

Program EVALPLOT
(Version 2018-1)

by

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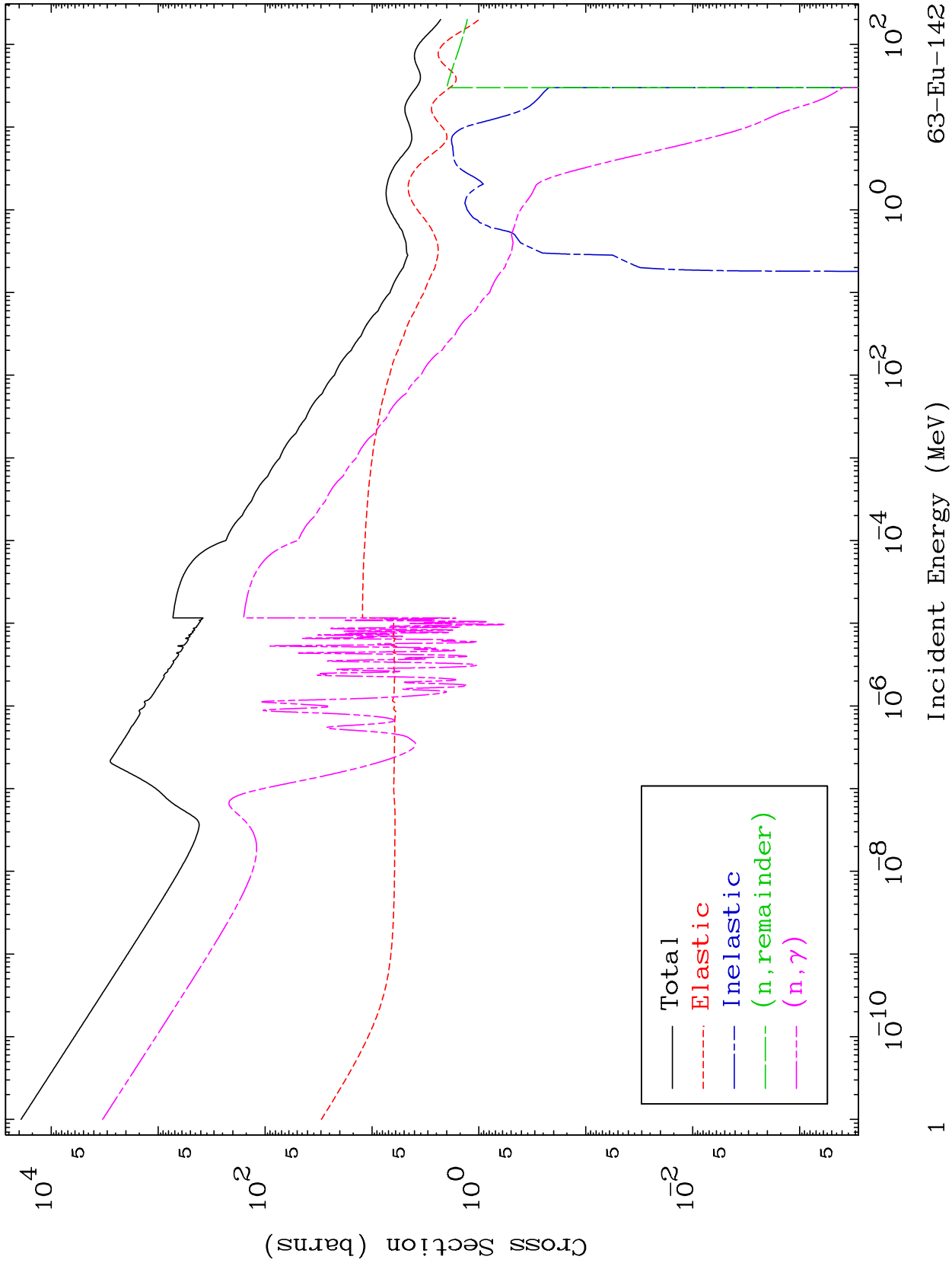
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6298

Major
293 Kelvin Cross Sections

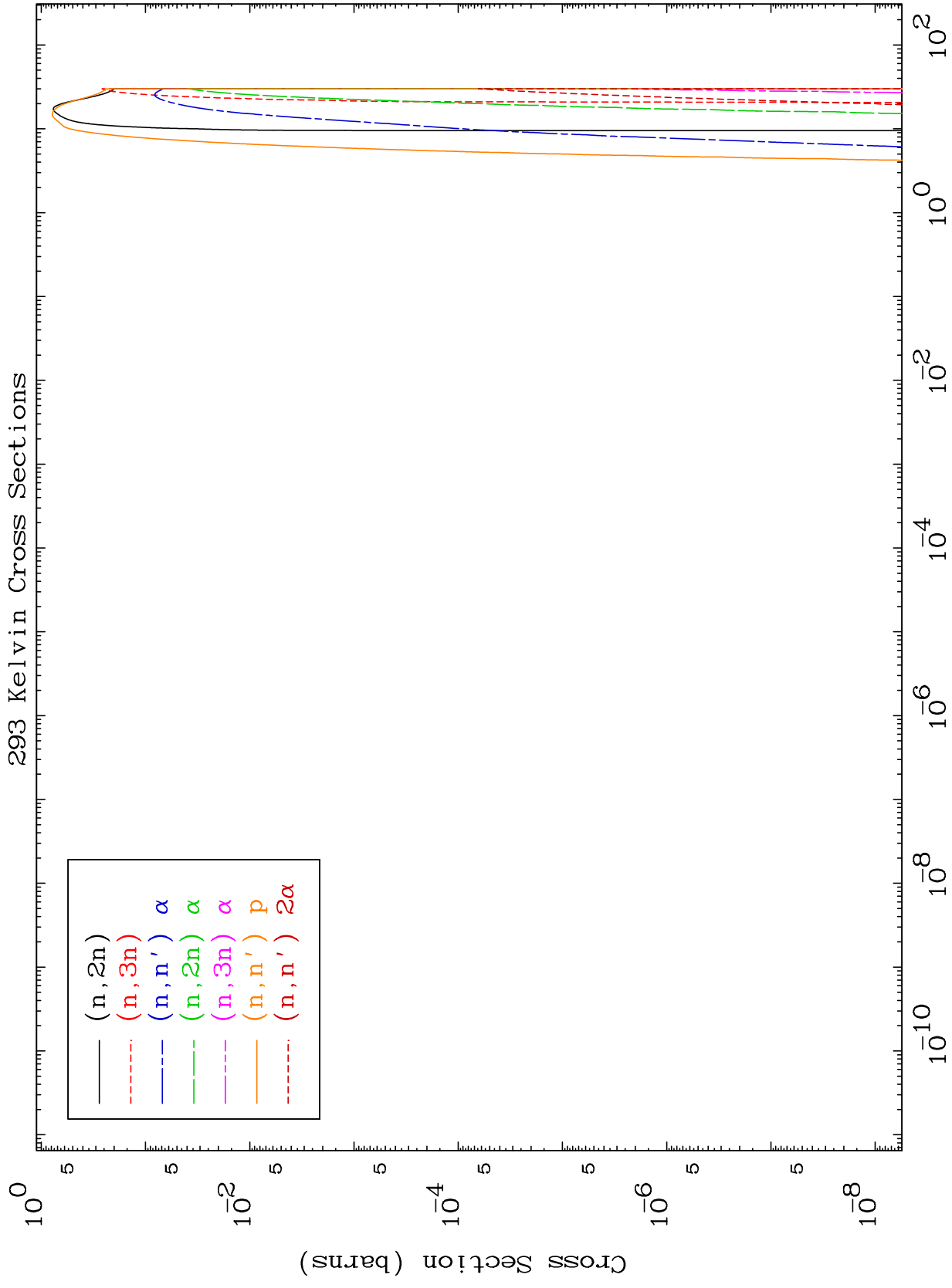
63-Eu-142

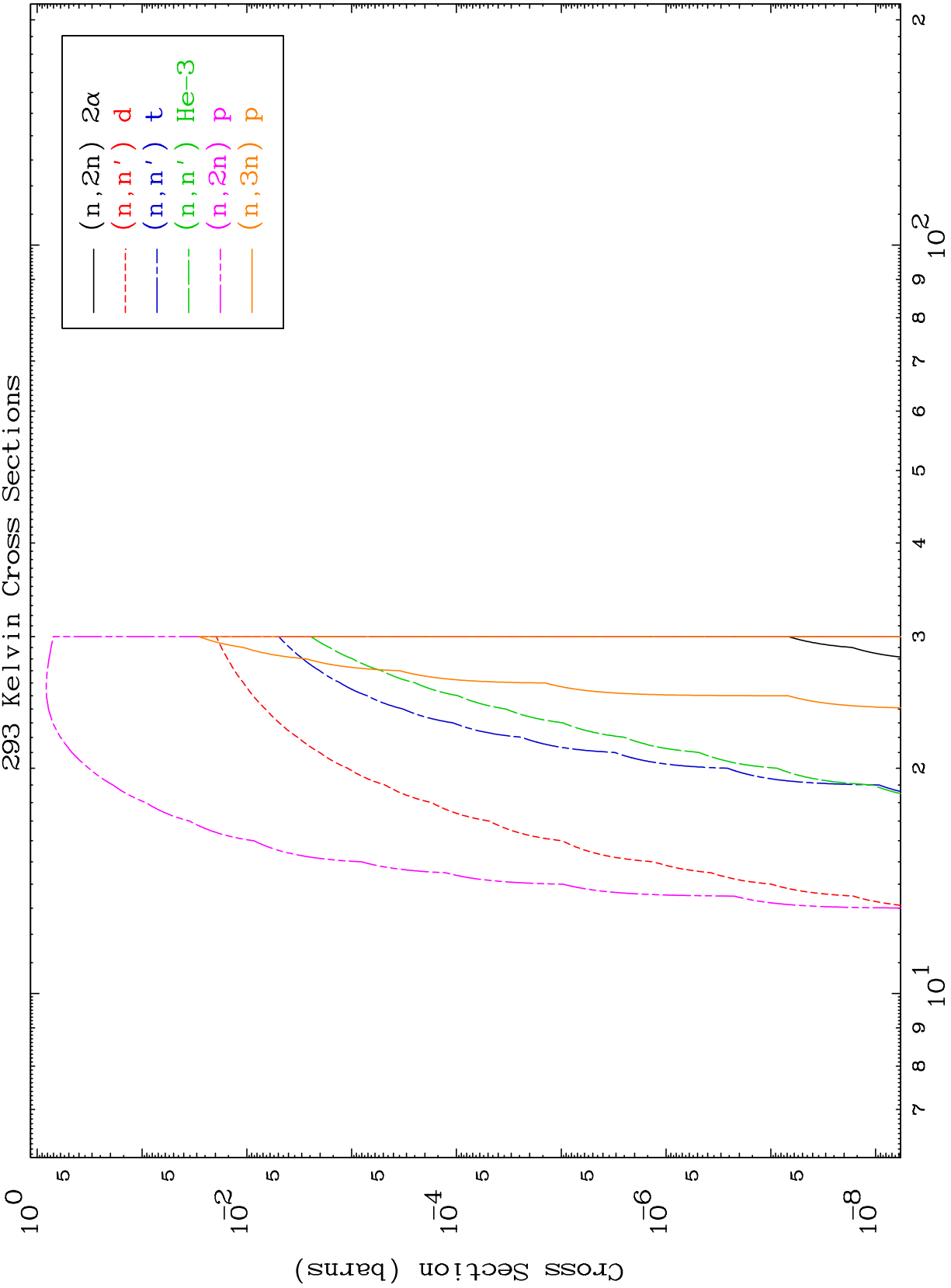


MAT 6298

Neutron Production
293 Kelvin Cross Sections

63-Eu-142

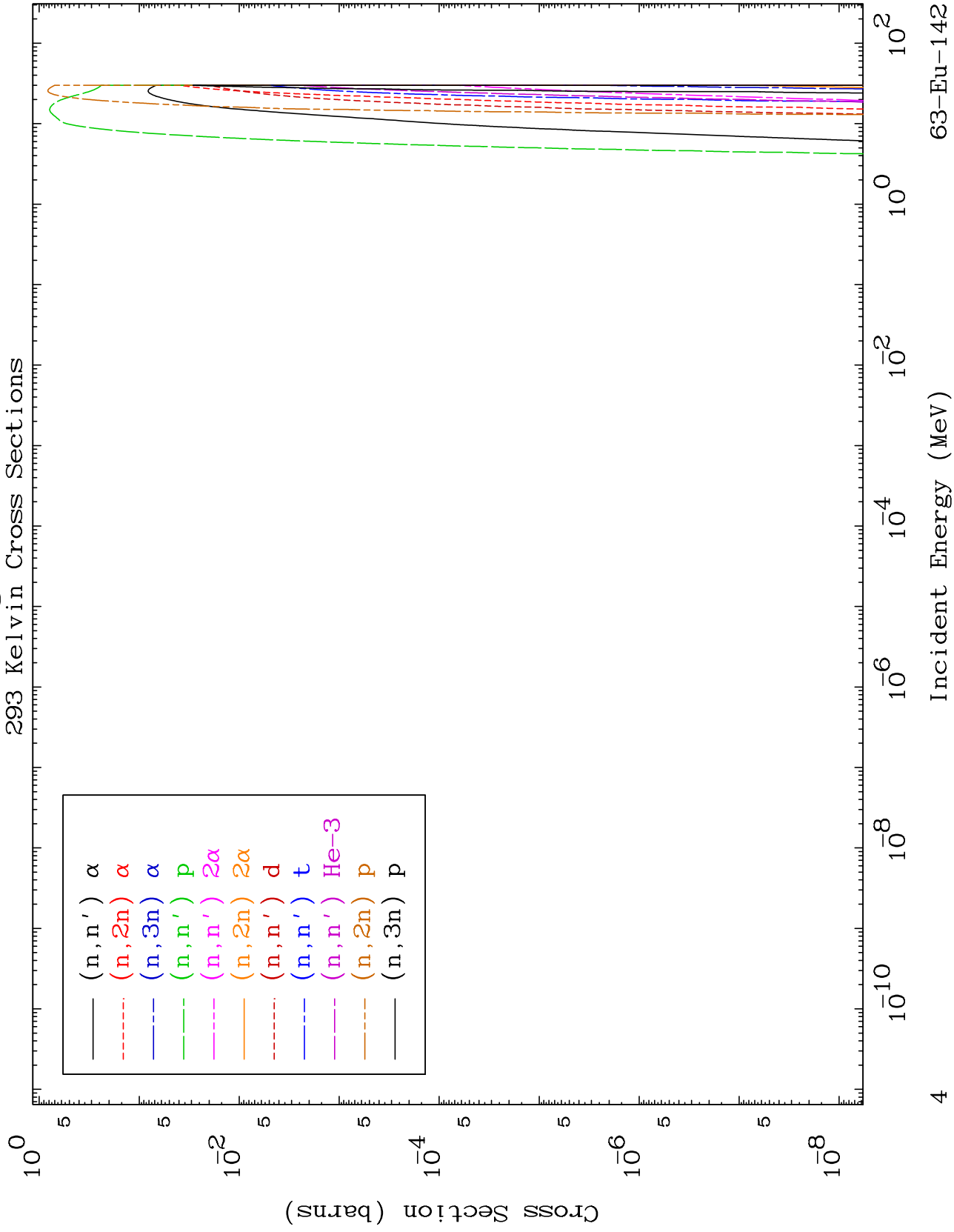




MAT 6298

Charged Particle
293 Kelvin Cross Sections

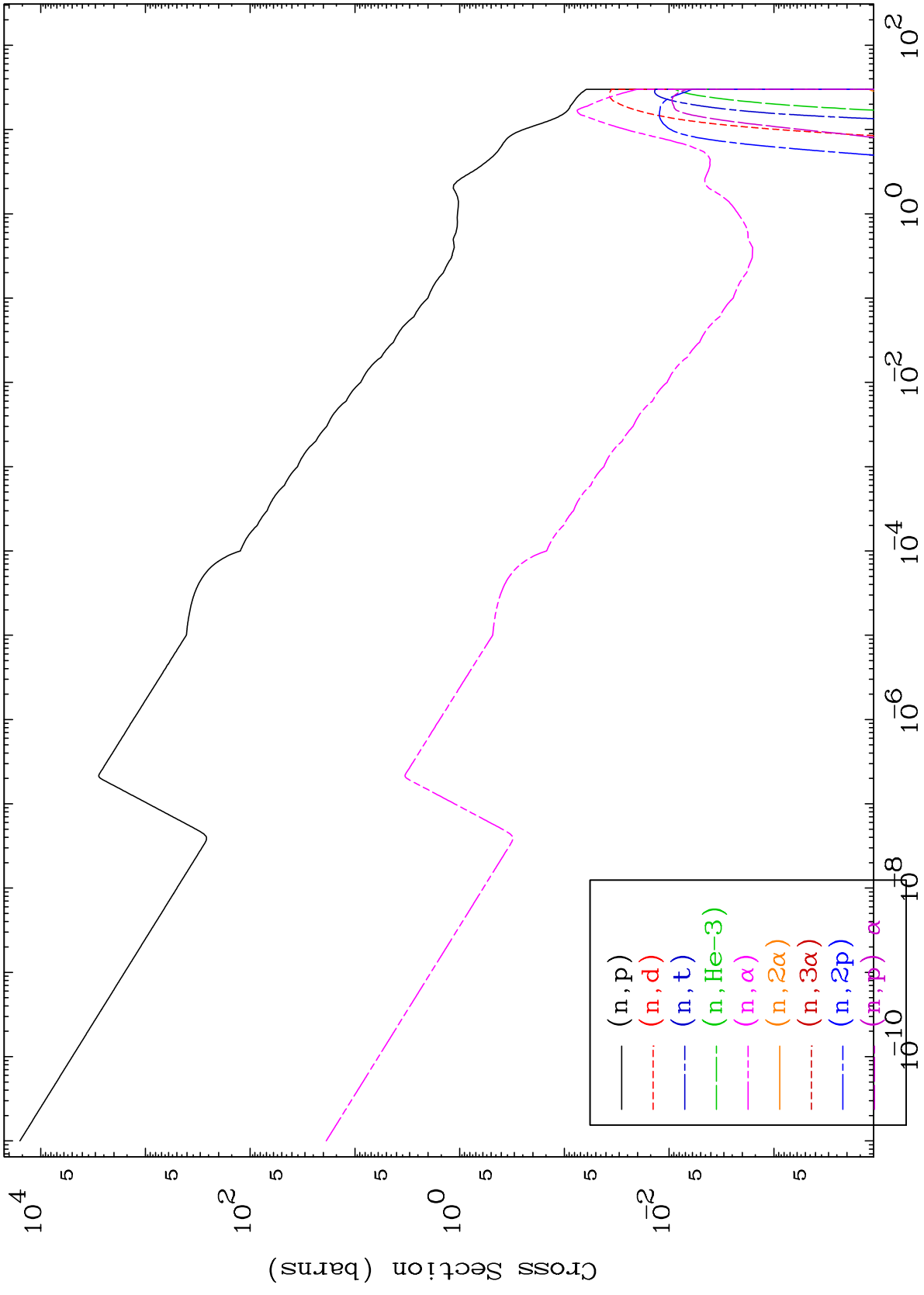
63-Eu-142



MAT 6298

Charged Particle
293 Kelvin Cross Sections

63-Eu-142



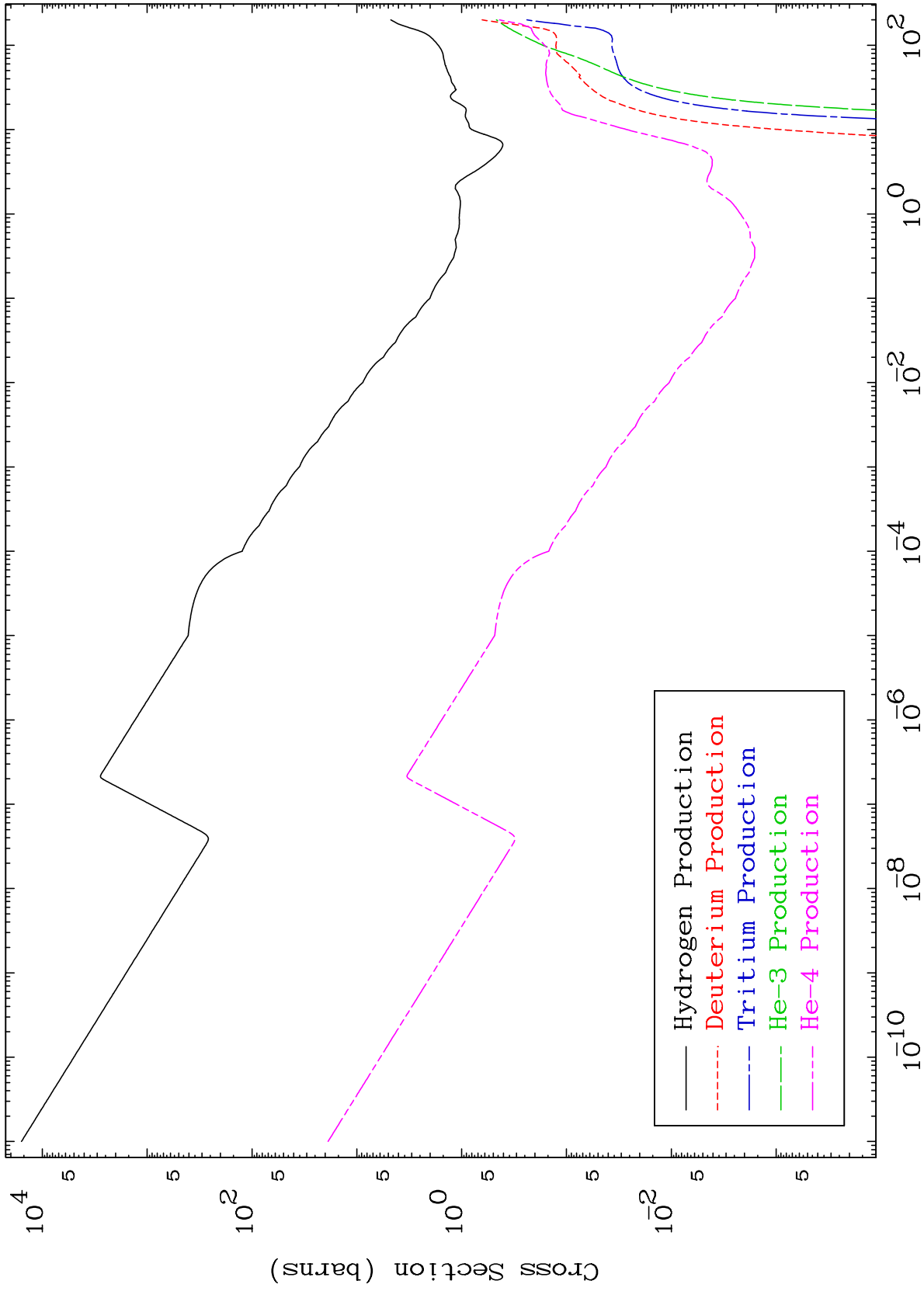
63-Eu-142

Incident Energy (MeV)

MAT 6298

Particle Production
293 Kelvin Cross Sections

63-Eu-142

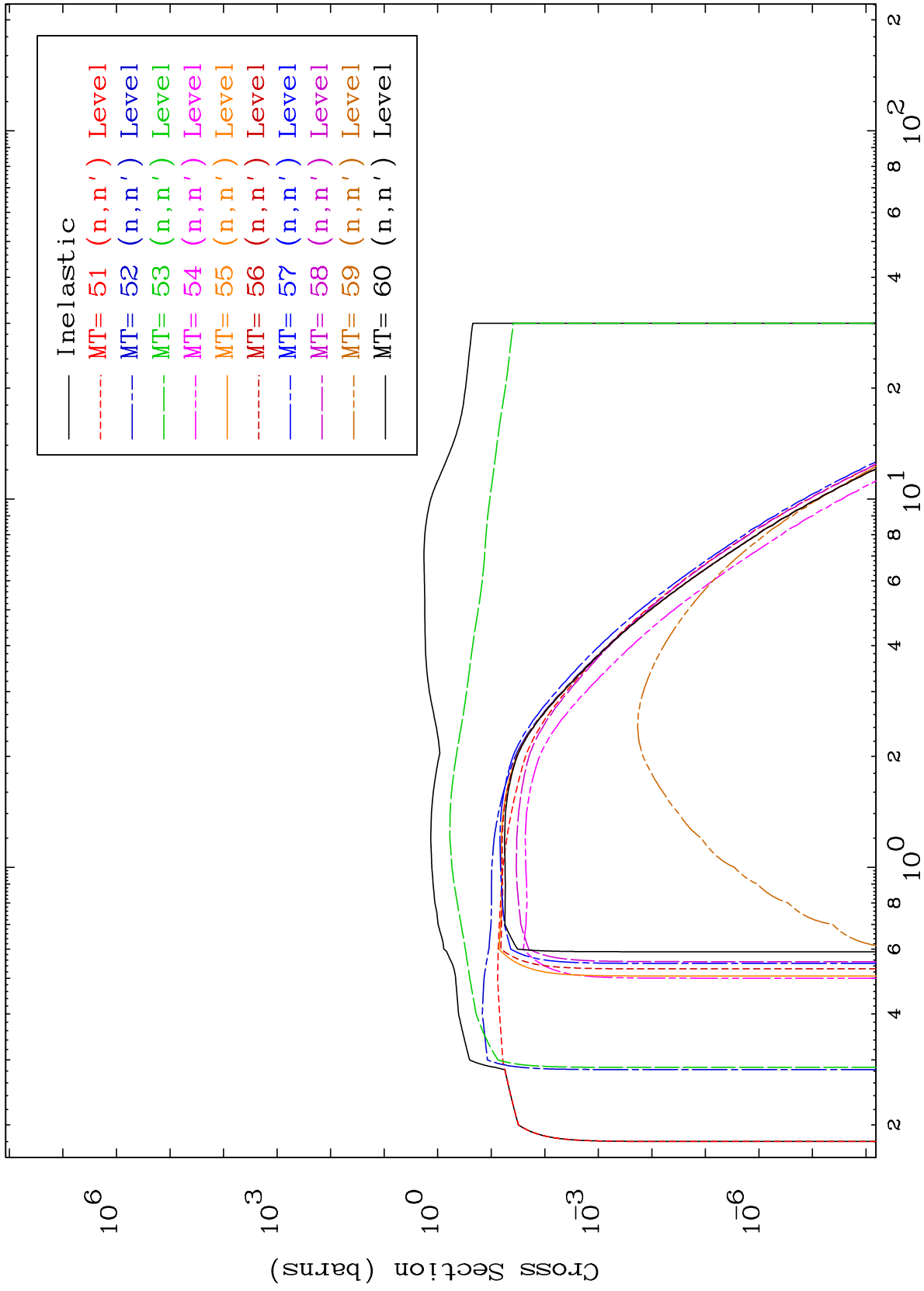


MAT 6298

(n,n') Level

63-Eu-142

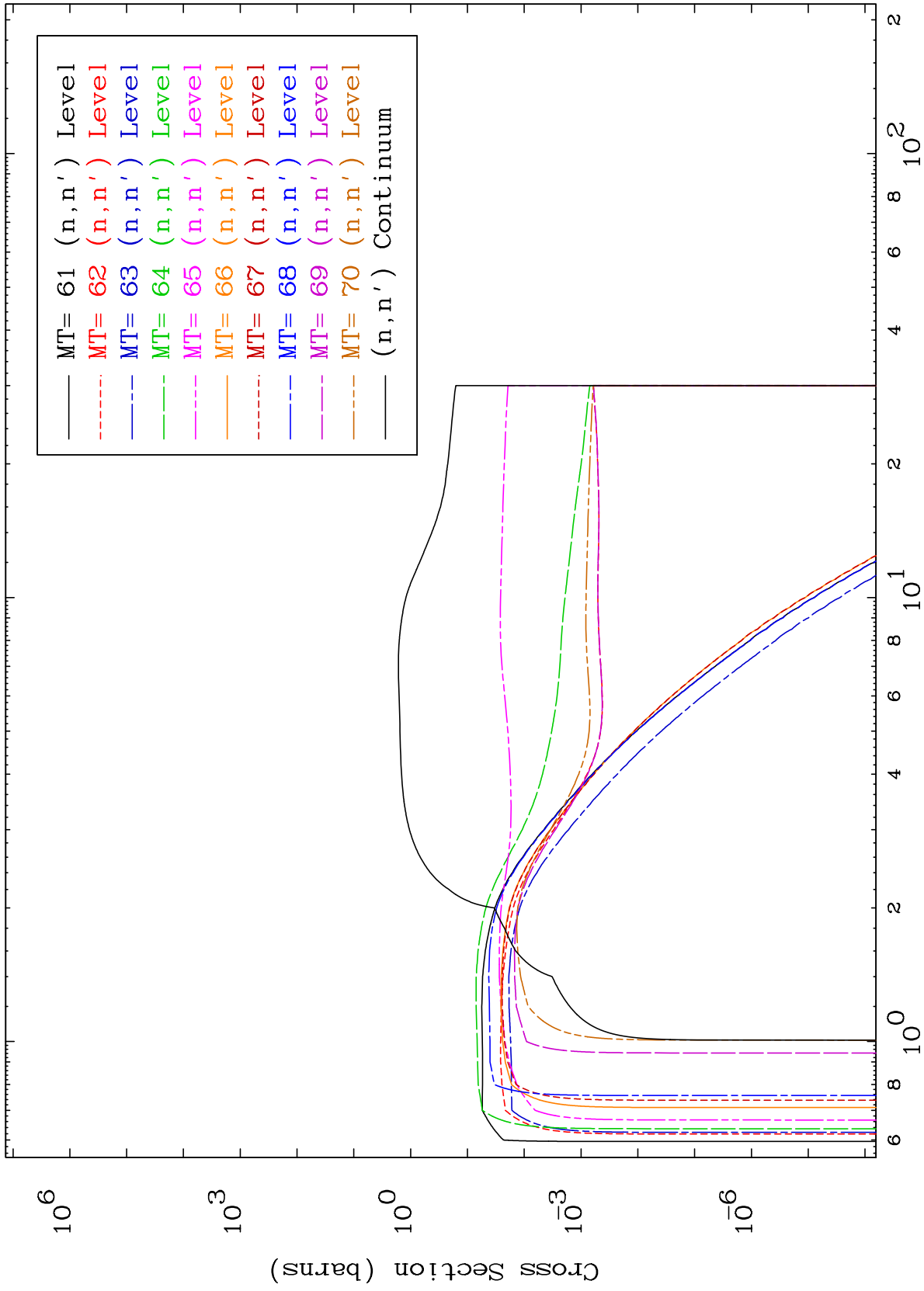
293 Kelvin Cross Sections



MAT 6298

(n,n') Level
293 Kelvin Cross Sections

63-Eu-142



8

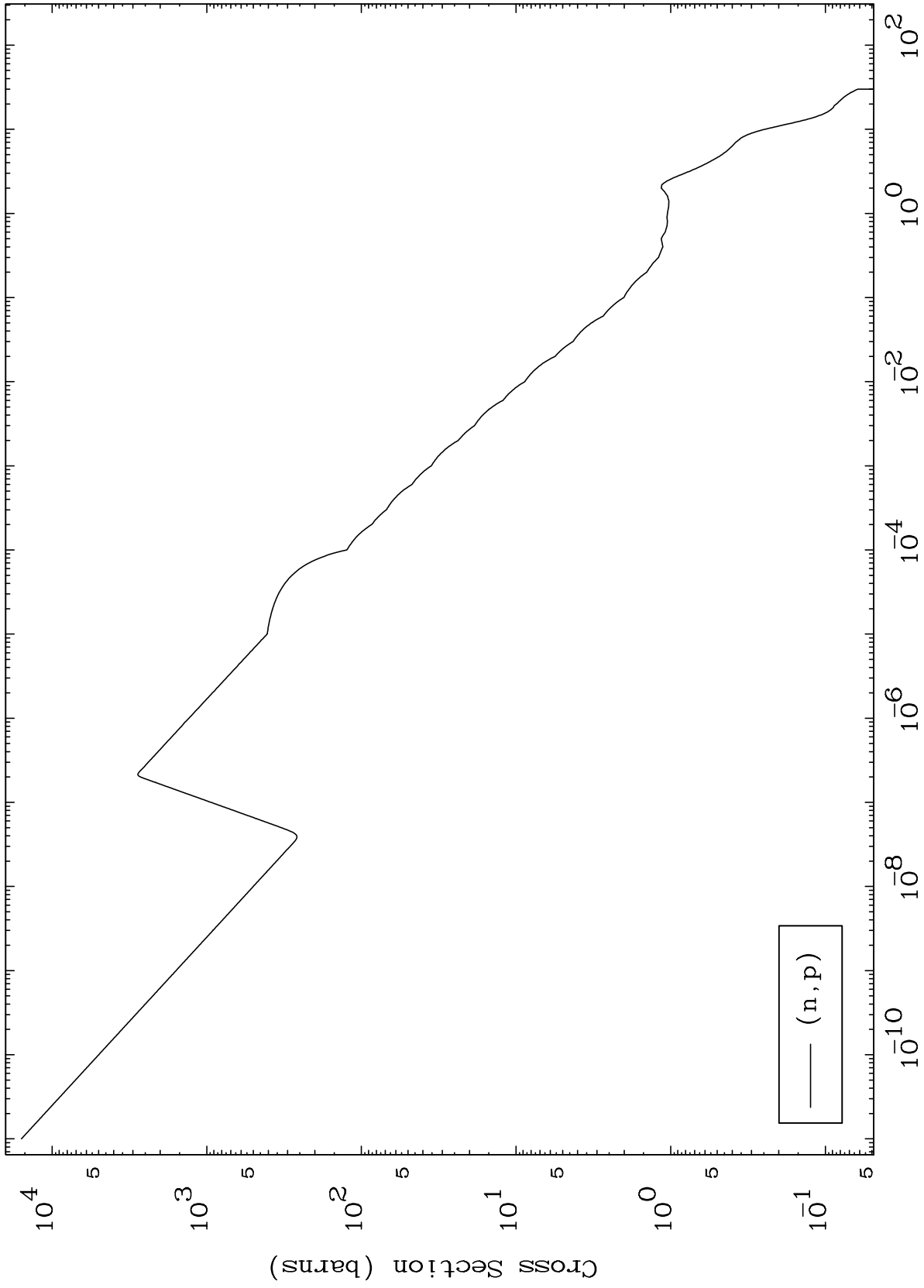
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,p) Levels
293 Kelvin Cross Sections

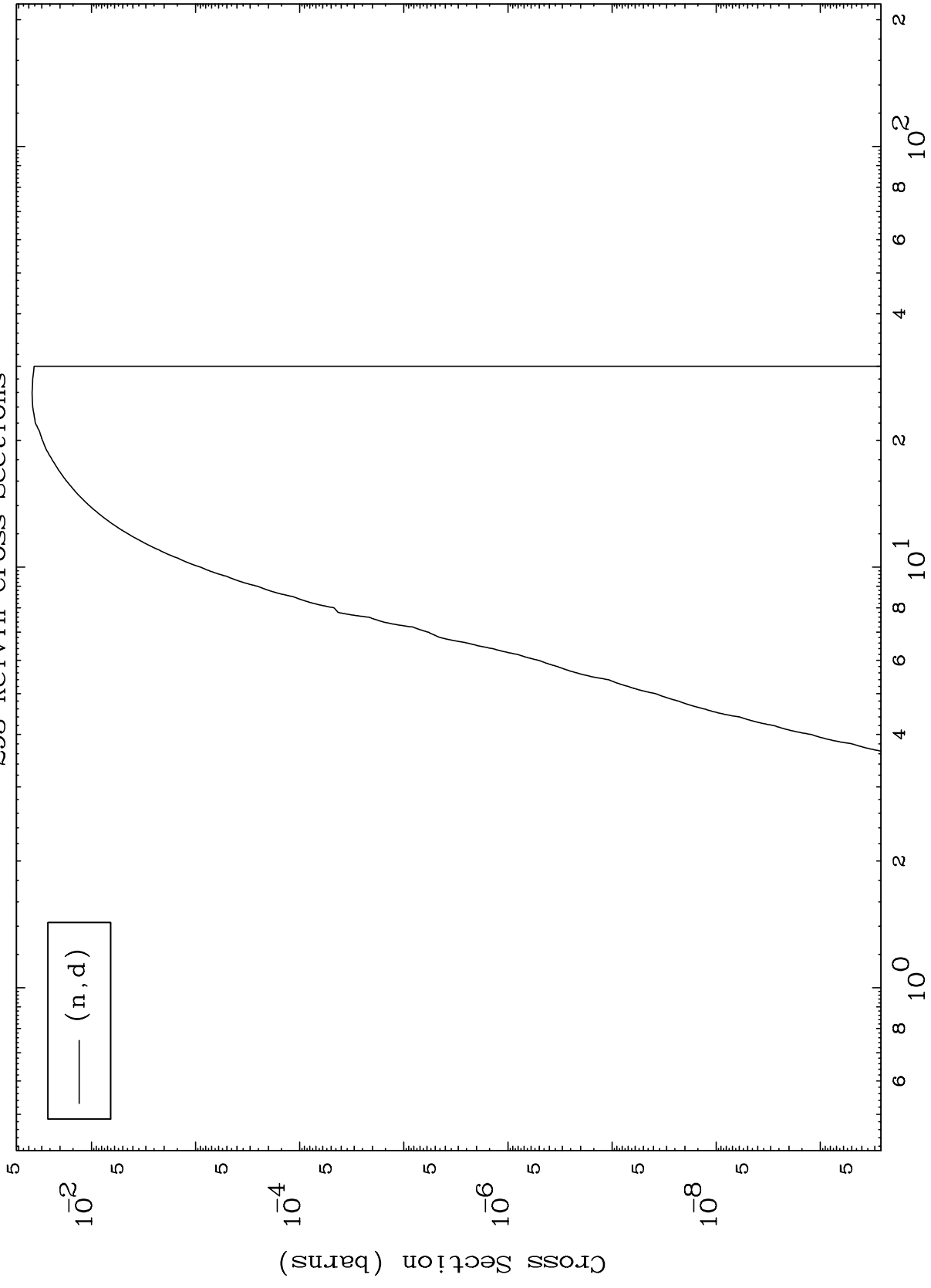
63-Eu-142



MAT 6298

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-142



10

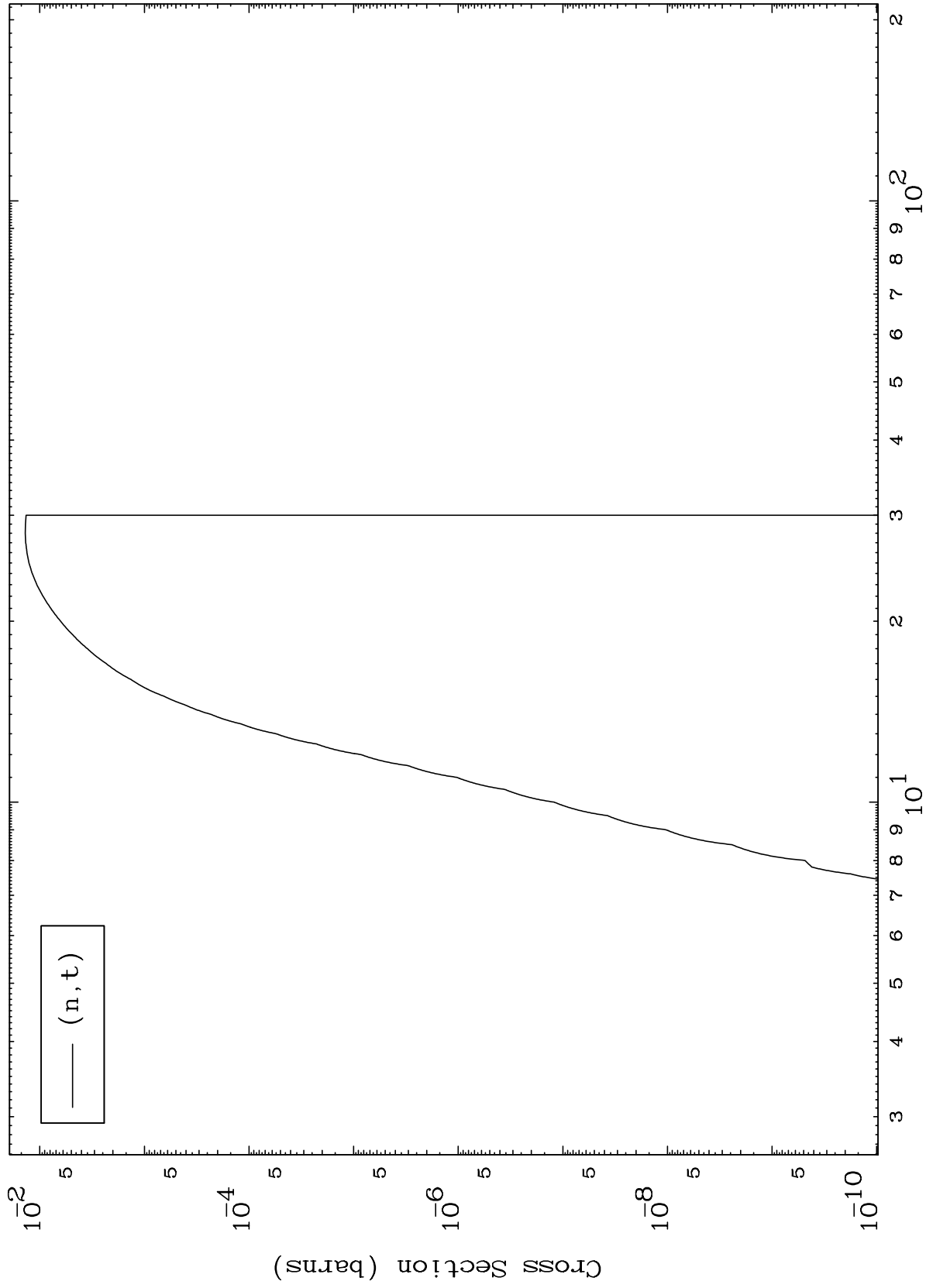
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-142



11

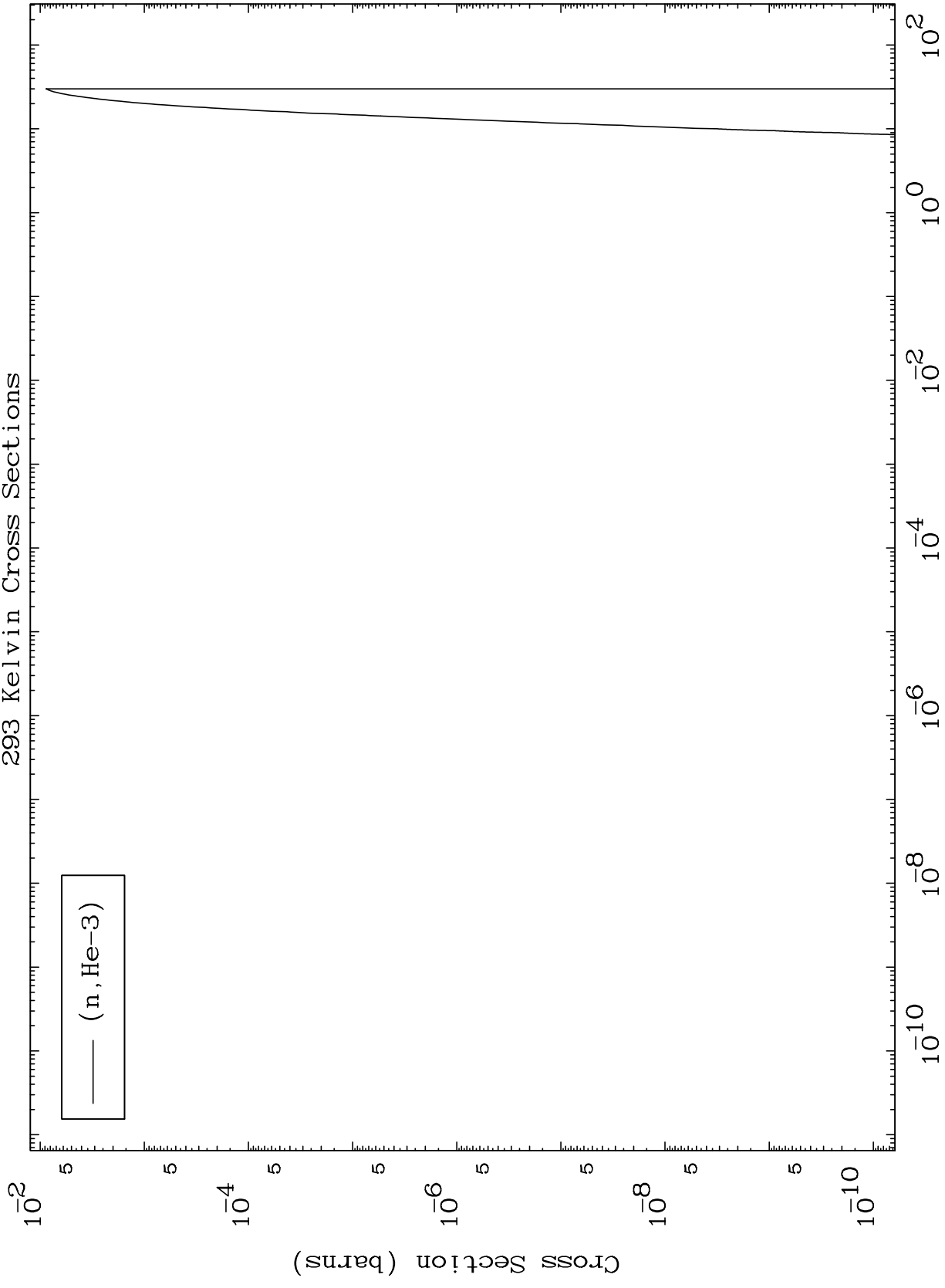
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-142



12

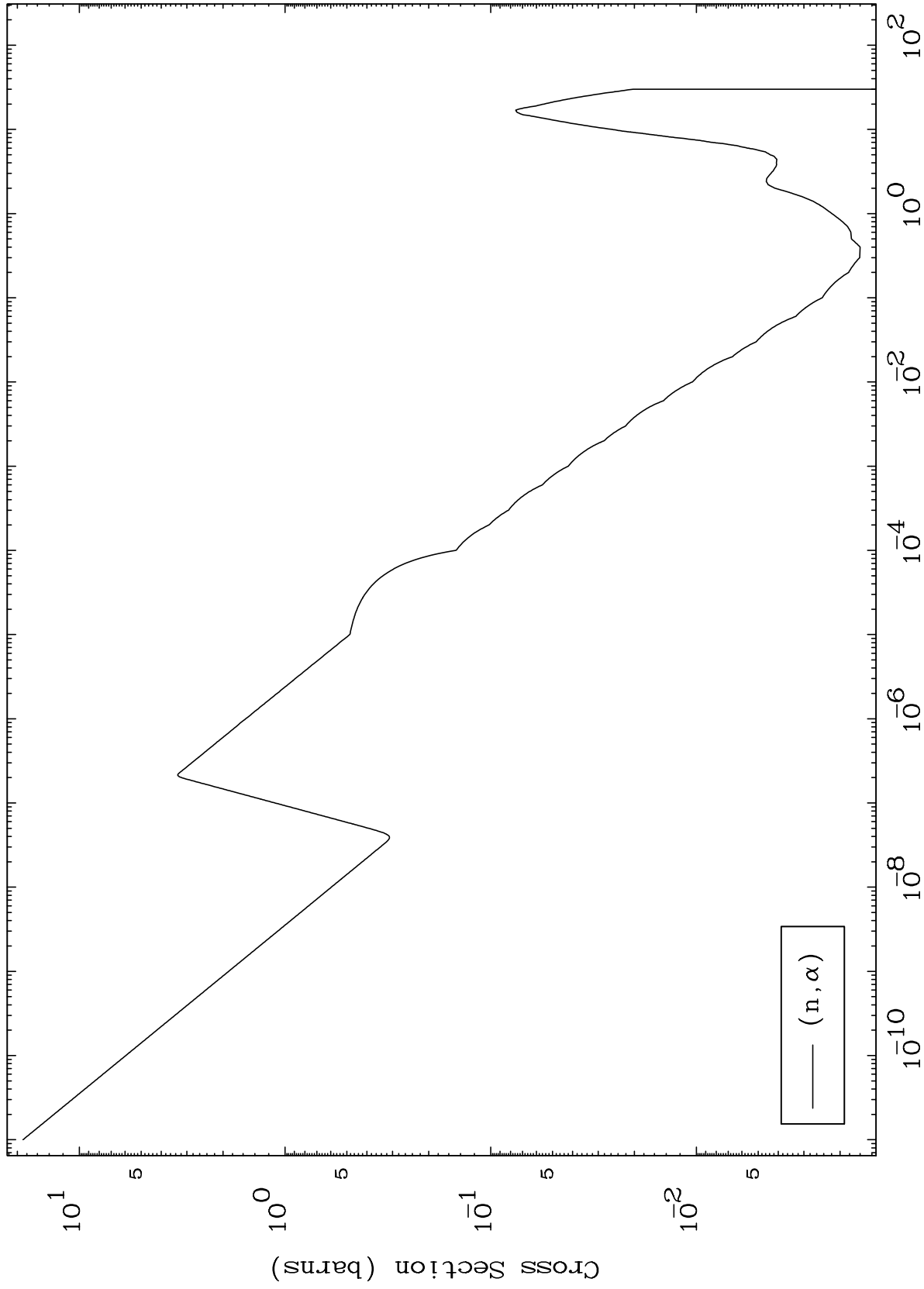
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n, α) Levels
293 Kelvin Cross Sections

