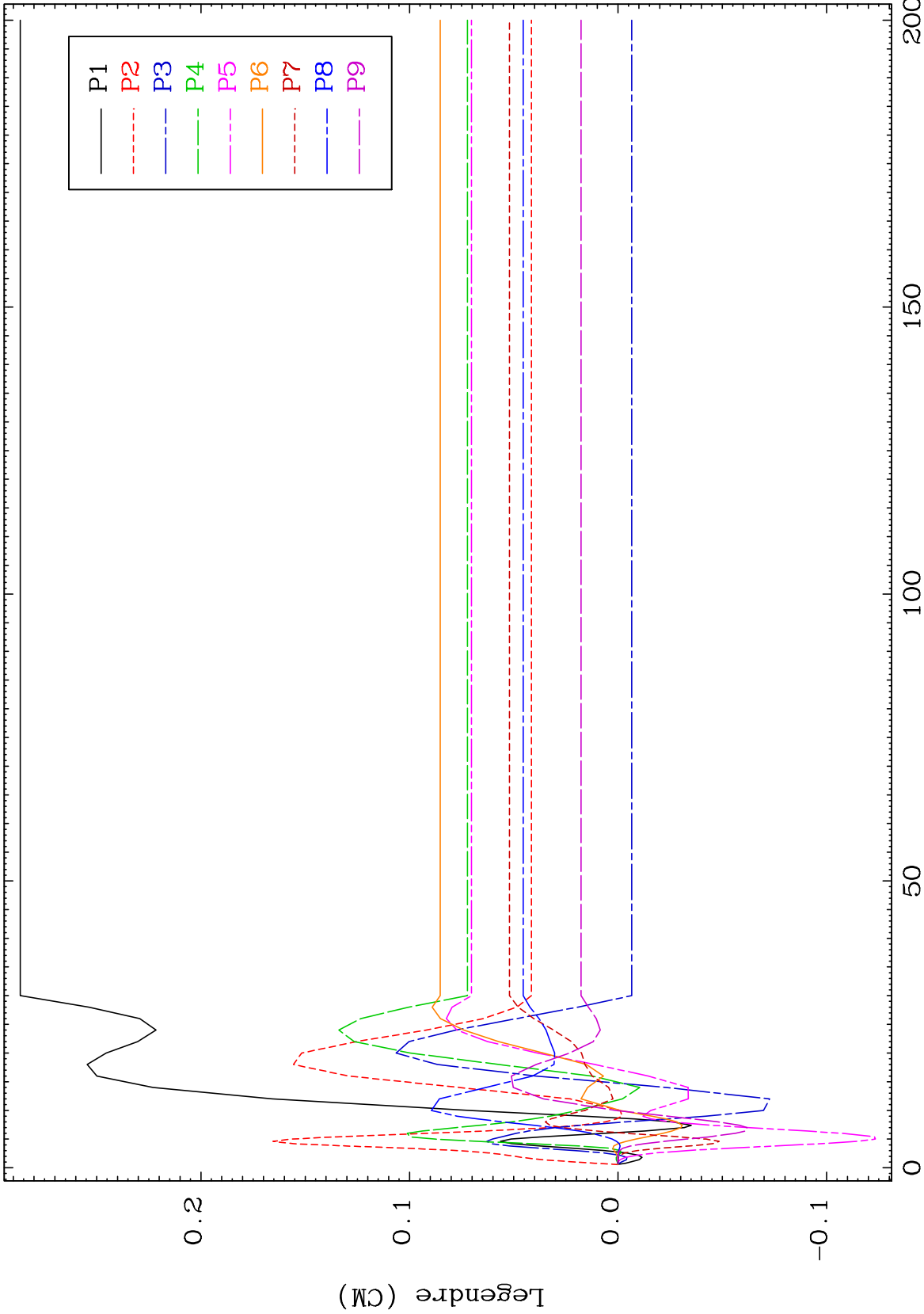
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



58

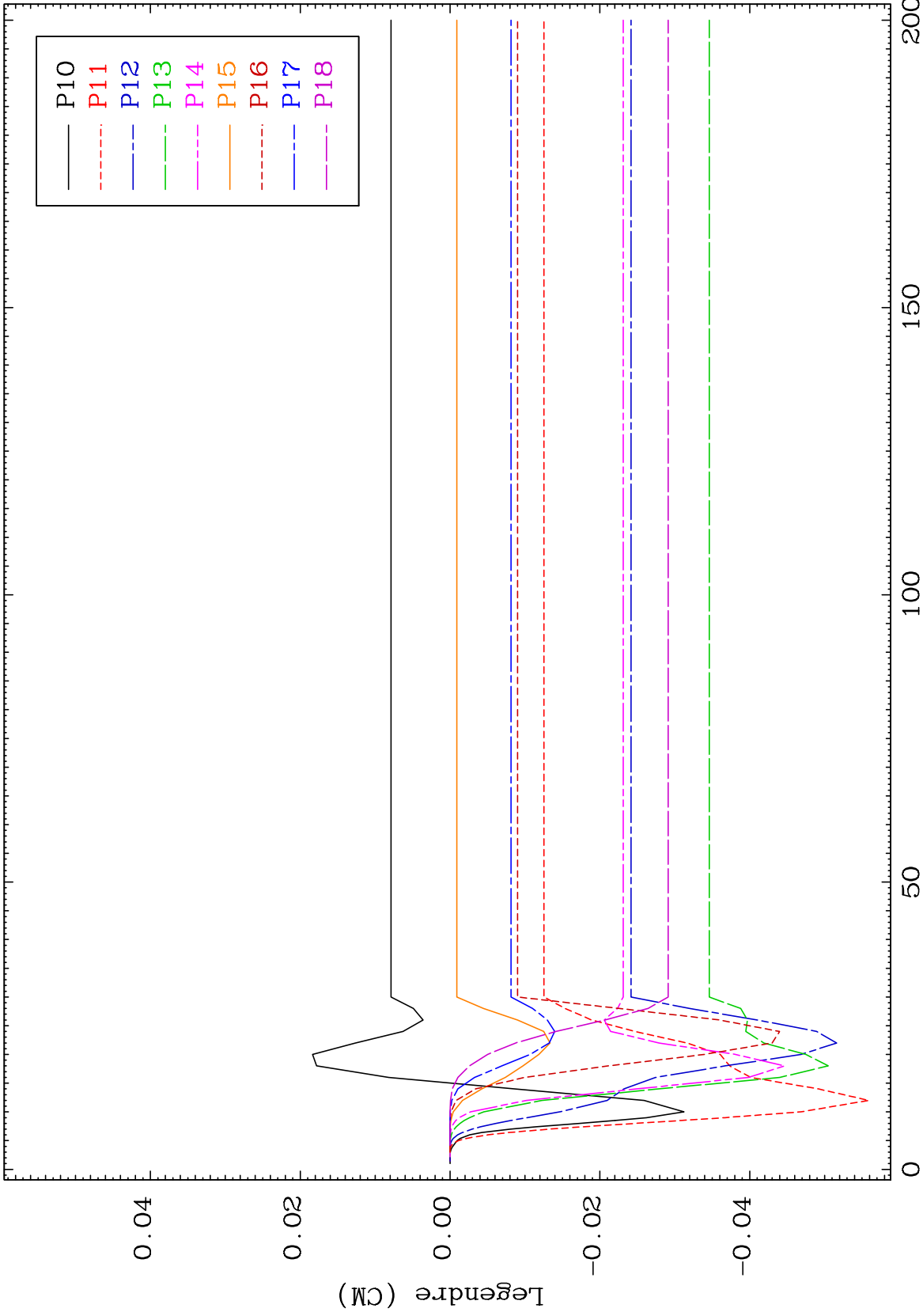
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

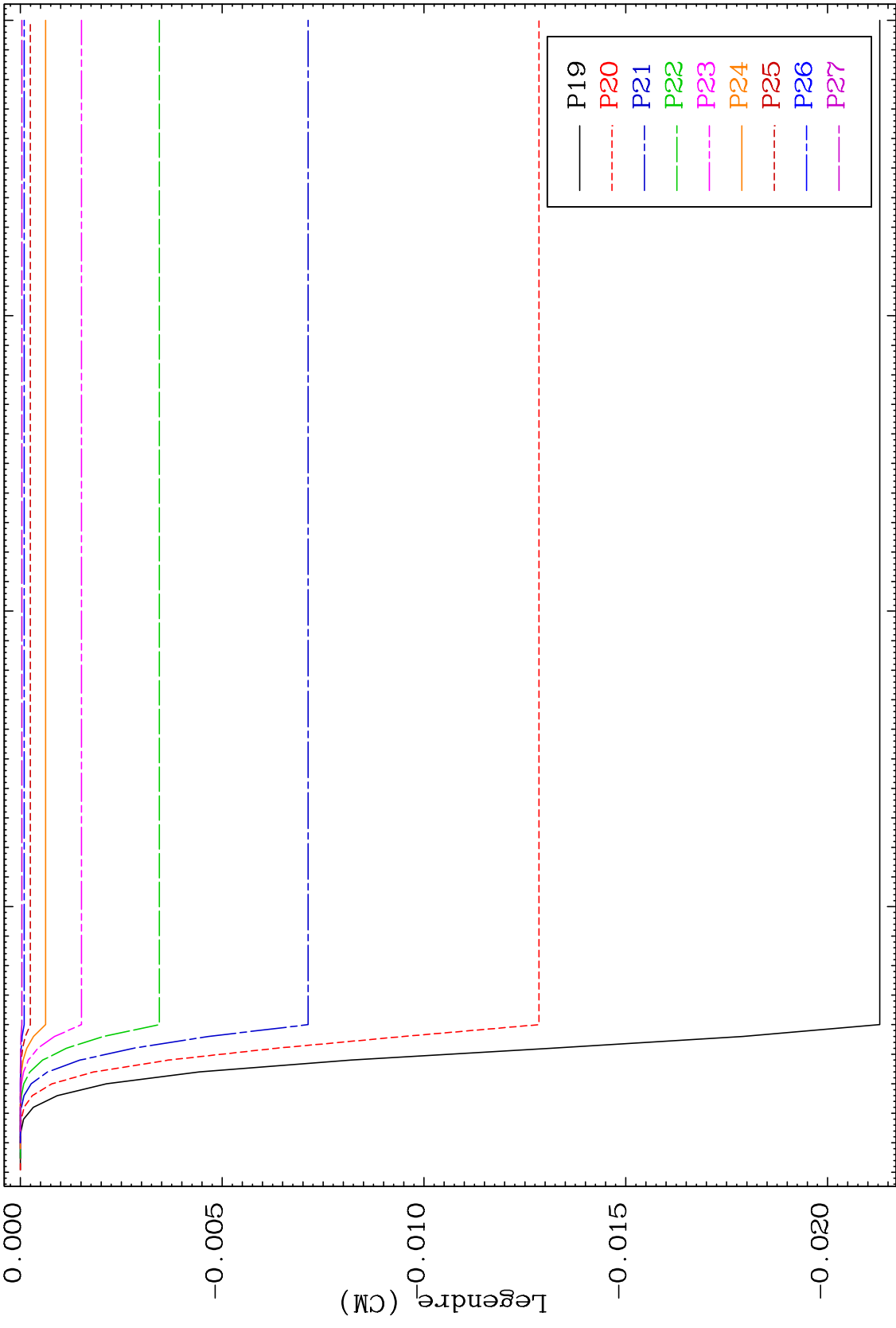


59

Incident Energy (MeV)

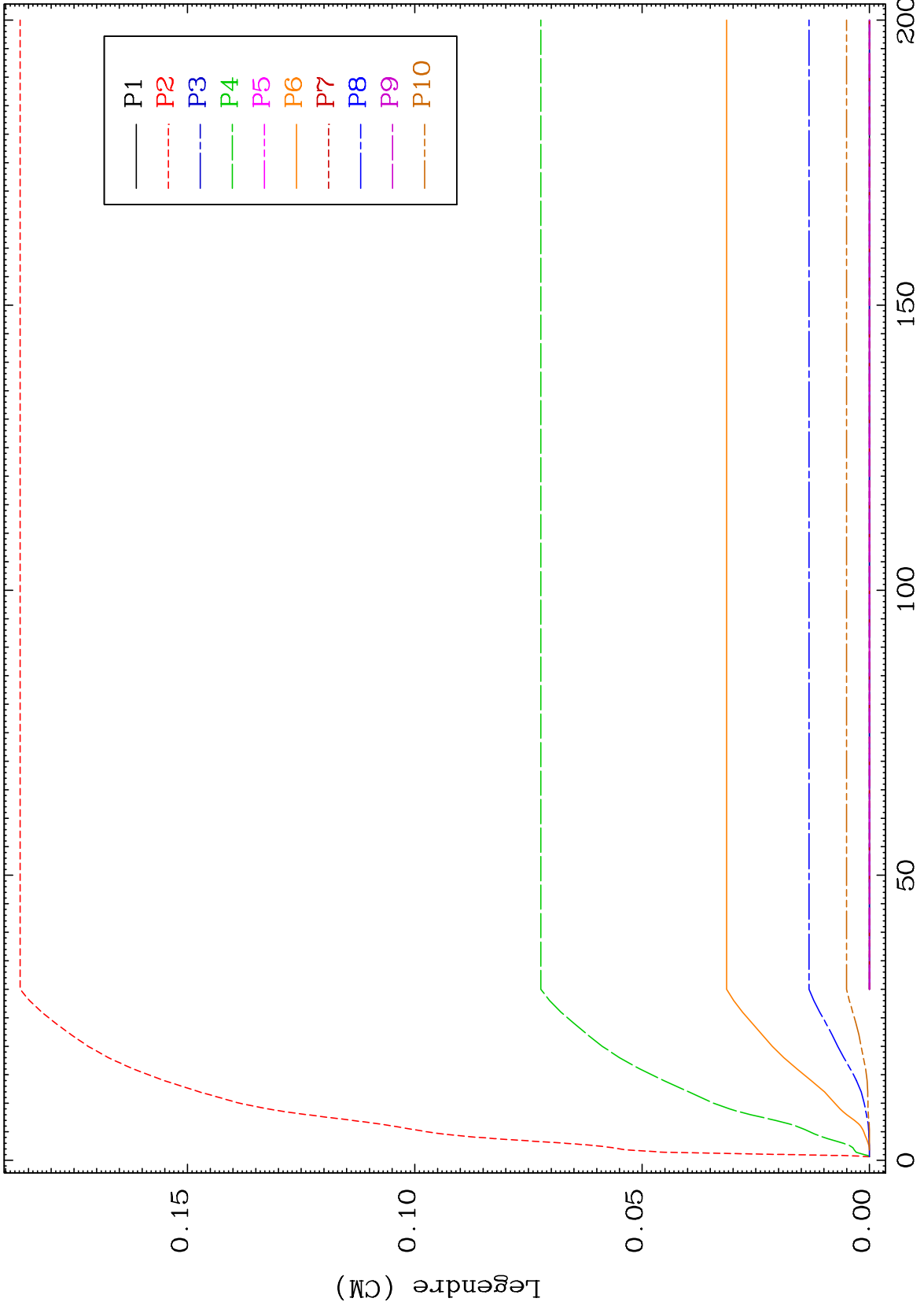
63-Eu-140

MAT 6292 MT= 62 (n,n') Level Legendre Coefficients 63-Eu-140



60 Incident Energy (MeV) 63-Eu-140

MAT 6292 MT= 63 (n,n') Level Legendre Coefficients 63-Eu-140

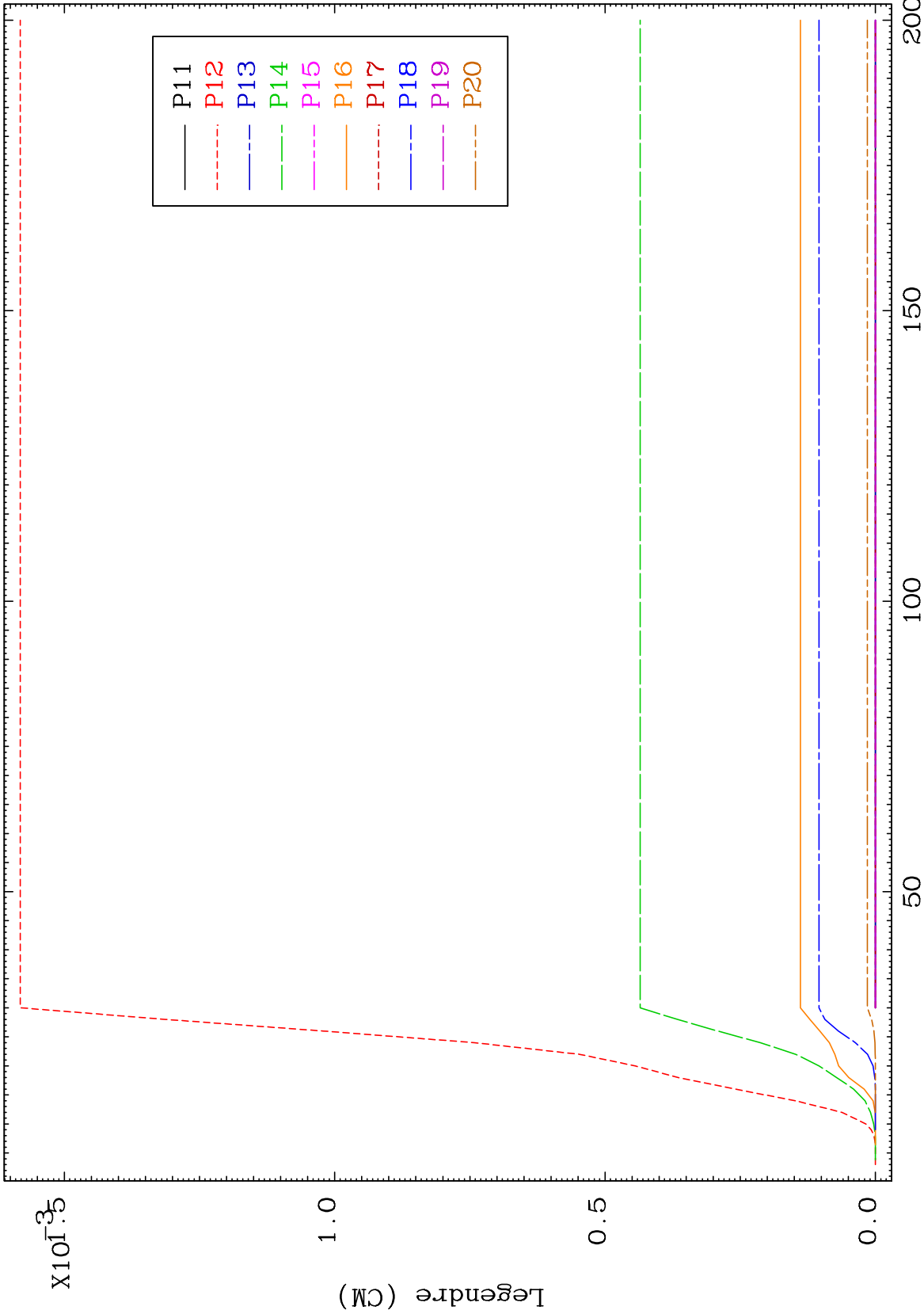


62 63-Eu-140

MAT 6292

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

63-Eu-140



63

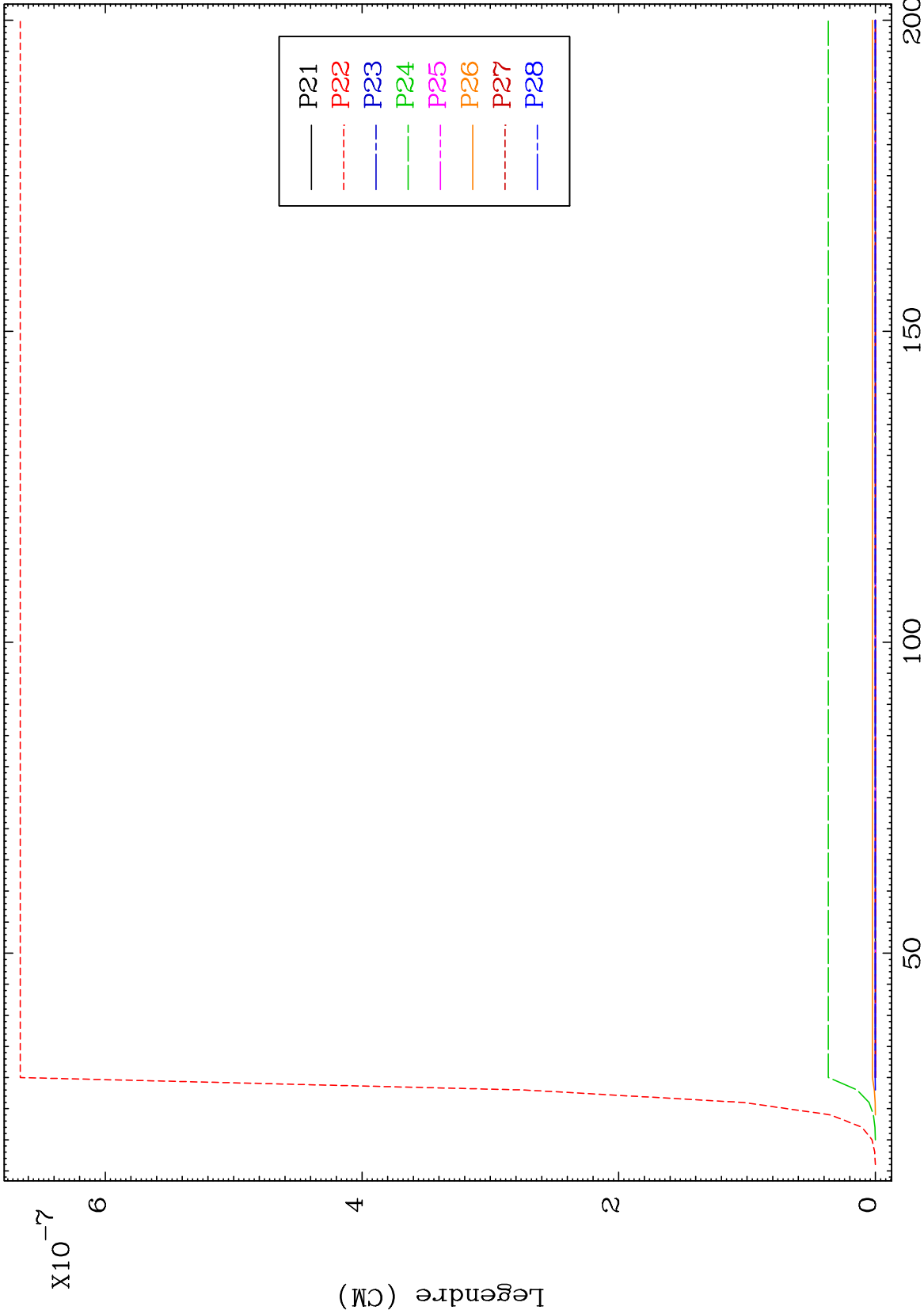
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



64

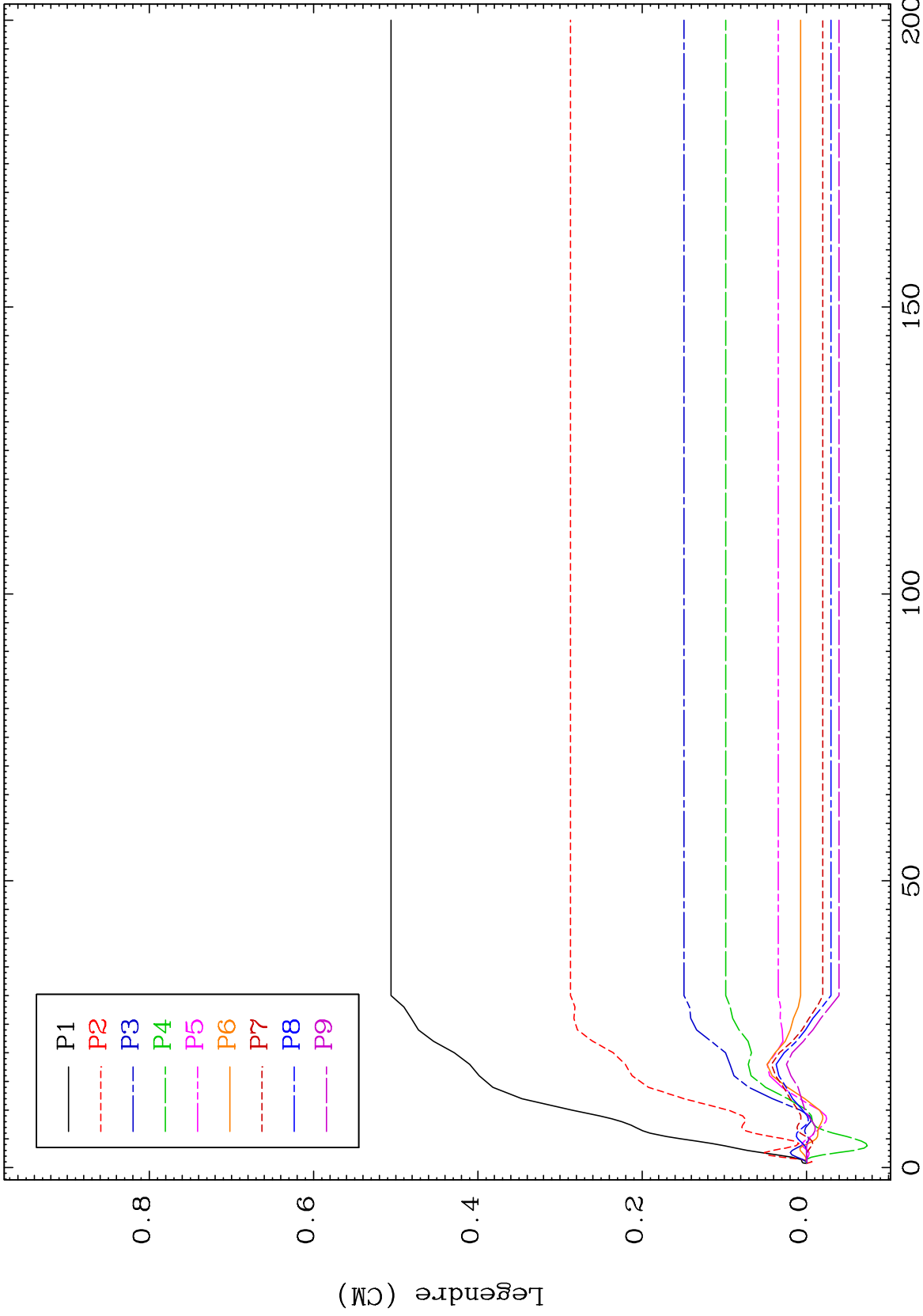
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



65

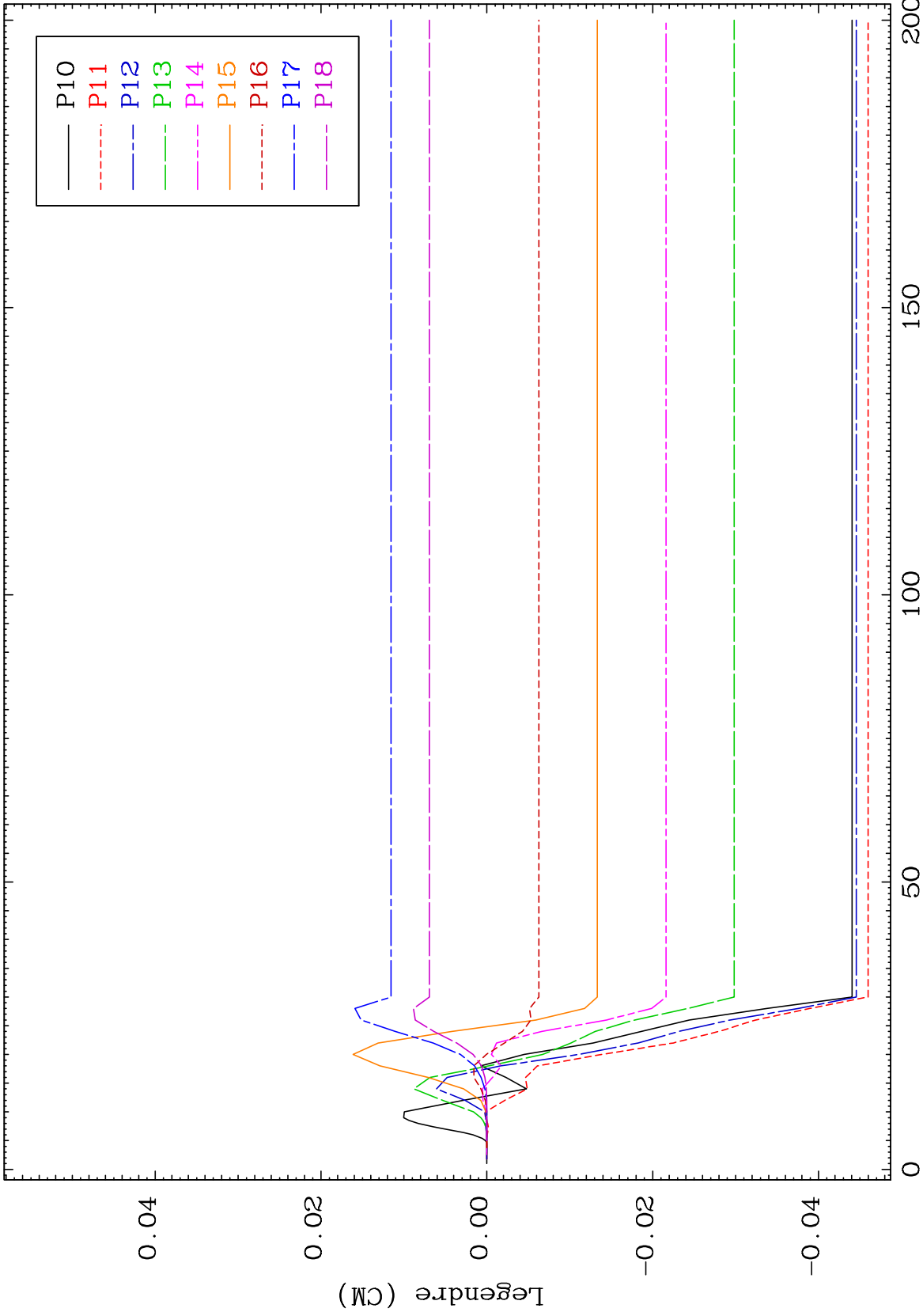
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



