

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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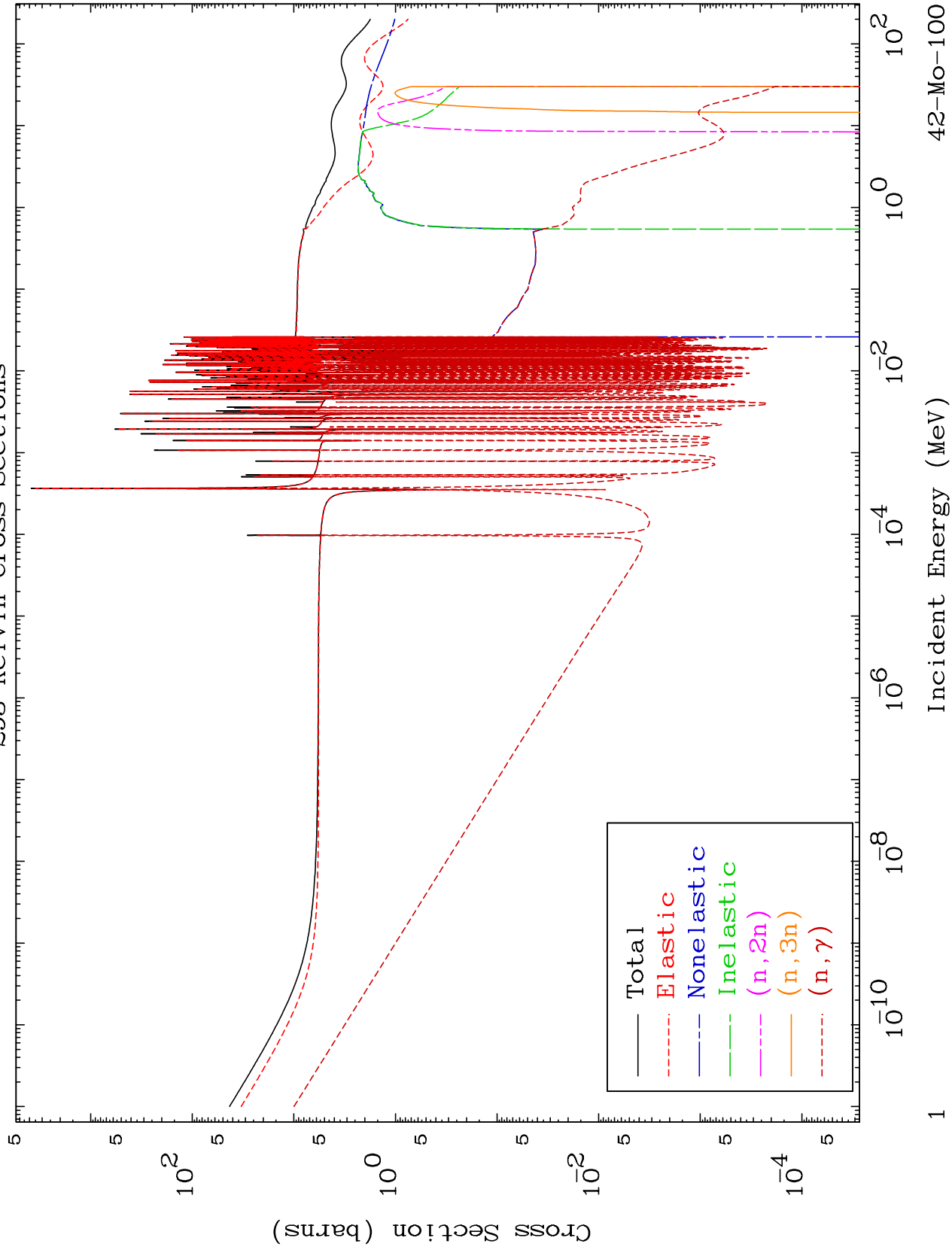
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4249

Neutron Major
293 Kelvin Cross Sections

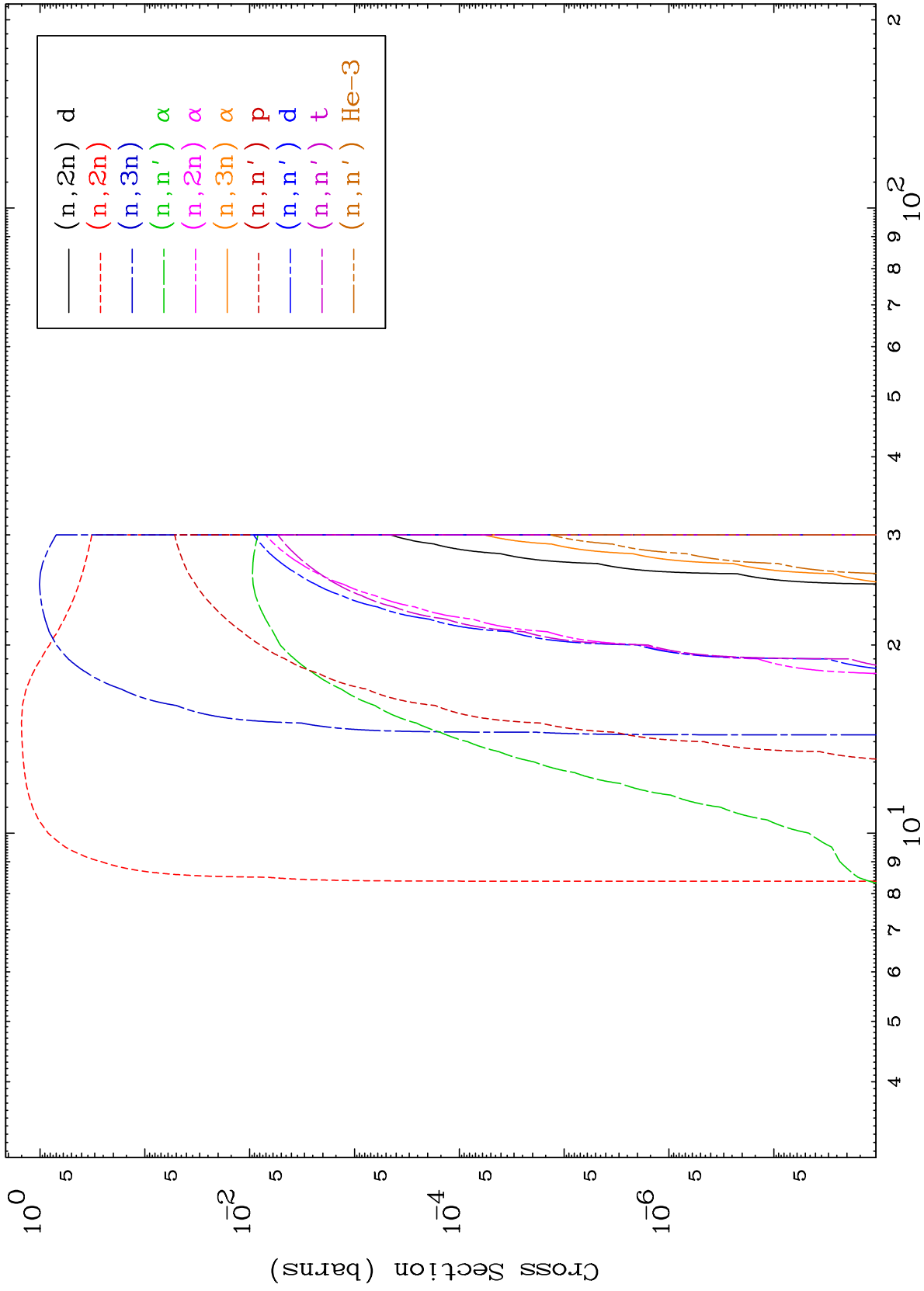
42-Mo-100



MAT 4249

Neutron Absorption
293 Kelvin Cross Sections

42-Mo-100



2

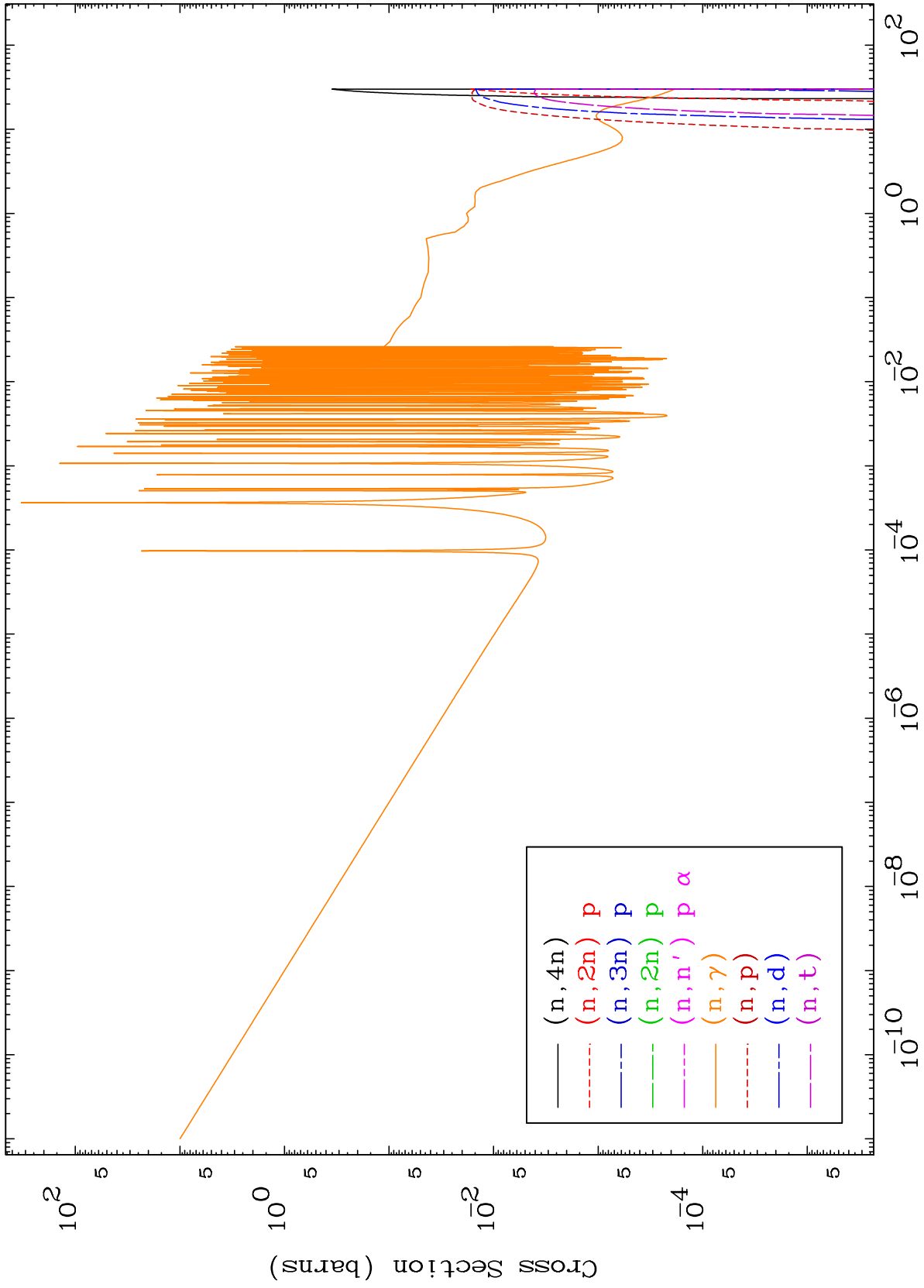
Incident Energy (MeV)

42-Mo-100

MAT 4249

Neutron Absorption
293 Kelvin Cross Sections

42-Mo-100

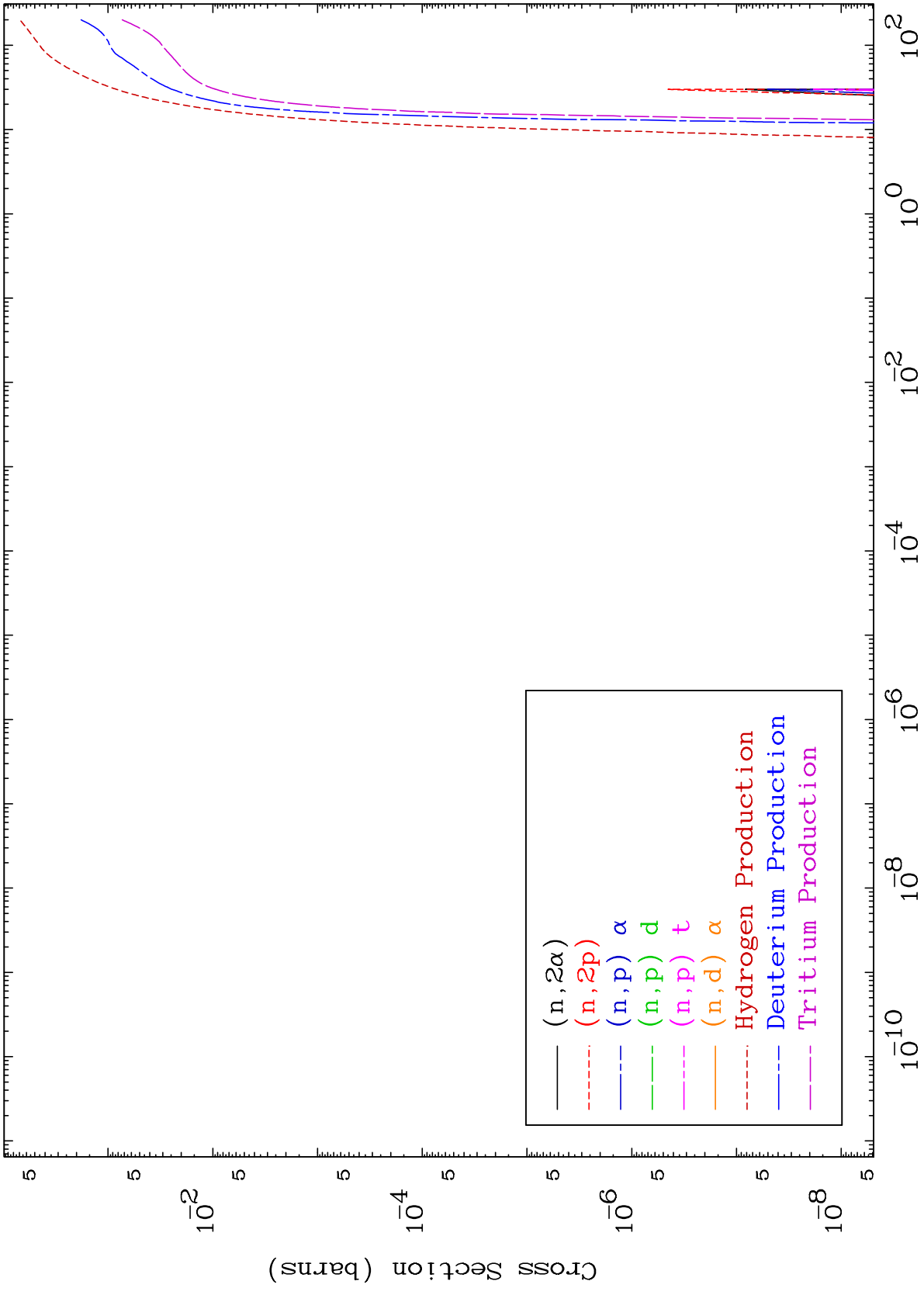


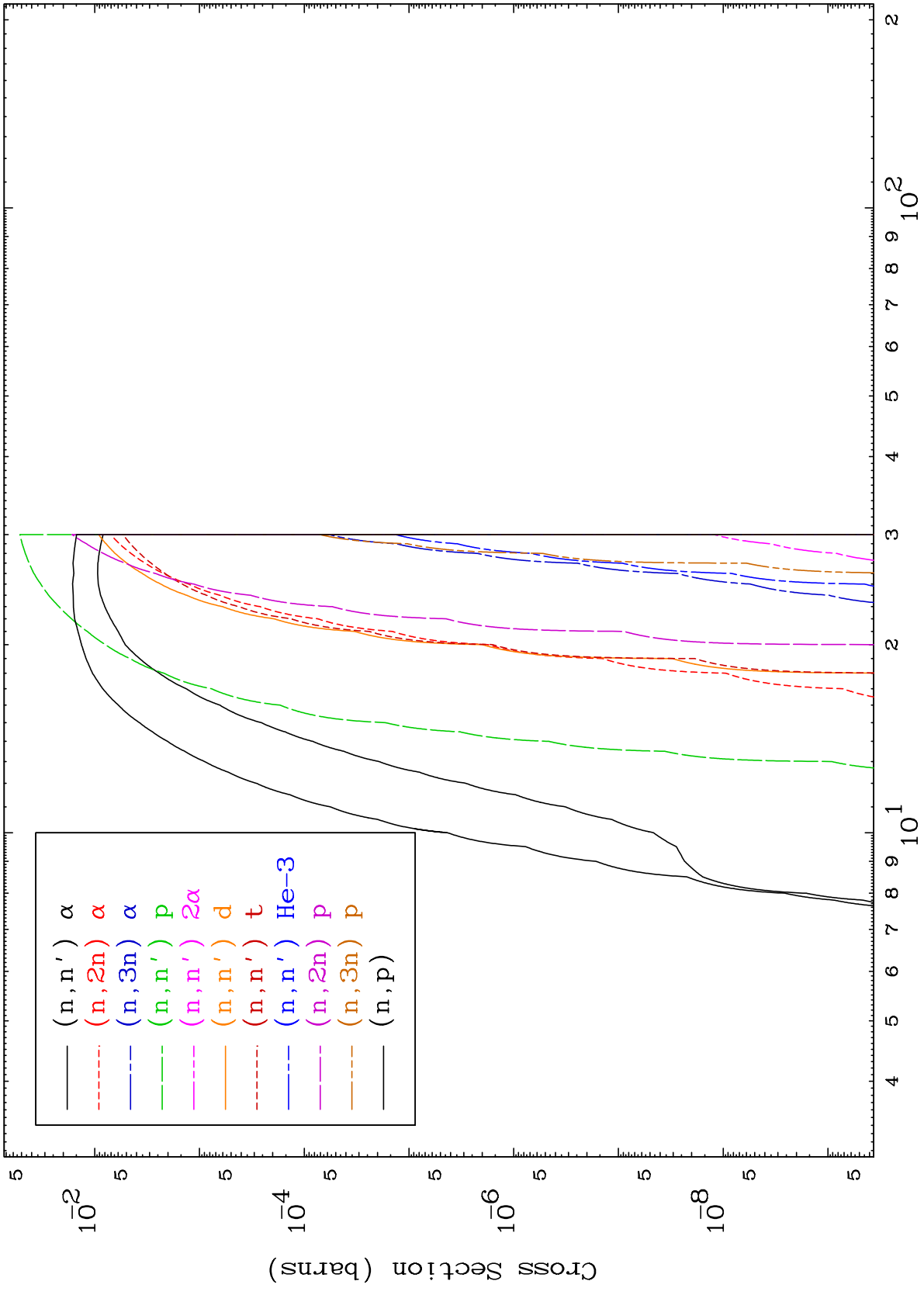
42-Mo-100

MAT 4249

Neutron Absorption
293 Kelvin Cross Sections

42-Mo-100

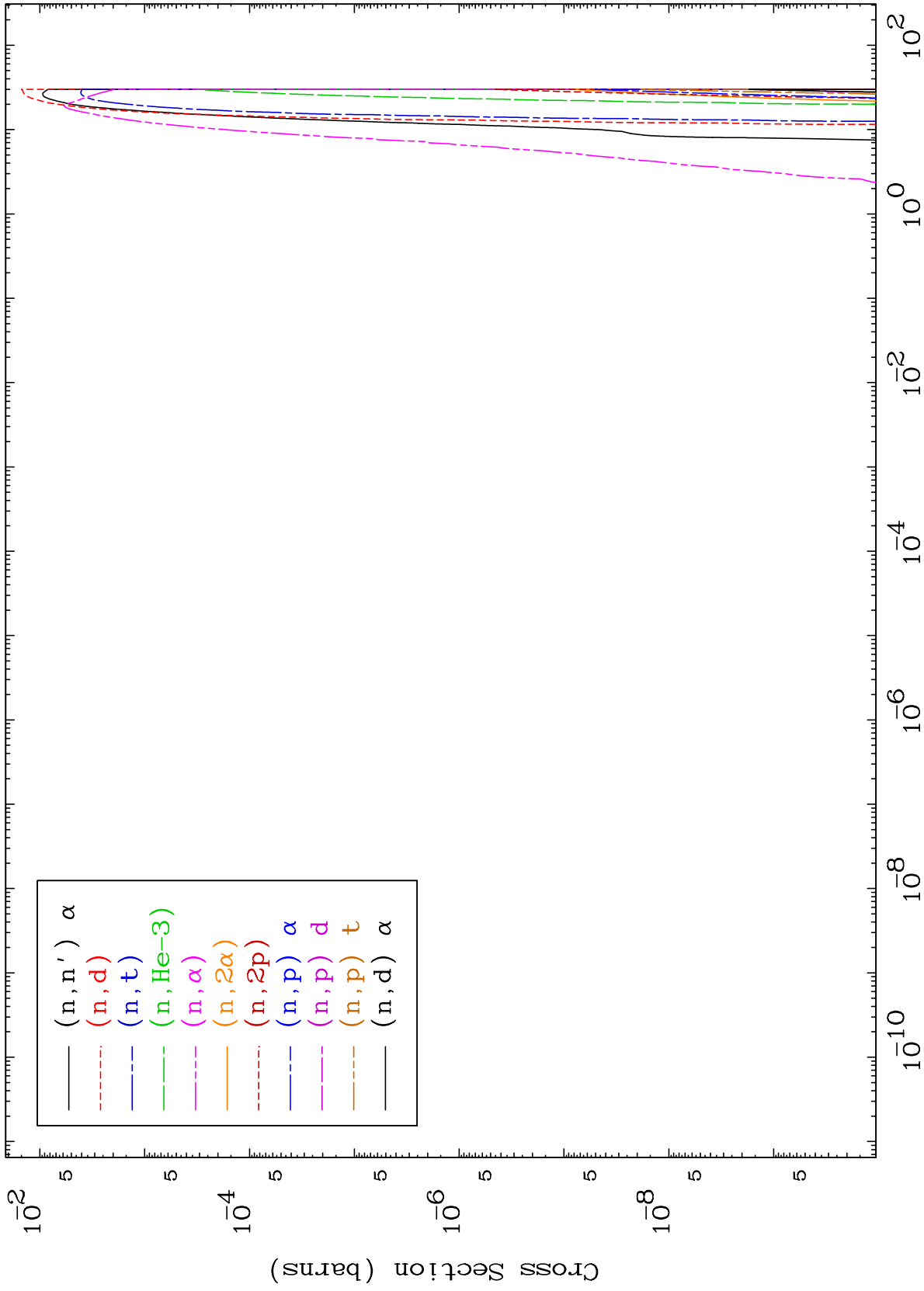




MAT 4249

293 Kelvin Cross Sections

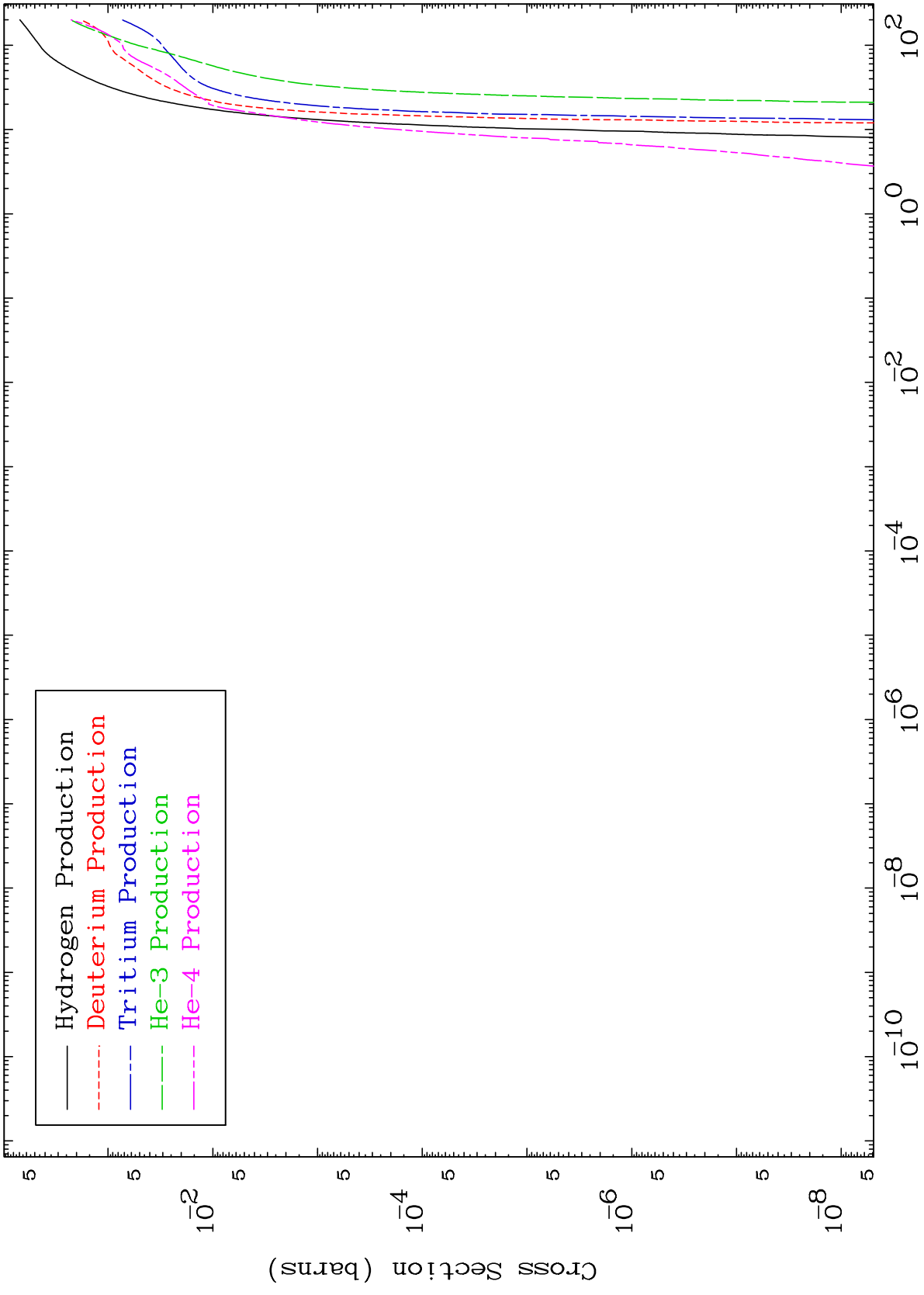
42-Mo-100



MAT 4249

Particle Production
293 Kelvin Cross Sections

42-Mo-100



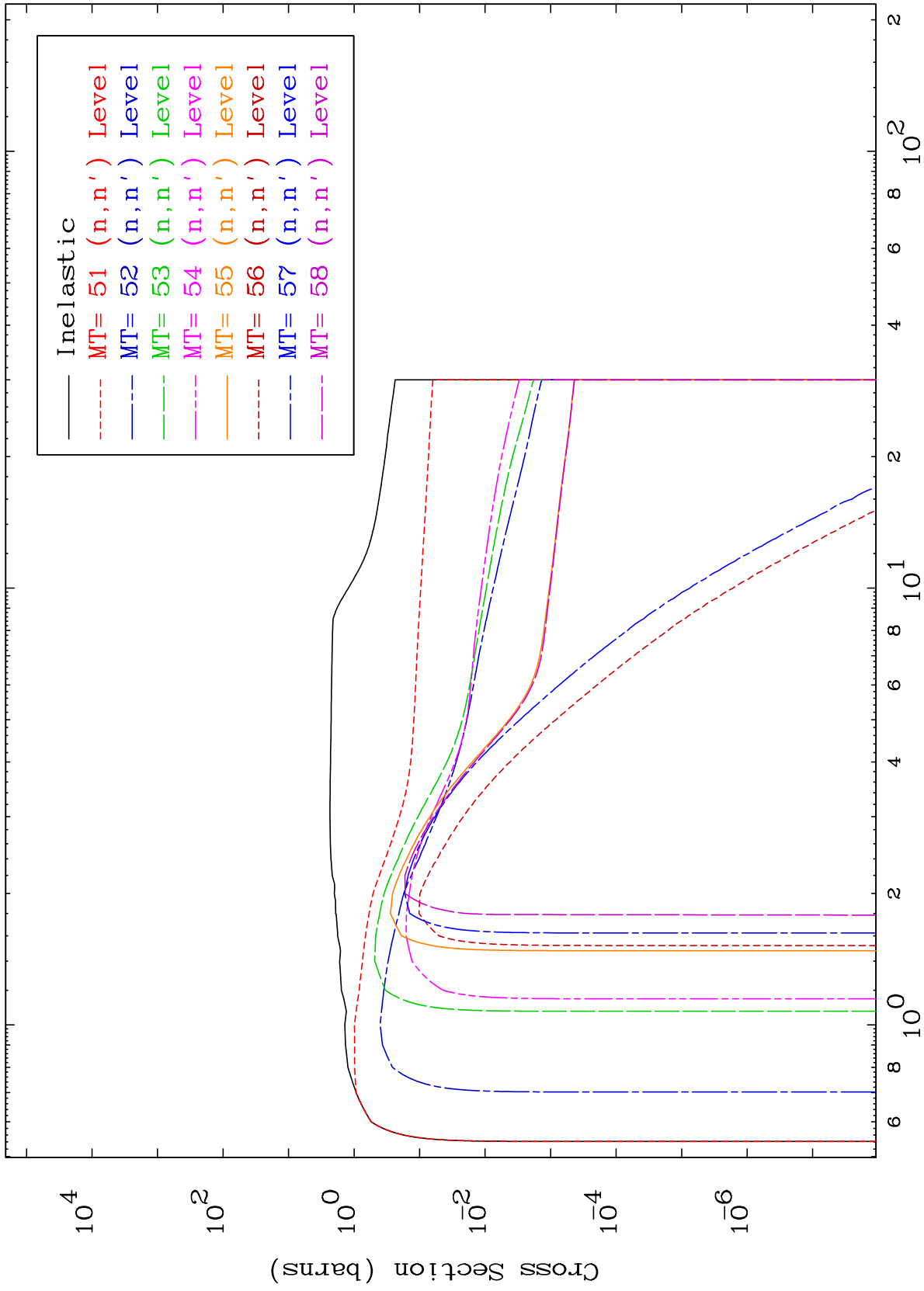
42-Mo-100

MAT 4249

(n,n') Levels

42-Mo-100

293 Kelvin Cross Sections



8

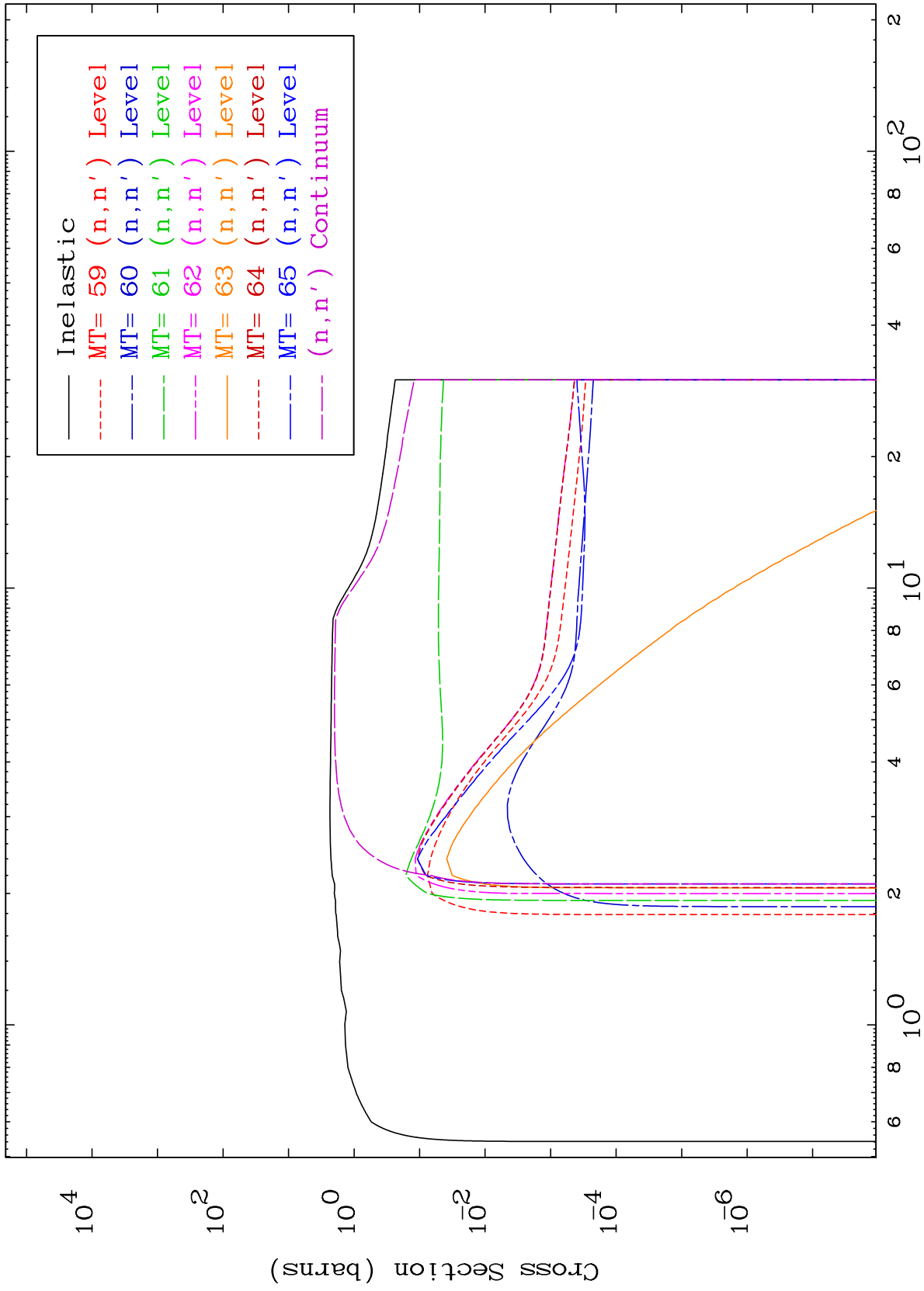
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,n') Levels
293 Kelvin Cross Sections