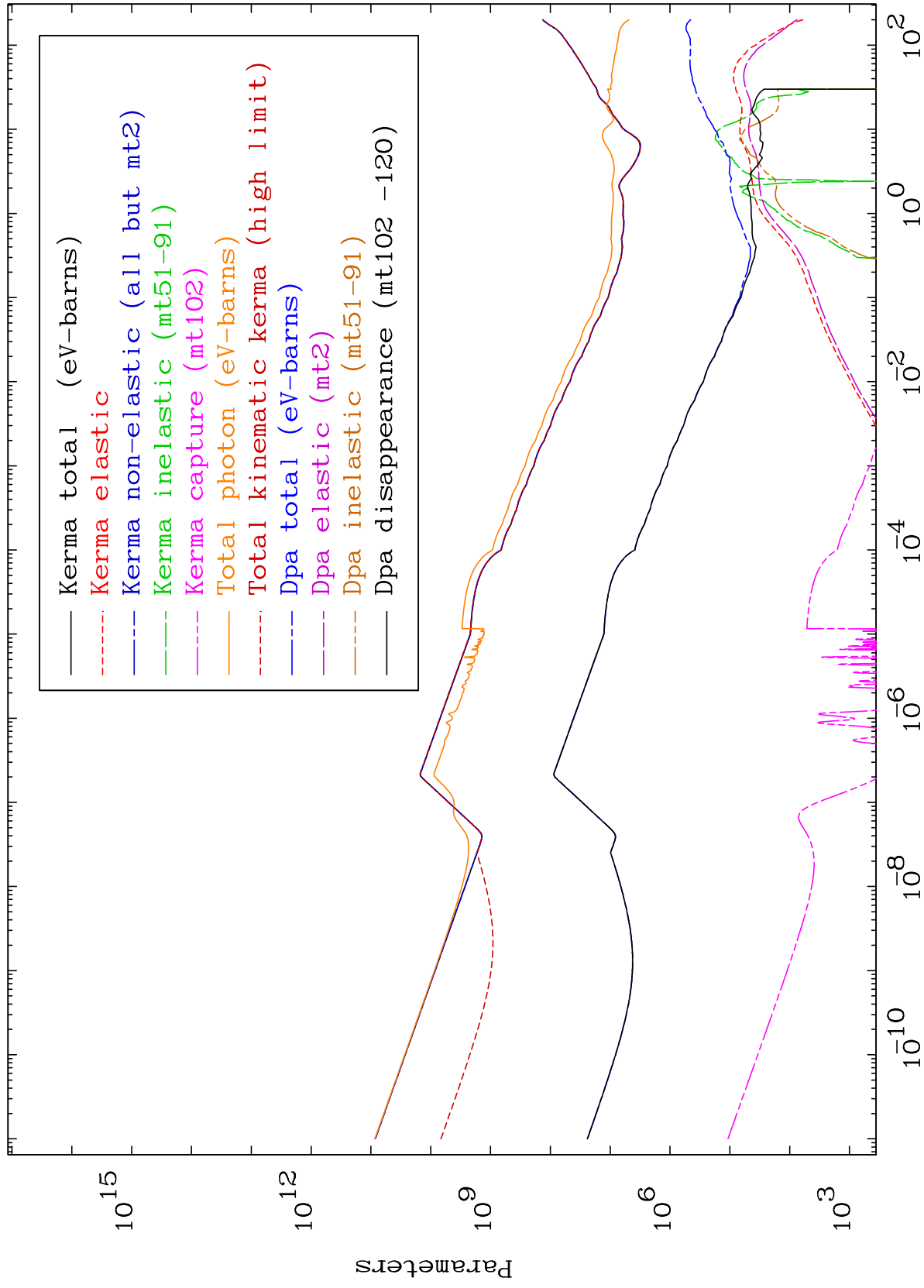
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13

Incident Energy (MeV)

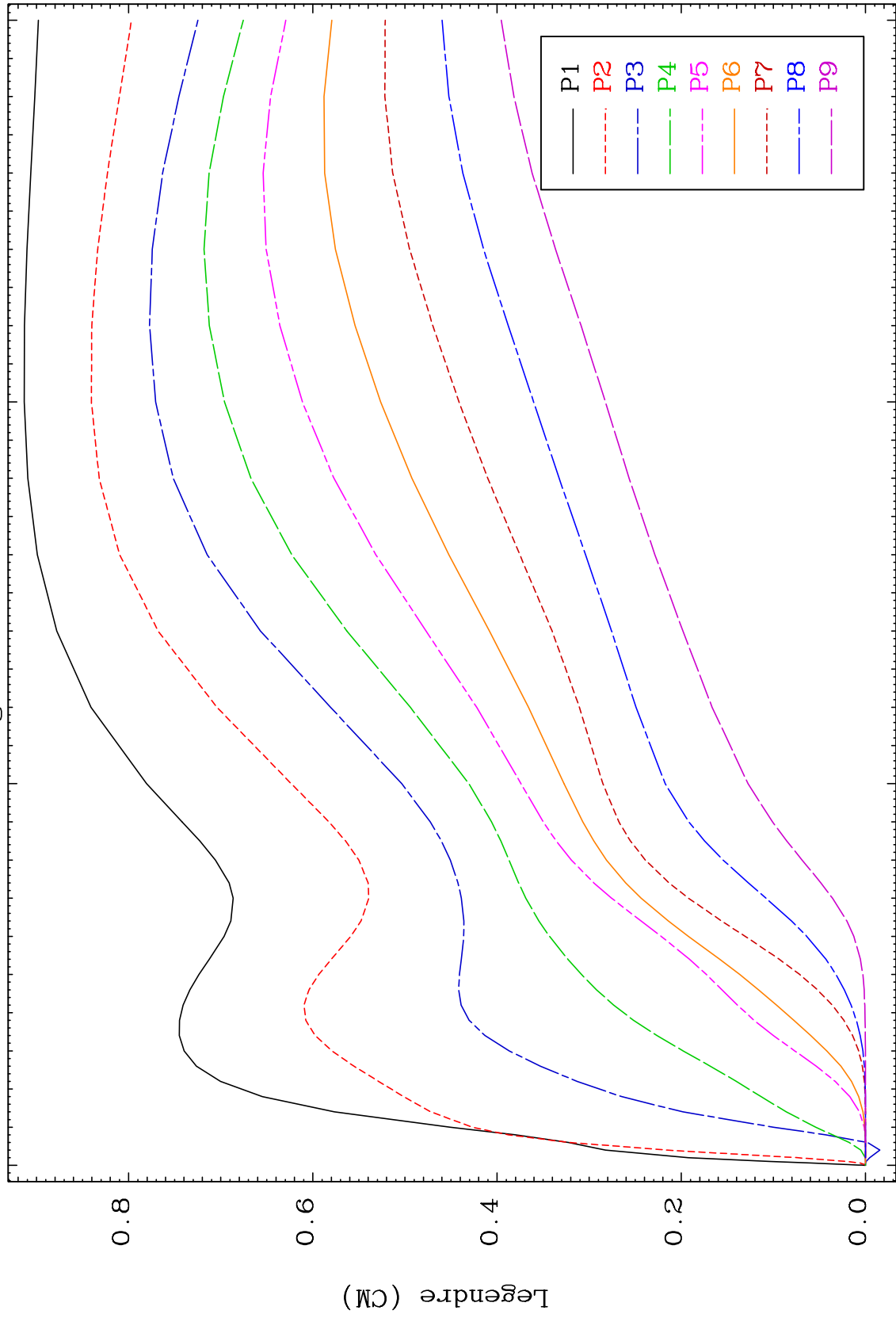
63-Eu-142



MAT 6298

Elastic Legendre Coefficients

63-Eu-142



15

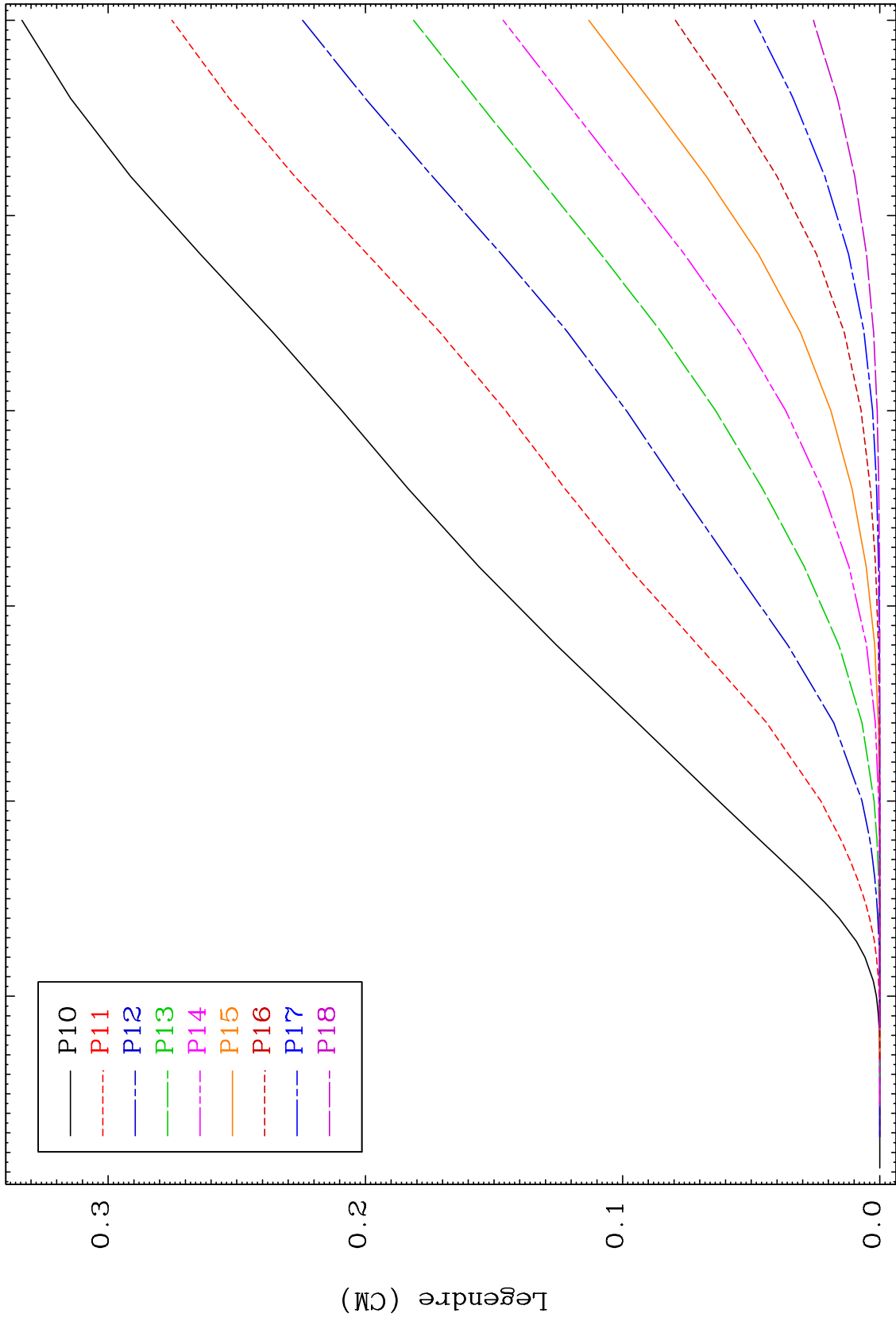
Incident Energy (MeV)

63-Eu-142

MAT 6298

Elastic Legendre Coefficients

63-Eu-142



16

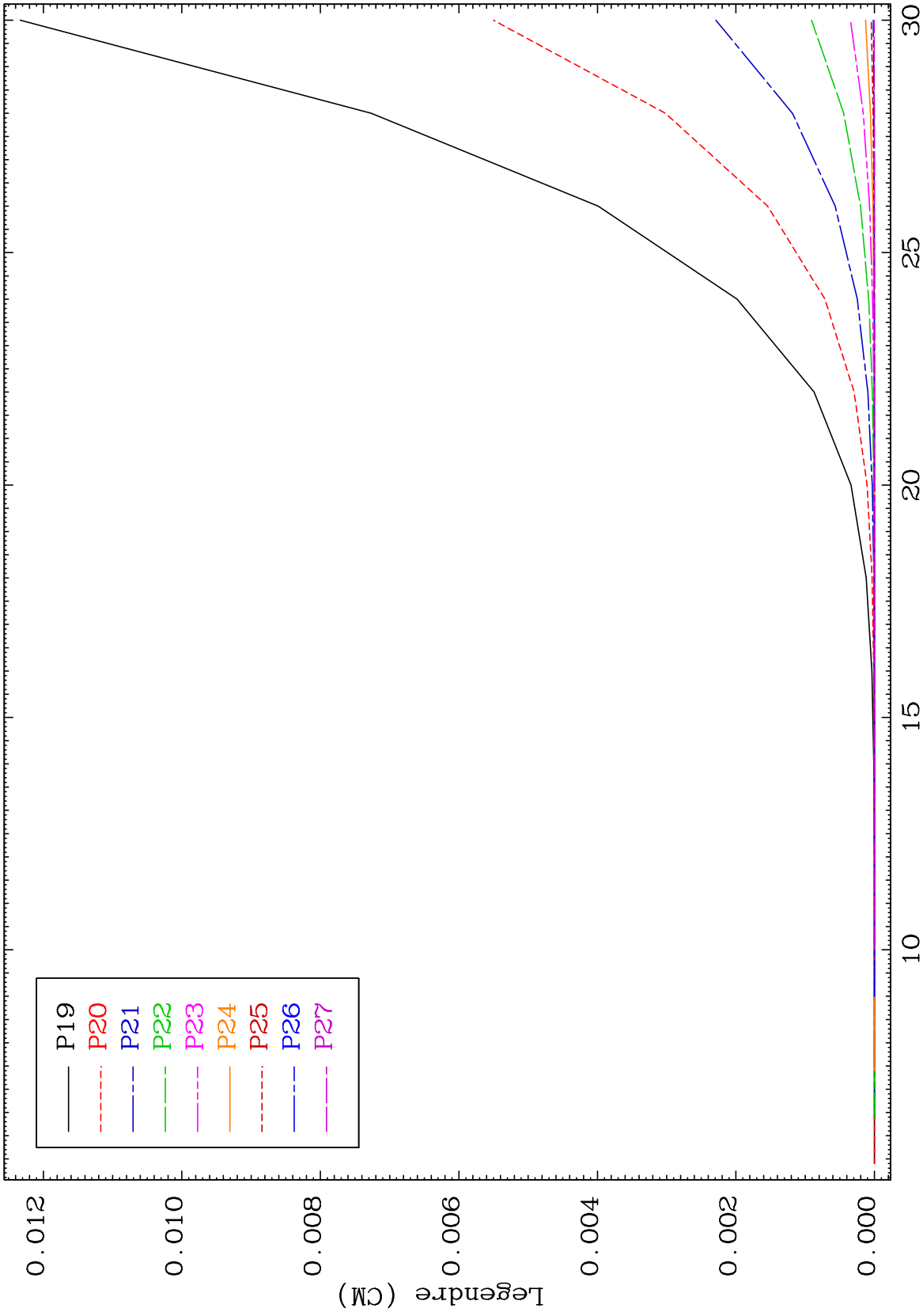
Incident Energy (MeV)

63-Eu-142

MAT 6298

Elastic Legendre Coefficients

63-Eu-142



17

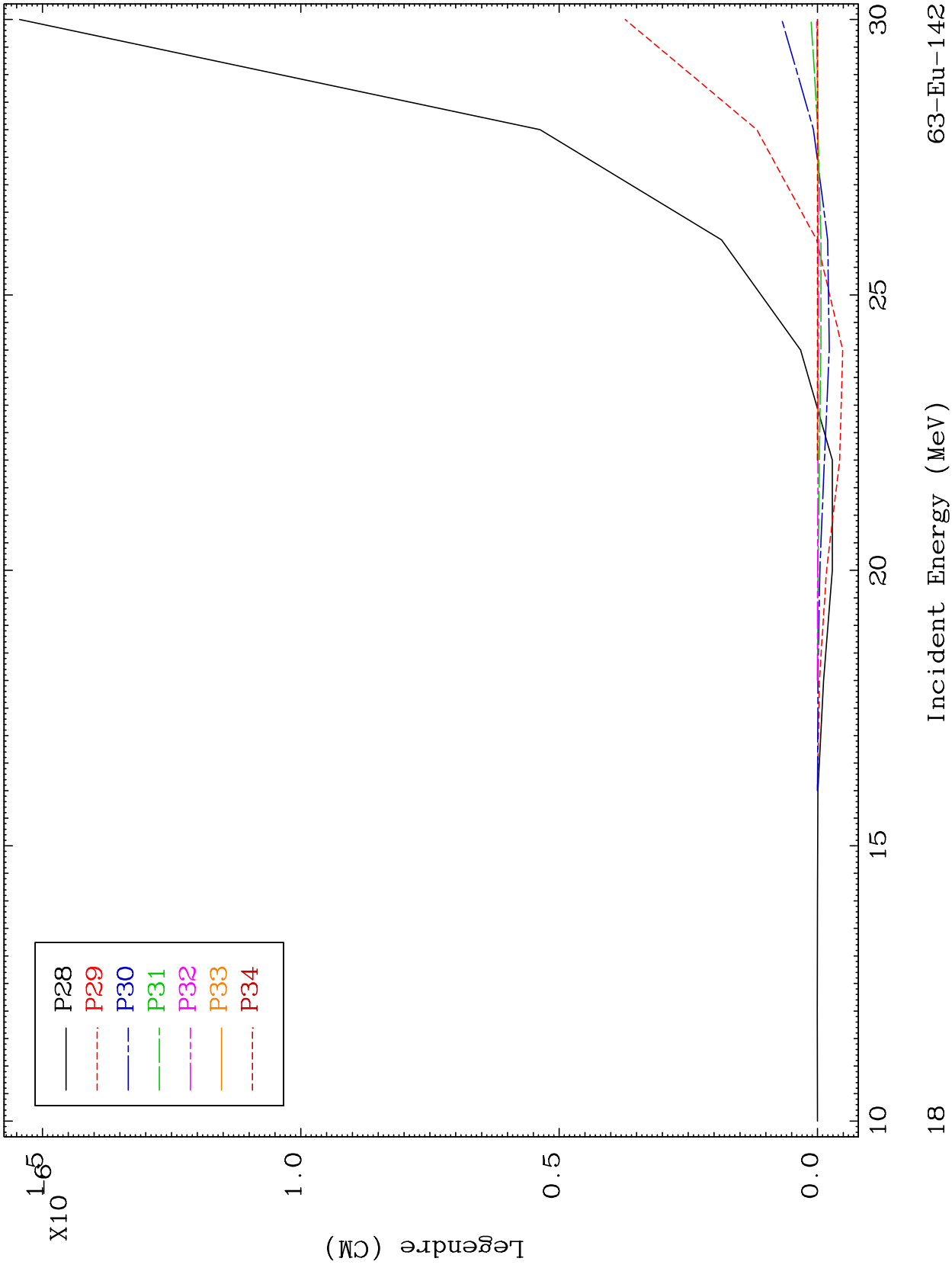
Incident Energy (MeV)

63-Eu-142

MAT 6298

Elastic Legendre Coefficients

63-Eu-142



18

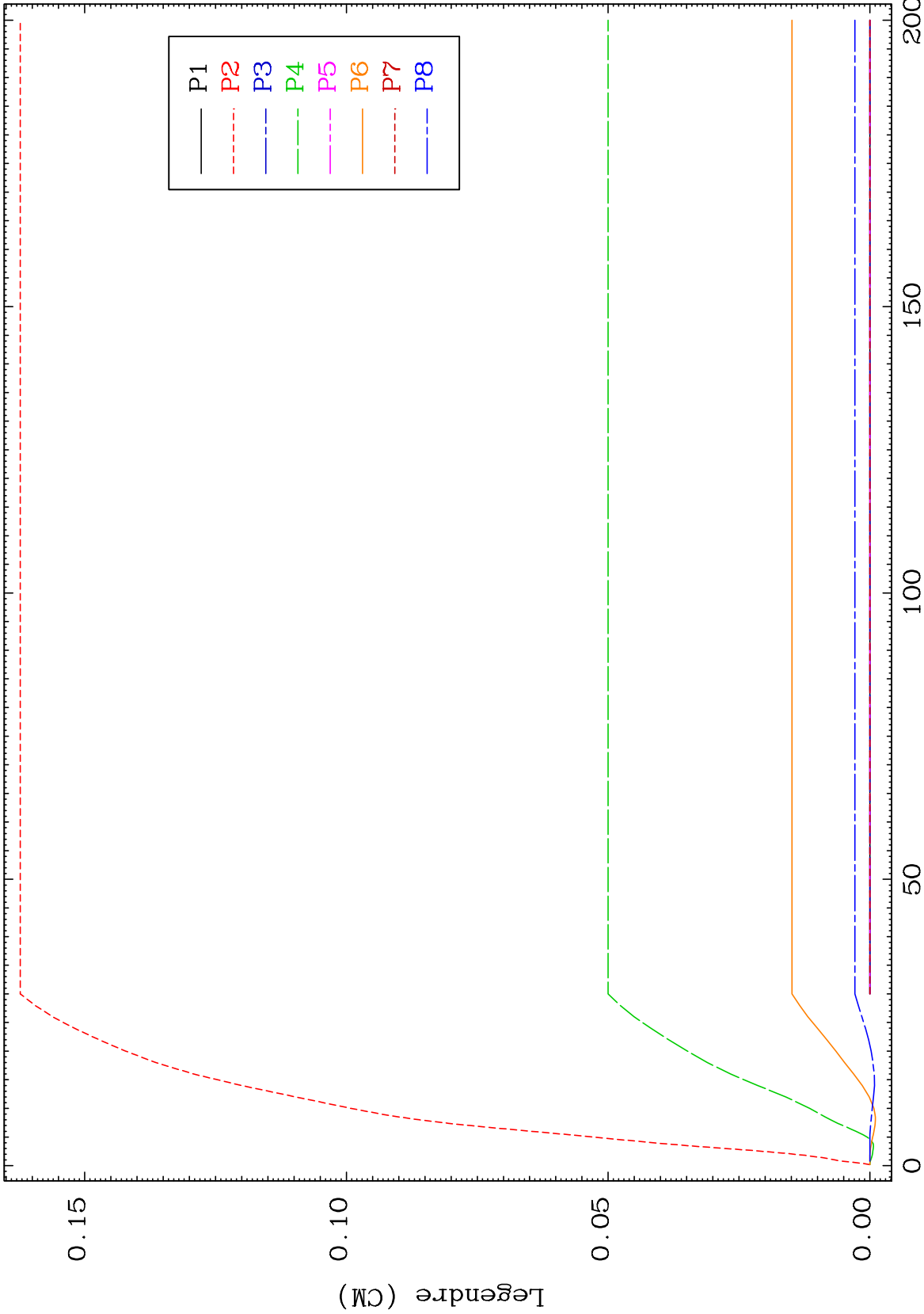
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



19

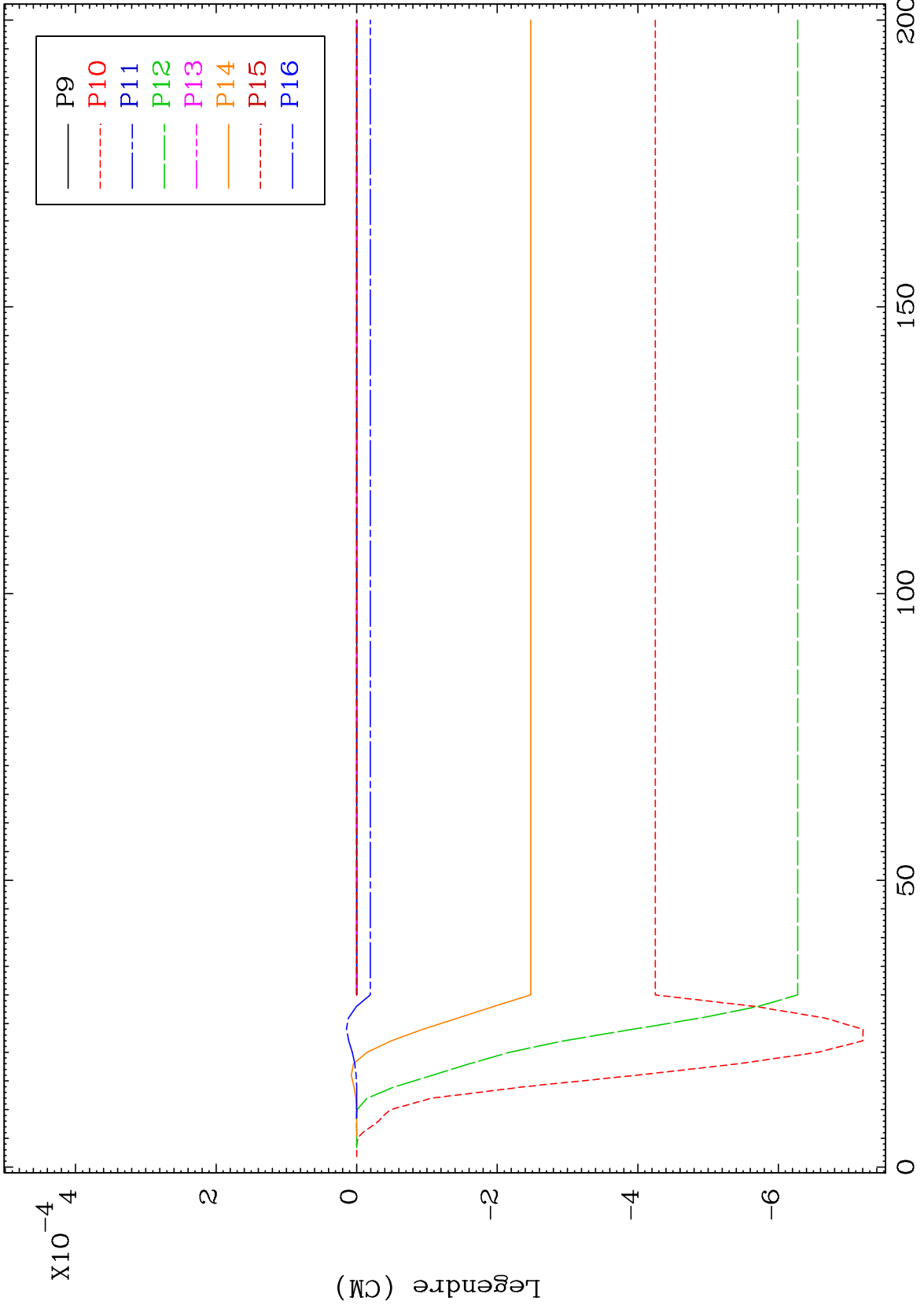
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



20

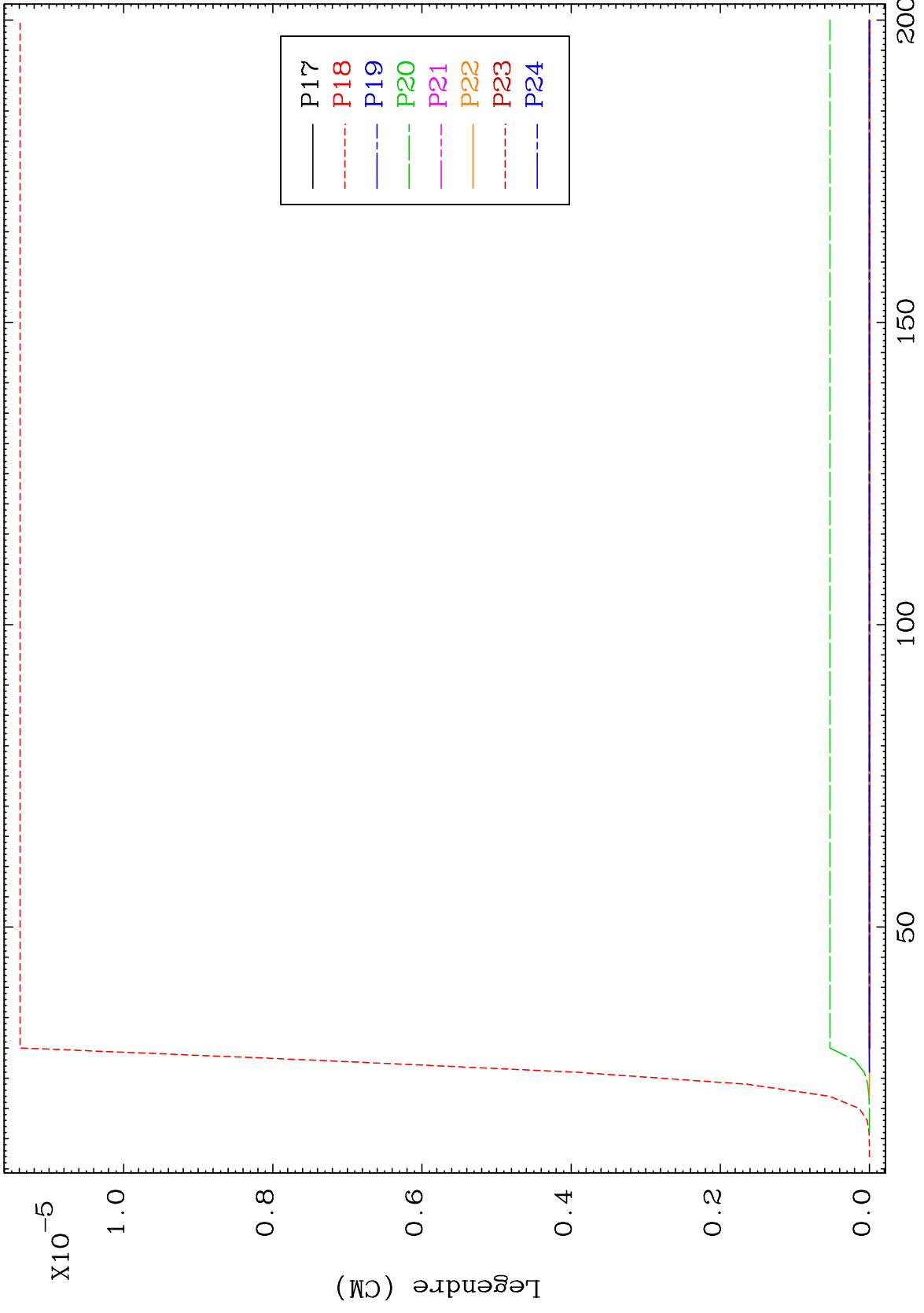
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



21

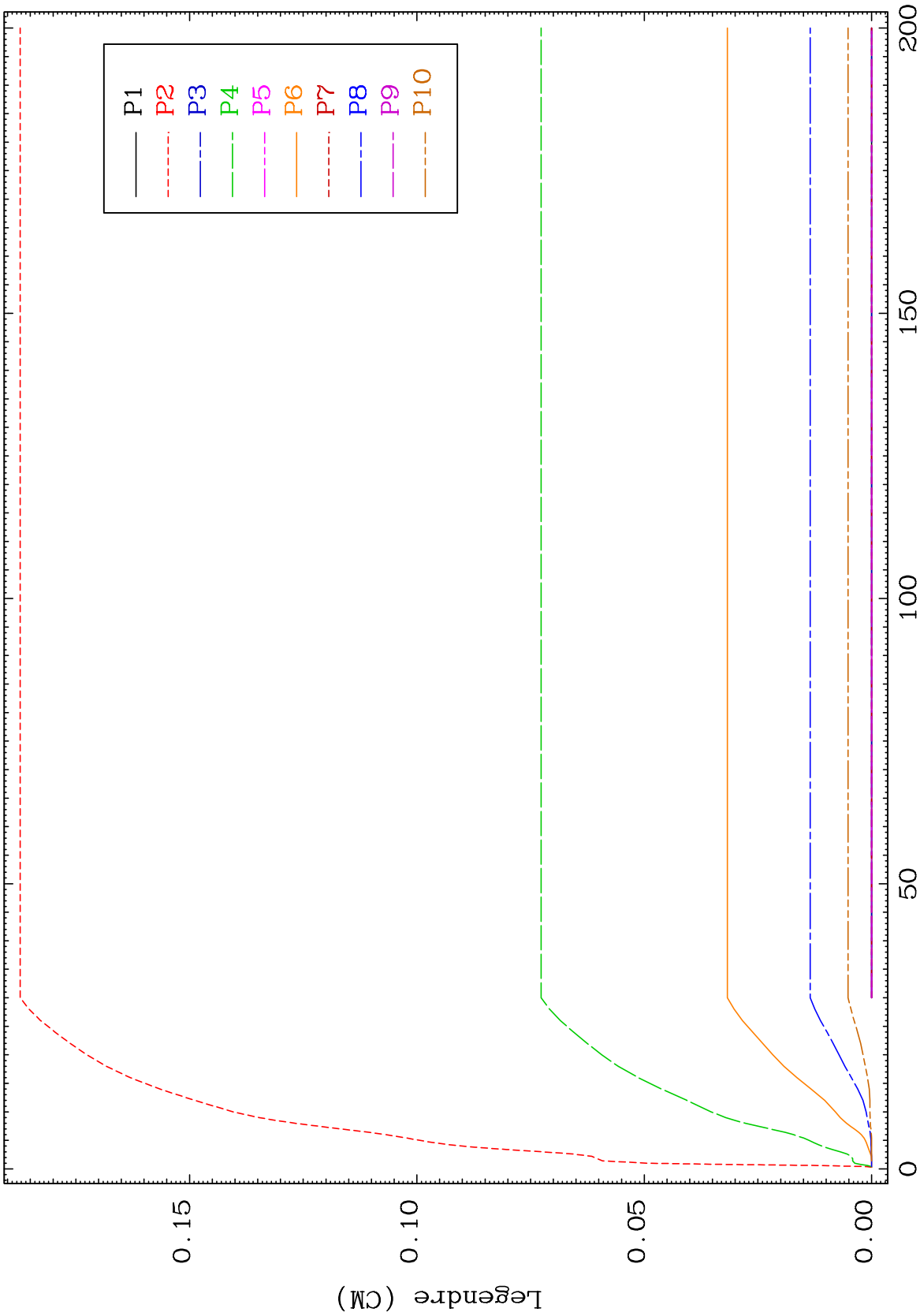
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



22

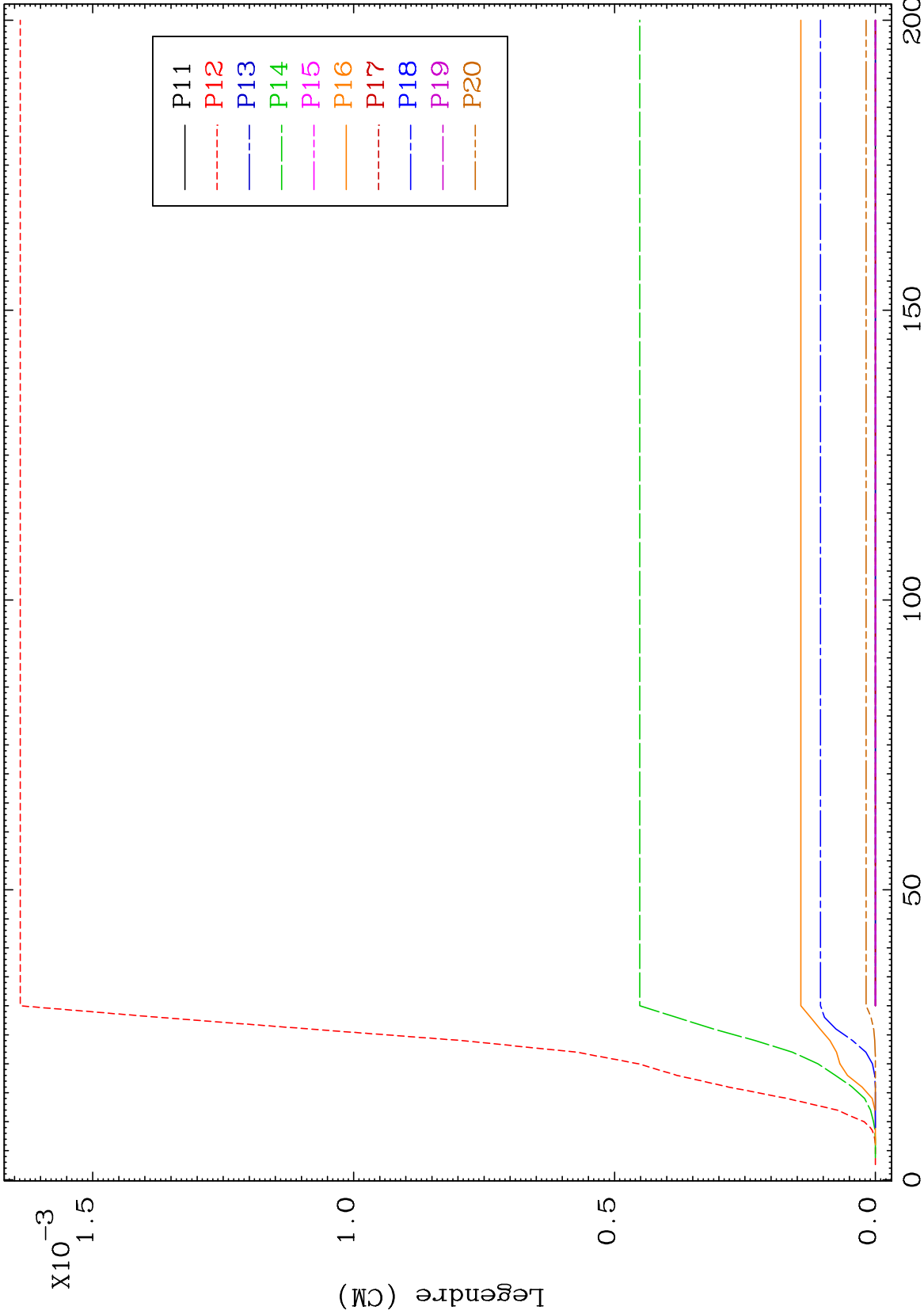
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142

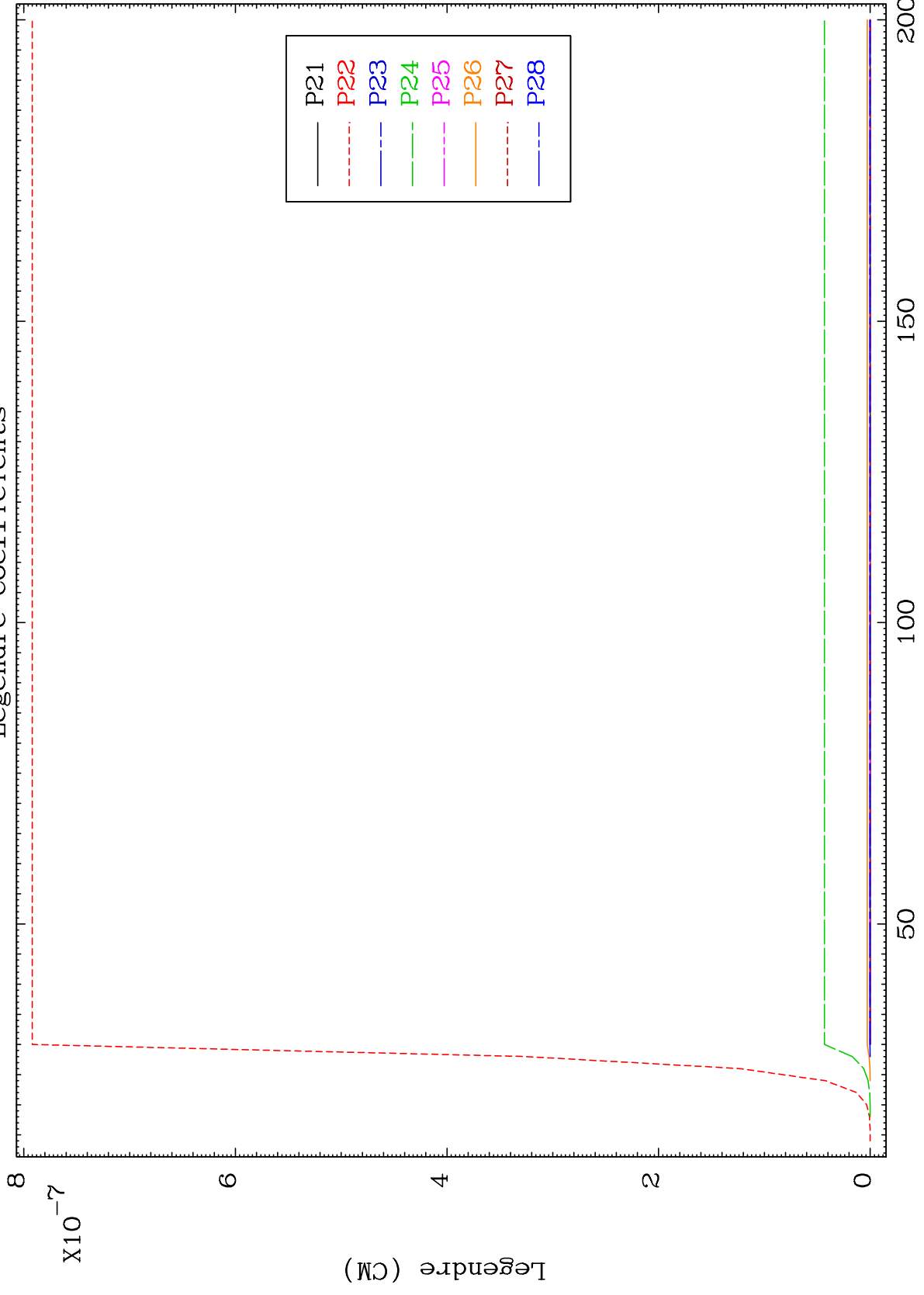


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Incident Energy (MeV)

63-Eu-142

MAT 6298 MT= 52 (n,n') Level Legendre Coefficients 63-Eu-142

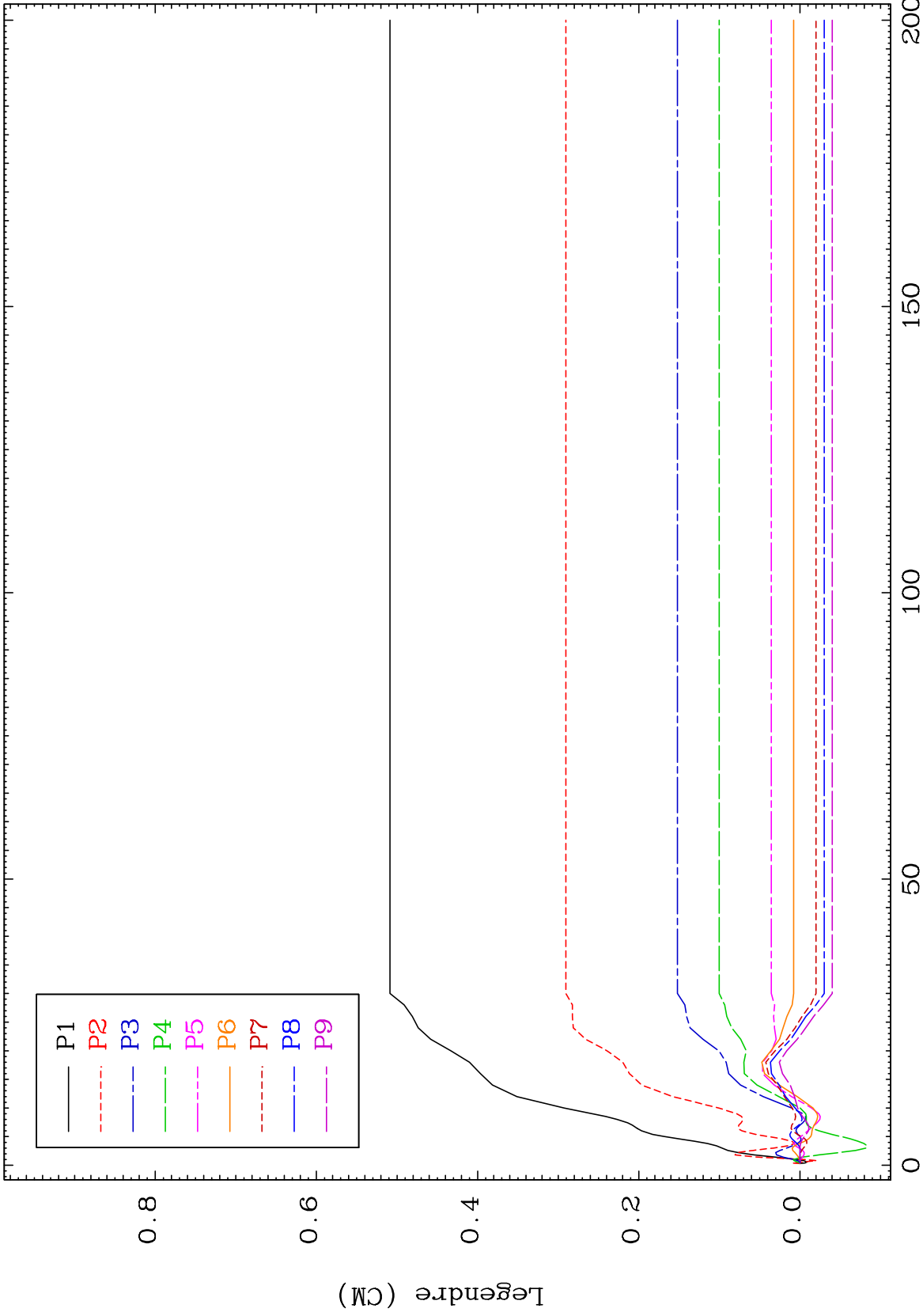


24 63-Eu-142

MAT 6298

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

63-Eu-142



25

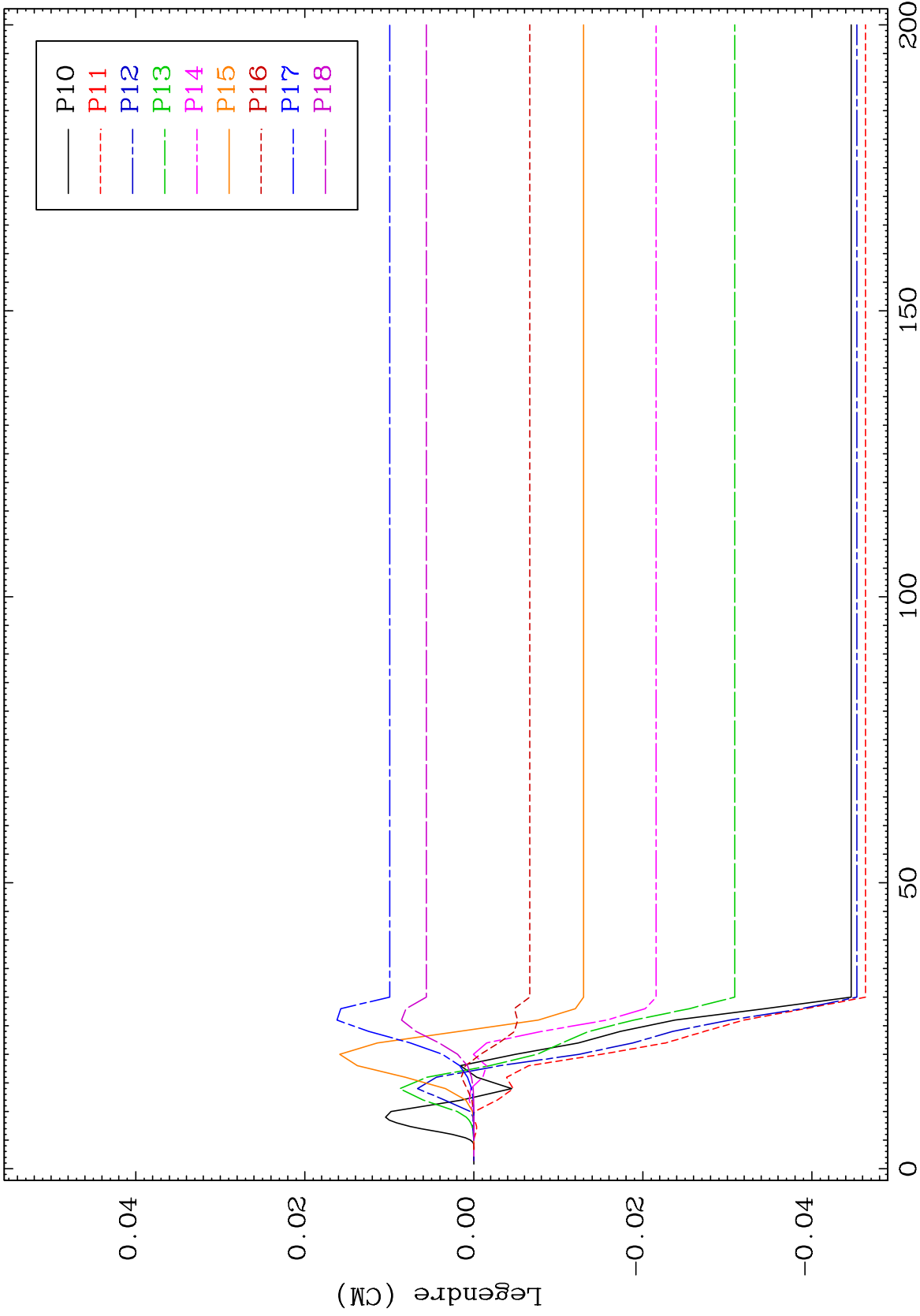
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