66

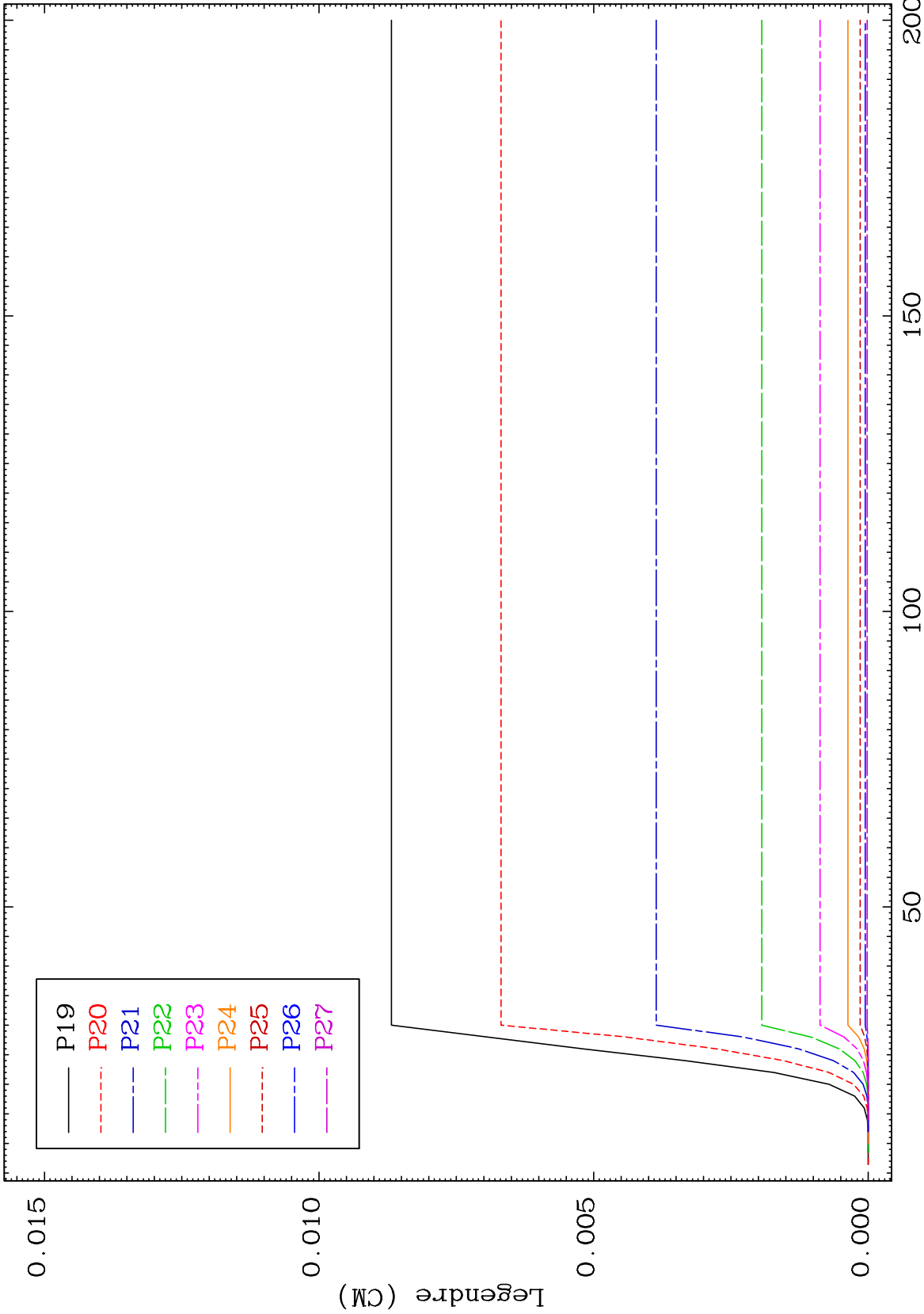
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



67

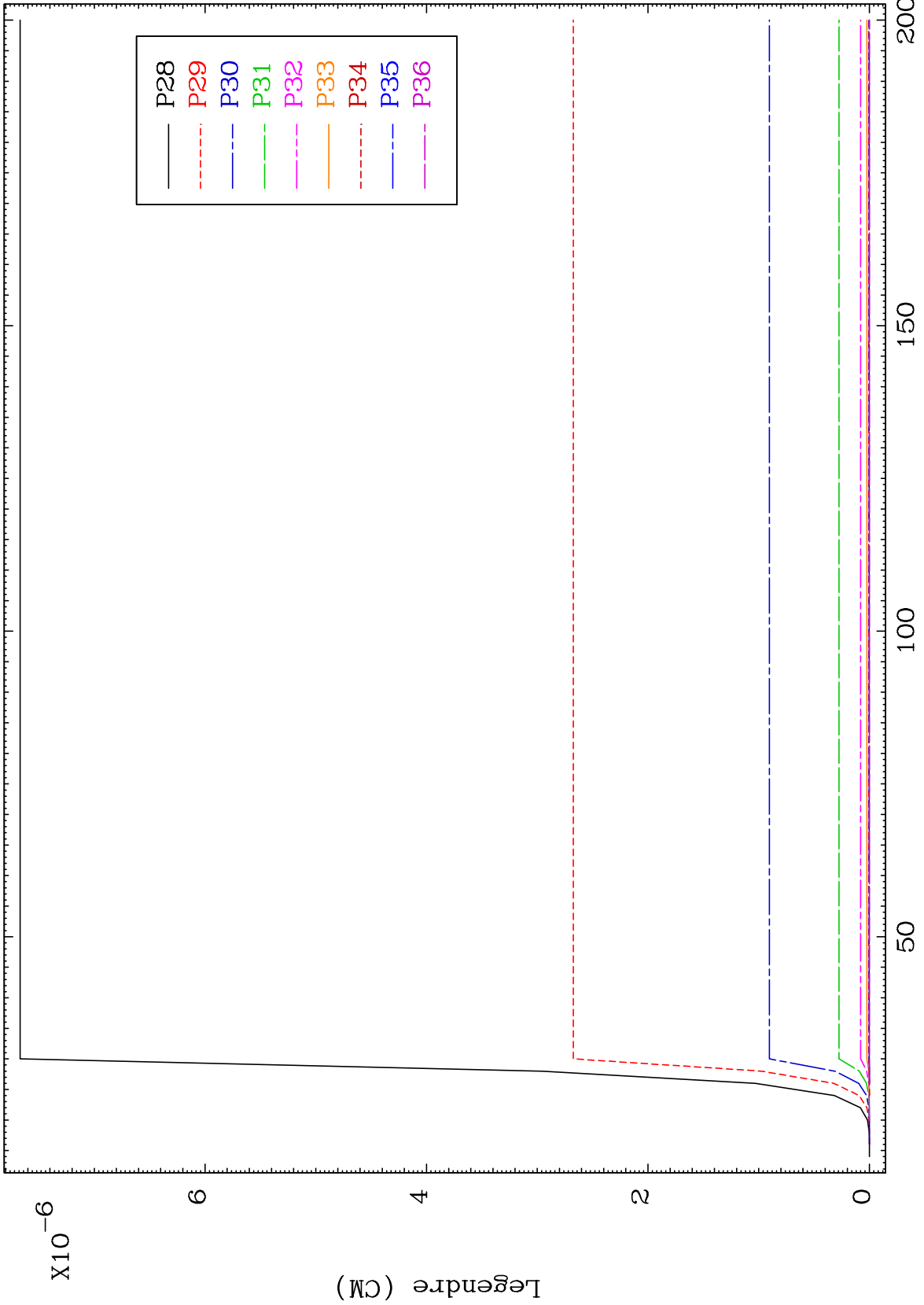
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



68

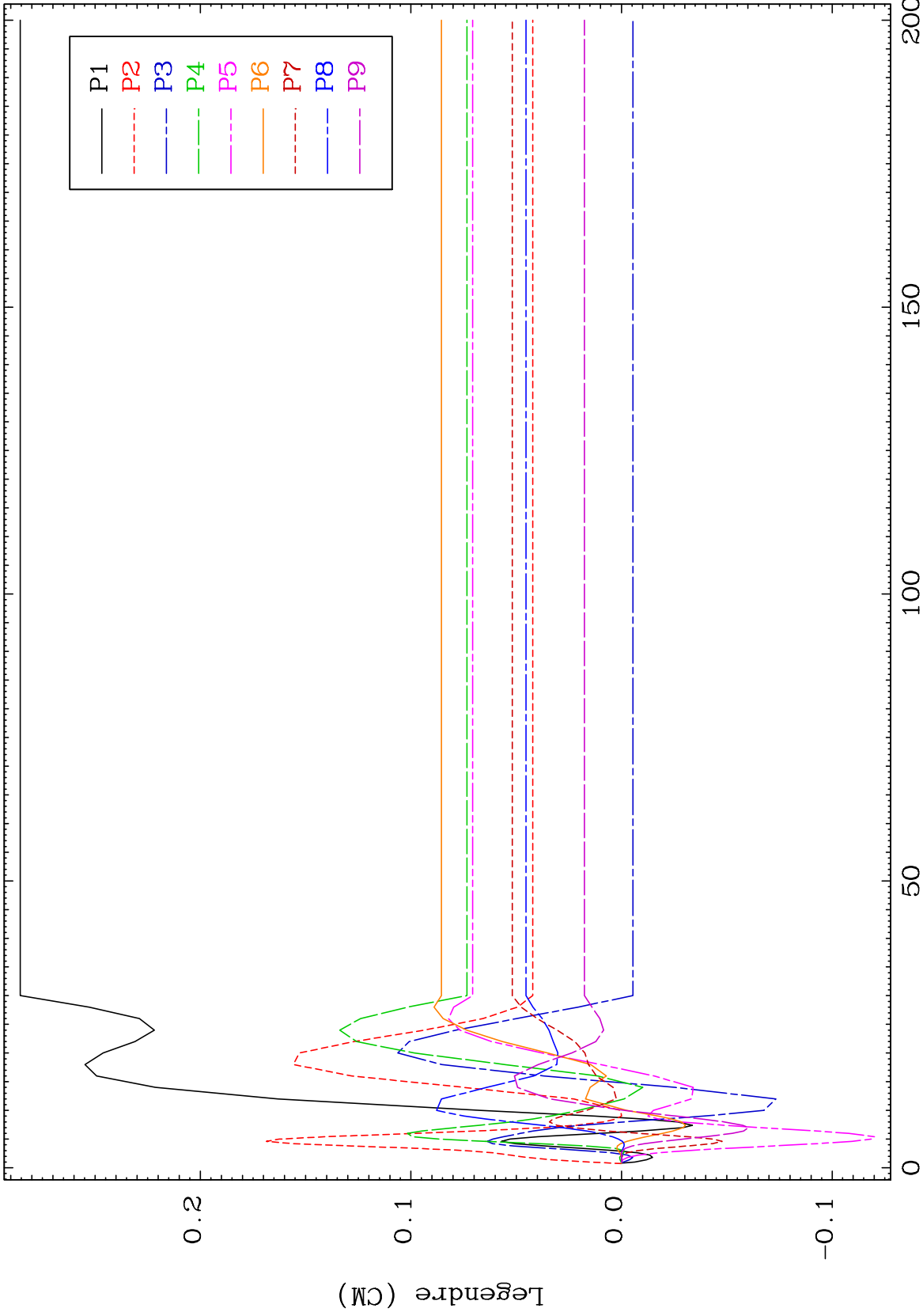
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



69

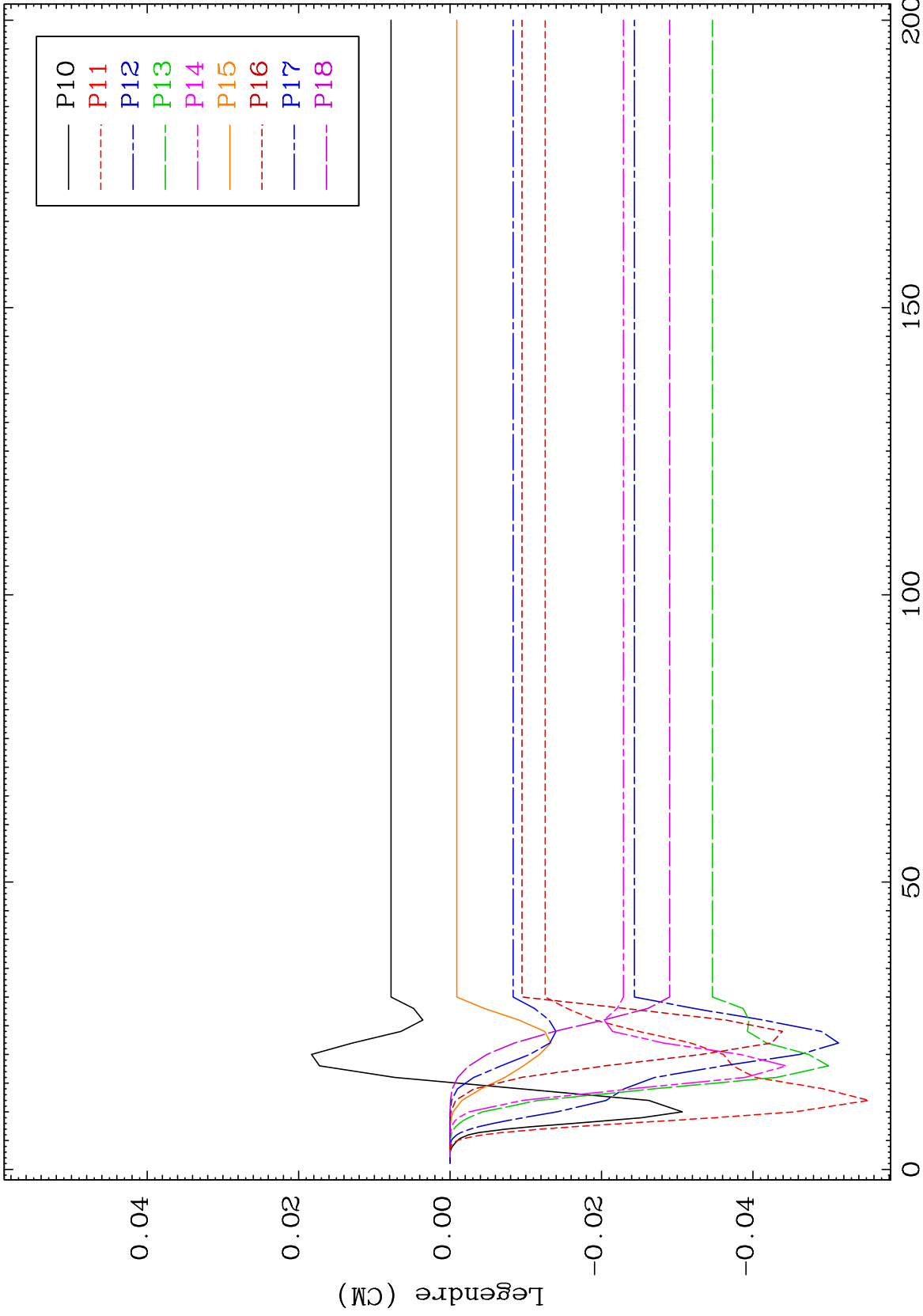
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

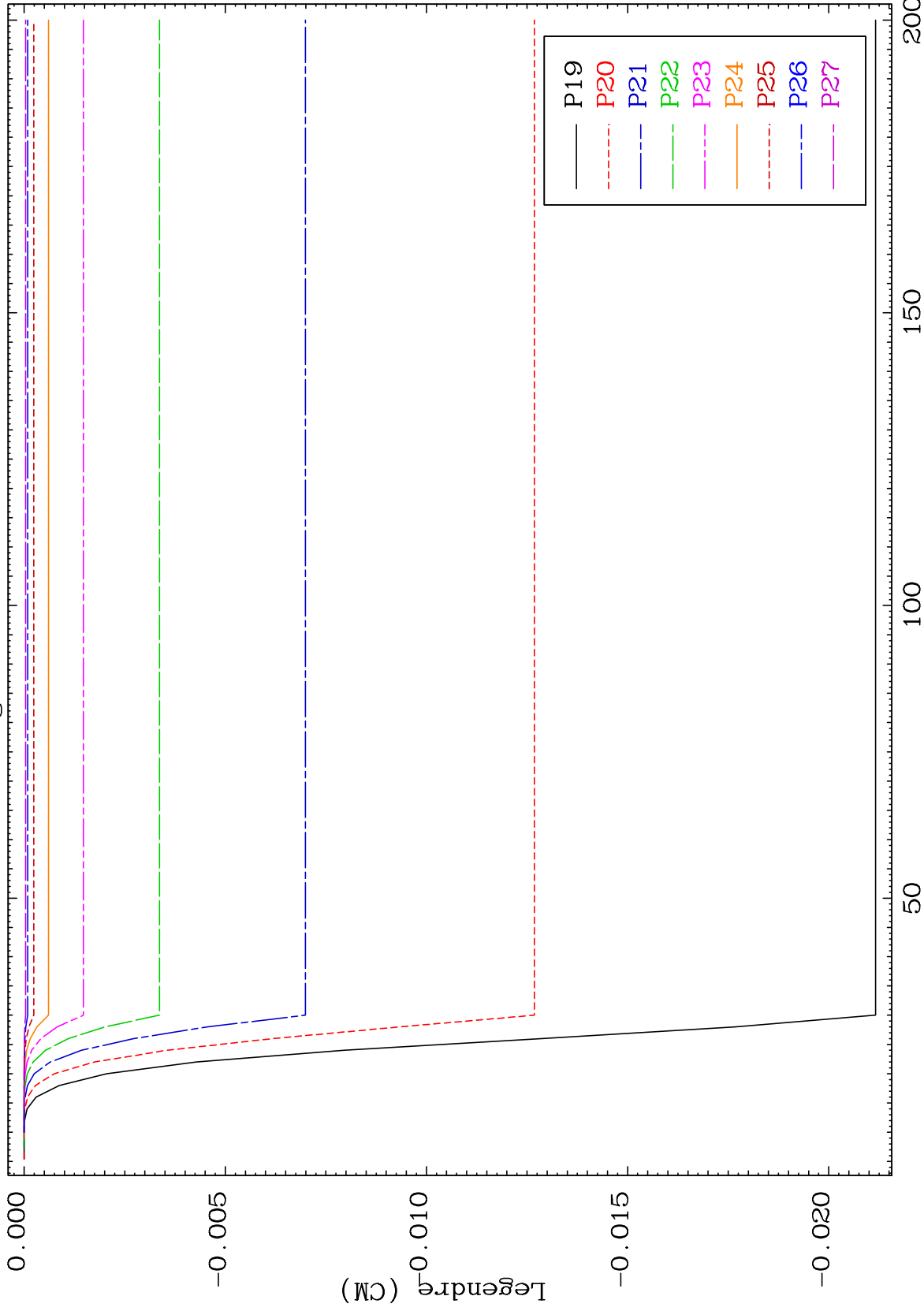


70

Incident Energy (MeV)

63-Eu-140

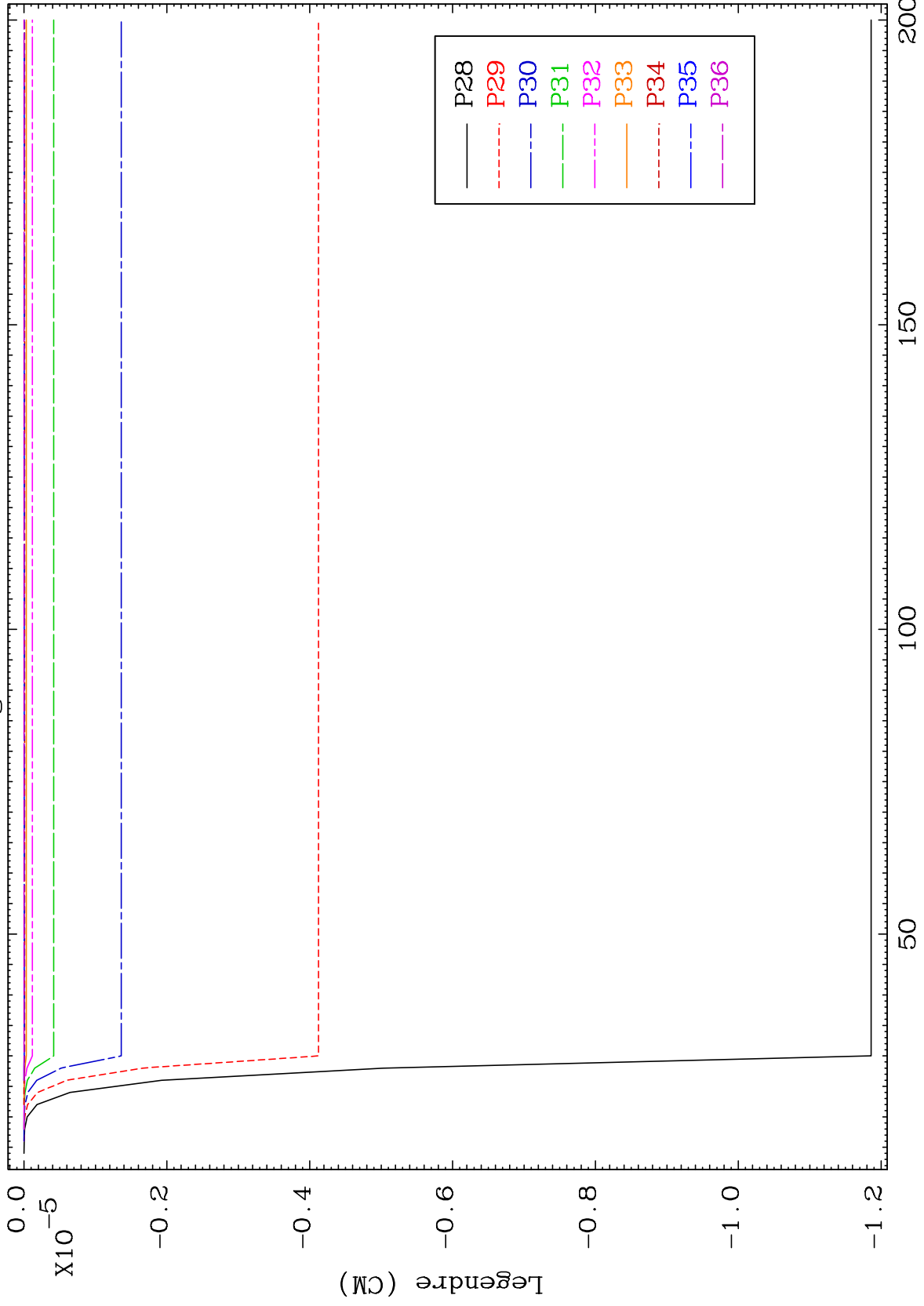
MAT 6292 MT= 65 (n,n') Level Legendre Coefficients 63-Eu-140



MAT 6292

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

63-Eu-140

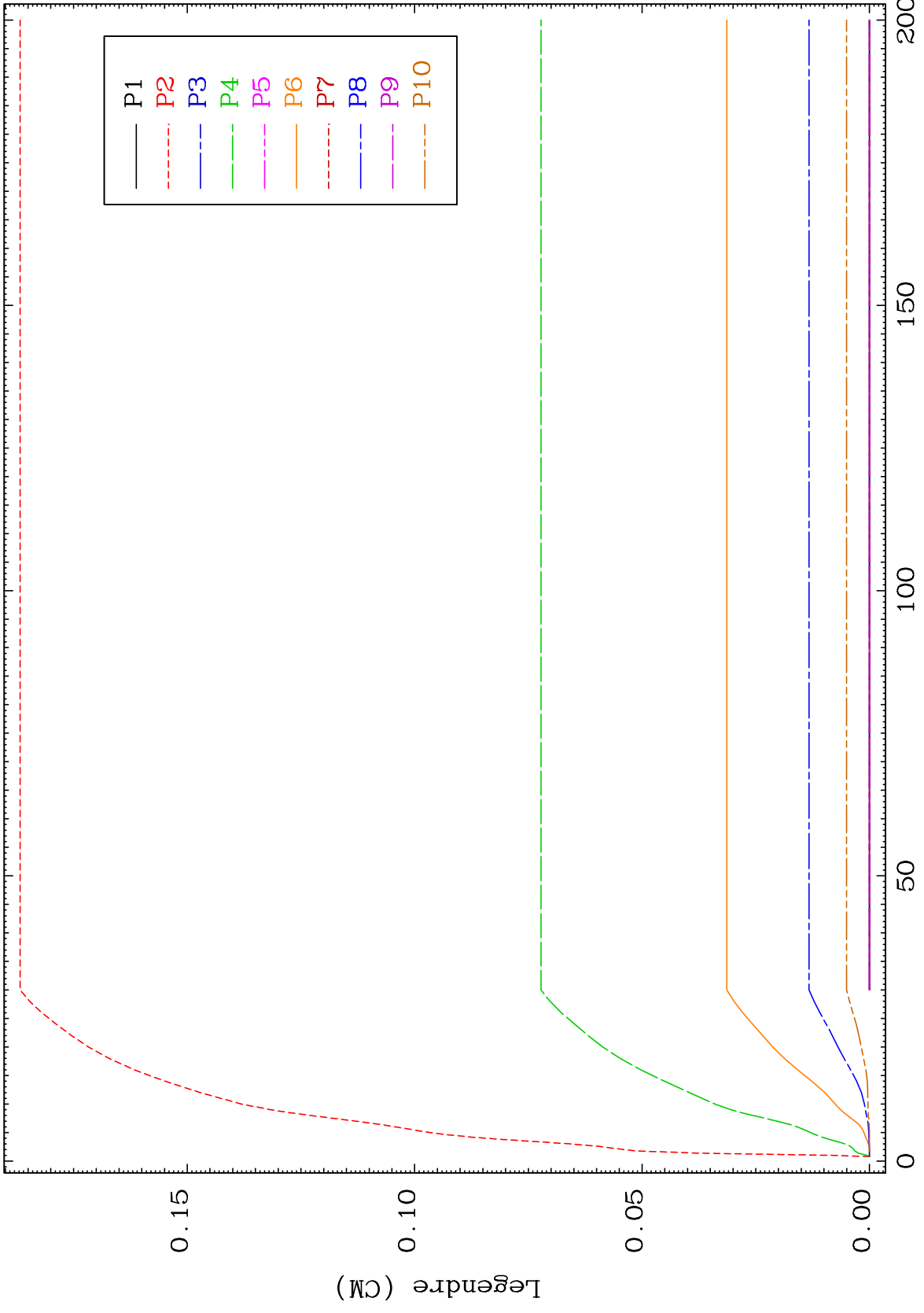


63-Eu-140

Incident Energy (MeV)