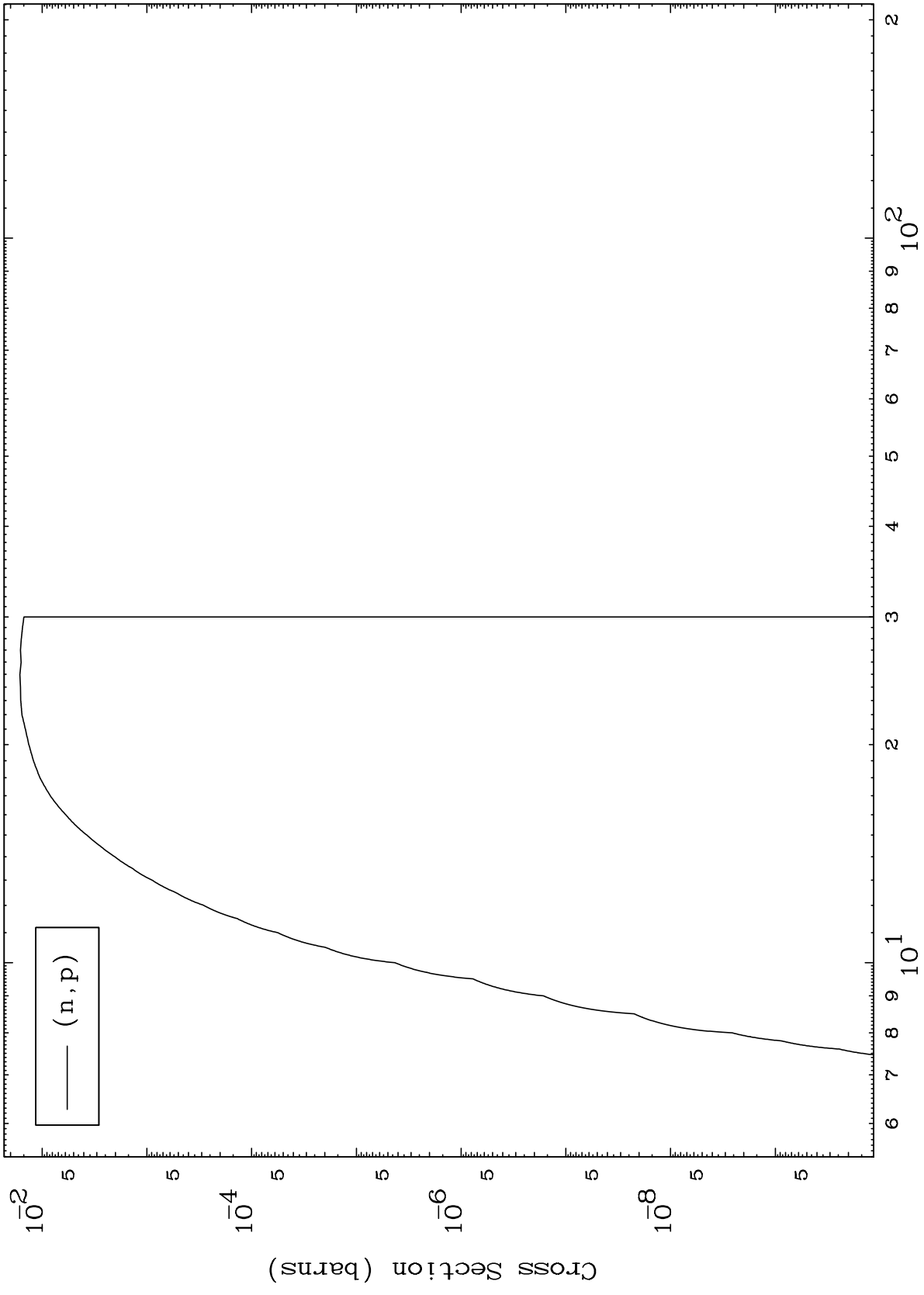
42-Mo-100



MAT 4249

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-100



10

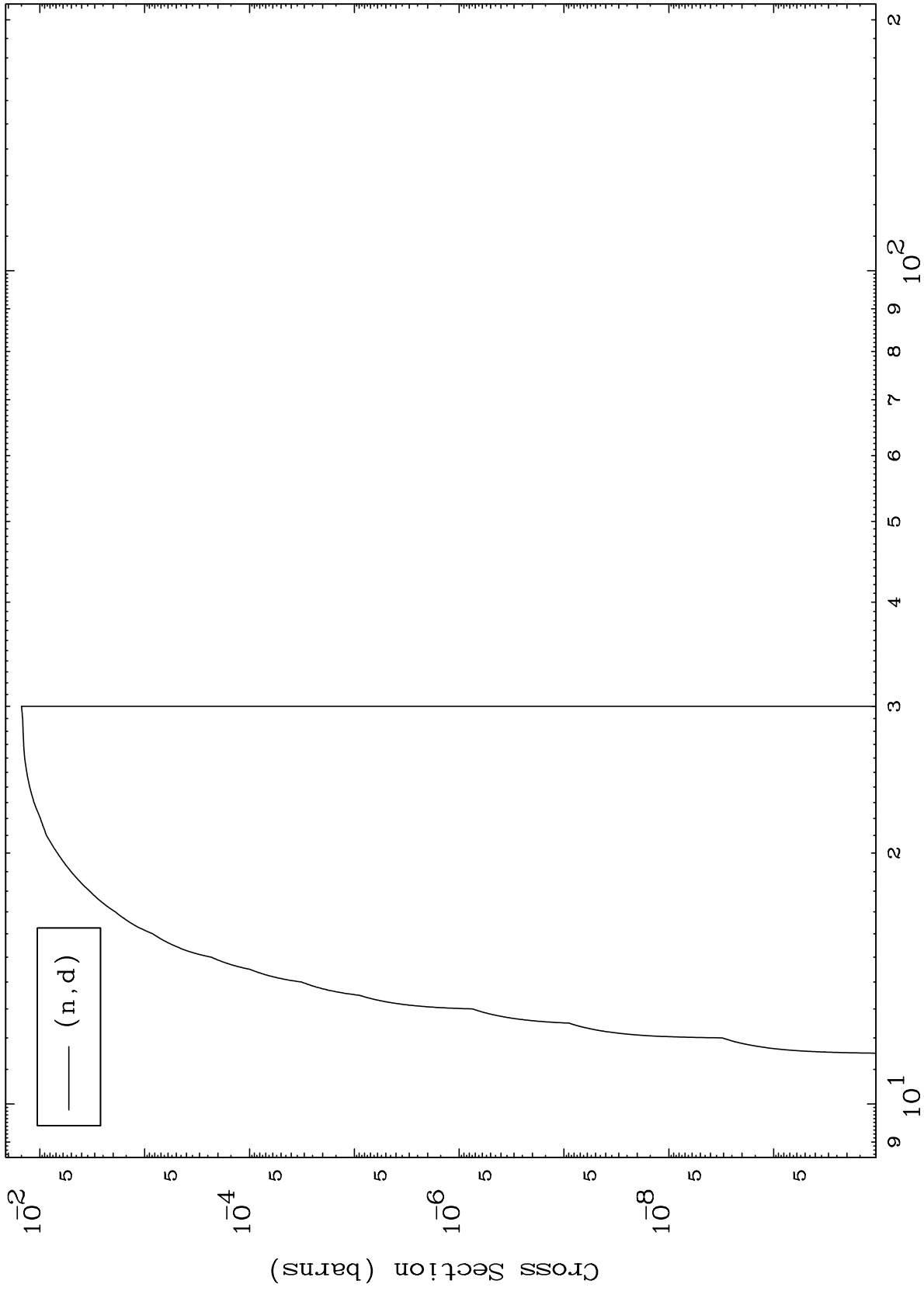
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-100



11

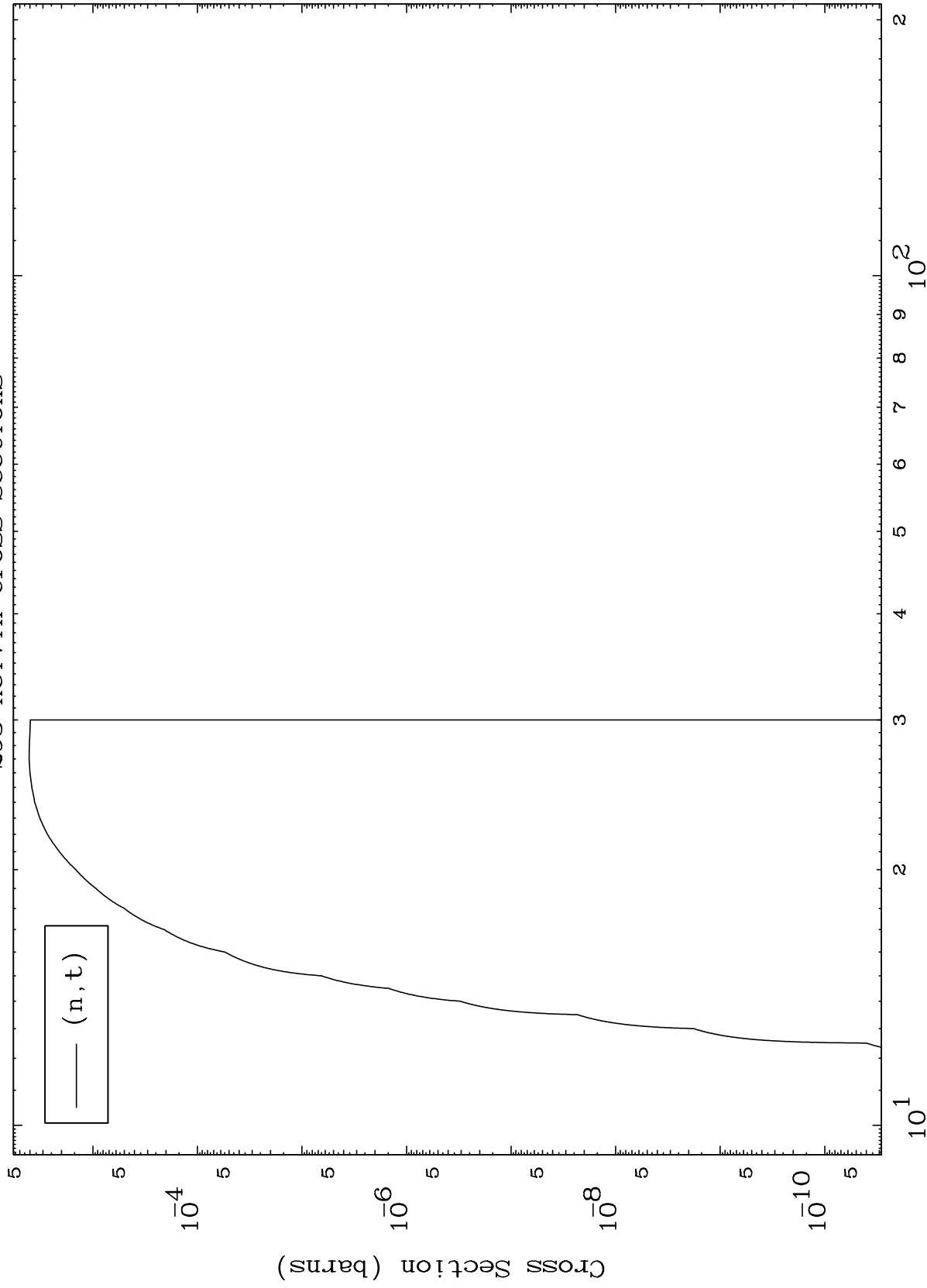
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-100



12

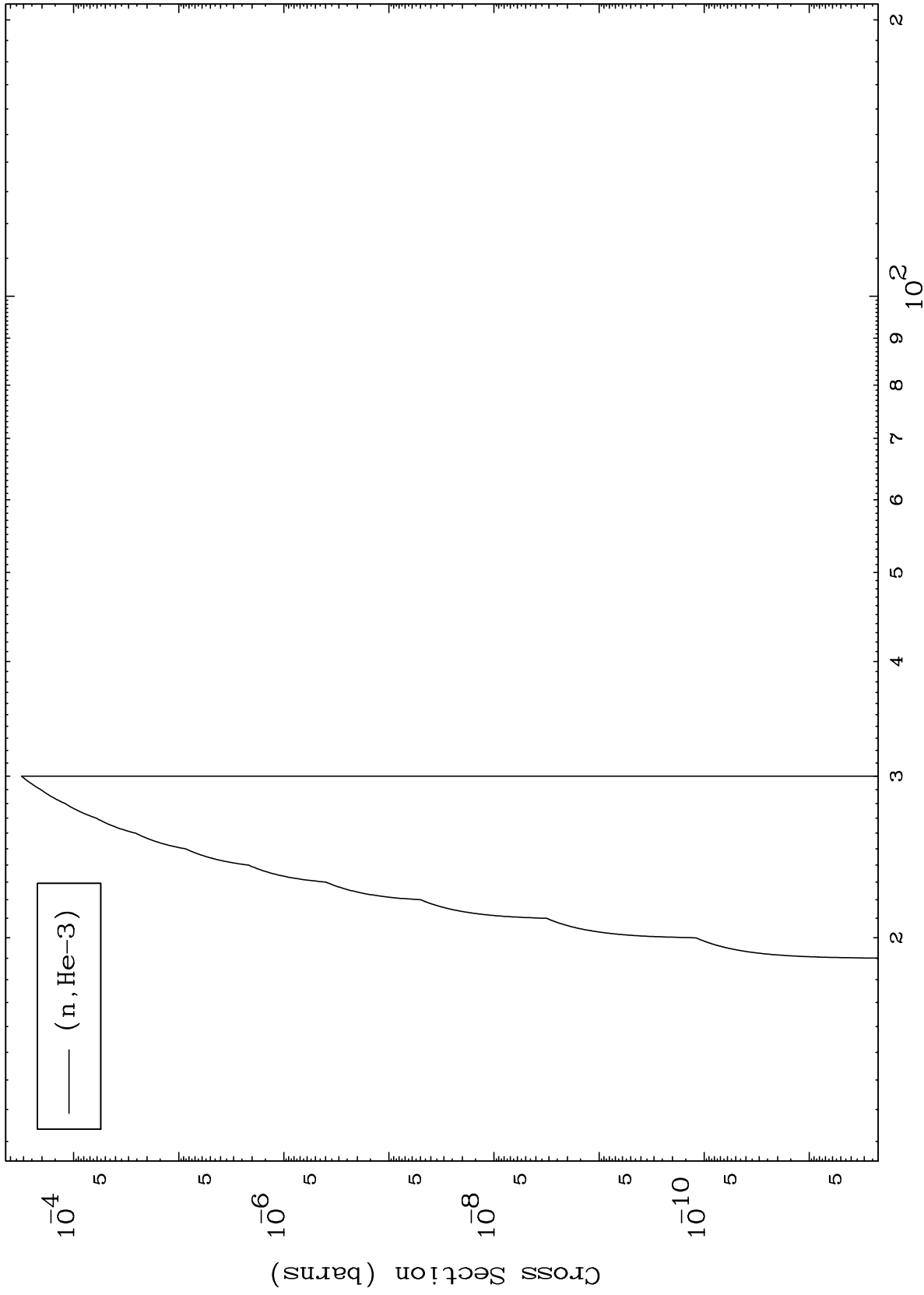
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,He3) Levels
293 Kelvin Cross Sections

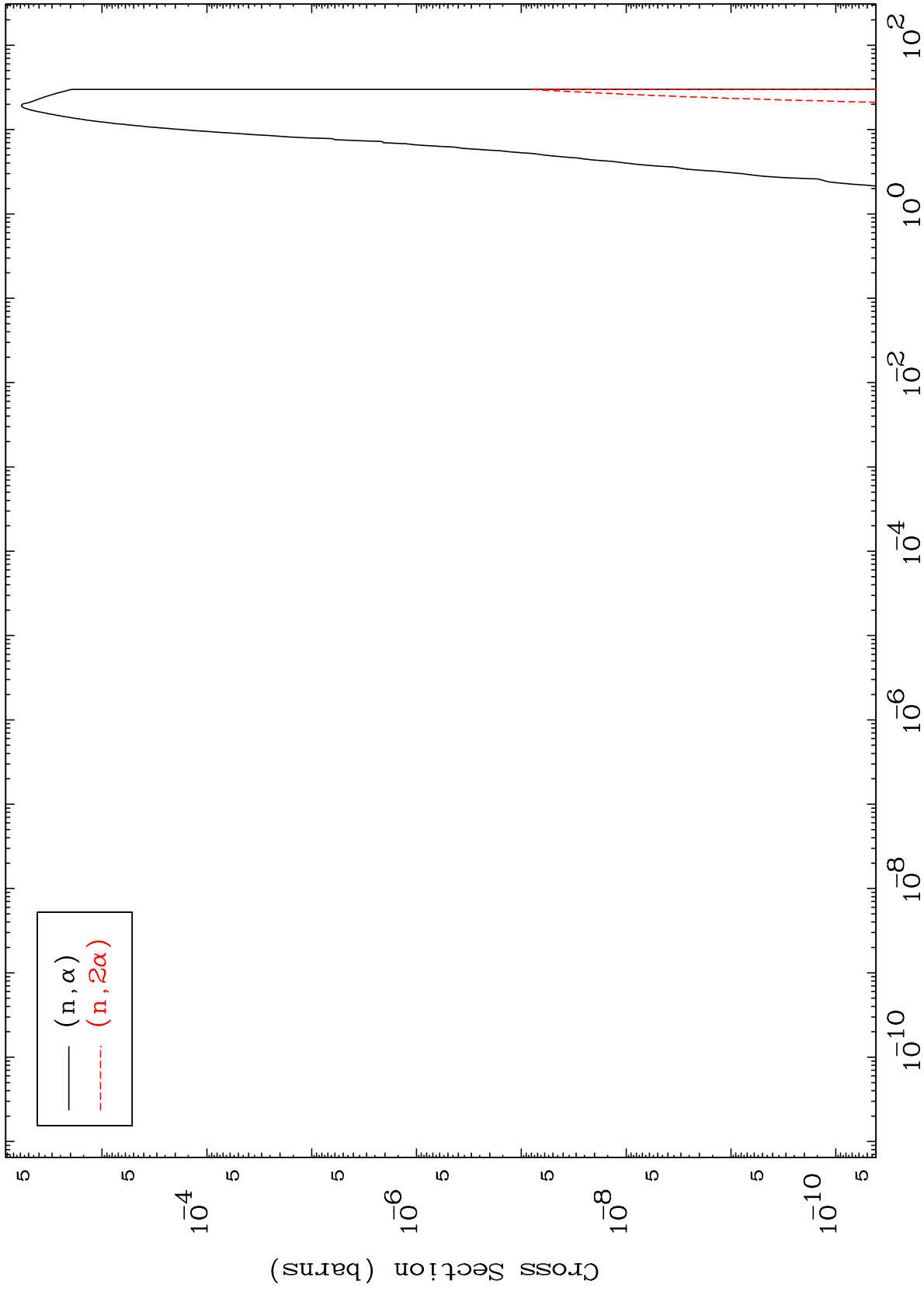
42-Mo-100



MAT 4249

(n,α) Levels
293 Kelvin Cross Sections

42-Mo-100



MAT 4249

Elastic Legendre Coefficients

42-Mo-100



15

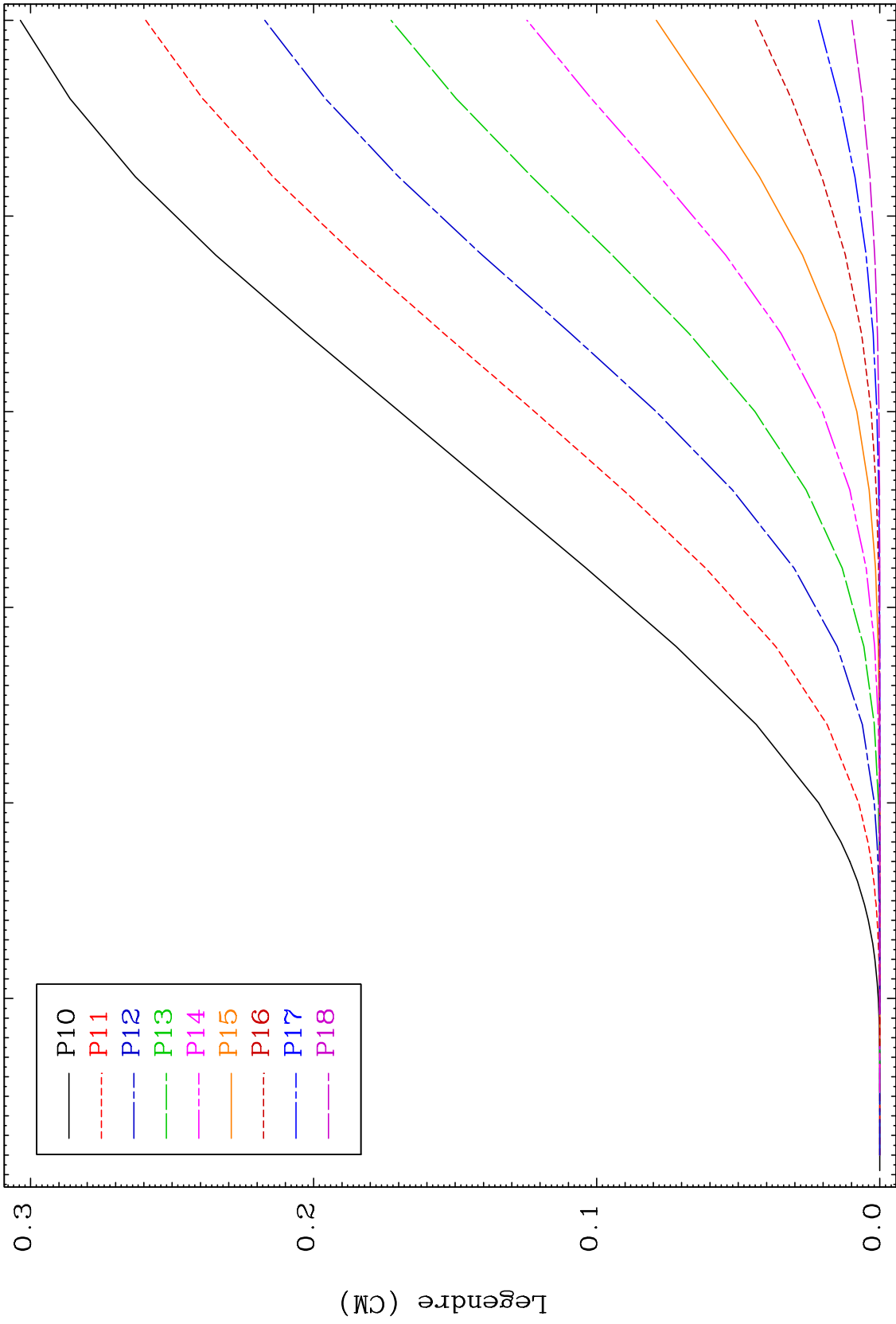
Incident Energy (MeV)

42-Mo-100

MAT 4249

Elastic Legendre Coefficients

42-Mo-100



16

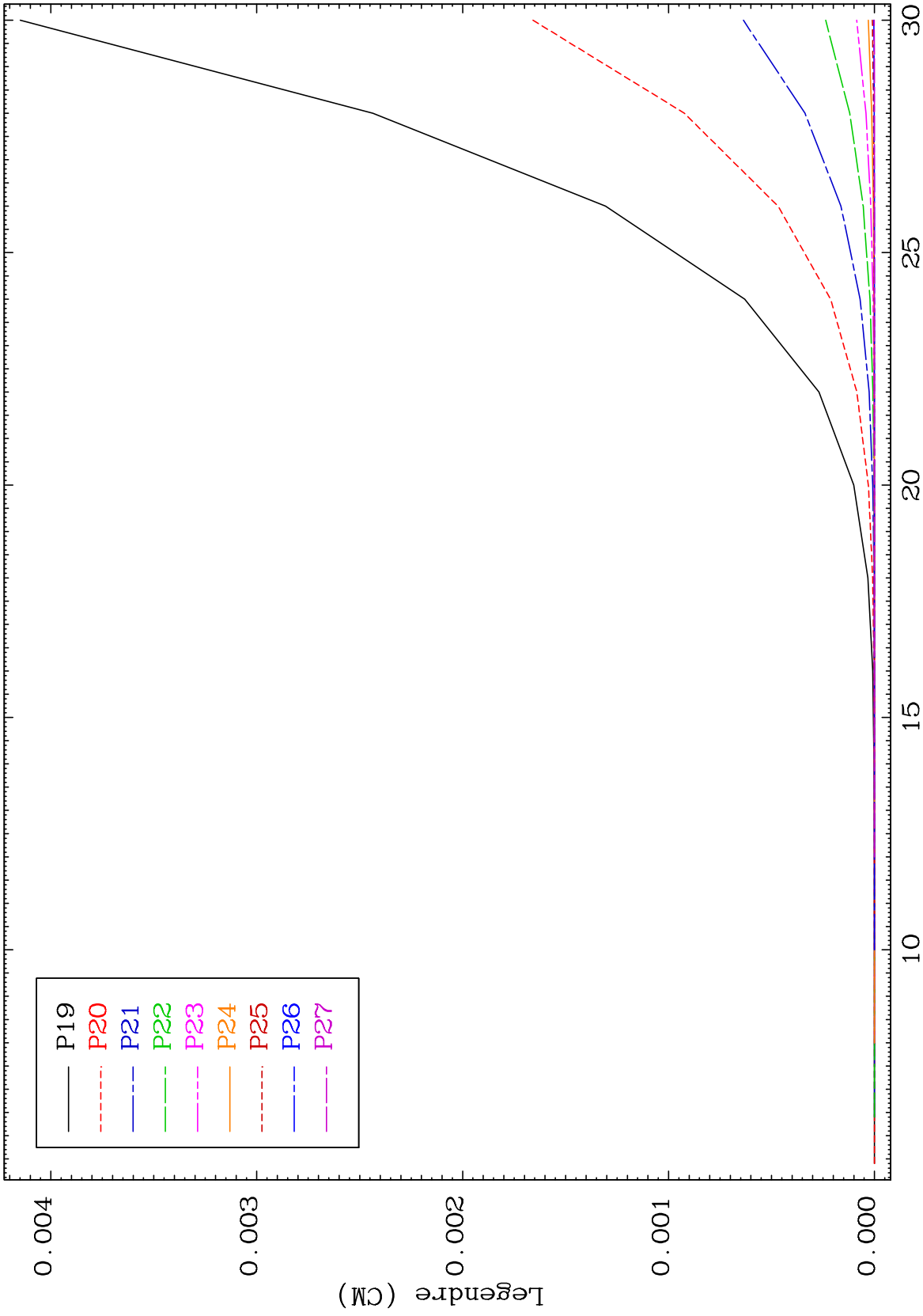
Incident Energy (MeV)

42-Mo-100

MAT 4249

Elastic Legendre Coefficients

42-Mo-100



17

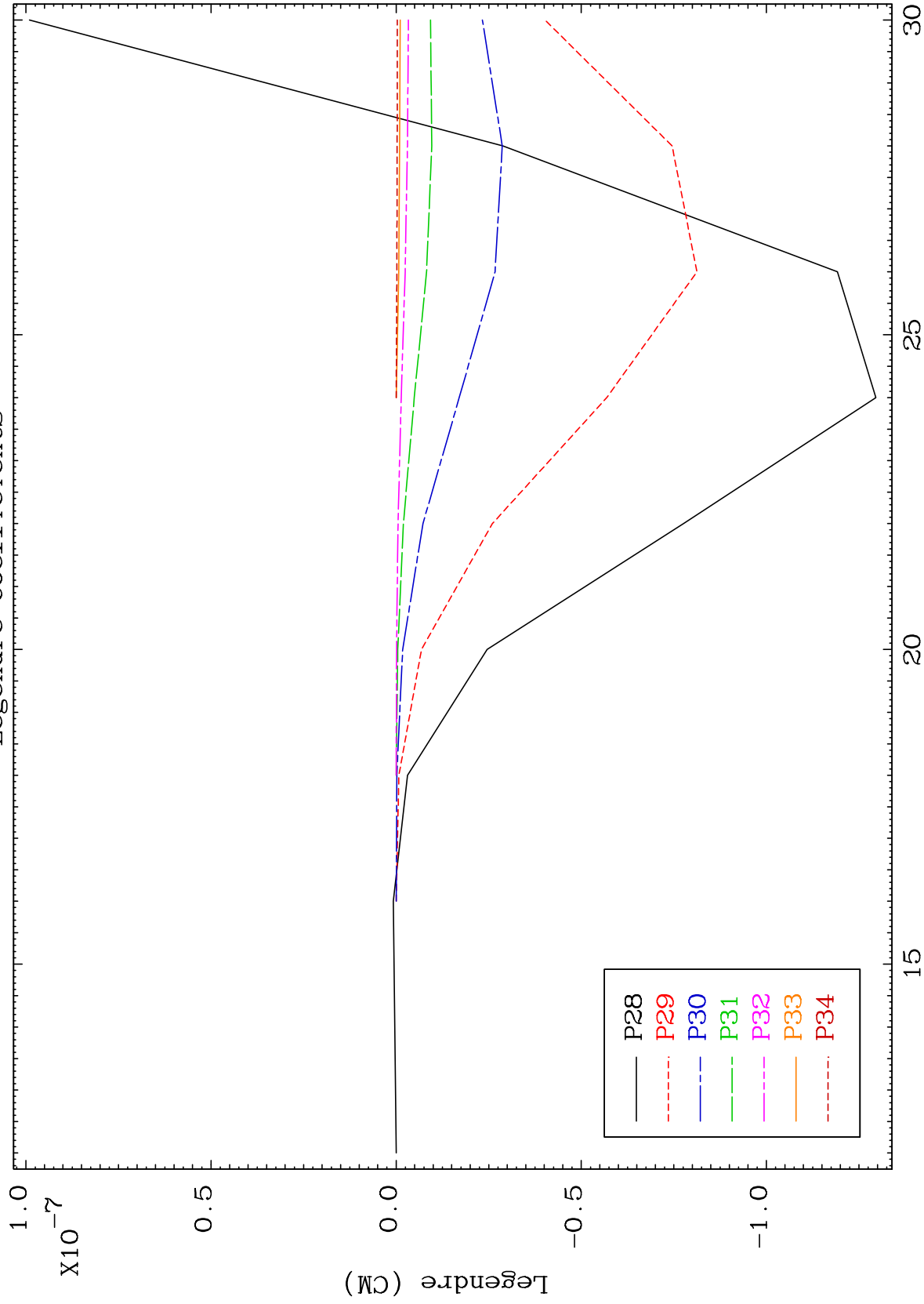
Incident Energy (MeV)

42-Mo-100

MAT 4249

Elastic
Legendre Coefficients

42-Mo-100



18

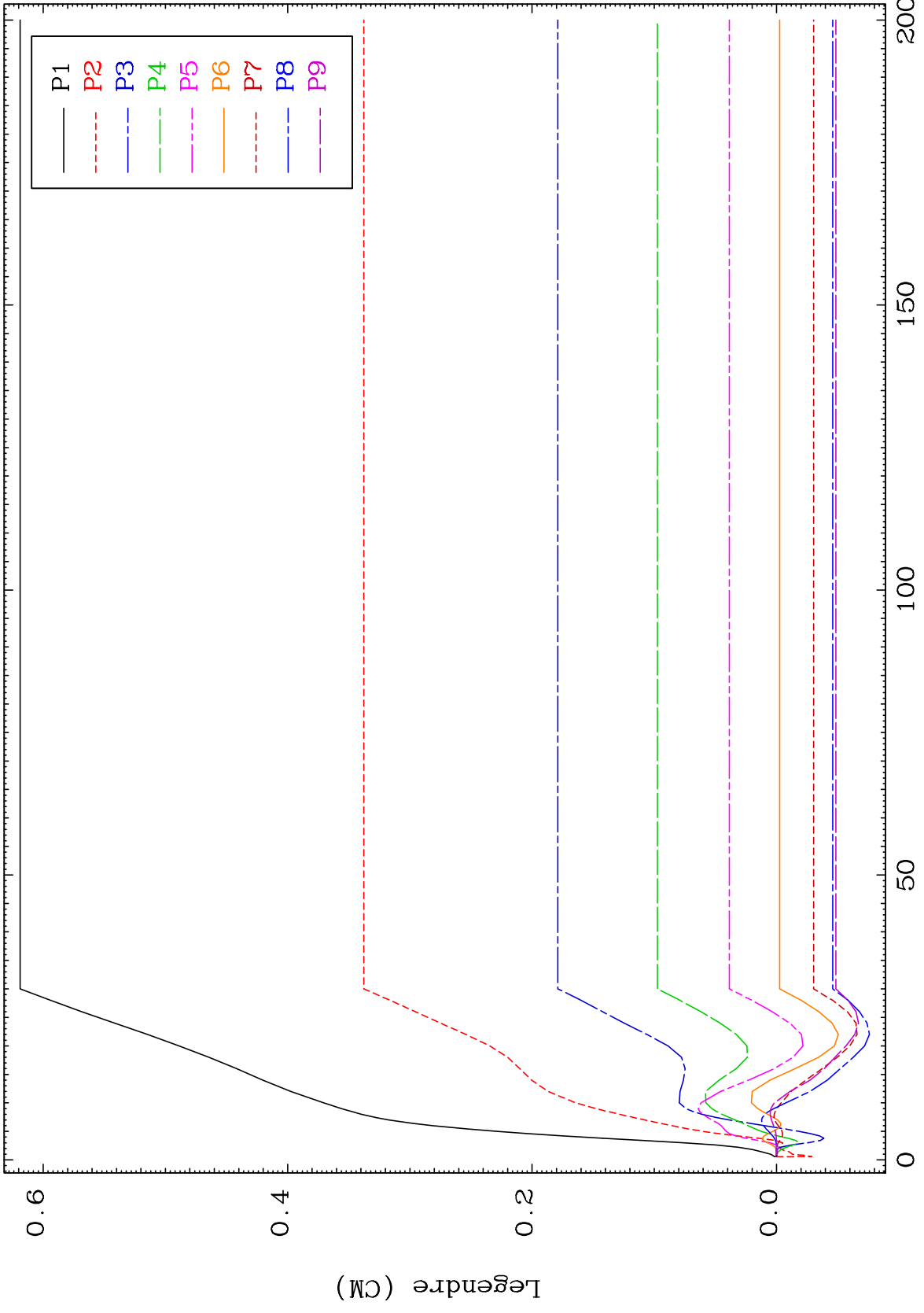
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