26

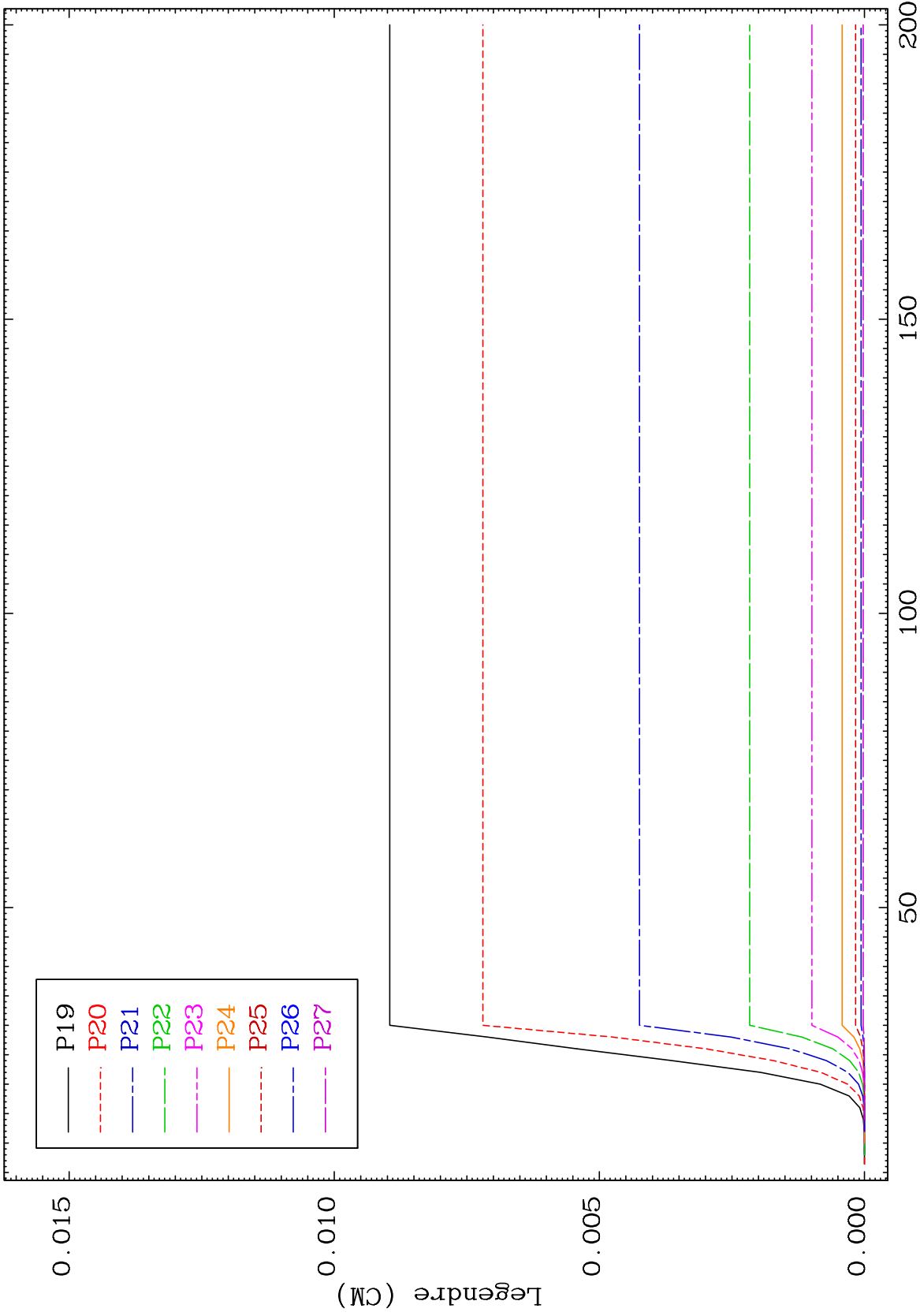
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



27

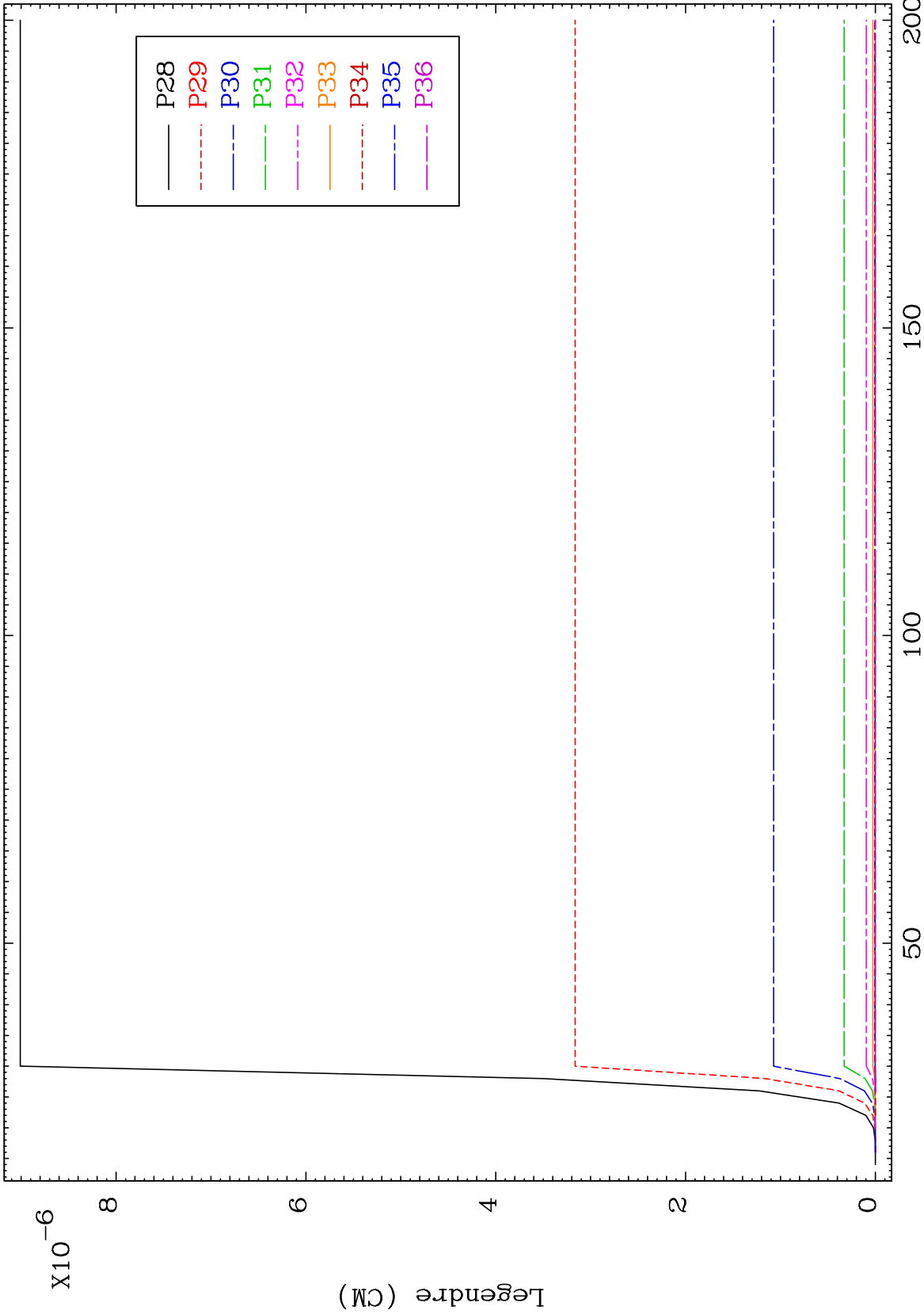
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142

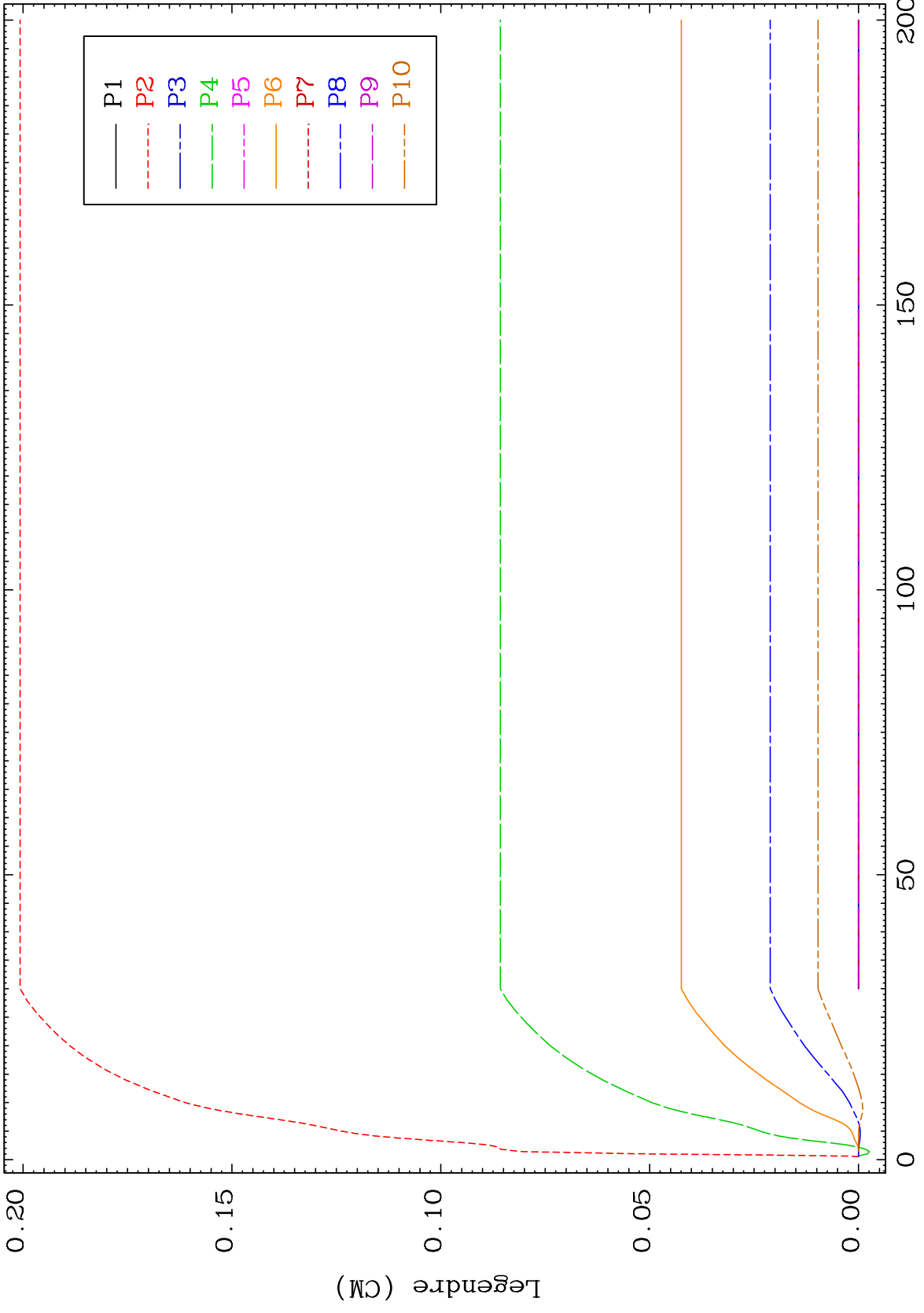


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Incident Energy (MeV)

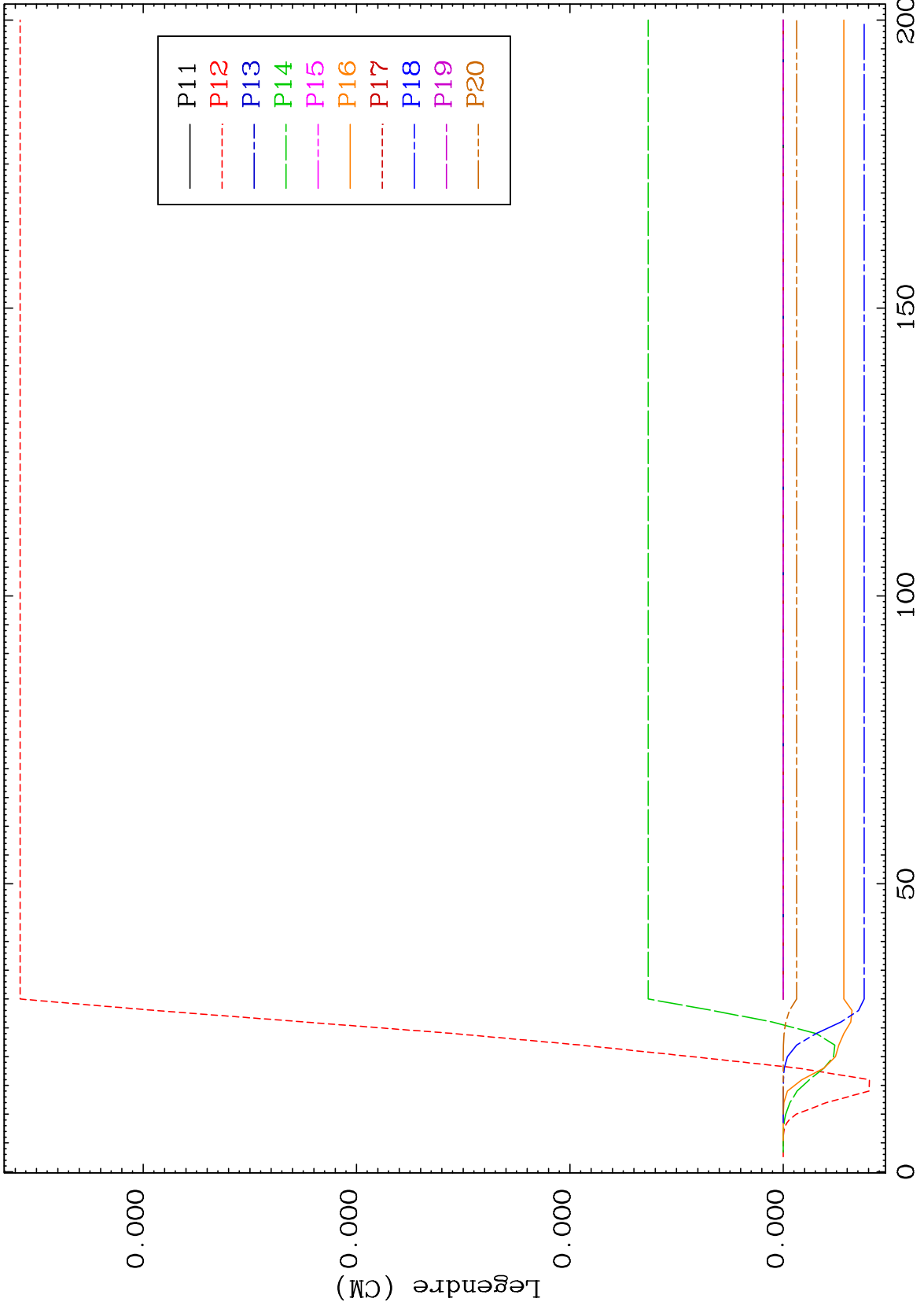
63-Eu-142

MAT 6298 MT= 54 (n,n') Level Legendre Coefficients 63-Eu-142



29 Incident Energy (MeV) 63-Eu-142

MAT 6298 MT= 54 (n,n') Level Legendre Coefficients 63-Eu-142

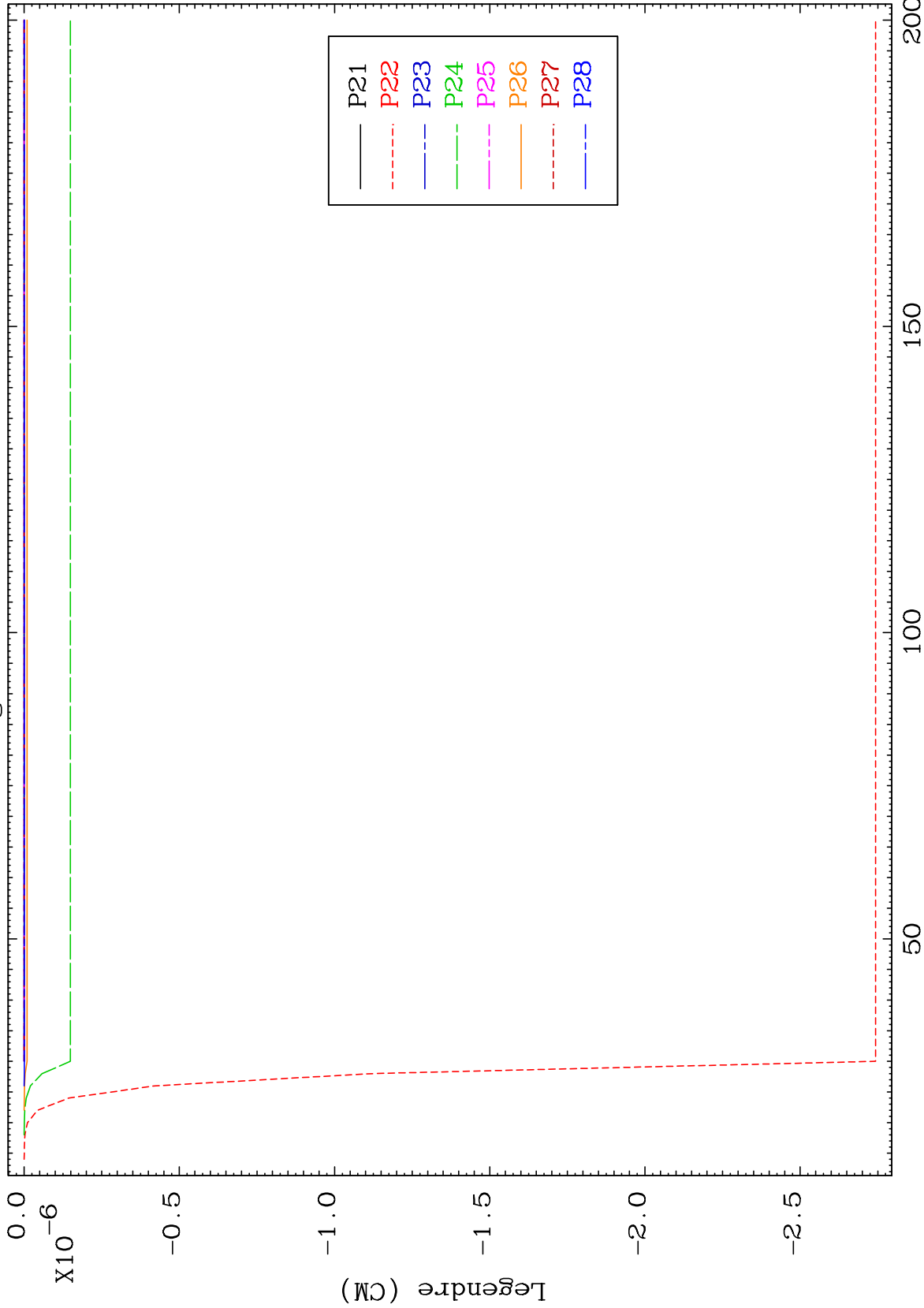


30 Incident Energy (MeV) 63-Eu-142

MAT 6298

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

63-Eu-142



31

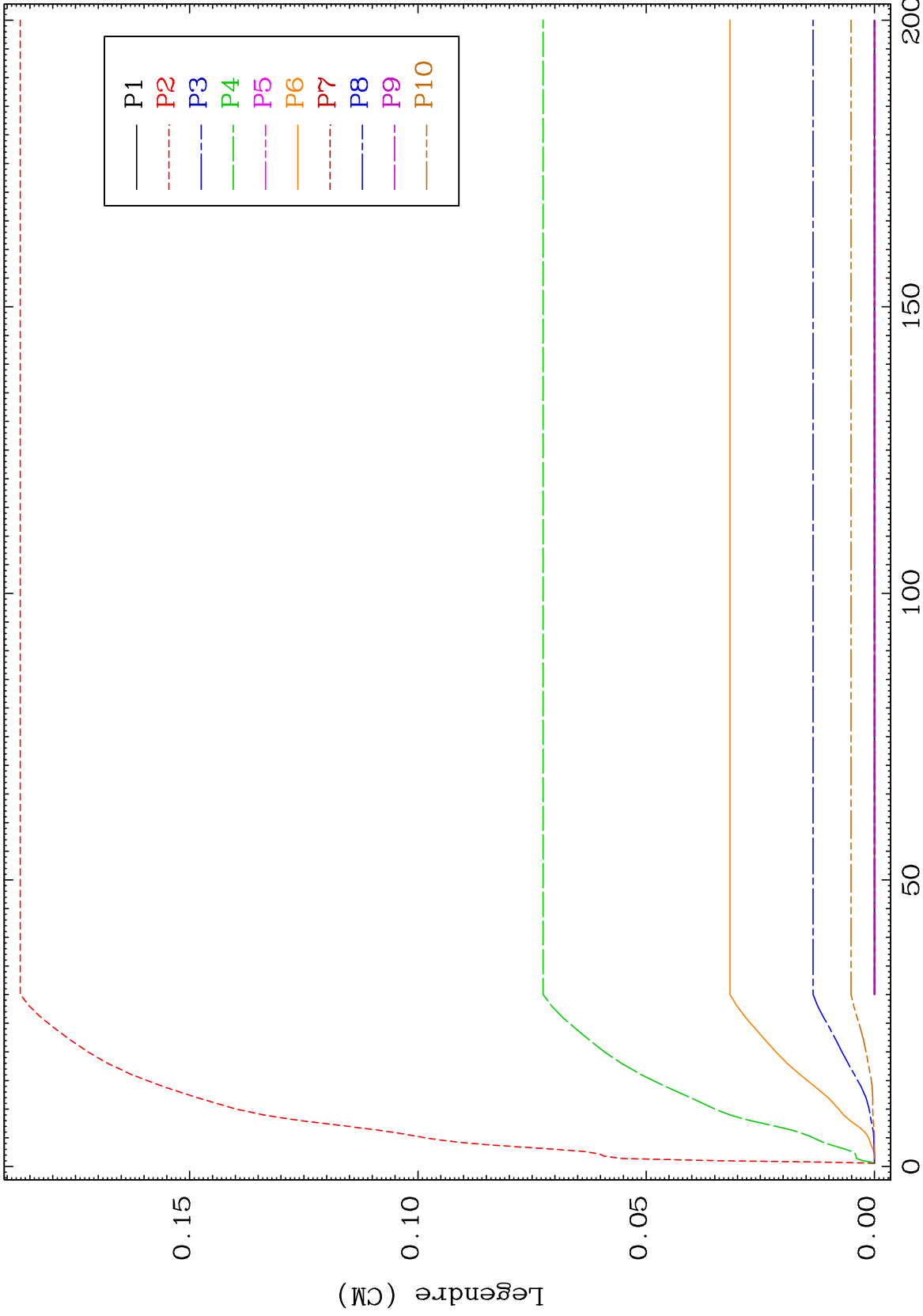
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



32

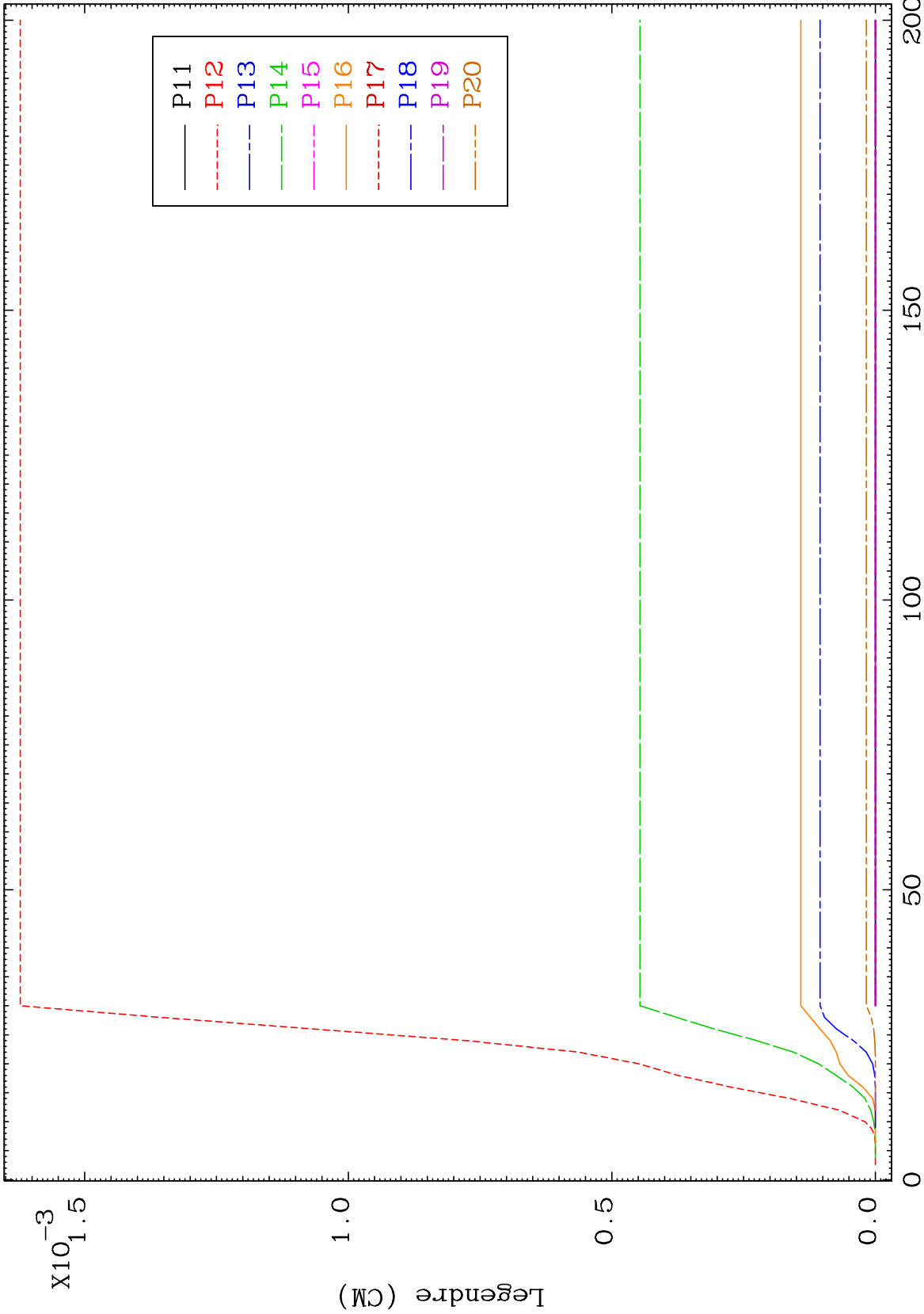
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



33

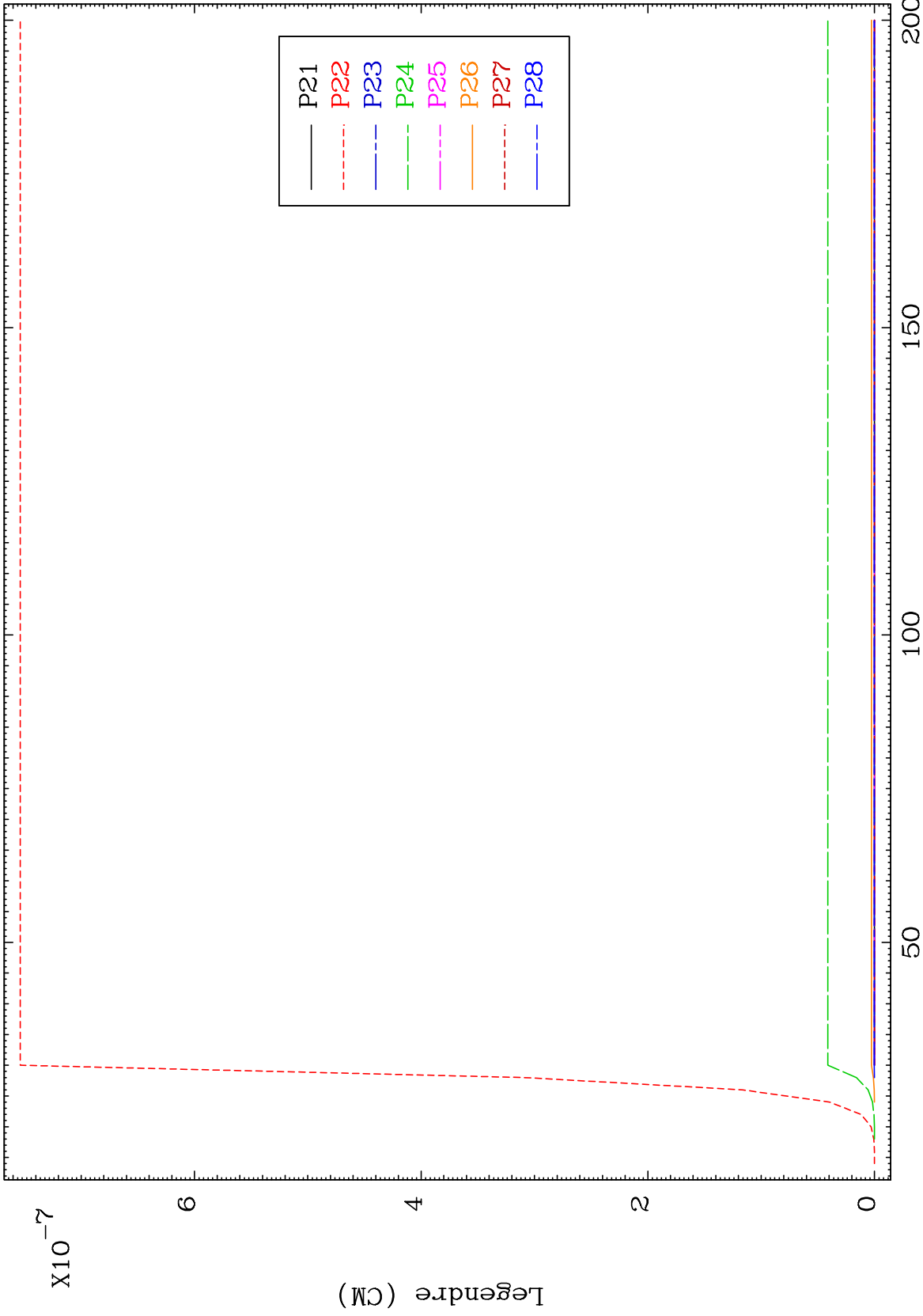
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142

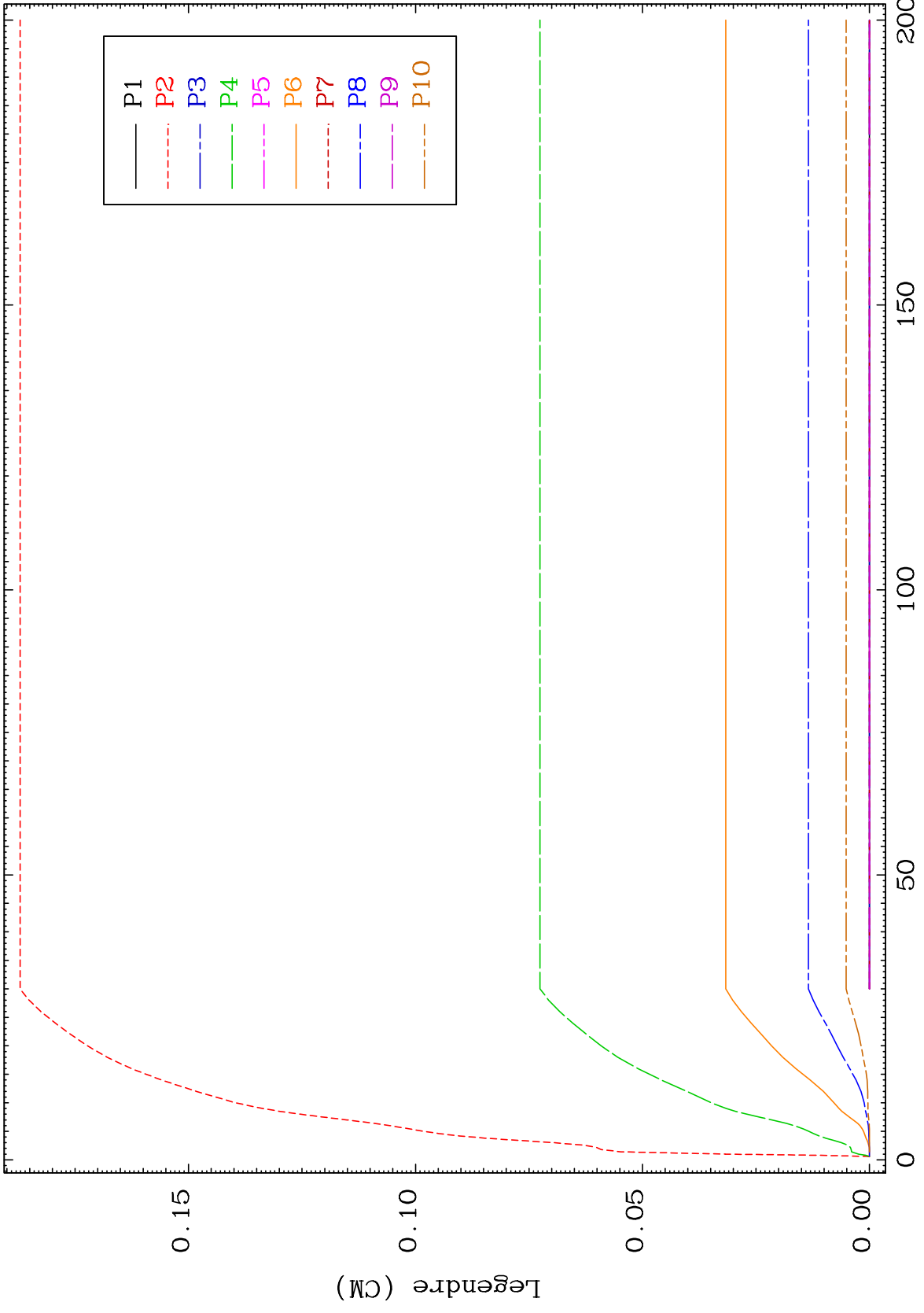


34

Incident Energy (MeV)

63-Eu-142

MAT 6298 MT= 56 (n,n') Level Legendre Coefficients 63-Eu-142

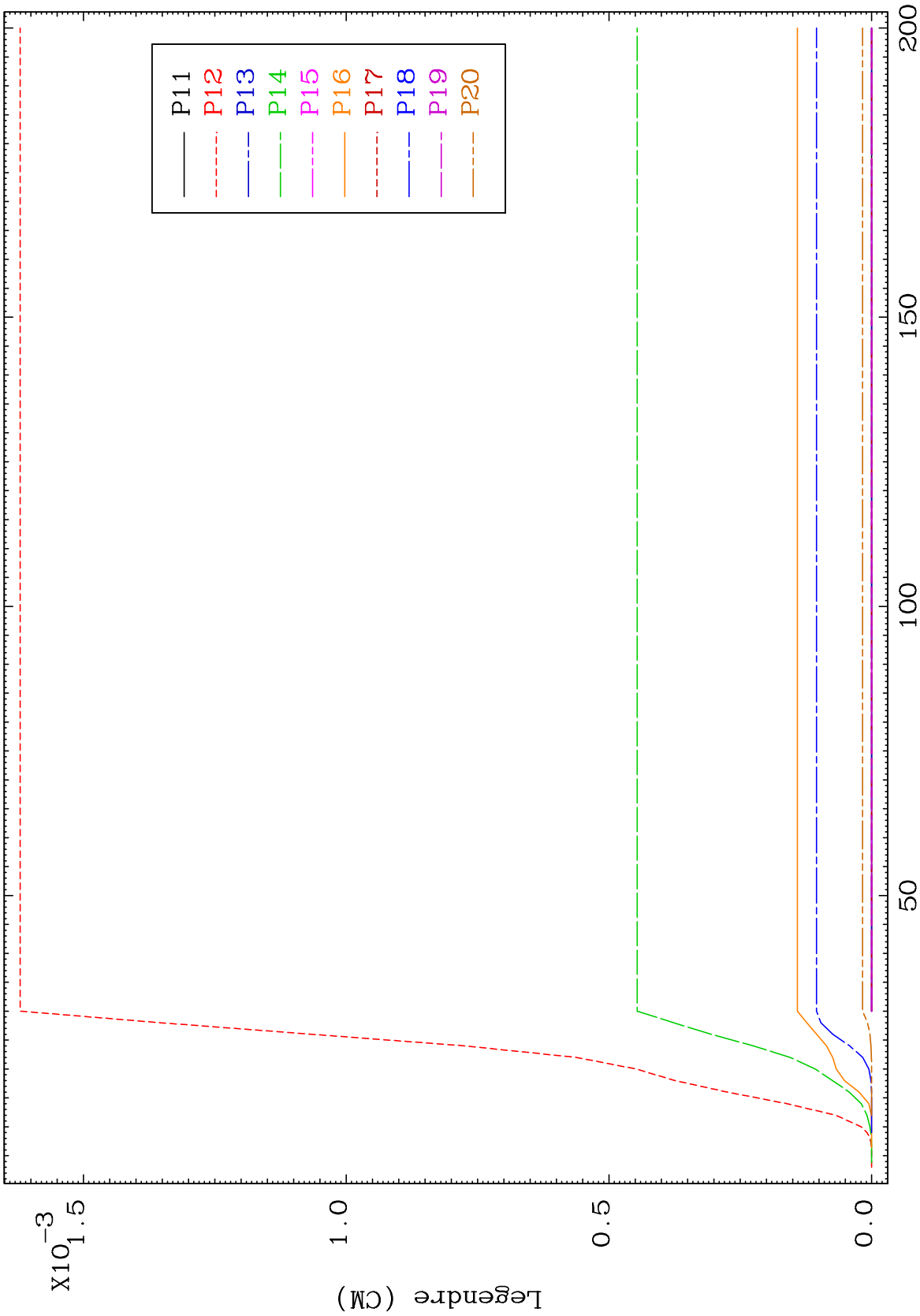


35 Incident Energy (MeV) 63-Eu-142

MAT 6298

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

63-Eu-142



36

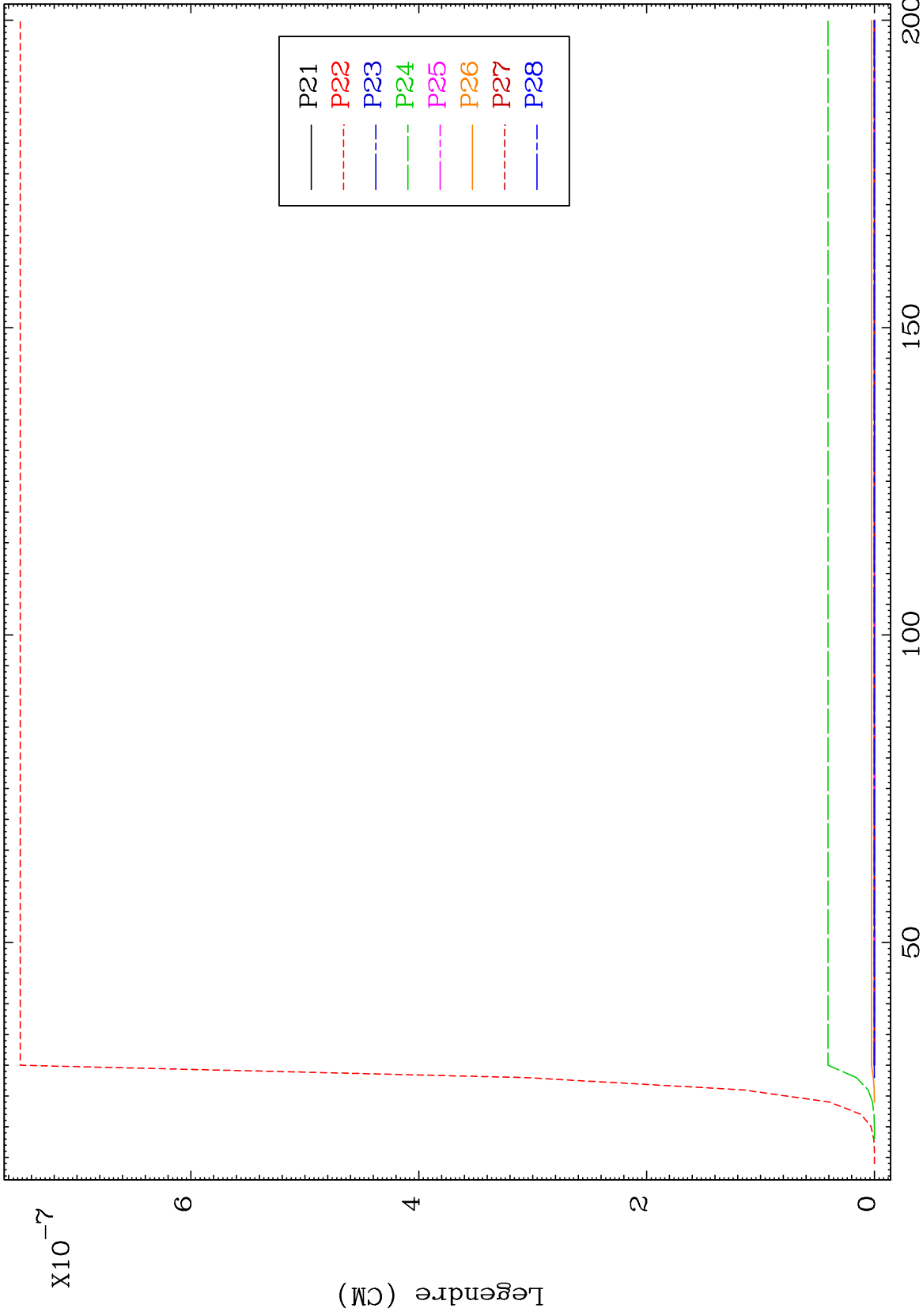
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



37

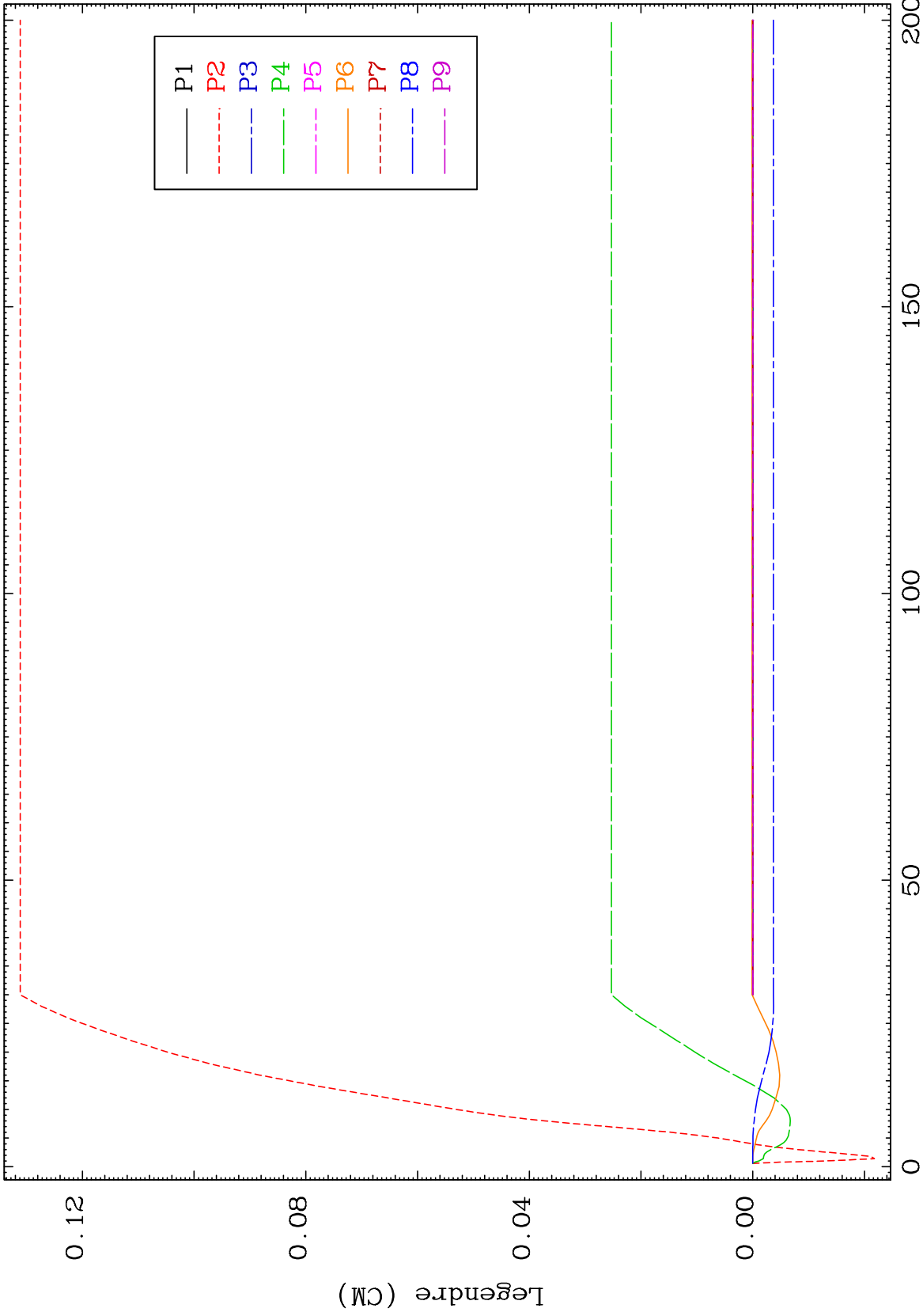
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



38

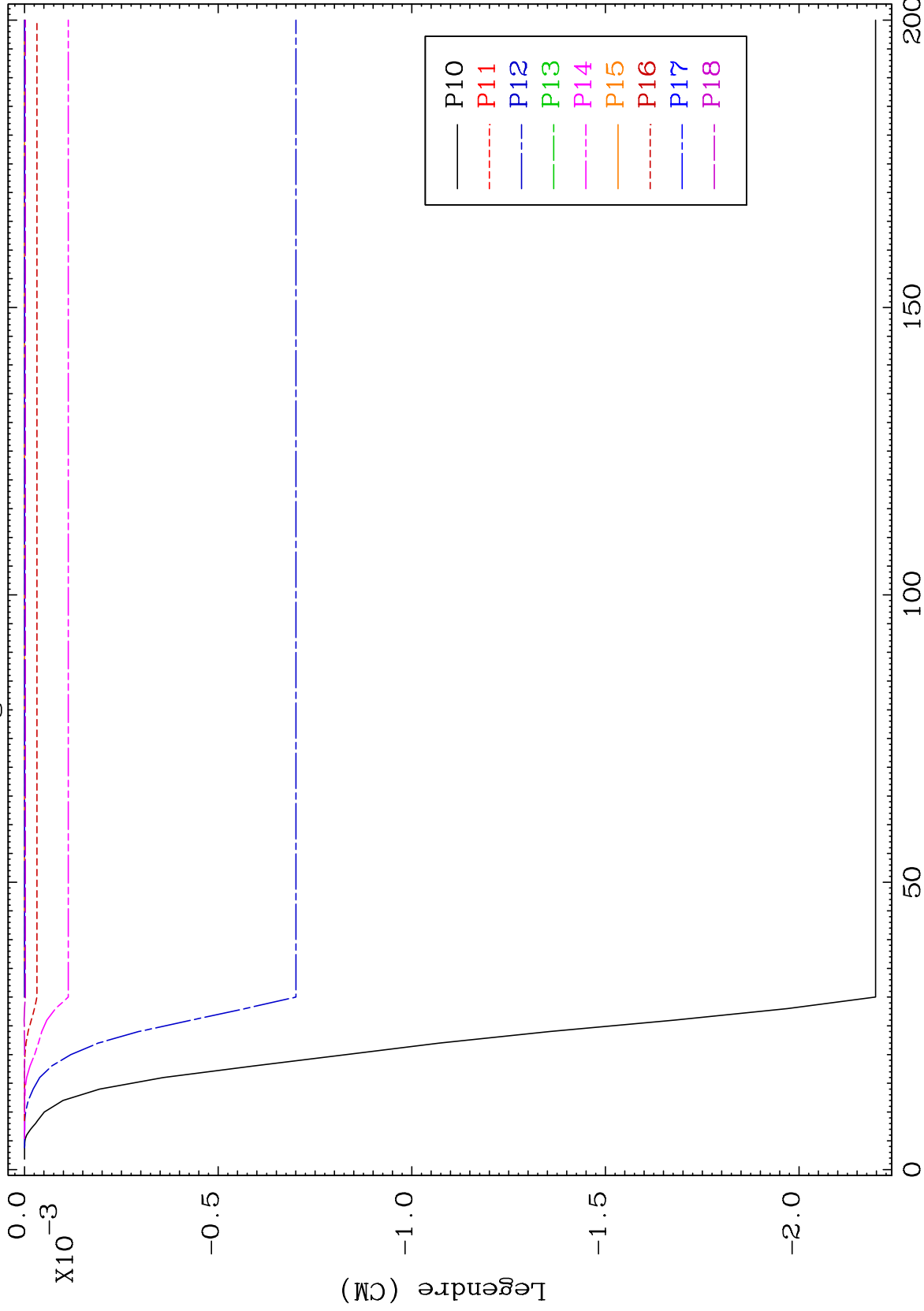
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