72

MAT 6292 MT= 66 (n,n') Level Legendre Coefficients 63-Eu-140

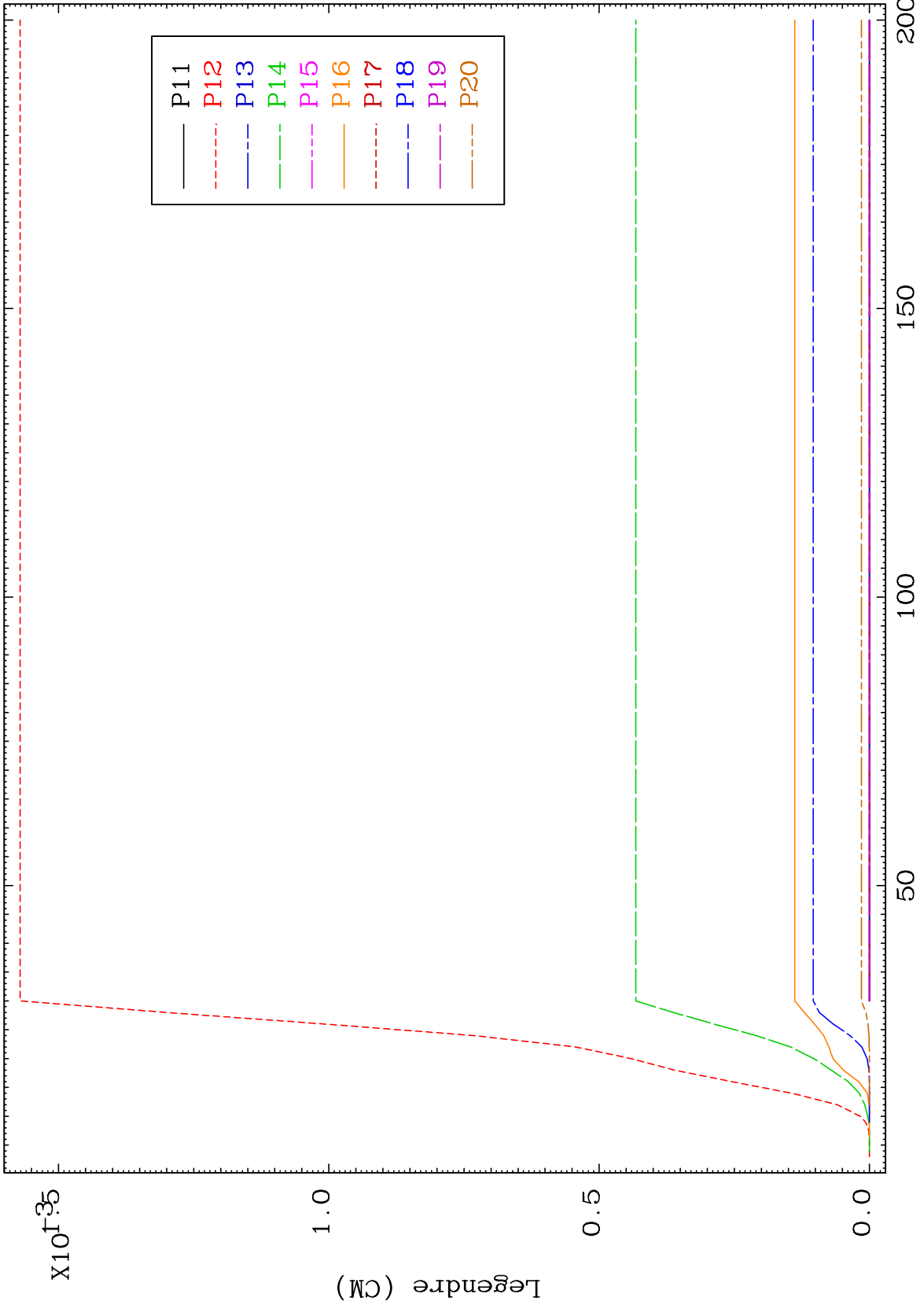


73 63-Eu-140

MAT 6292

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

63-Eu-140



74

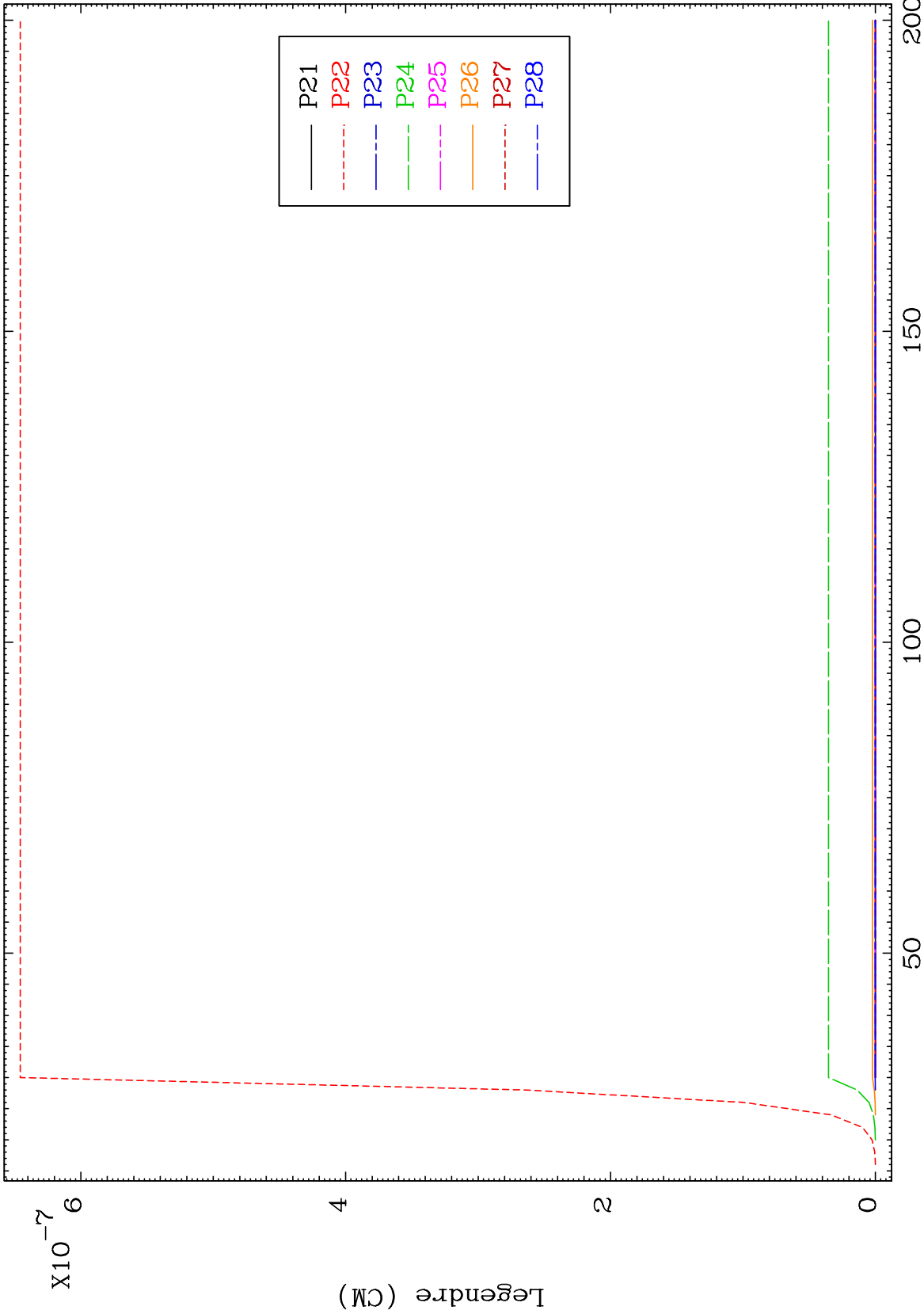
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



75

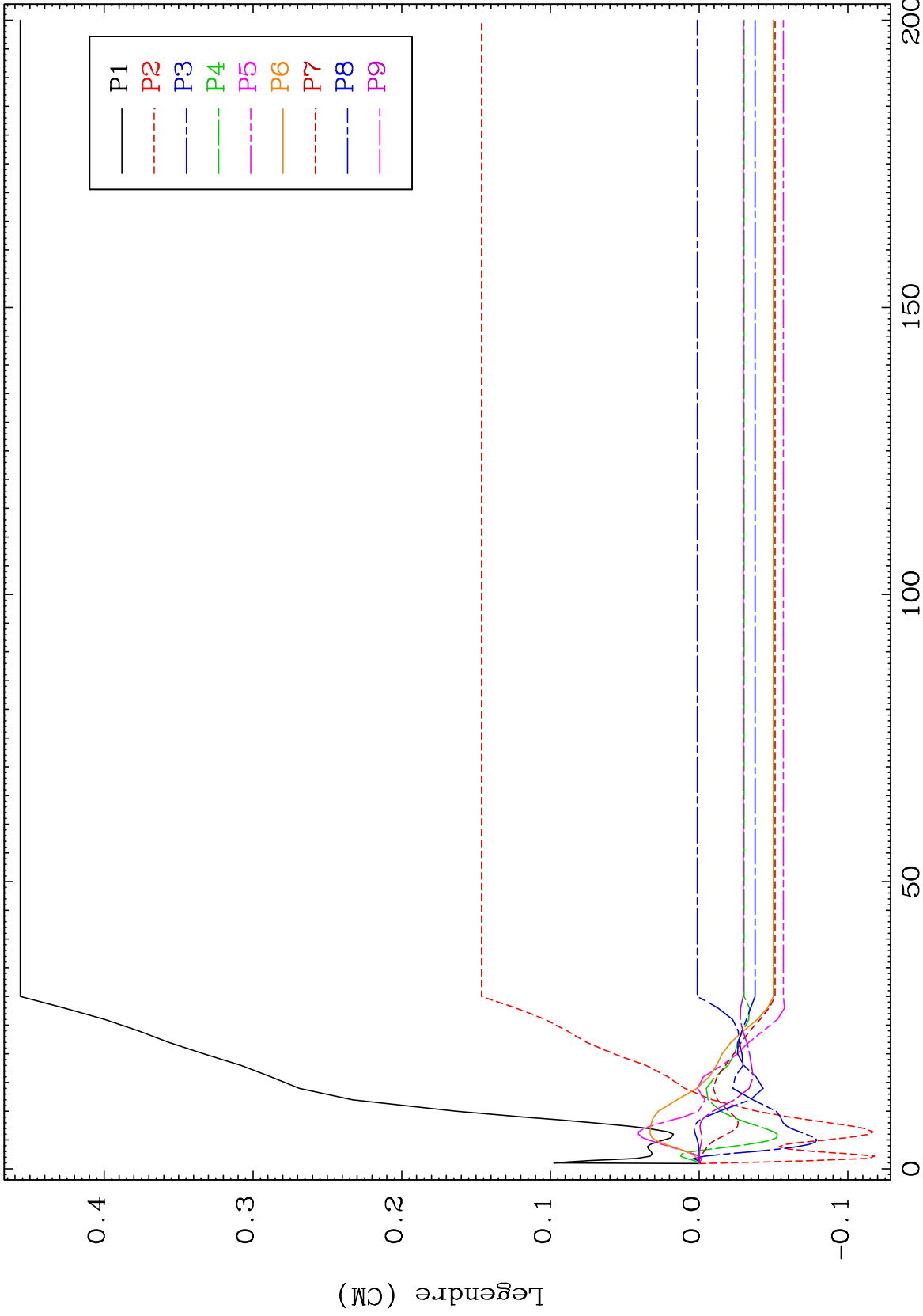
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



76

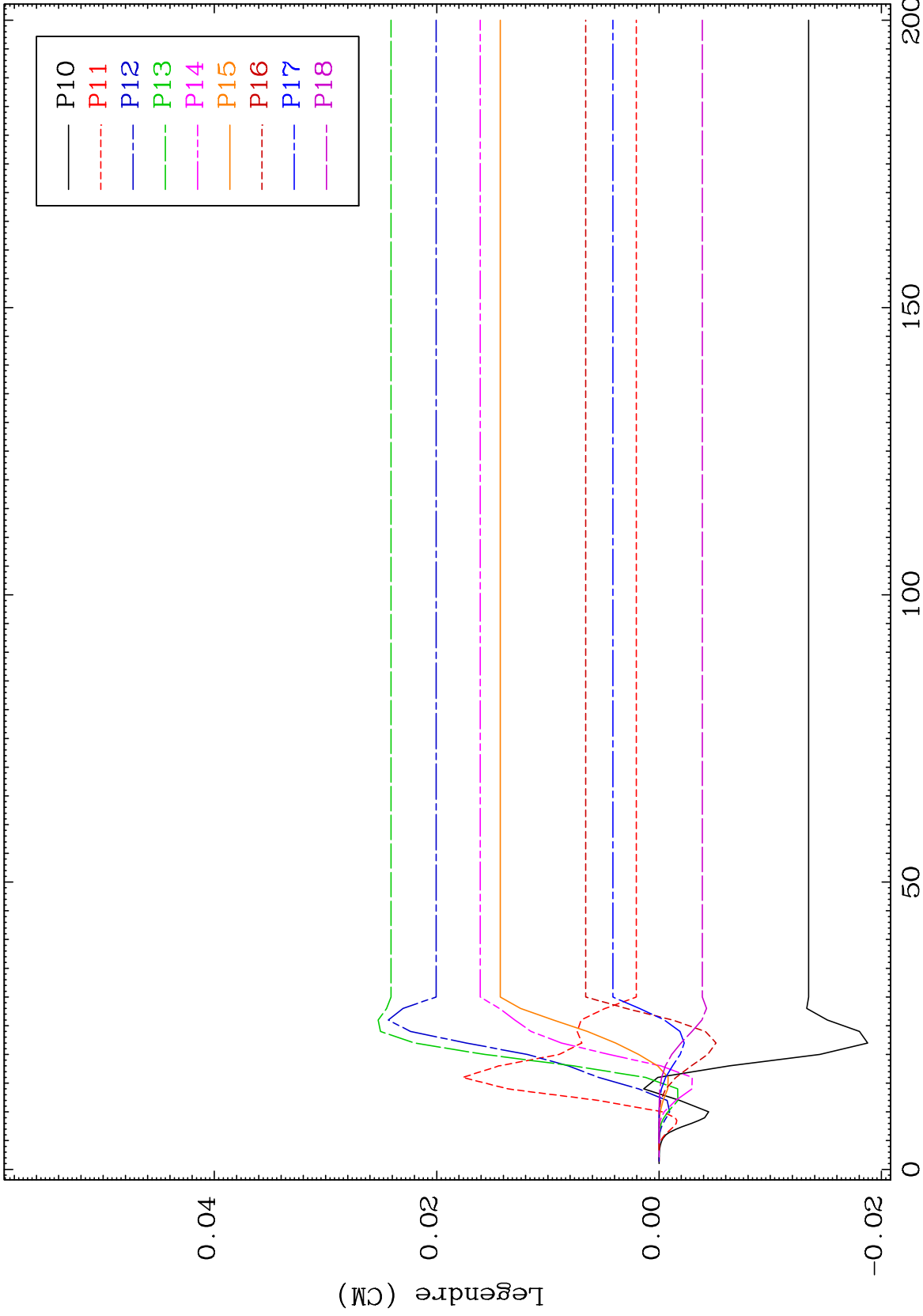
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



77

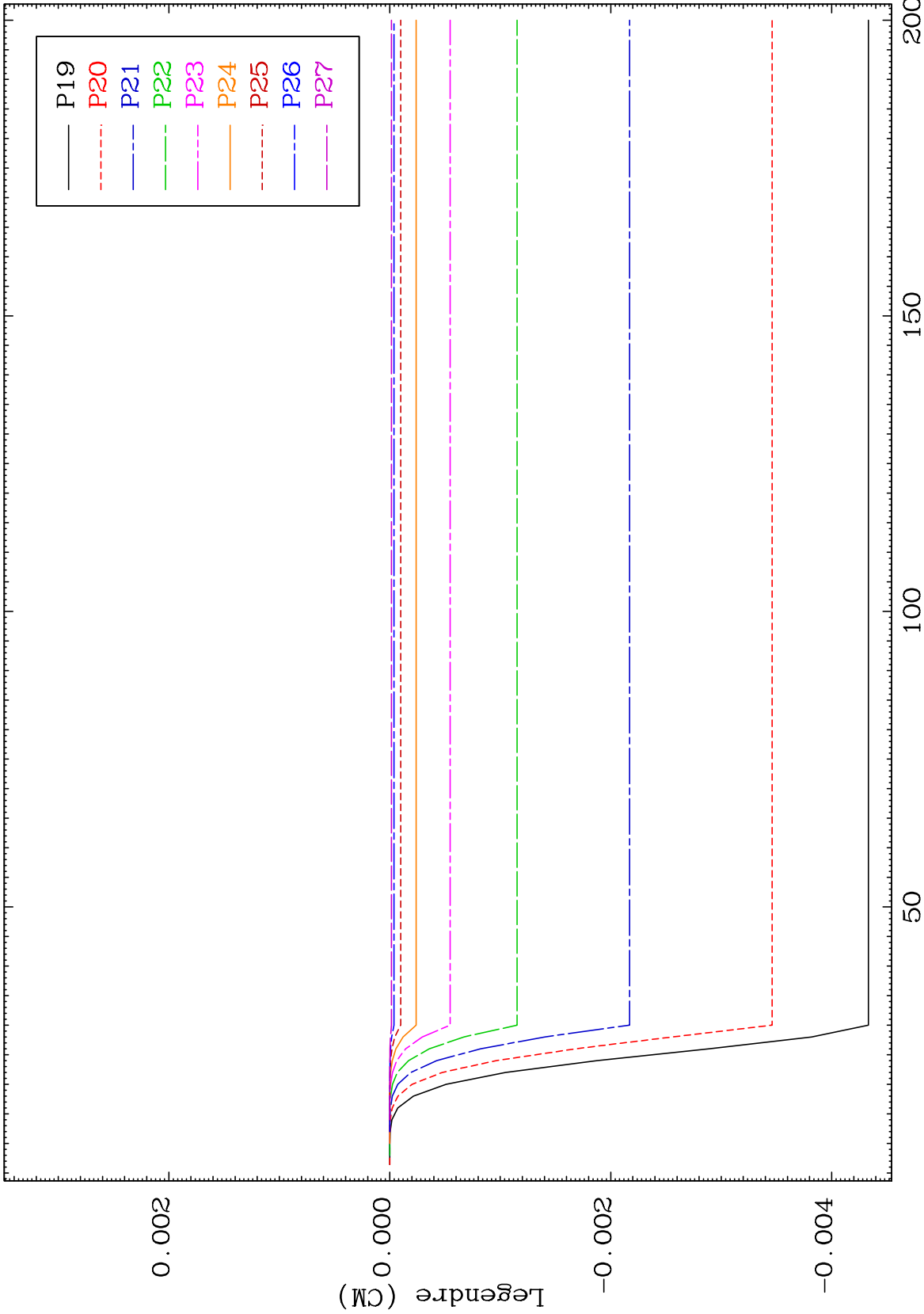
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



78

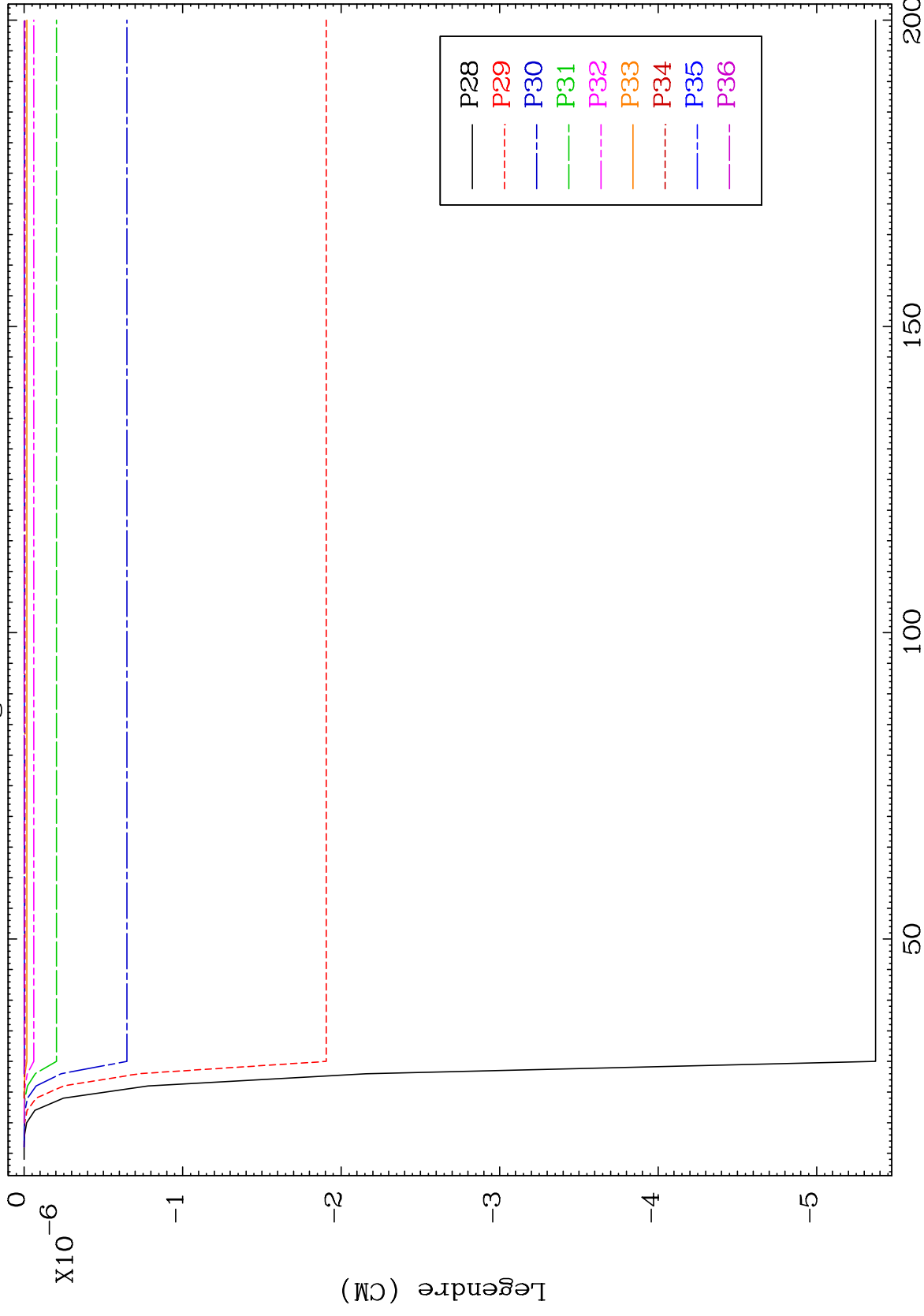
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

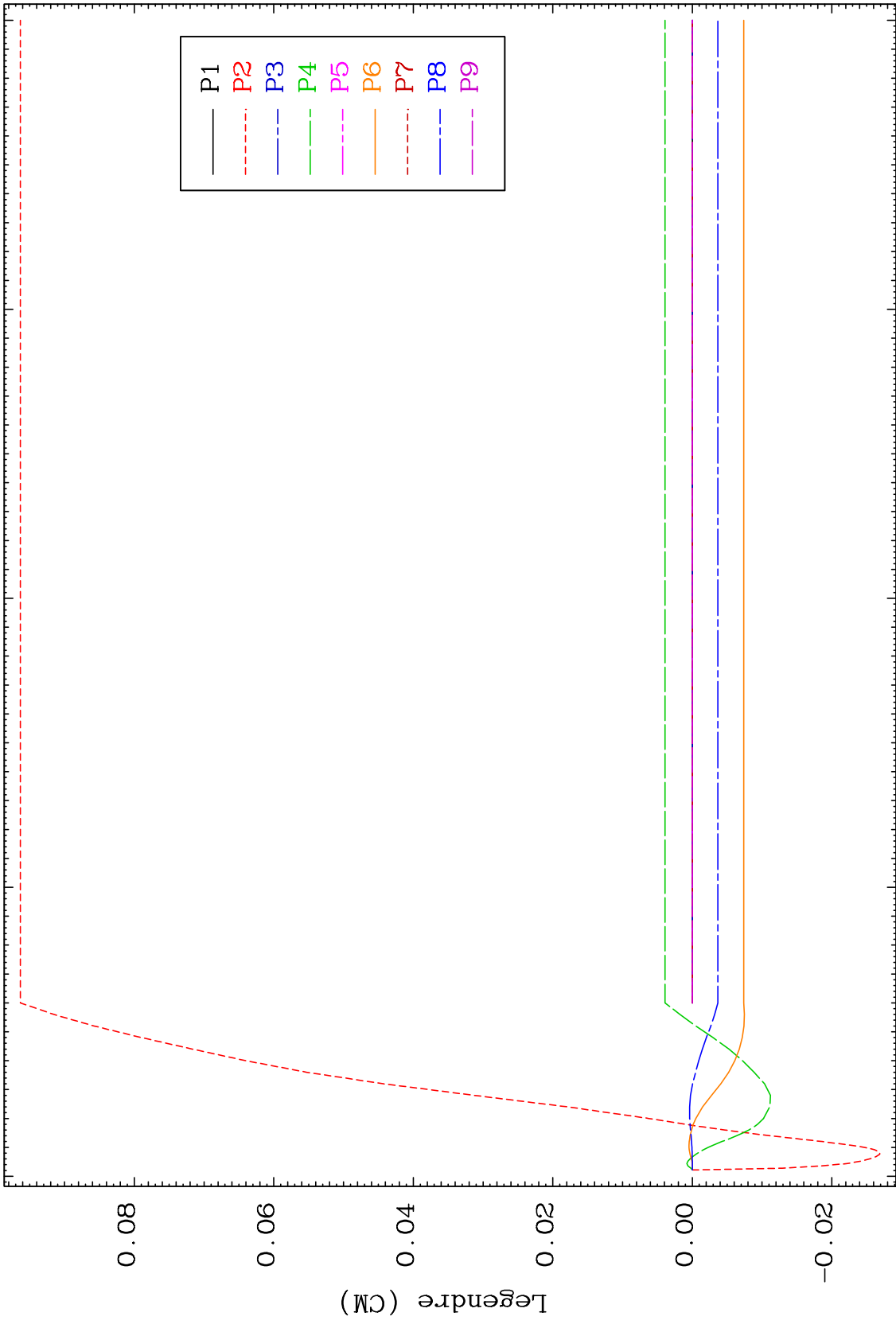


63-Eu-140

Incident Energy (MeV)