19

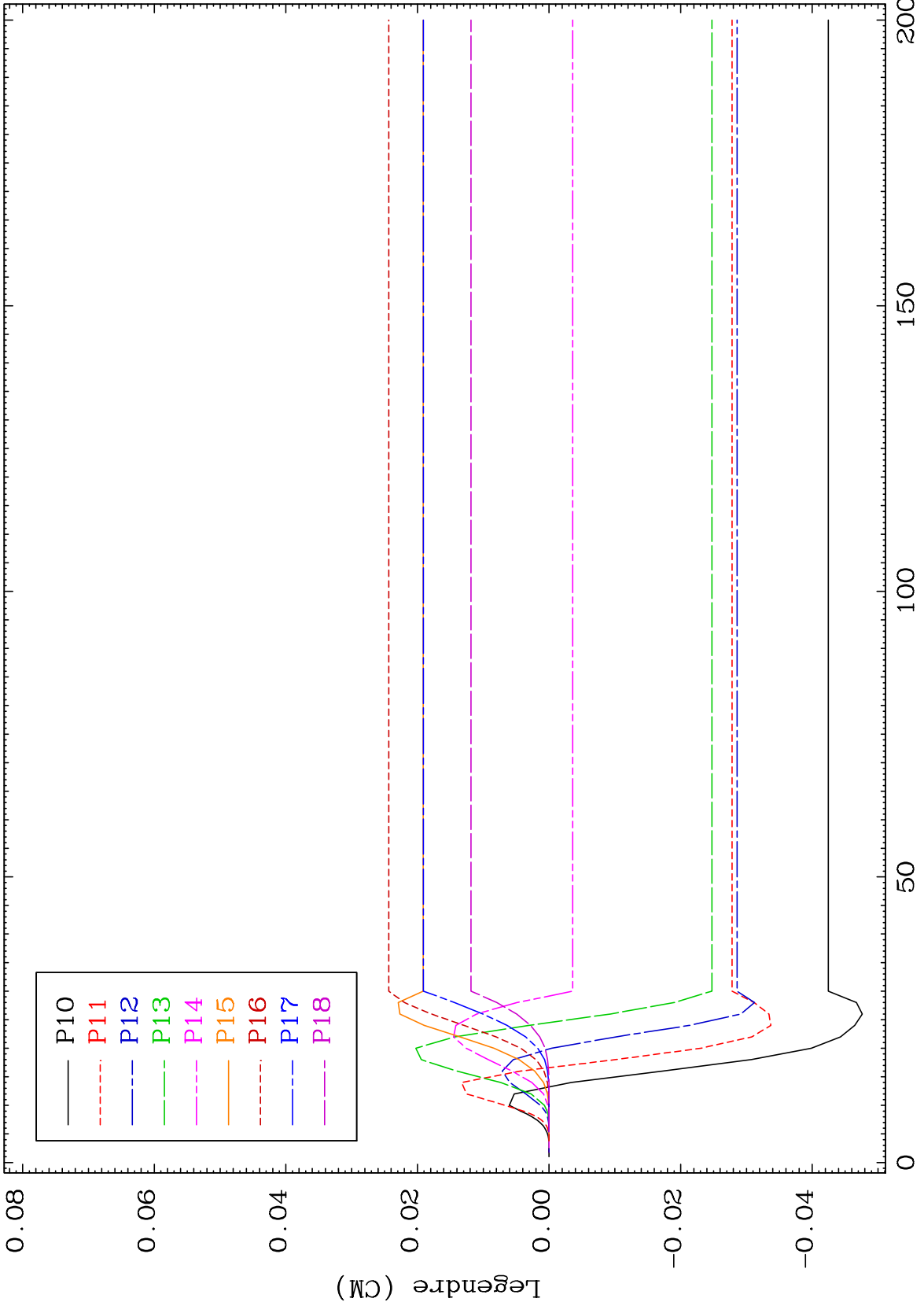
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



0

50

100

150

200

42-Mo-100

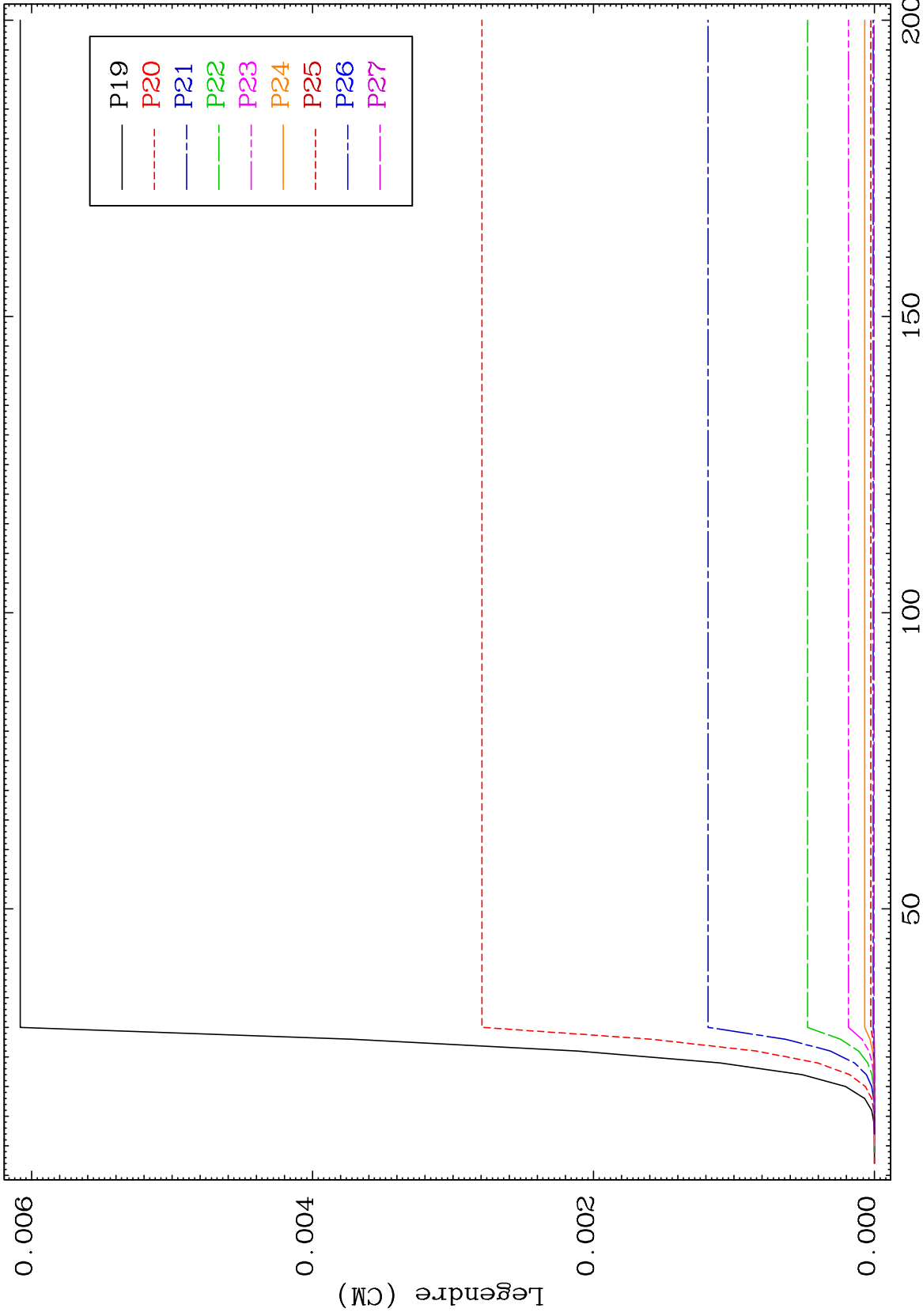
Incident Energy (MeV)

Legendre (CM)

MAT 4249

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

42-Mo-100



21

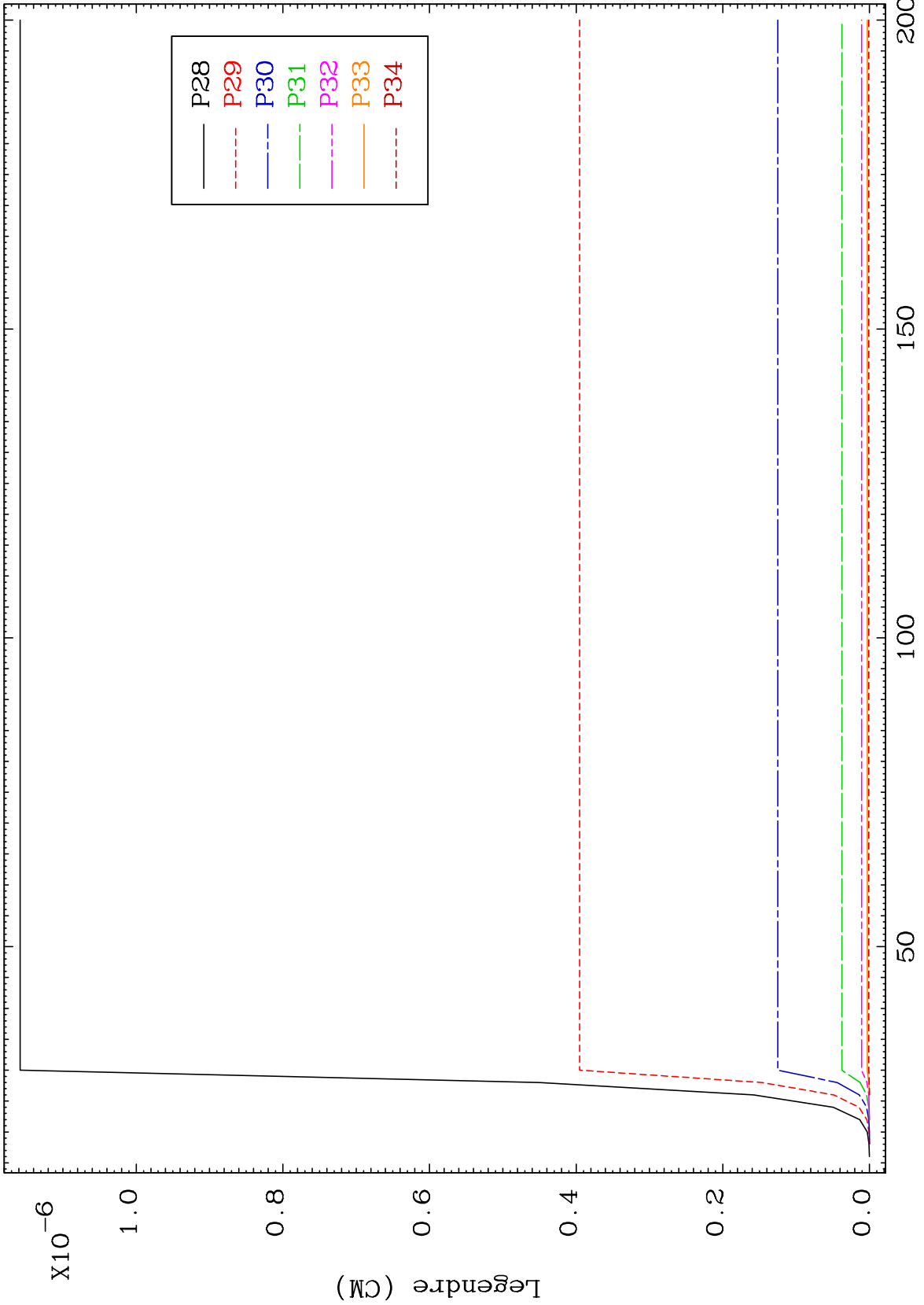
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



22

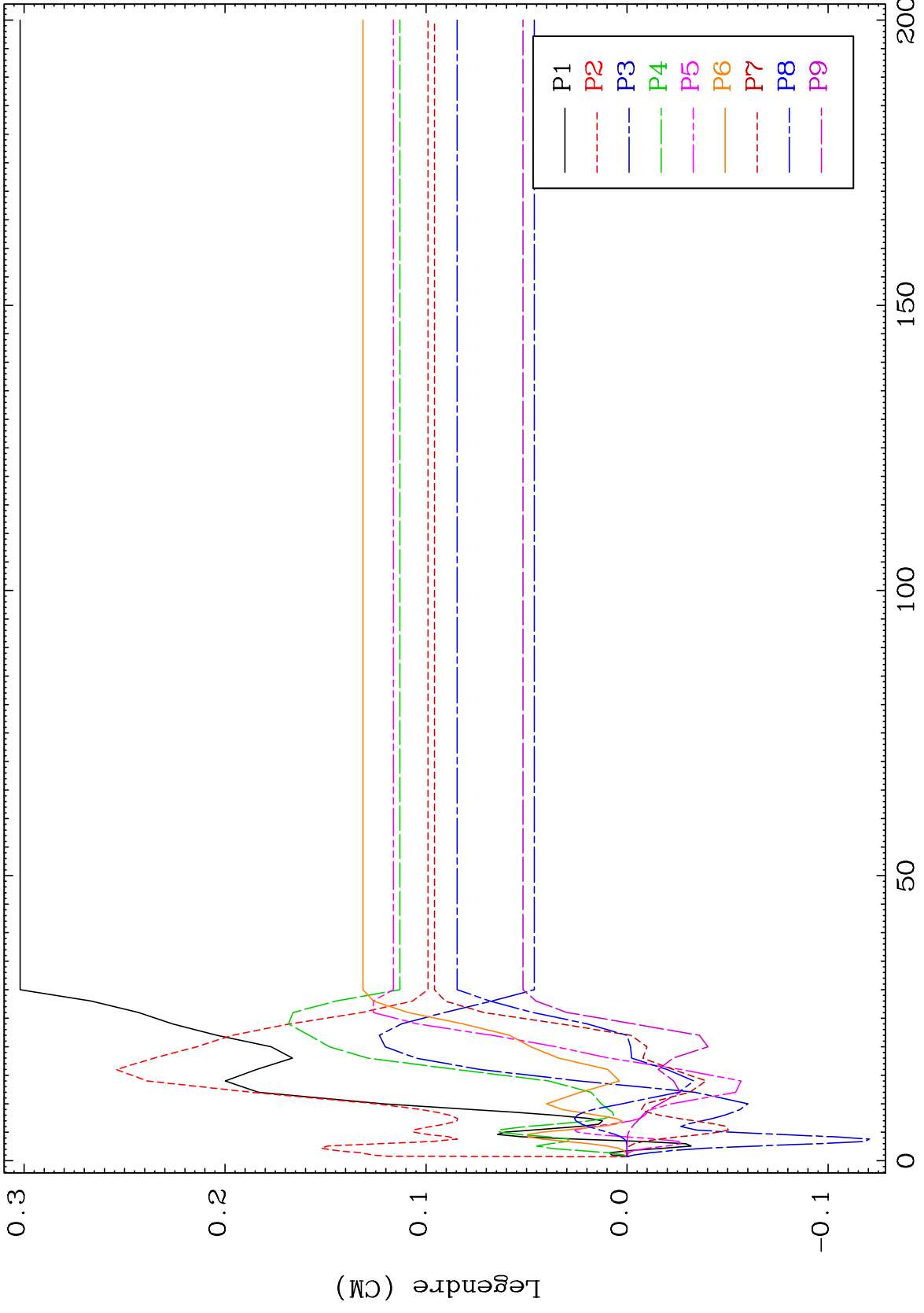
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



23

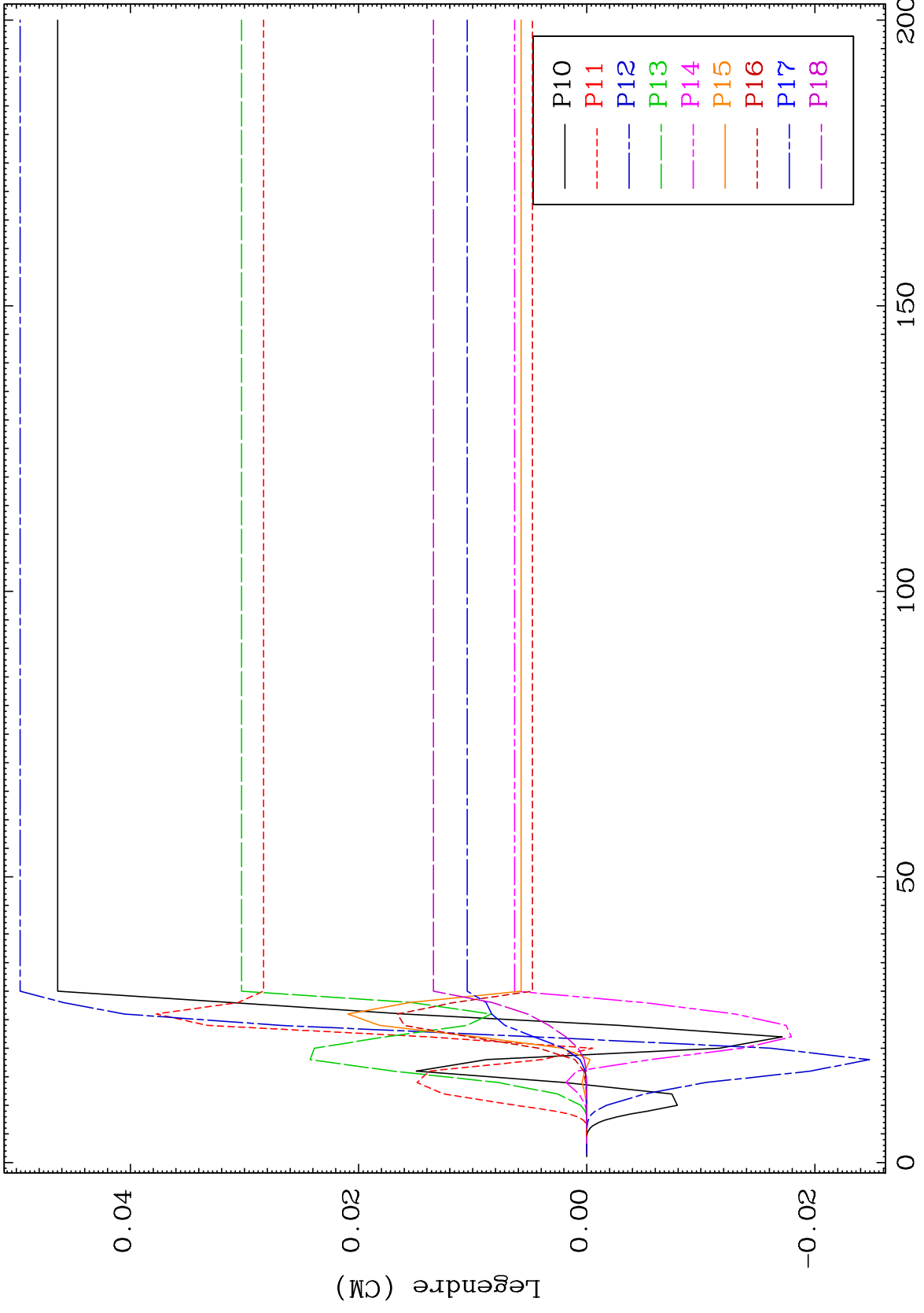
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



24

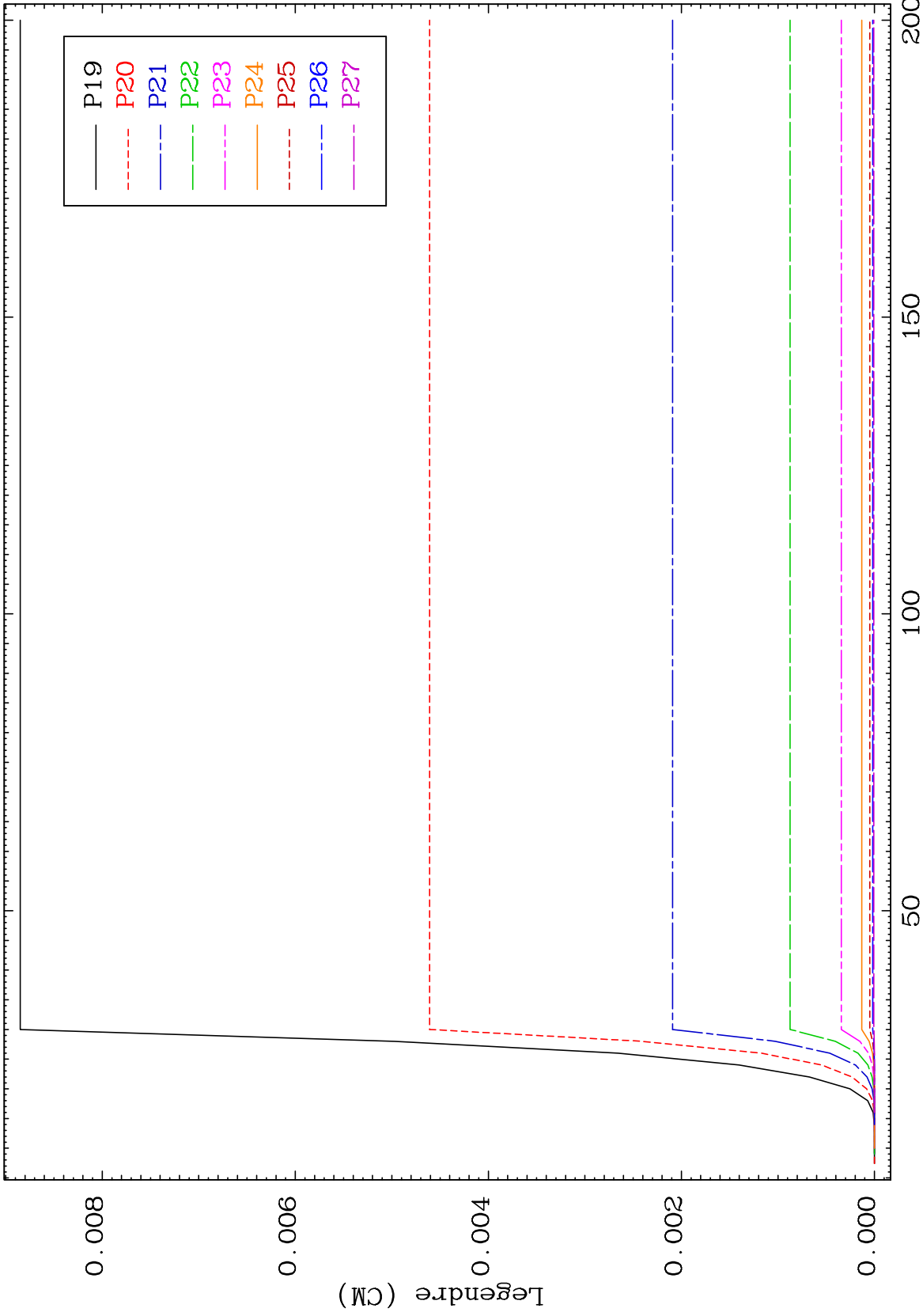
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



25

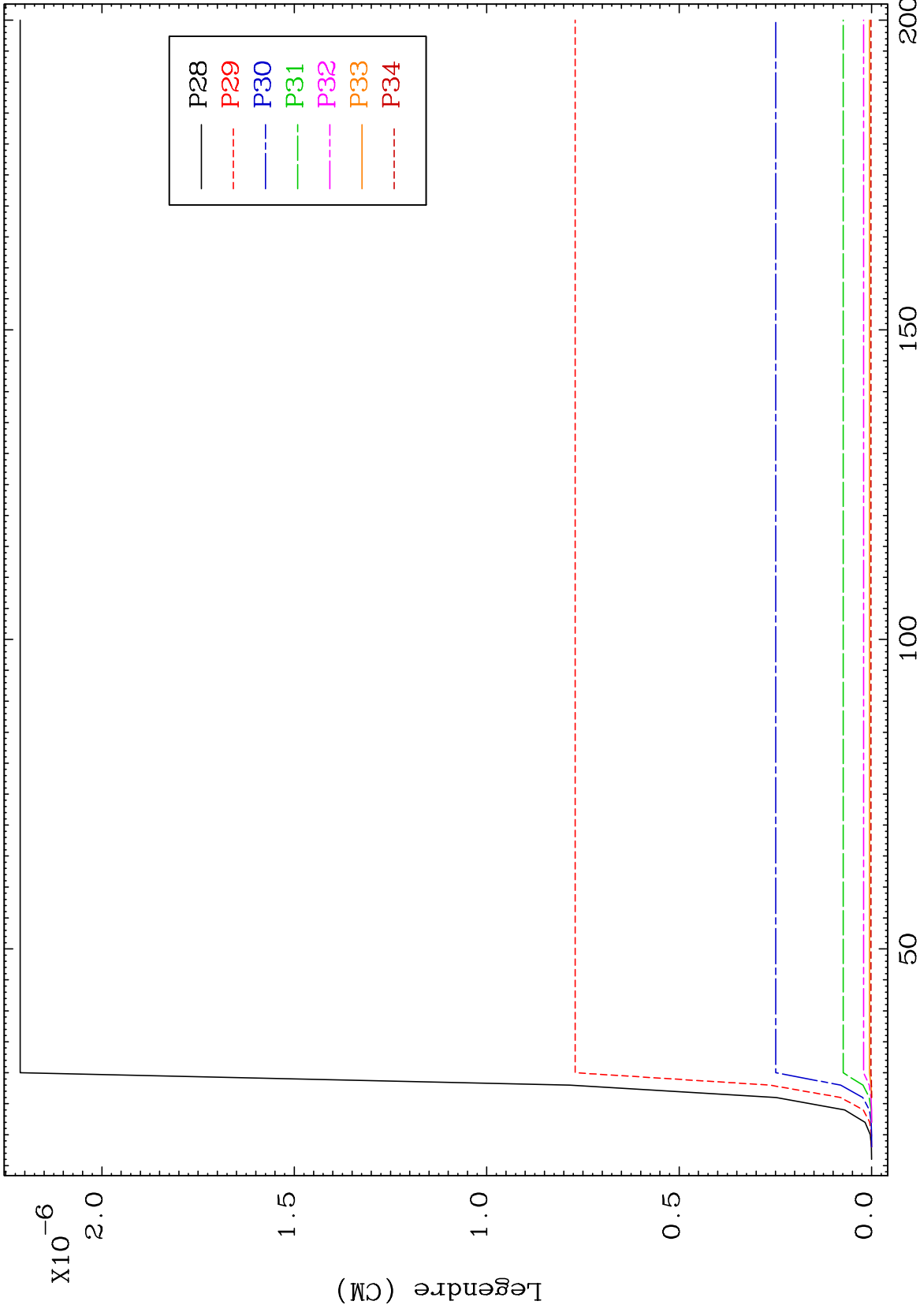
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



26

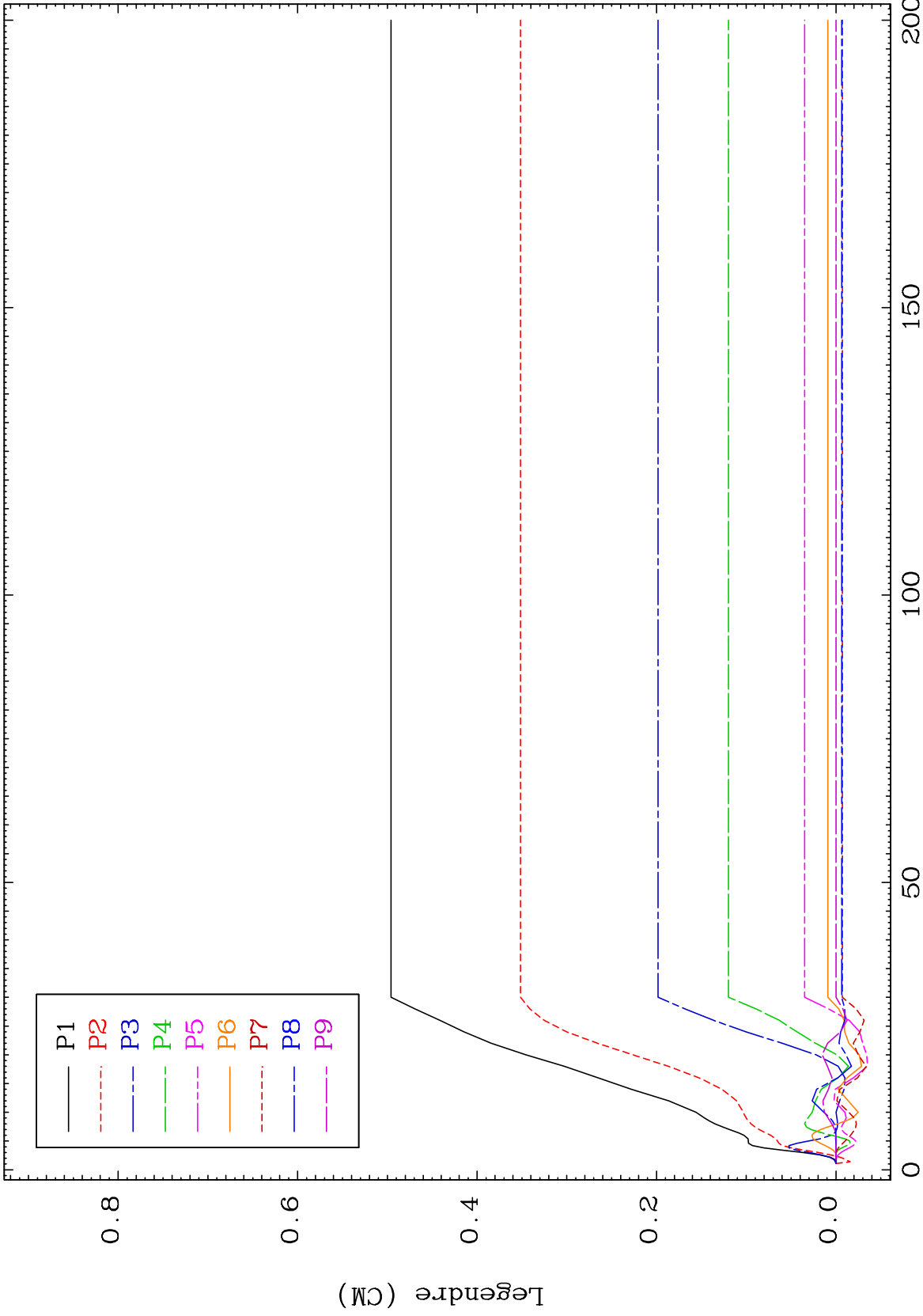
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



27

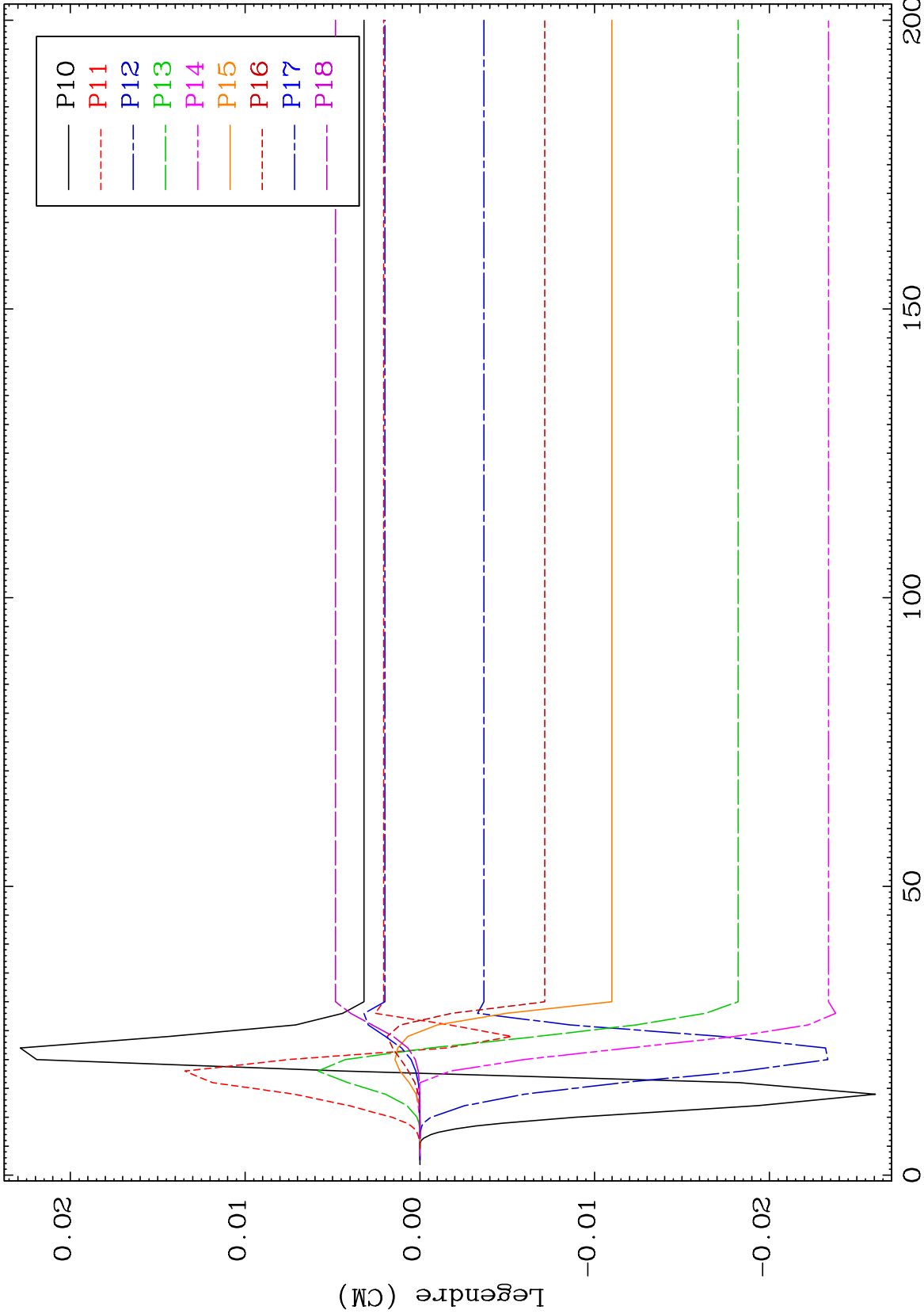
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