39

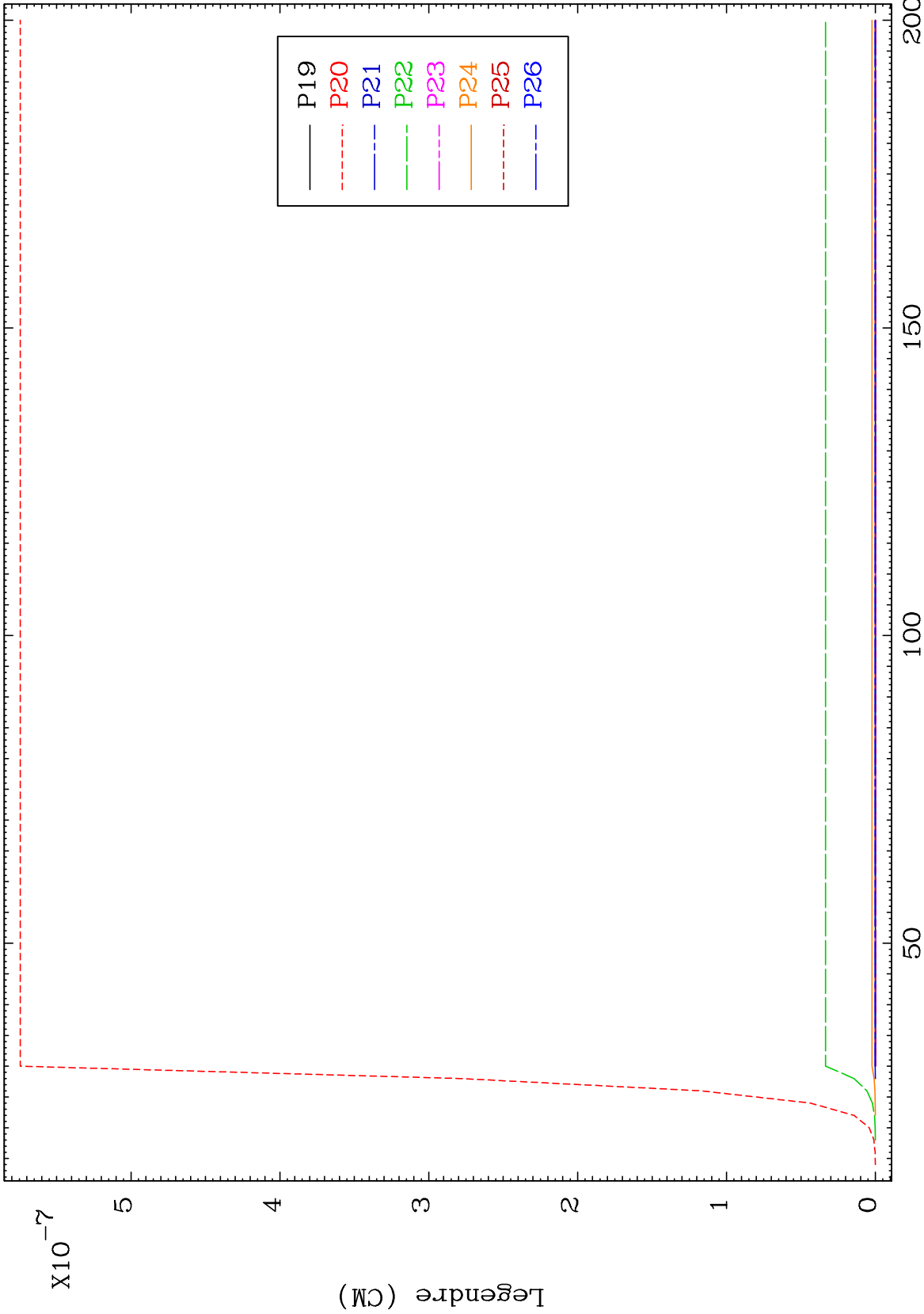
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



40

50

100

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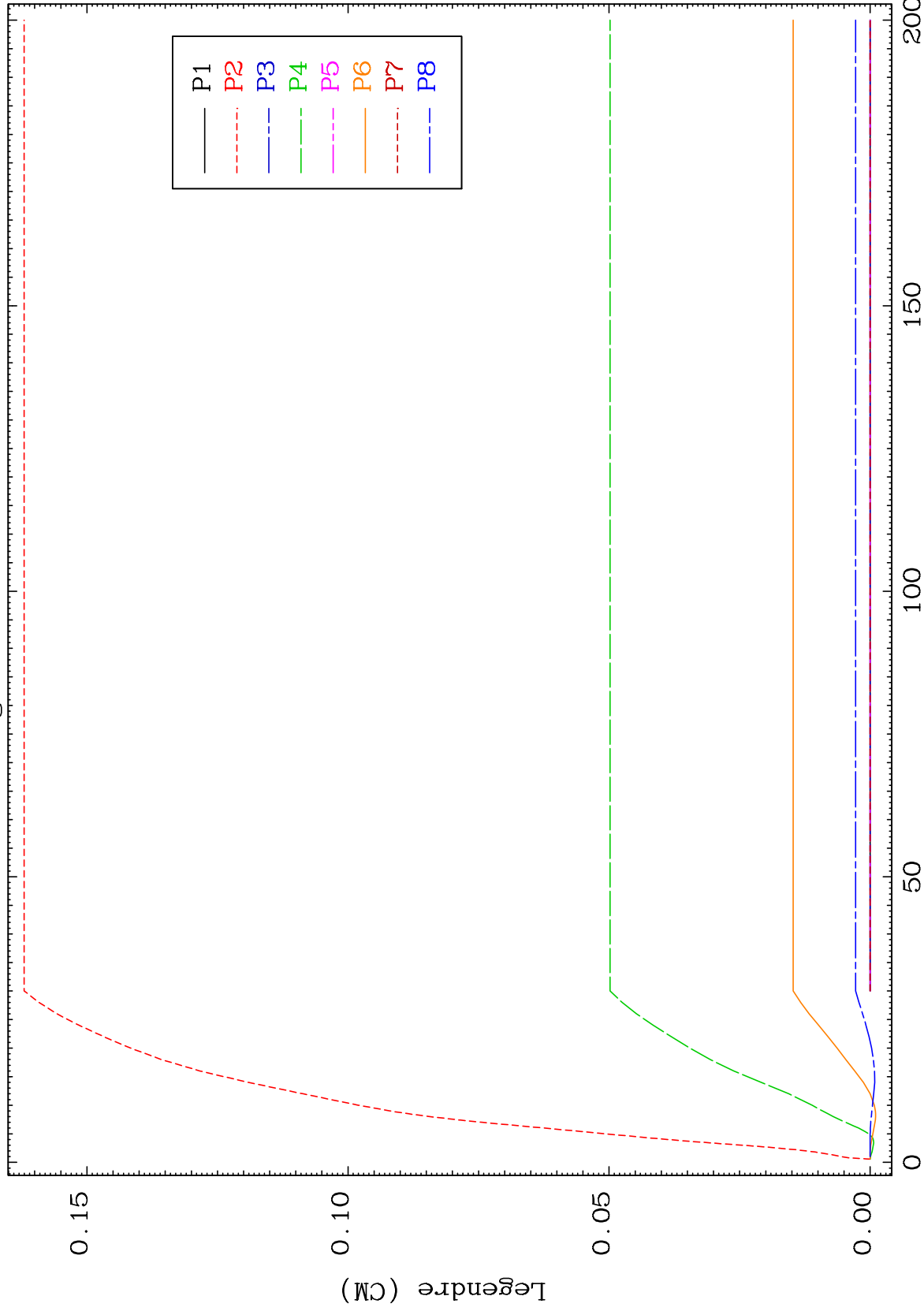
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63-Eu-142

MAT 6298

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

63-Eu-142



41

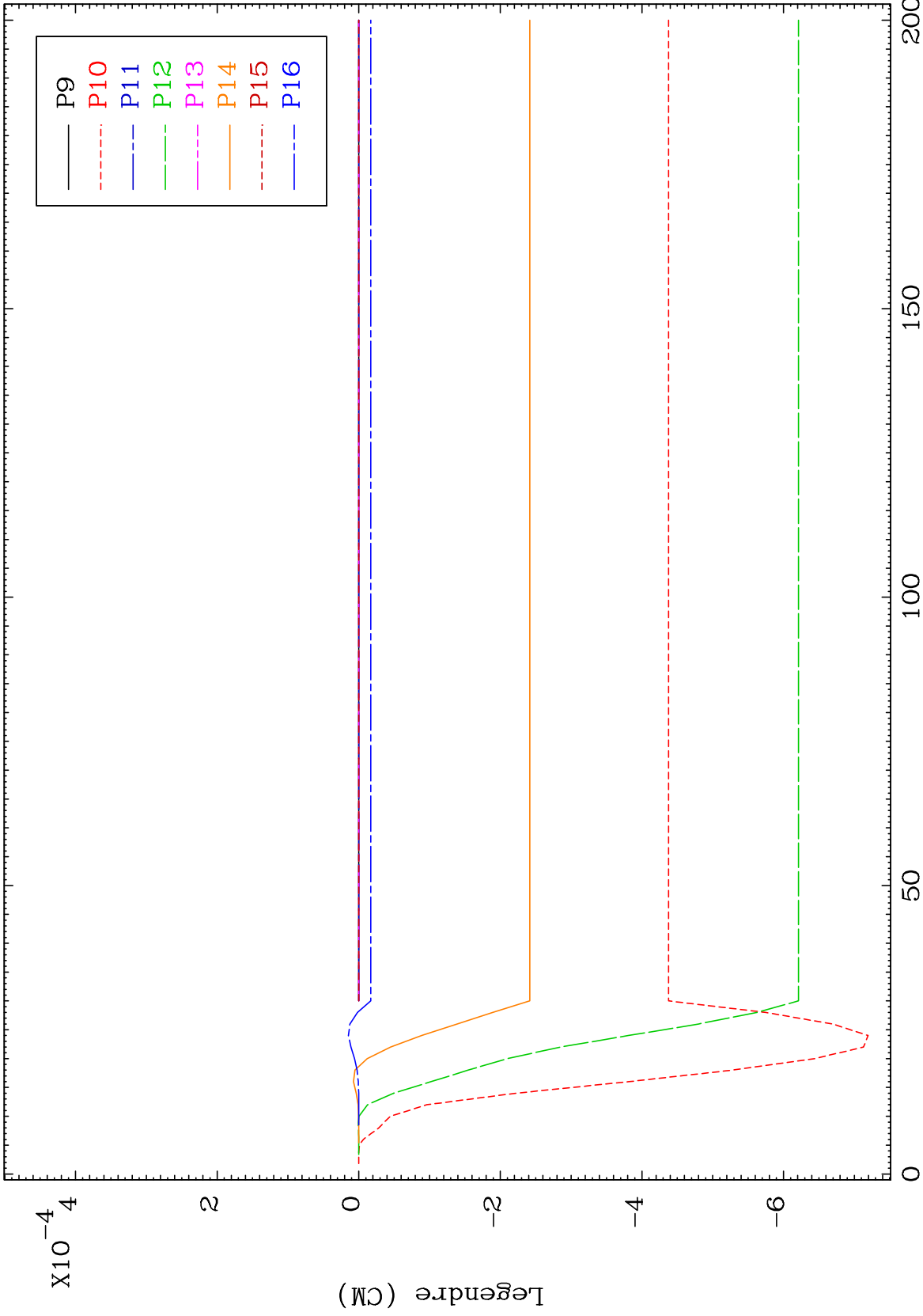
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



42

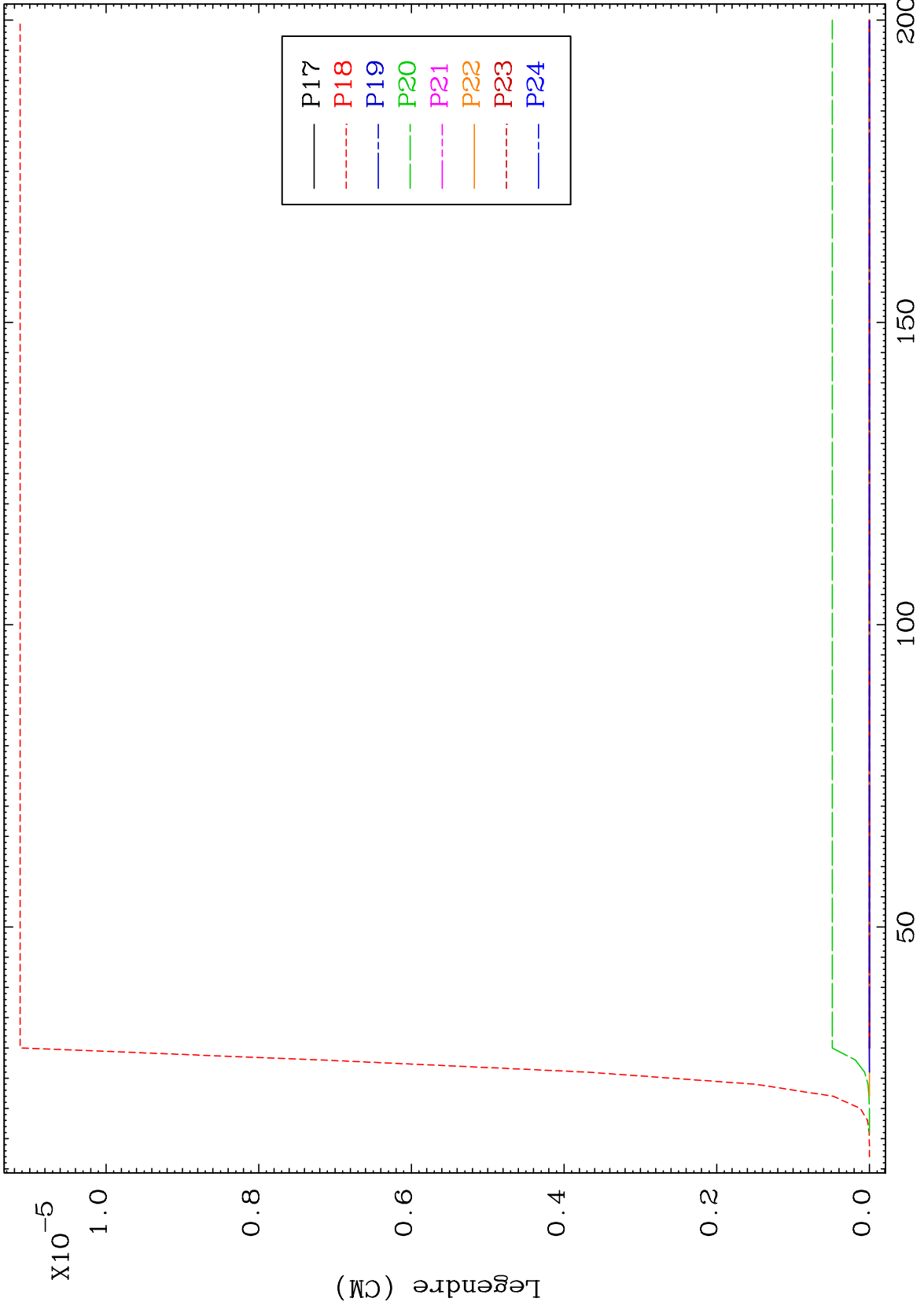
Incident Energy (MeV)

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MAT 6298

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

63-Eu-142



43

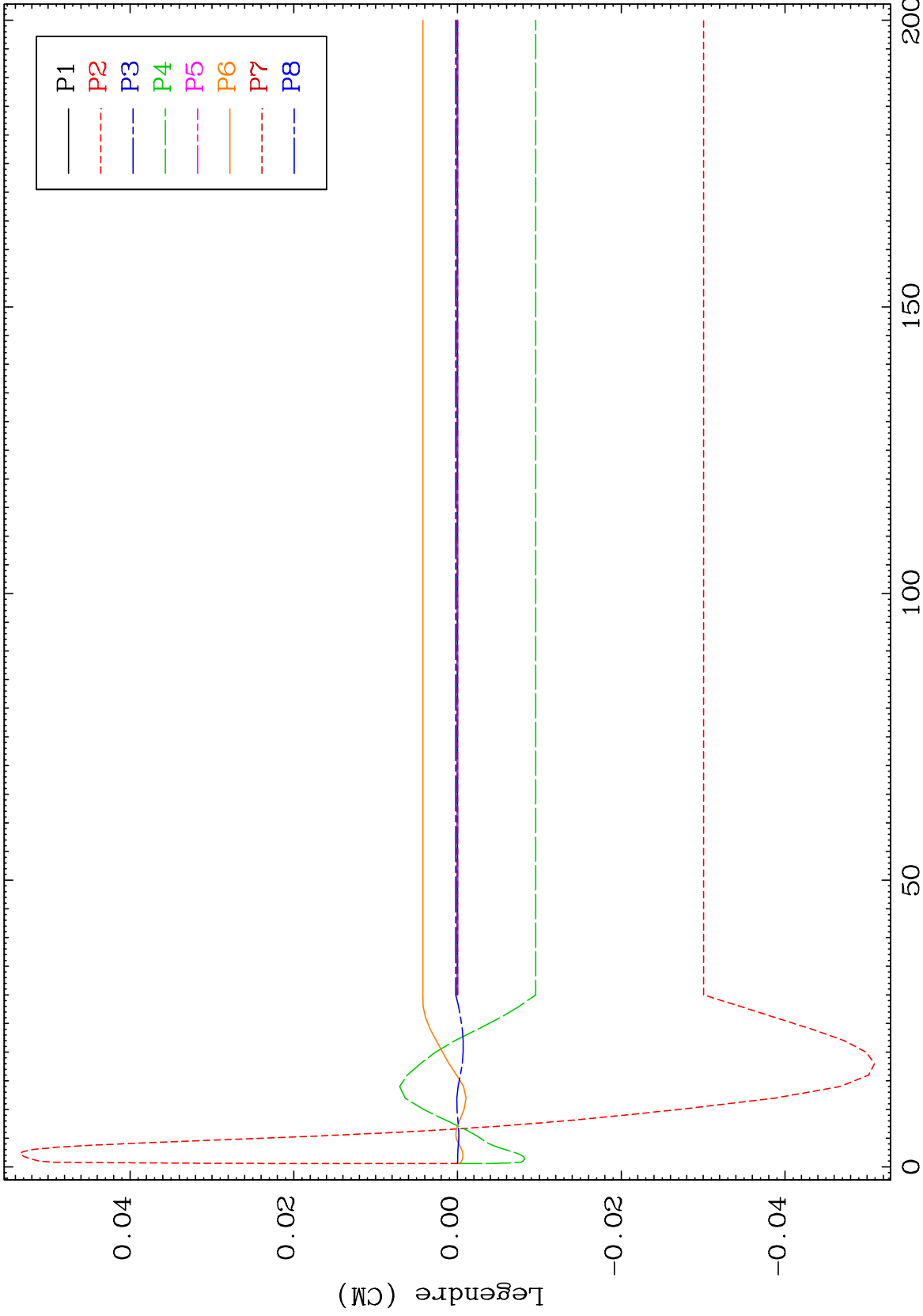
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



44

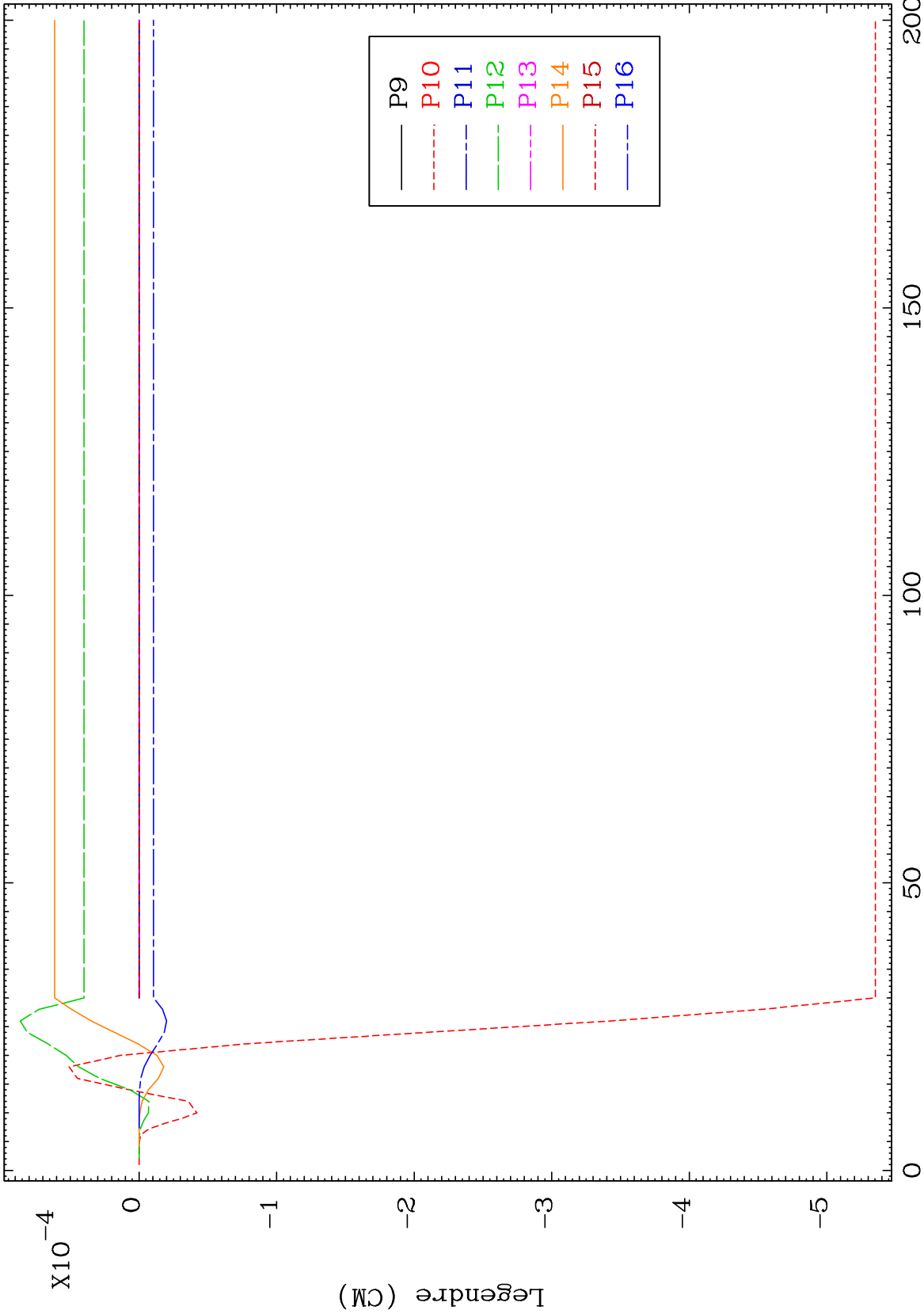
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



45

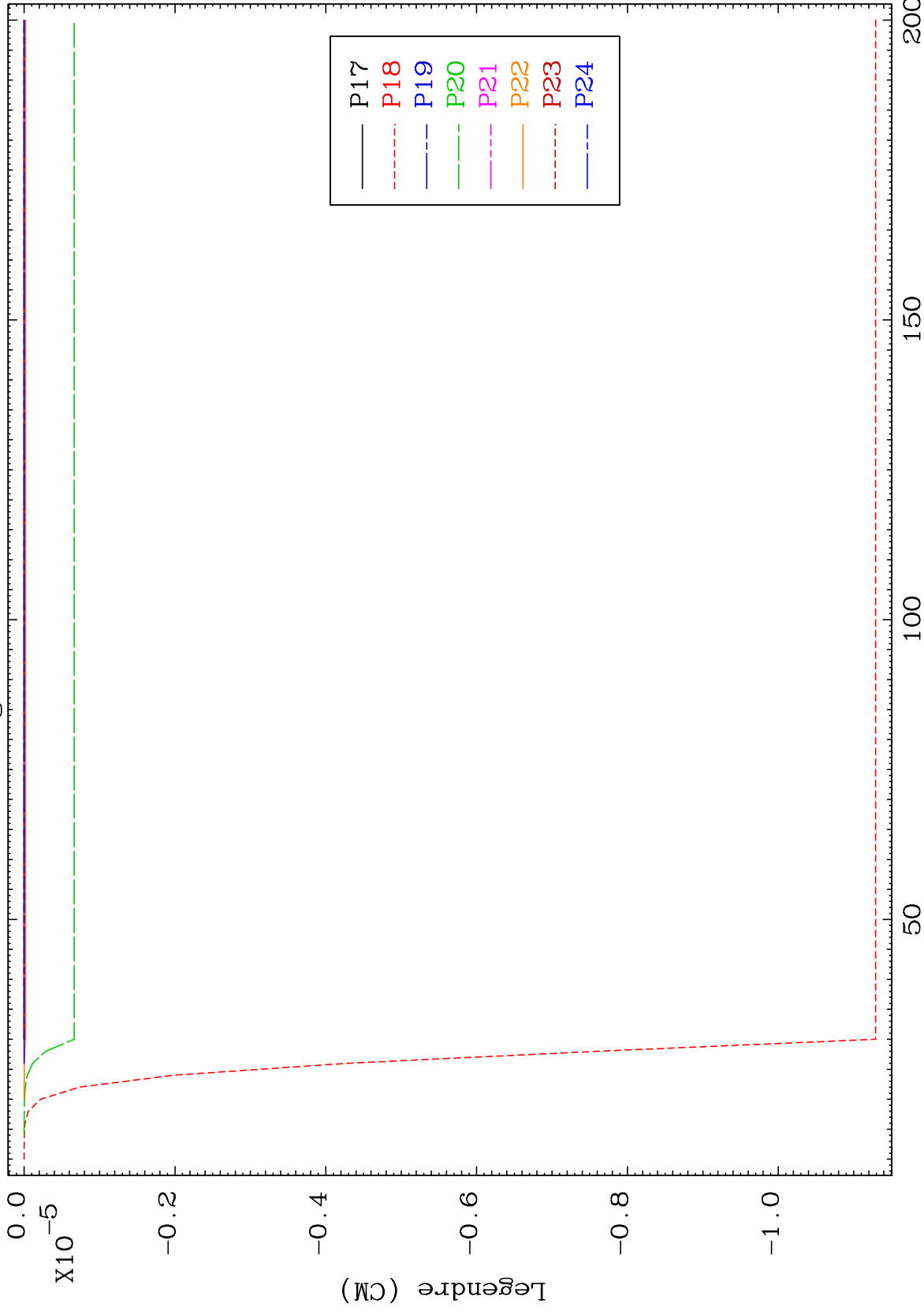
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142

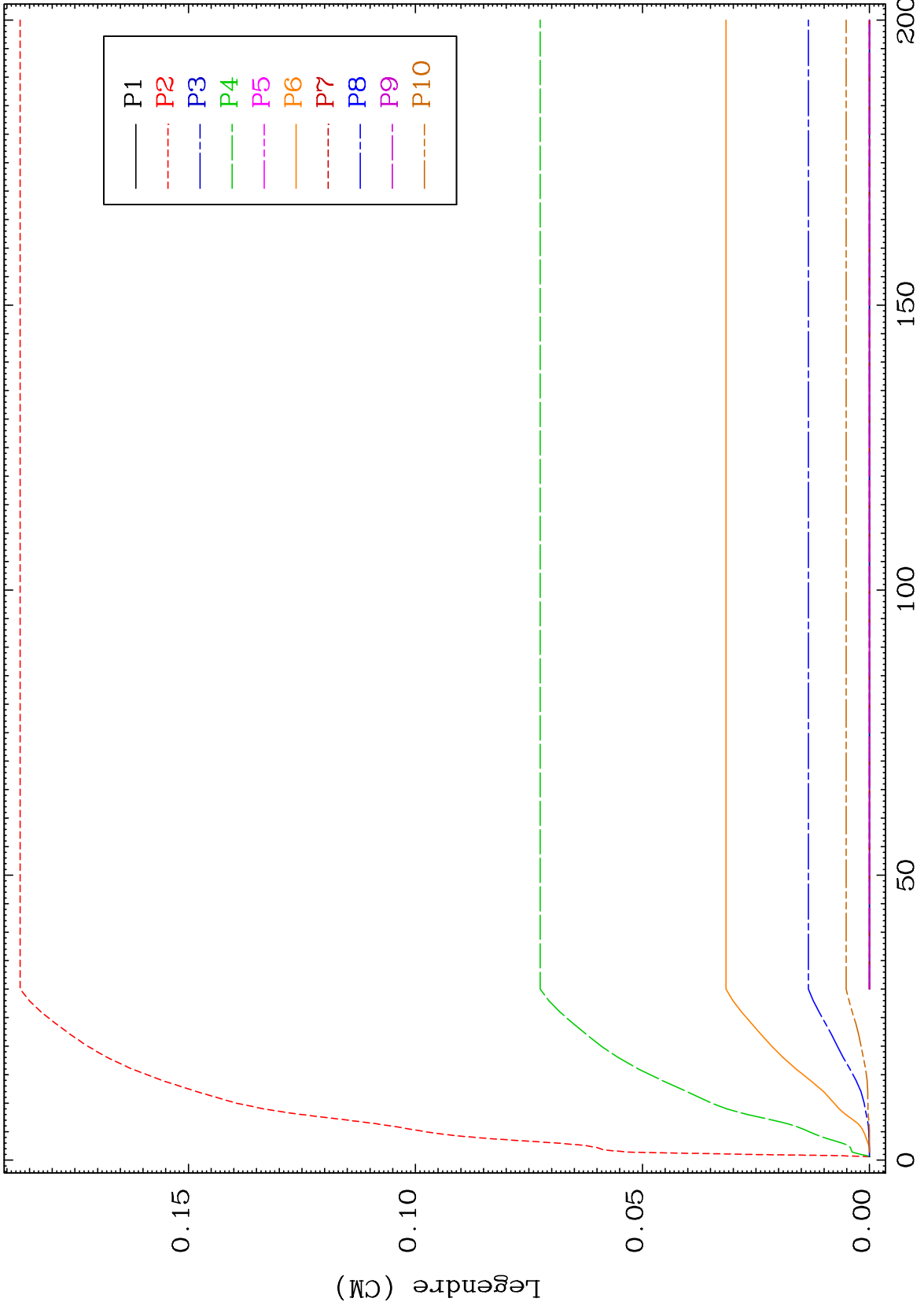


46

Incident Energy (MeV)

63-Eu-142

MAT 6298 MT= 60 (n,n') Level Legendre Coefficients 63-Eu-142

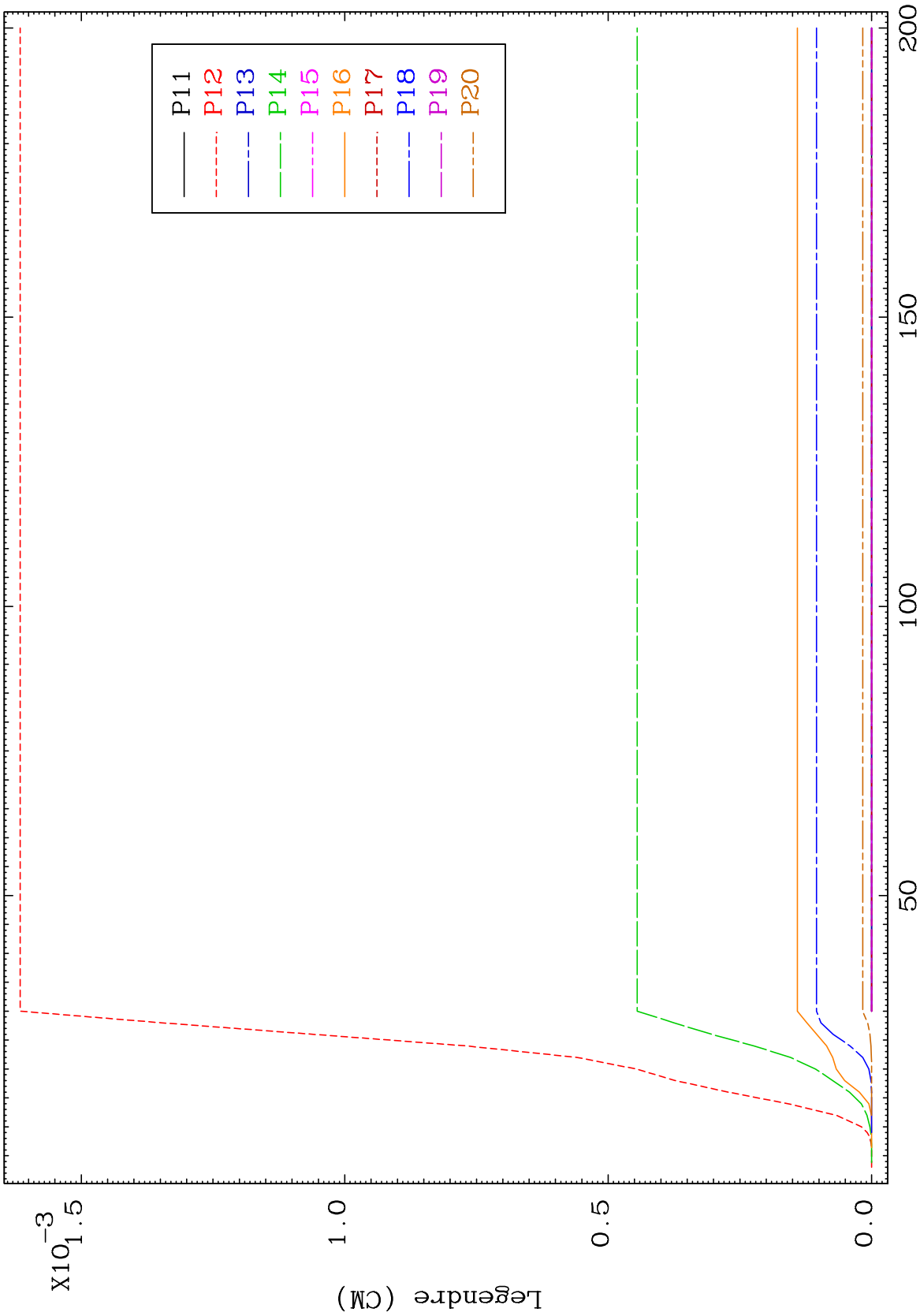


47 63-Eu-142

MAT 6298

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

63-Eu-142



48

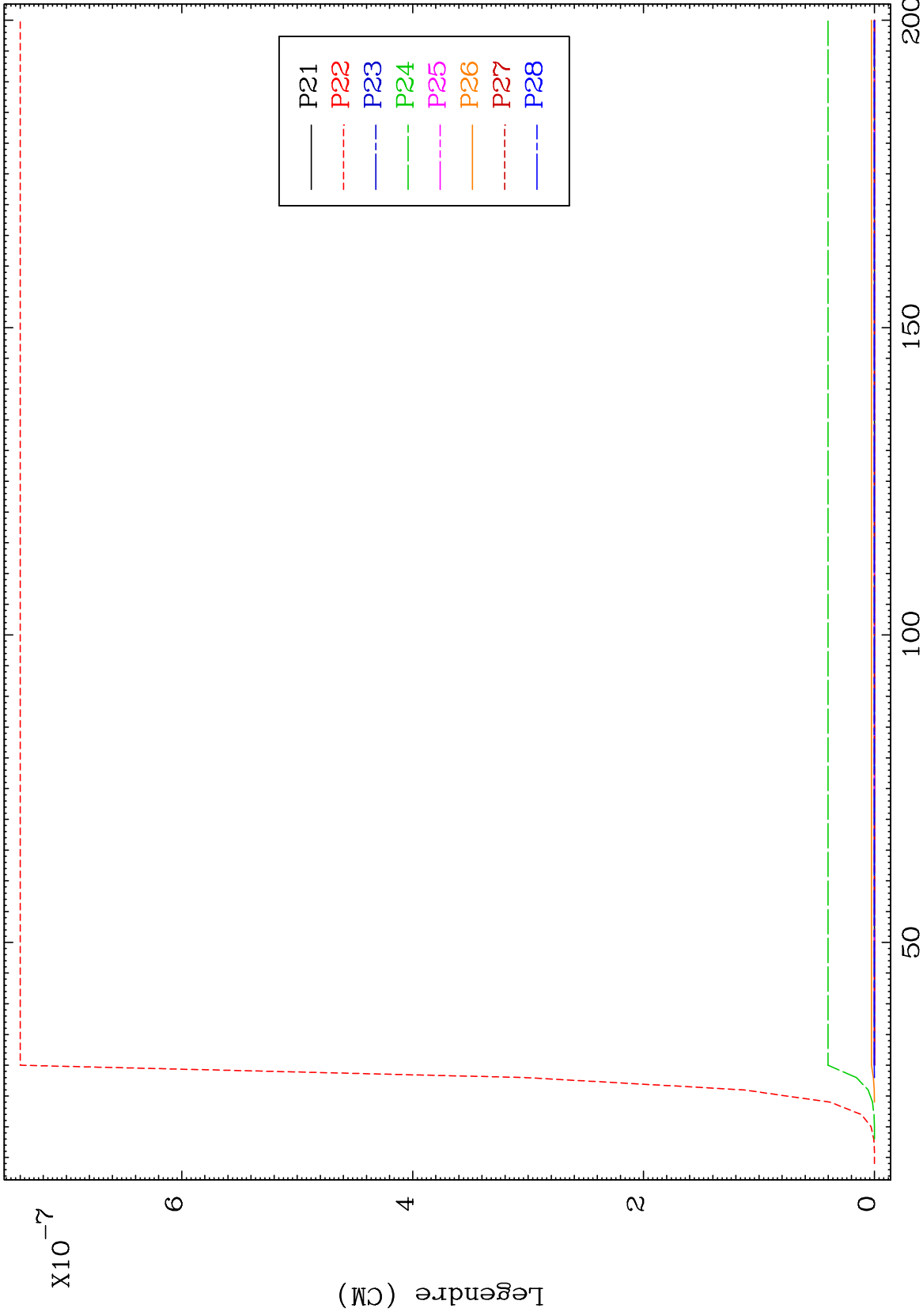
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142

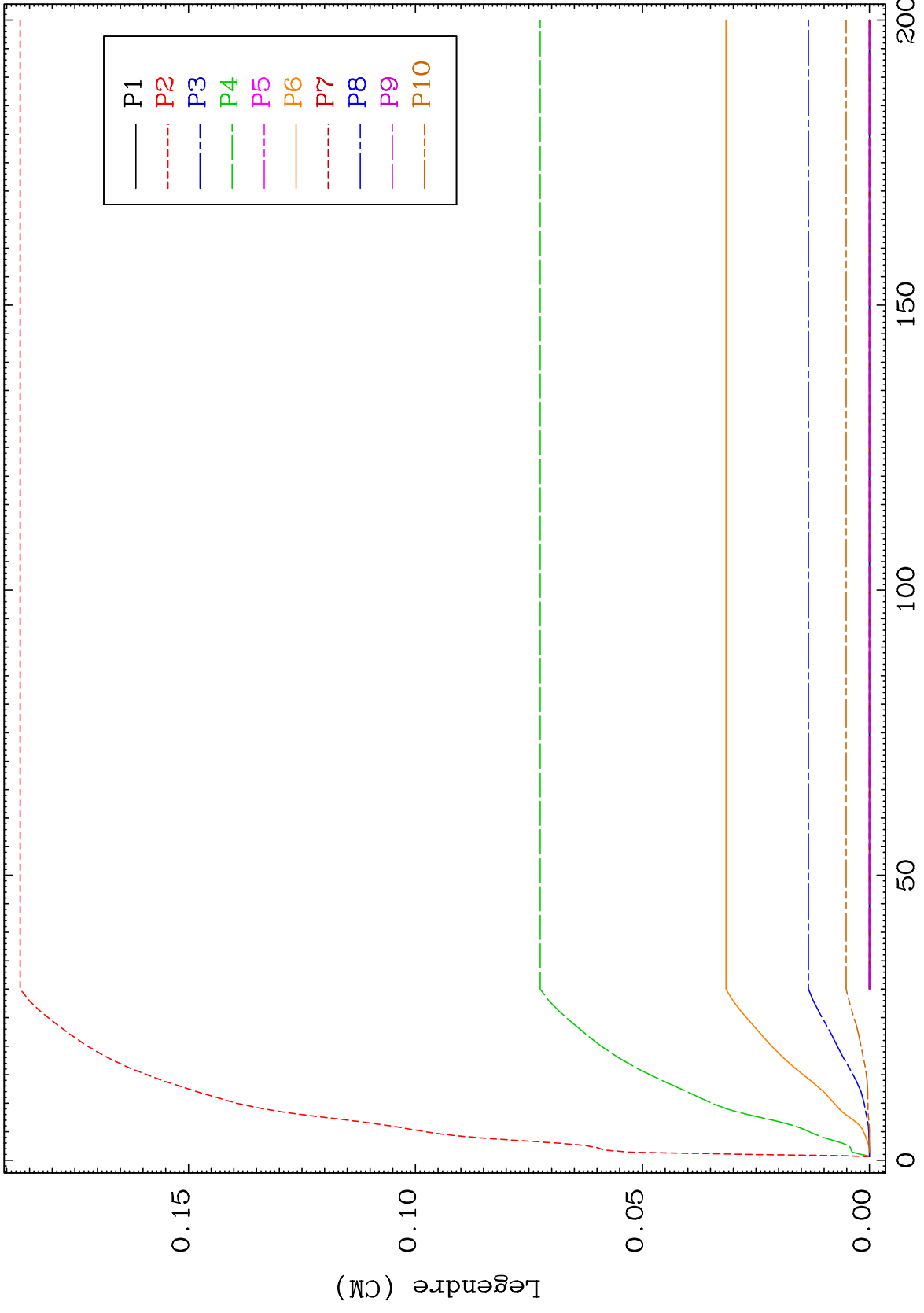


49

Incident Energy (MeV)

63-Eu-142

MAT 6298 MT= 61 (n,n') Level Legendre Coefficients 63-Eu-142

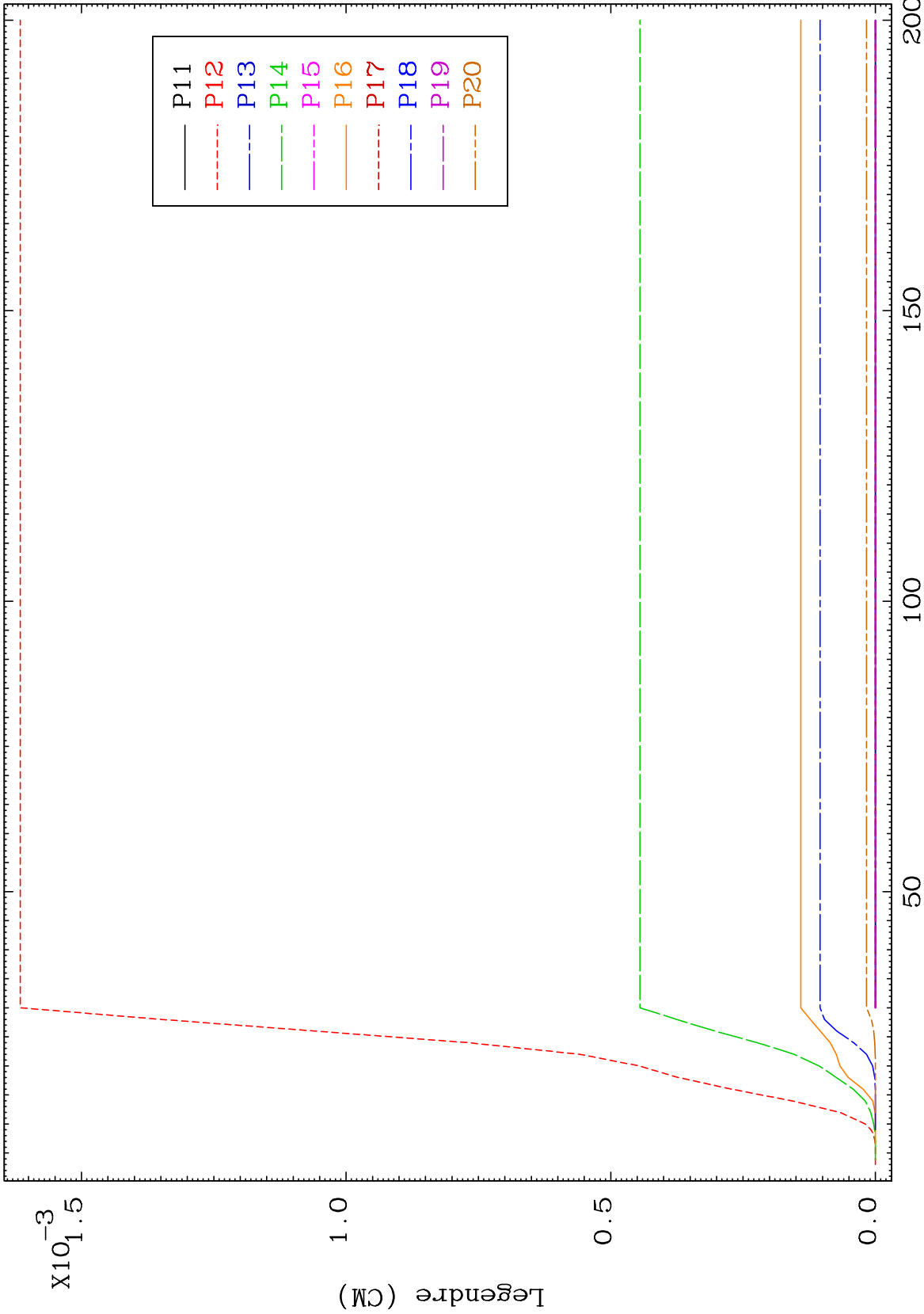


63-Eu-142

MAT 6298

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

63-Eu-142



51

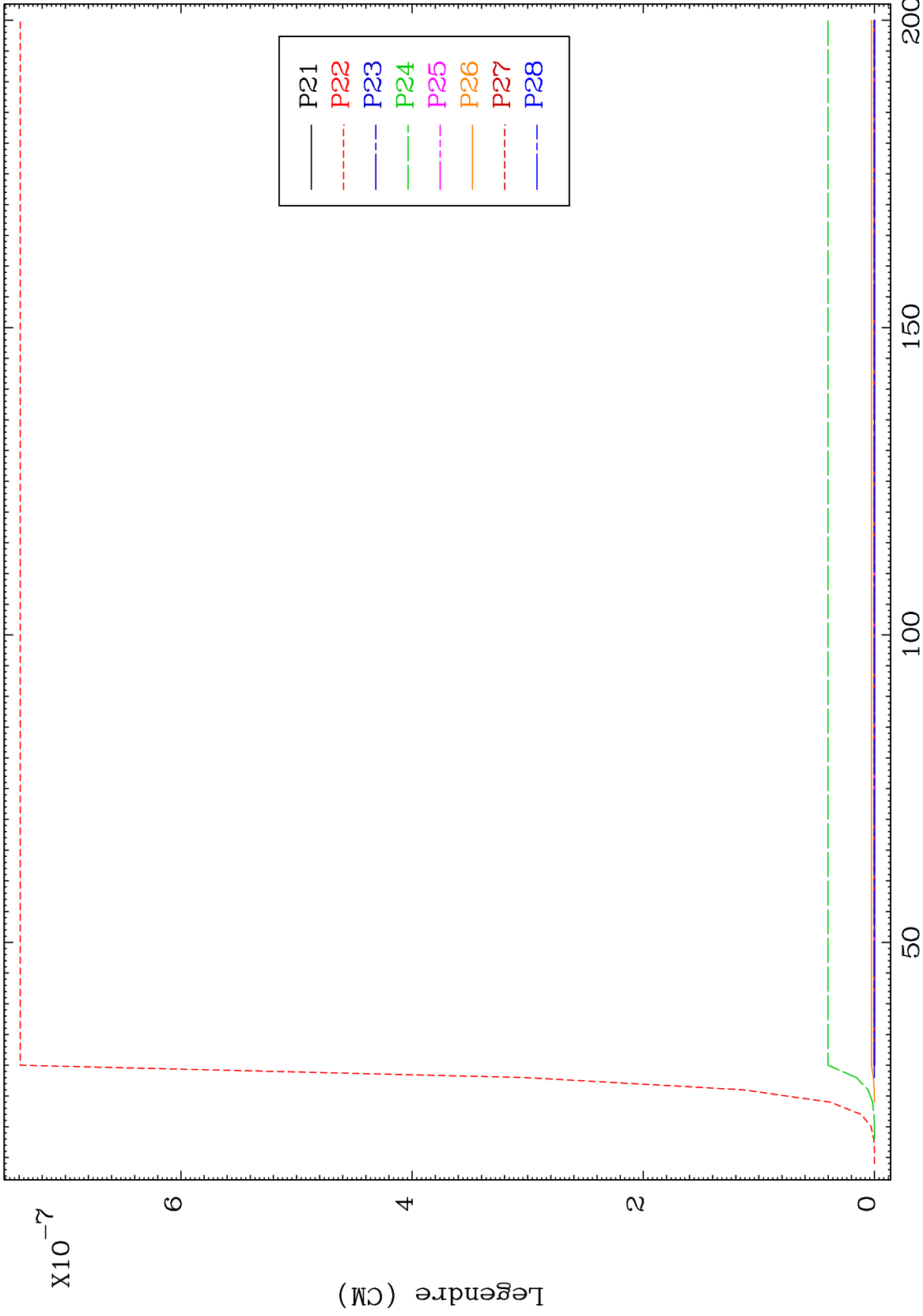
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