79

MAT 6292 MT= 68 (n,n') Level Legendre Coefficients 63-Eu-140

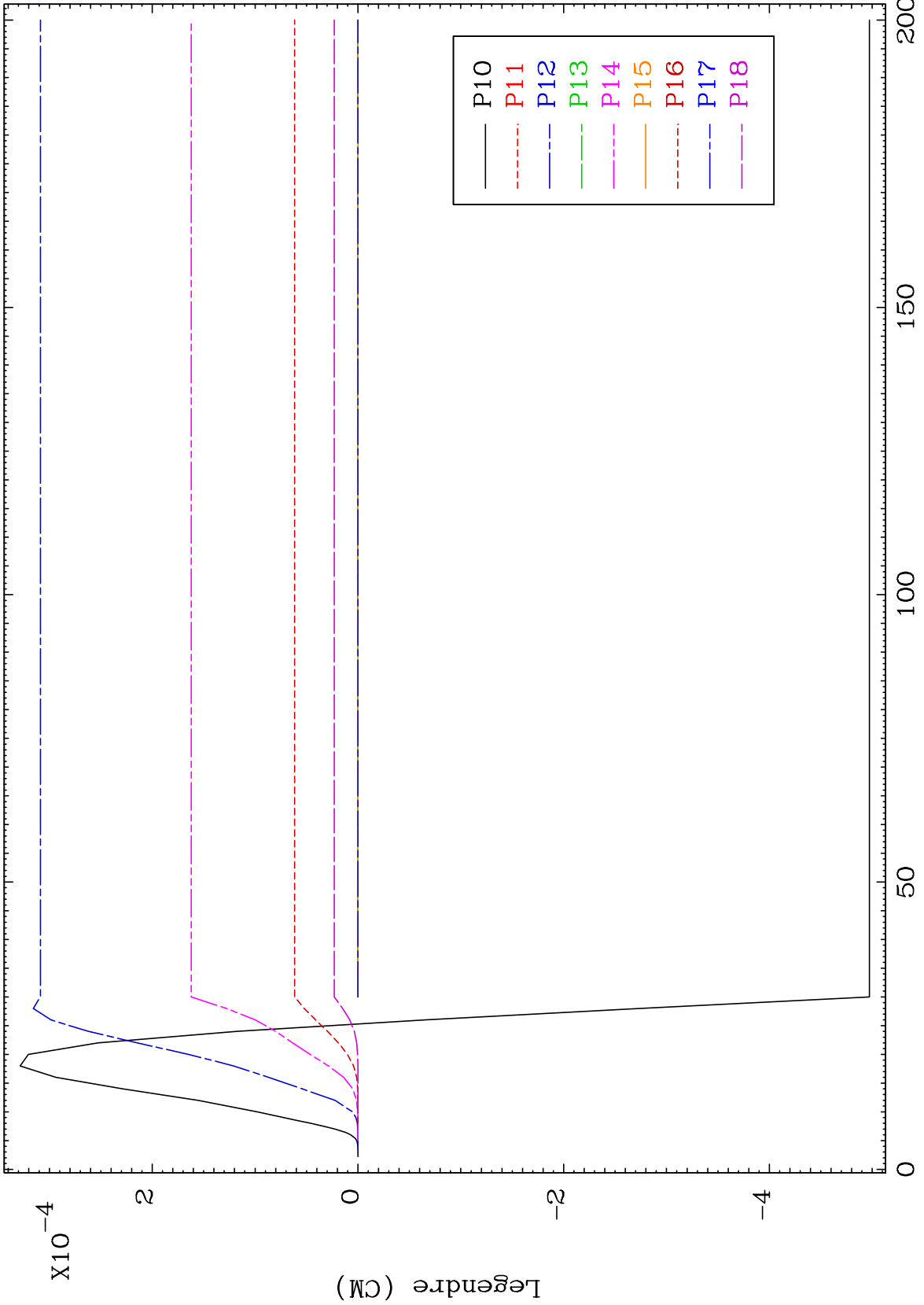


63-Eu-140

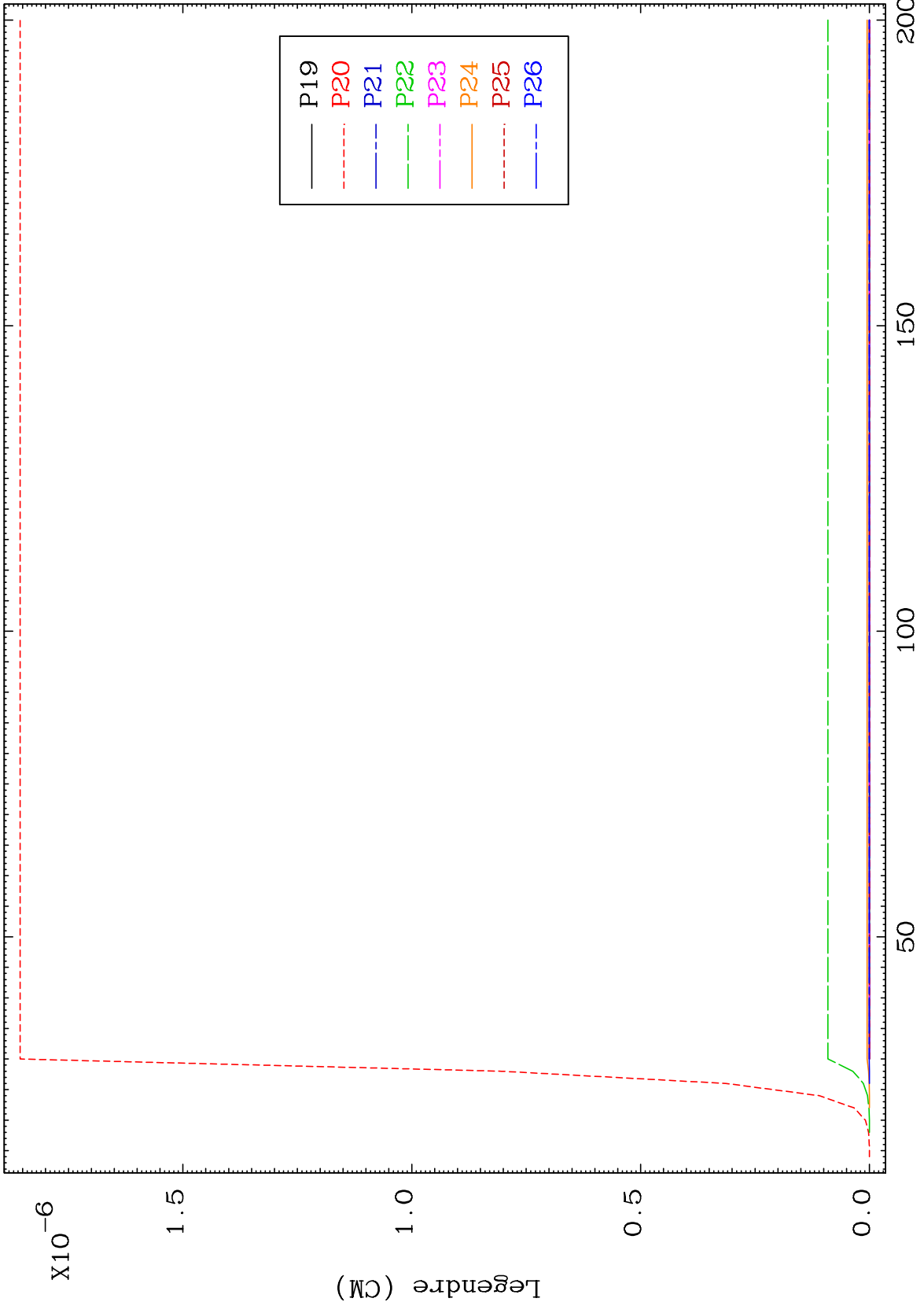
MAT 6292

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

63-Eu-140

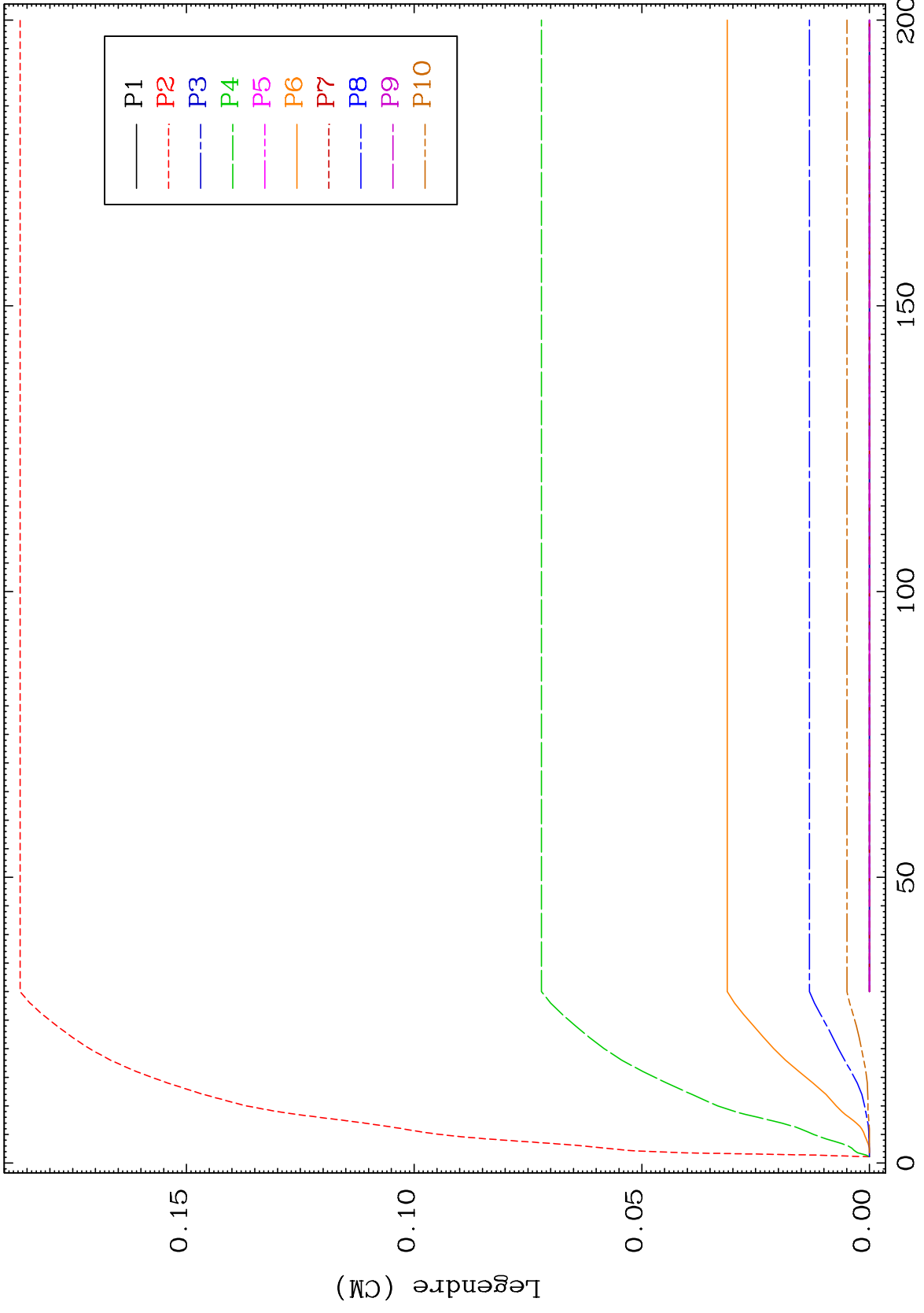


MAT 6292 MT= 68 (n,n') Level Legendre Coefficients 63-Eu-140



82 Incident Energy (MeV) 63-Eu-140

MAT 6292 MT= 69 (n,n') Level Legendre Coefficients 63-Eu-140

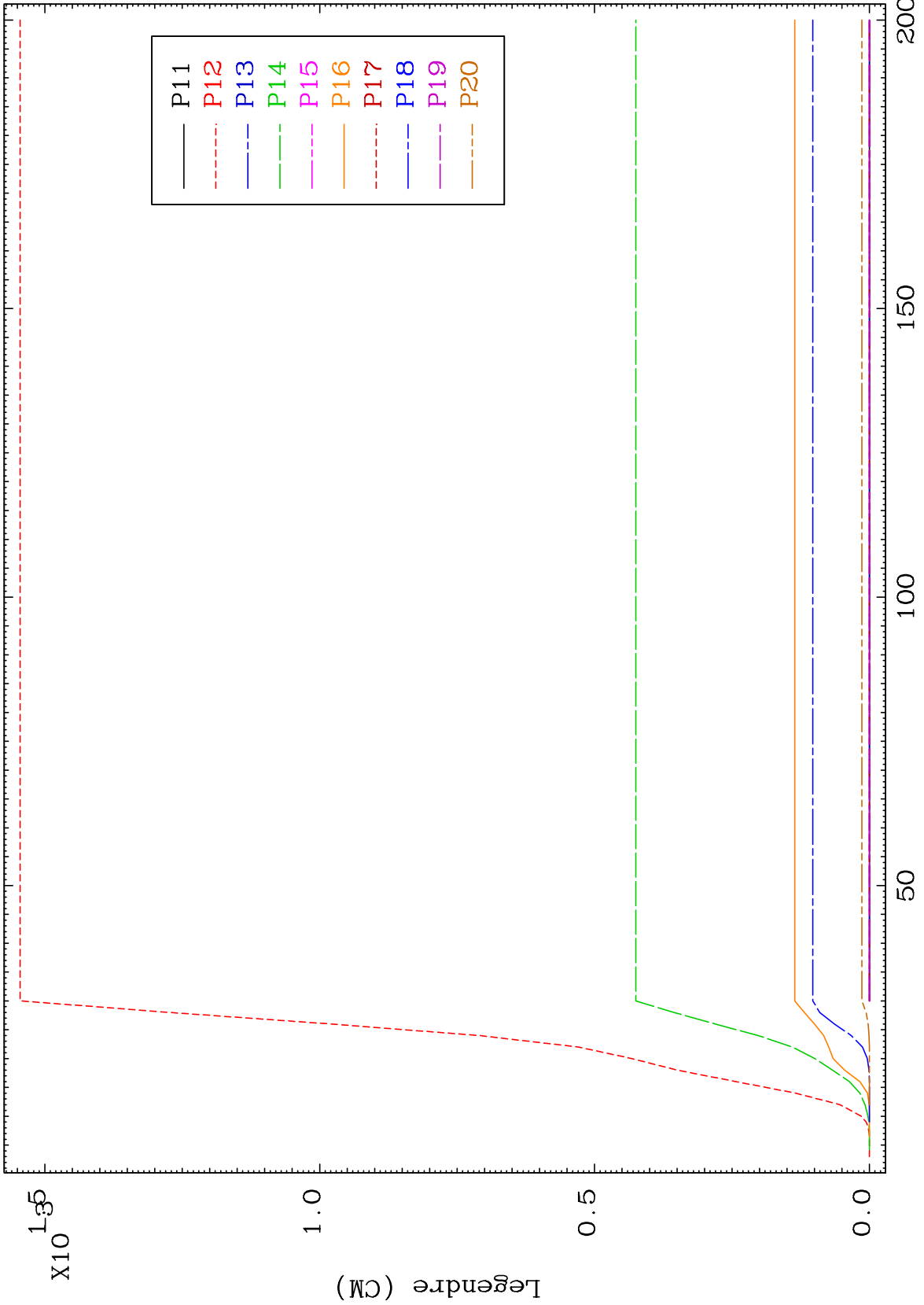


83 63-Eu-140

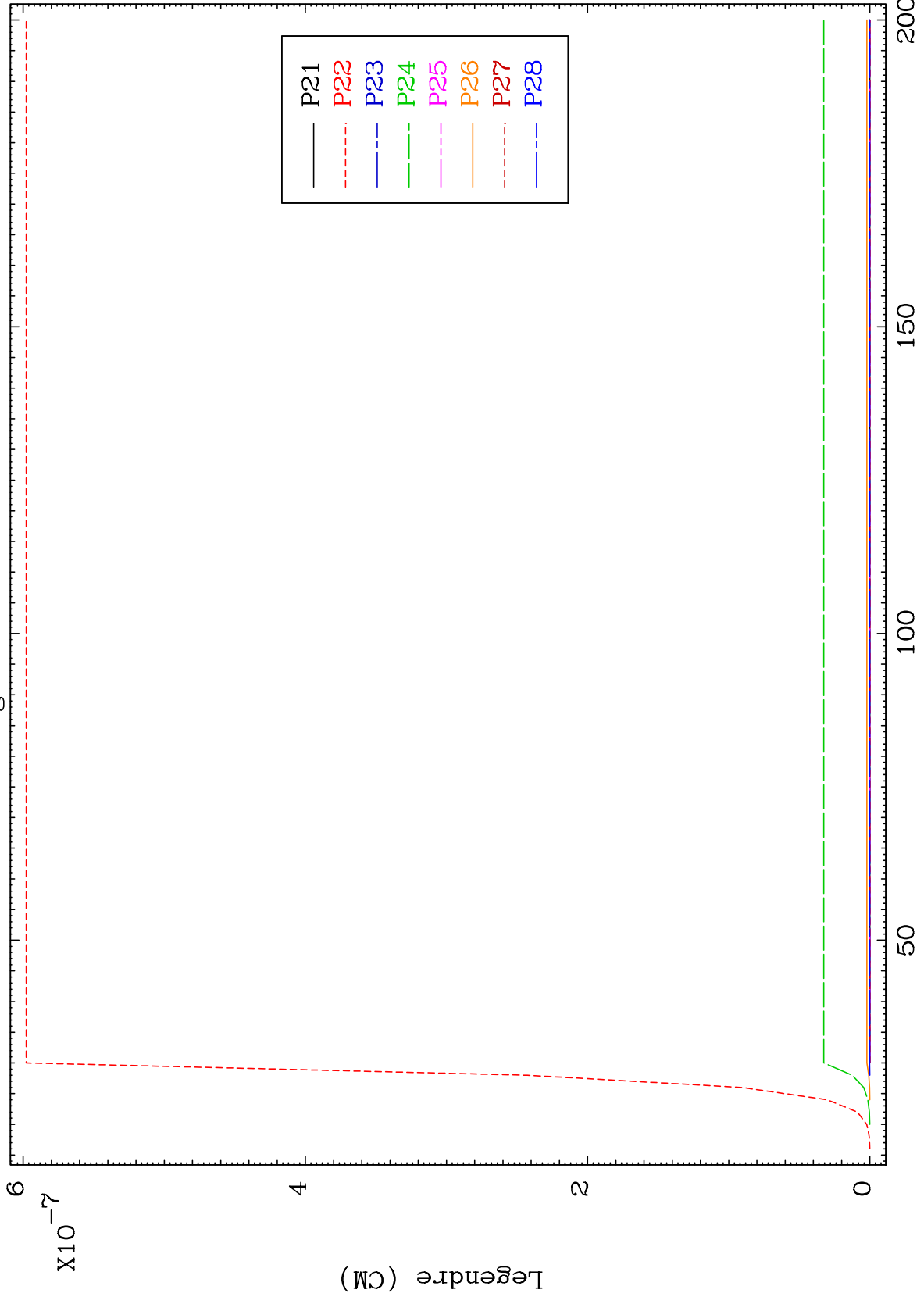
MAT 6292

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

63-Eu-140

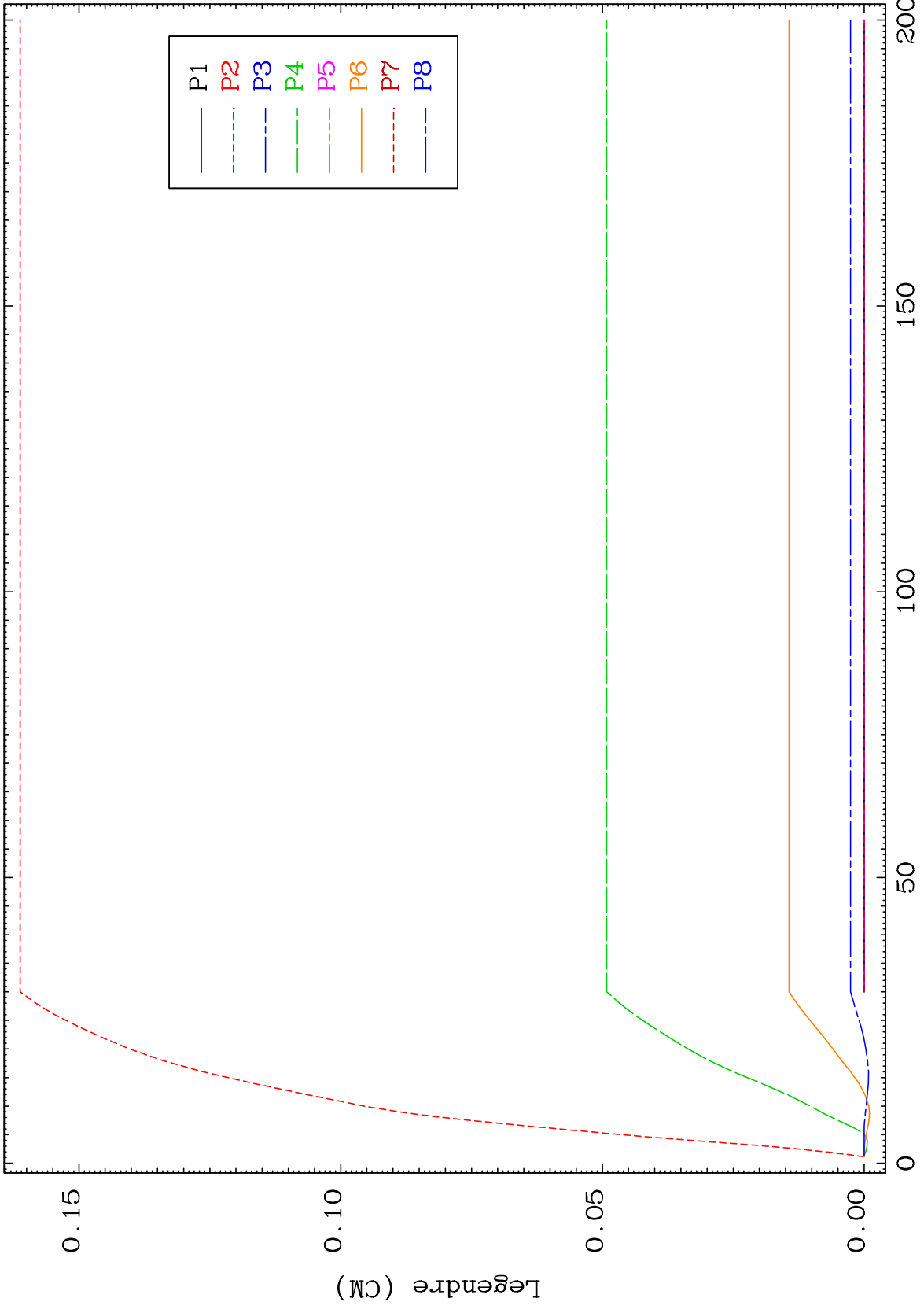


MAT 6292 MT= 69 (n,n') Level Legendre Coefficients 63-Eu-140



85 50 100 150 200 63-Eu-140

MAT 6292 MT= 70 (n,n') Level Legendre Coefficients 63-Eu-140

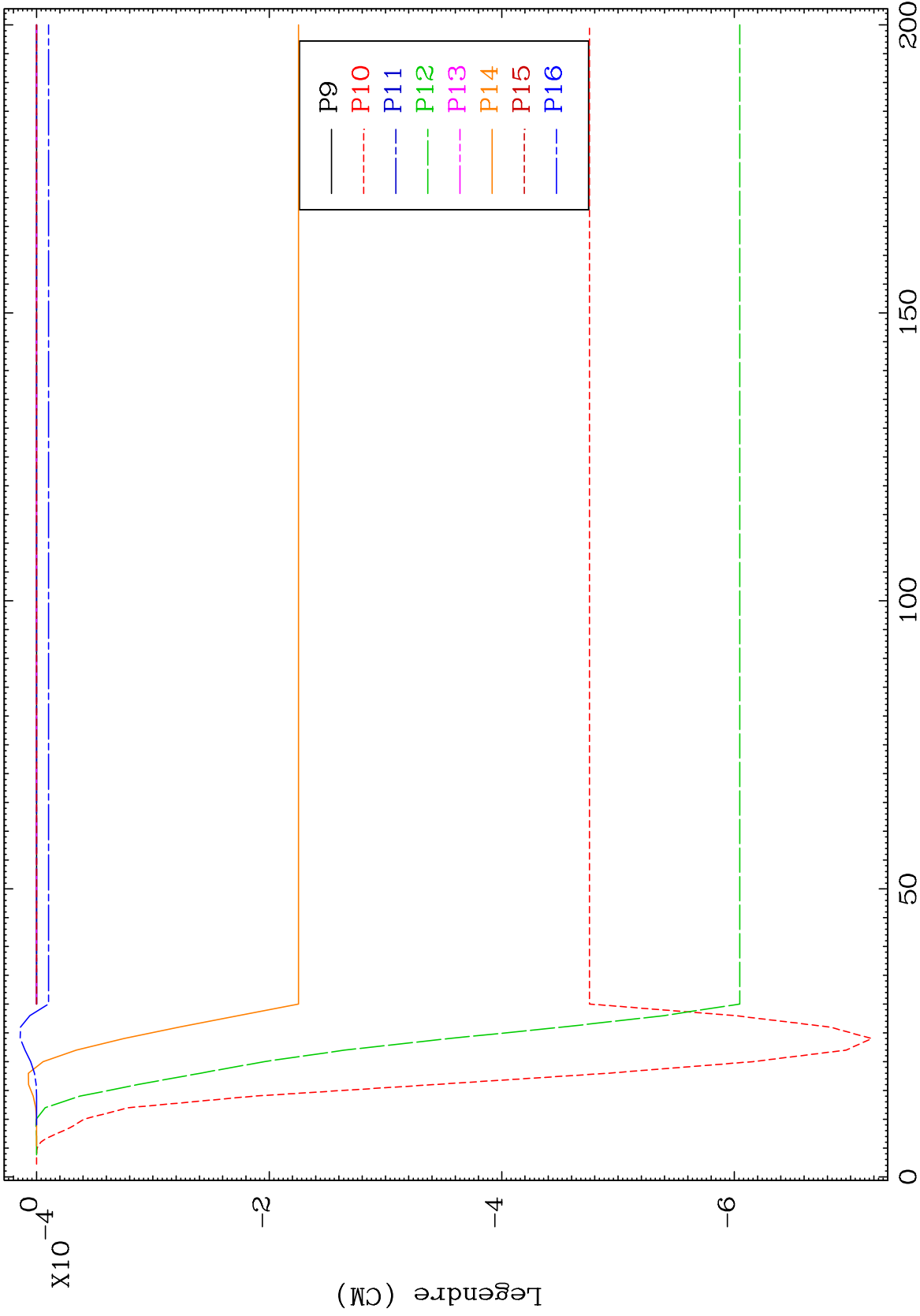


86 63-Eu-140

MAT 6292

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

63-Eu-140



87

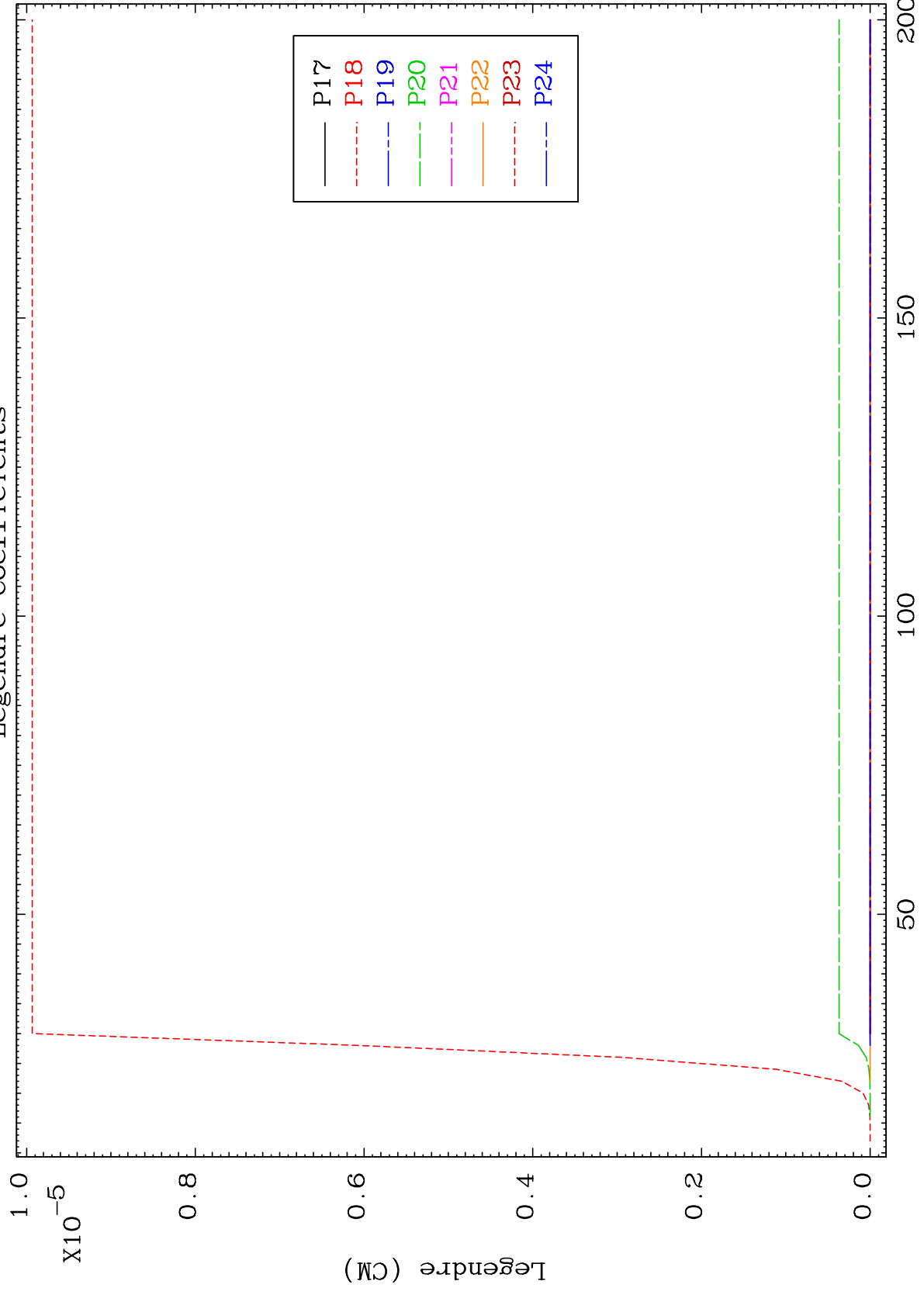
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



63-Eu-140

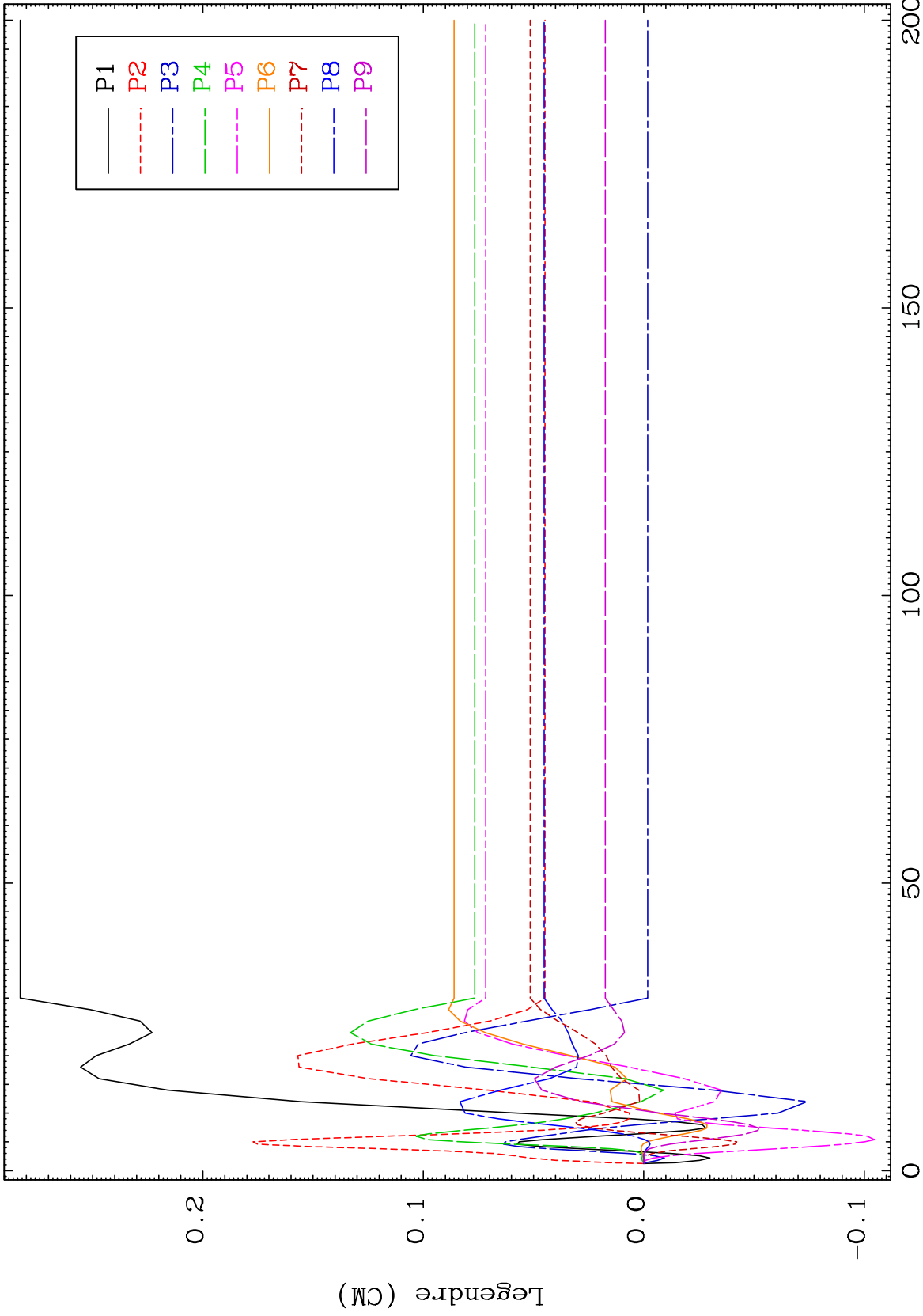
Incident Energy (MeV)