28

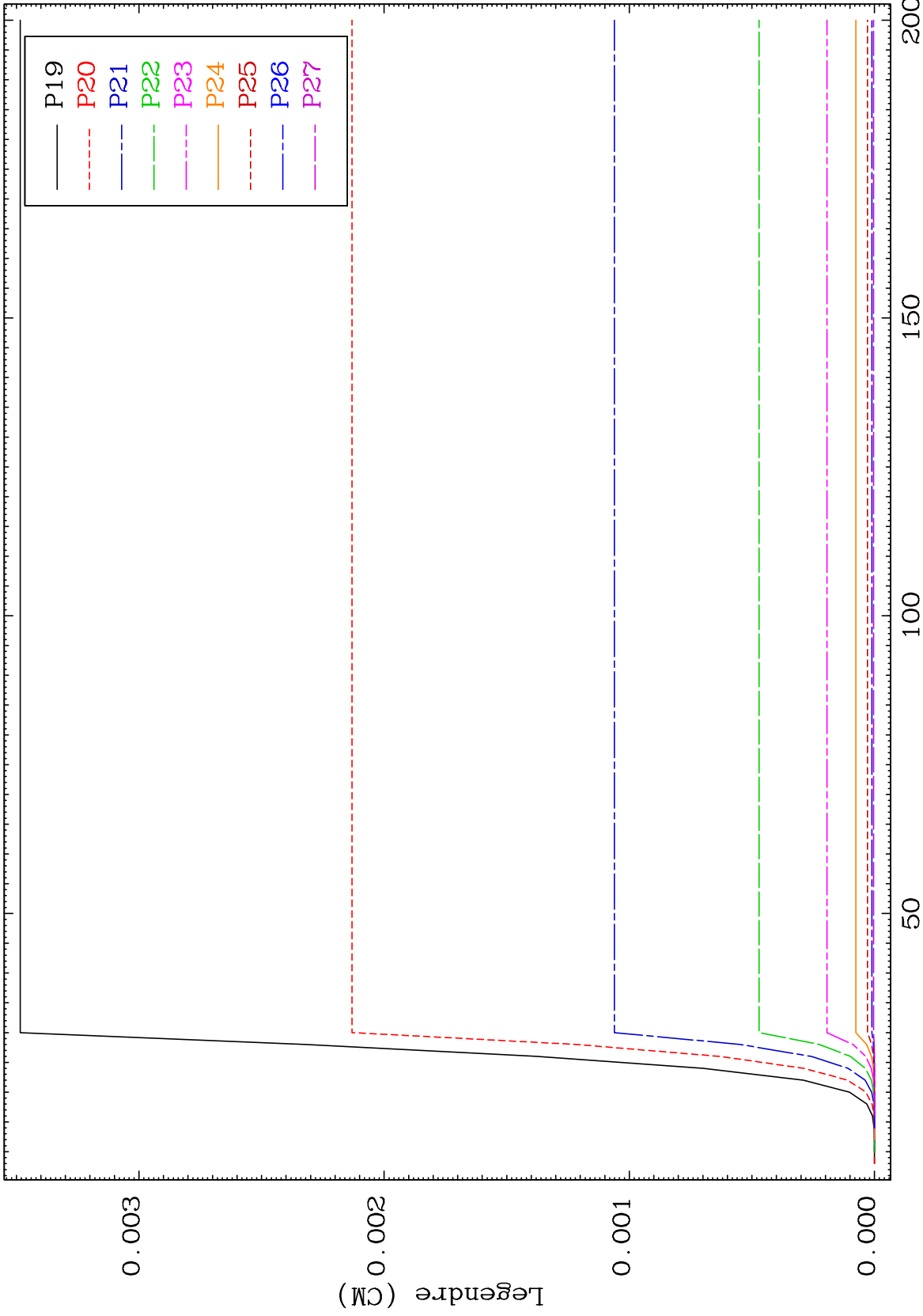
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



29

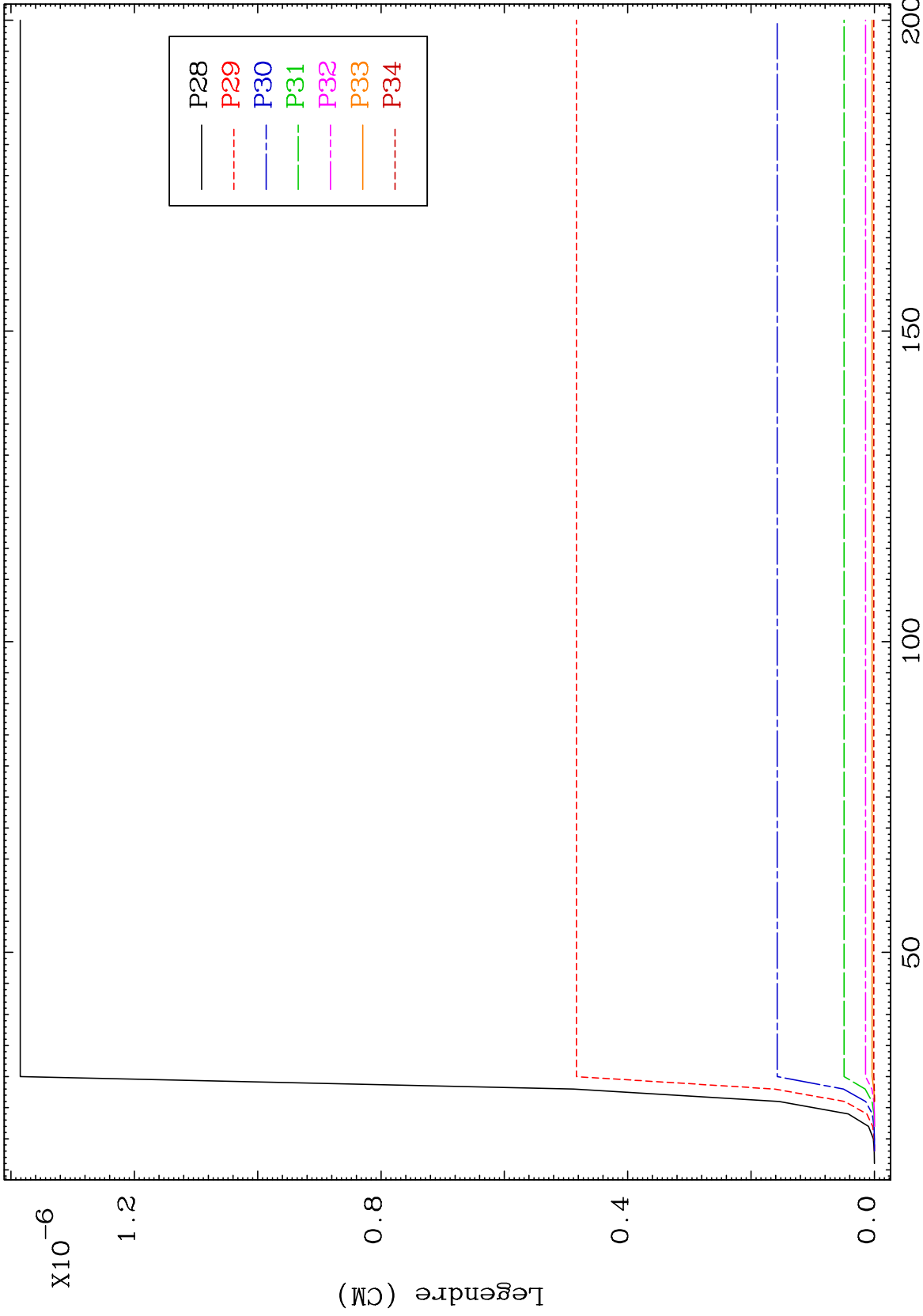
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



30

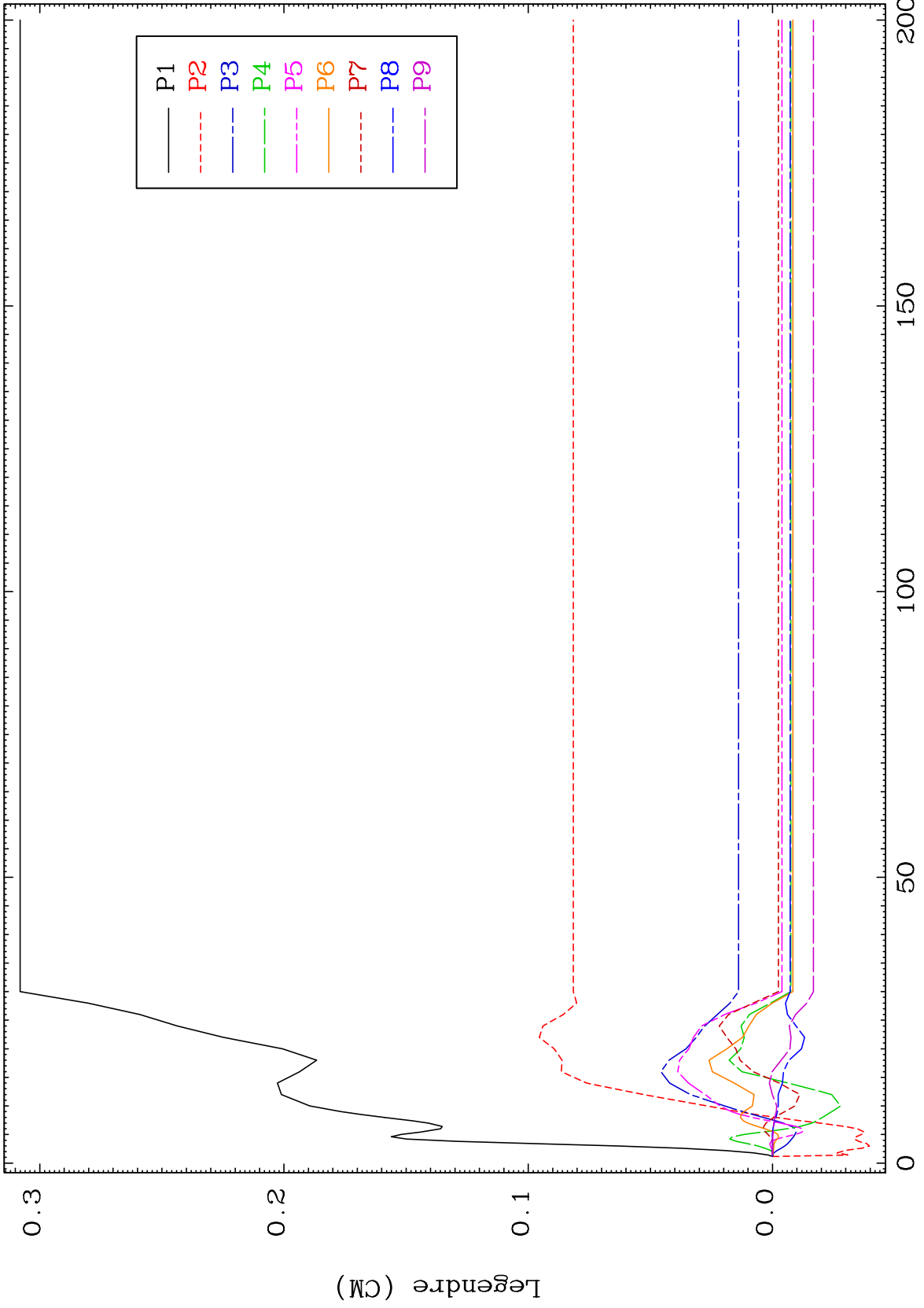
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



31

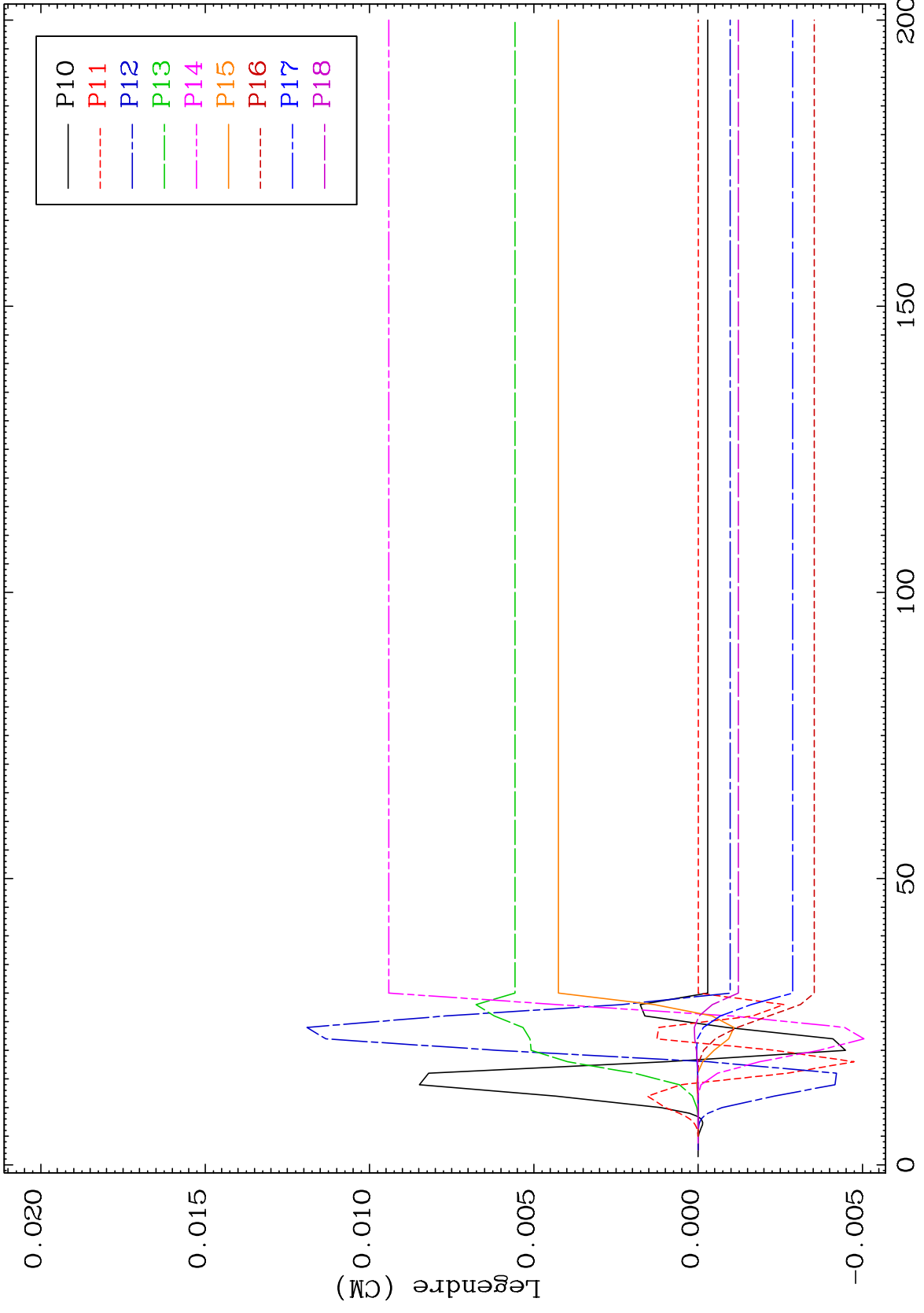
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



32

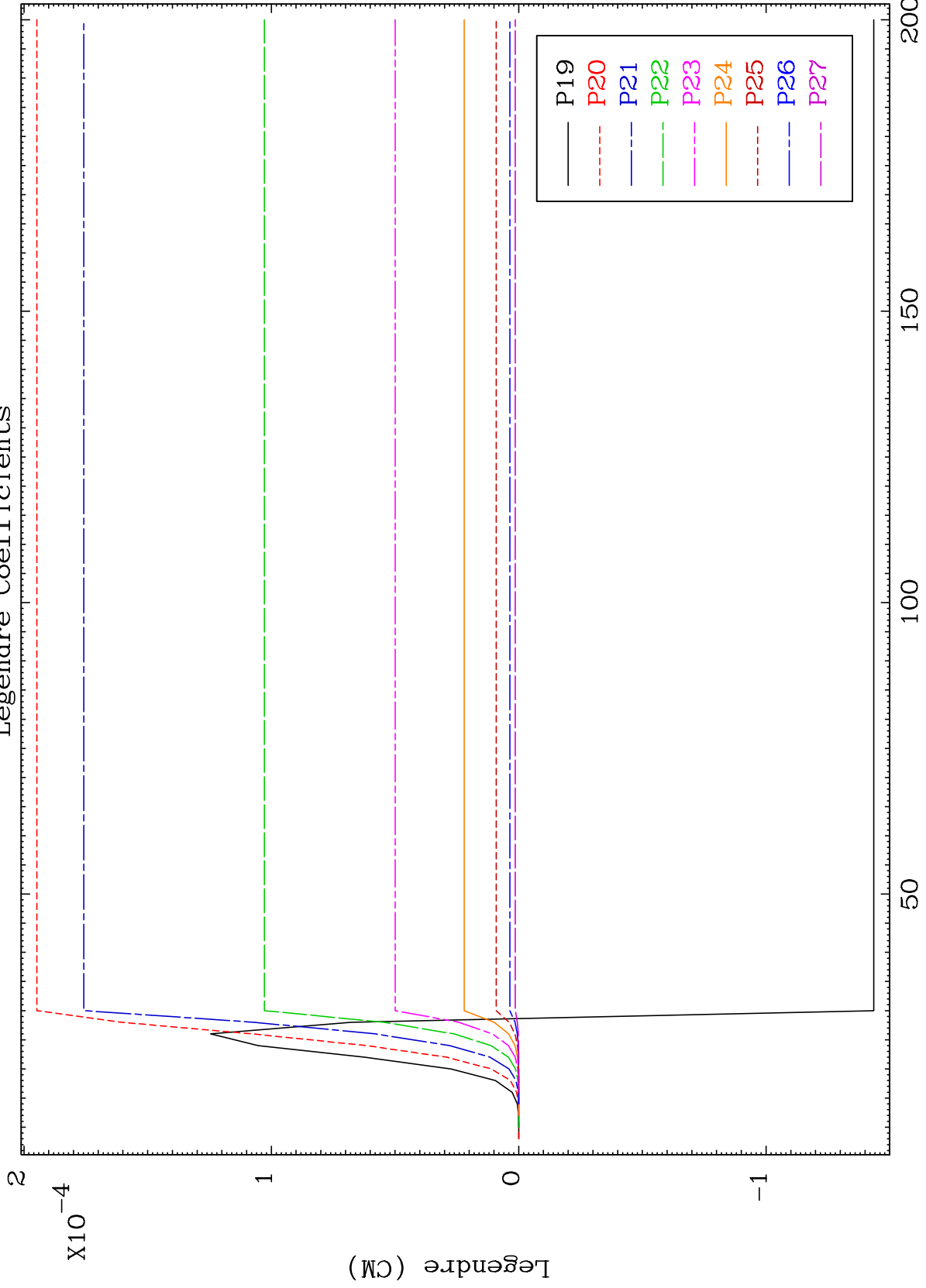
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



42-Mo-100

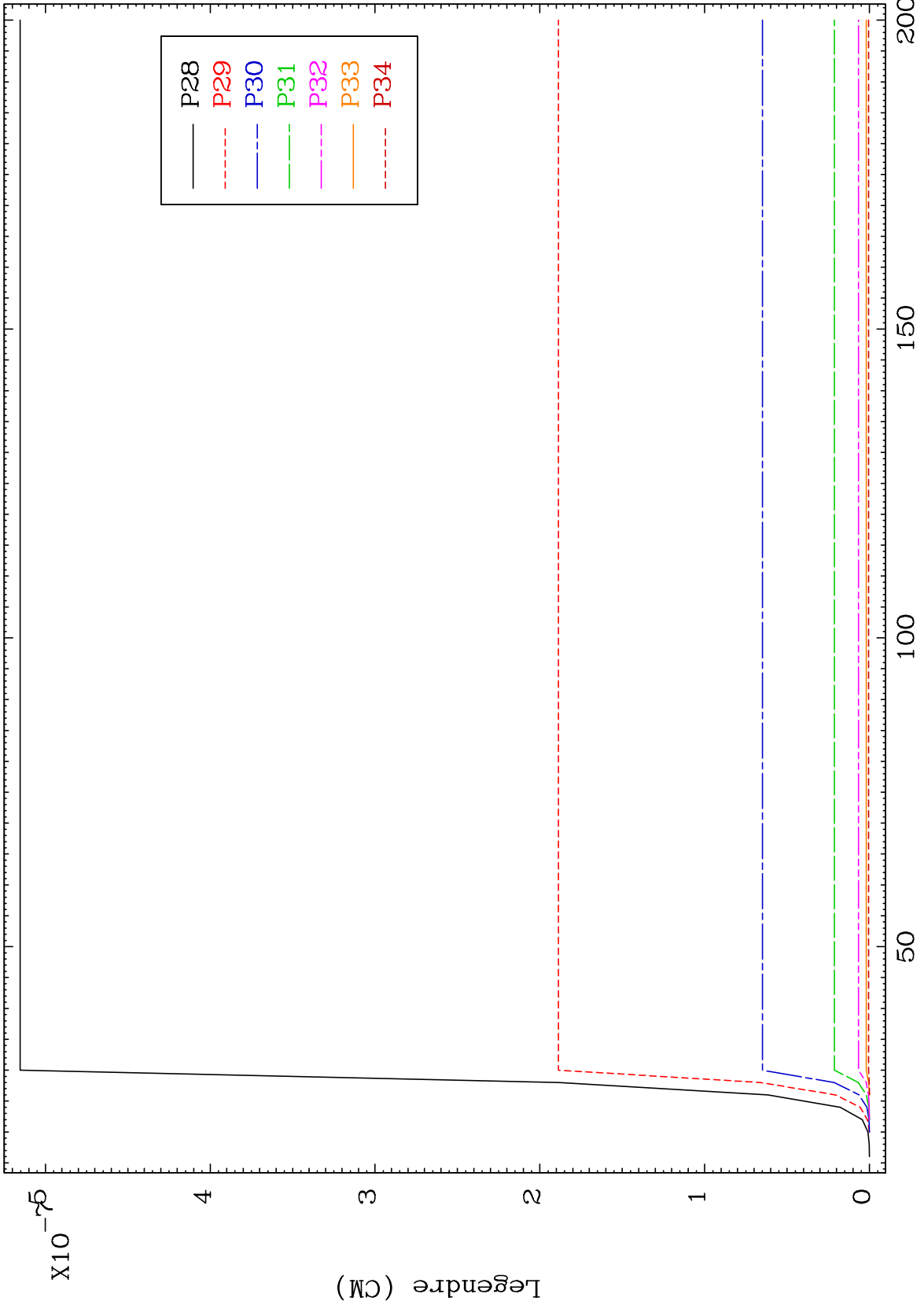
Incident Energy (MeV)

33

MAT 4249

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

42-Mo-100

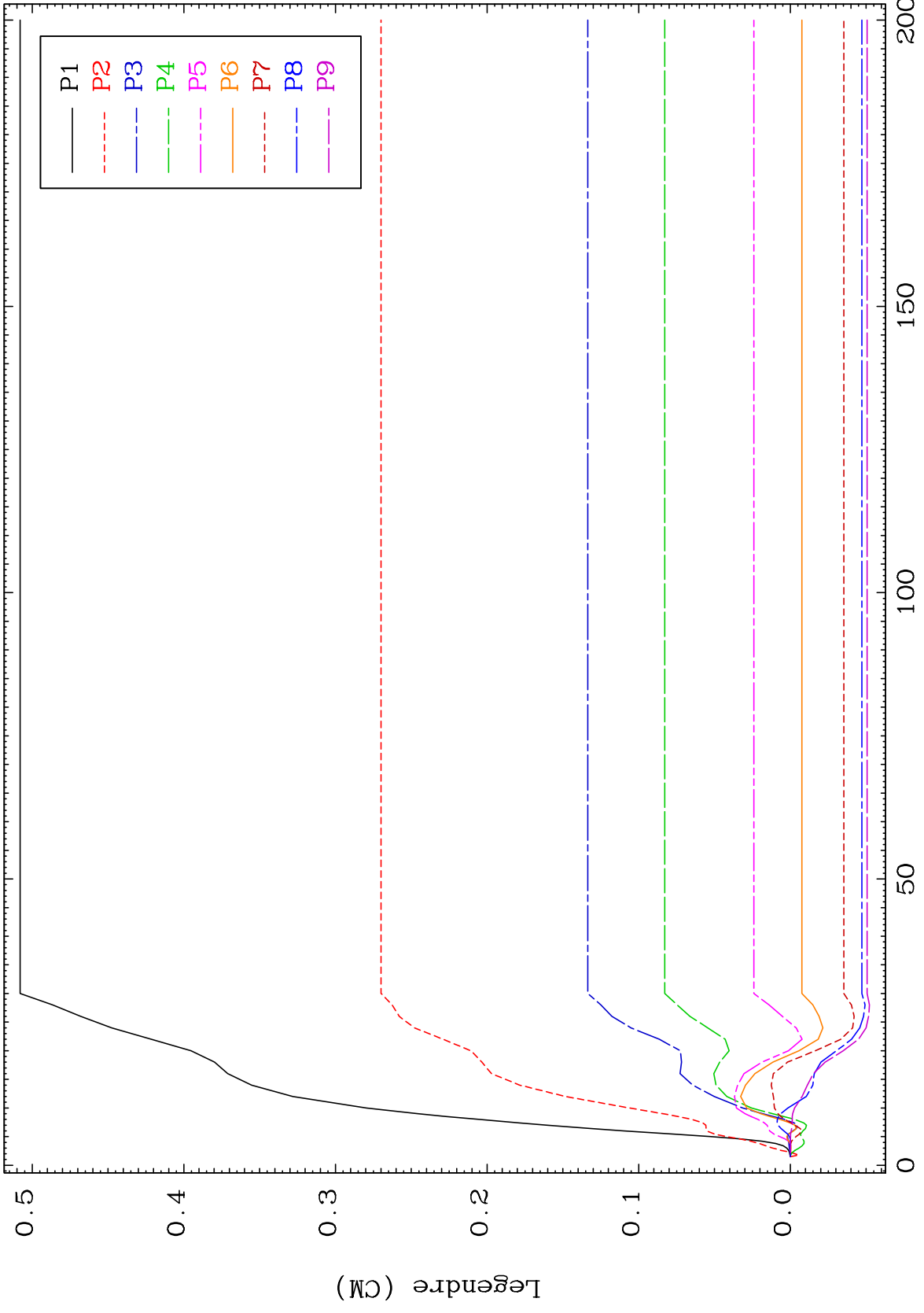


34

Incident Energy (MeV)

42-Mo-100

MAT 4249 MT= 55 (n,n') Level Legendre Coefficients 42-Mo-100

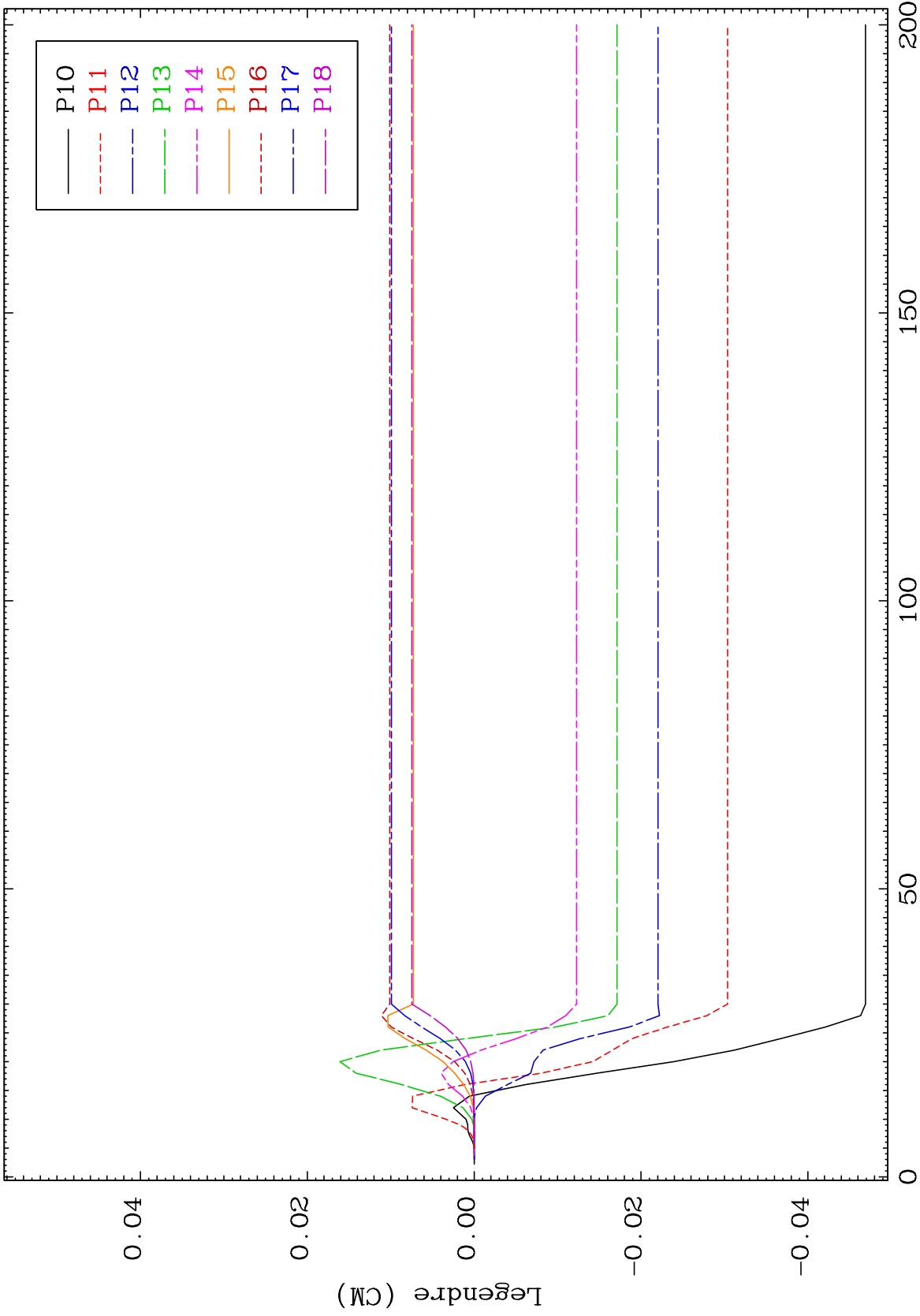


35 Incident Energy (MeV) 42-Mo-100

MAT 4249

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

42-Mo-100



36

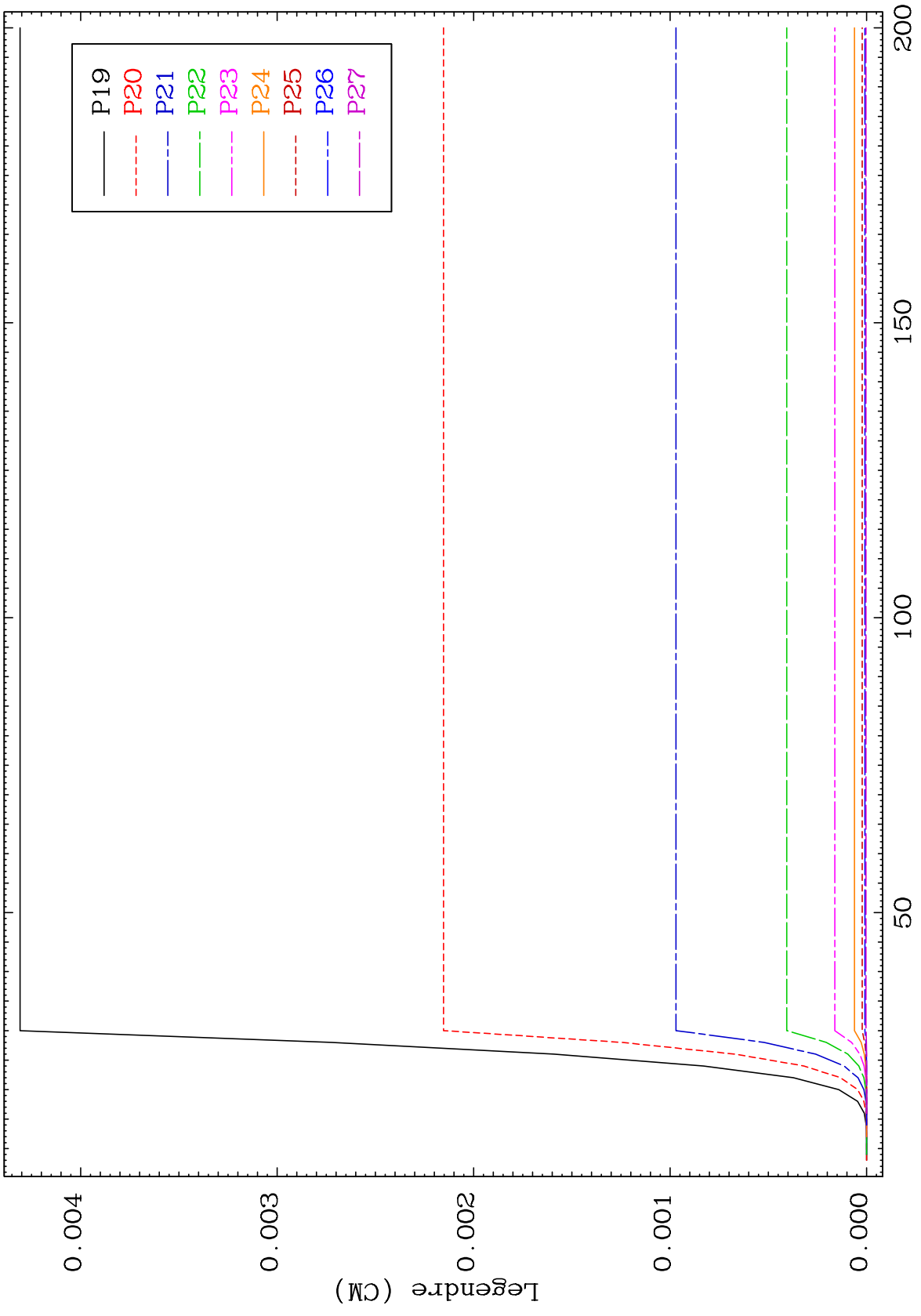
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



37

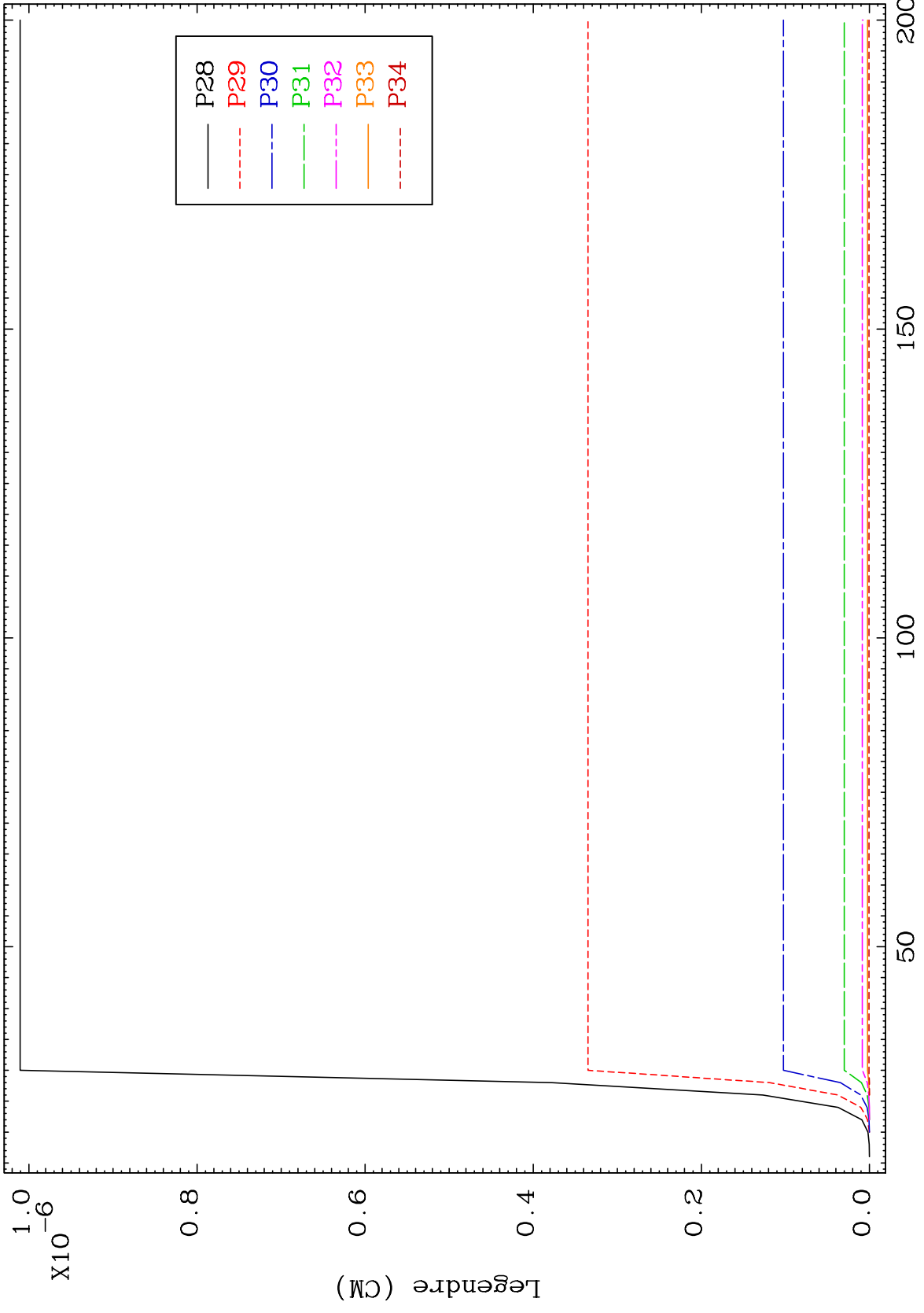
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100