52

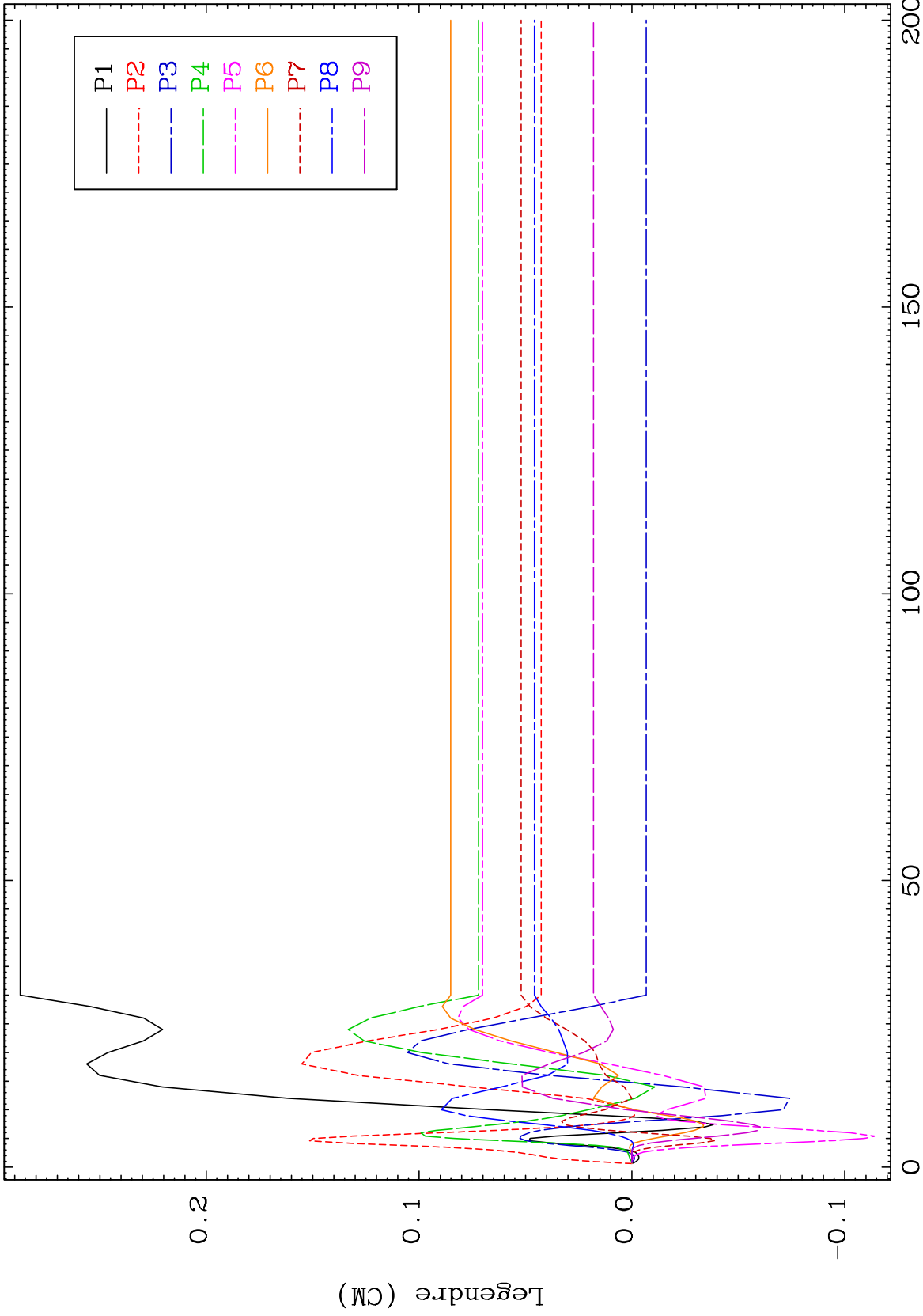
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



53

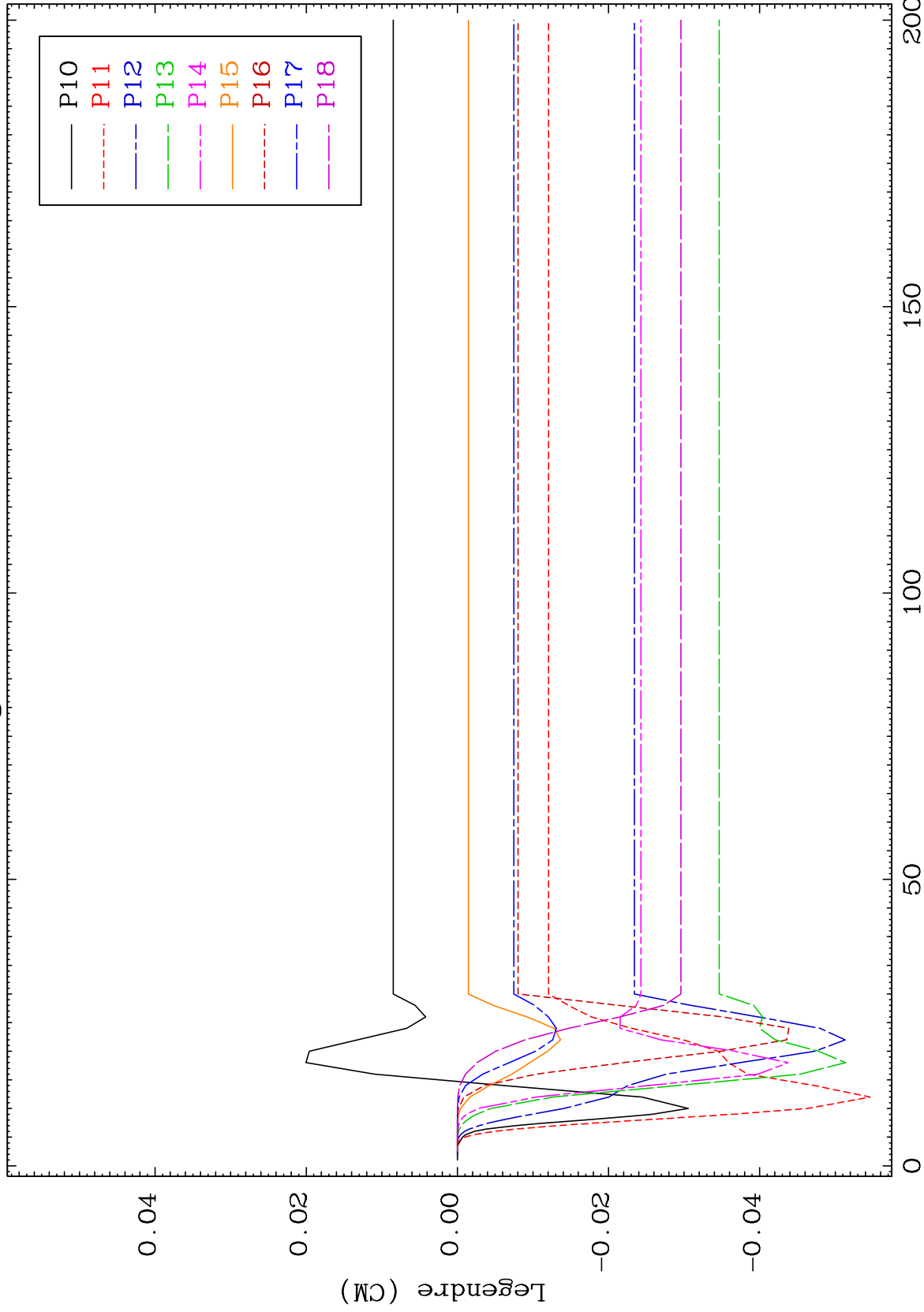
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142

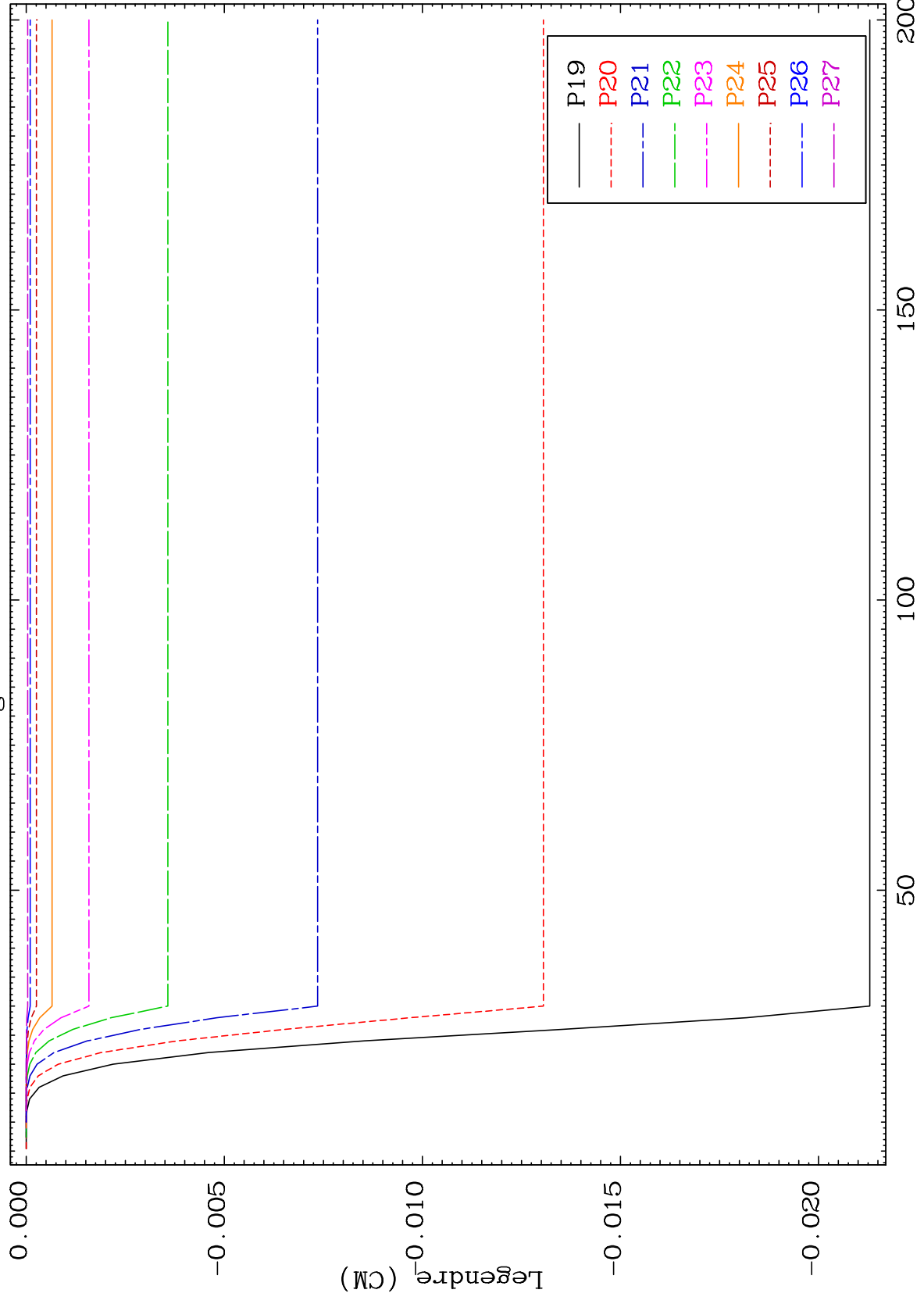


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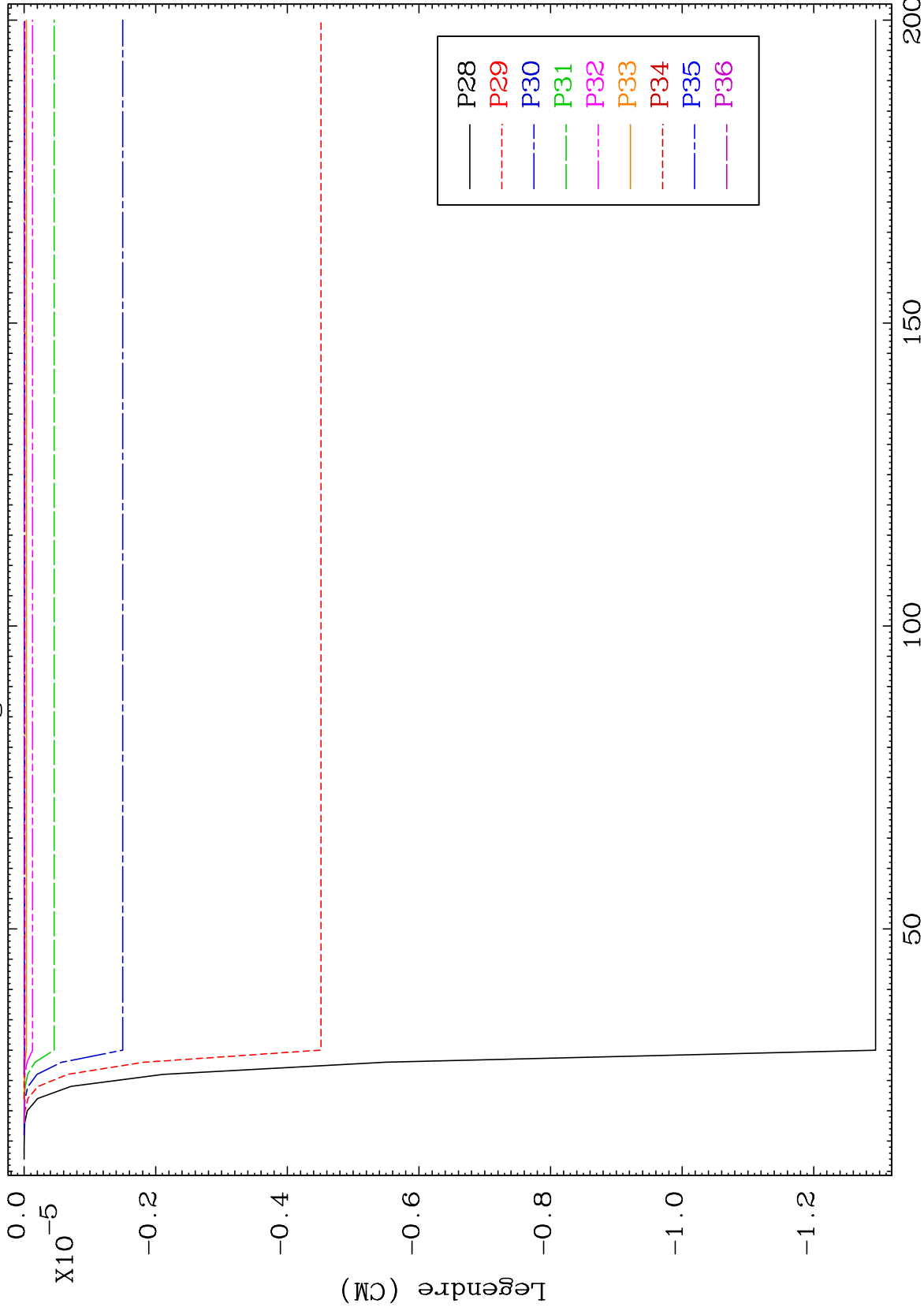
Incident Energy (MeV)

63-Eu-142

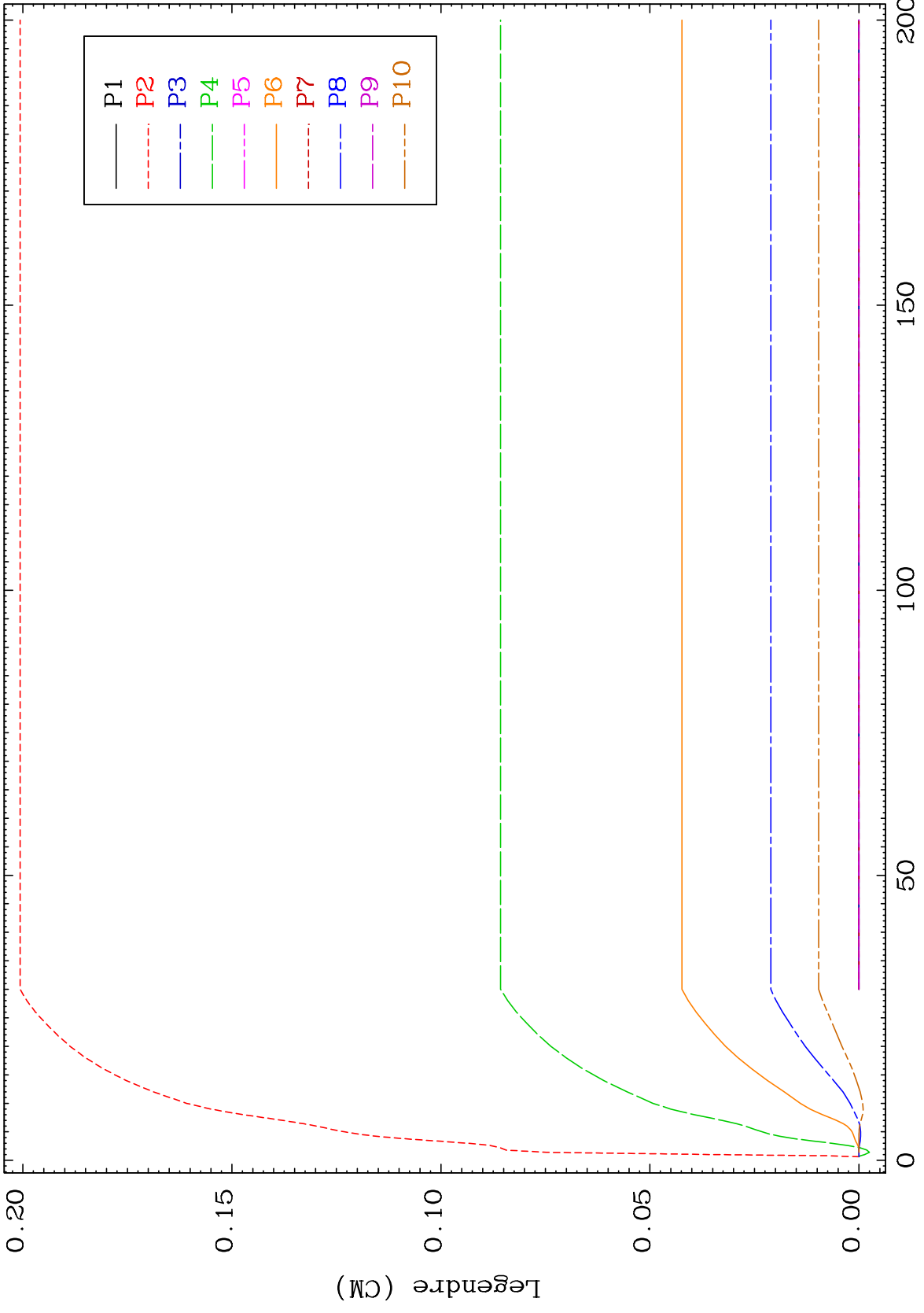
MAT 6298 MT= 62 (n,n') Level Legendre Coefficients 63-Eu-142



55 Incident Energy (MeV) 63-Eu-142



MAT 6298 MT= 63 (n,n') Level Legendre Coefficients 63-Eu-142

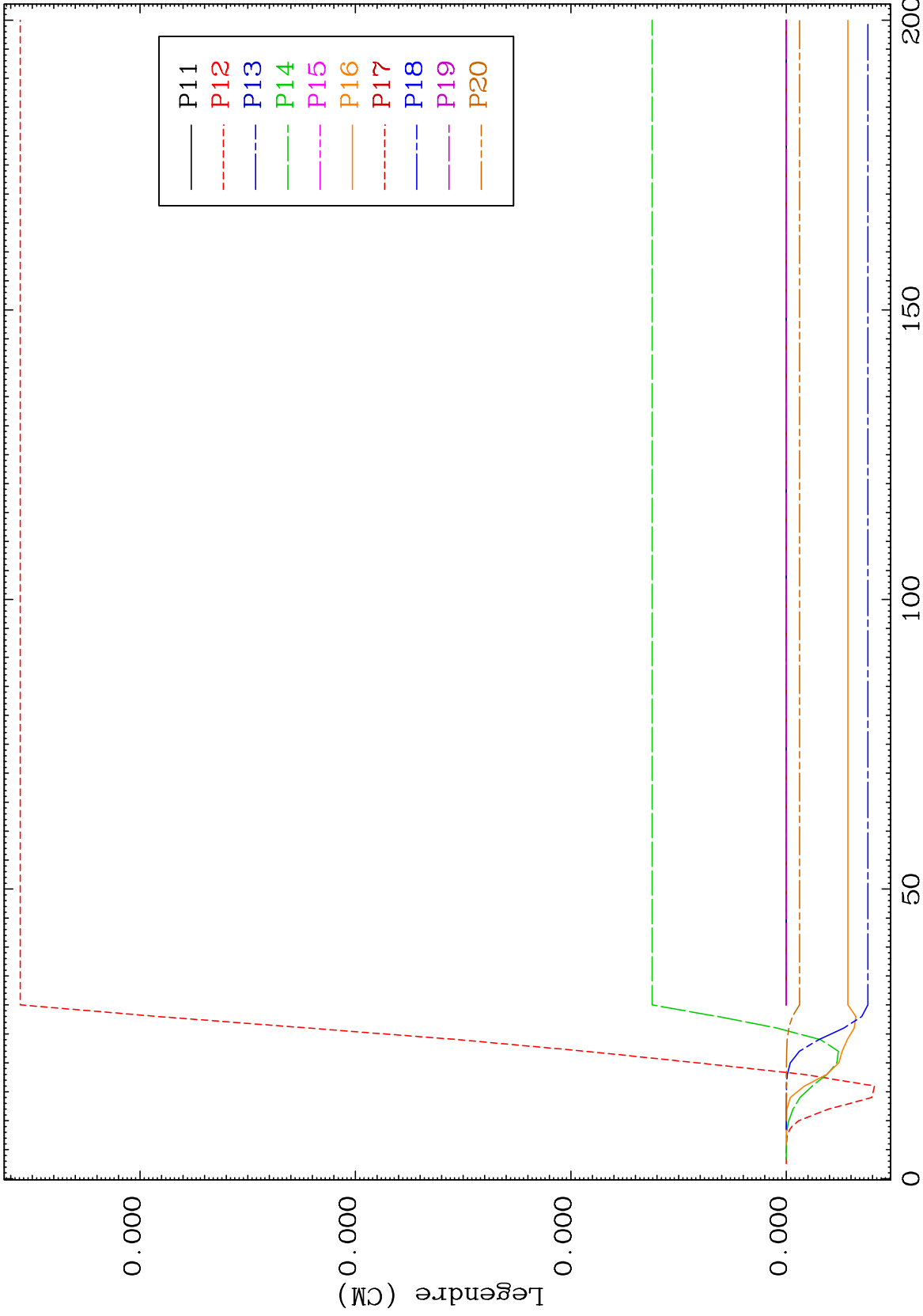


57 63-Eu-142

MAT 6298

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

63-Eu-142



58

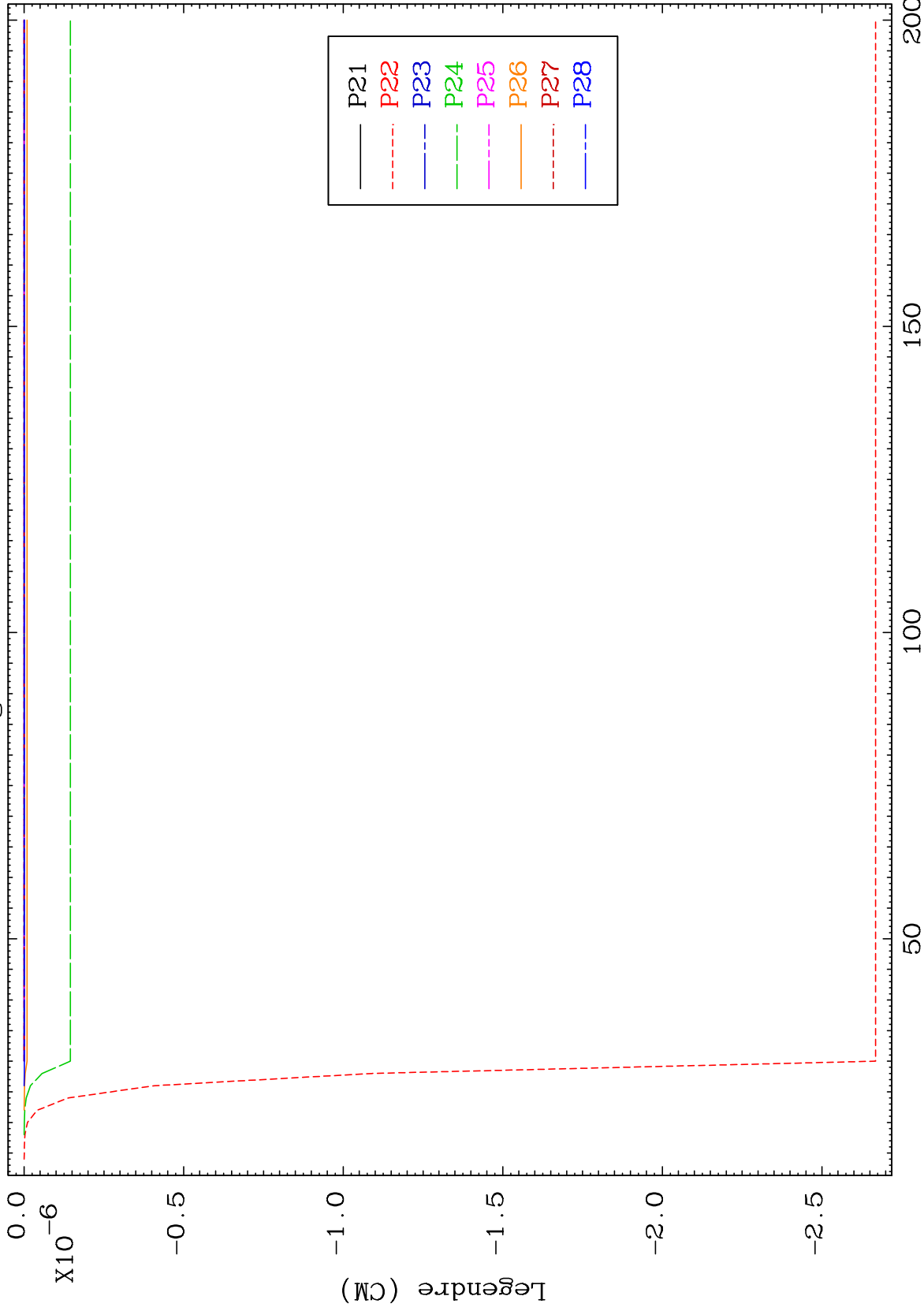
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



59

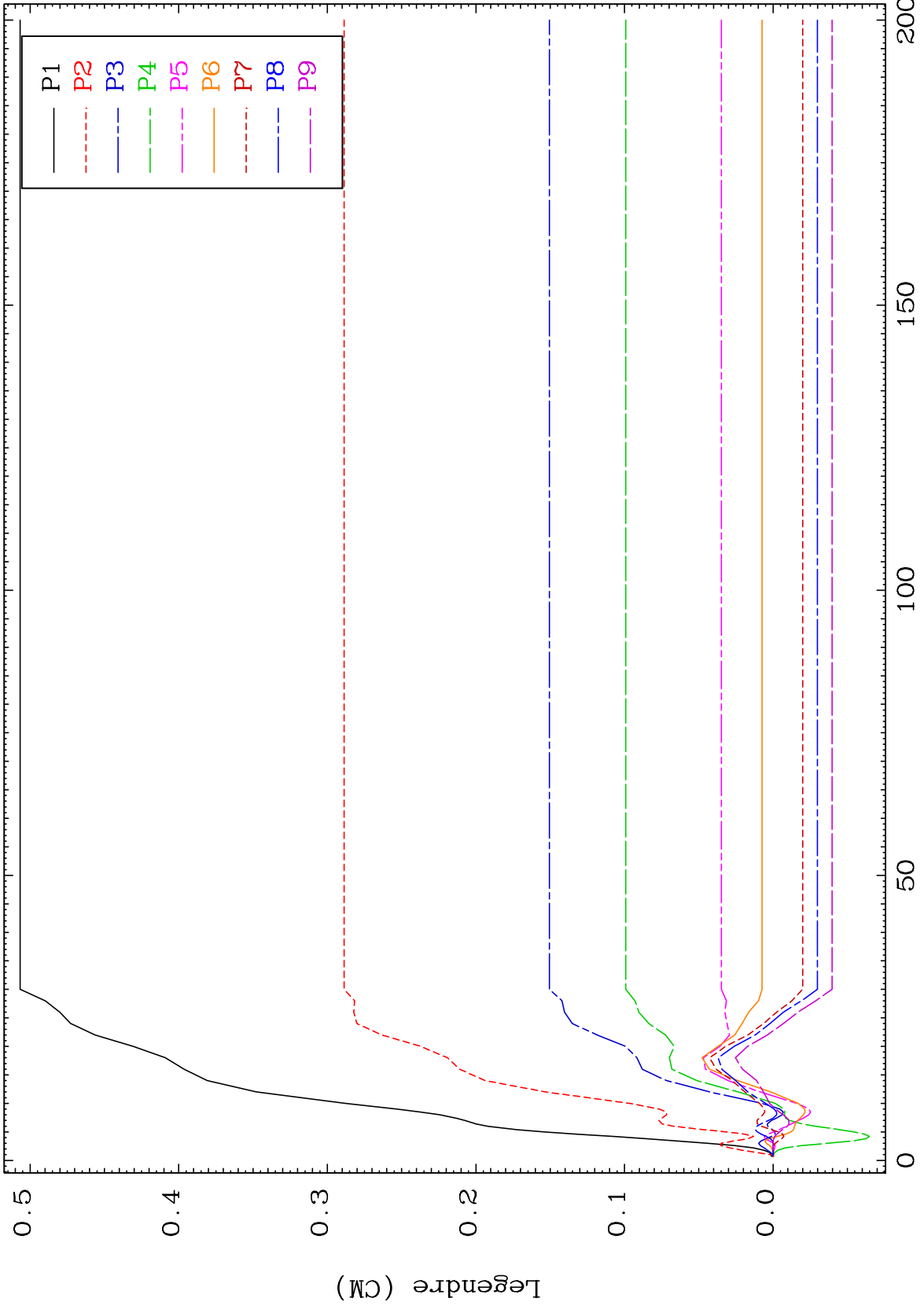
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



60

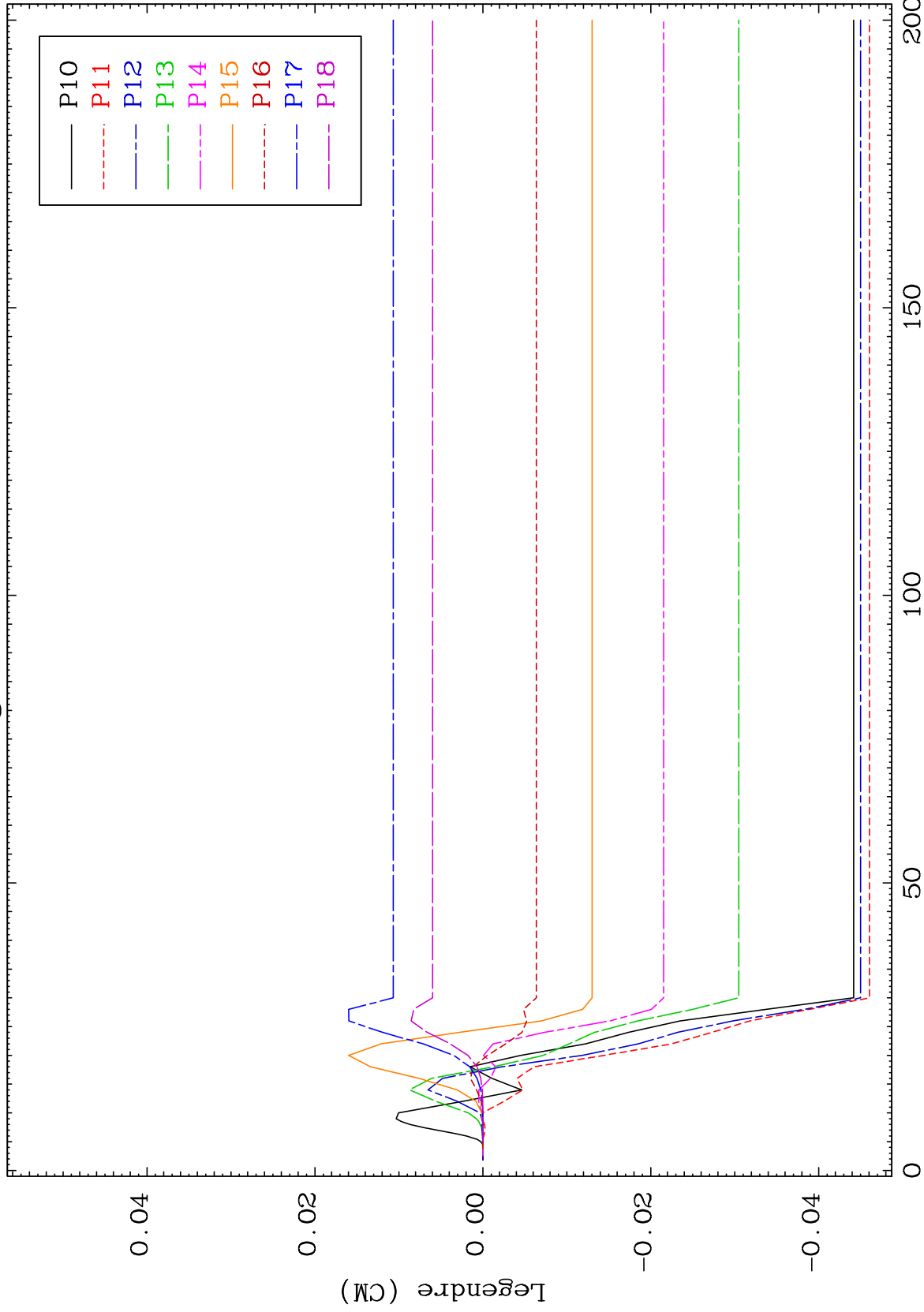
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



61

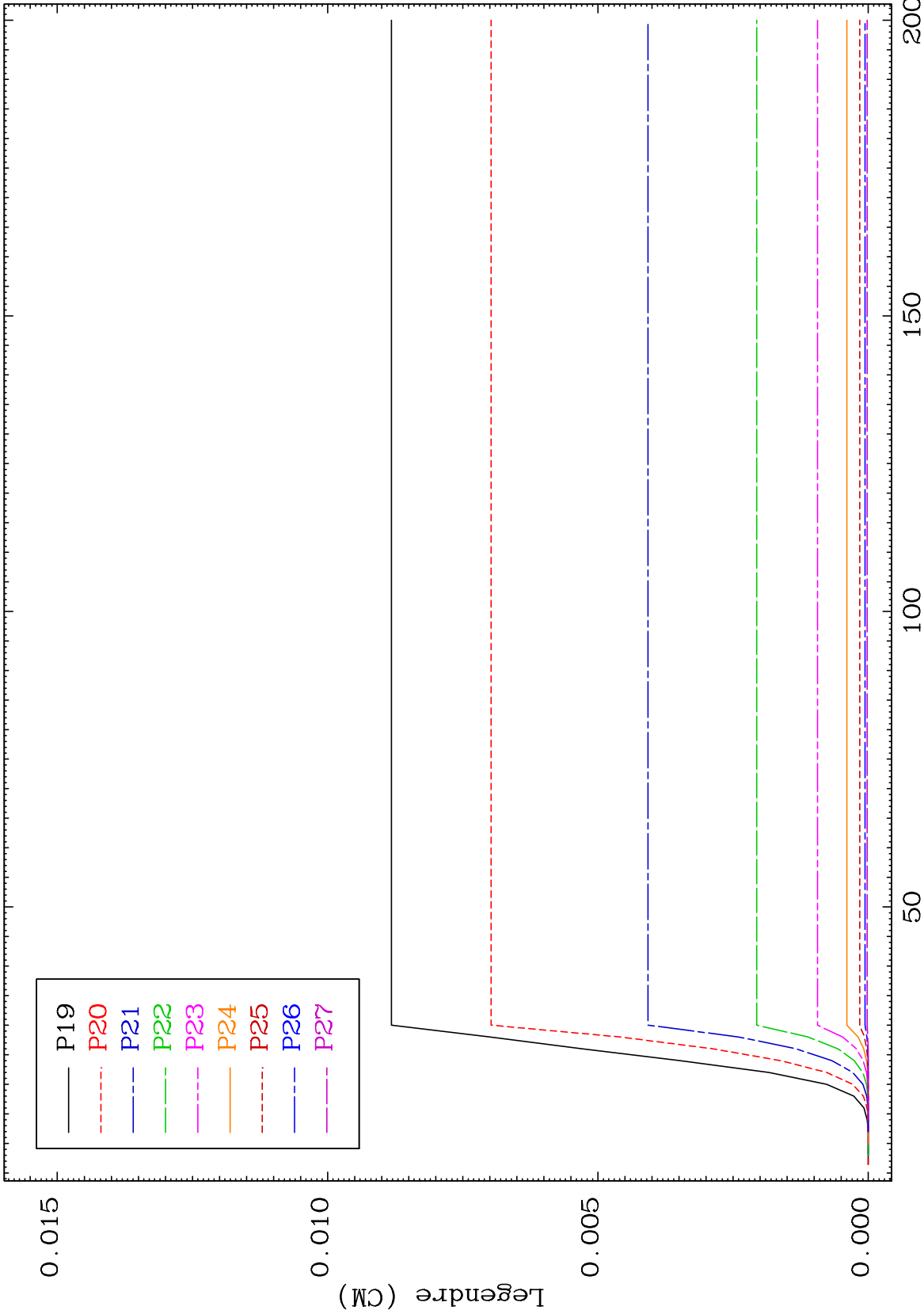
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



62

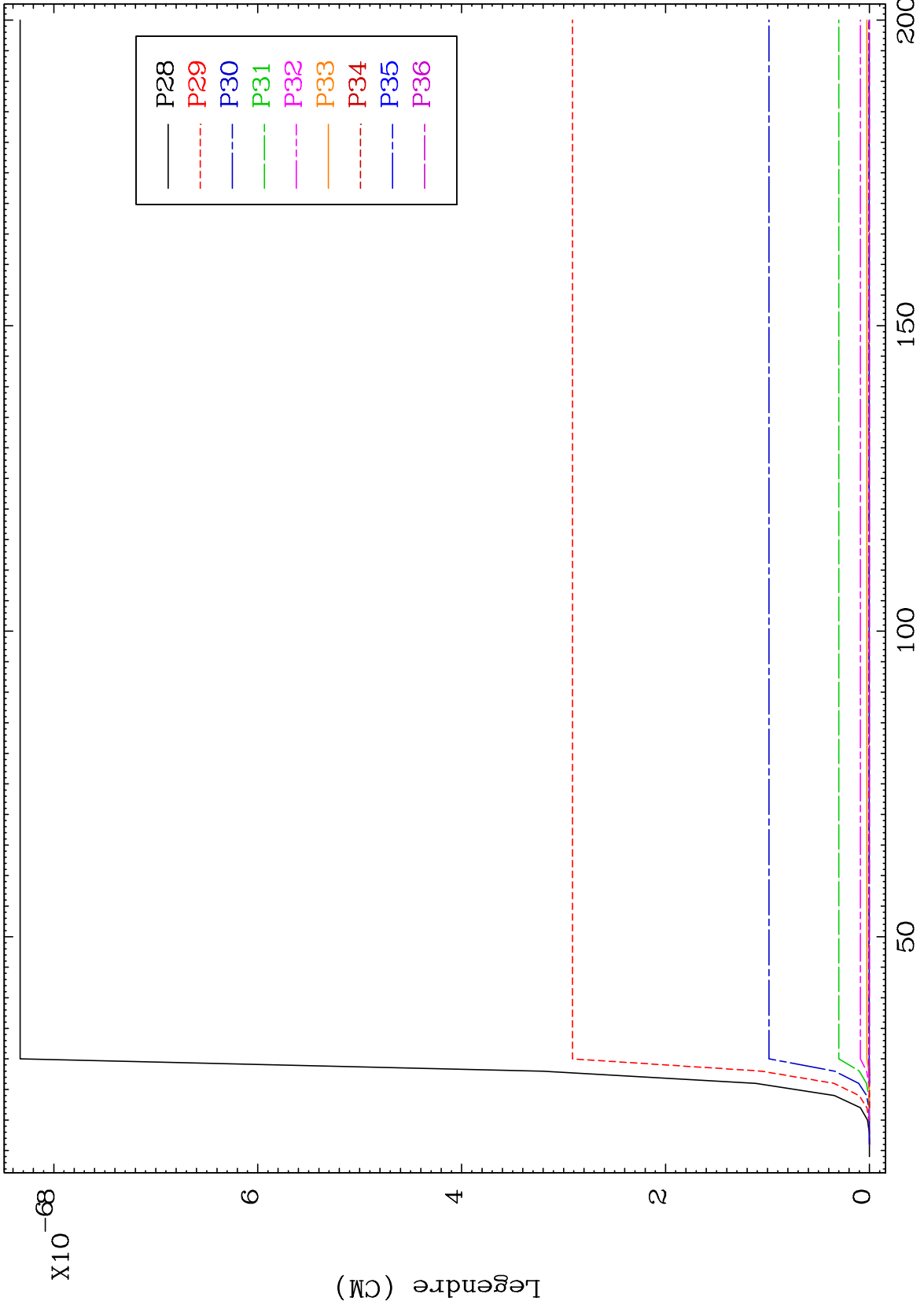
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63

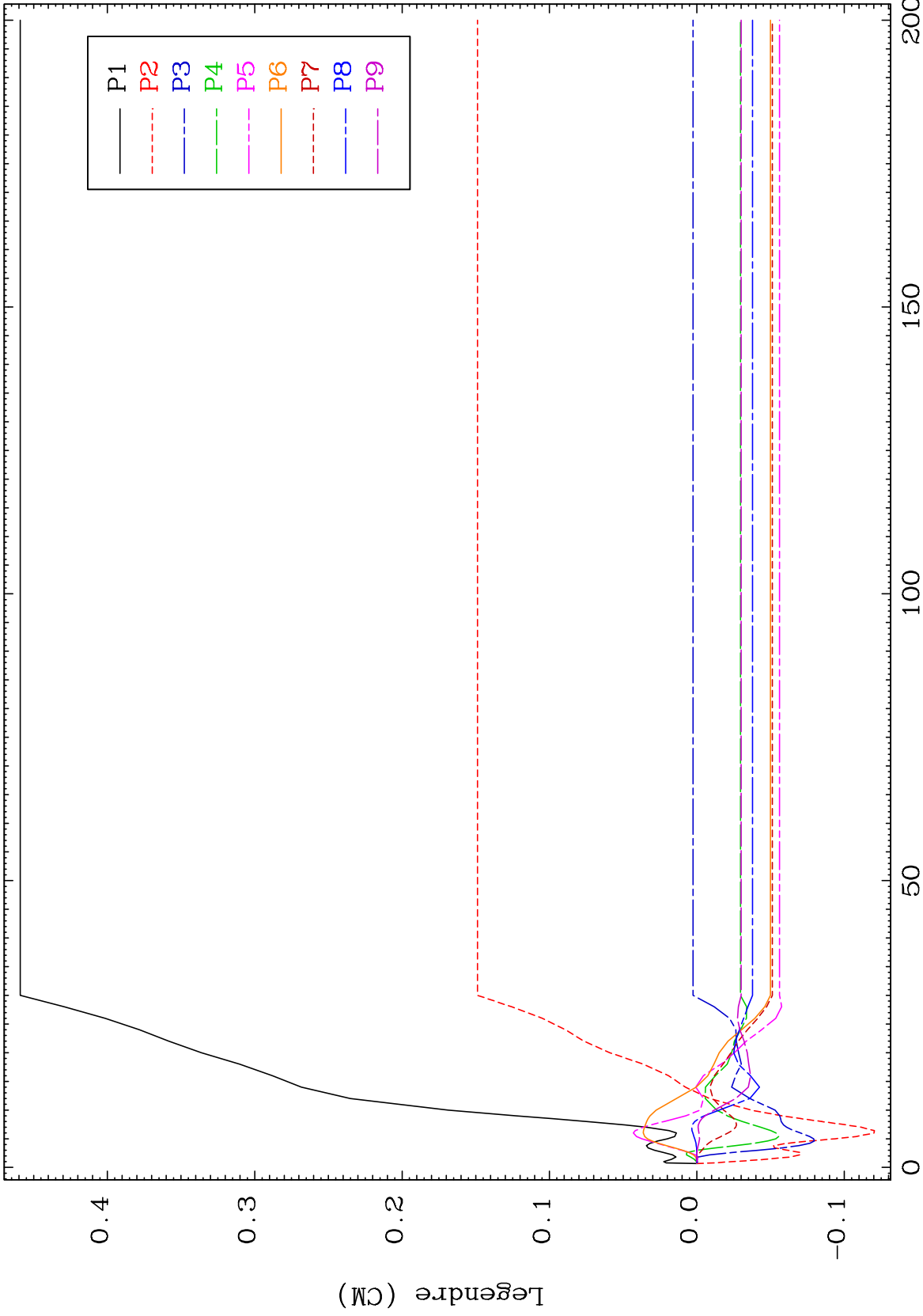
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

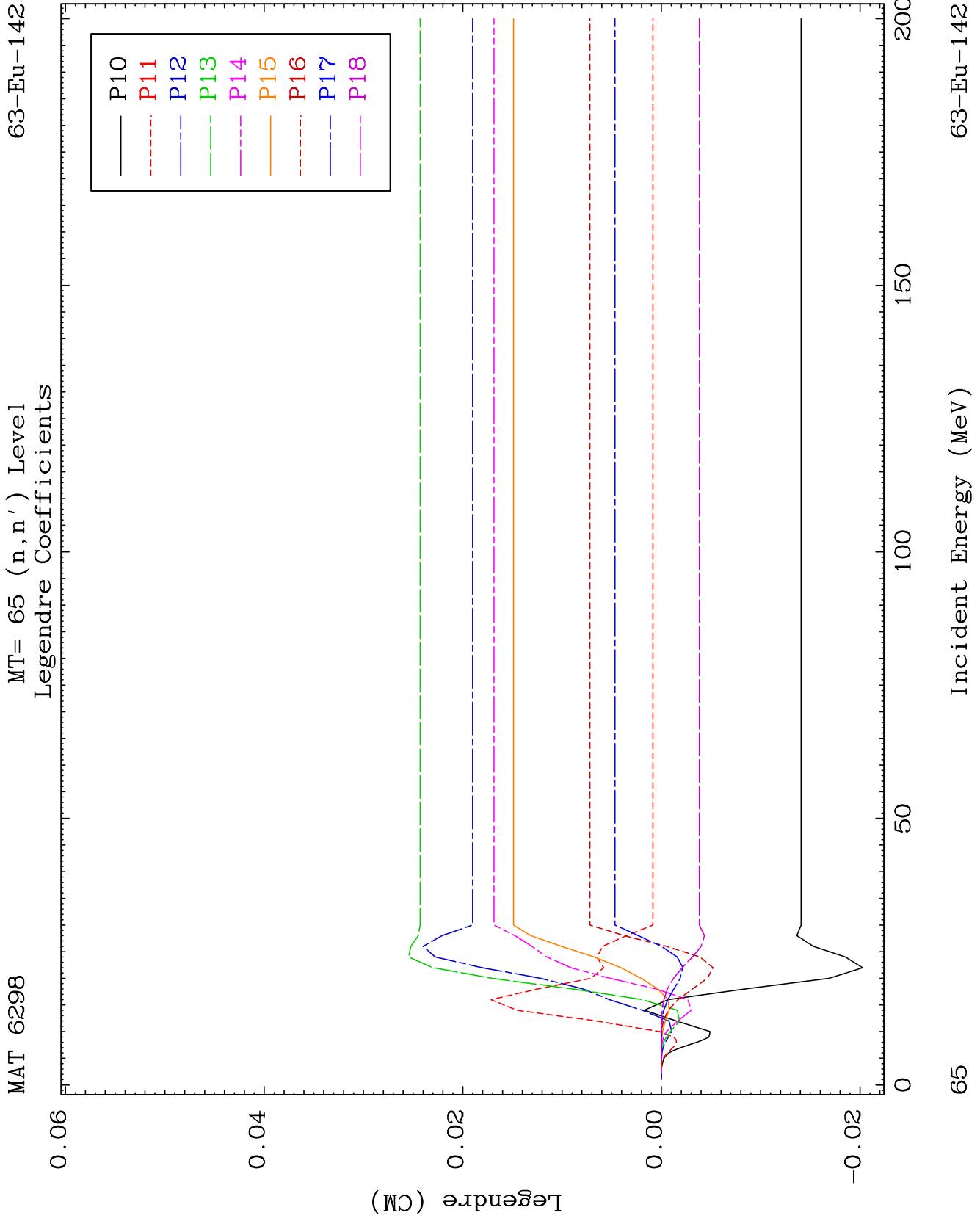
63-Eu-142



64

Incident Energy (MeV)