88

MAT 6292

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

63-Eu-140



89

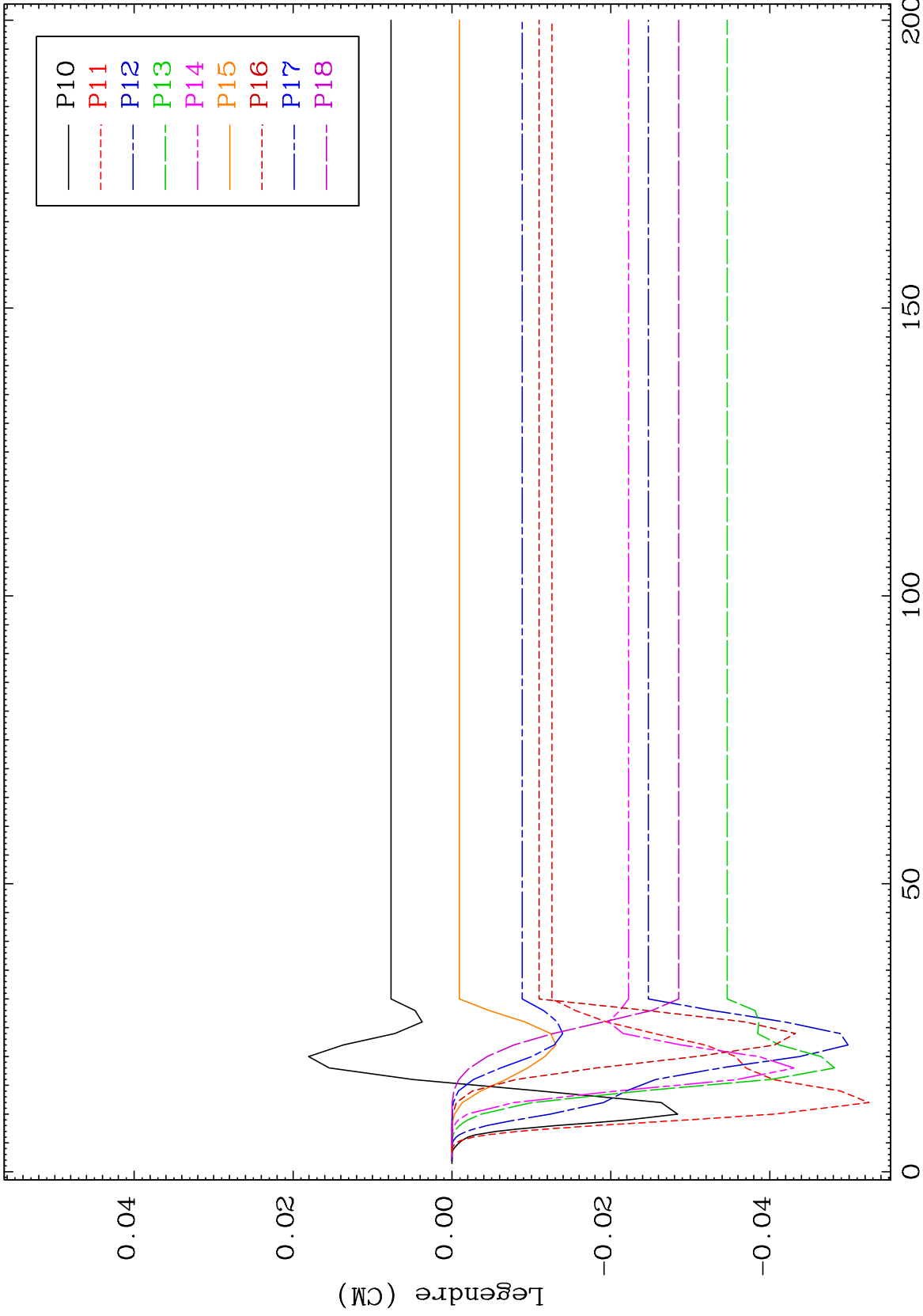
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

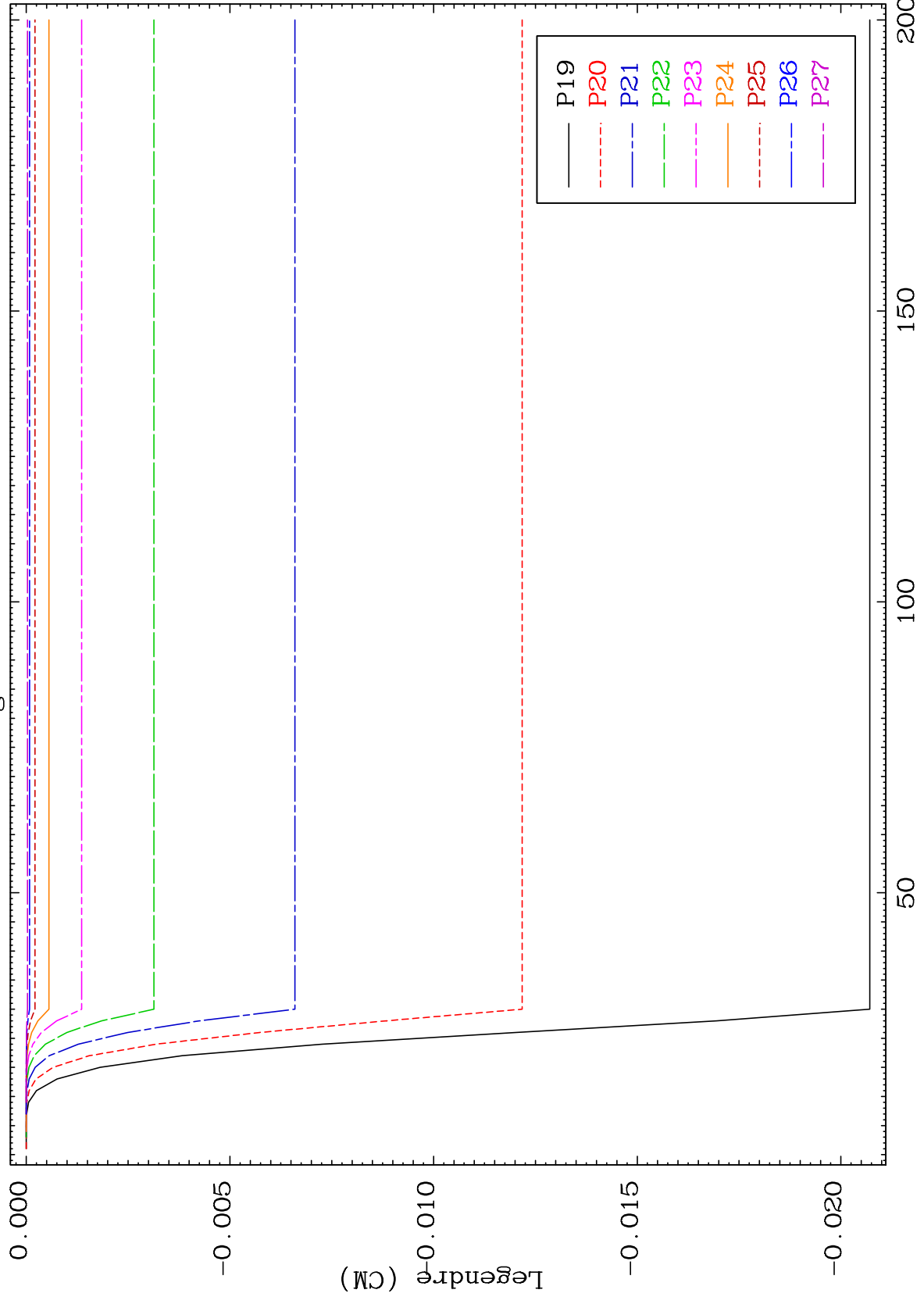


90

Incident Energy (MeV)

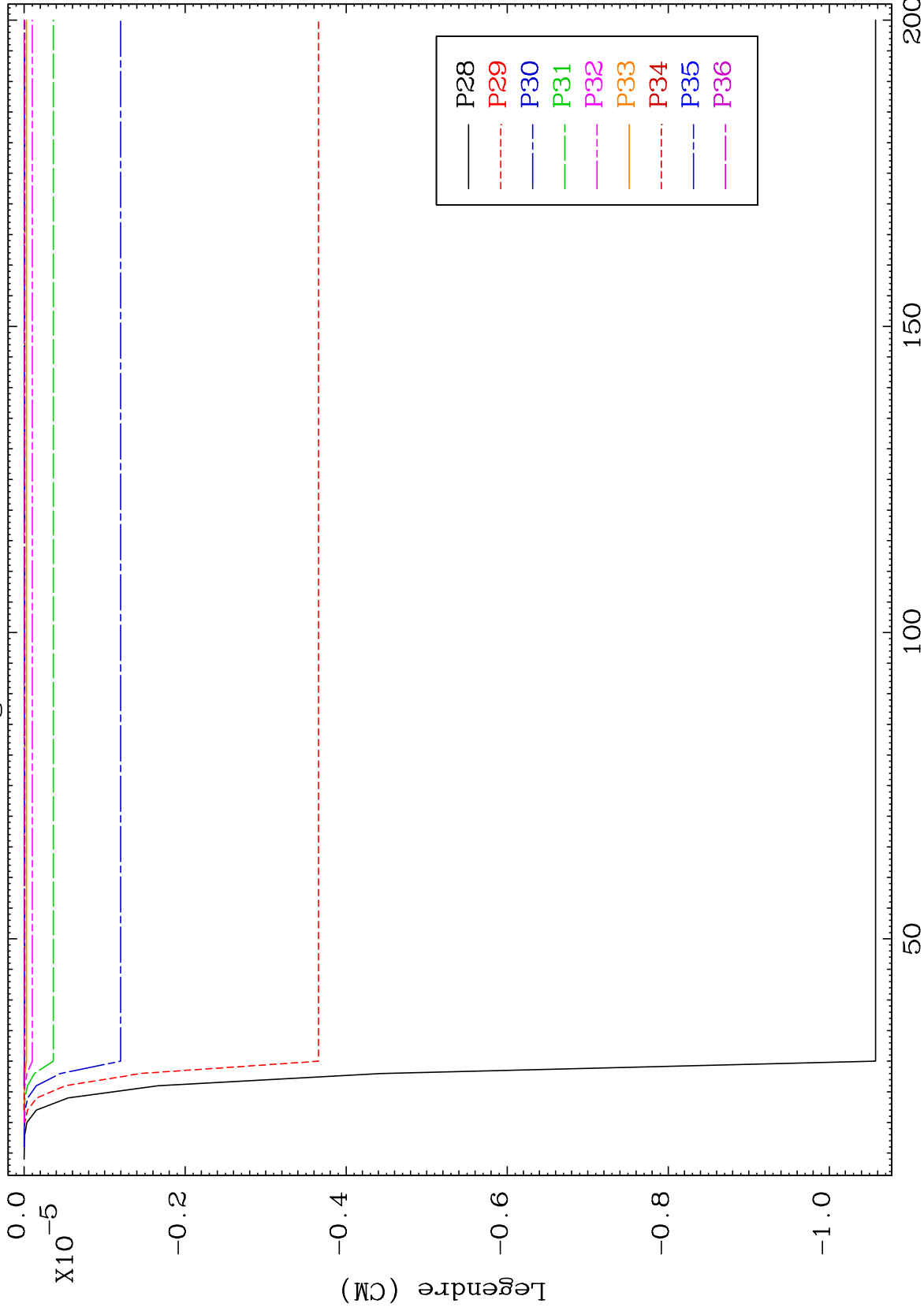
63-Eu-140

MAT 6292 MT= 71 (n,n') Level Legendre Coefficients 63-Eu-140



MAT 6292 MT= 71 (n,n') Level 63-Eu-140

Legendre Coefficients



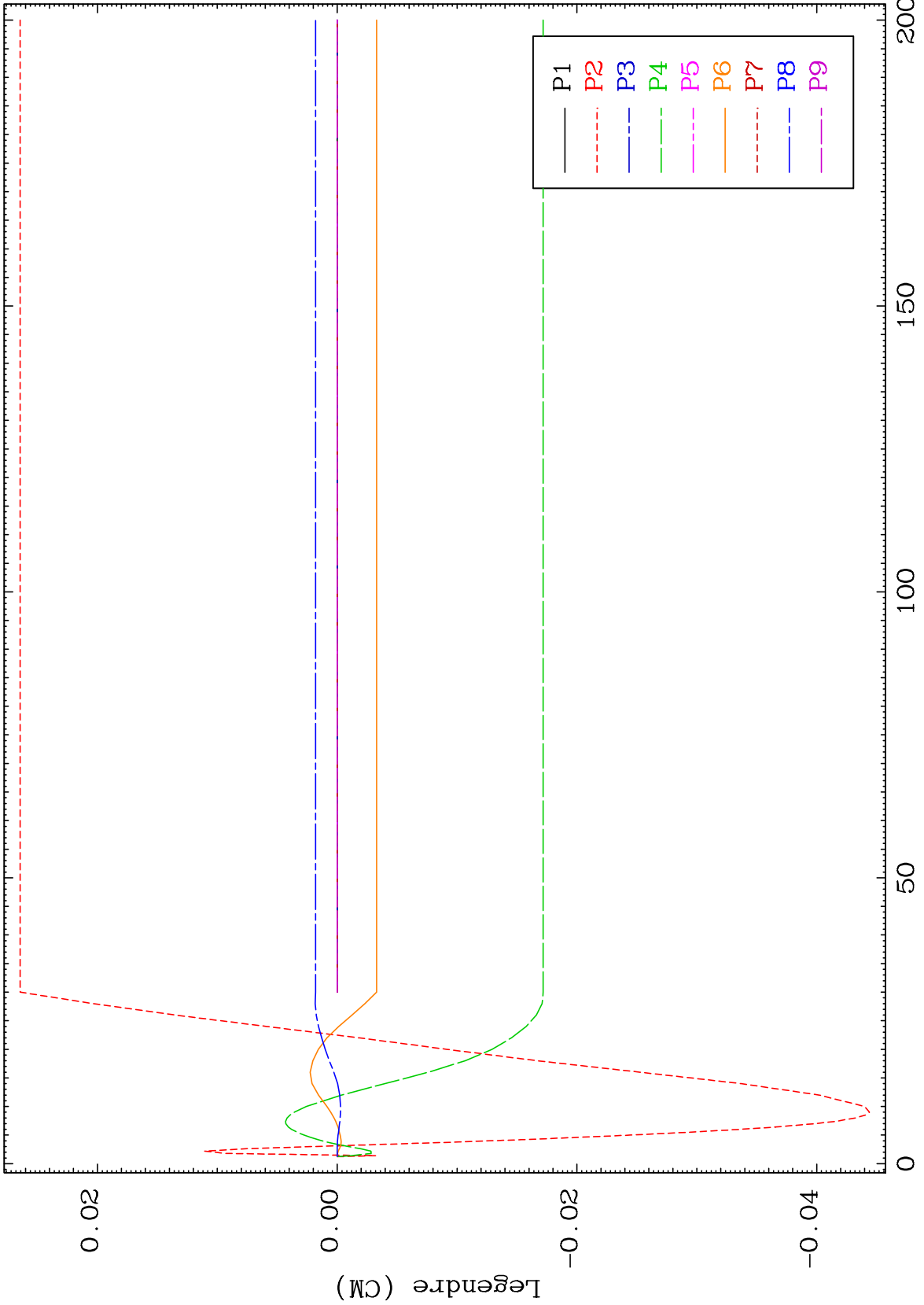
92

63-Eu-140

MAT 6292

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

63-Eu-140



93

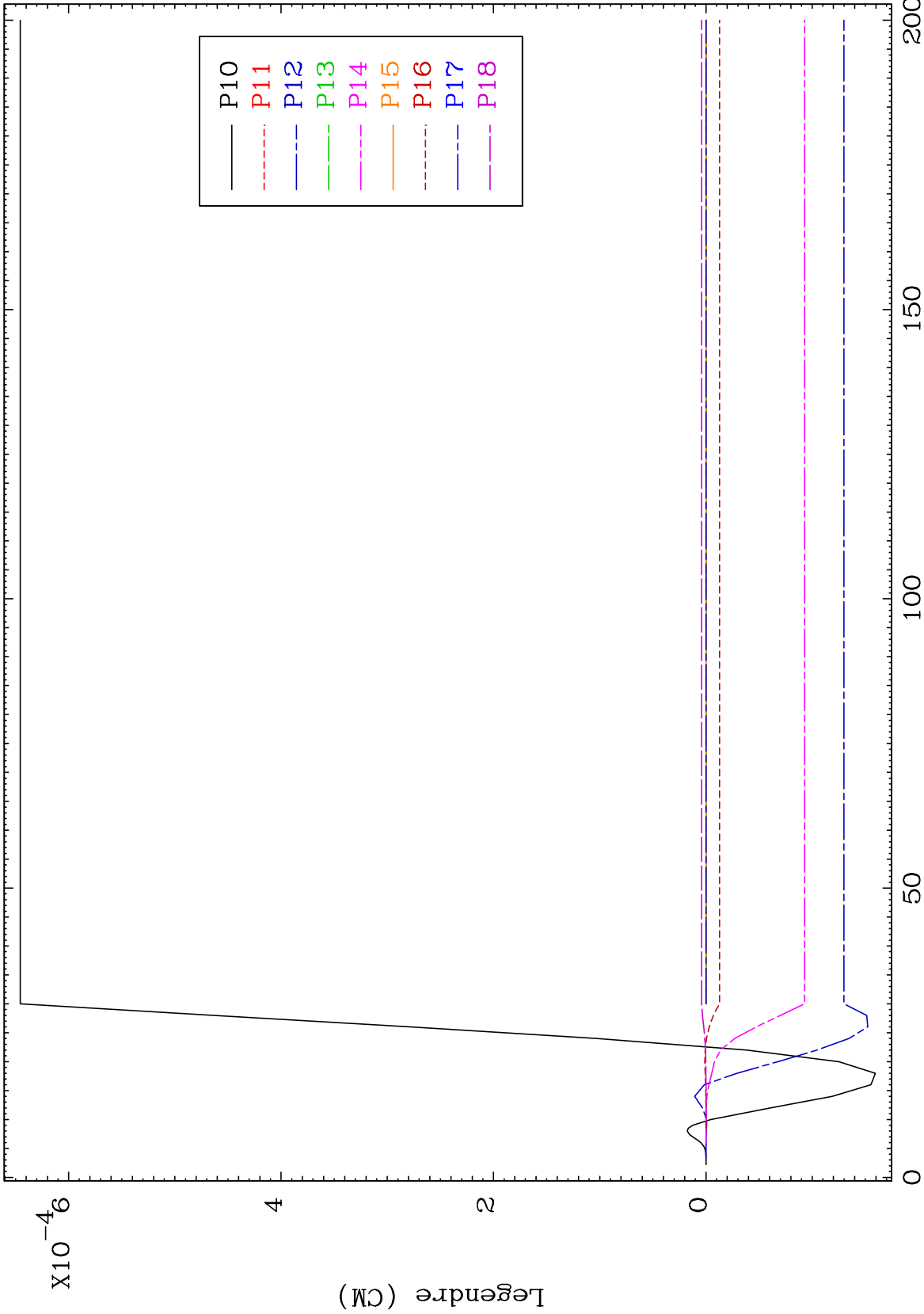
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



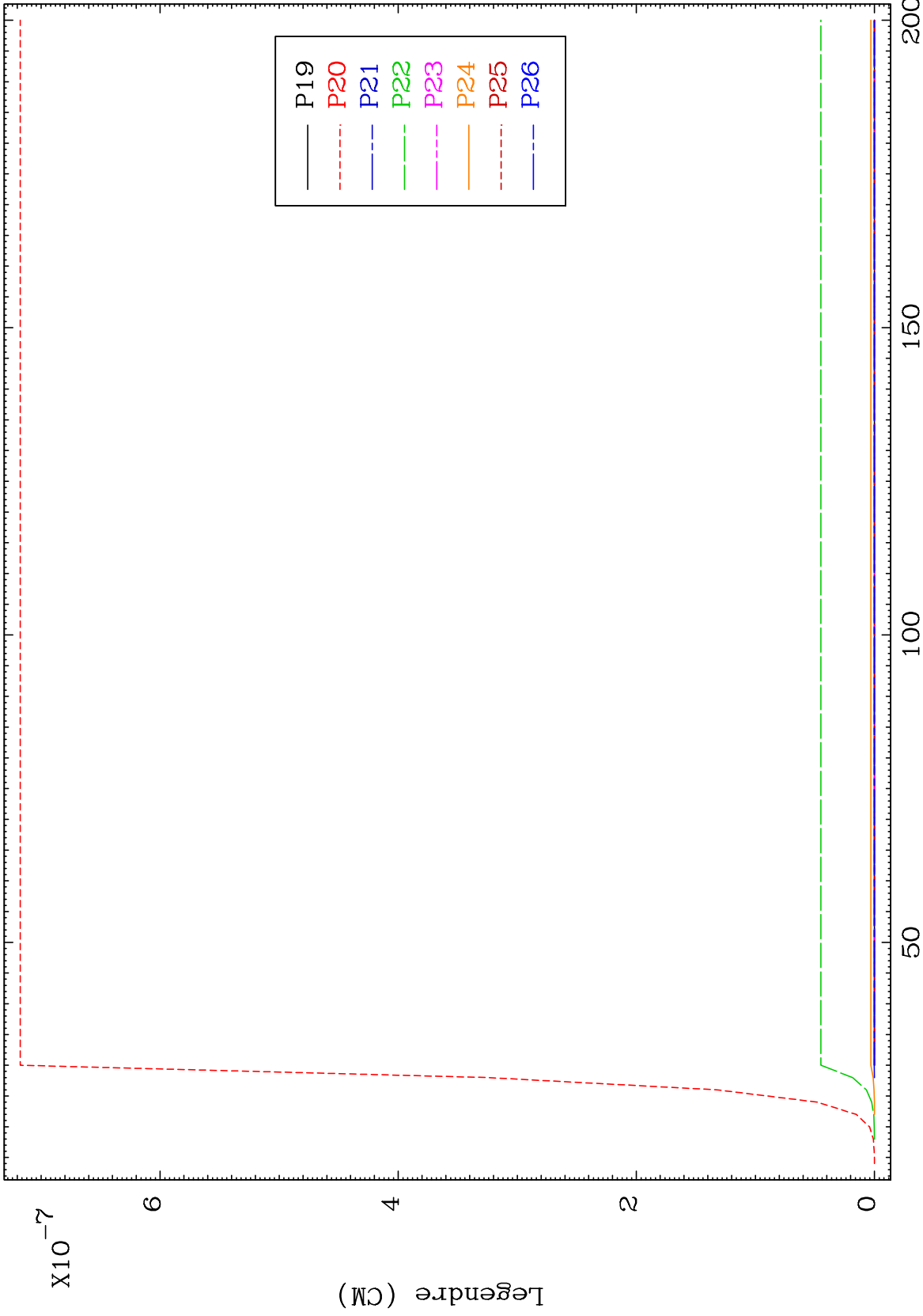
94

63-Eu-140

MAT 6292

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

63-Eu-140



95

Incident Energy (MeV)

50

100

150

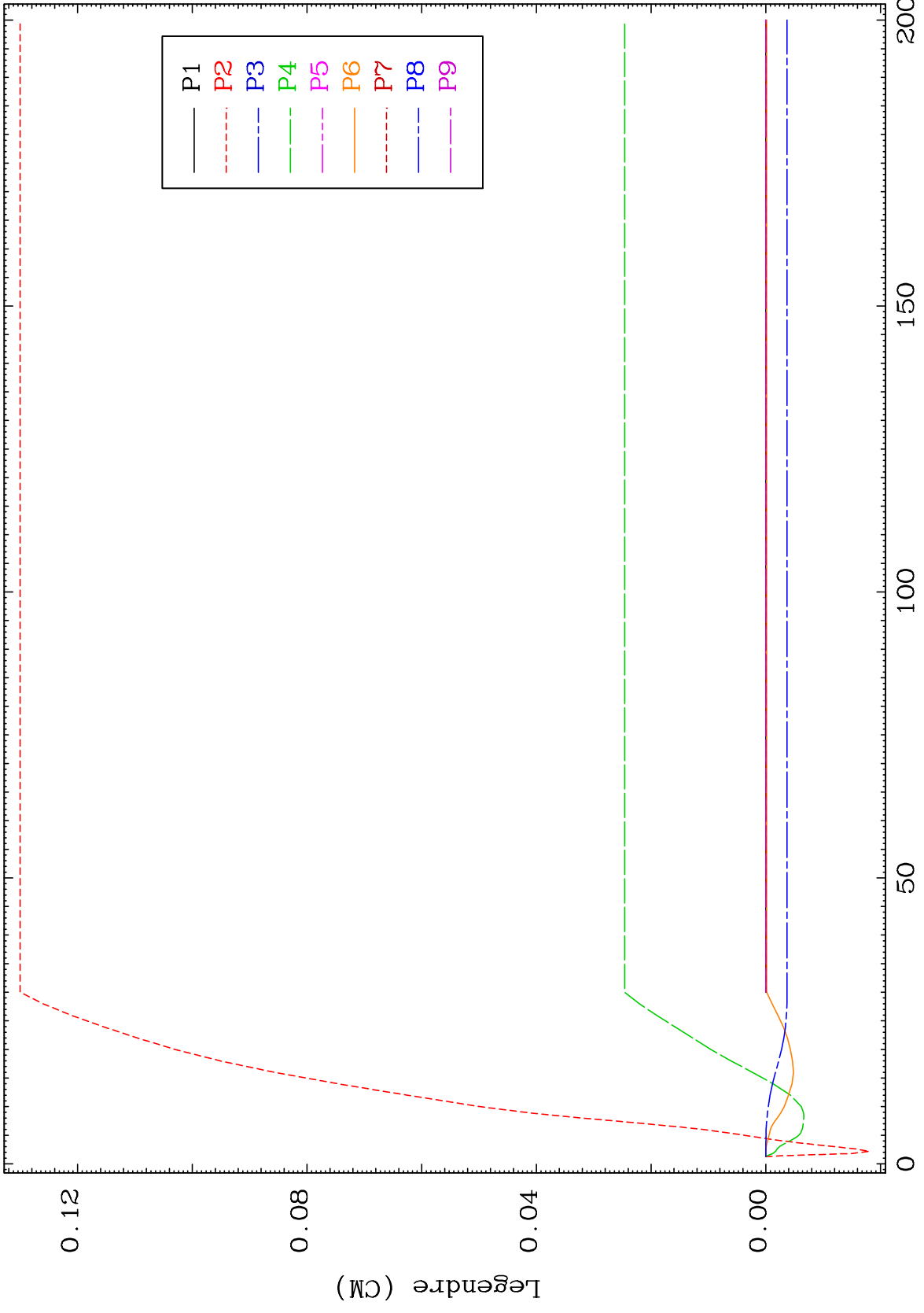
200

63-Eu-140

MAT 6292

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

63-Eu-140



96

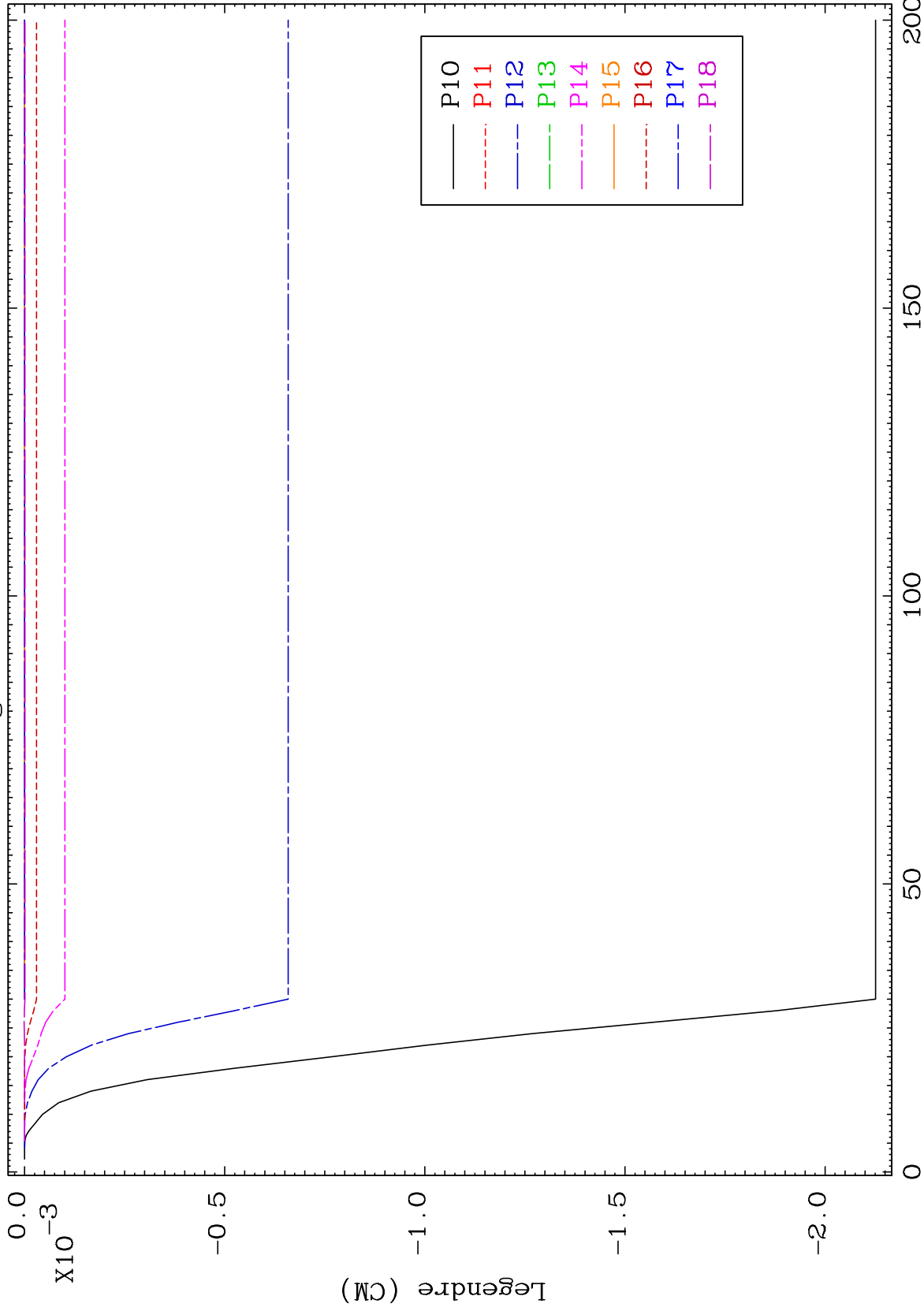
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