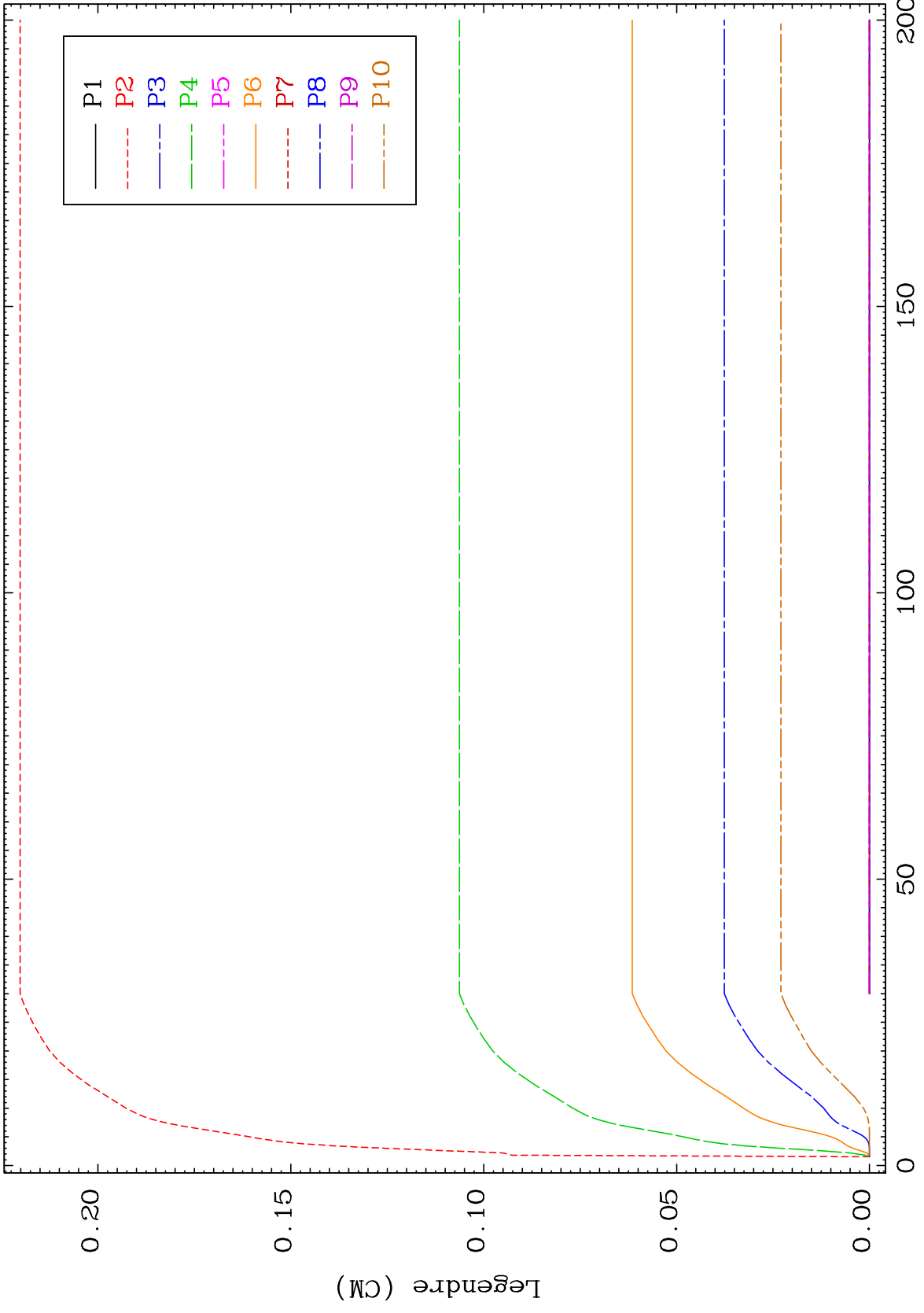


38

Incident Energy (MeV)

42-Mo-100

MAT 4249 MT= 56 (n,n') Level Legendre Coefficients 42-Mo-100

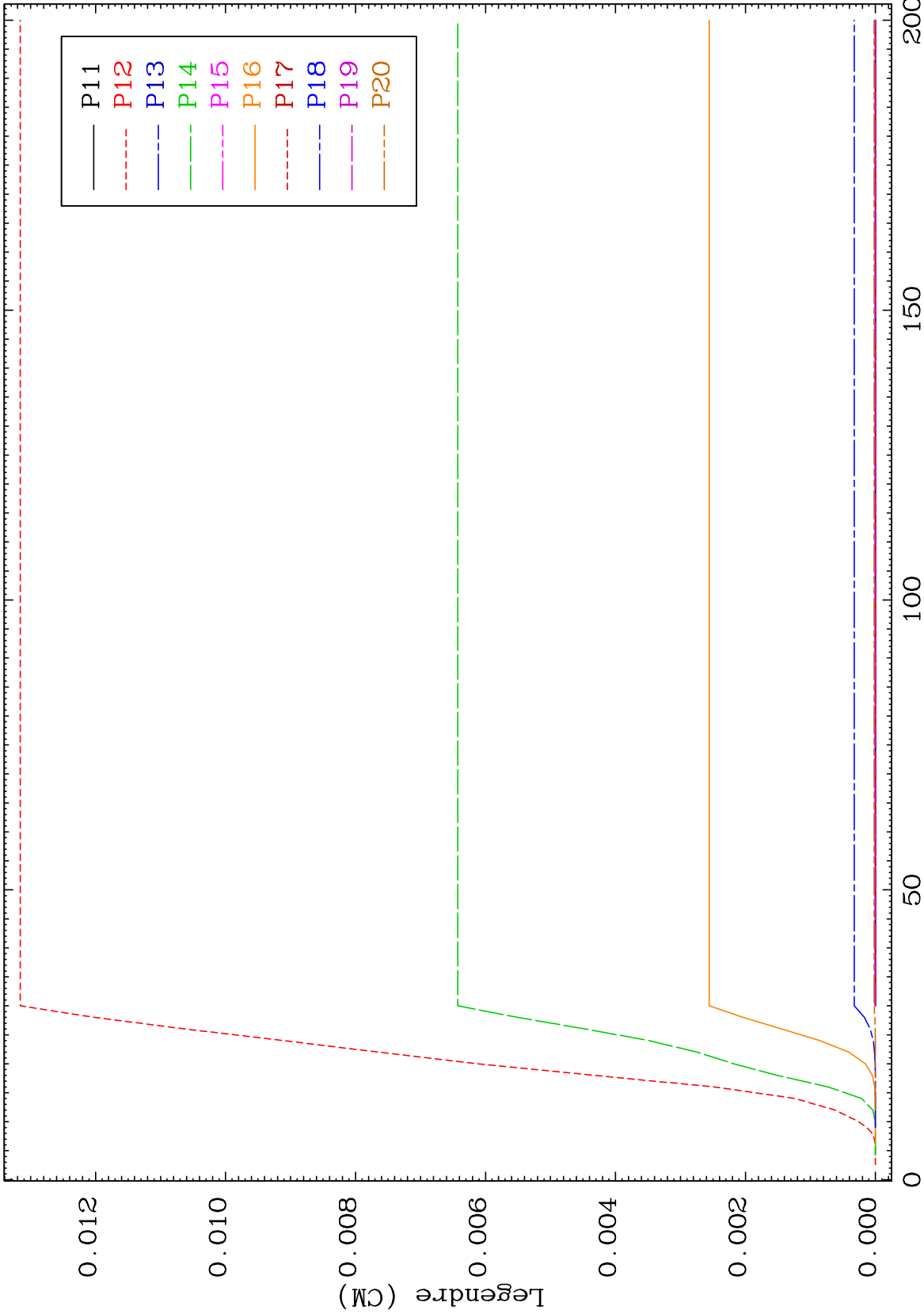


39 Incident Energy (MeV) 42-Mo-100

MAT 4249

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

42-Mo-100

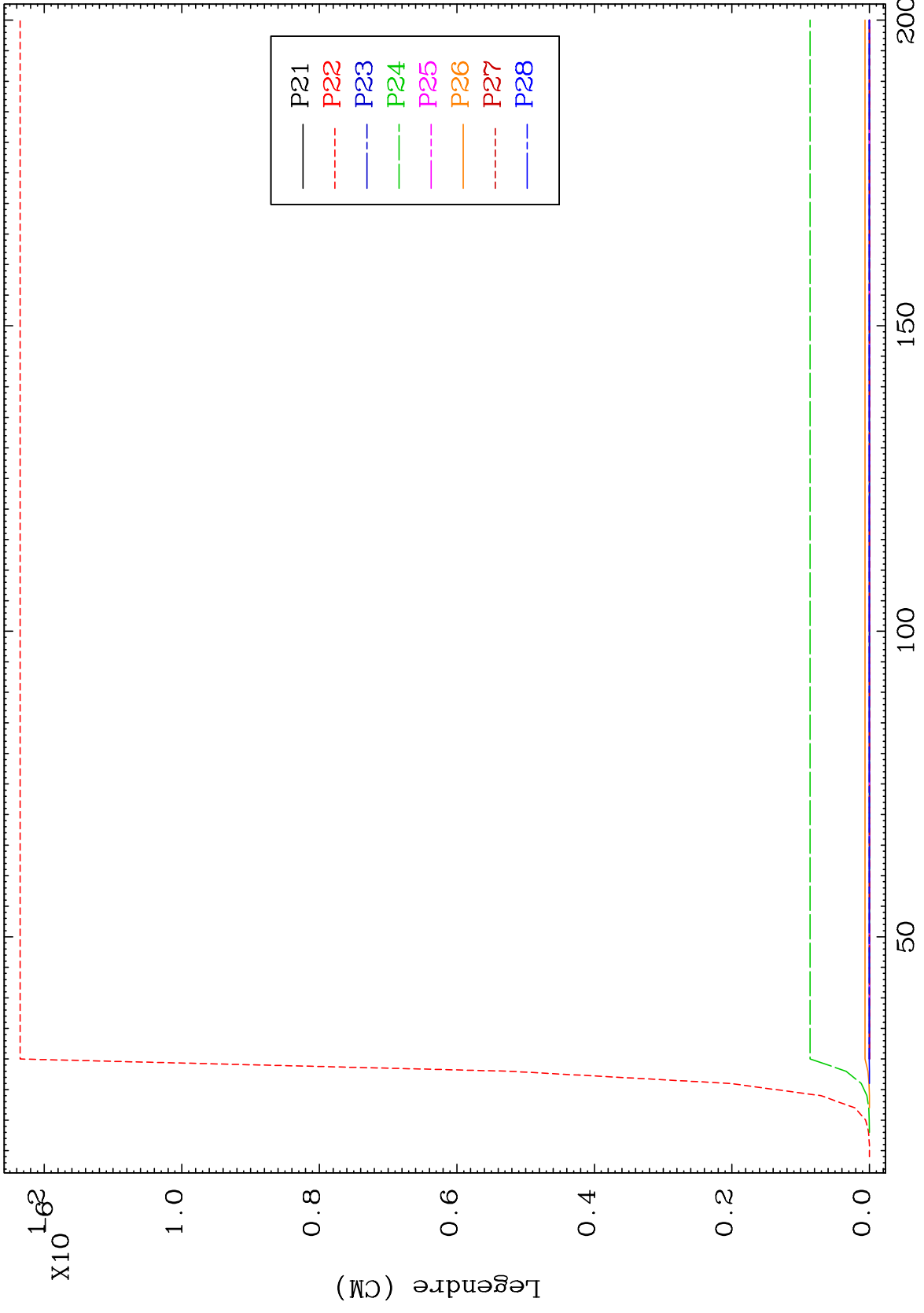


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Incident Energy (MeV)

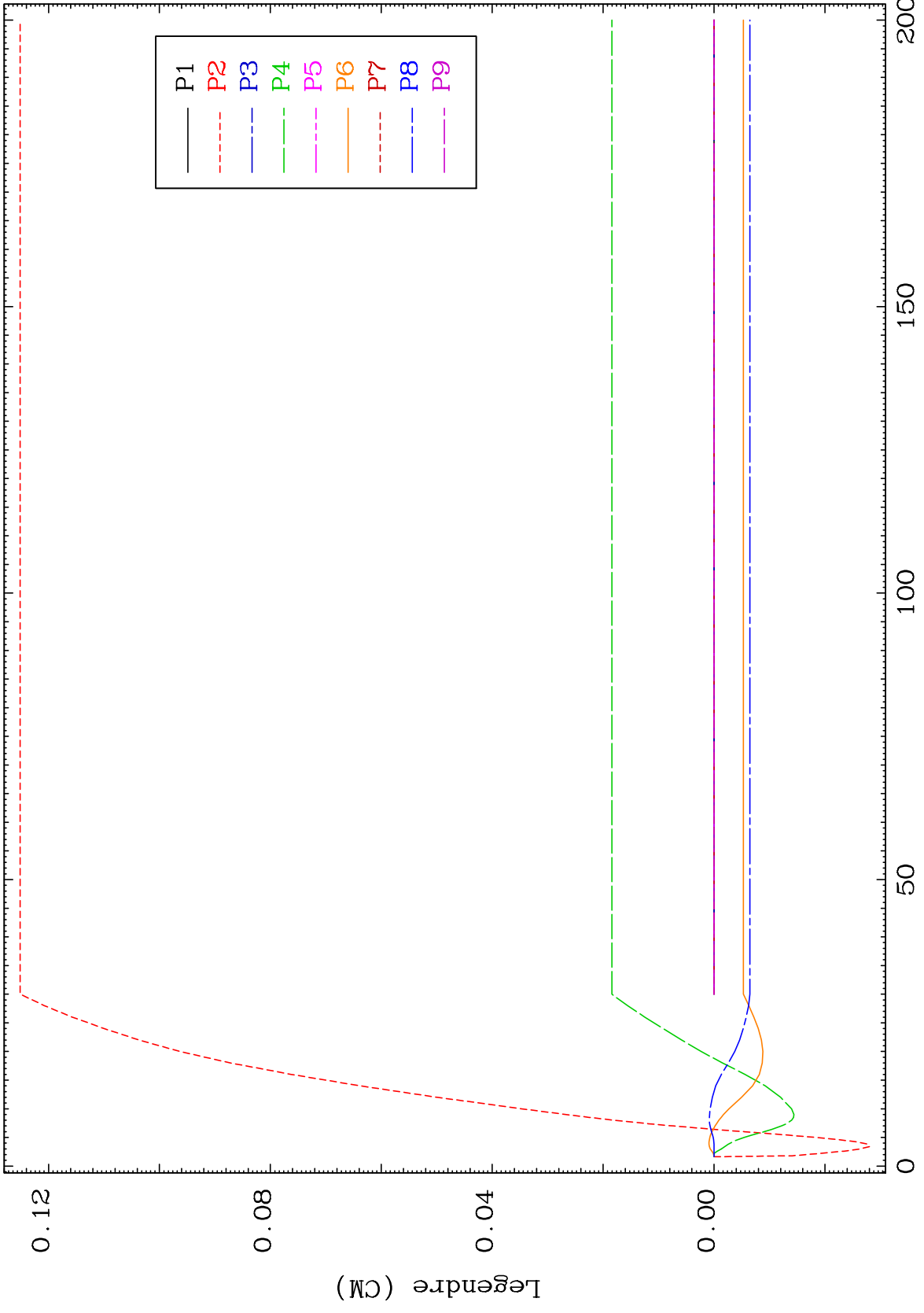
42-Mo-100

MAT 4249 MT= 56 (n,n') Level Legendre Coefficients 42-Mo-100



41 42-Mo-100

MAT 4249 MT= 57 (n,n') Level Legendre Coefficients 42-Mo-100 42-Mo-100

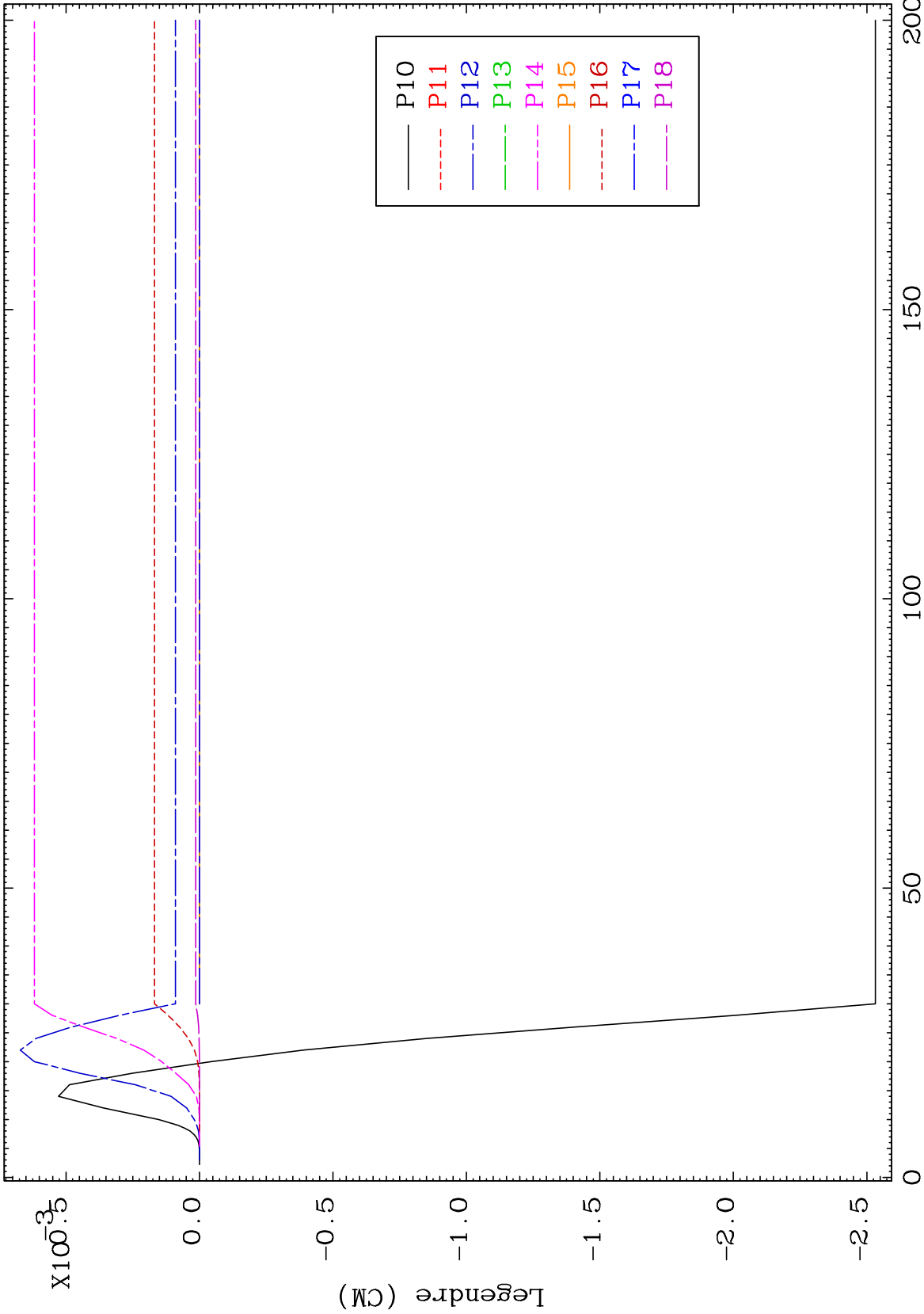


42

MAT 4249

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

42-Mo-100



43

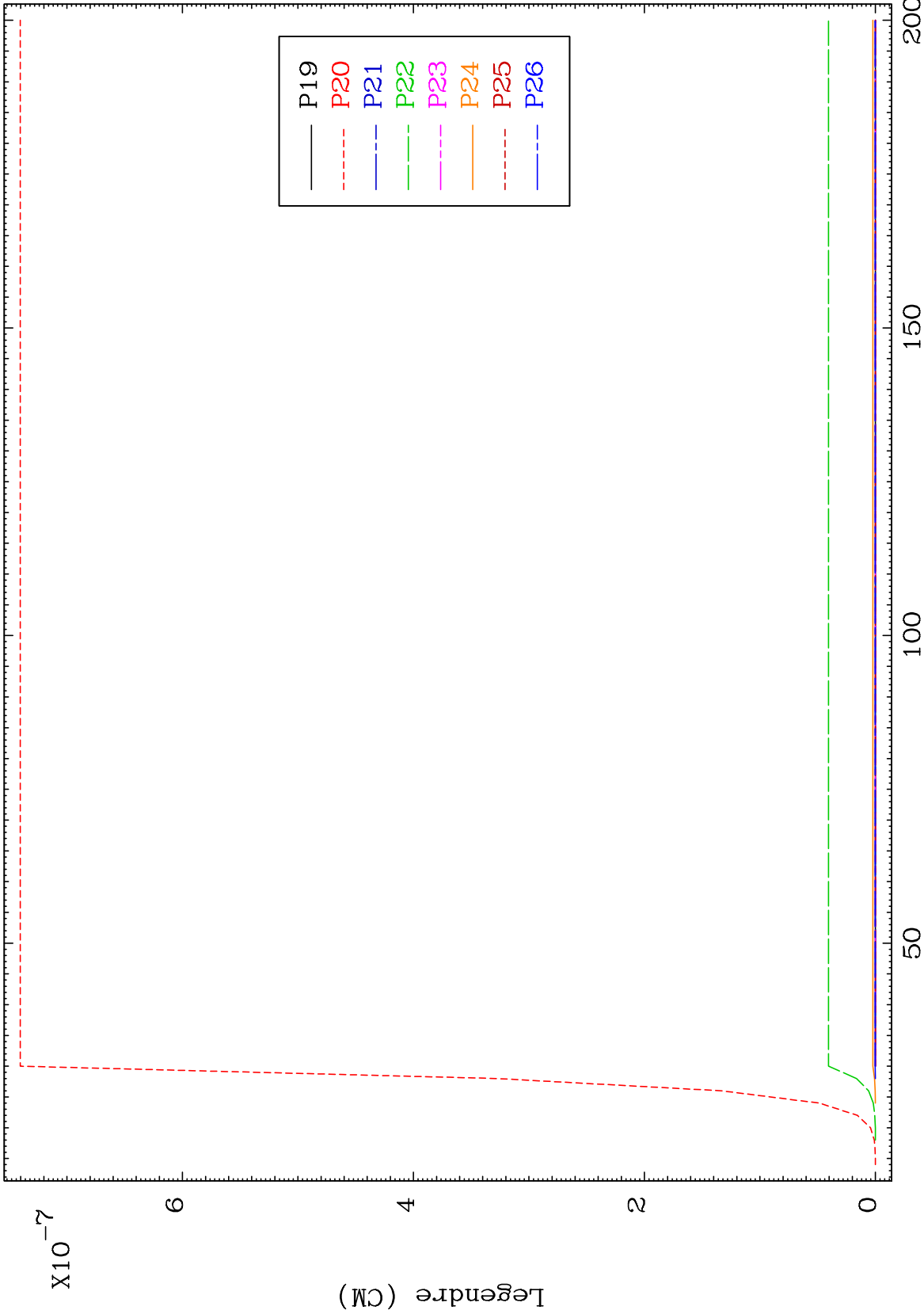
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100

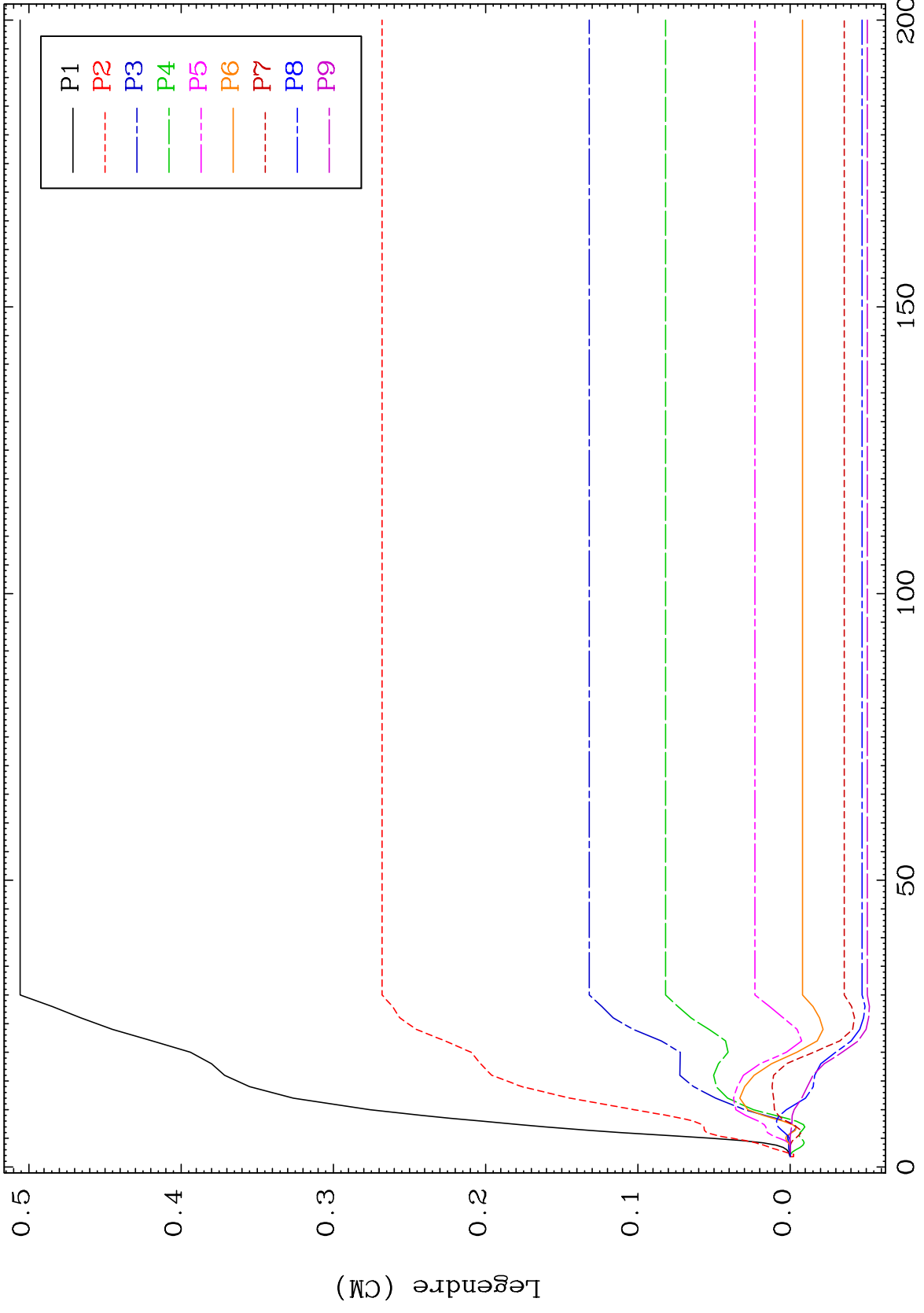


44

Incident Energy (MeV)

42-Mo-100

MAT 4249 MT= 58 (n,n') Level Legendre Coefficients 42-Mo-100

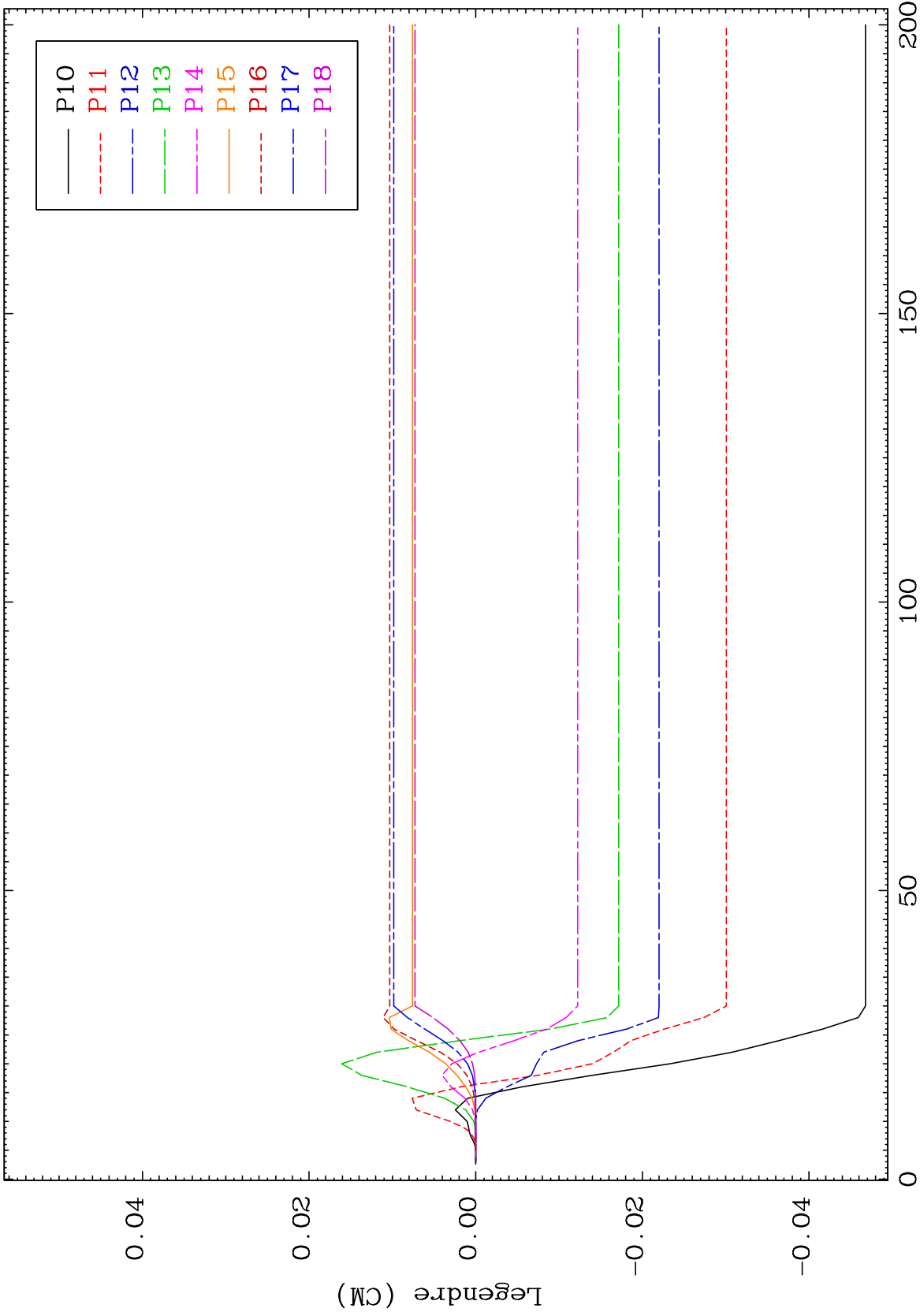


42-Mo-100

MAT 4249

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

42-Mo-100



46

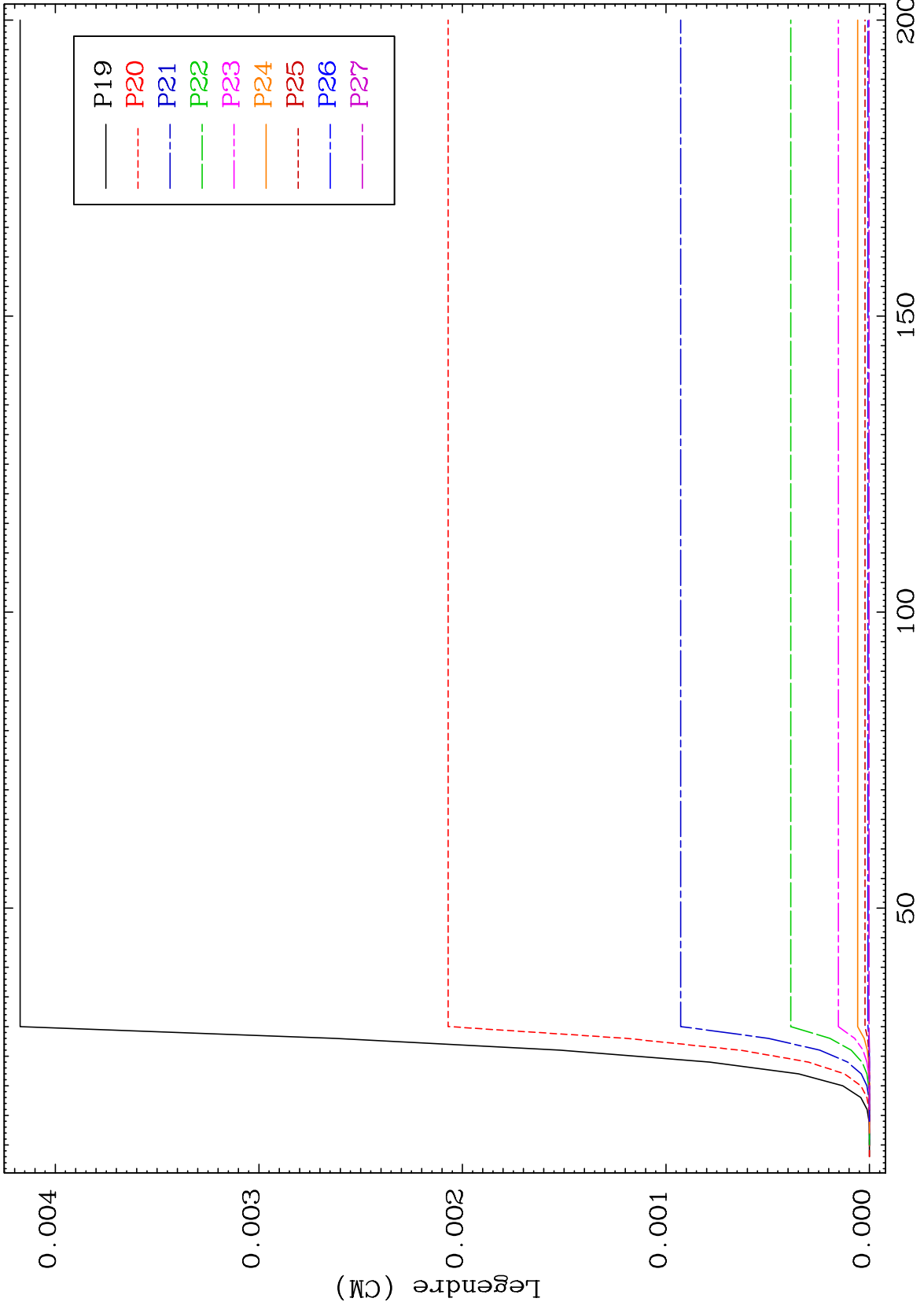
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