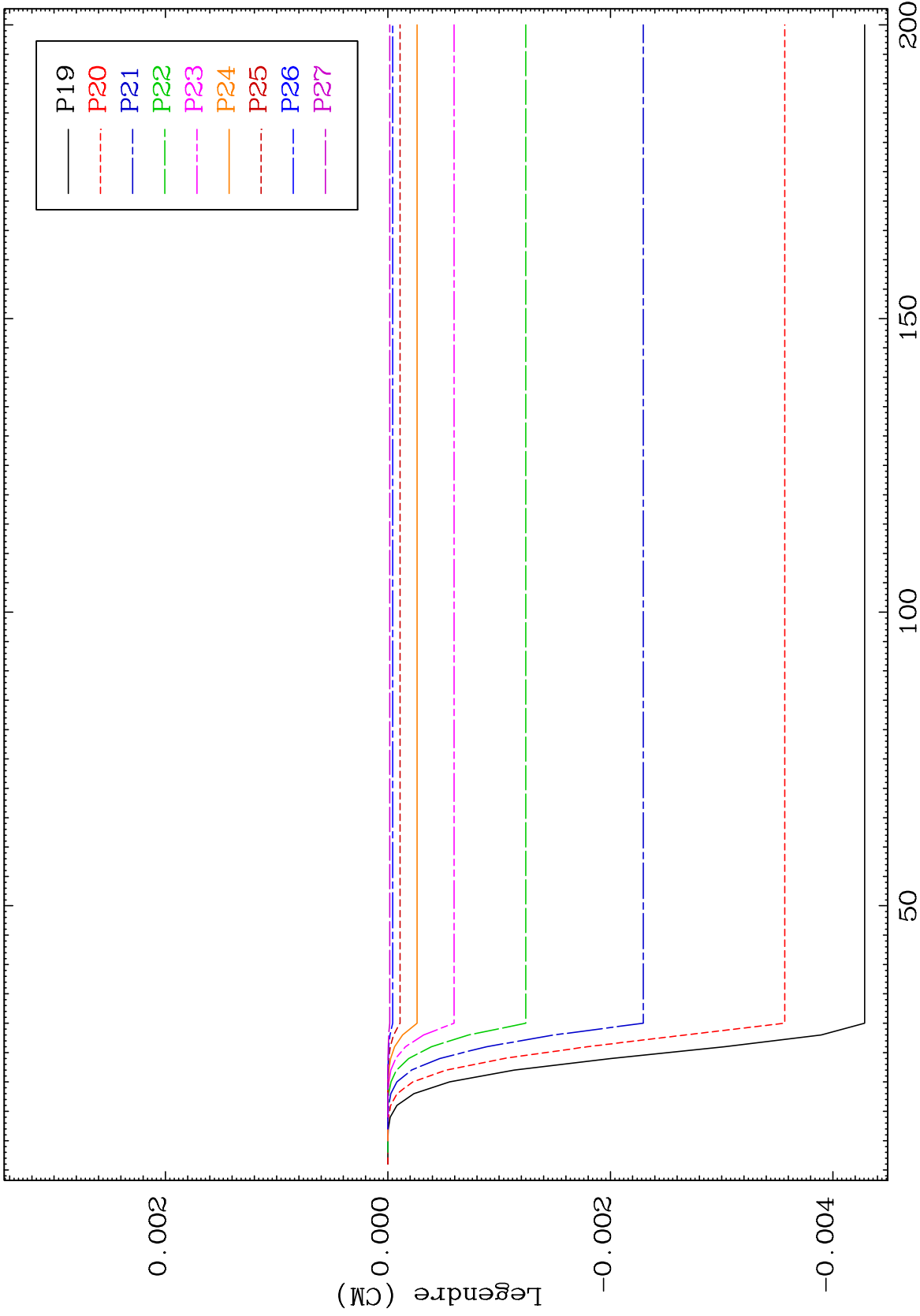
63-Eu-142



MAT 6298

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

63-Eu-142



66

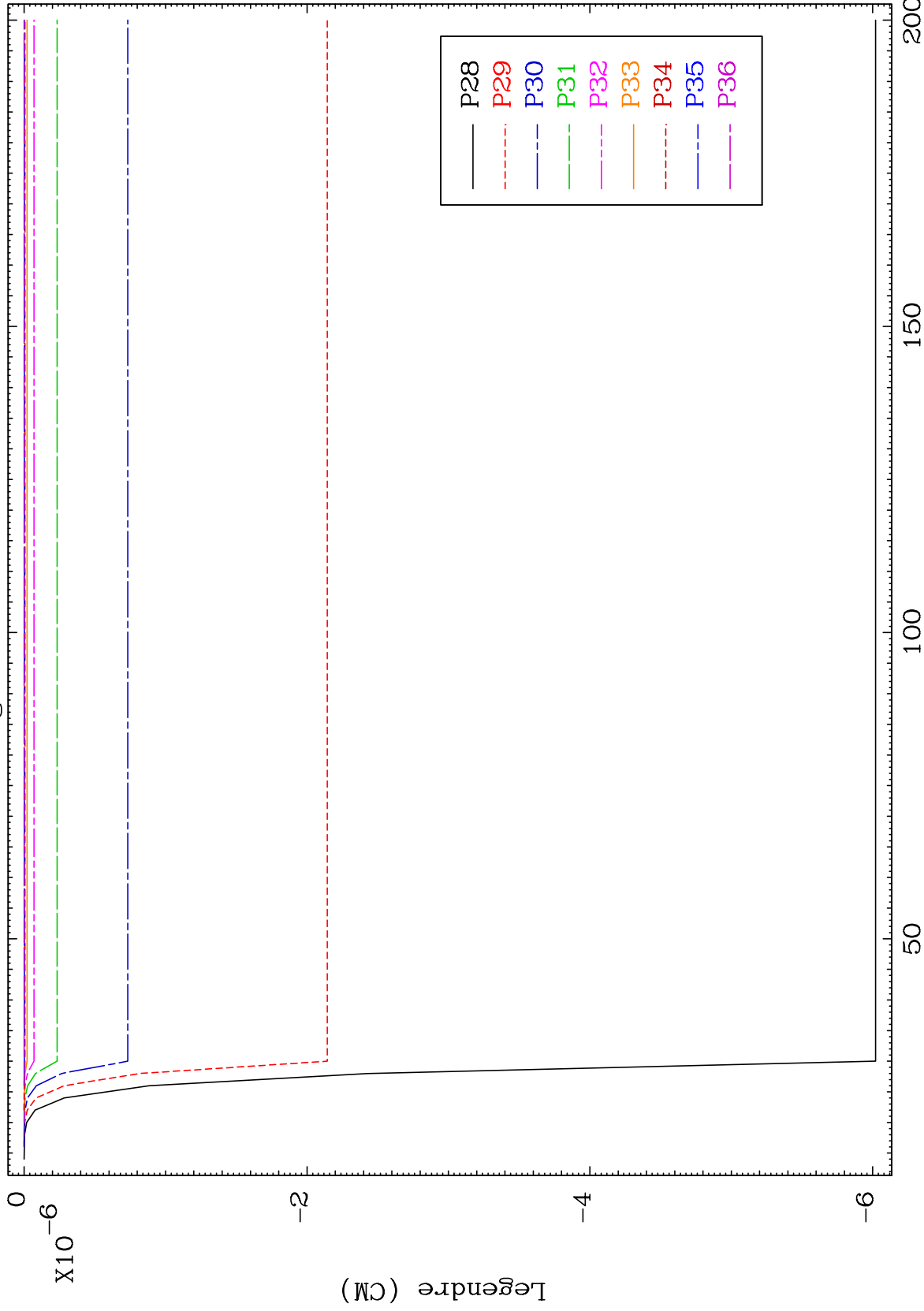
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142

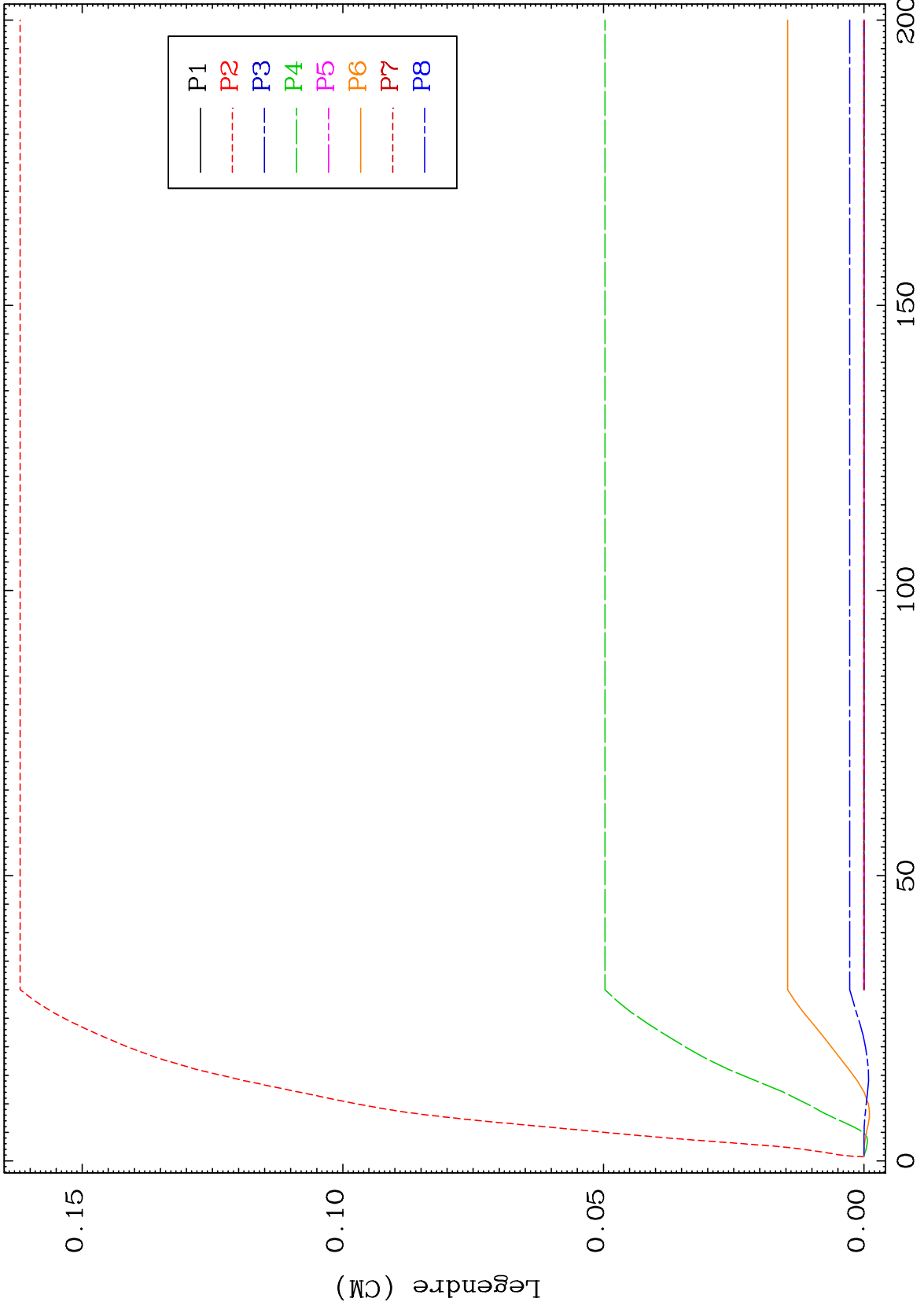


63-Eu-142

Incident Energy (MeV)

67

MAT 6298 MT= 66 (n,n') Level Legendre Coefficients 63-Eu-142

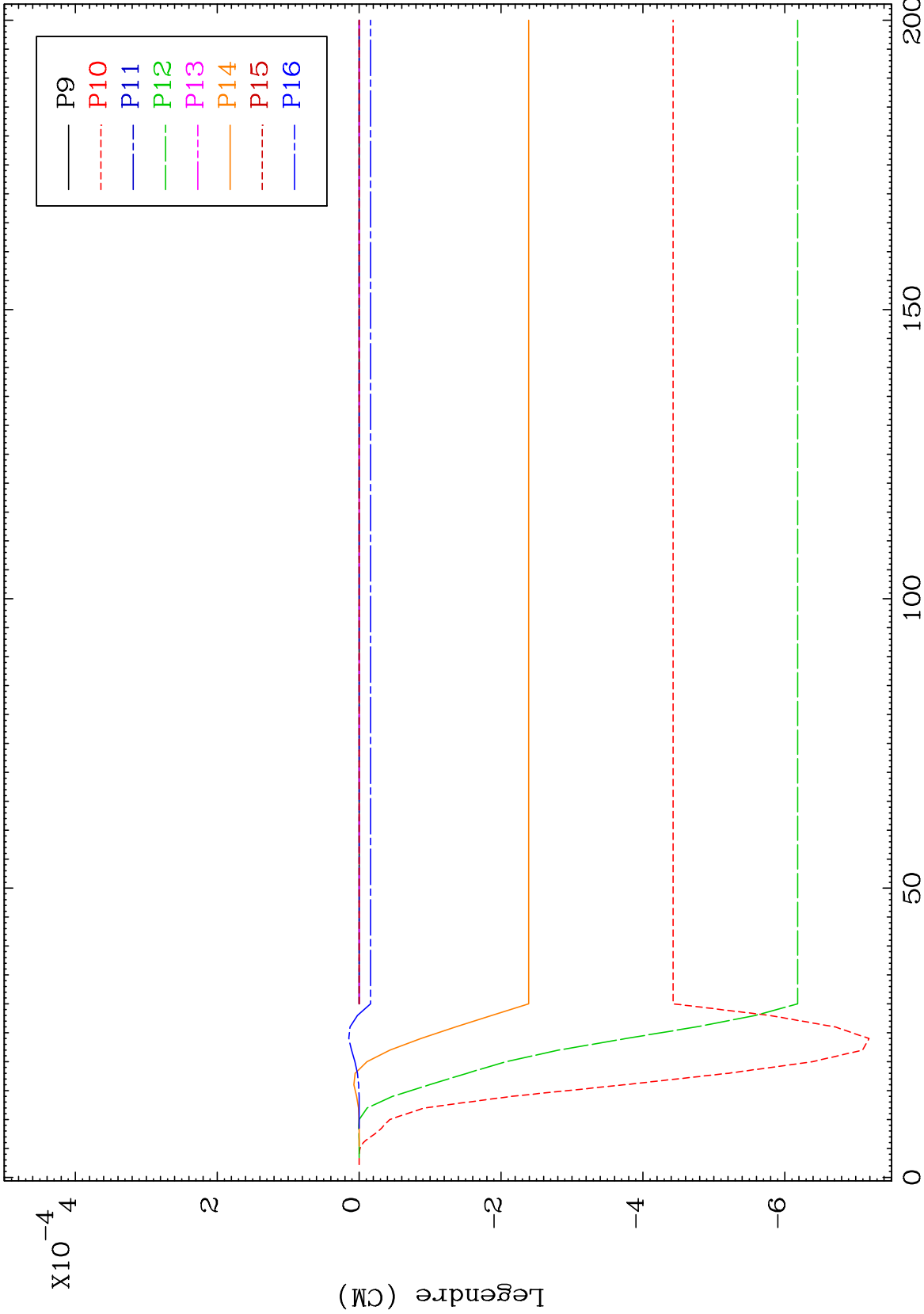


68 63-Eu-142

MAT 6298

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

63-Eu-142

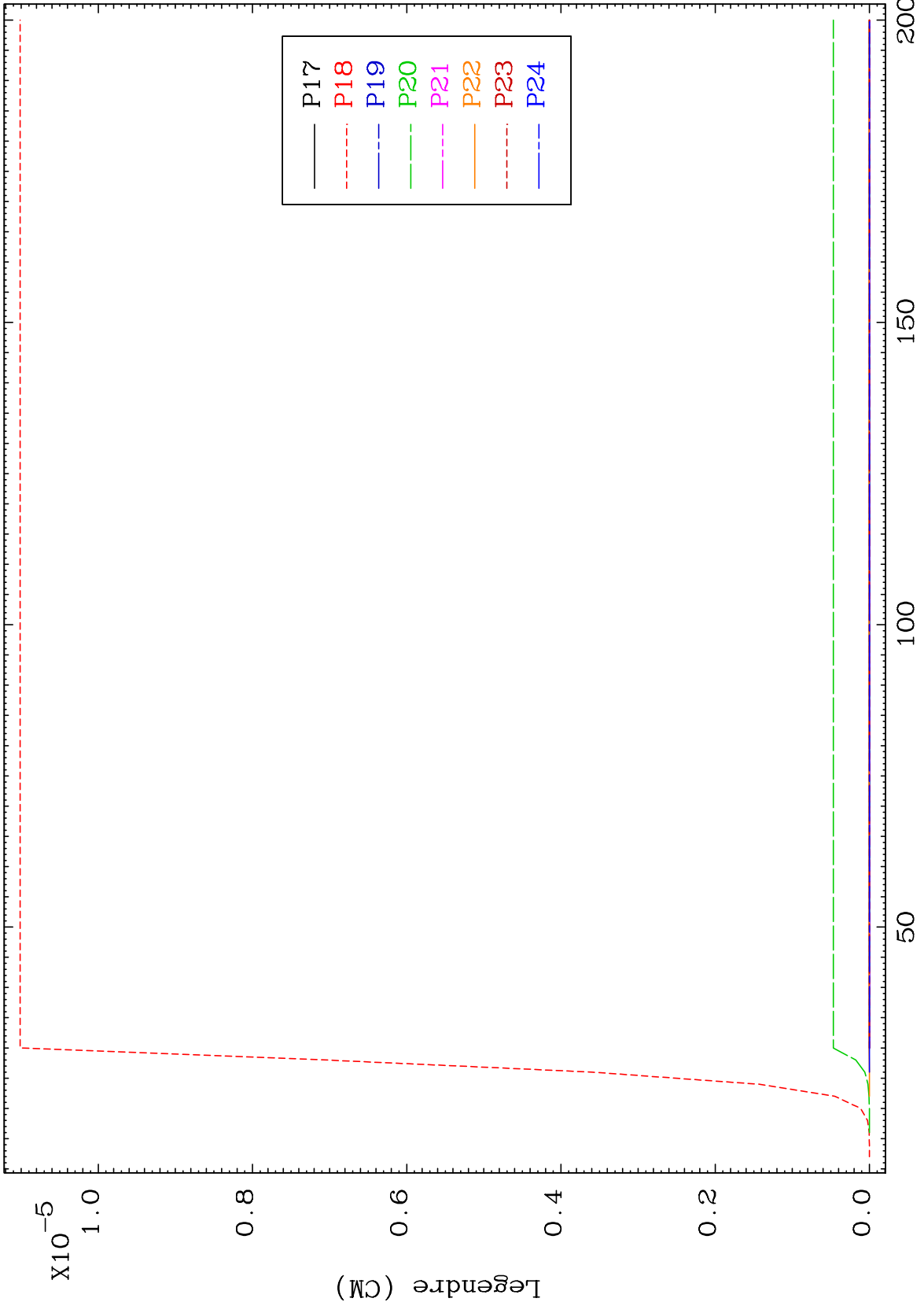


69

Incident Energy (MeV)

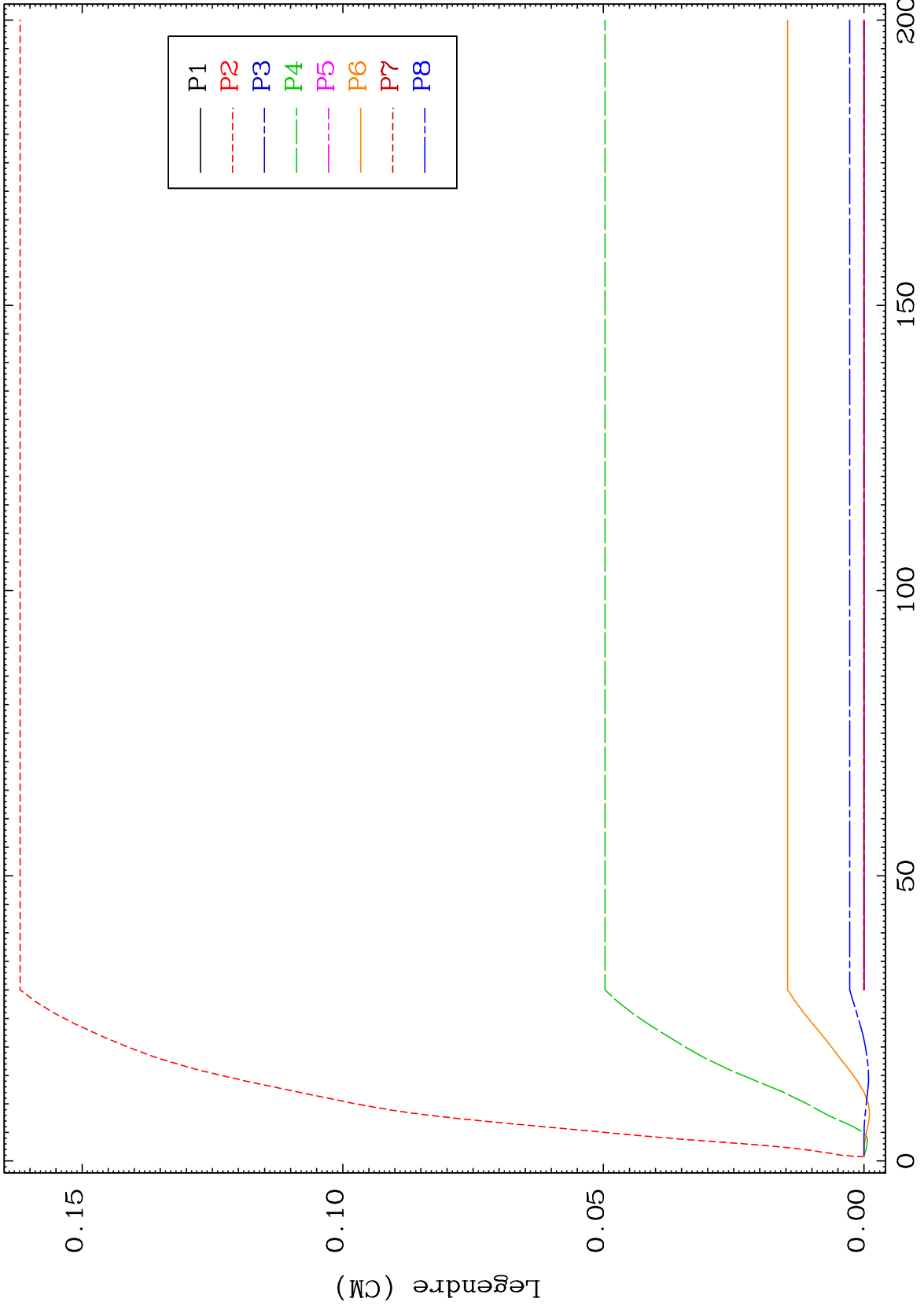
63-Eu-142

MAT 6298 MT= 66 (n,n') Level Legendre Coefficients 63-Eu-142



63-Eu-142

MAT 6298 MT= 67 (n,n') Level Legendre Coefficients 63-Eu-142

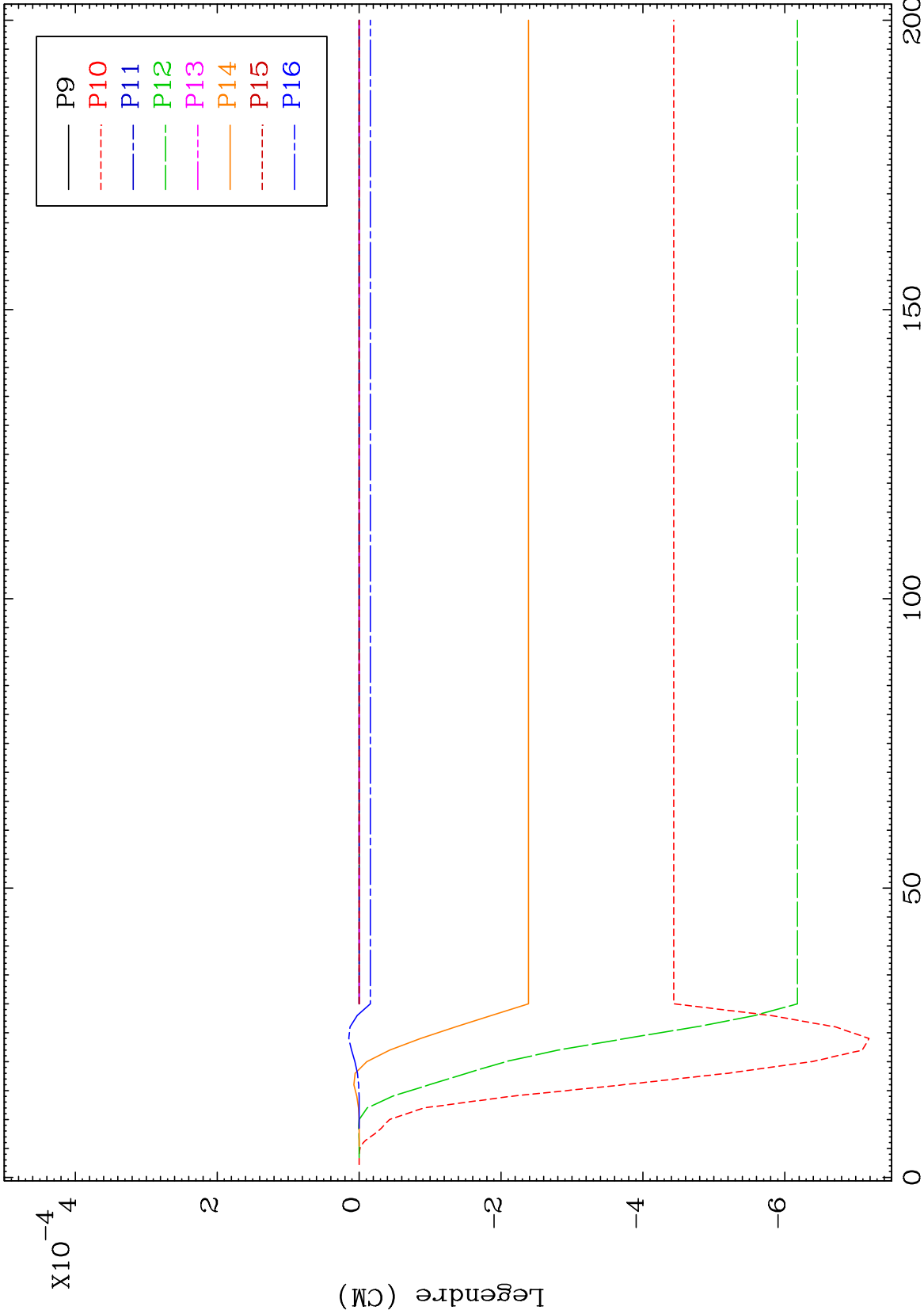


71 63-Eu-142

MAT 6298

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

63-Eu-142



72

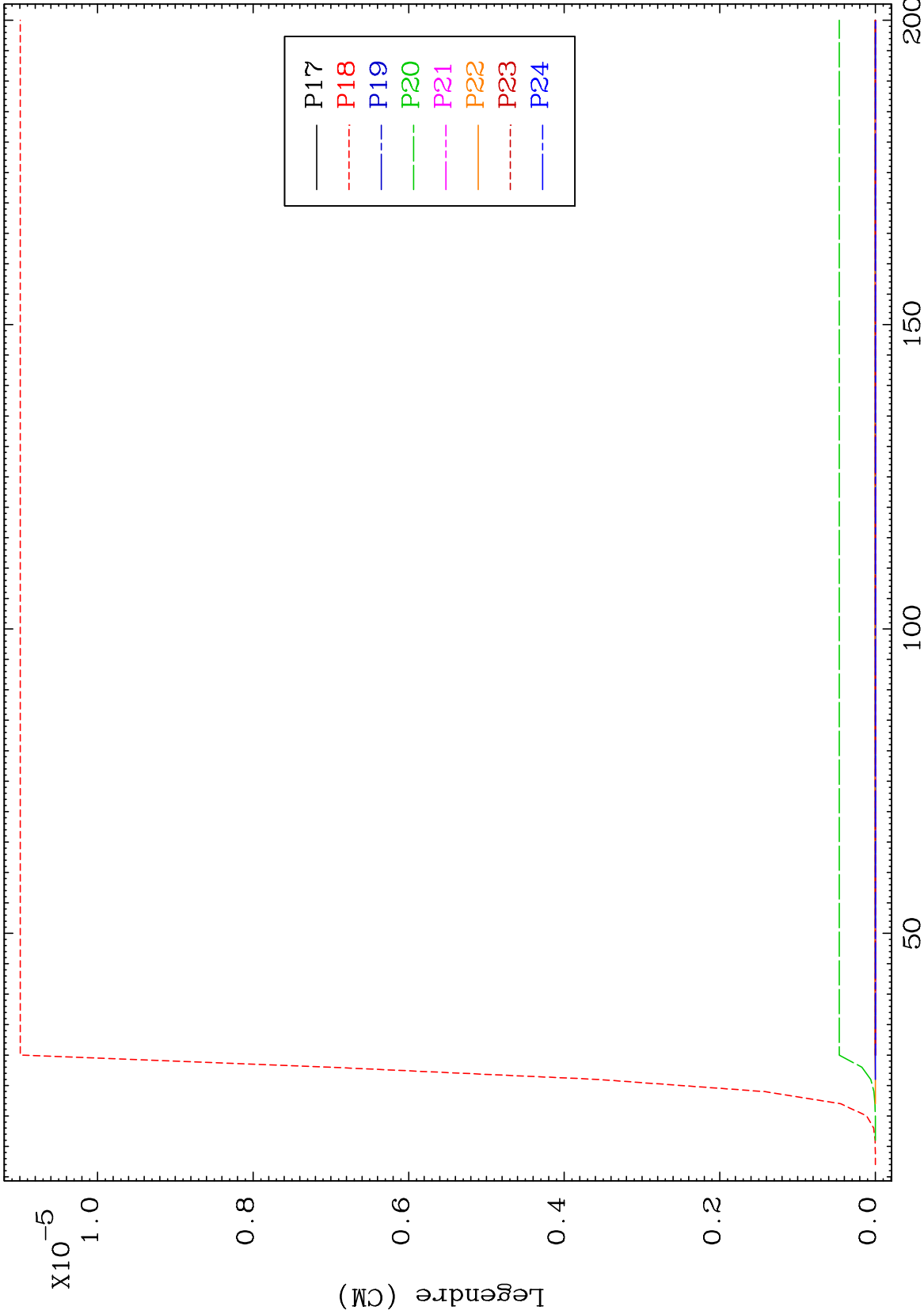
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



73

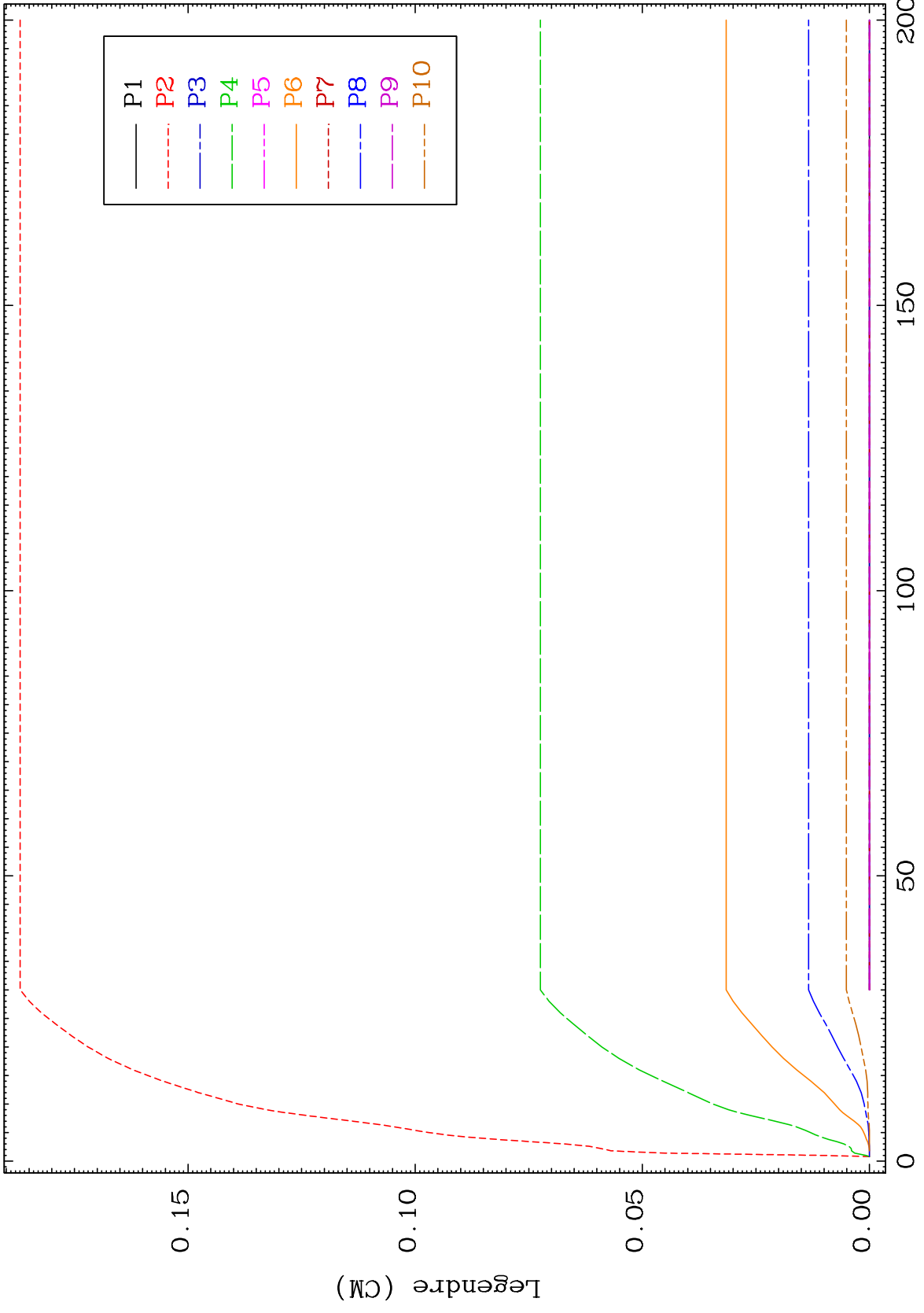
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



74

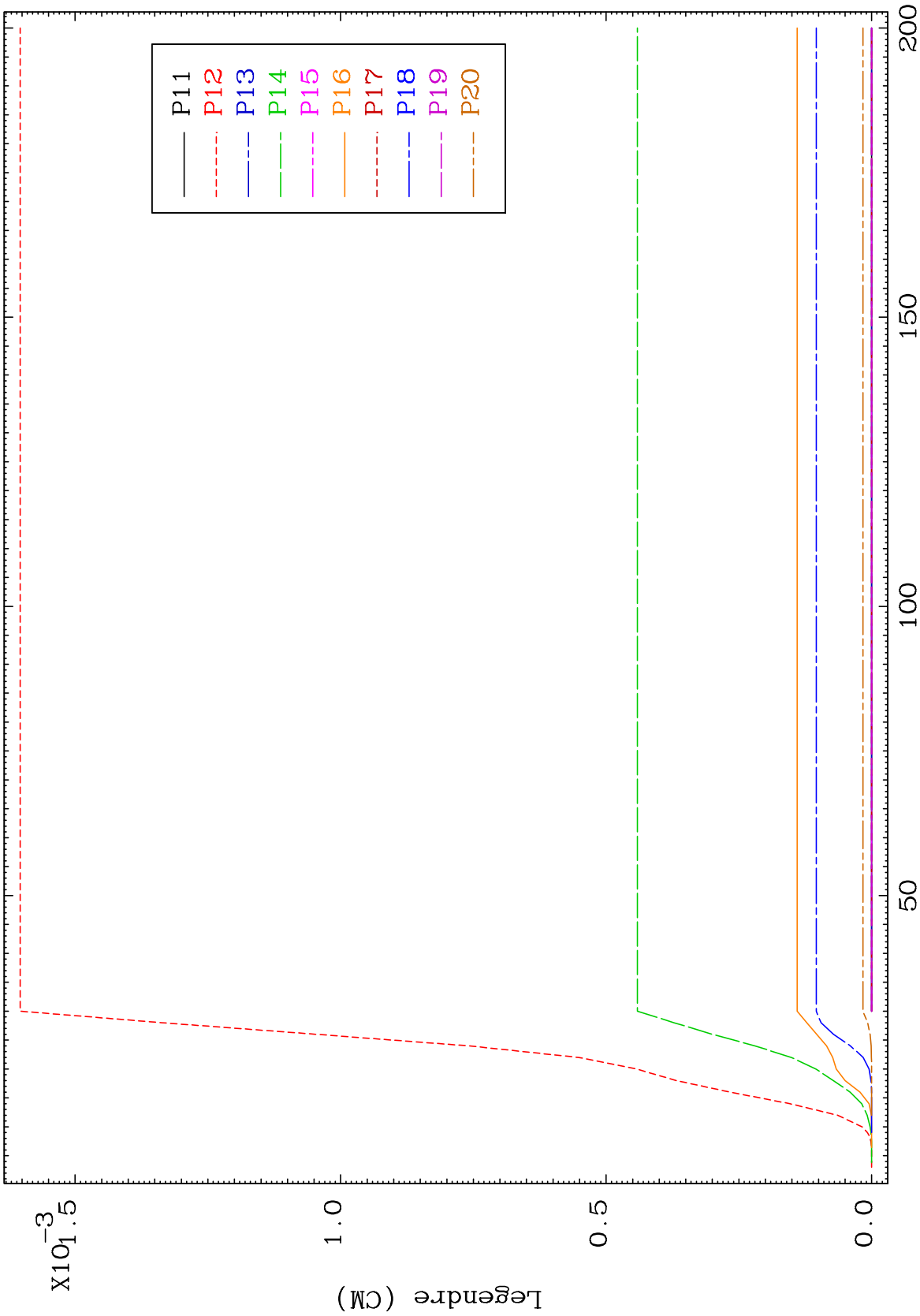
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



75

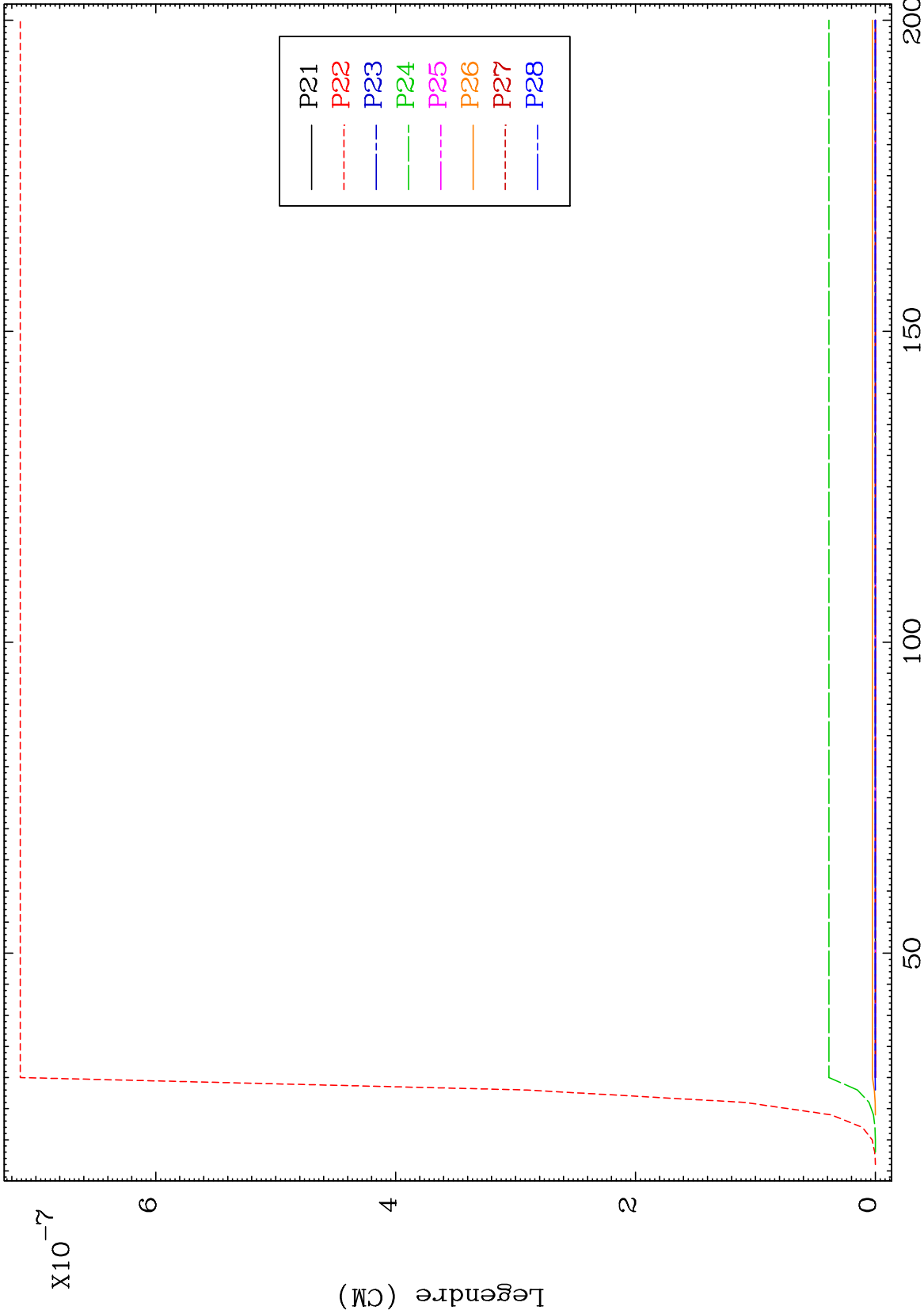
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



76

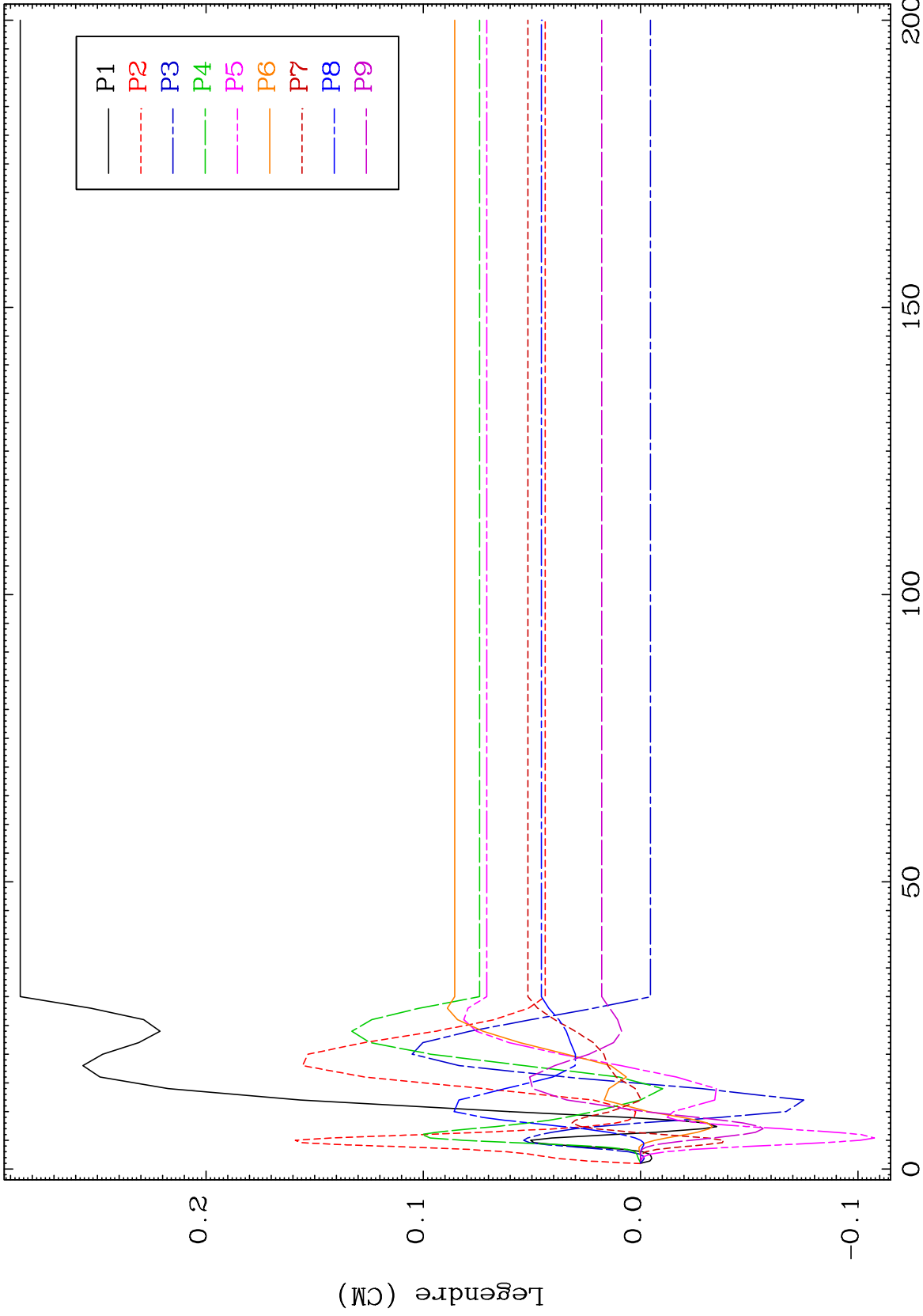
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



77

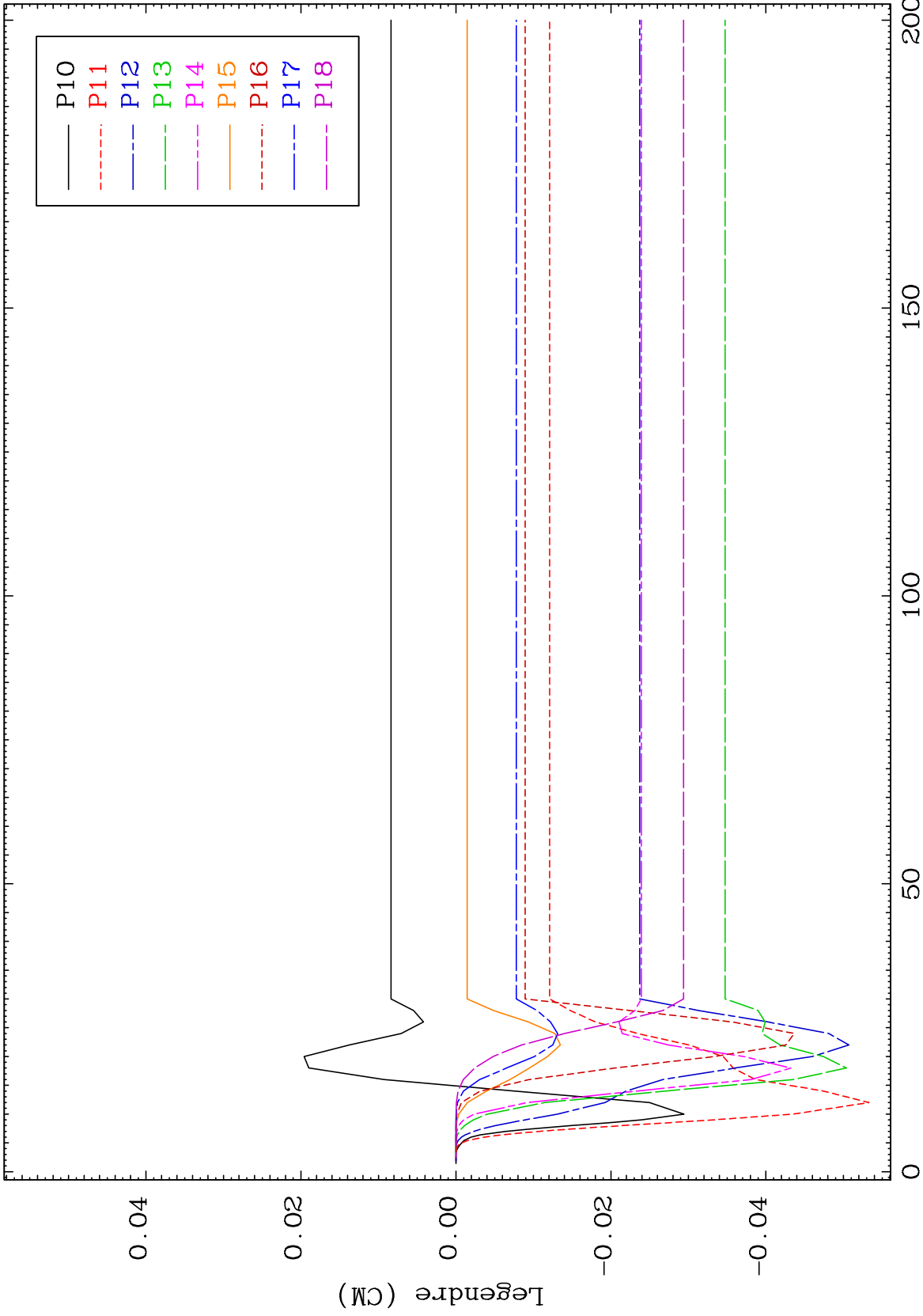
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142