63-Eu-140

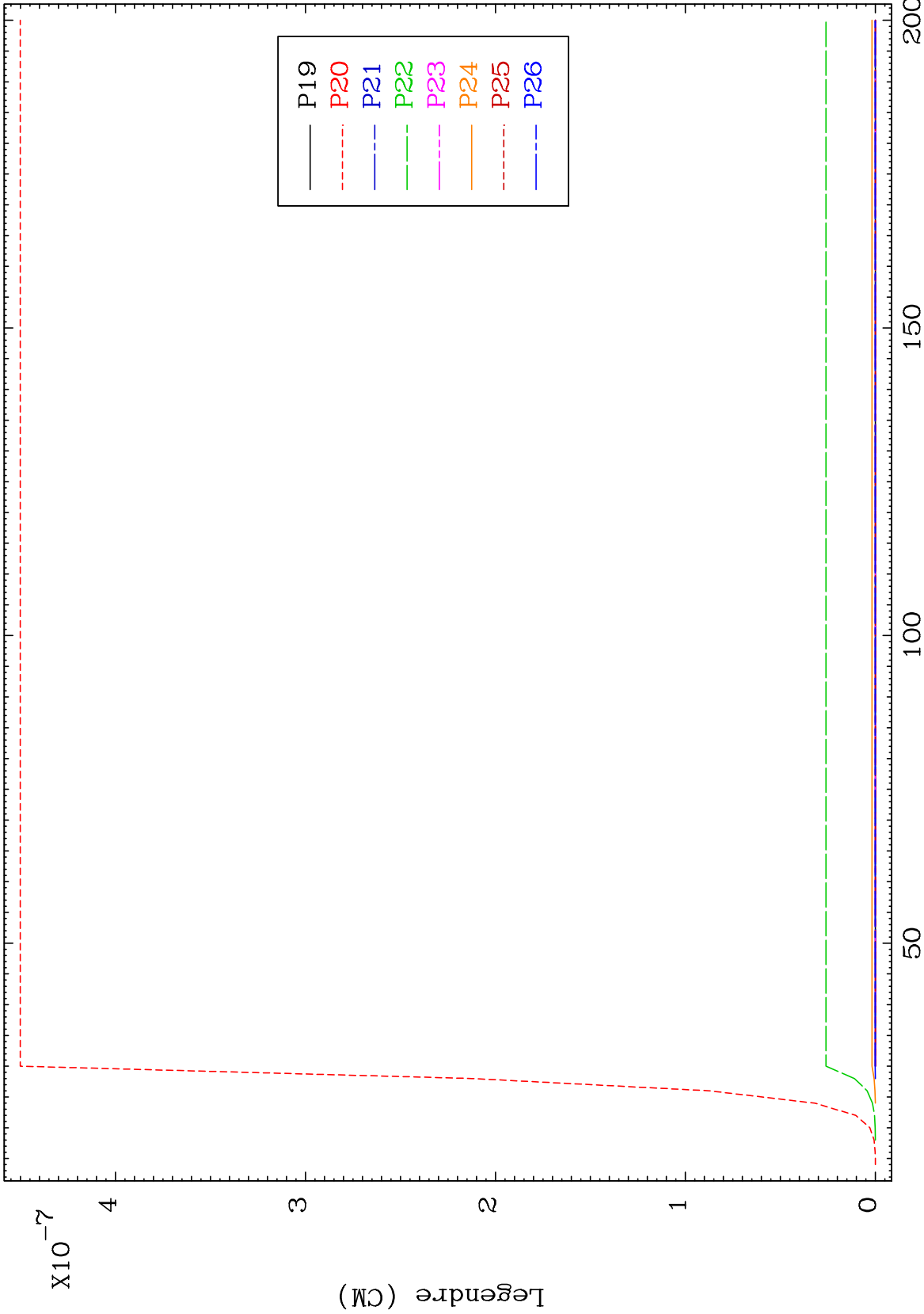
Incident Energy (MeV)

97

MAT 6292

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

63-Eu-140



98

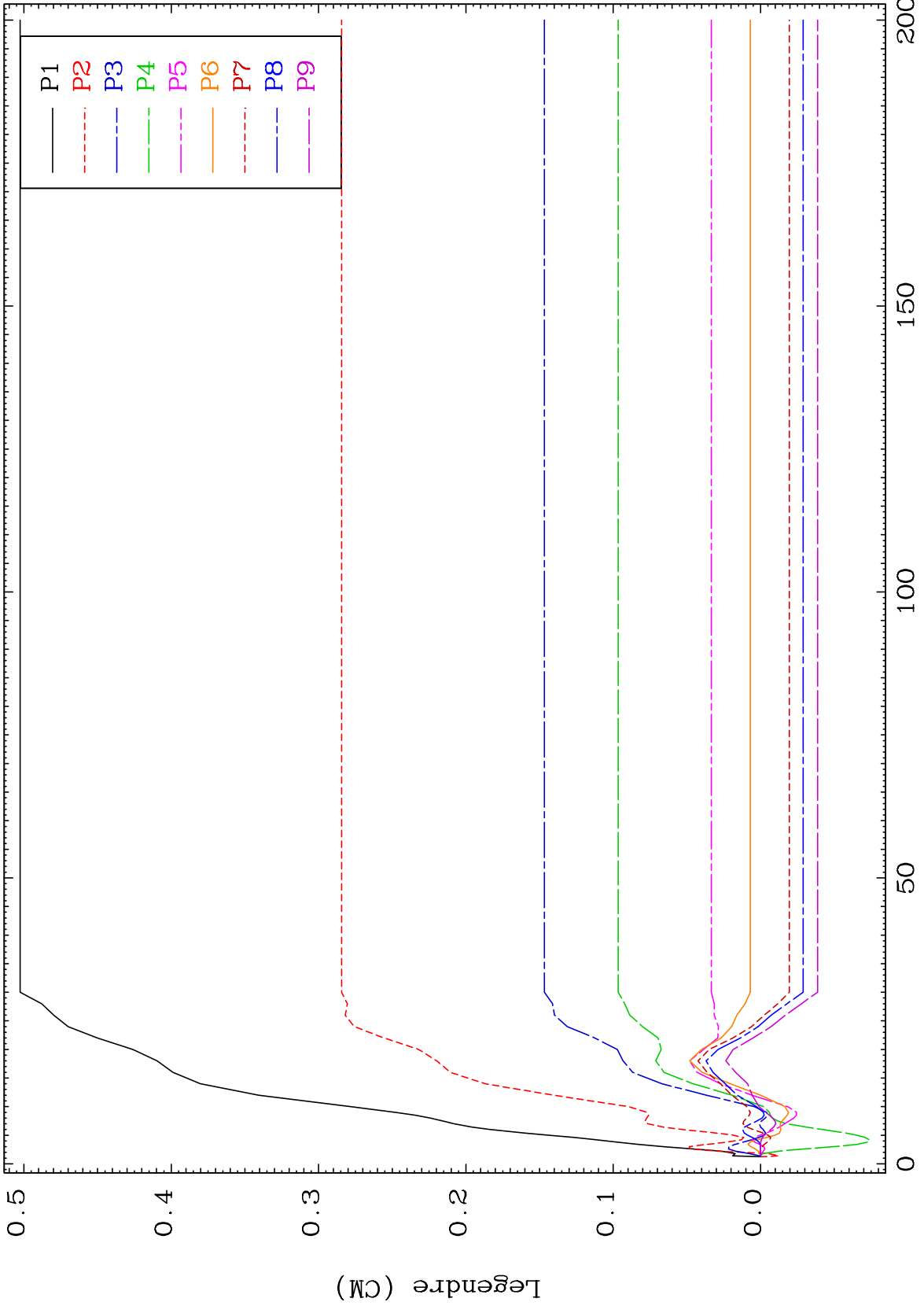
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



99

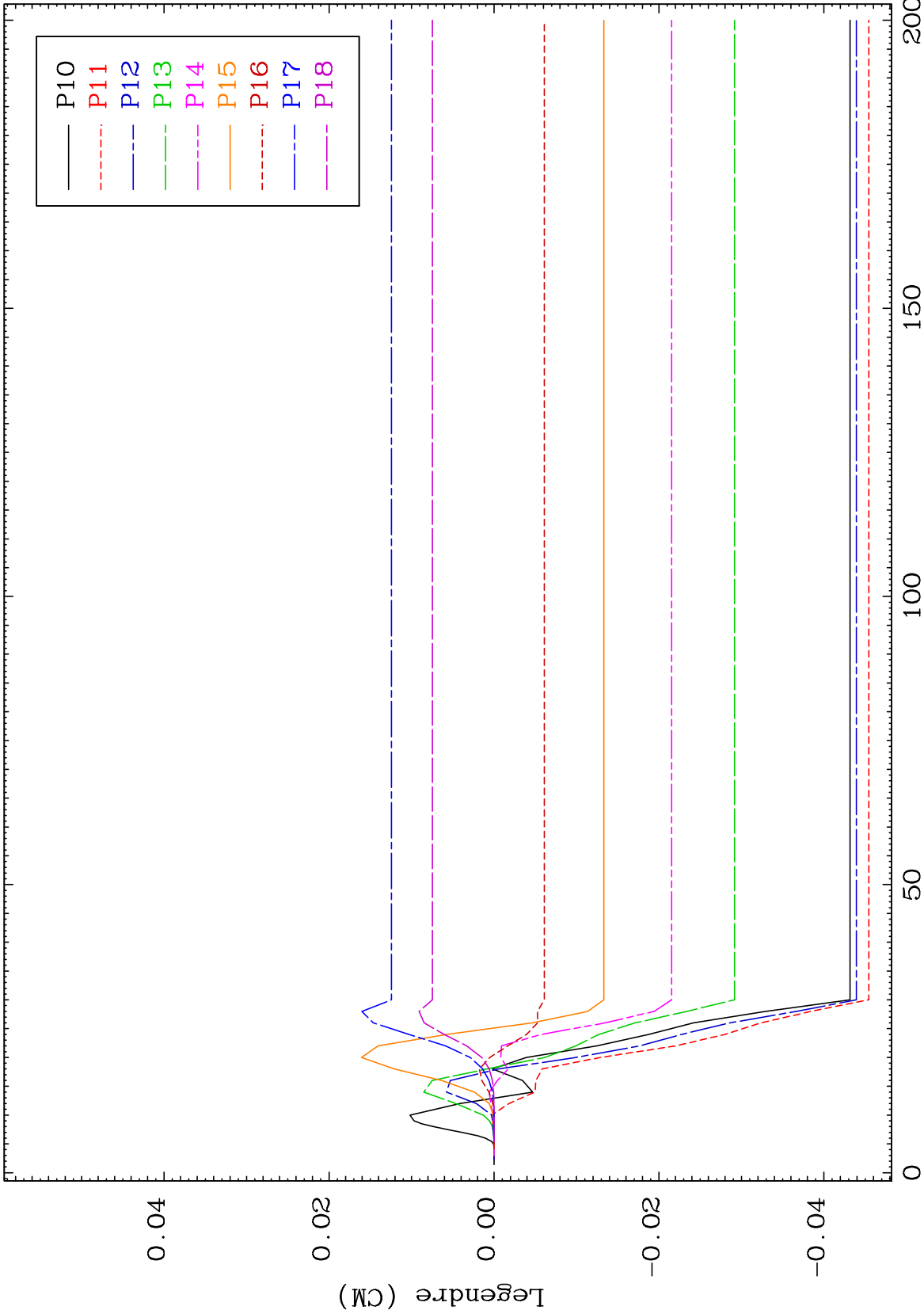
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



63-Eu-140

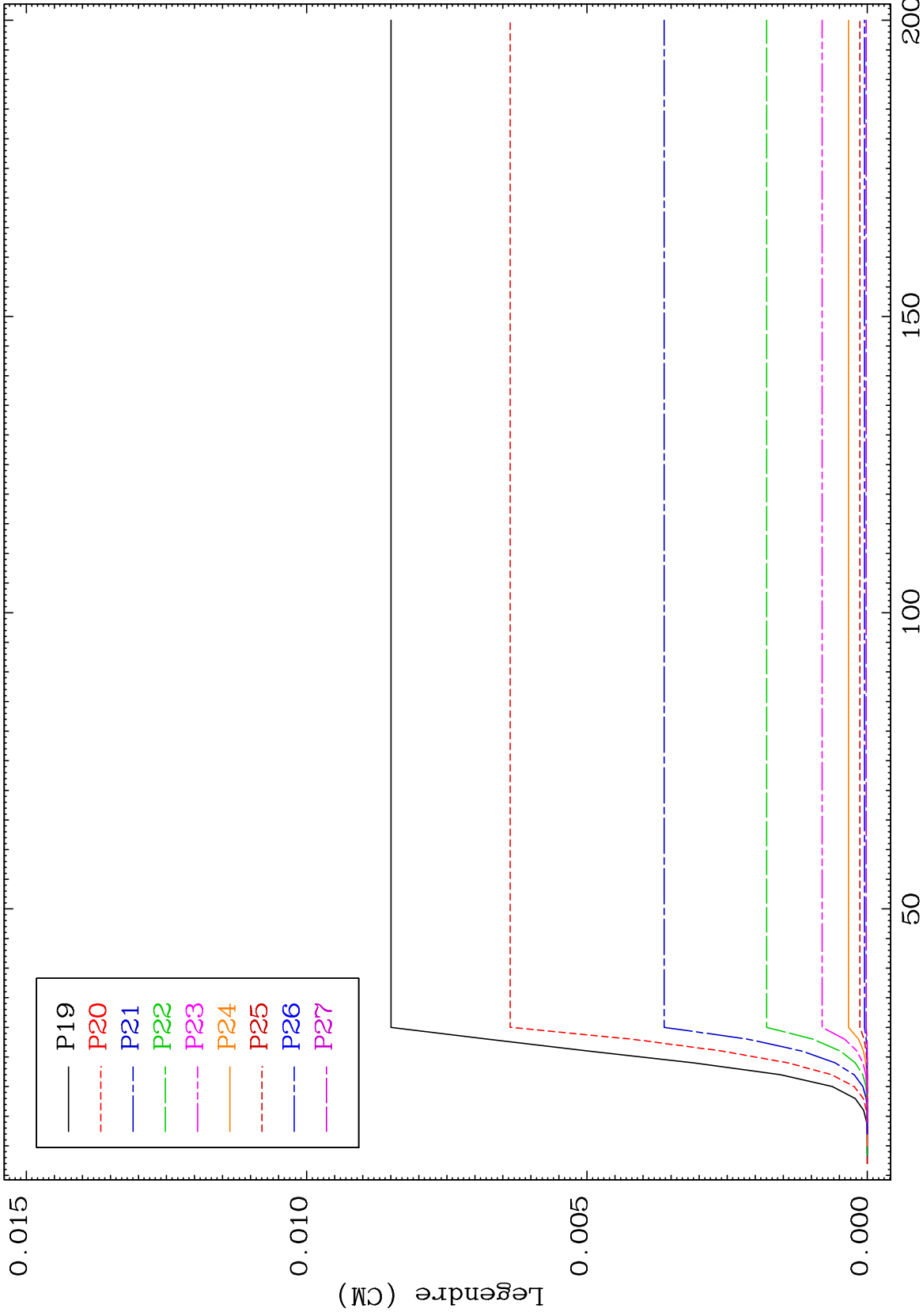
Incident Energy (MeV)

100

MAT 6292

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

63-Eu-140



101

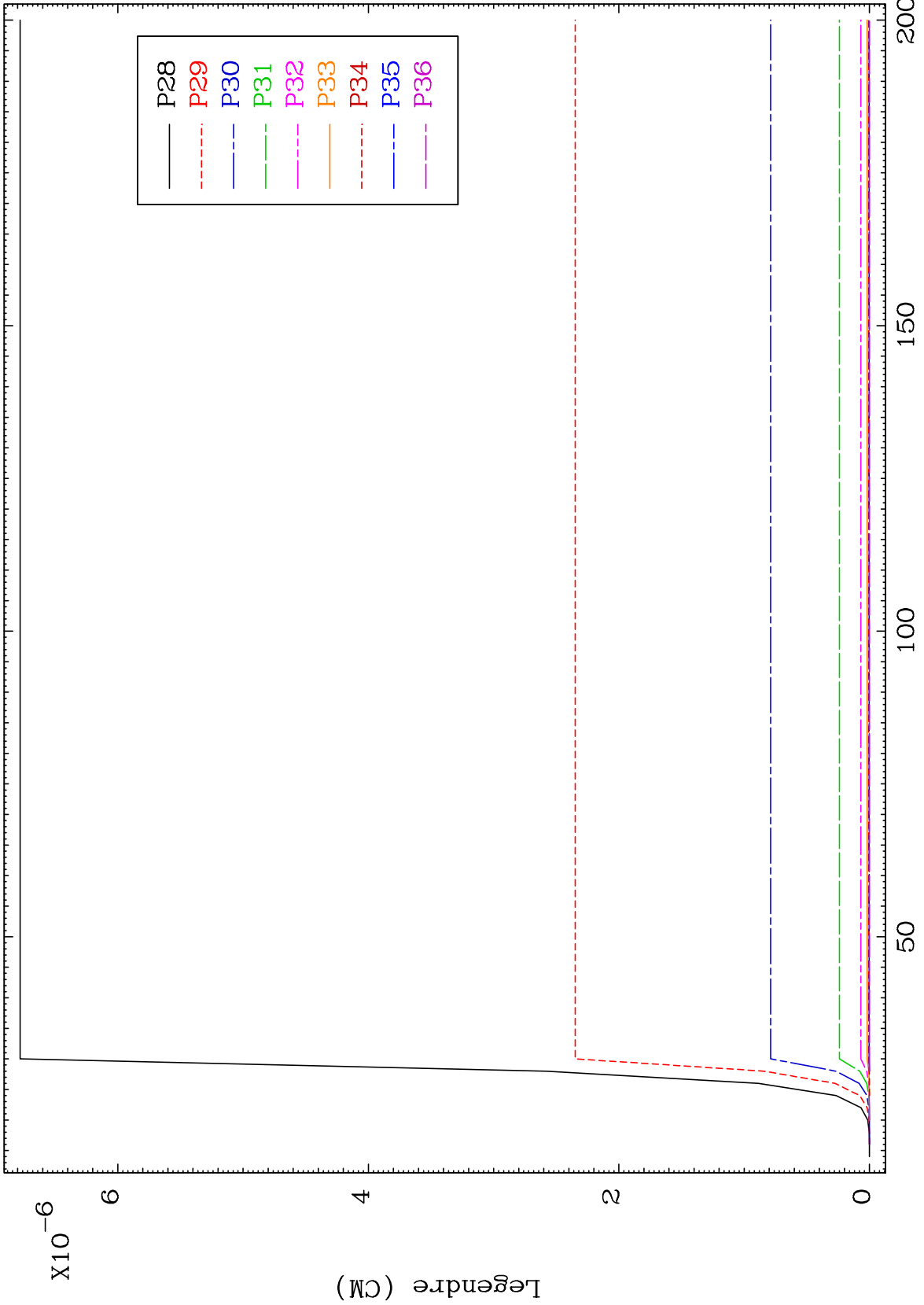
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



102

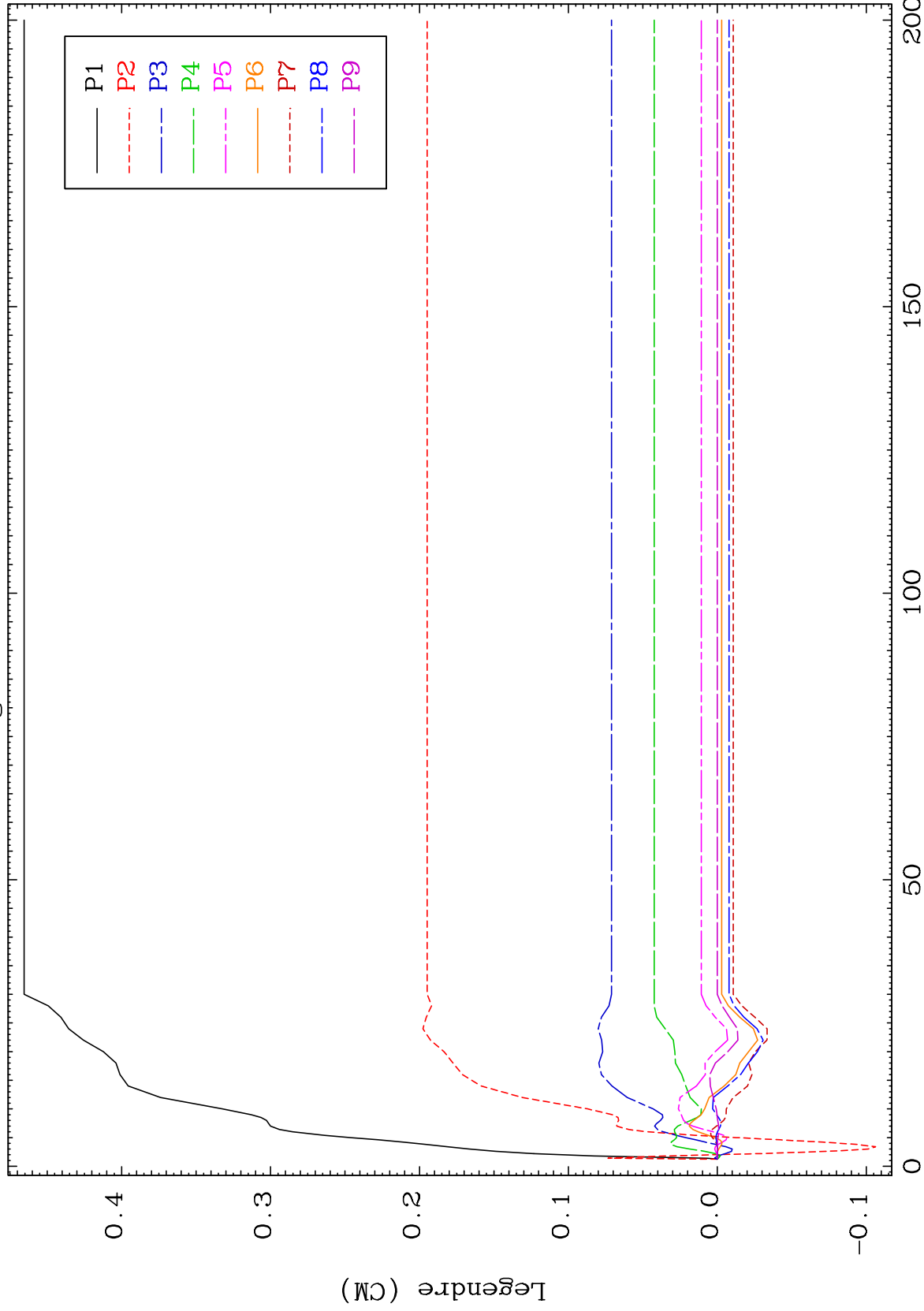
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



63-Eu-140

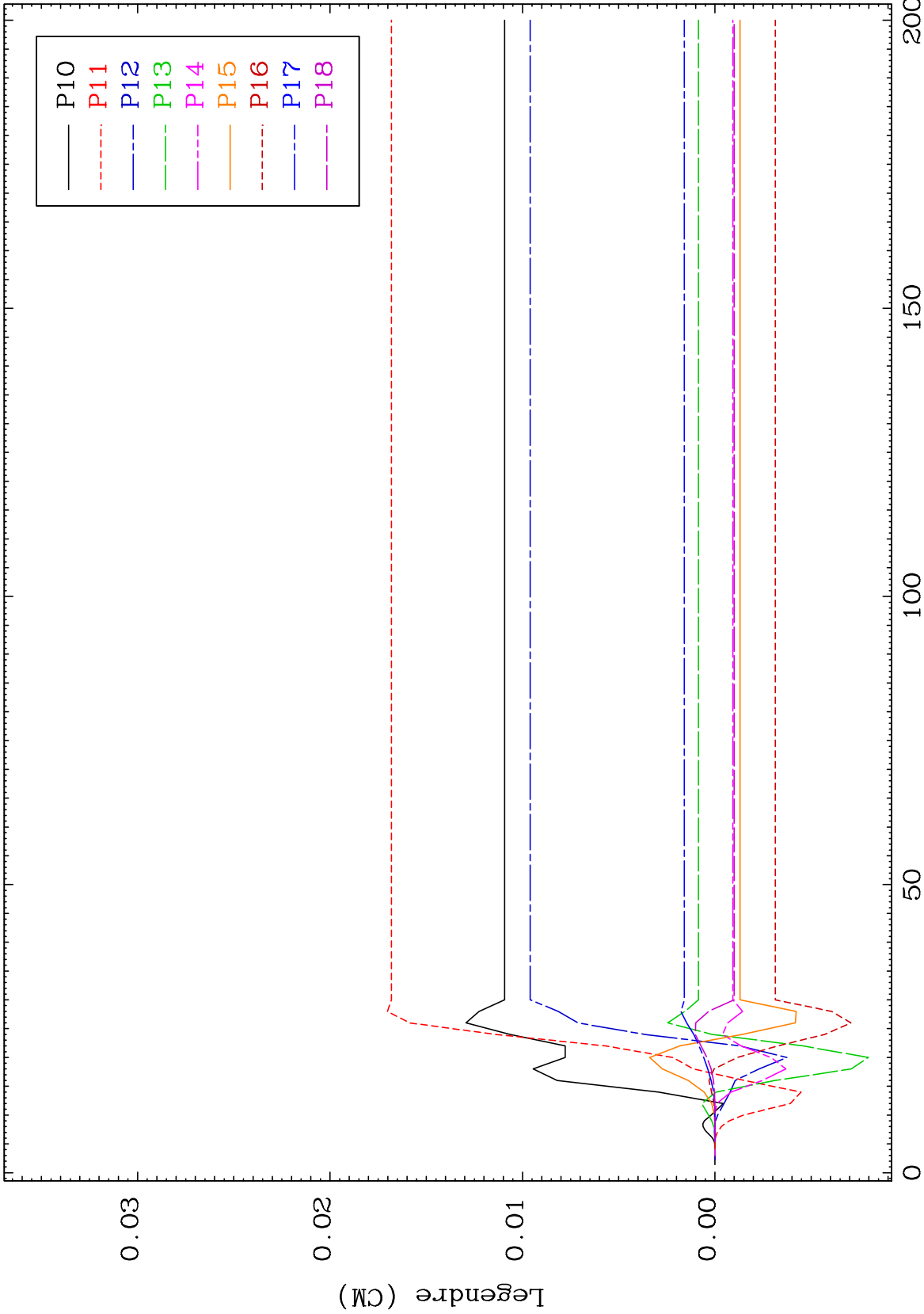
Incident Energy (MeV)