47

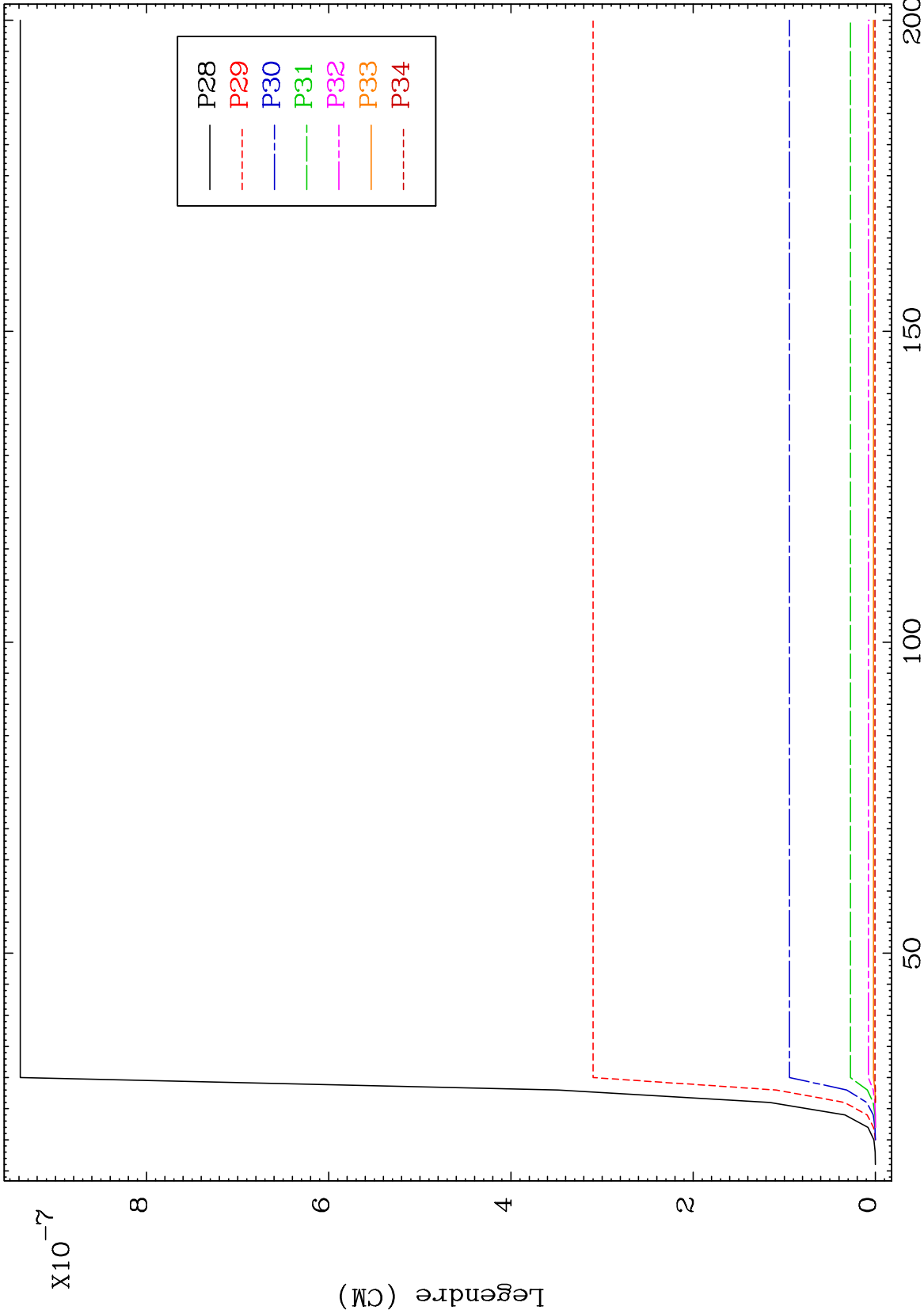
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



48

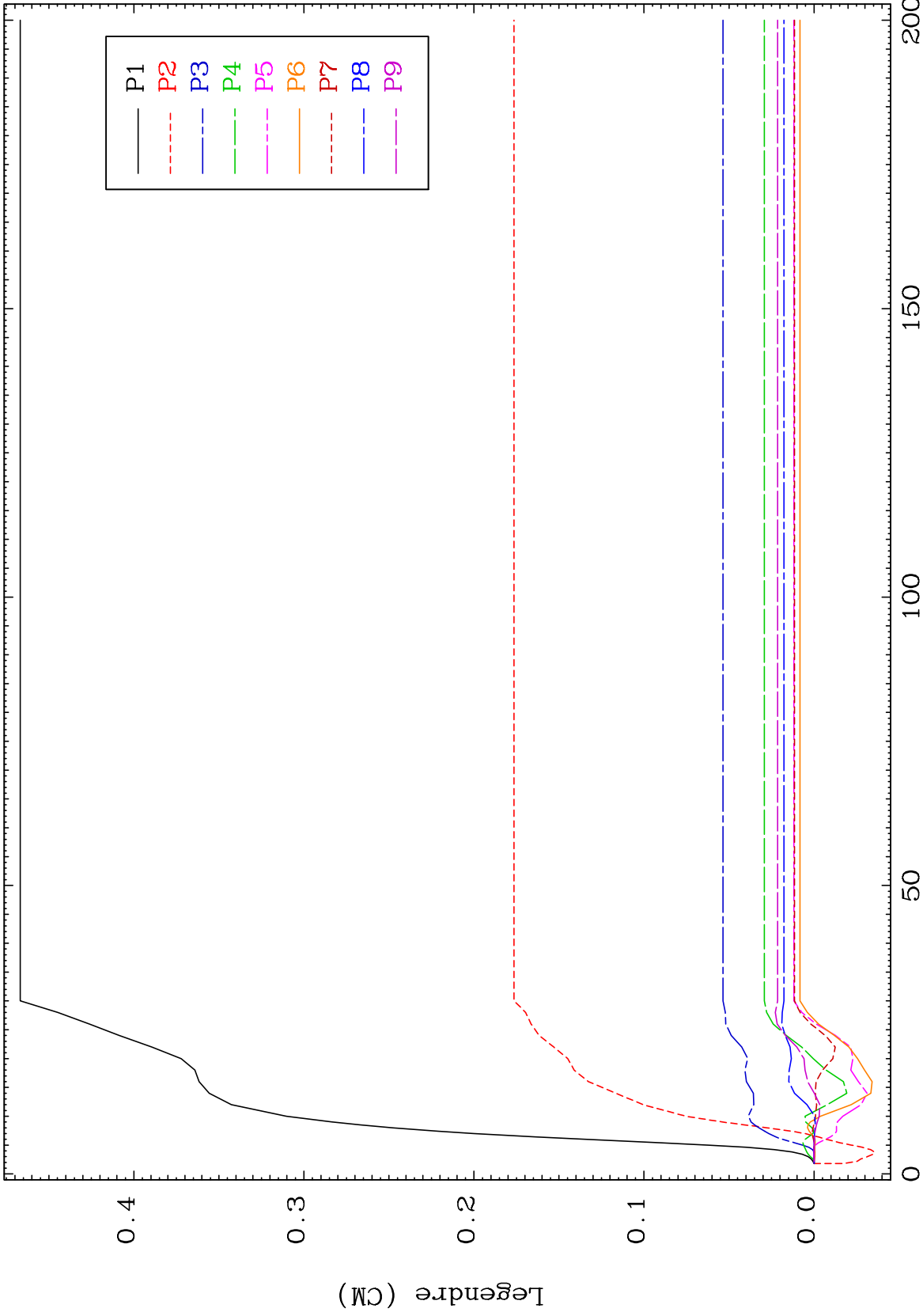
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



49

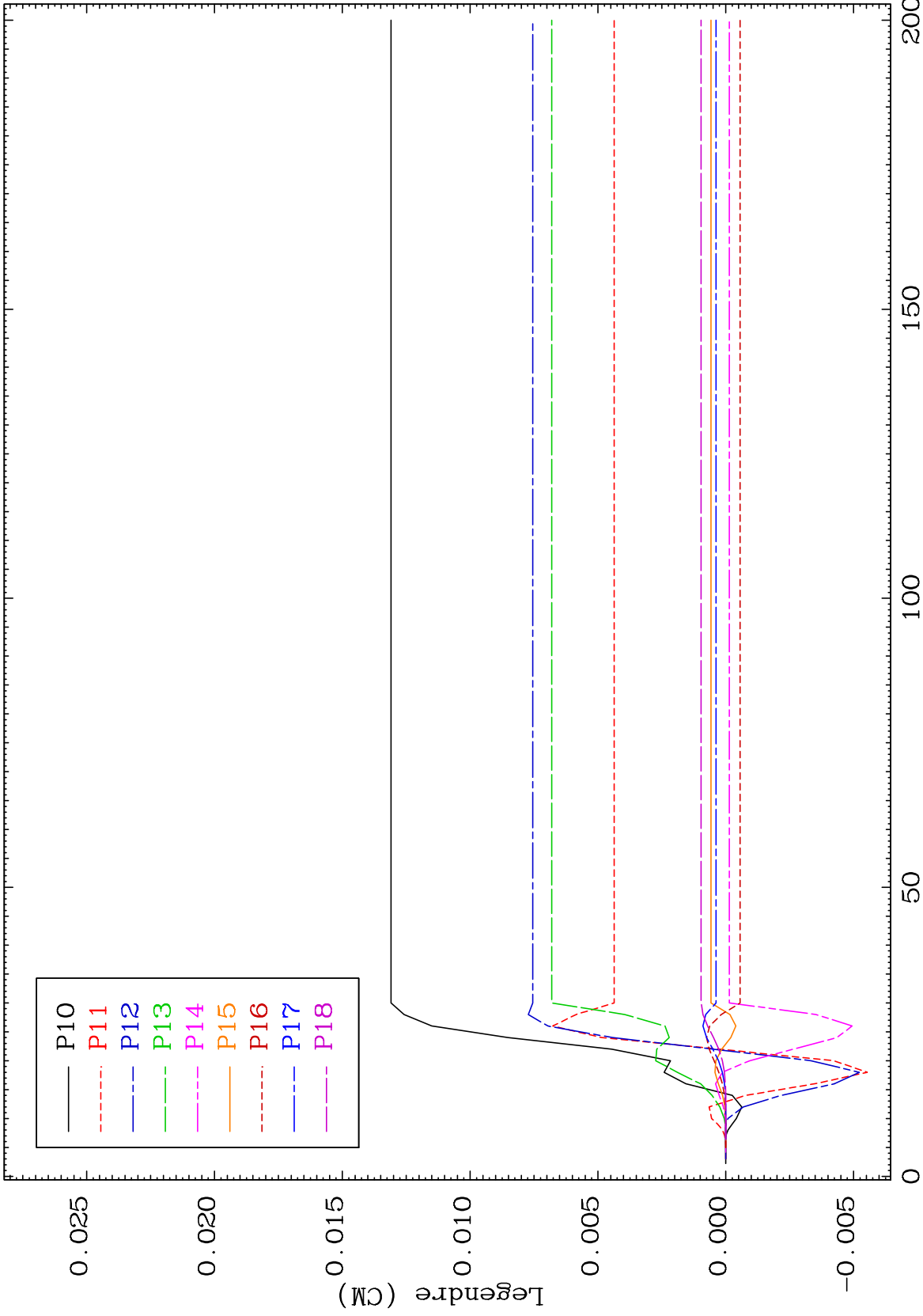
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



50

Incident Energy (MeV)

150

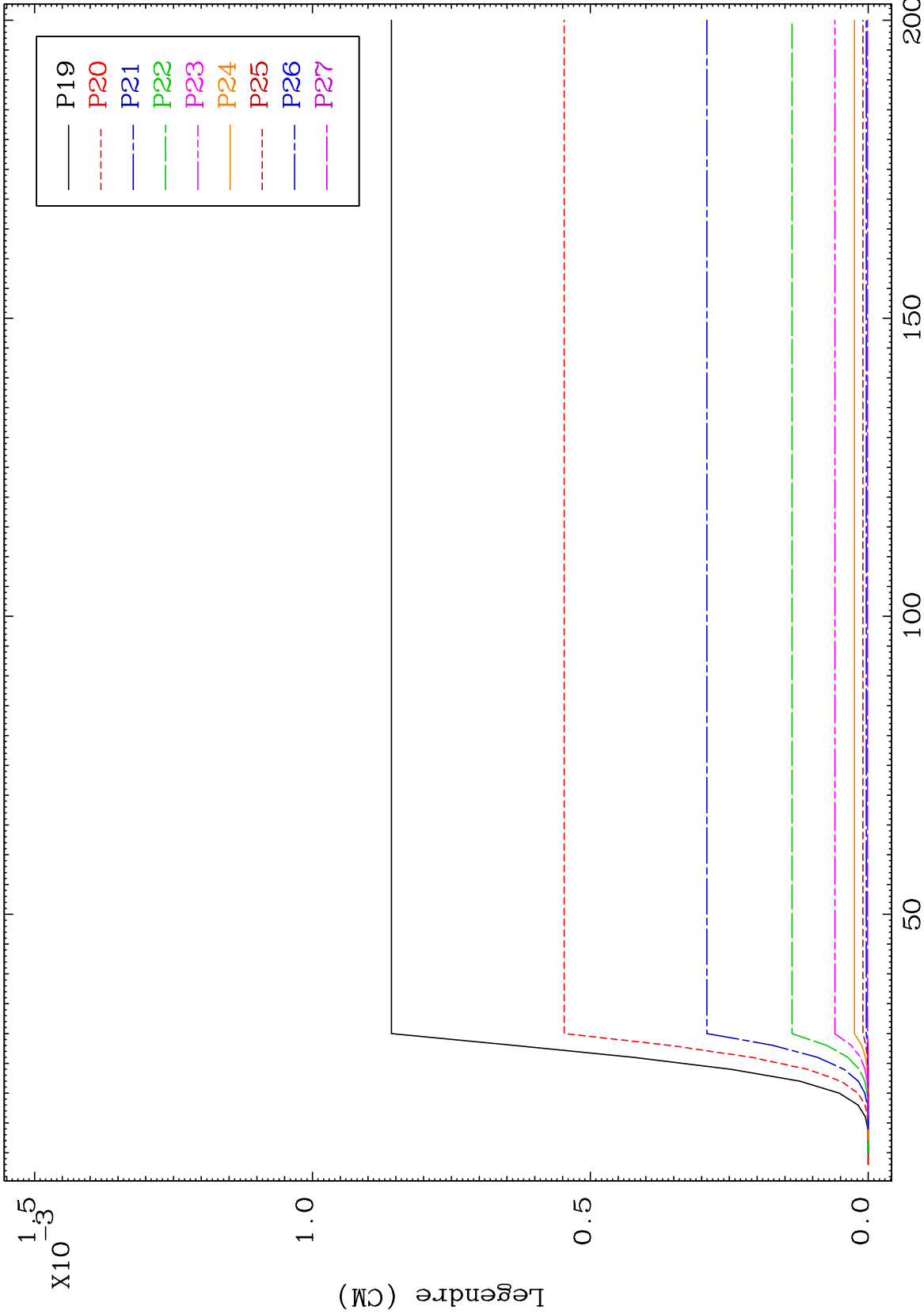
42-Mo-100

200

MAT 4249

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

42-Mo-100



51

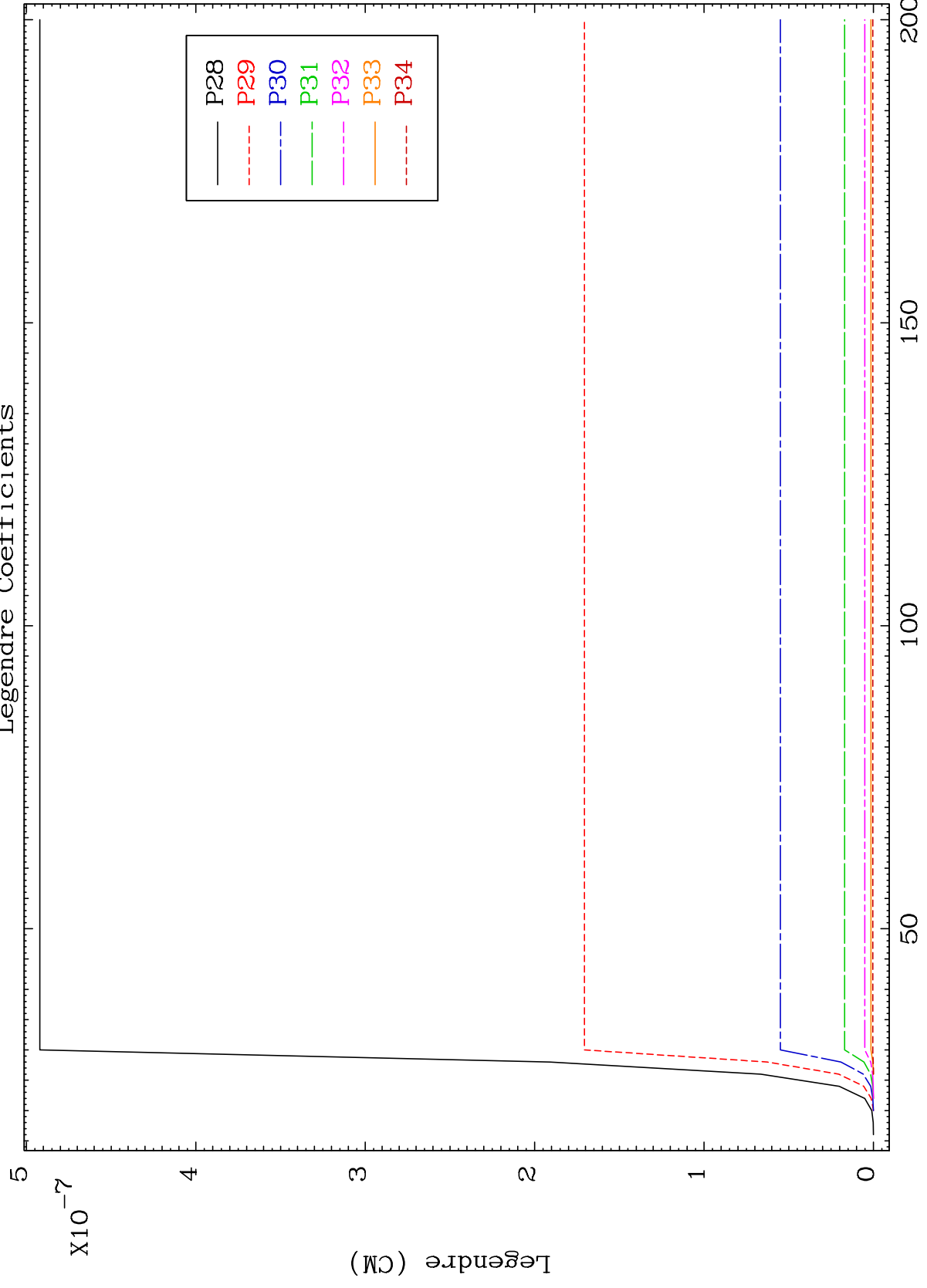
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



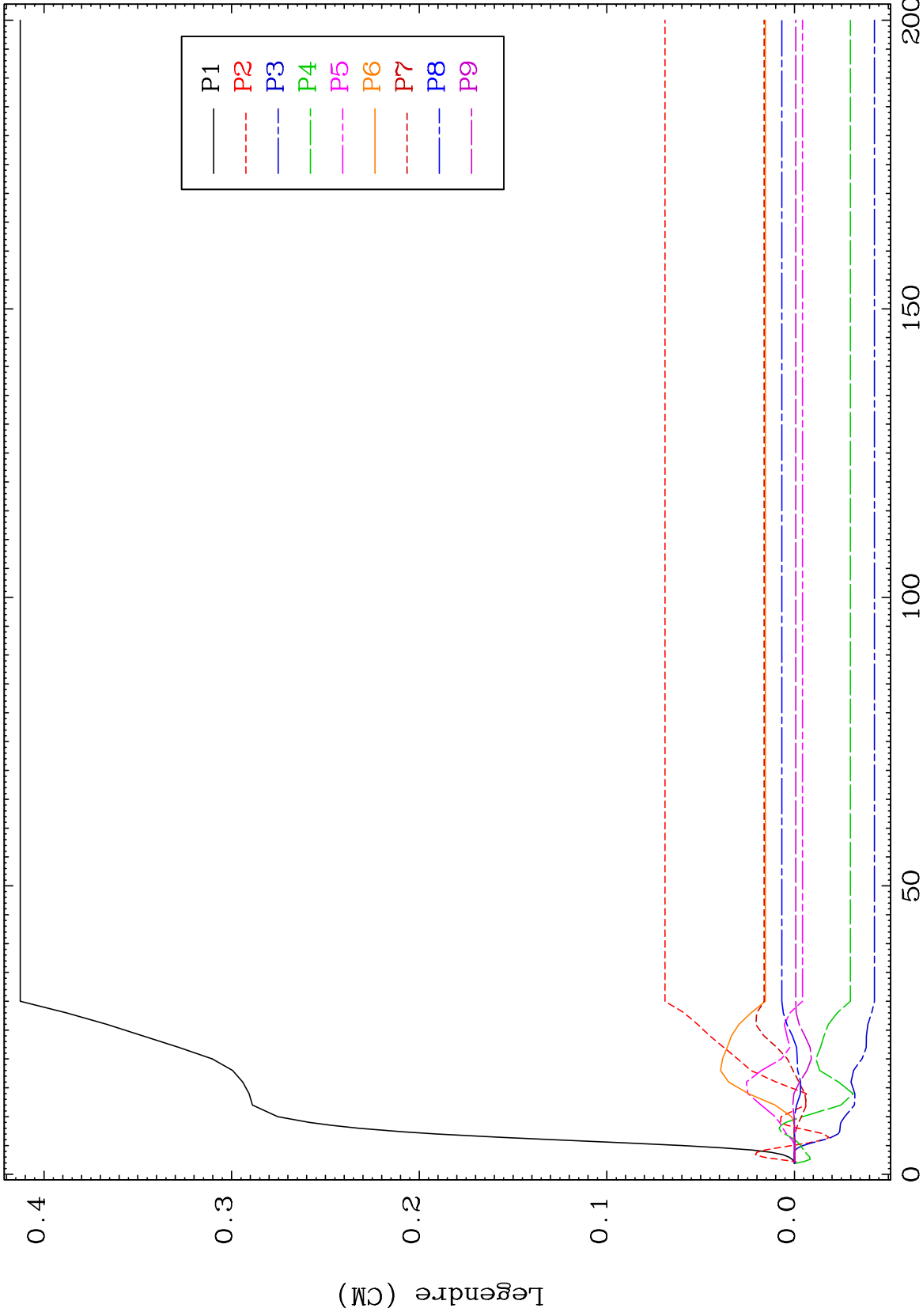
52

42-Mo-100

MAT 4249

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

42-Mo-100



53

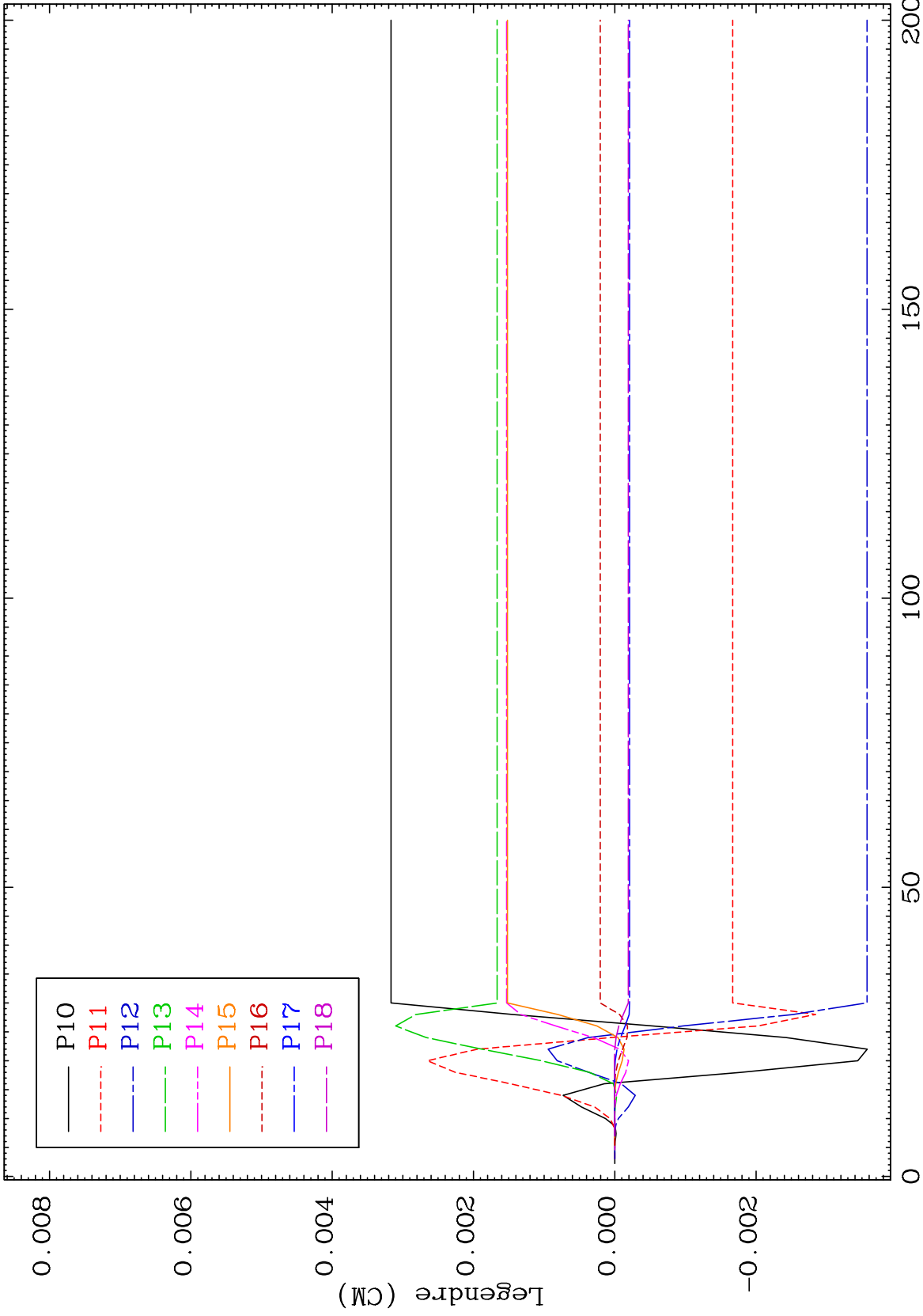
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



54

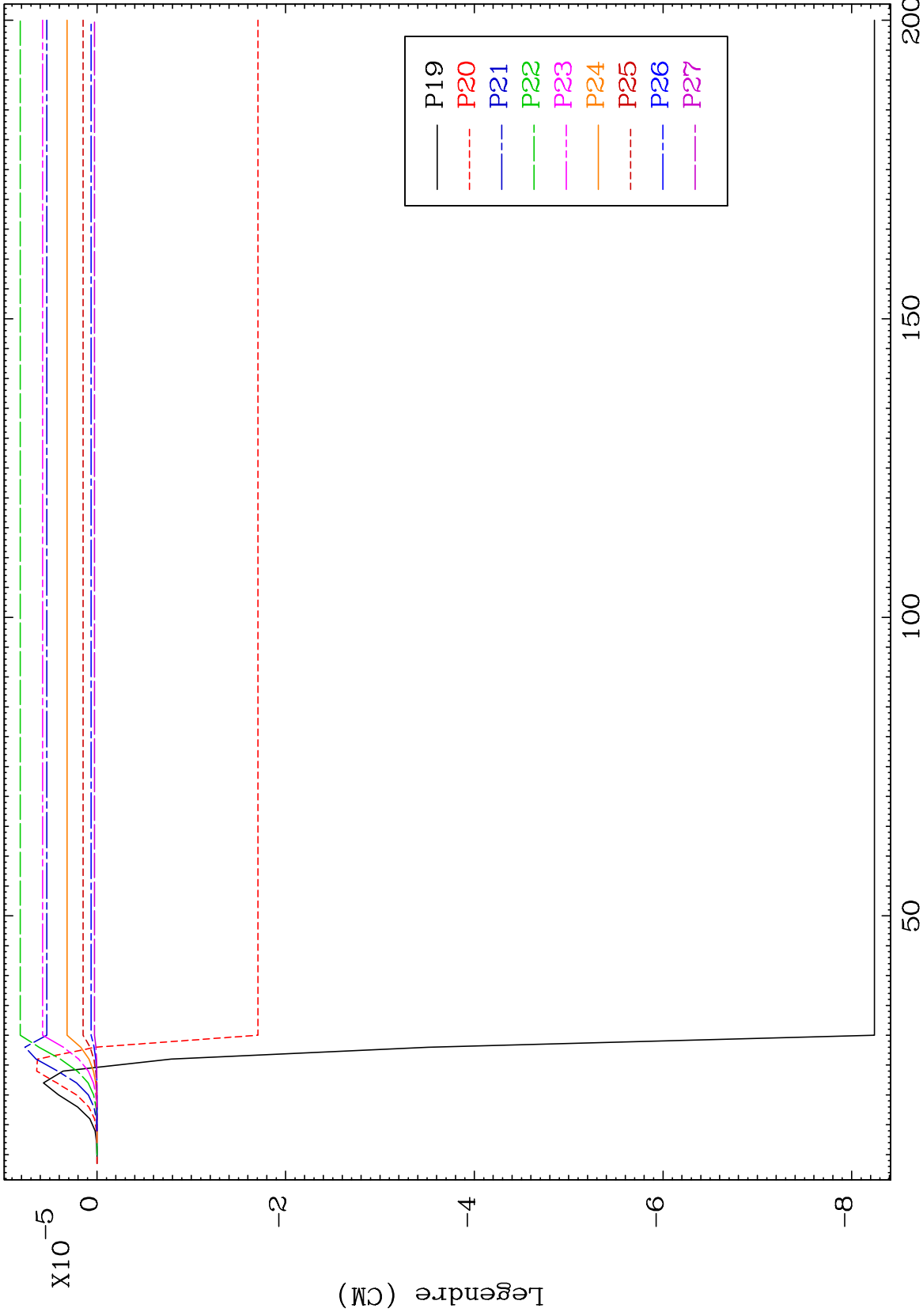
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



42-Mo-100

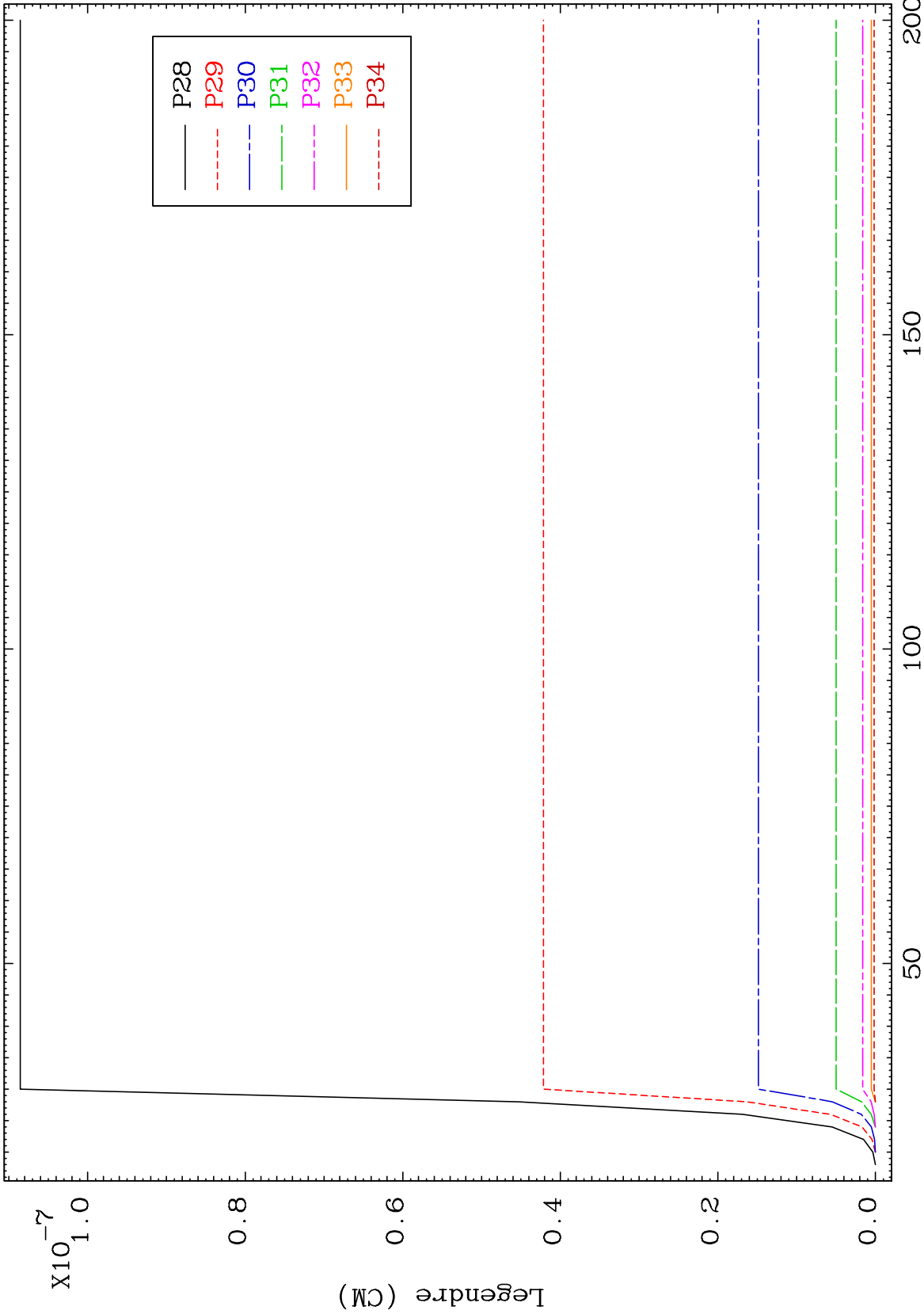
Incident Energy (MeV)