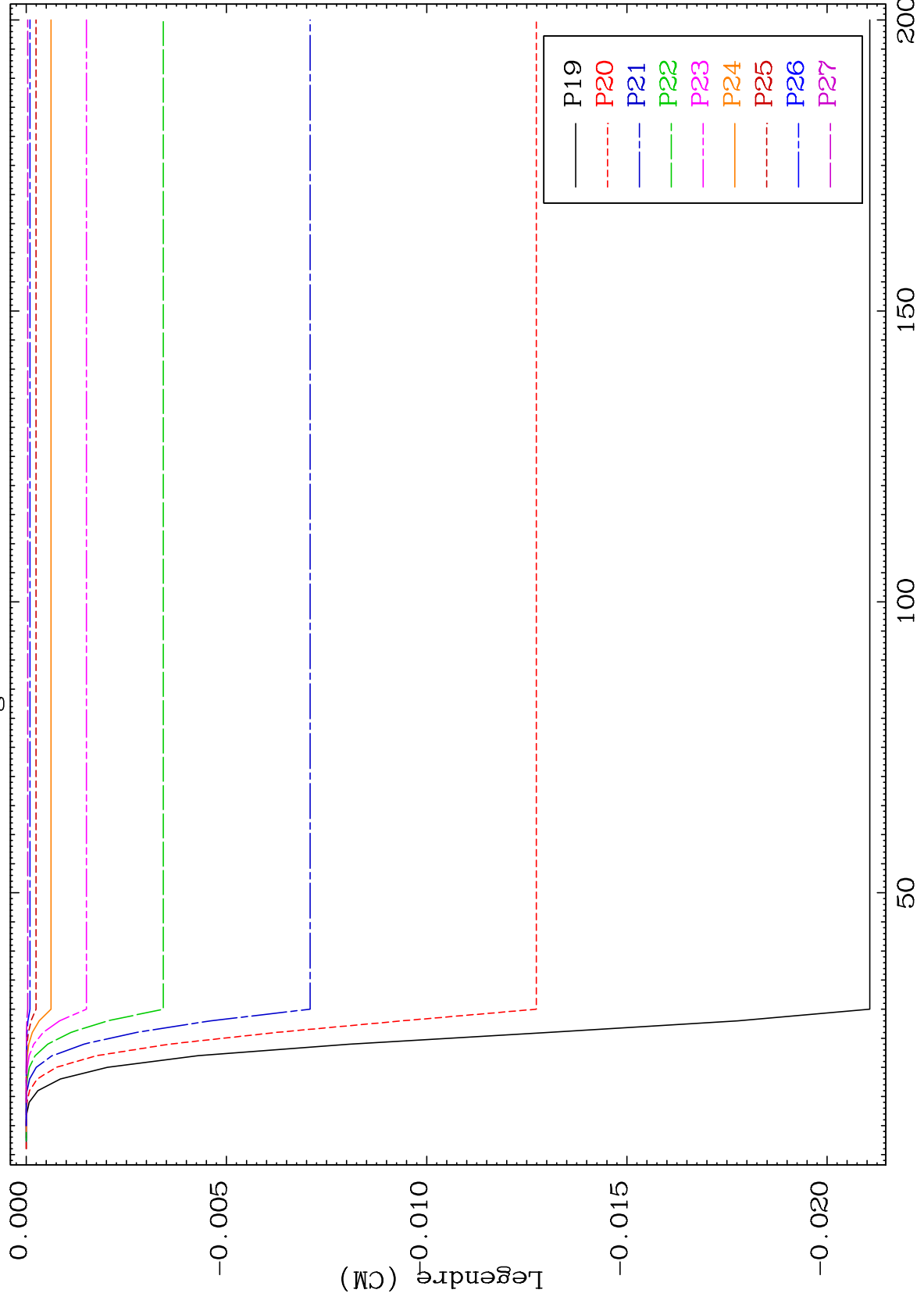


78

Incident Energy (MeV)

63-Eu-142

MAT 6298 MT= 69 (n,n') Level Legendre Coefficients 63-Eu-142

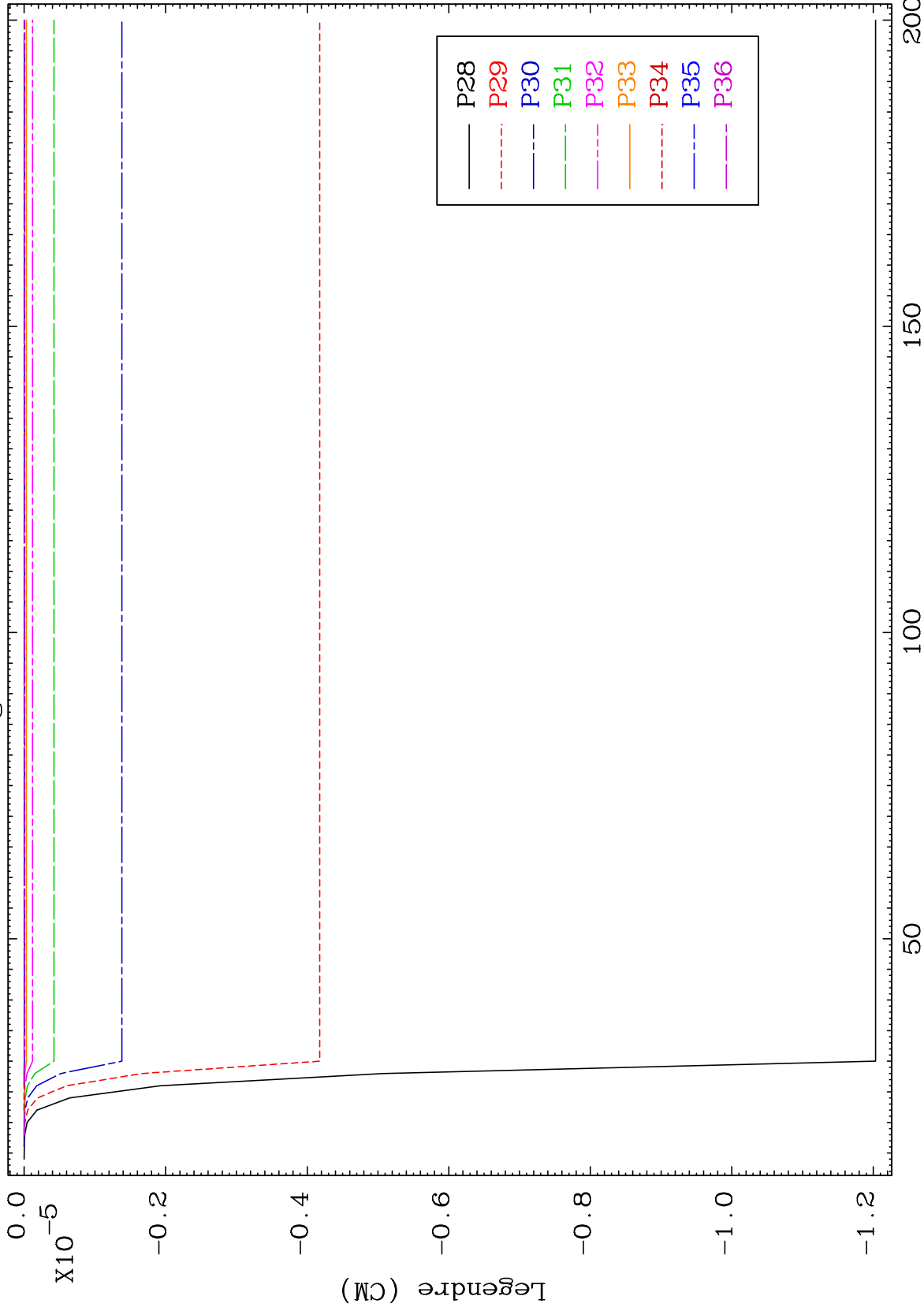


79 63-Eu-142

MAT 6298

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

63-Eu-142



80

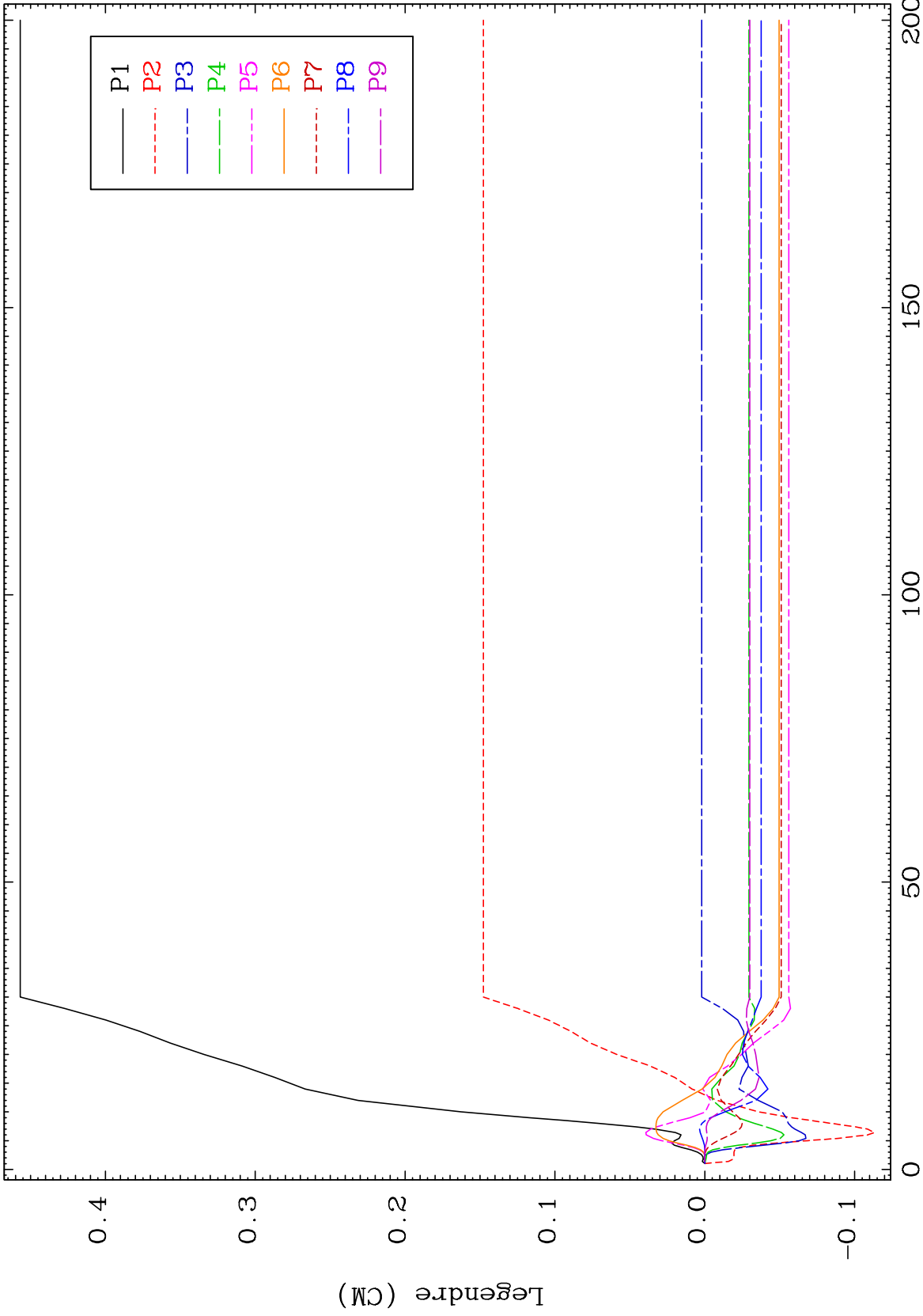
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



81

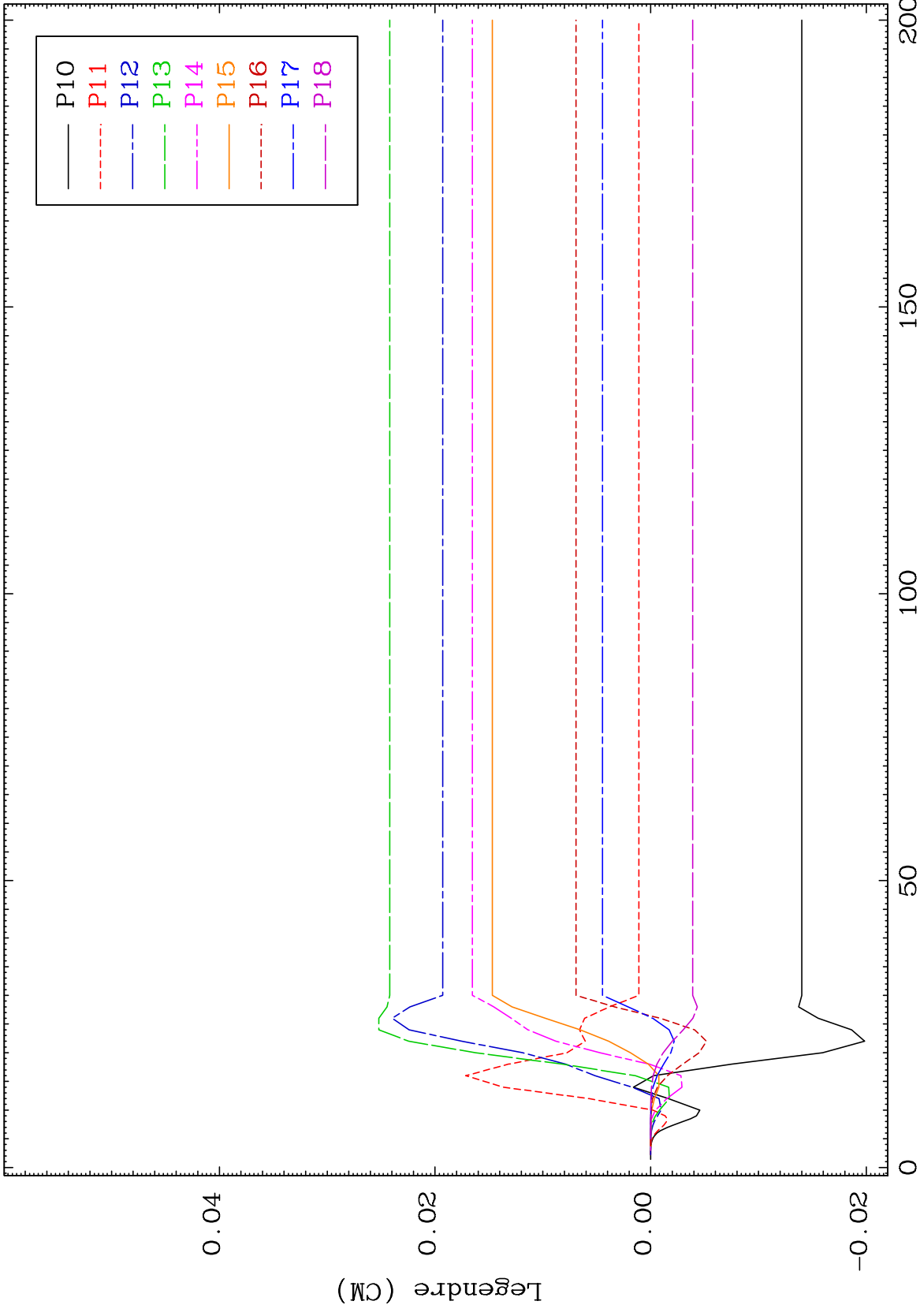
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



82

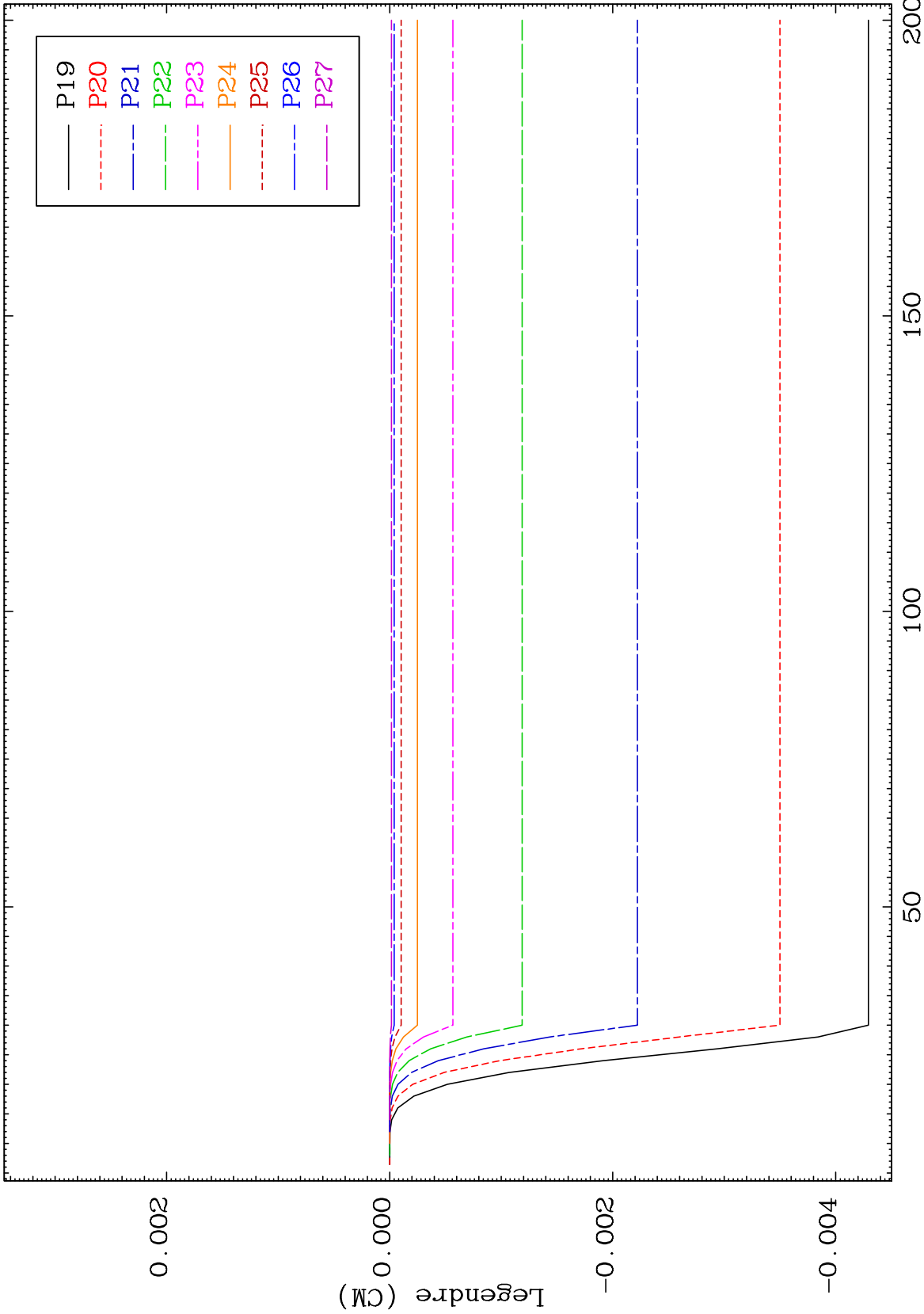
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



83

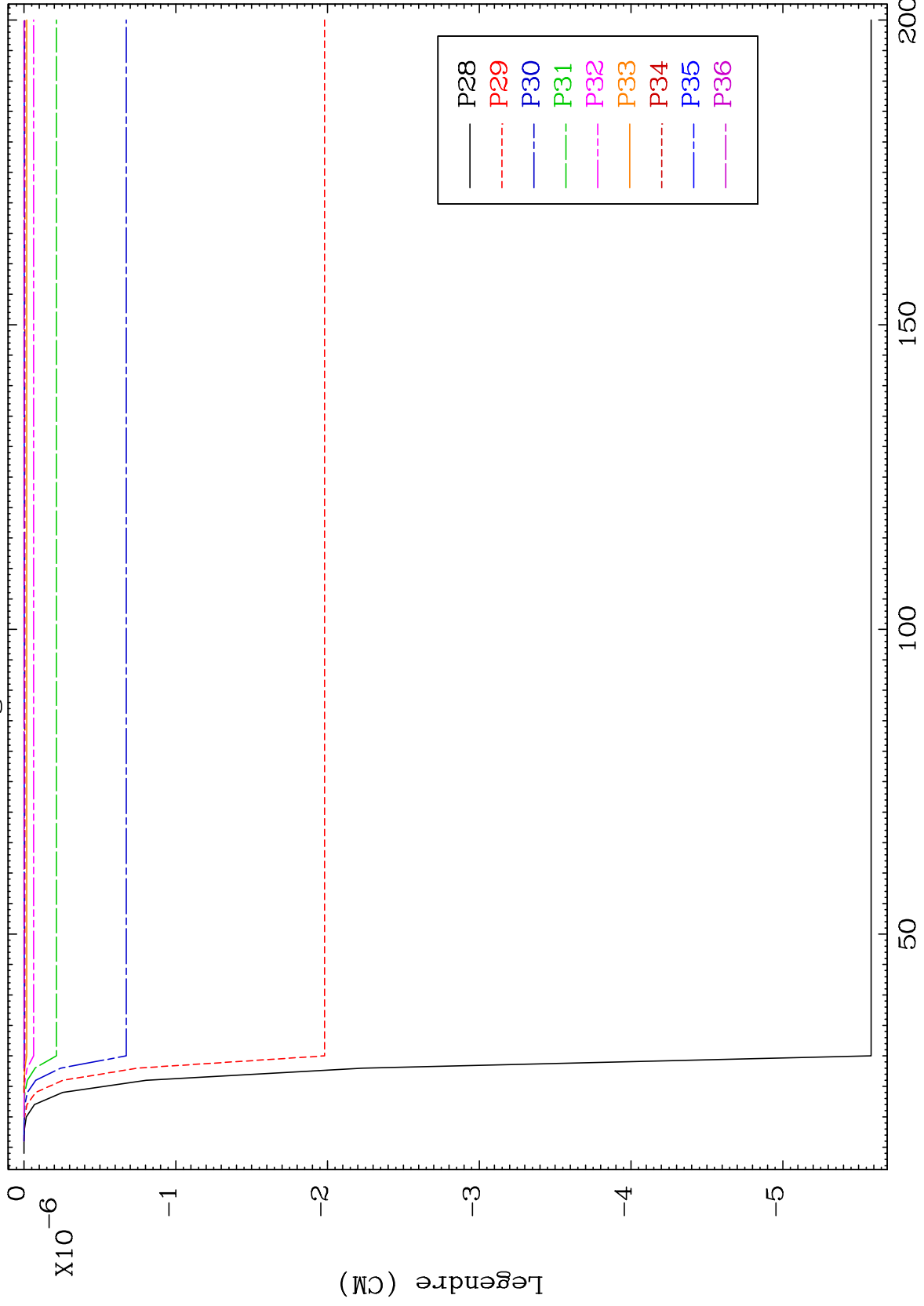
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

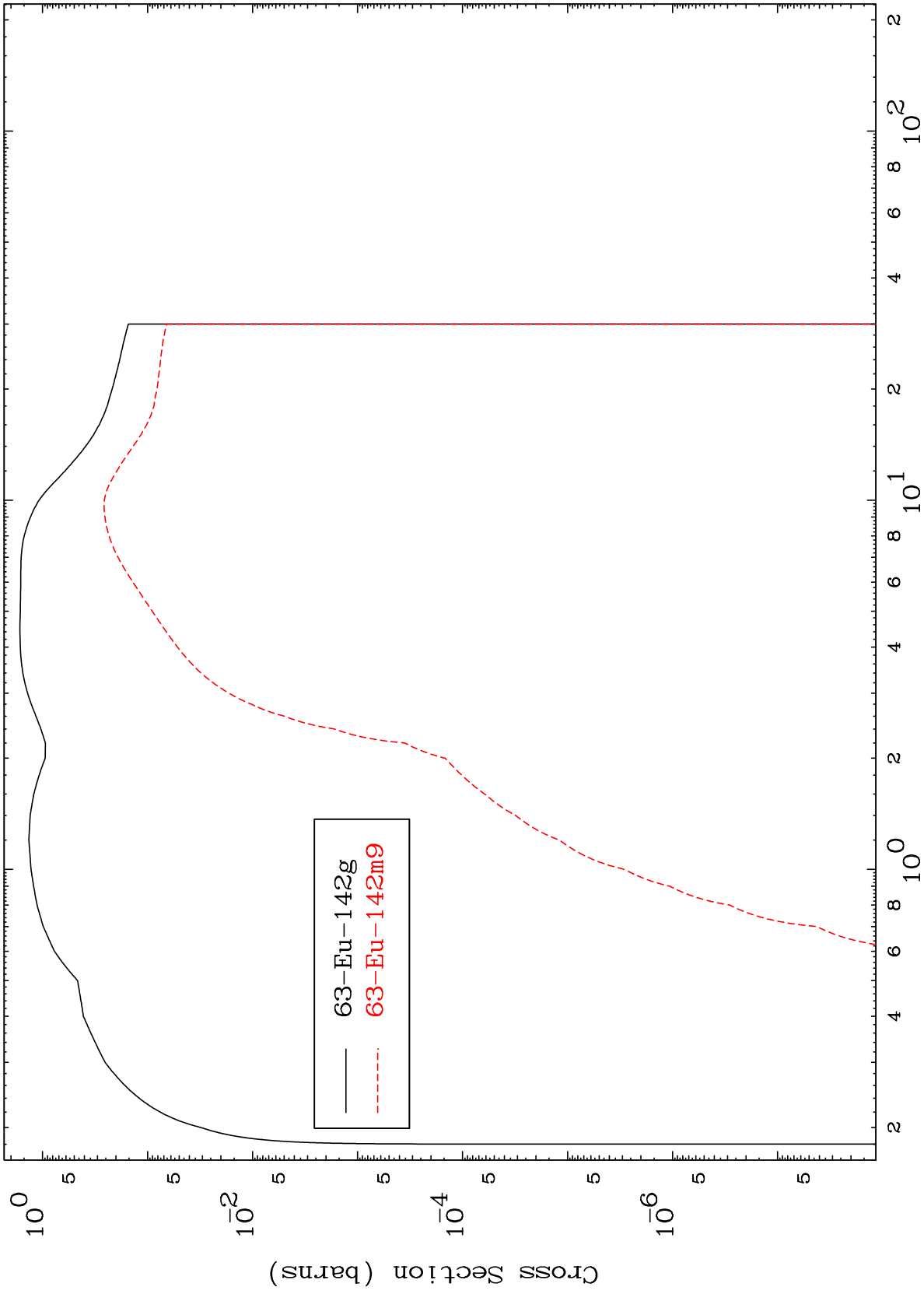
Incident Energy (MeV)

84

MAT 6298

63-Eu-142

Inelastic Radionuclide Production Cross Section



85

Incident Energy (MeV)

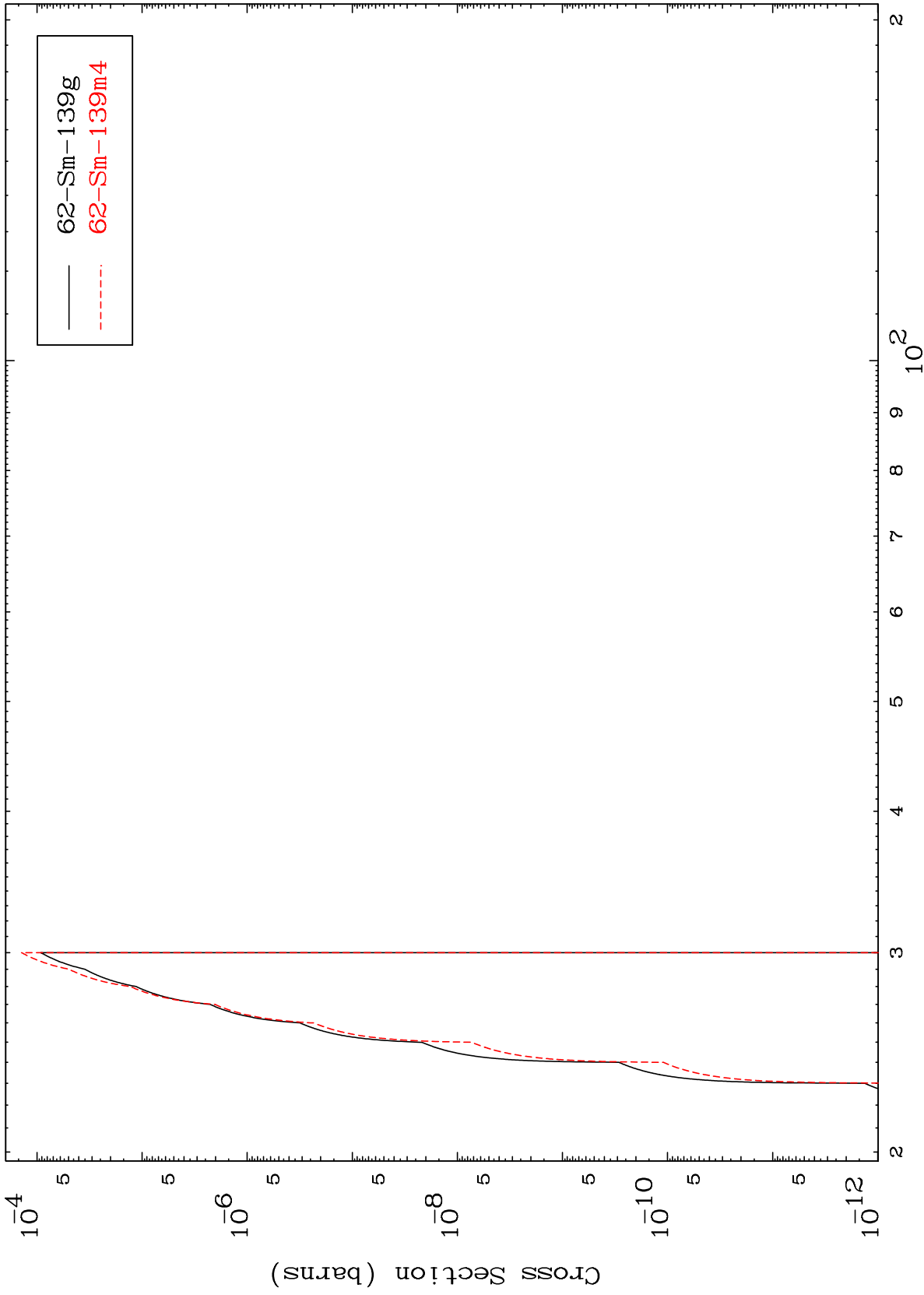
63-Eu-142

MAT 6298

(n,2n) d

63-Eu-142

Radionuclide Production Cross Section



86

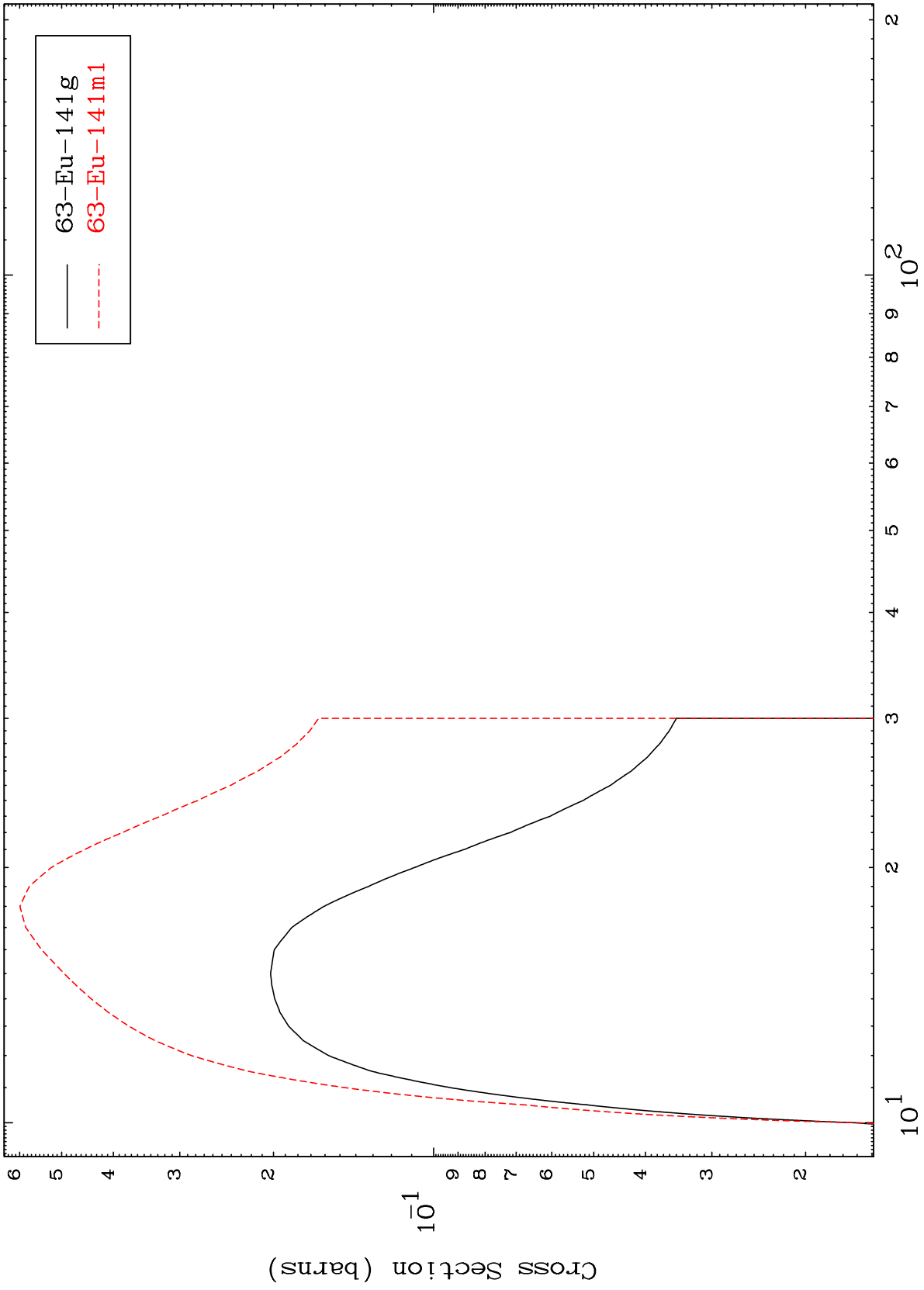
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(n,2n)
Radionuclide Production Cross Section



87

Incident Energy (MeV)

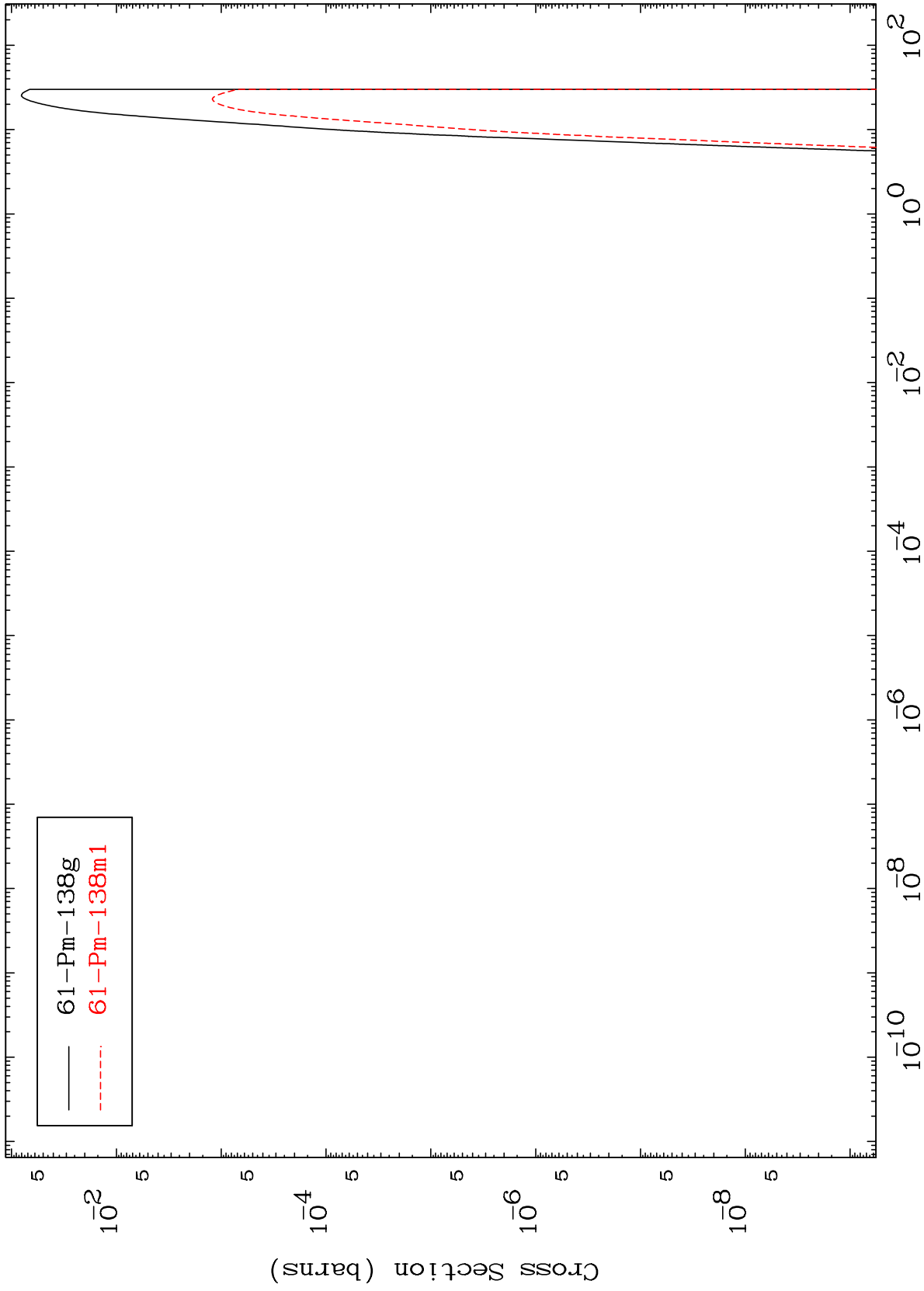
63-Eu-142

MAT 6298

(n,n') α

63-Eu-142

Radionuclide Production Cross Section



88

Incident Energy (MeV)

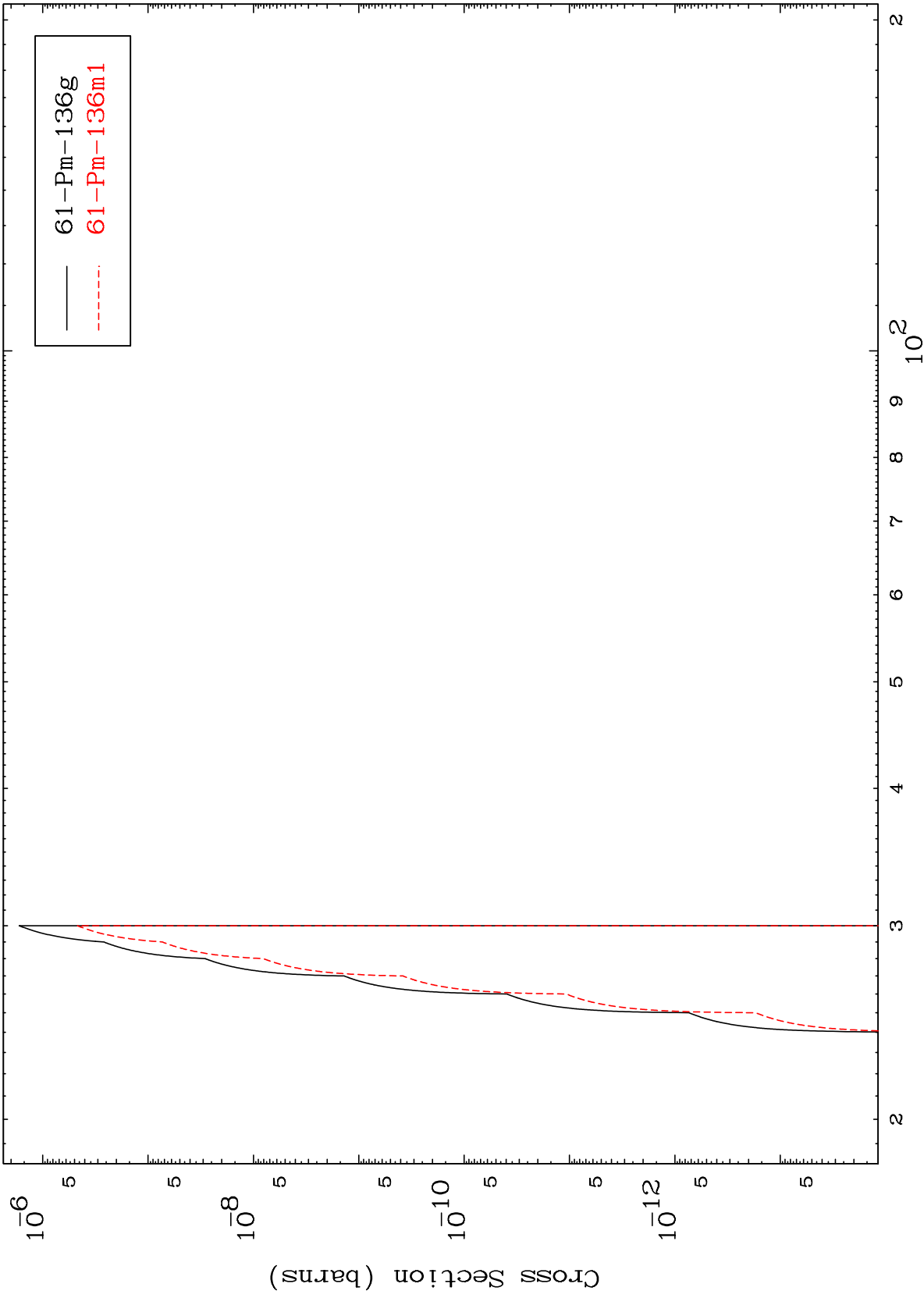
63-Eu-142

MAT 6298

(n,3n) α

63-Eu-142

Radionuclide Production Cross Section



89

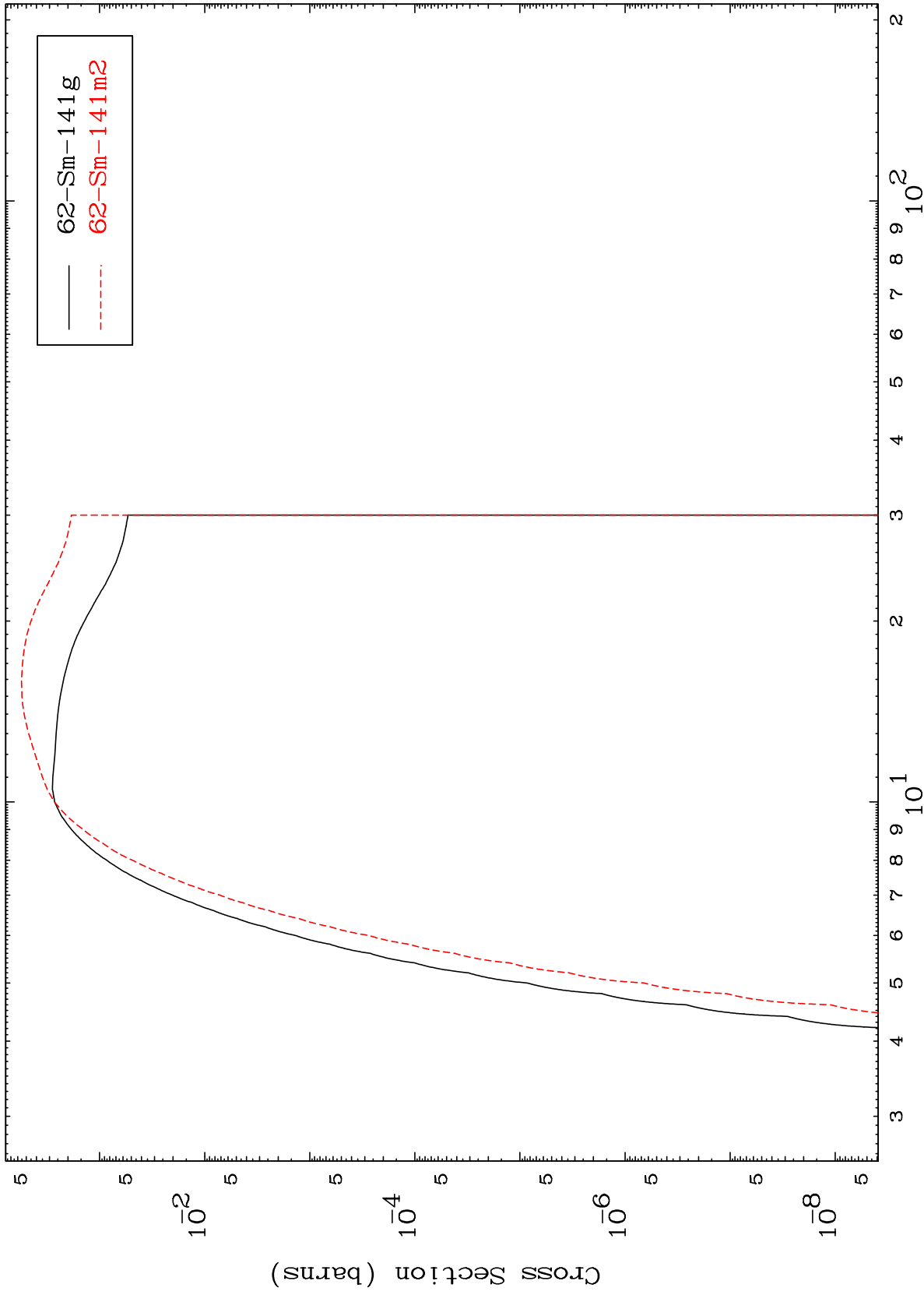
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(n,n') p
Radionuclide Production Cross Section



90

Incident Energy (MeV)