103

MAT 6292

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

63-Eu-140



104

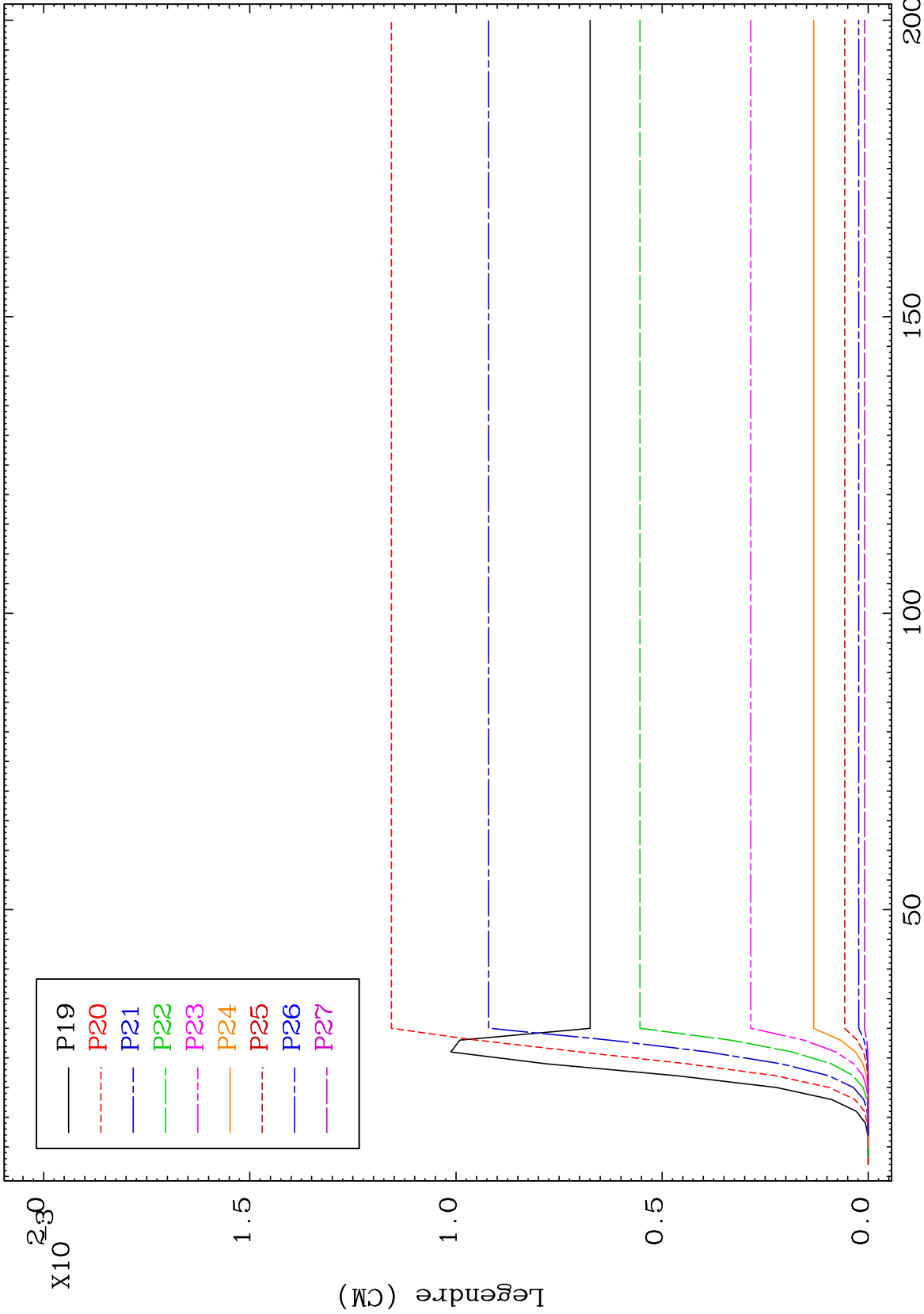
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



105

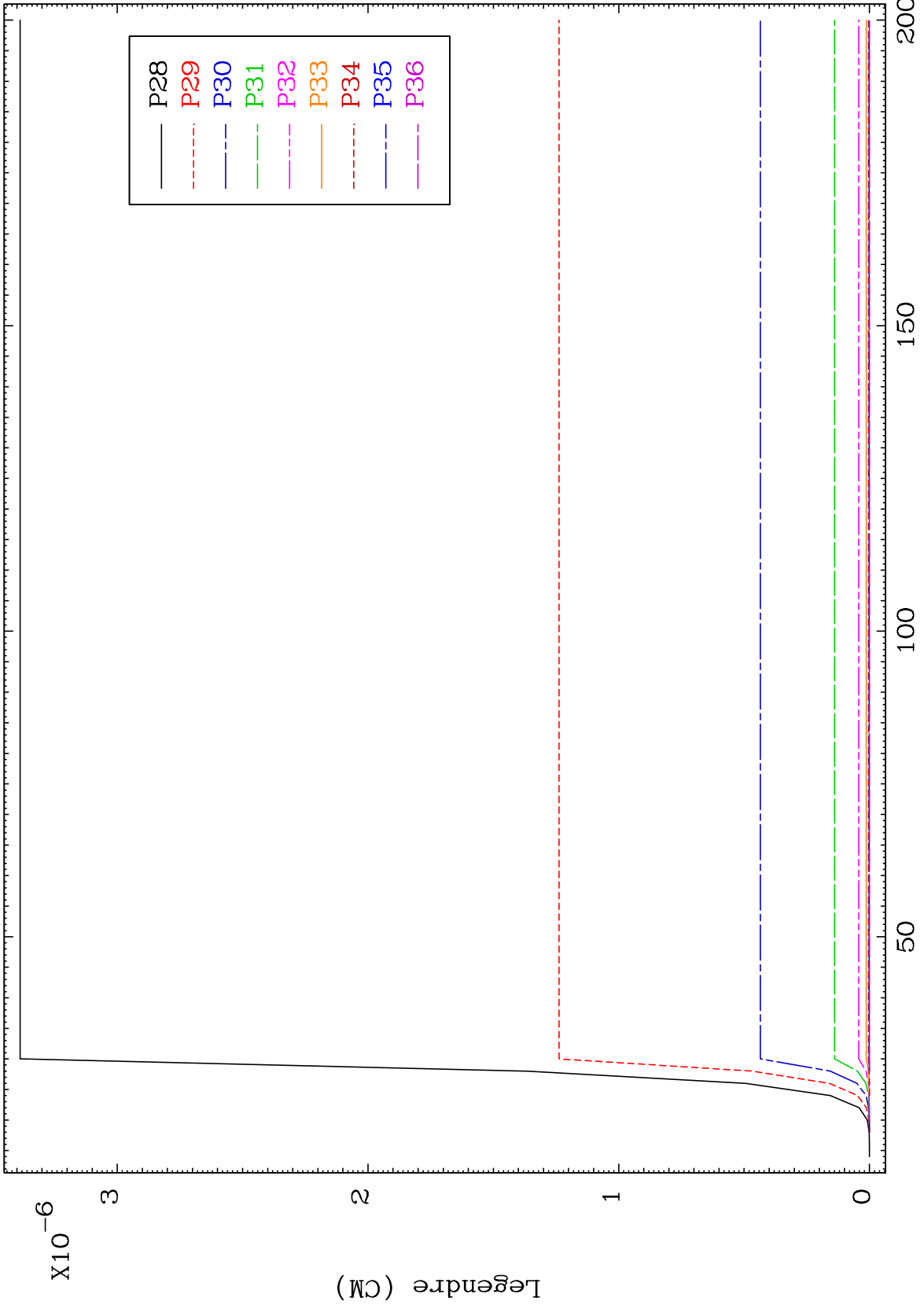
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



106

Incident Energy (MeV)

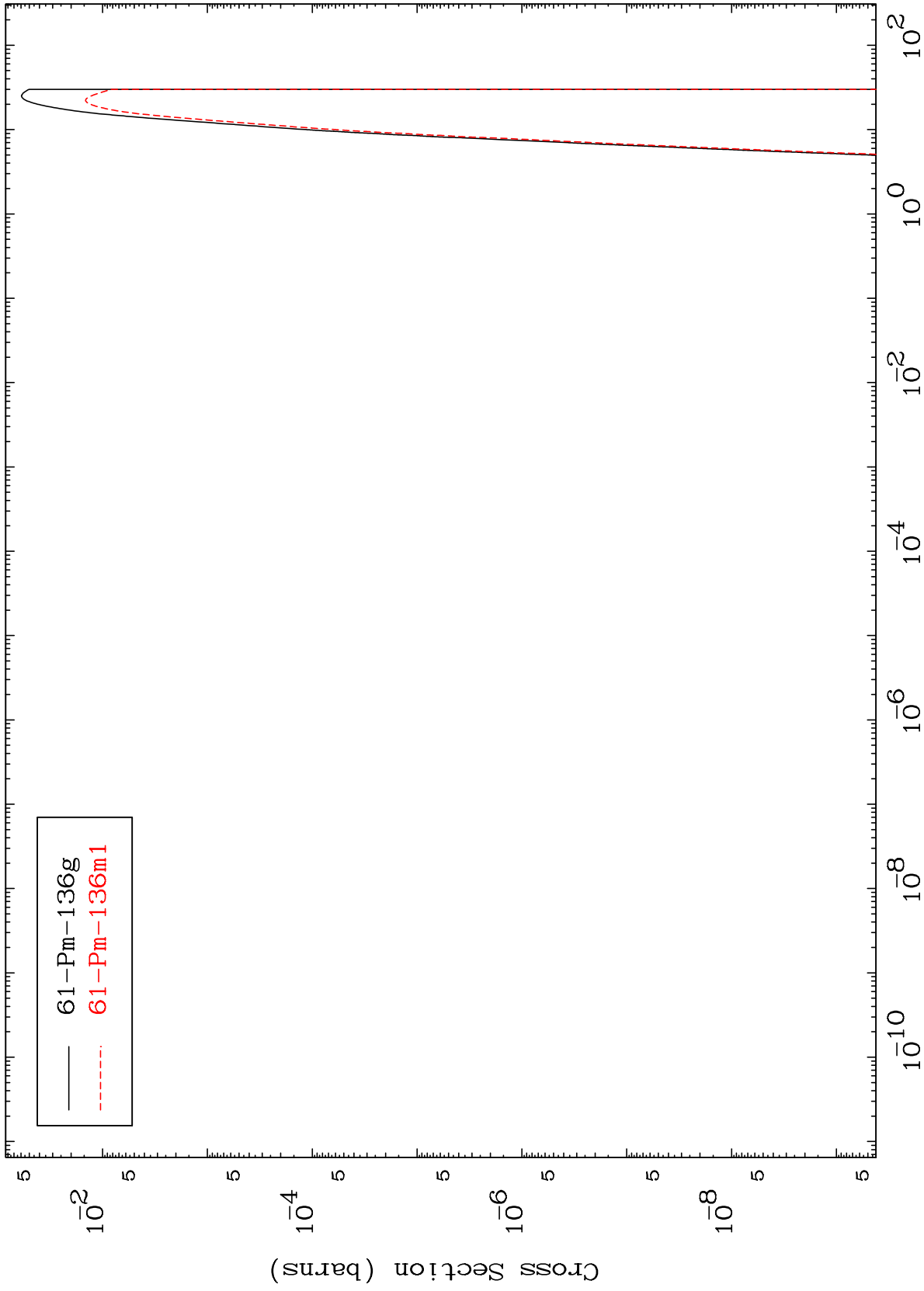
63-Eu-140

MAT 6292

(n,n') α

63-Eu-140

Radionuclide Production Cross Section



107

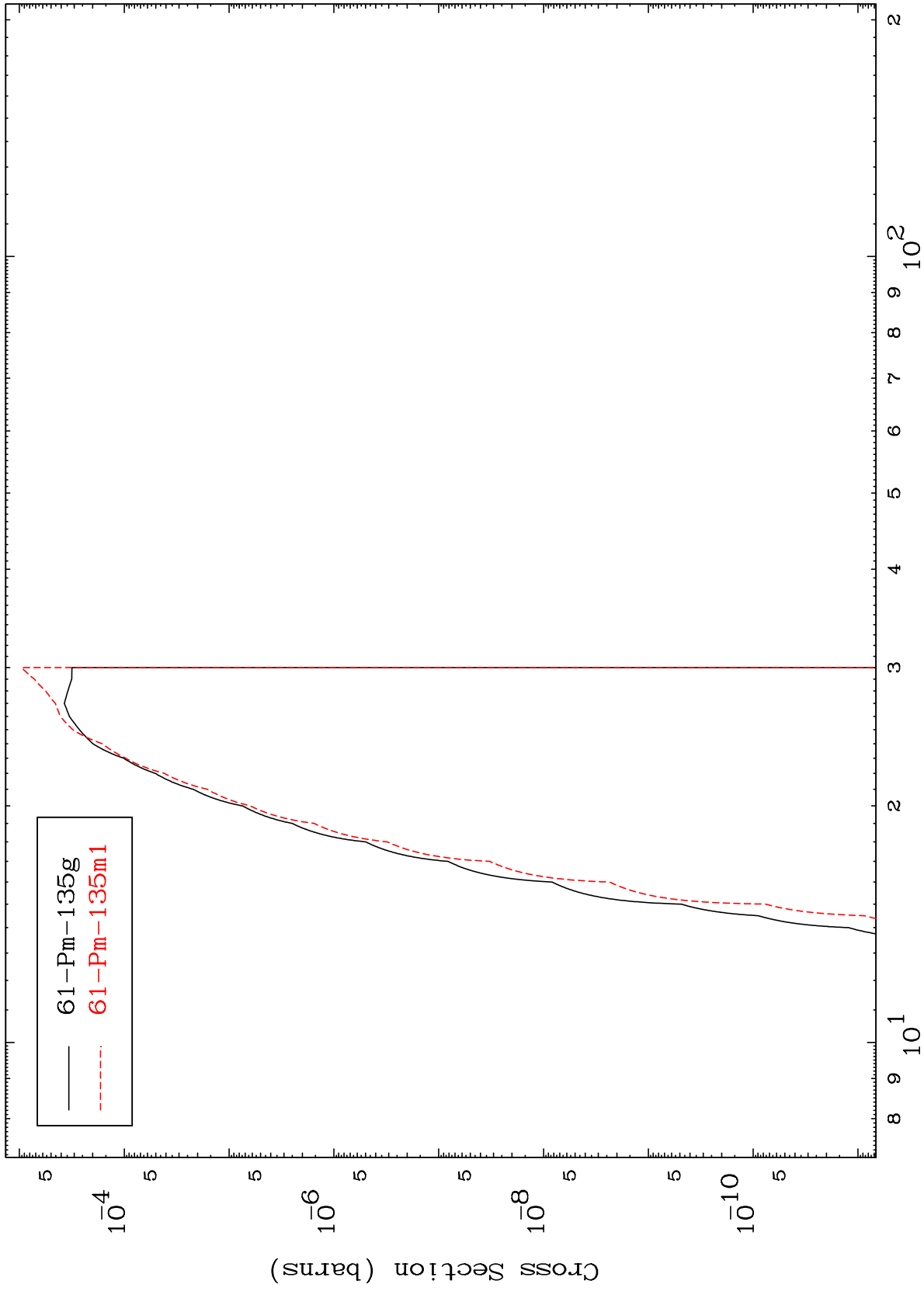
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

(n,2n) α
Radionuclide Production Cross Section



61-Pm-135g
61-Pm-135m1

108

Incident Energy (MeV)

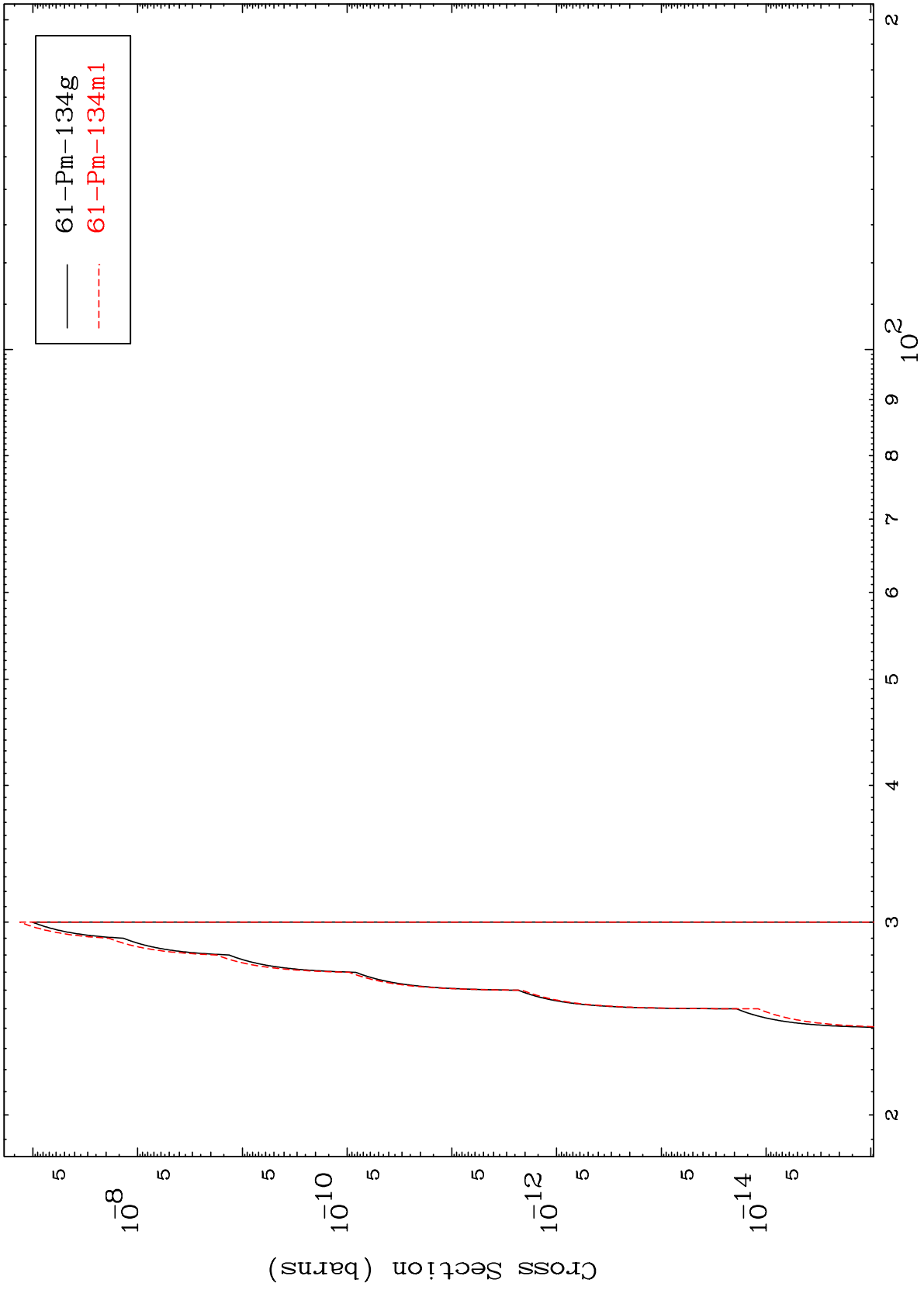
63-Eu-140

MAT 6292

(n,3n) α

63-Eu-140

Radionuclide Production Cross Section



109

Incident Energy (MeV)

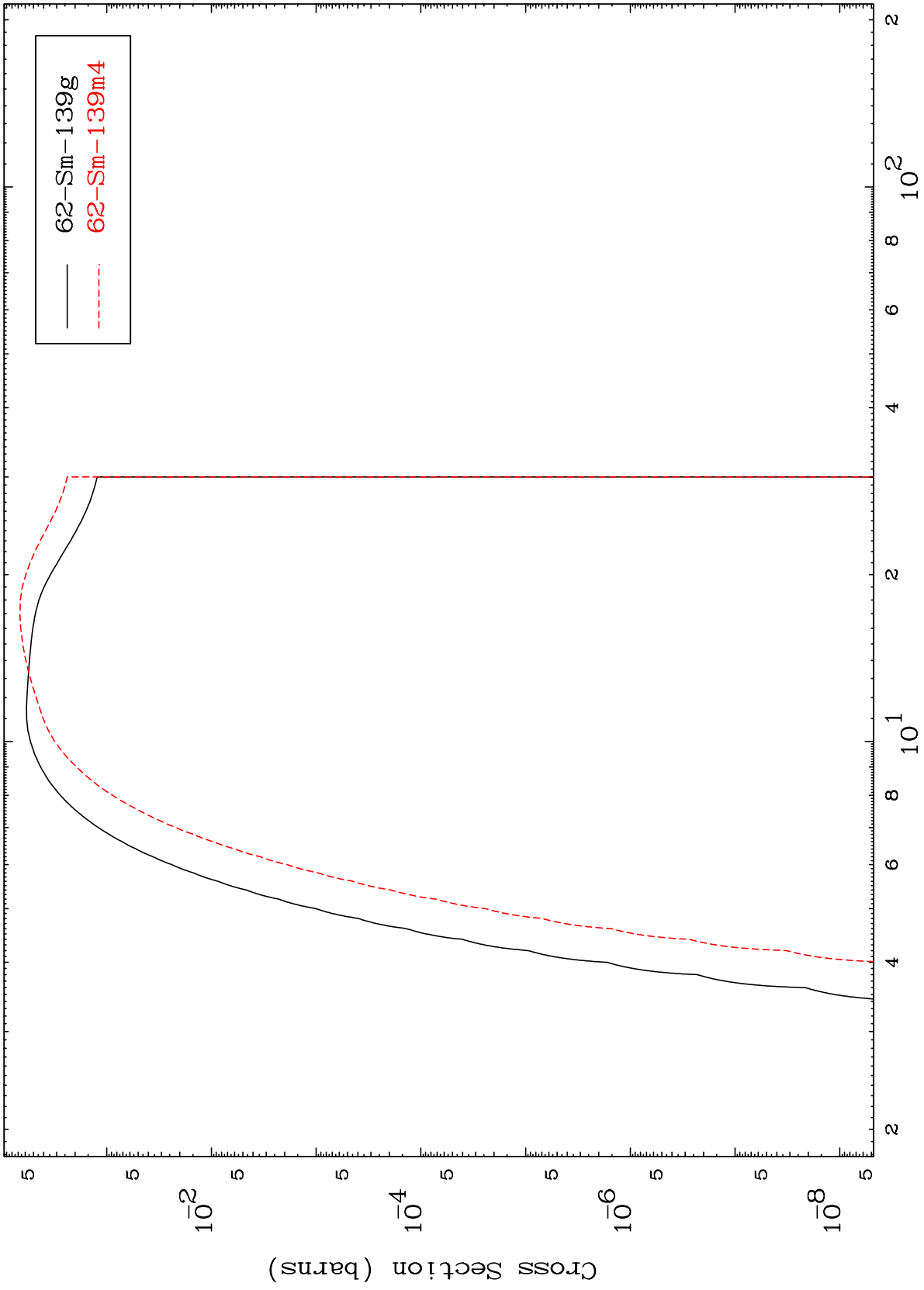
63-Eu-140

MAT 6292

(n,n') p

63-Eu-140

Radionuclide Production Cross Section



110

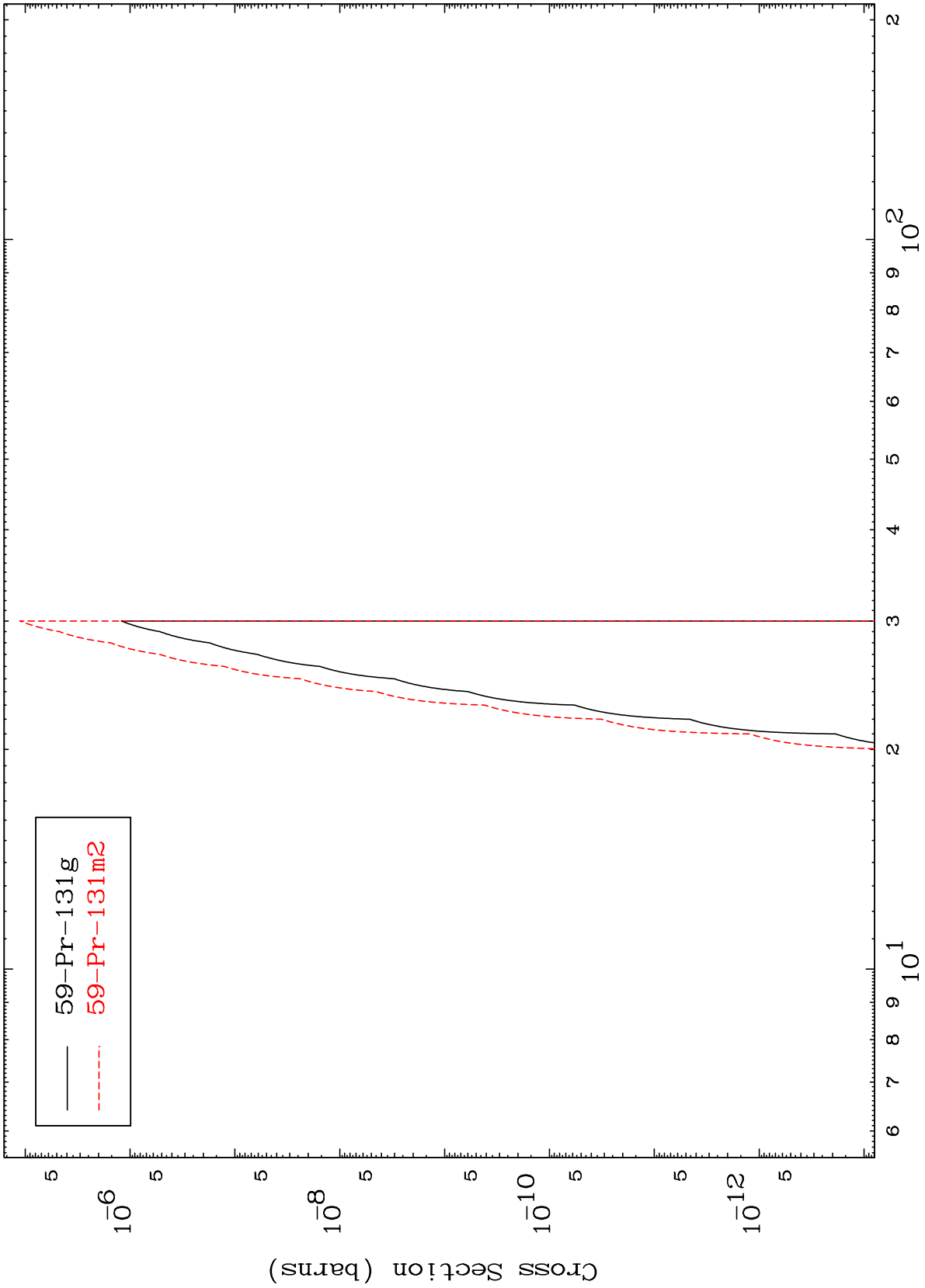
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