55

MAT 4249

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

42-Mo-100



56

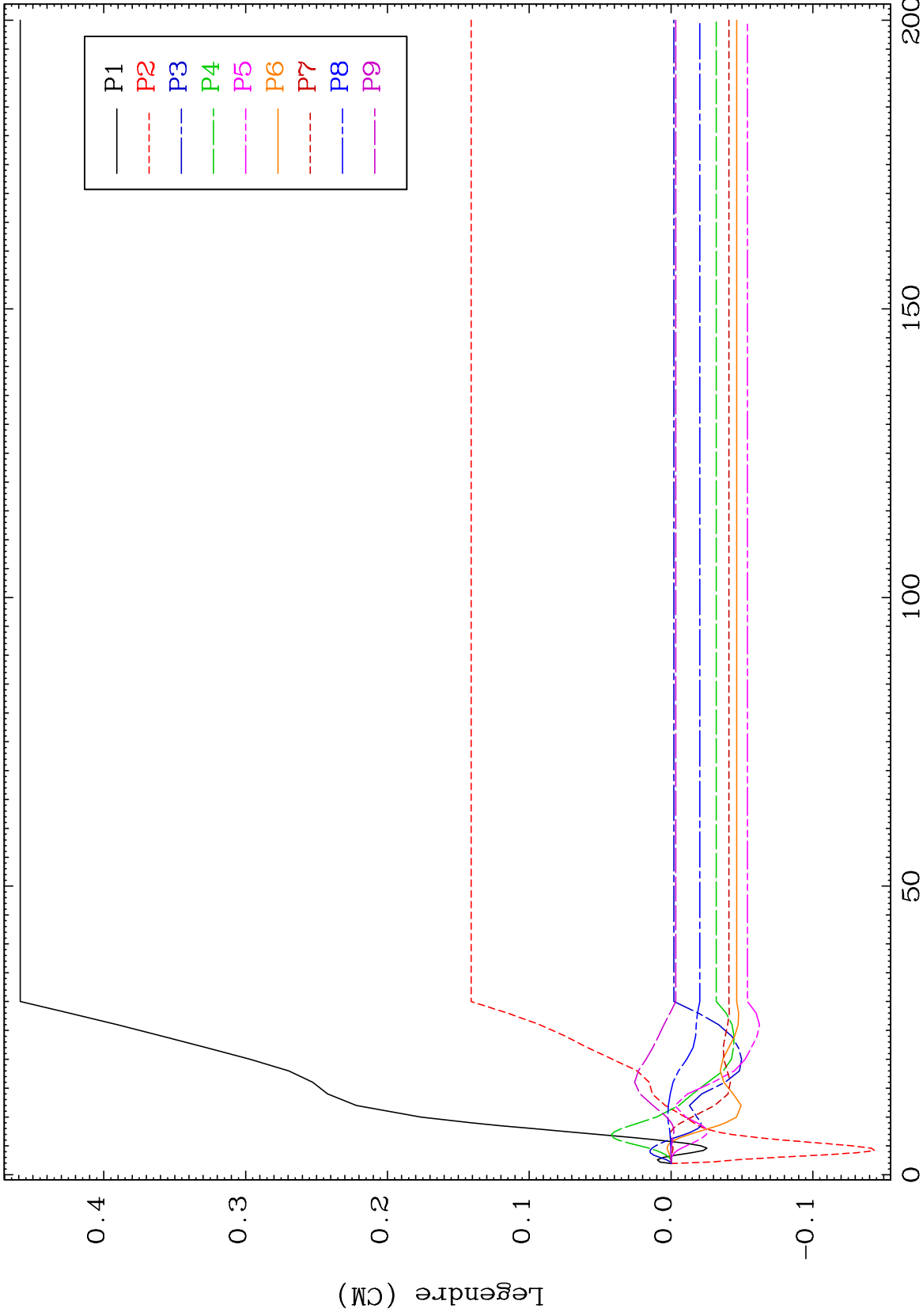
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



57

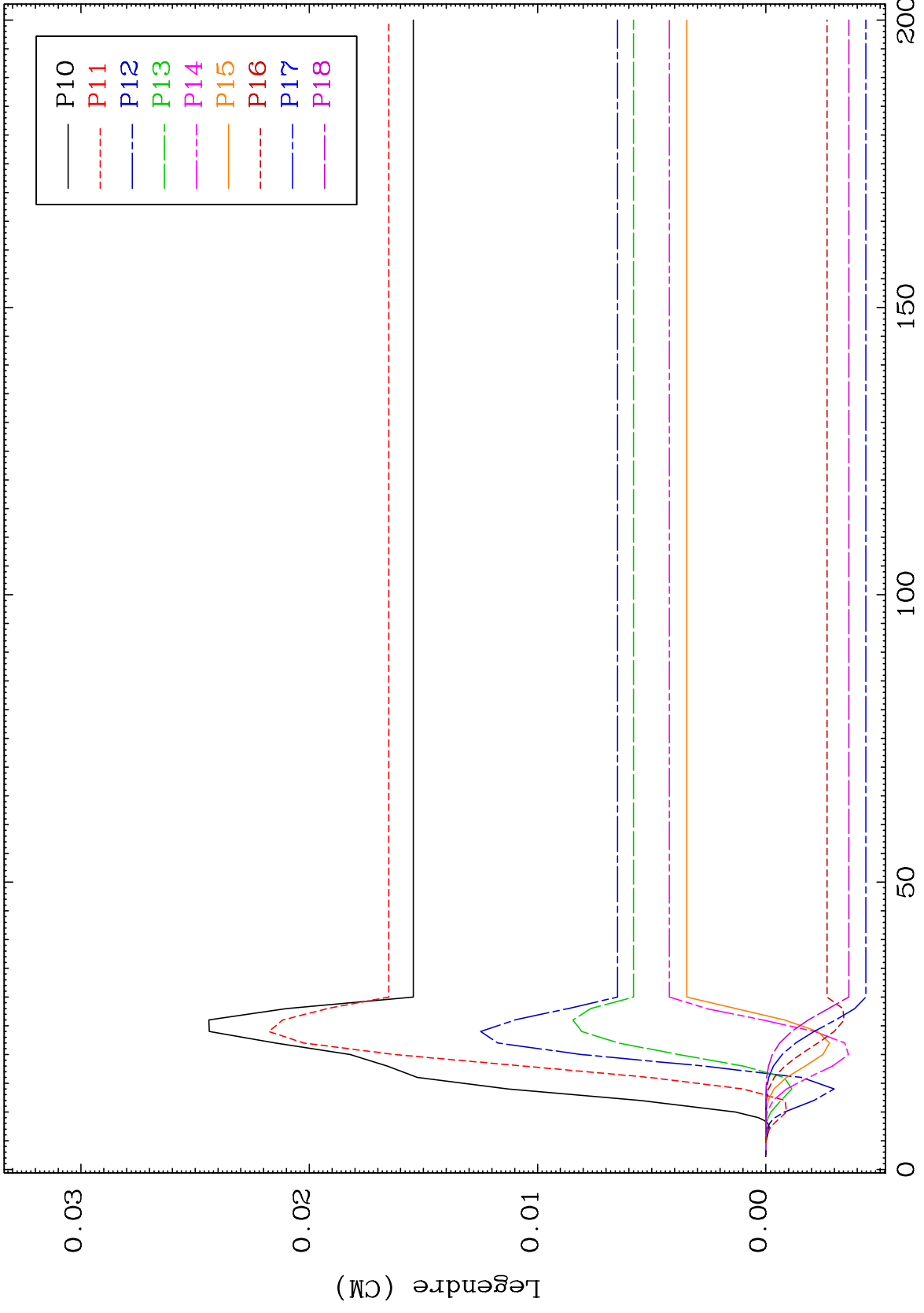
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



58

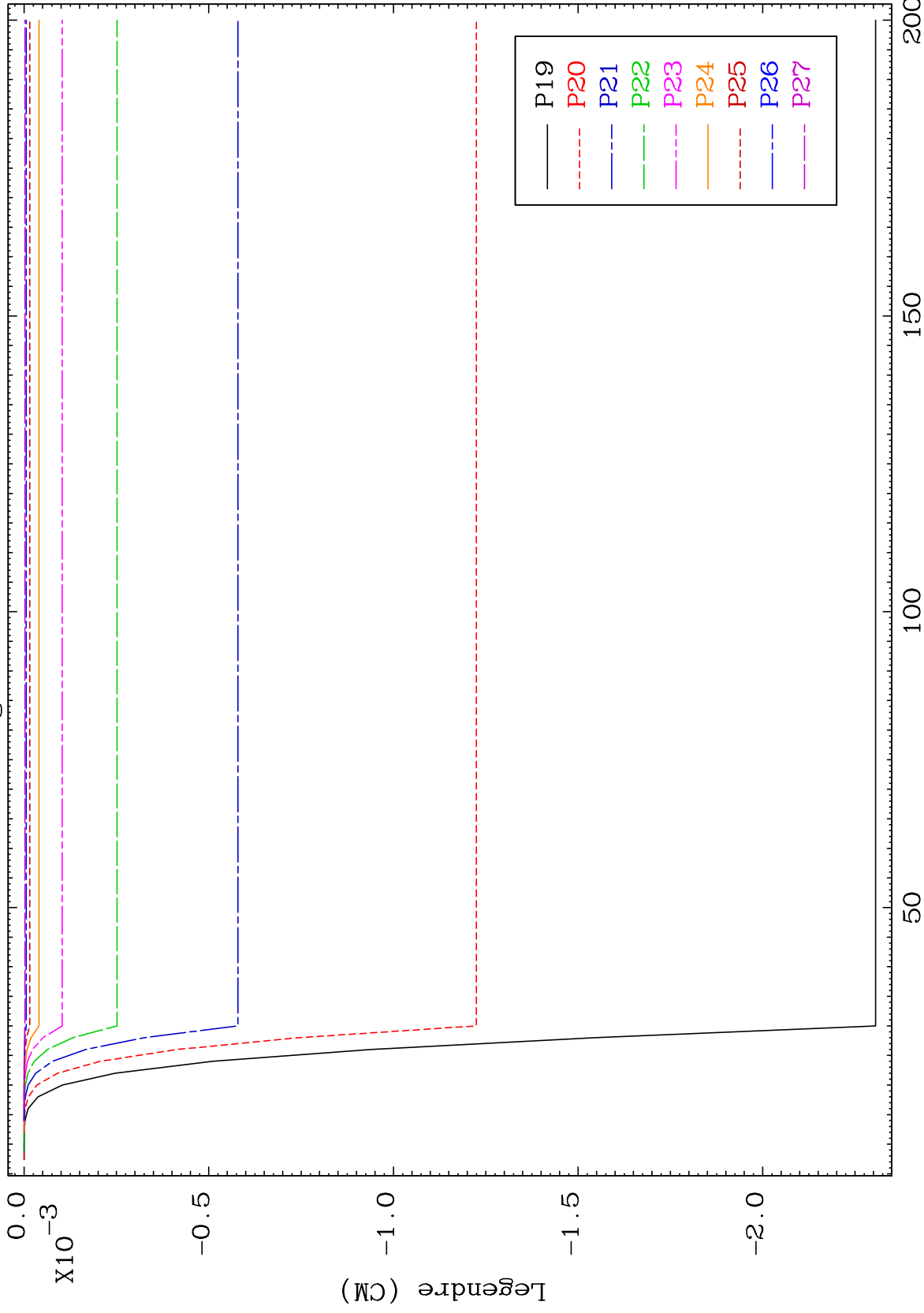
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



42-Mo-100

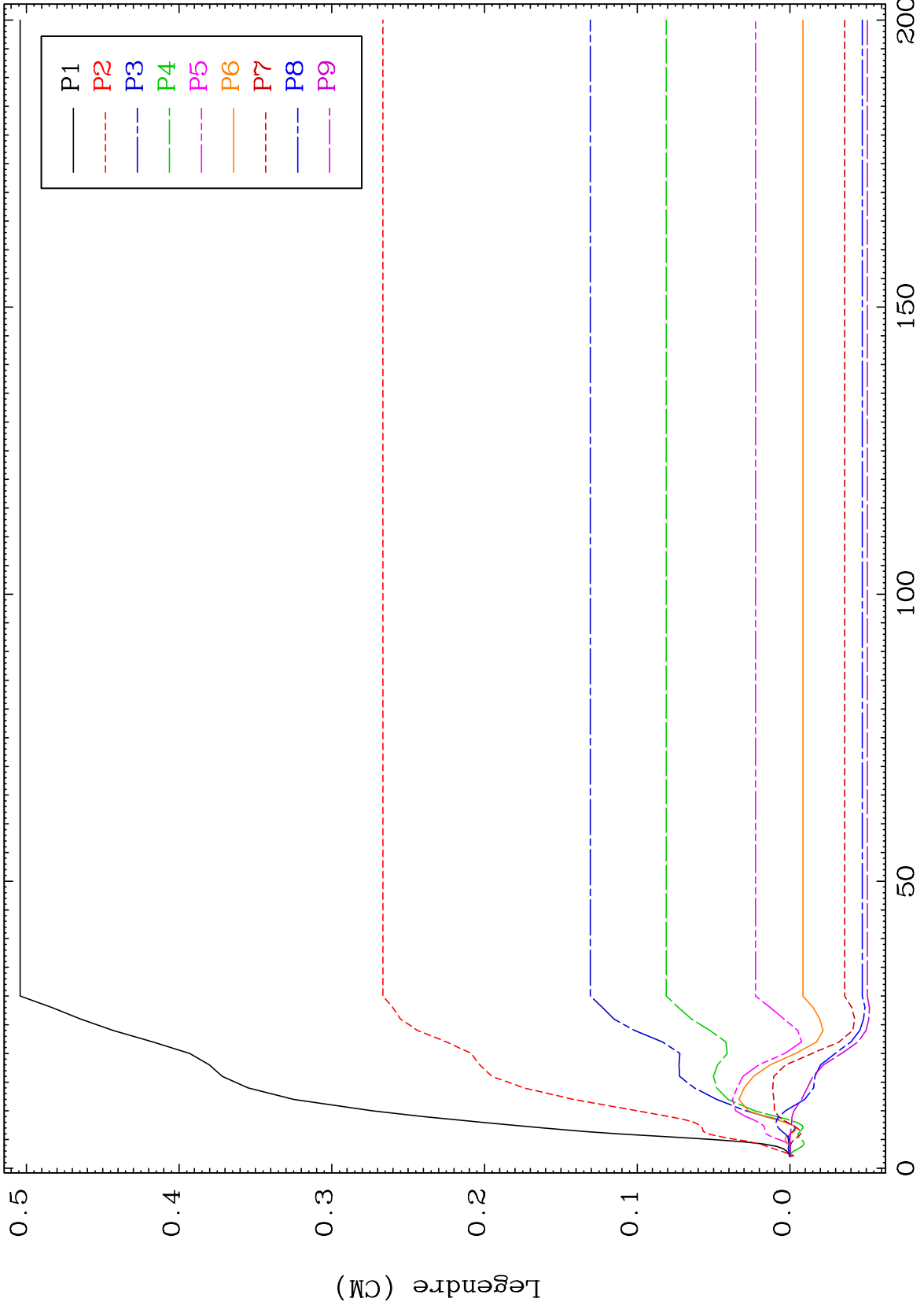
Incident Energy (MeV)

59

MAT 4249

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

42-Mo-100



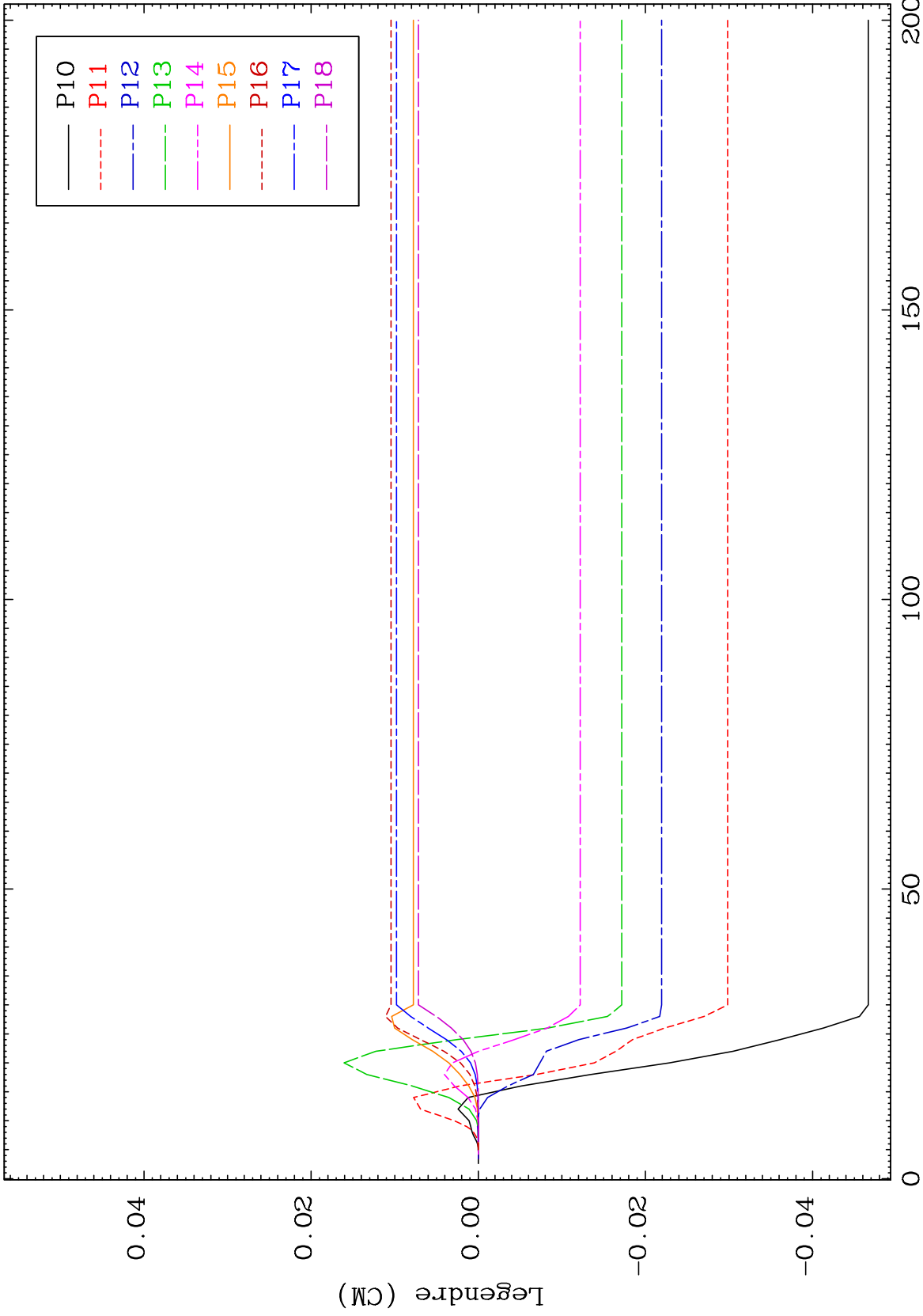
61

42-Mo-100

MAT 4249

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

42-Mo-100

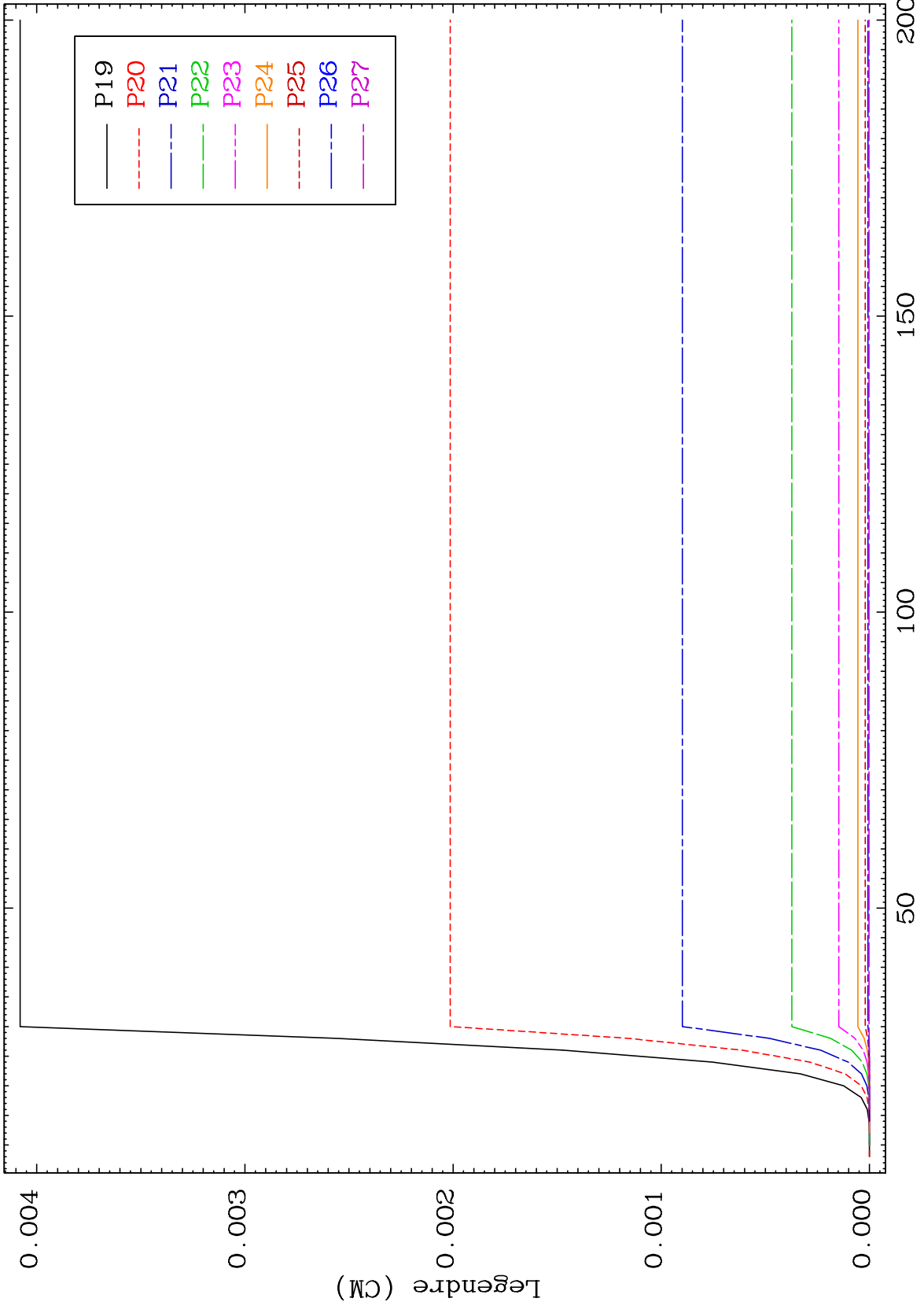


62

Incident Energy (MeV)