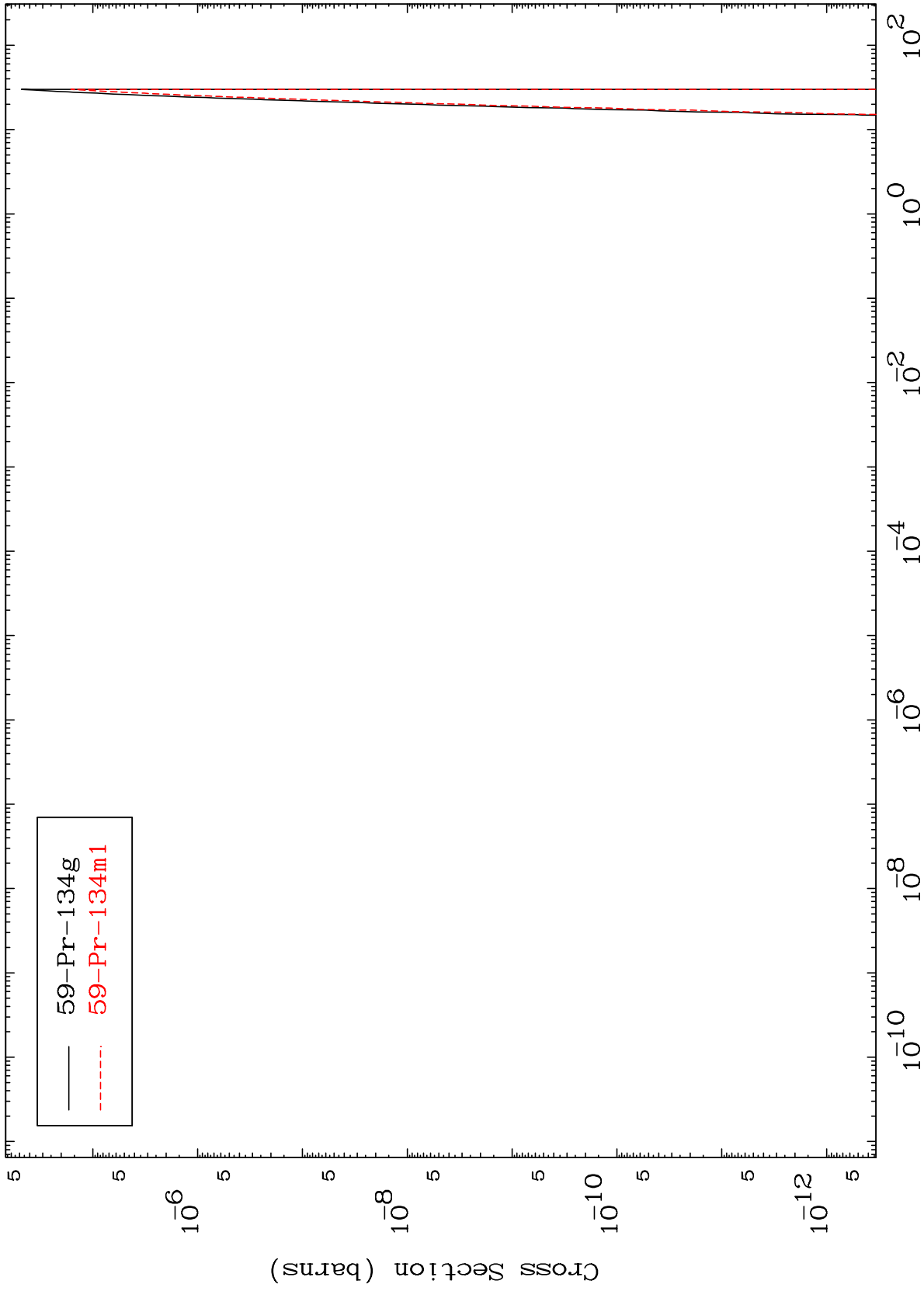
63-Eu-142

MAT 6298

(n,n') 2 α

63-Eu-142

Radionuclide Production Cross Section



91

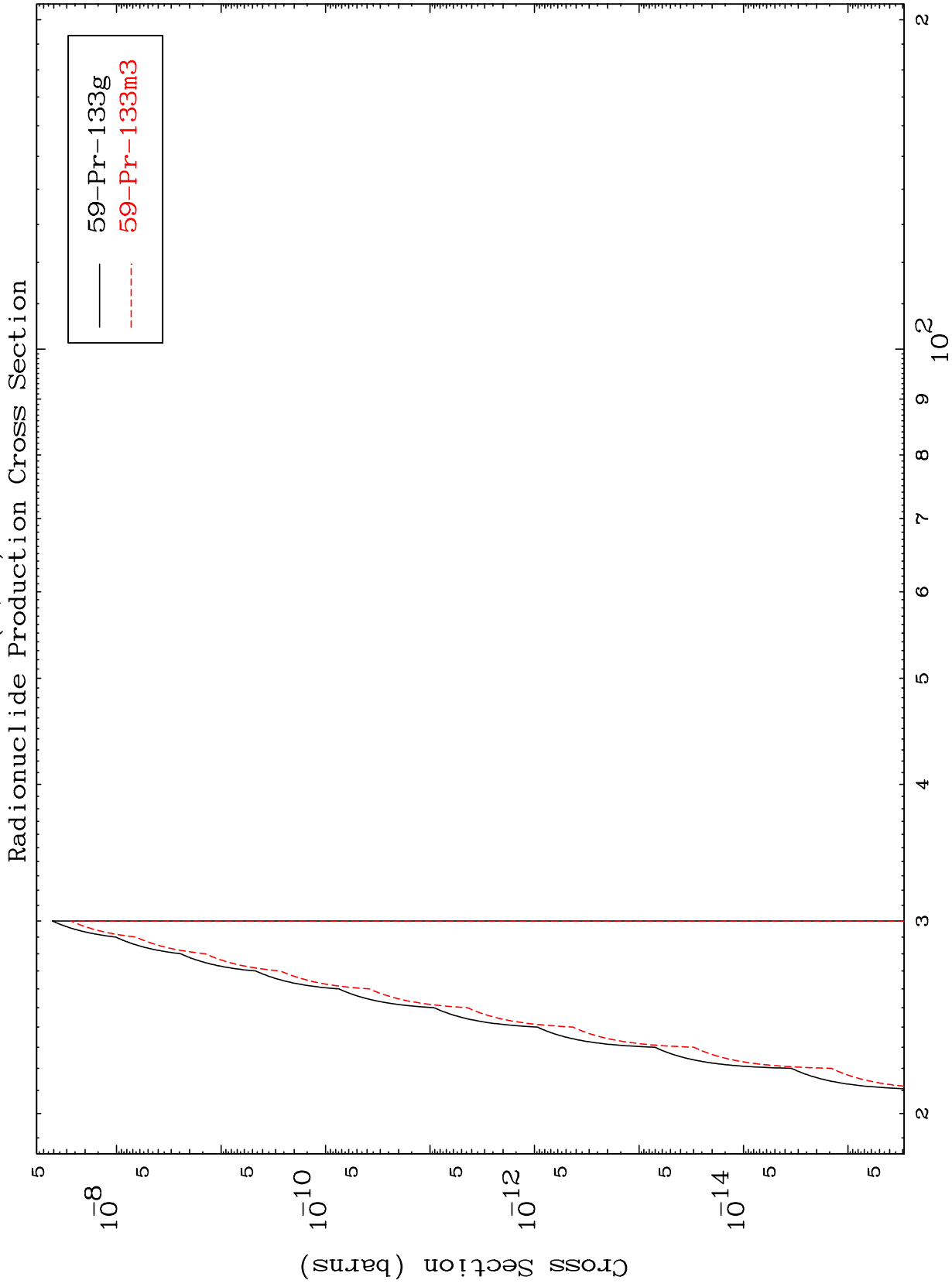
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,2n) 2 α

63-Eu-142



92

Incident Energy (MeV)

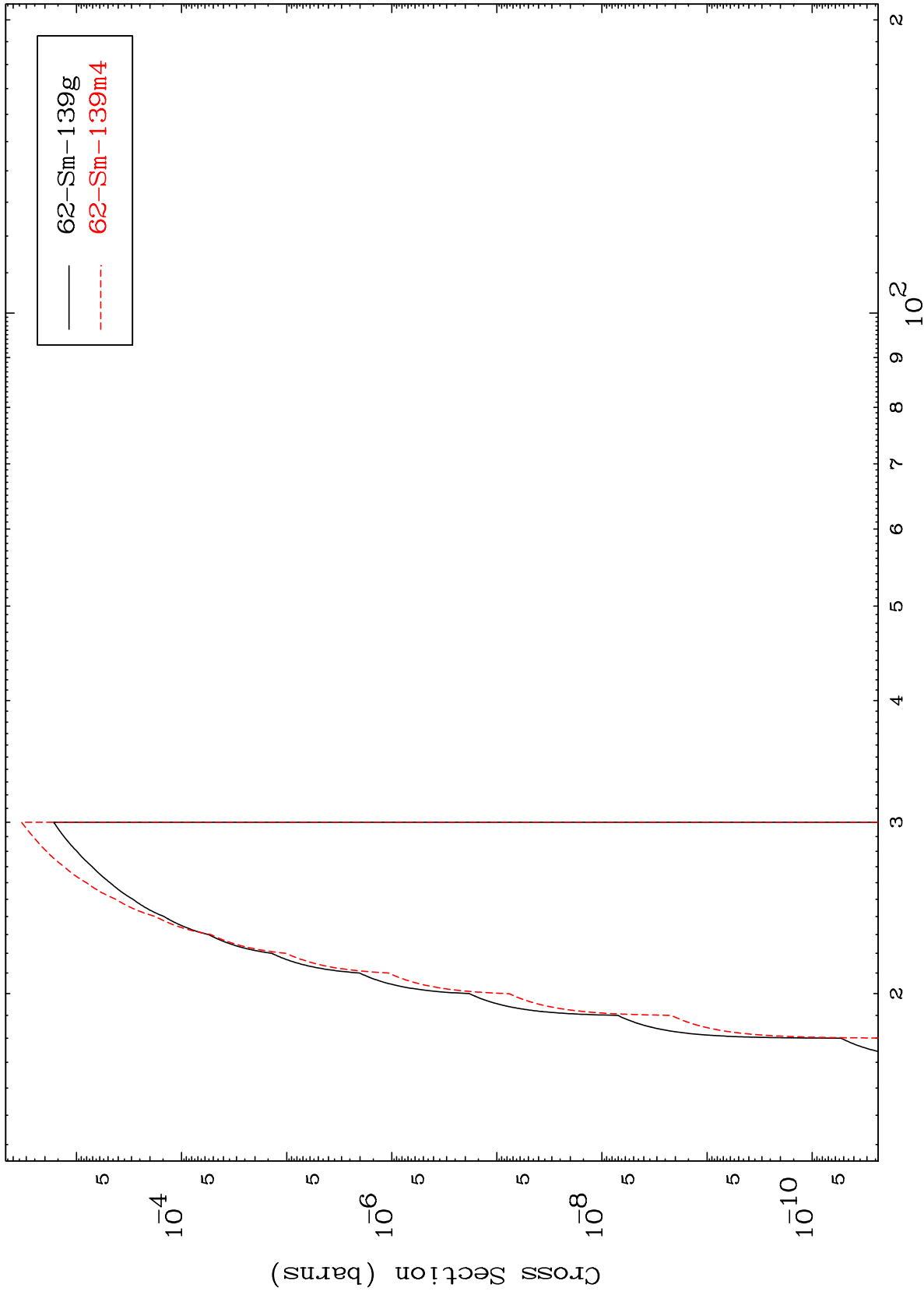
63-Eu-142

MAT 6298

(n,n') t

63-Eu-142

Radionuclide Production Cross Section



93

Incident Energy (MeV)

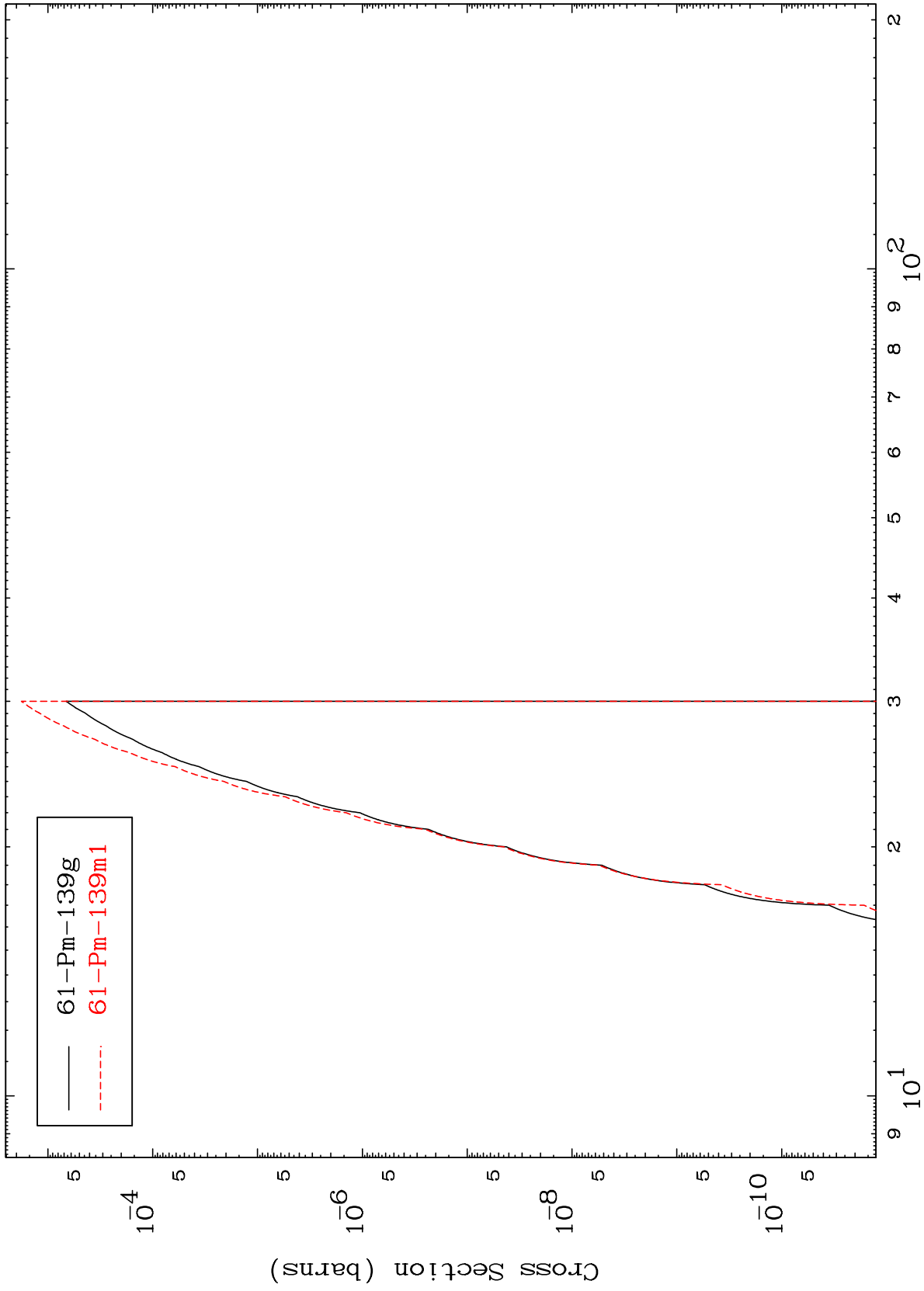
63-Eu-142

MAT 6298

(n, n') He-3

63-Eu-142

Radionuclide Production Cross Section



94

Incident Energy (MeV)

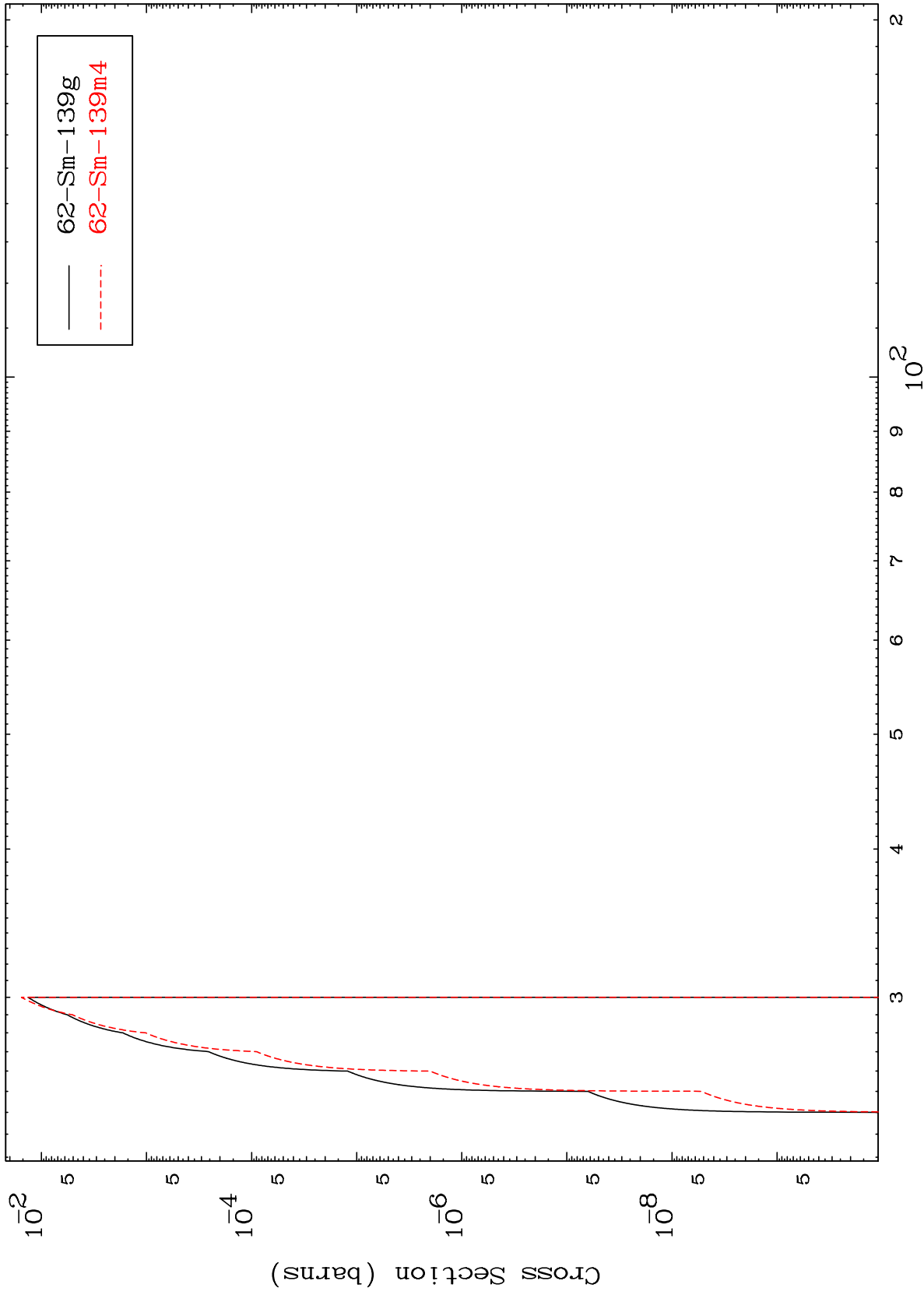
63-Eu-142

MAT 6298

(n,3n) p

63-Eu-142

Radionuclide Production Cross Section



95

Incident Energy (MeV)

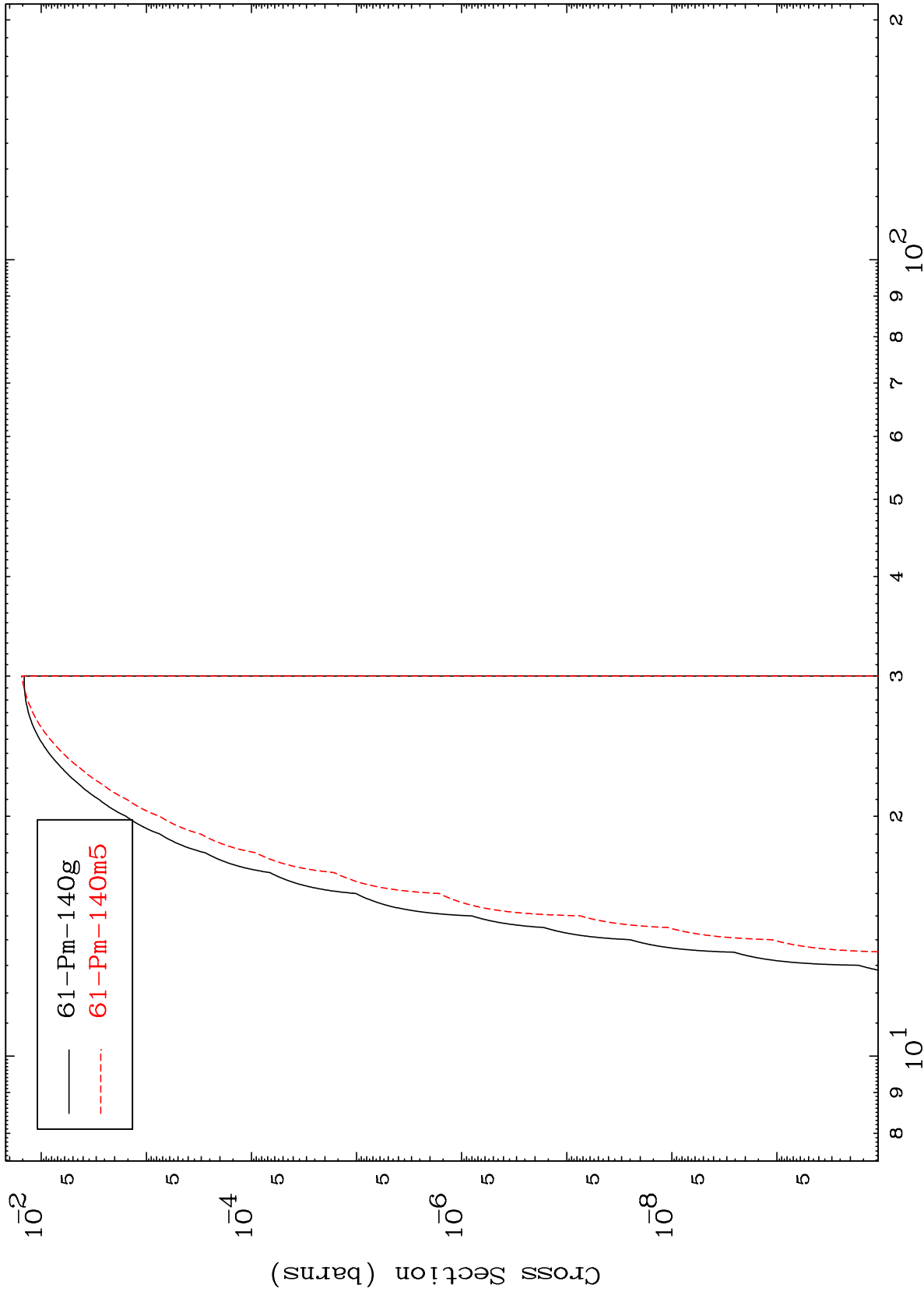
63-Eu-142

MAT 6298

(n,2n) p

63-Eu-142

Radionuclide Production Cross Section

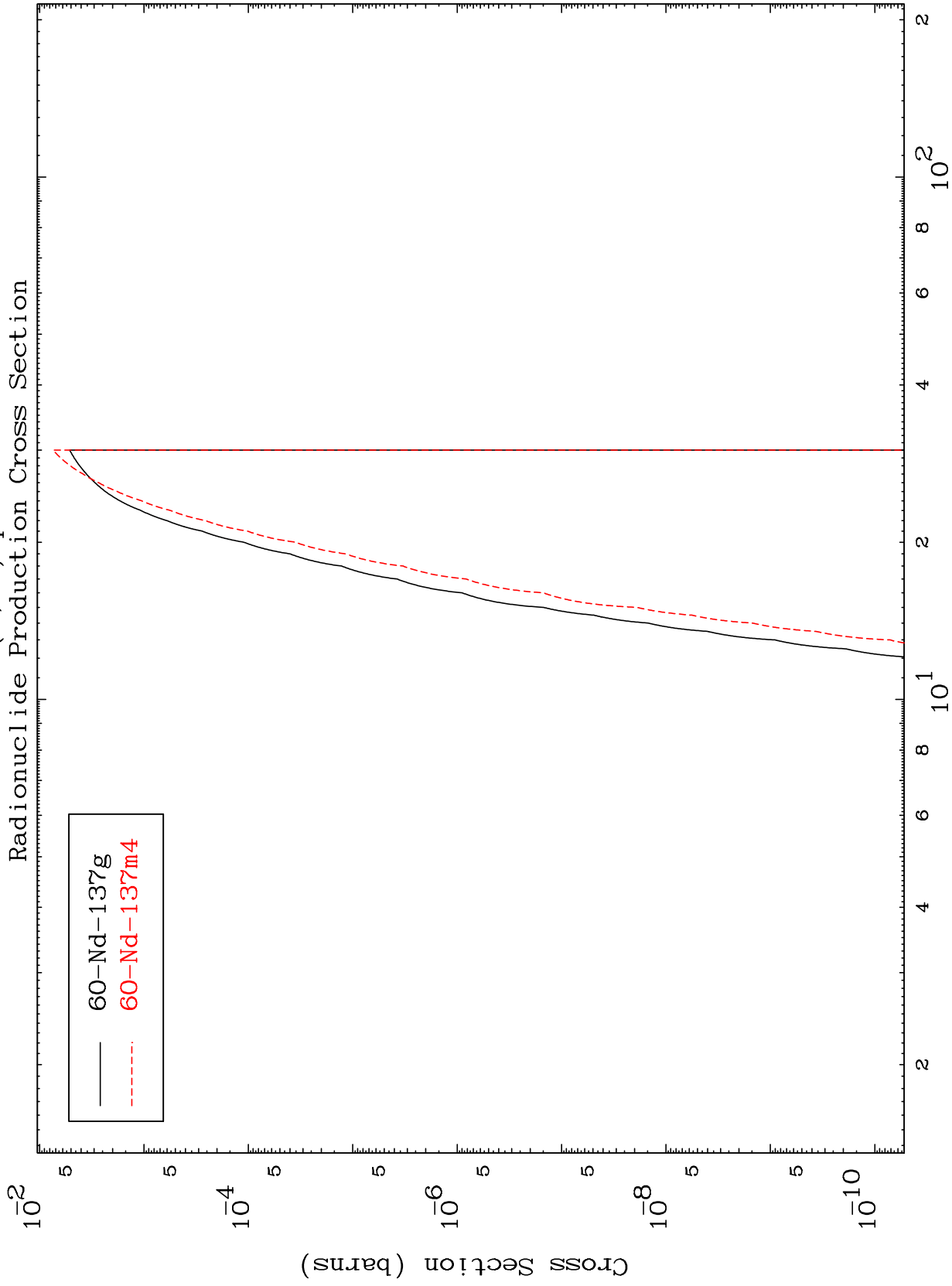


96

MAT 6298

63-Eu-142

(n,n') p α
Radionuclide Production Cross Section



97

Incident Energy (MeV)

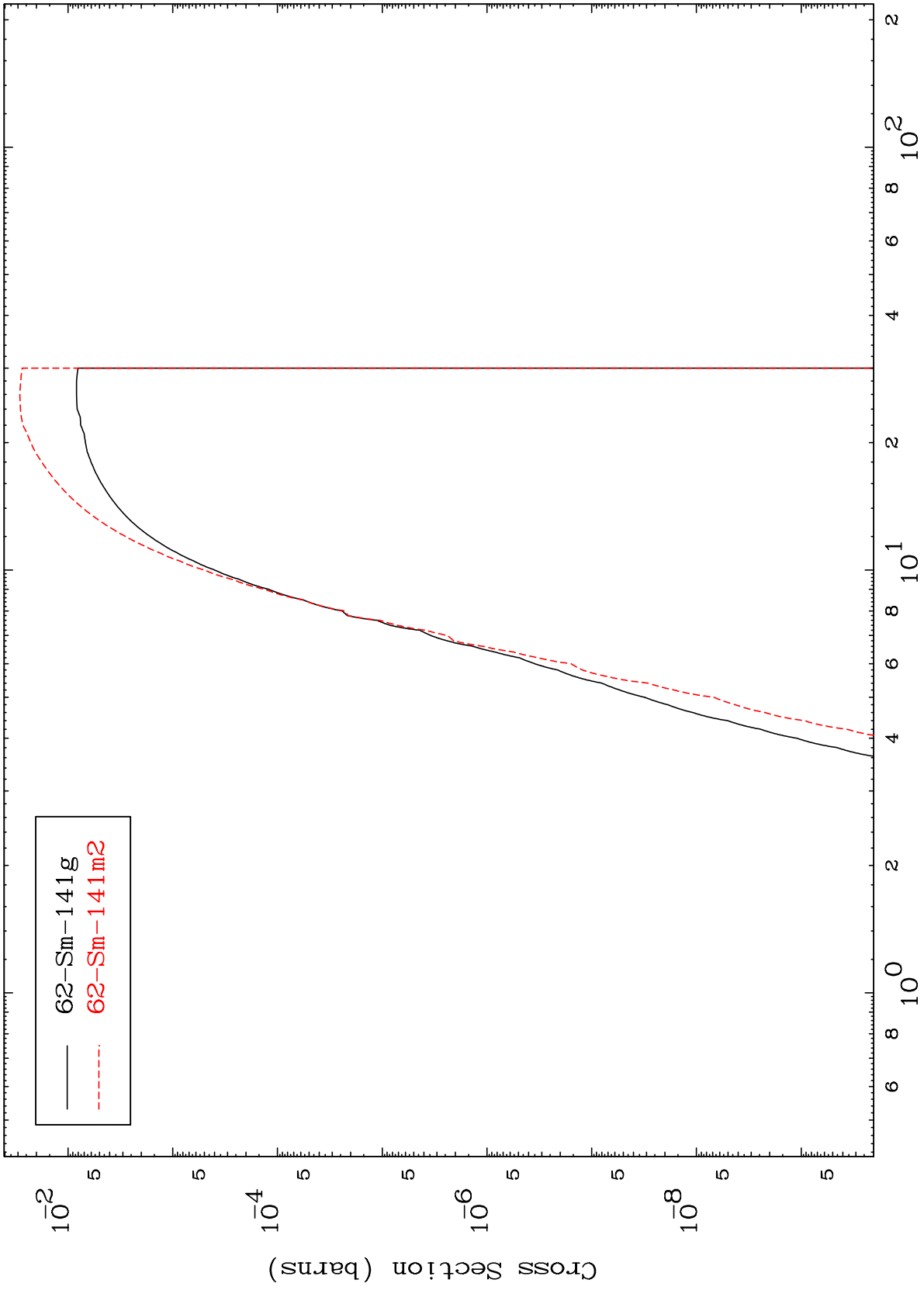
63-Eu-142

MAT 6298

(n,d)

63-Eu-142

Radionuclide Production Cross Section



62-Sm-141g
62-Sm-141m2

98

Incident Energy (MeV)

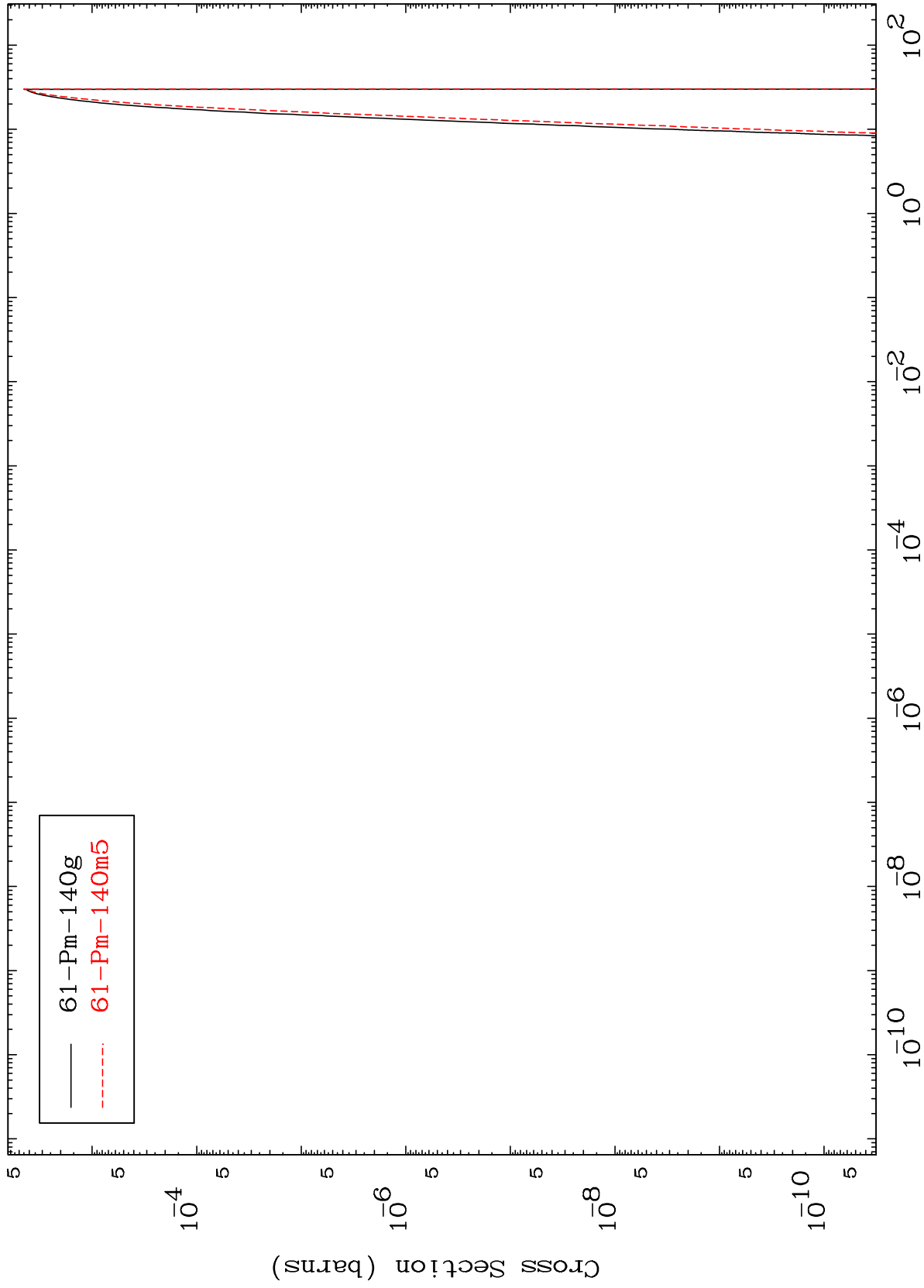
63-Eu-142

MAT 6298

(n,He-3)

63-Eu-142

Radionuclide Production Cross Section



99

Incident Energy (MeV)

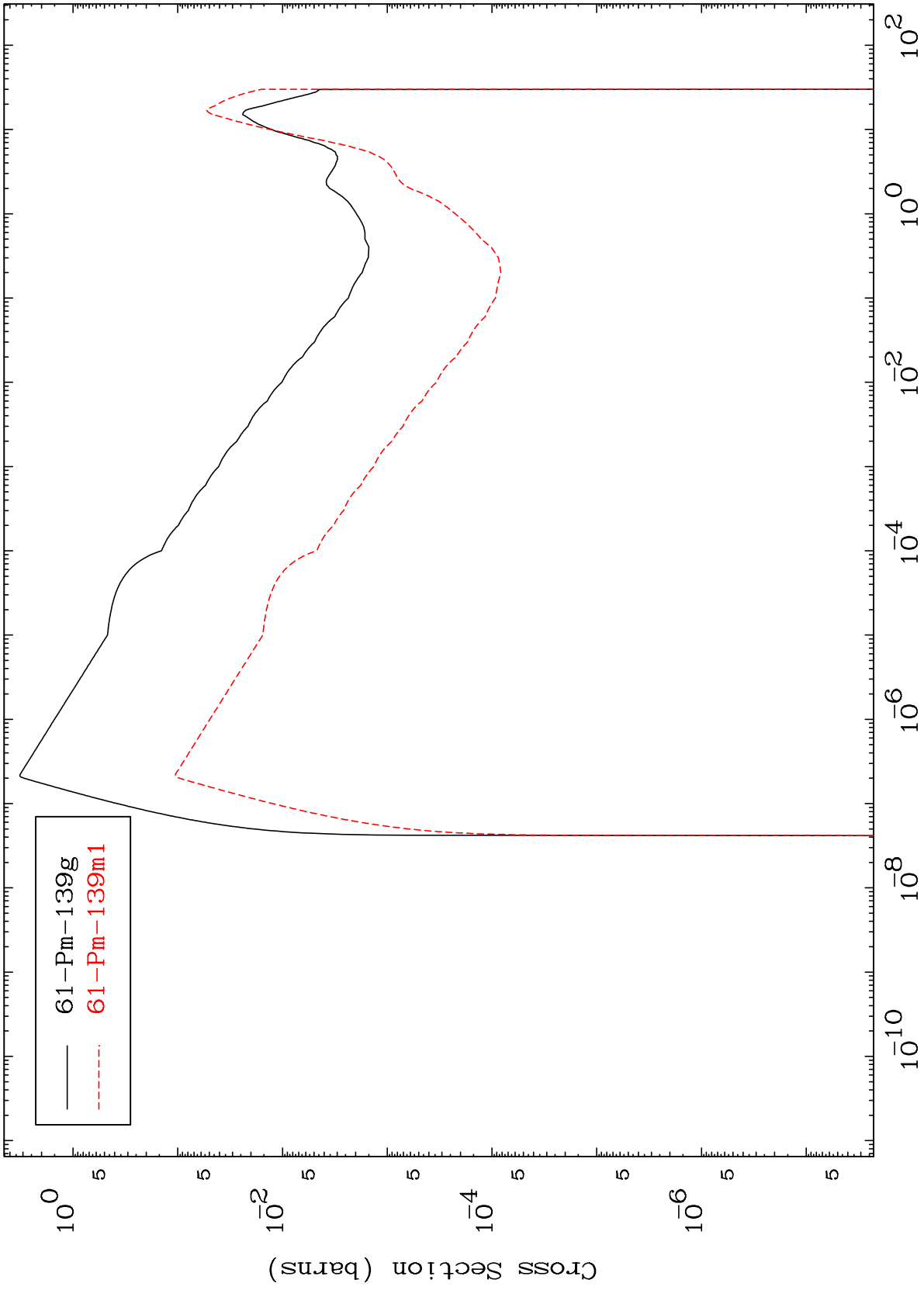
63-Eu-142

MAT 6298

(n, α)

63-Eu-142

Radionuclide Production Cross Section



100

Incident Energy (MeV)

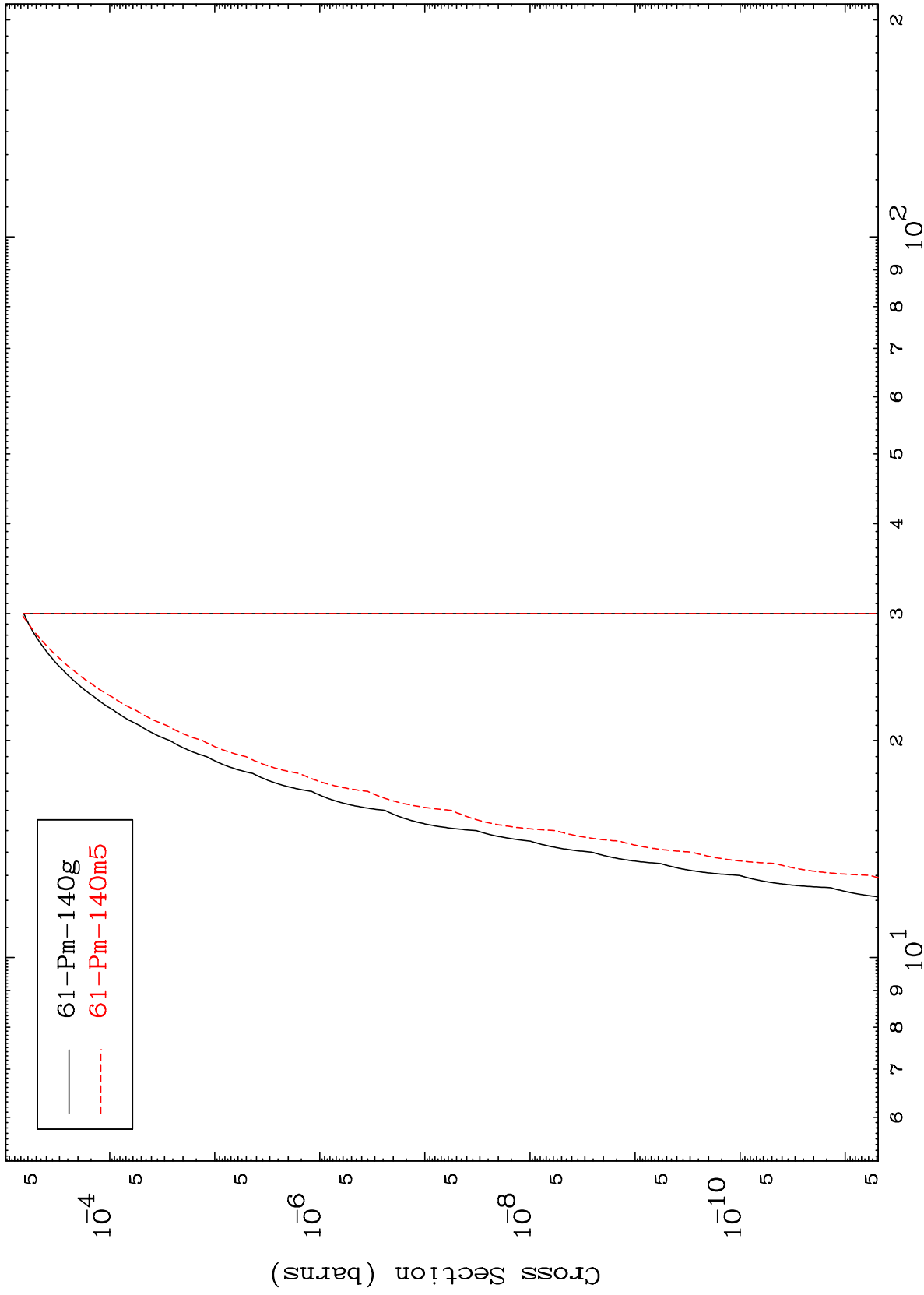
63-Eu-142

MAT 6298

(n,p) d

63-Eu-142

Radionuclide Production Cross Section



101

Incident Energy (MeV)

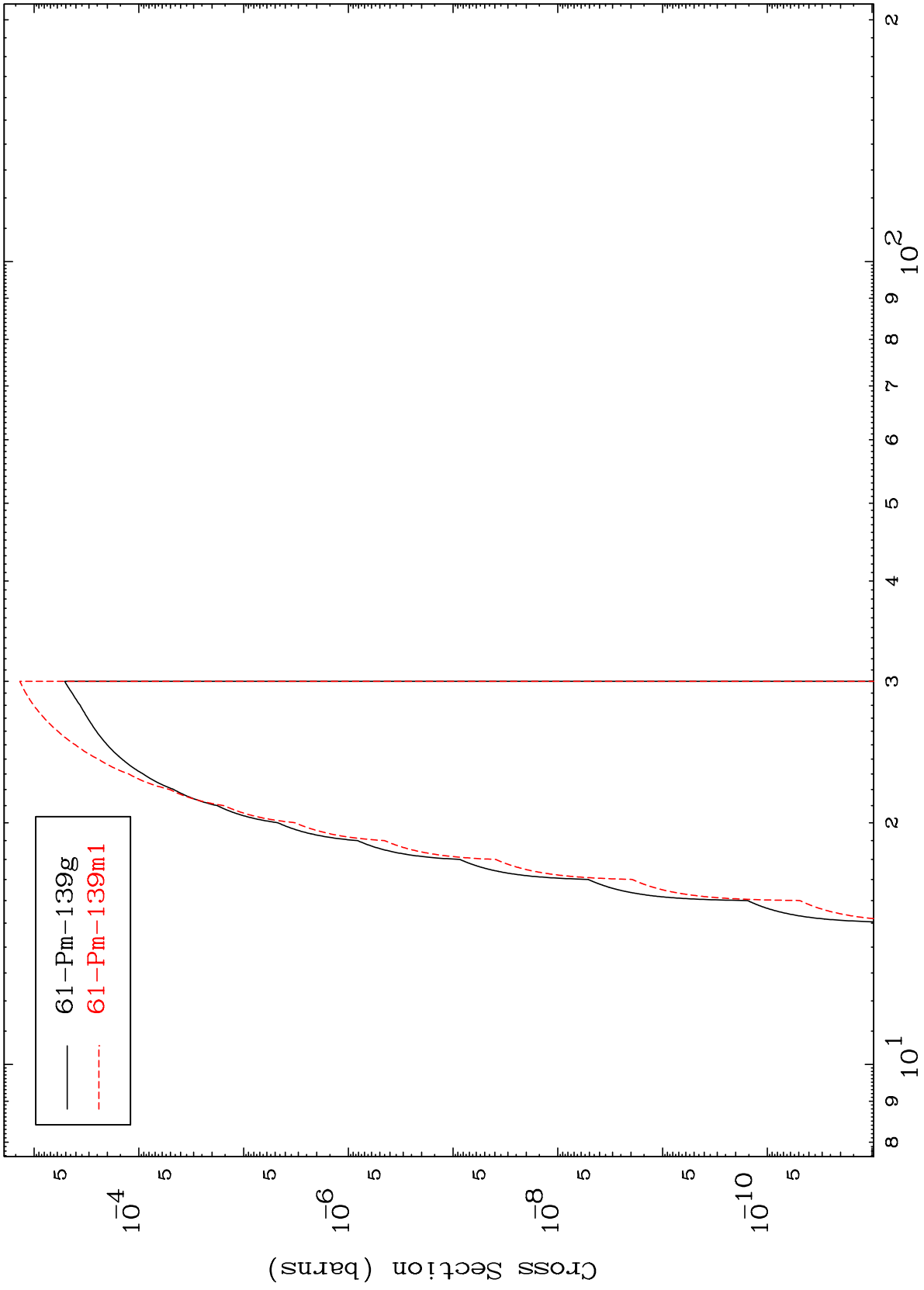
63-Eu-142

MAT 6298

(n,p) t

63-Eu-142

Radionuclide Production Cross Section



102

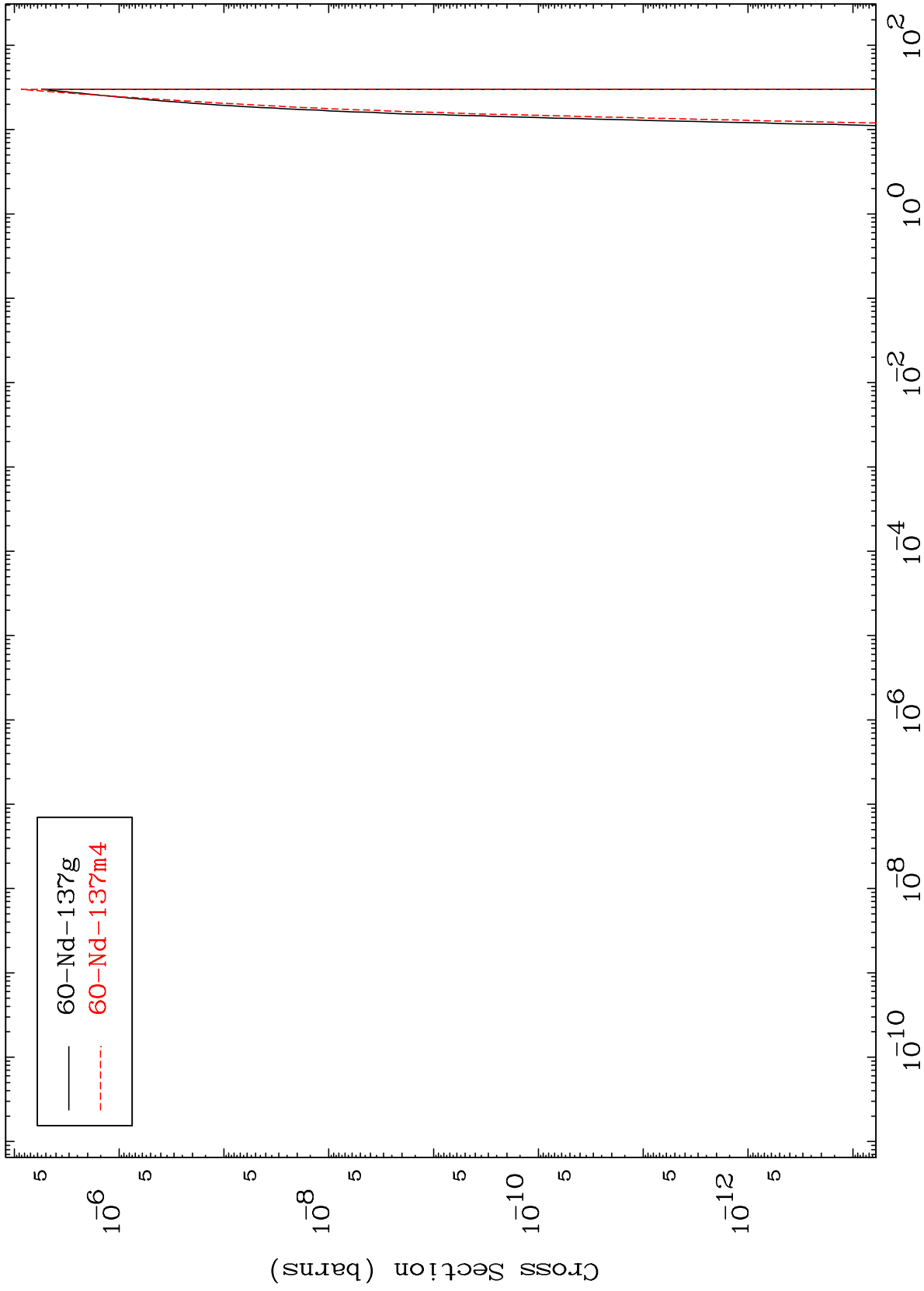
63-Eu-142

MAT 6298

(n,d) α

63-Eu-142

Radionuclide Production Cross Section



103

Incident Energy (MeV)

63-Eu-142