(n,2n) 2α
Radionuclide Production Cross Section



111

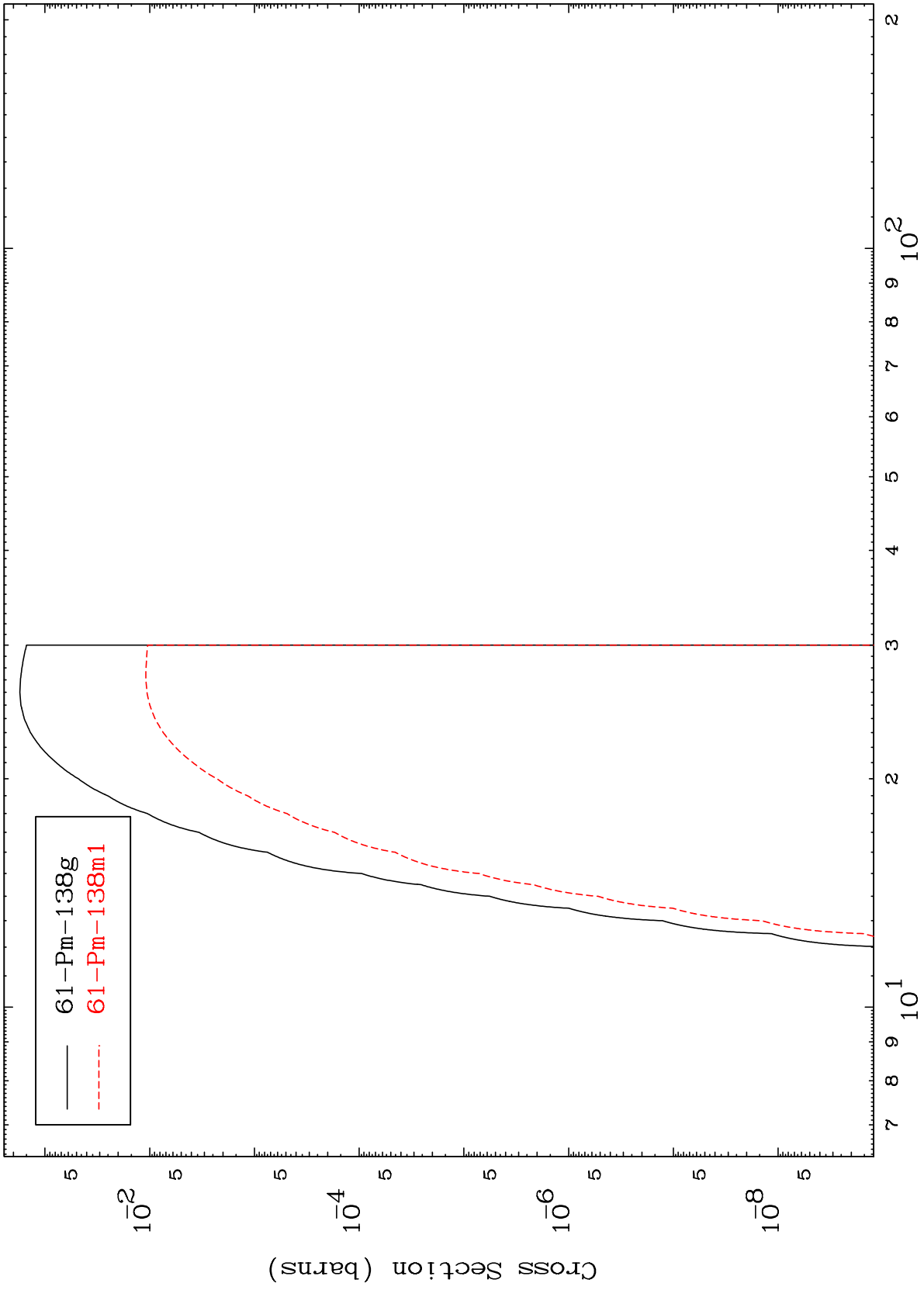
63-Eu-140

MAT 6292

(n,2n) p

63-Eu-140

Radionuclide Production Cross Section



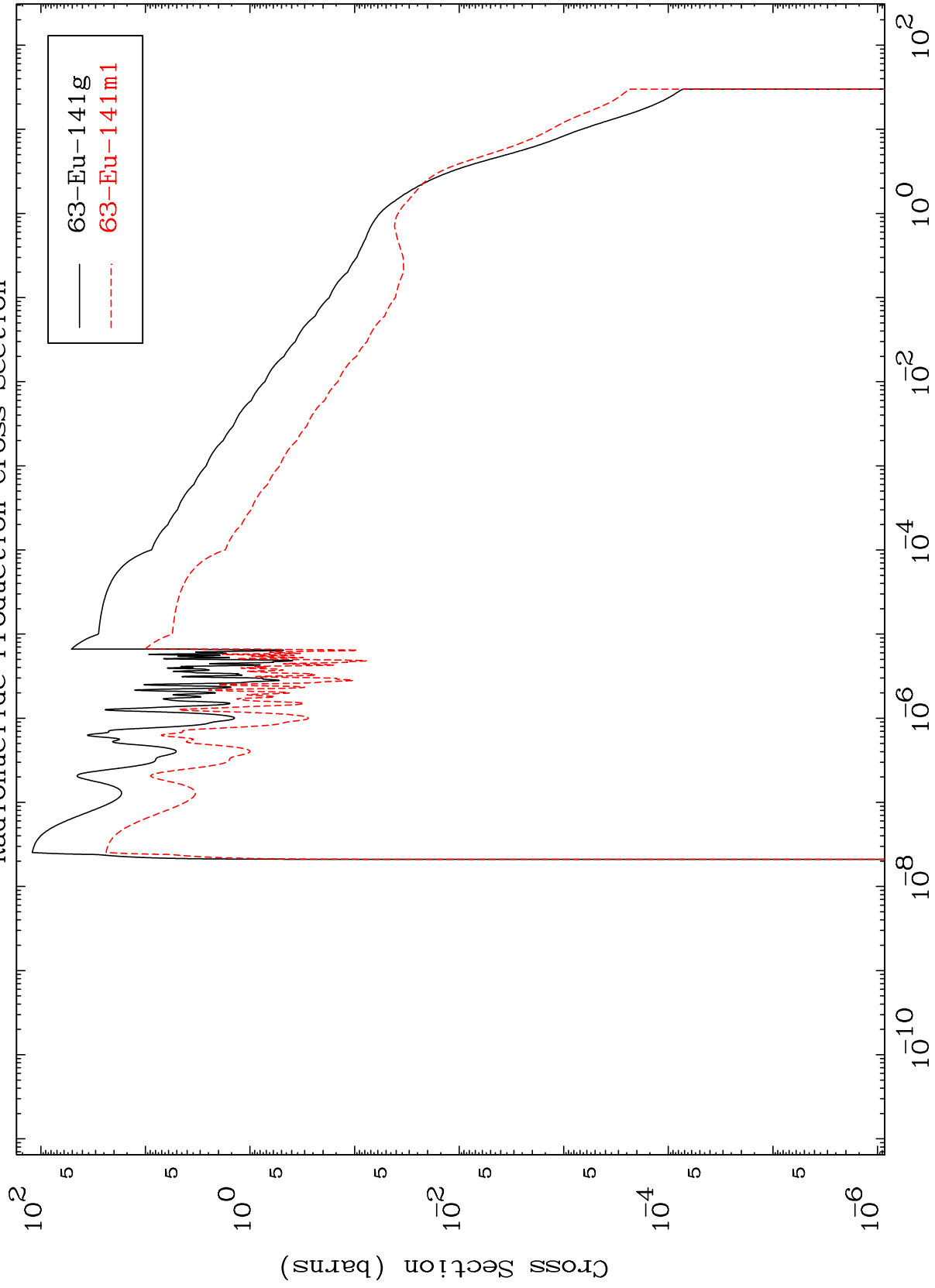
61-Pm-138g
61-Pm-138m1

112

Incident Energy (MeV)

63-Eu-140

(n,γ)
Radionuclide Production Cross Section

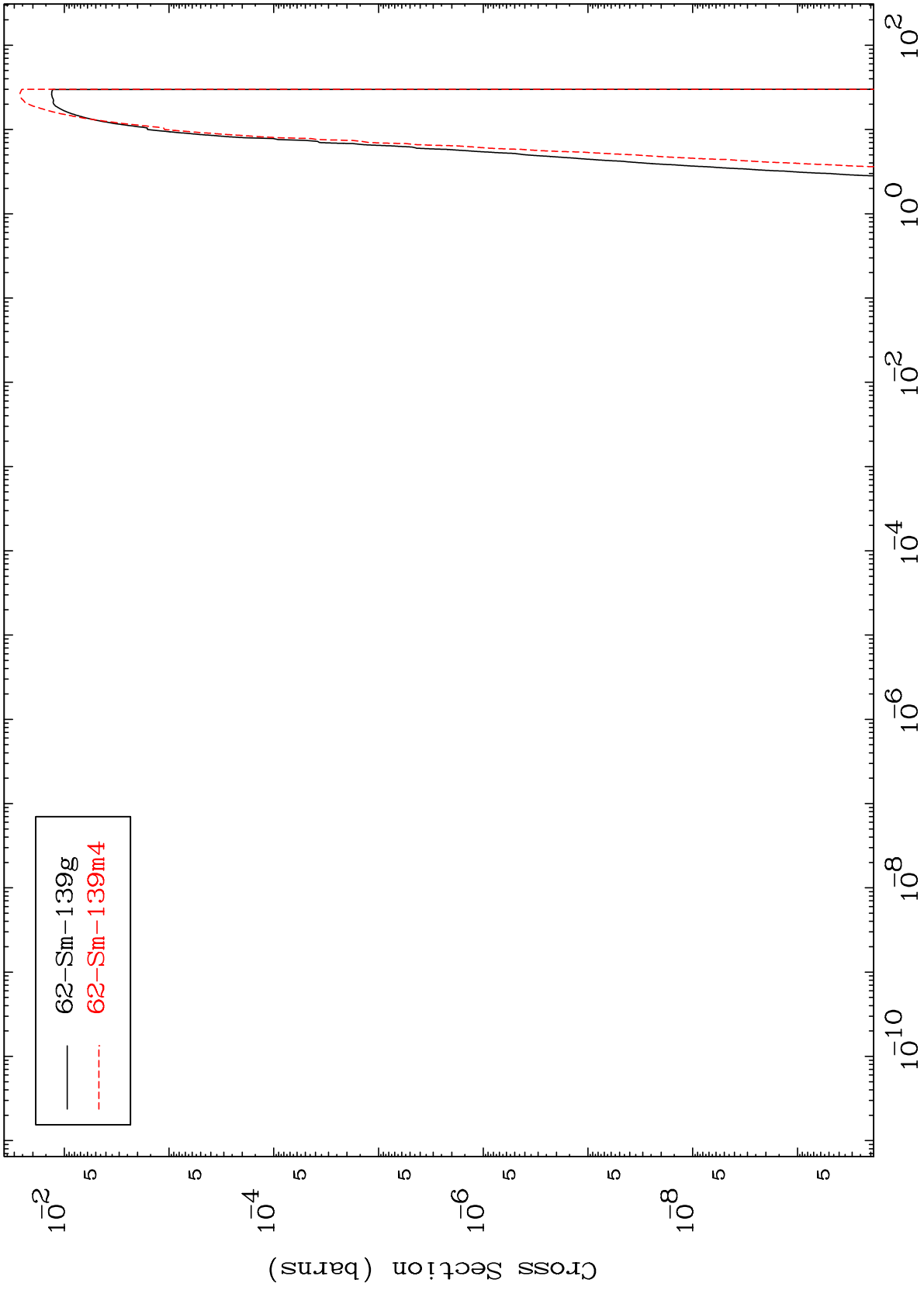


MAT 6292

(n,d)

63-Eu-140

Radionuclide Production Cross Section



114

Incident Energy (MeV)

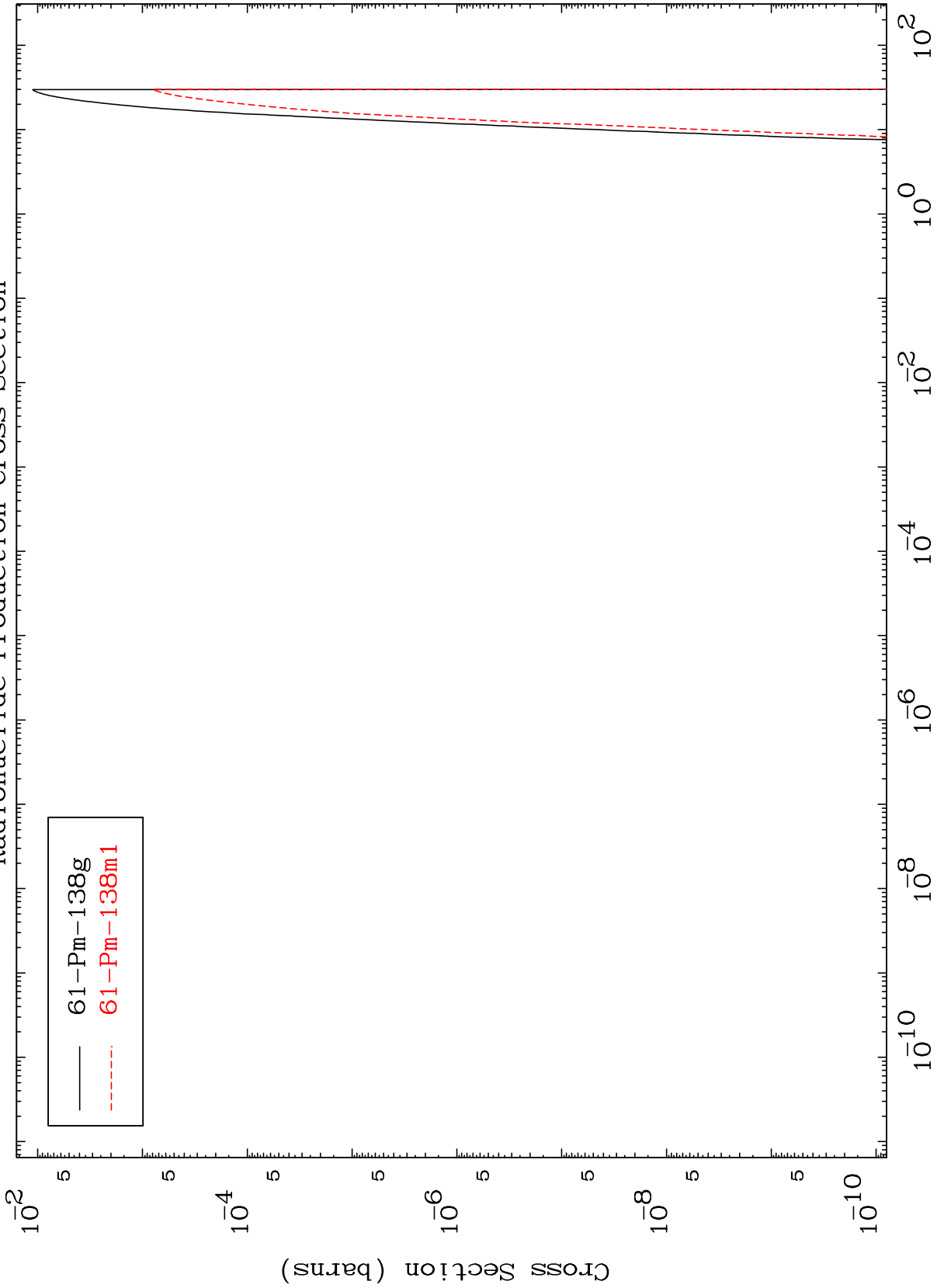
63-Eu-140

MAT 6292

(n, He-3)

63-Eu-140

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

115

Incident Energy (MeV)

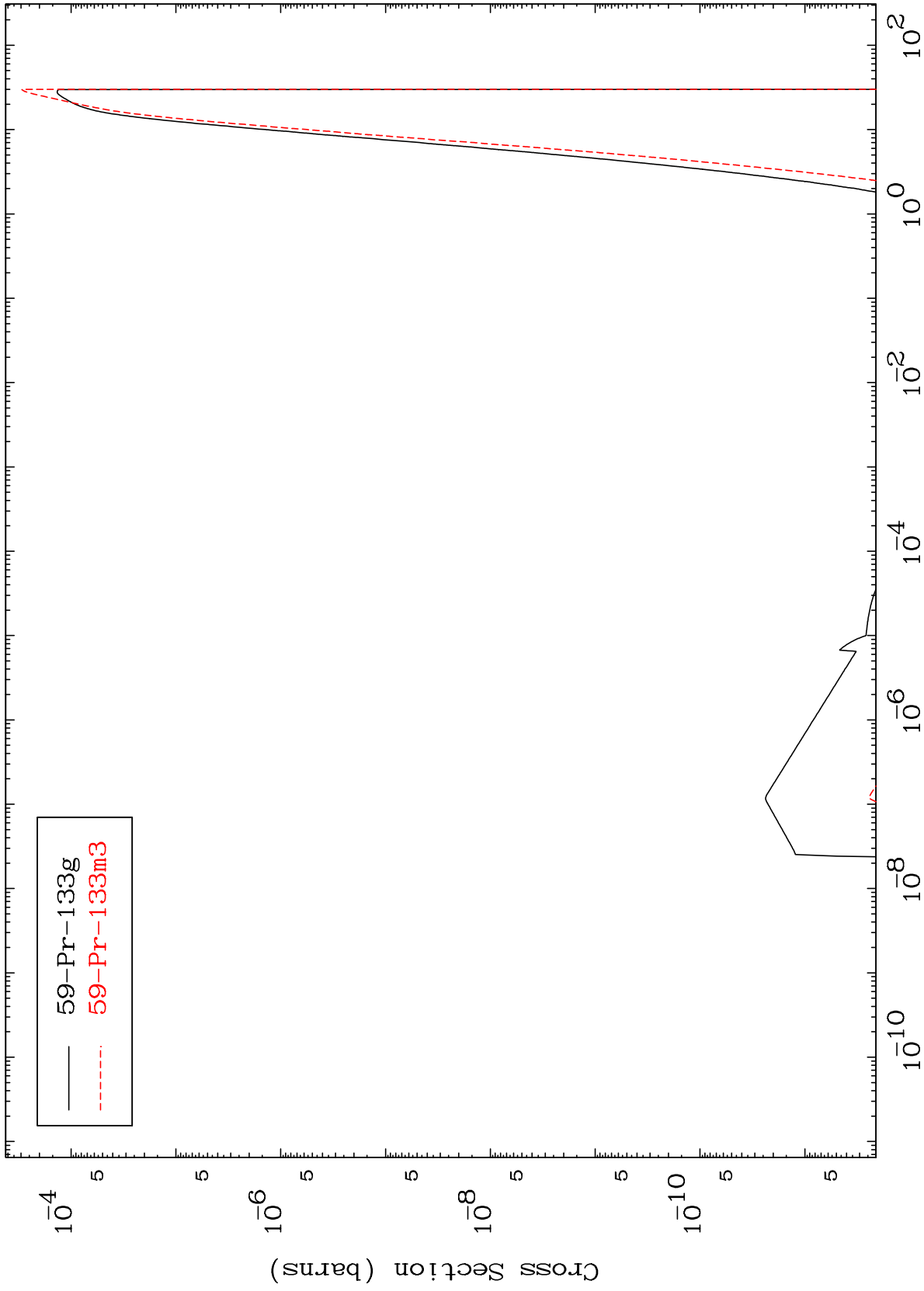
63-Eu-140

MAT 6292

(n,2α)

63-Eu-140

Radionuclide Production Cross Section



116

Incident Energy (MeV)

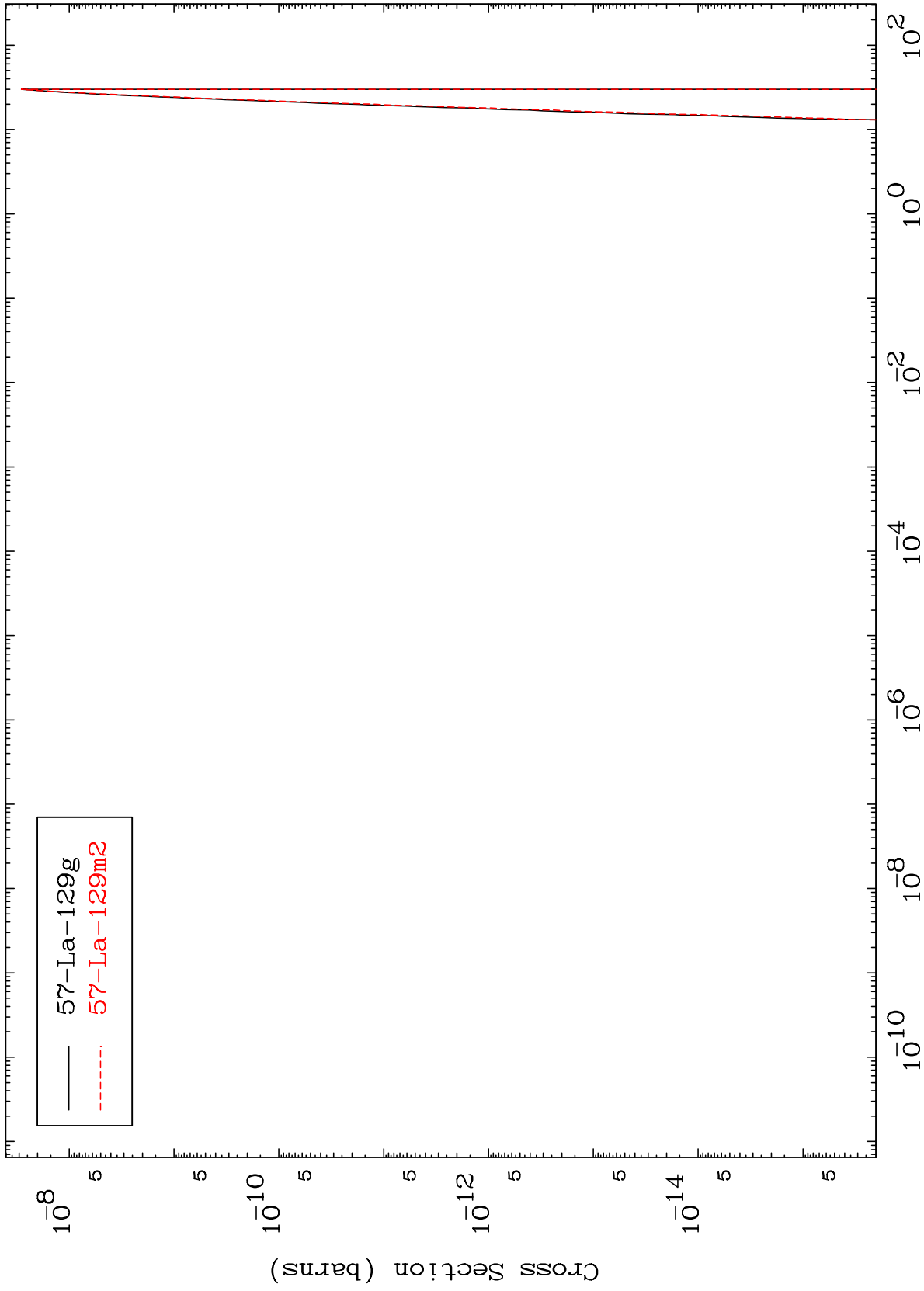
63-Eu-140

MAT 6292

(n,3α)

63-Eu-140

Radionuclide Production Cross Section



117

Incident Energy (MeV)

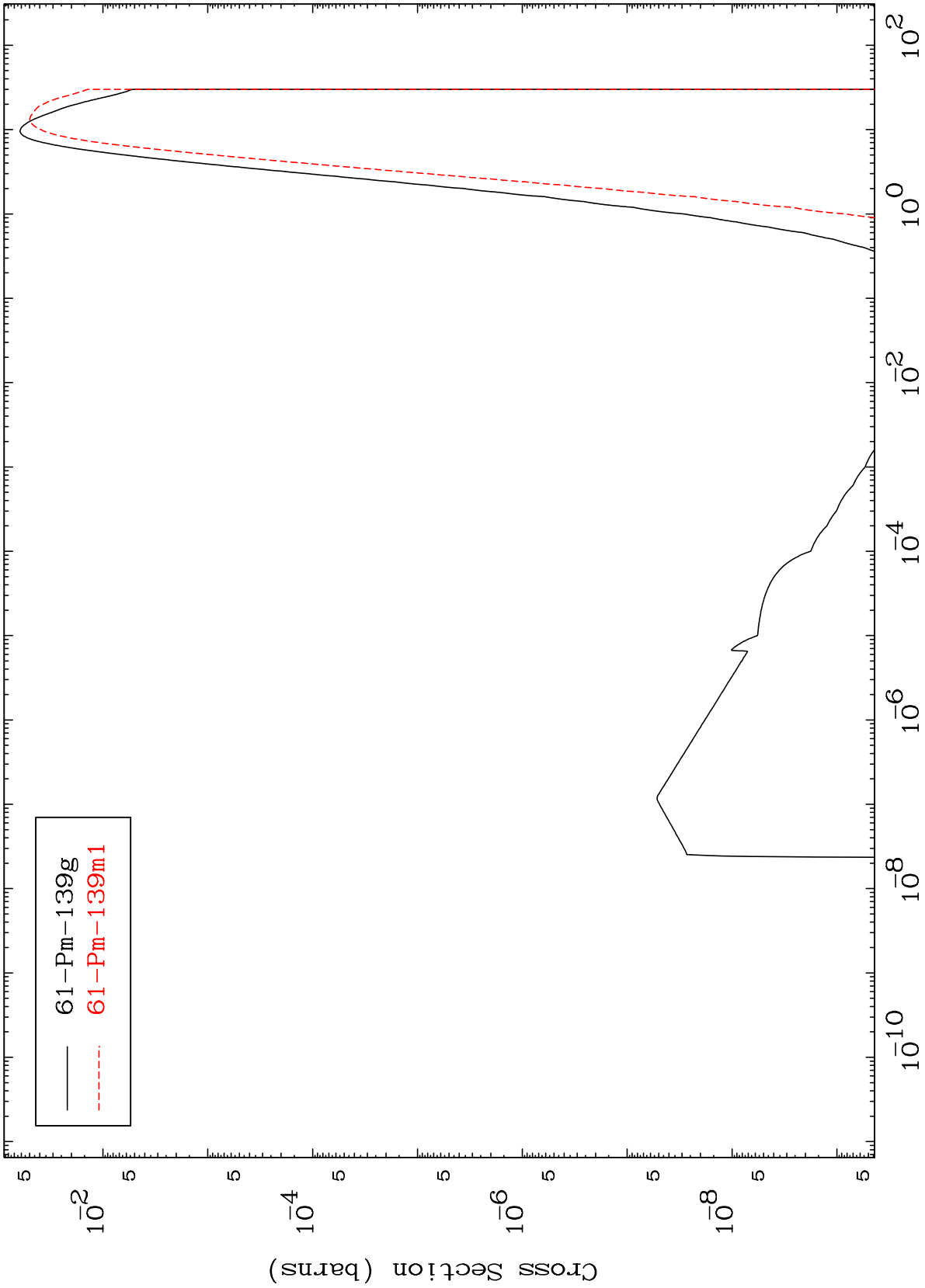
63-Eu-140

MAT 6292

(n,2p)

63-Eu-140

Radionuclide Production Cross Section



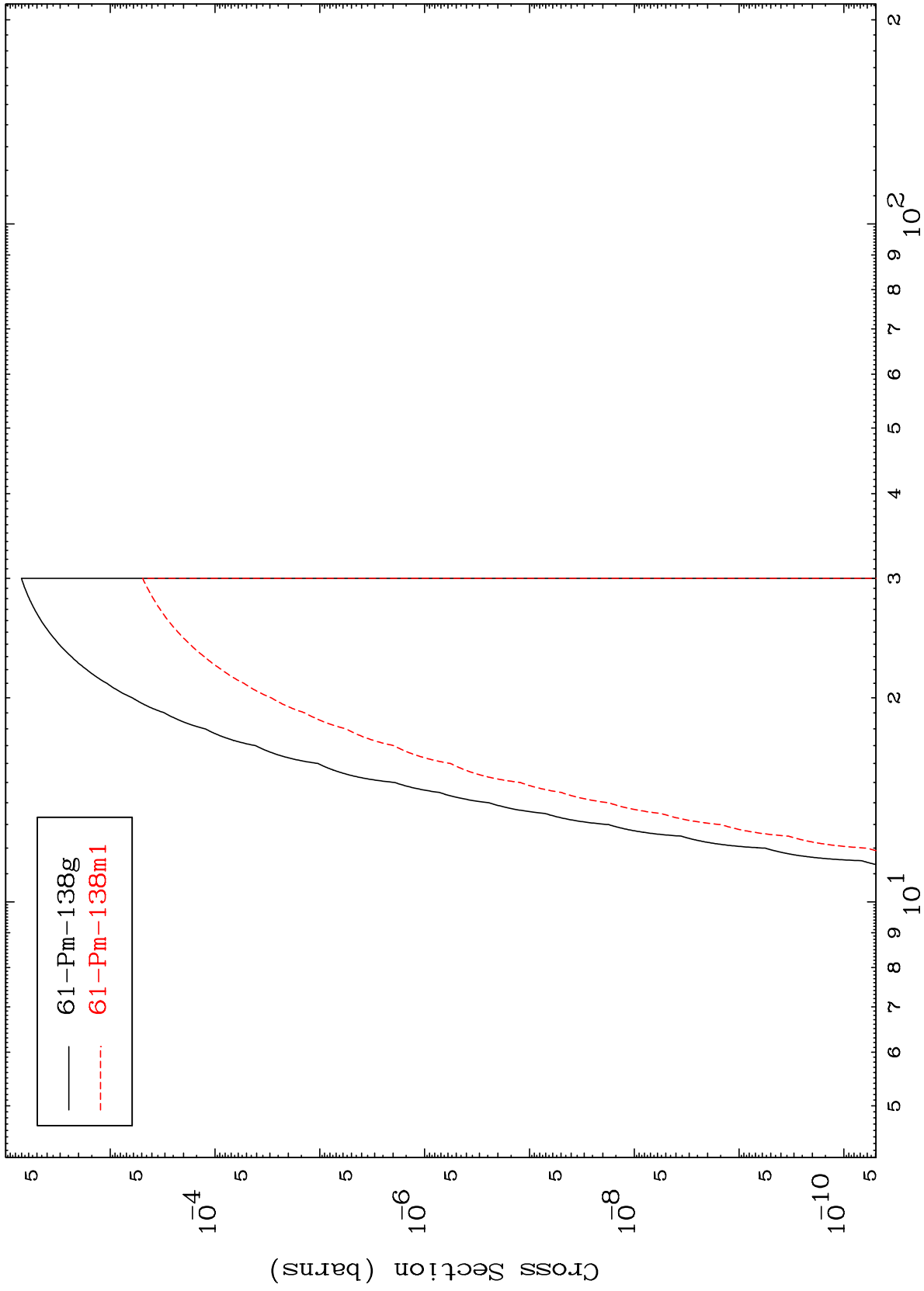
61-Pm-139g
61-Pm-139m1

MAT 6292

(n,p) d

63-Eu-140

Radionuclide Production Cross Section



119

Incident Energy (MeV)

63-Eu-140