42-Mo-100

MAT 4249 MT= 62 (n,n') Level Legendre Coefficients 42-Mo-100

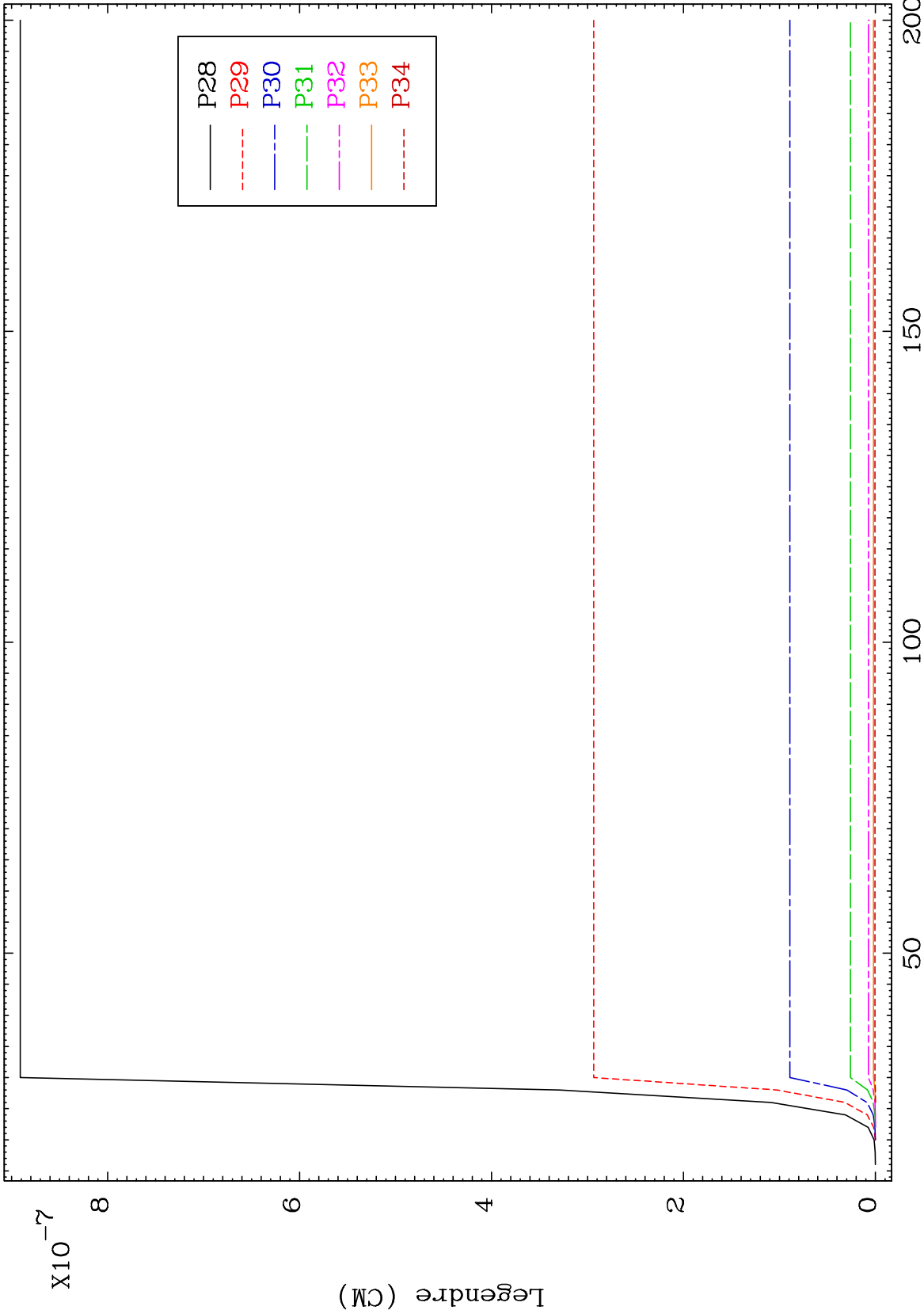


63 42-Mo-100

MAT 4249

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

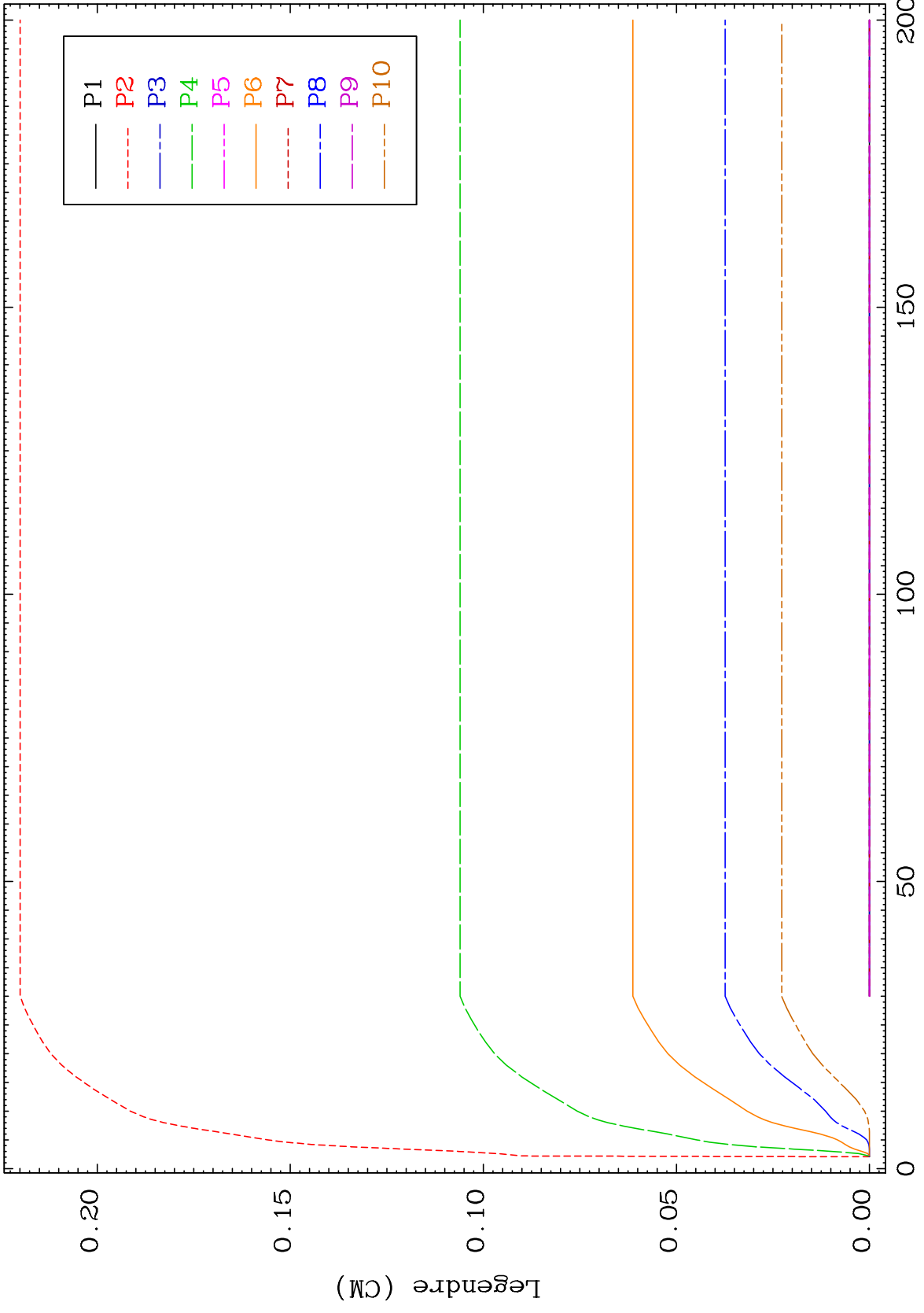
42-Mo-100



64

42-Mo-100

MAT 4249 MT= 63 (n,n') Level Legendre Coefficients 42-Mo-100

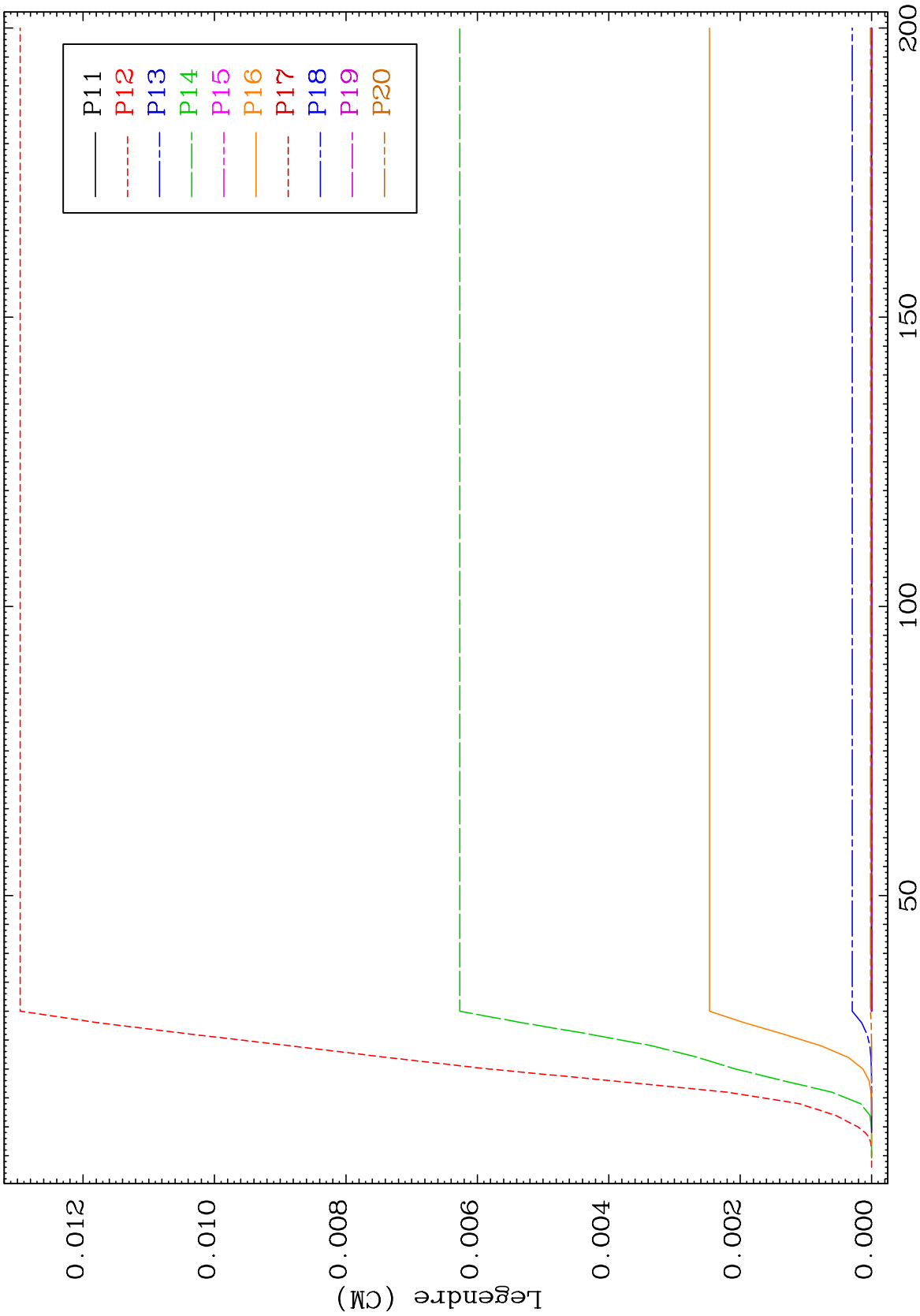


65 Incident Energy (MeV) 42-Mo-100

MAT 4249

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

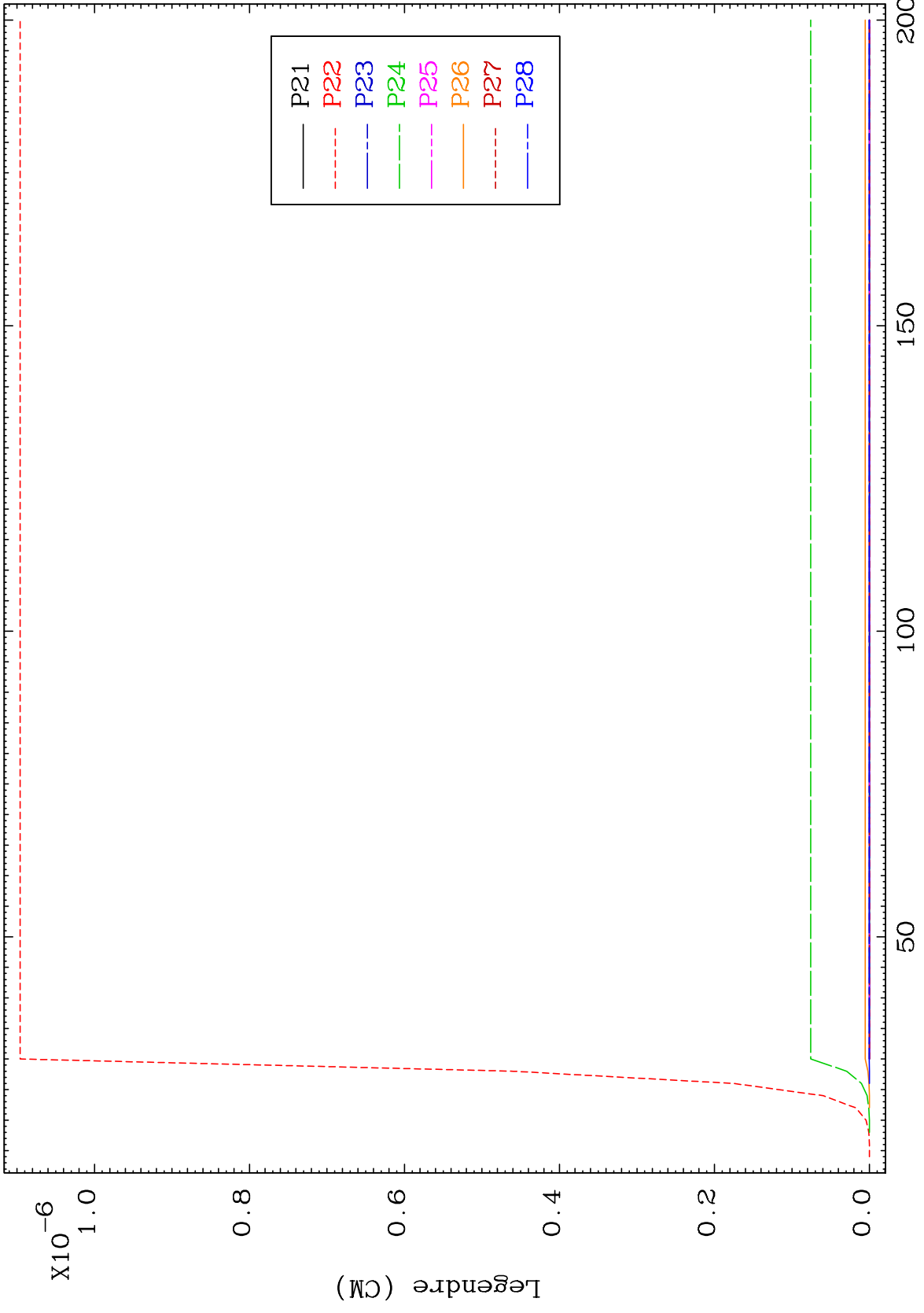
42-Mo-100



66

42-Mo-100

MAT 4249 MT= 63 (n,n') Level Legendre Coefficients 42-Mo-100

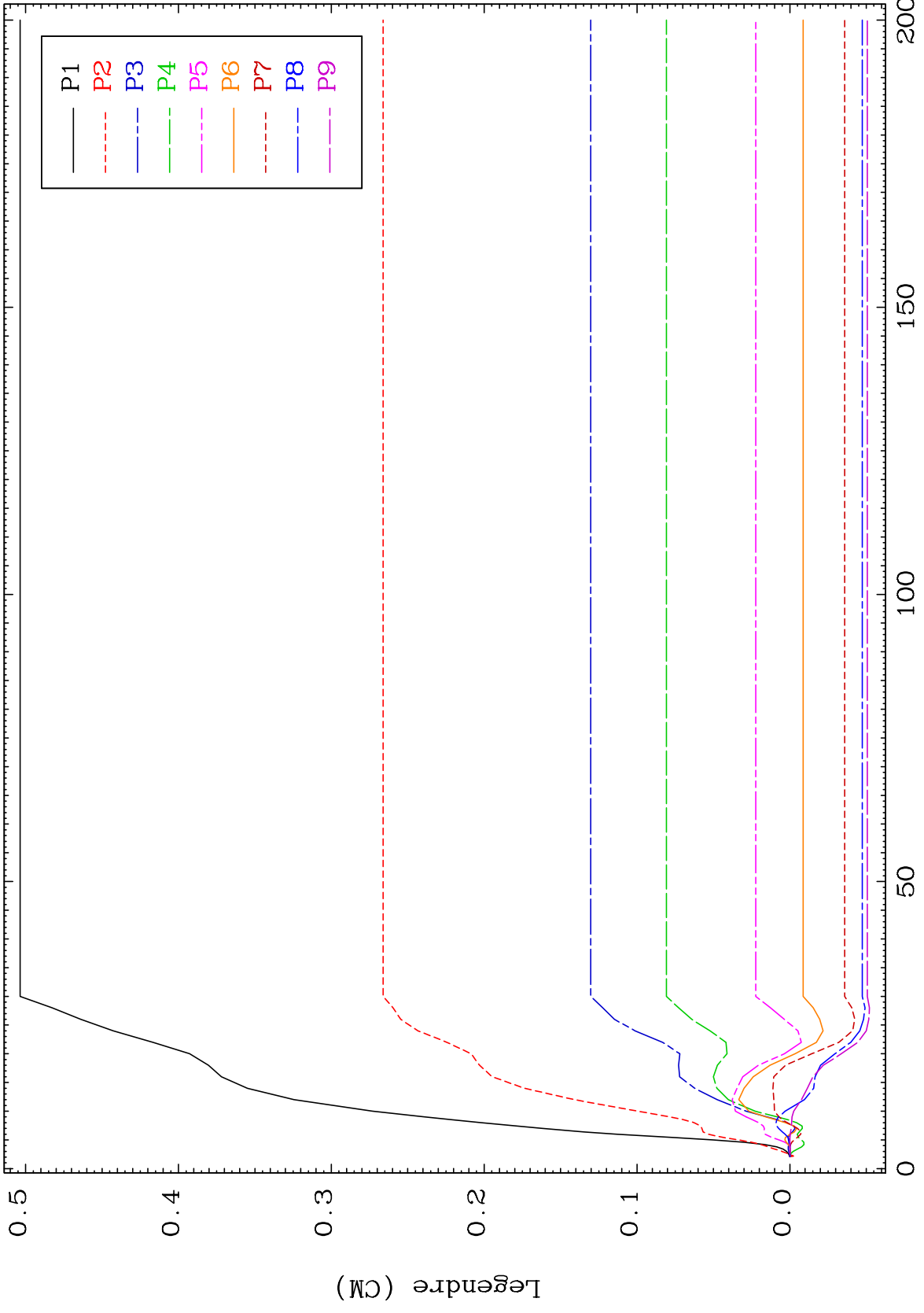


67 42-Mo-100

MAT 4249

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

42-Mo-100



68

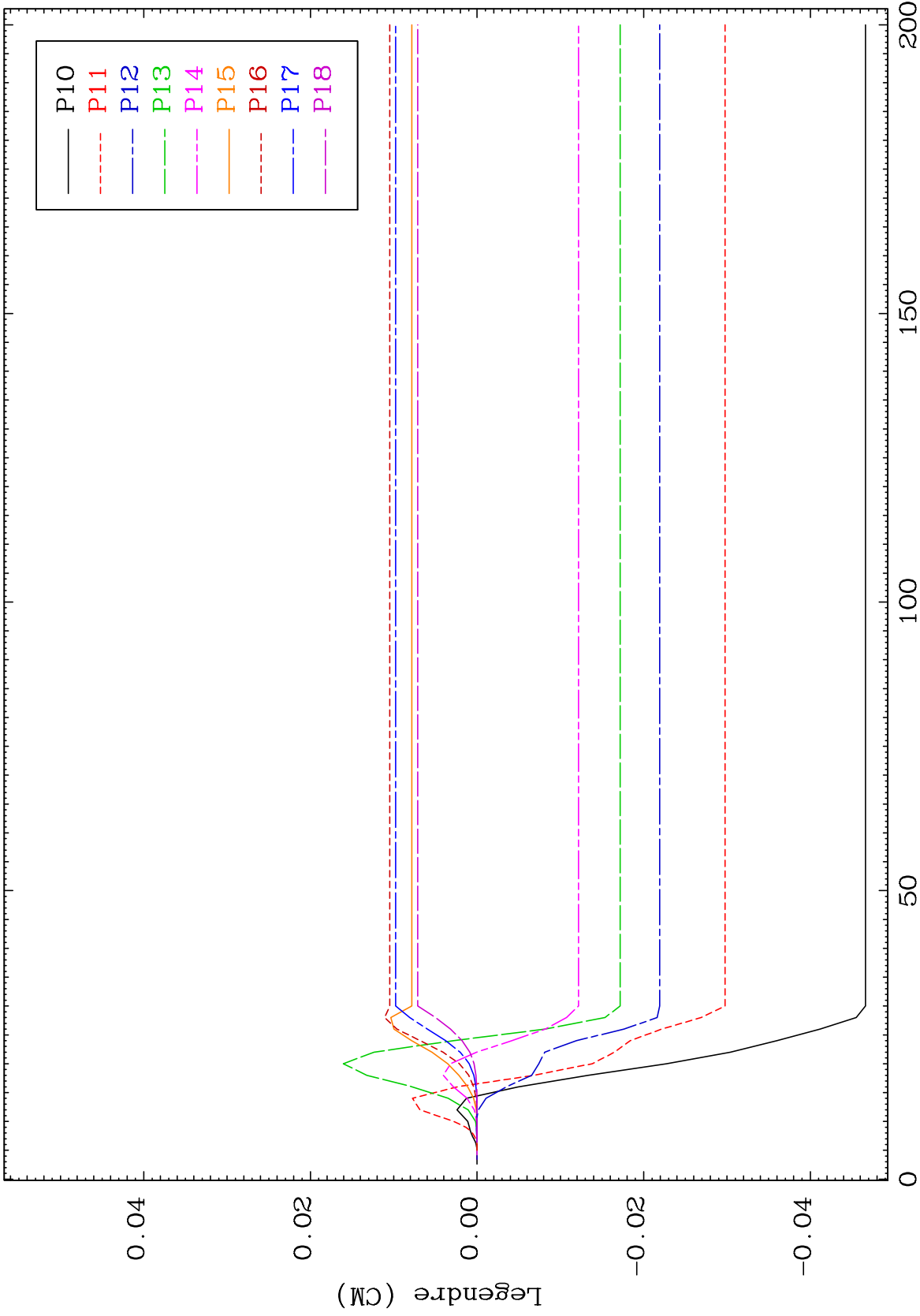
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100

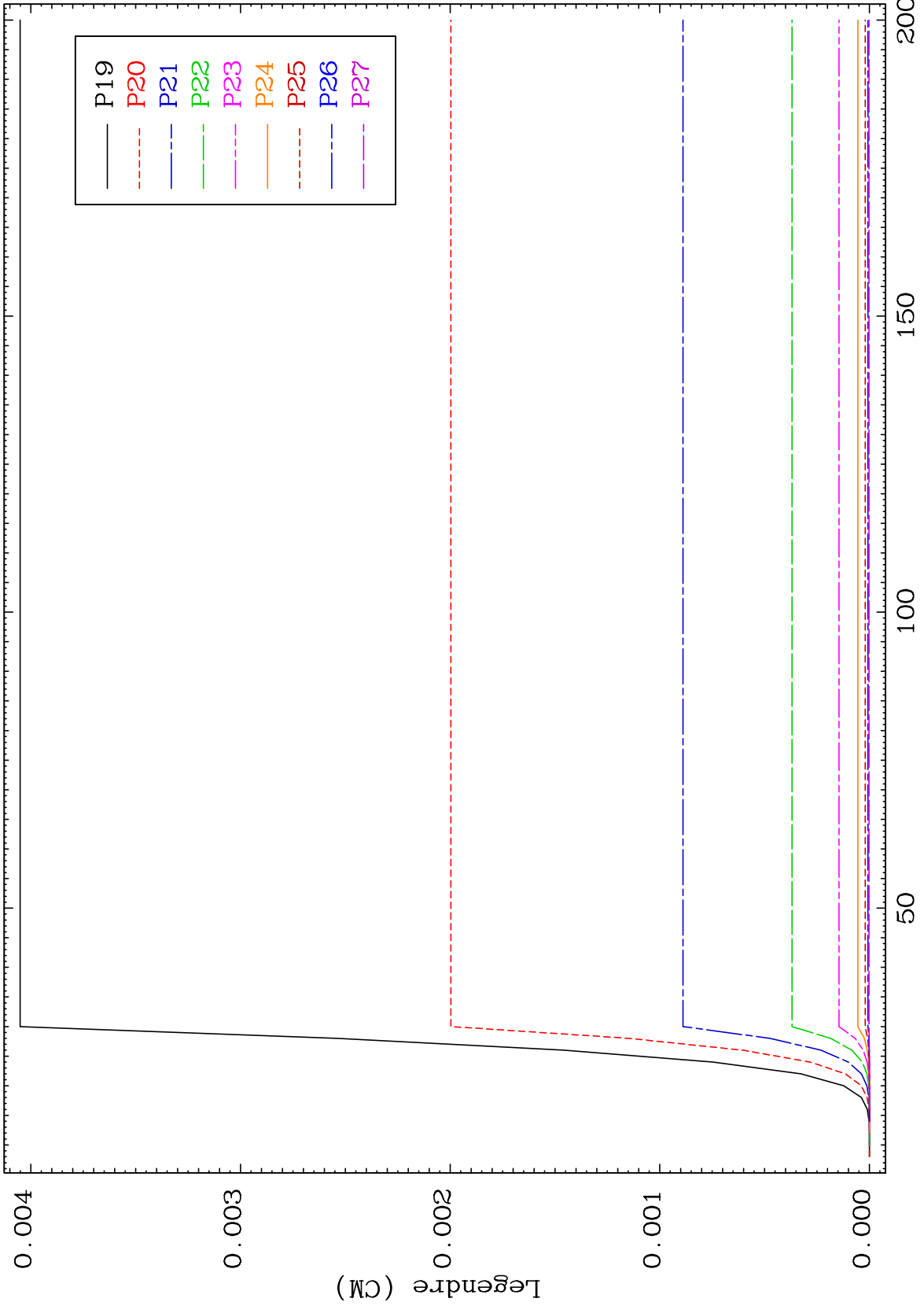


69

Incident Energy (MeV)

42-Mo-100

MAT 4249 MT= 64 (n,n') Level Legendre Coefficients 42-Mo-100

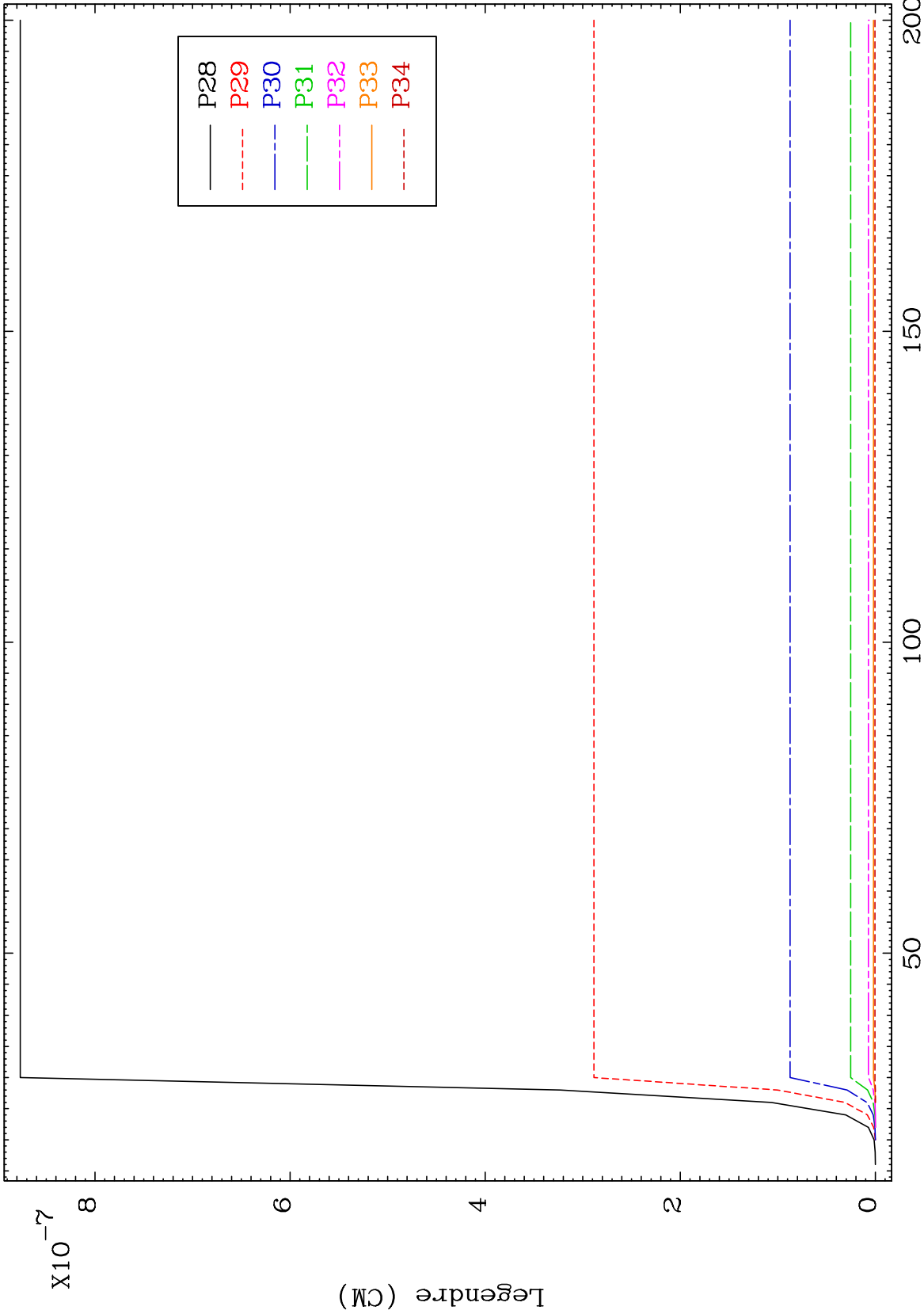


70 Incident Energy (MeV) 42-Mo-100

MAT 4249

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

42-Mo-100



71

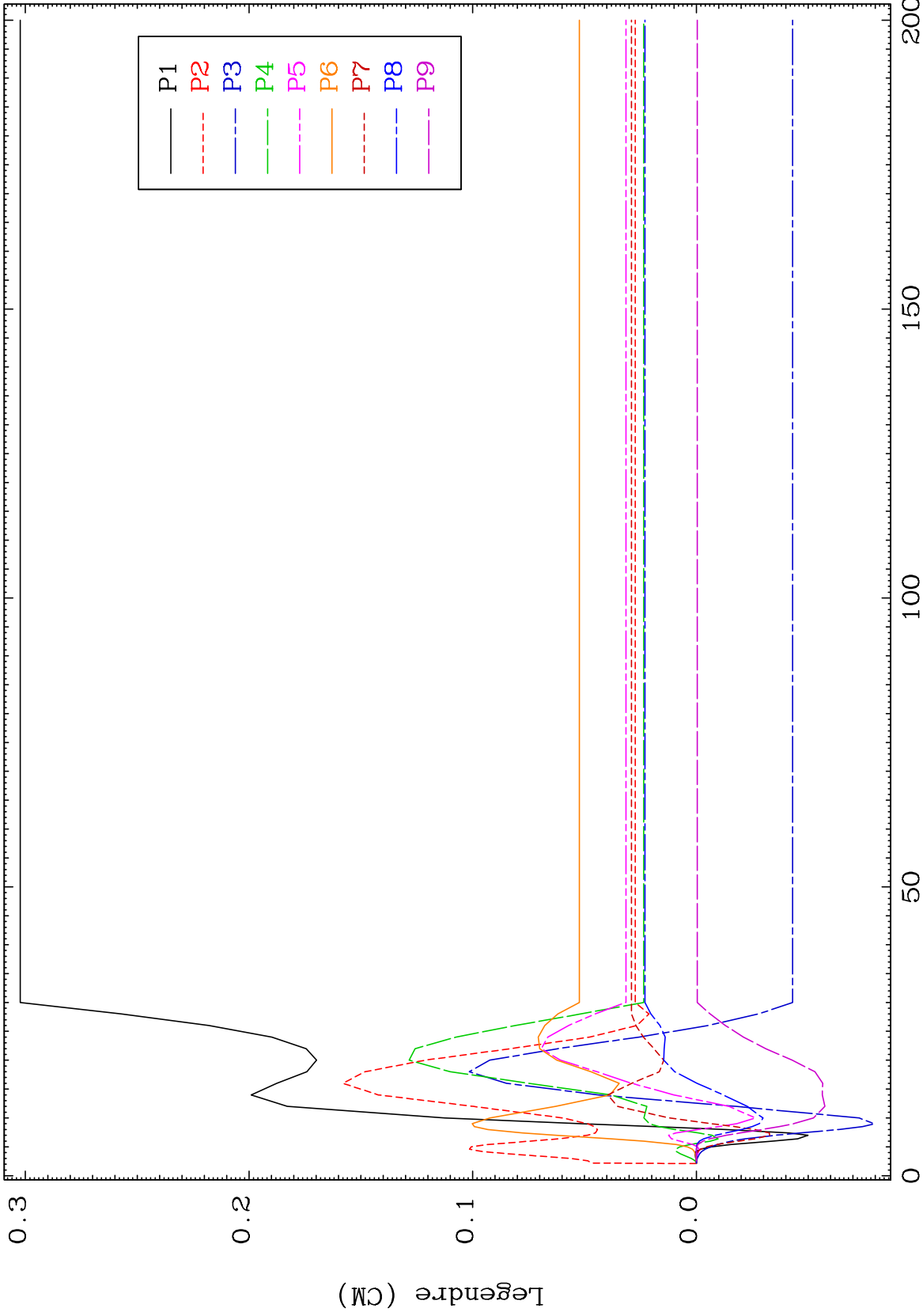
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100



72

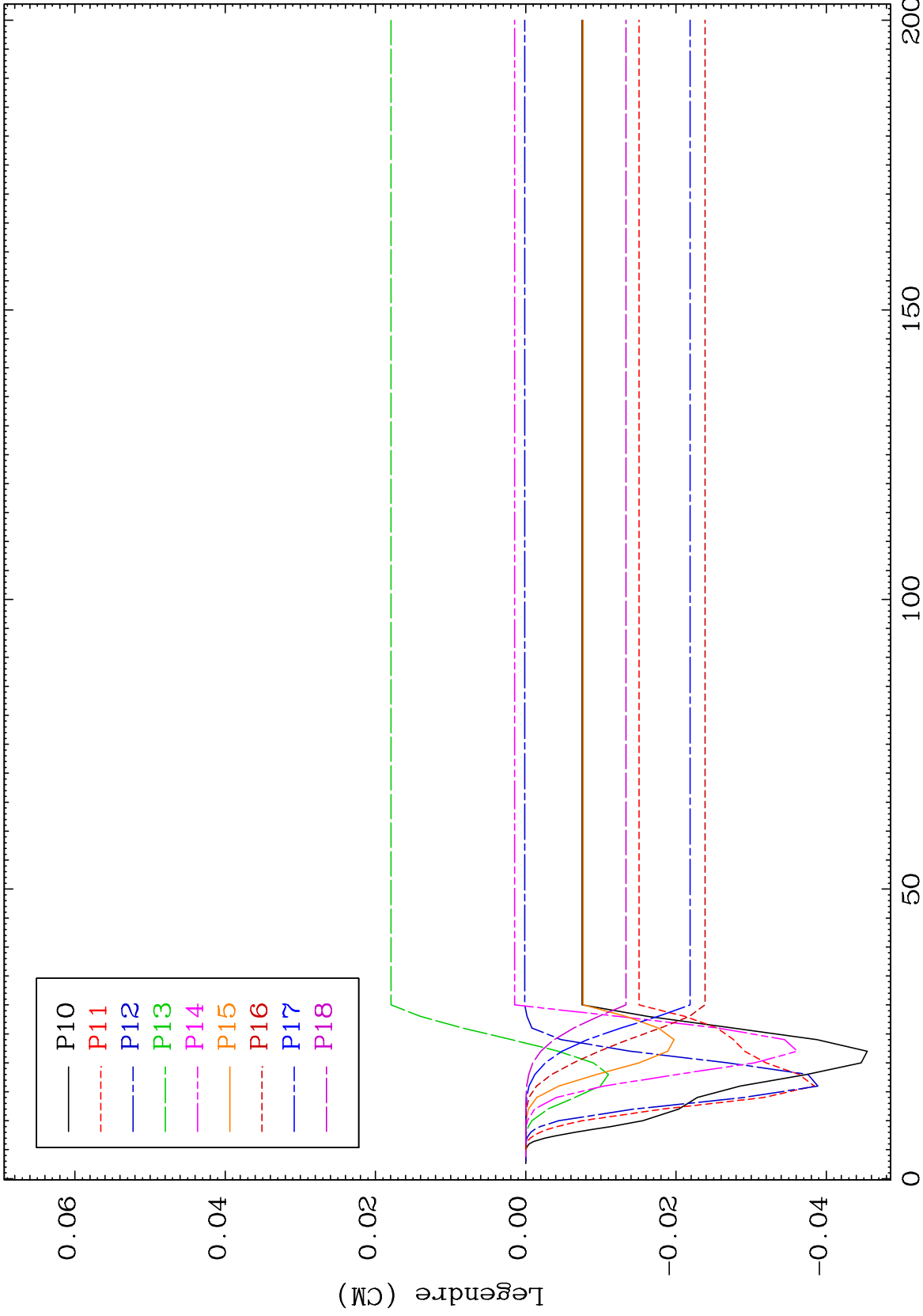
Incident Energy (MeV)

42-Mo-100

MAT 4249

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

42-Mo-100

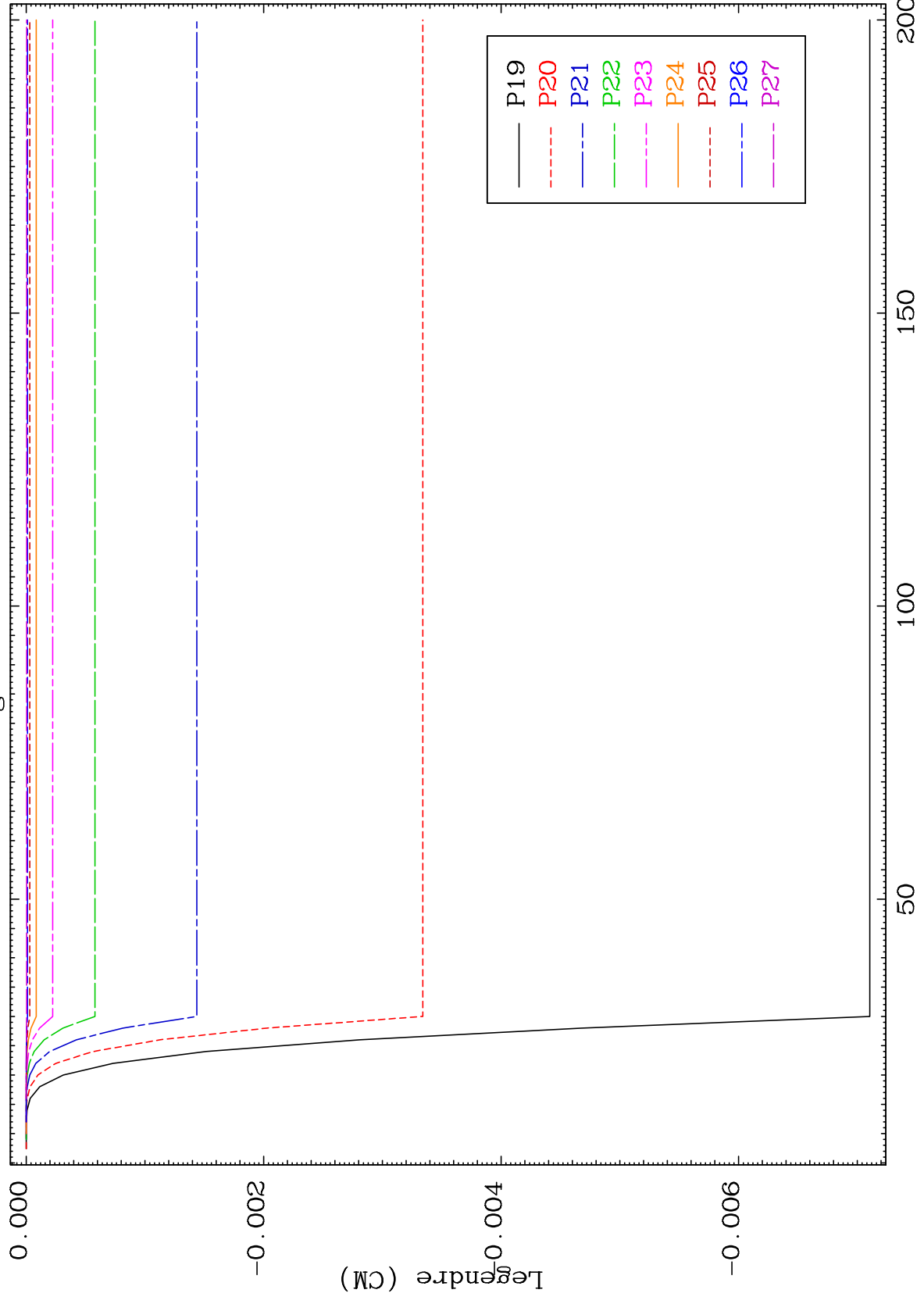


73

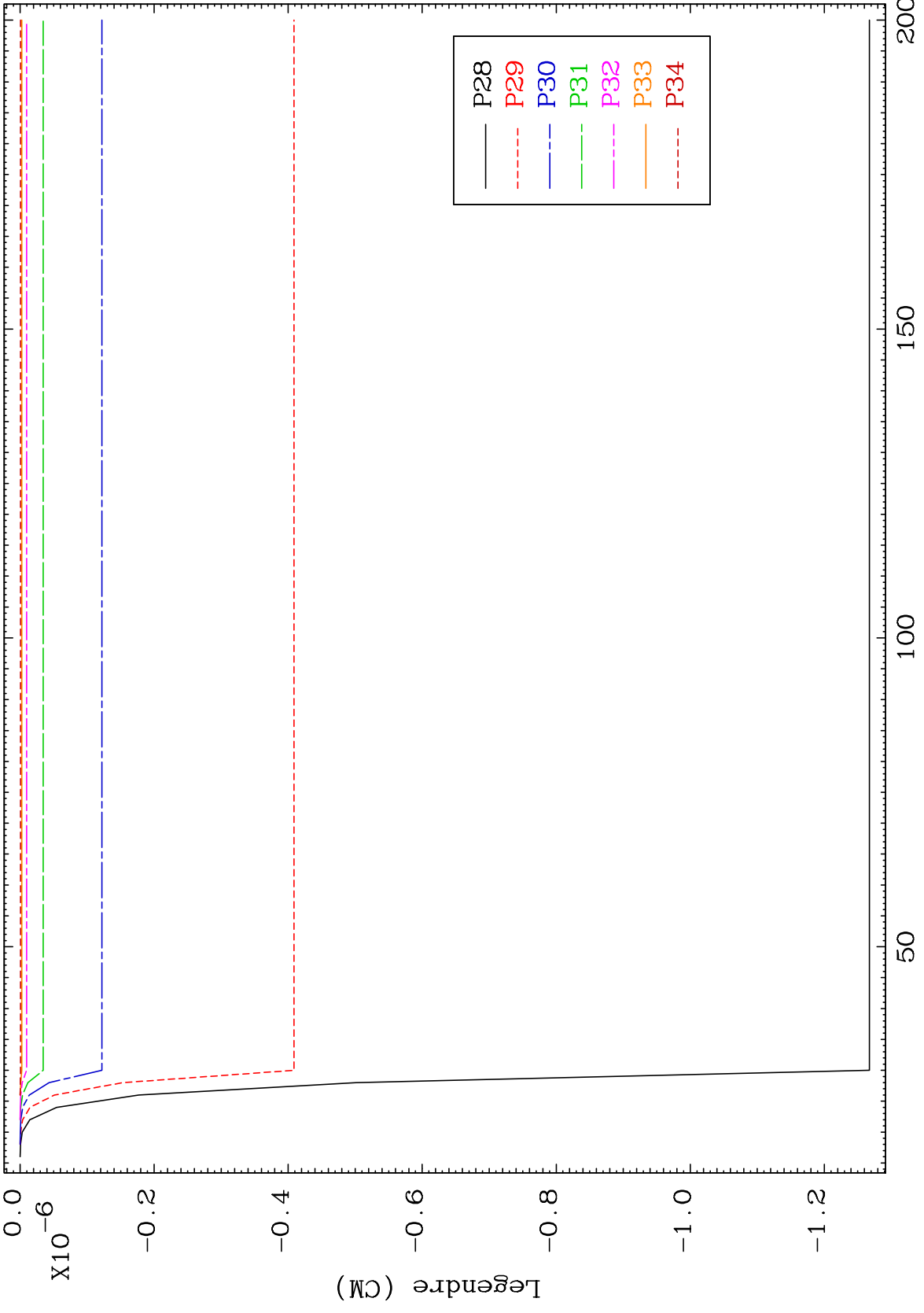
Incident Energy (MeV)

42-Mo-100

MAT 4249 MT= 65 (n,n') Level Legendre Coefficients 42-Mo-100



MAT 4249 MT= 65 (n,n') Level Legendre Coefficients 42-Mo-100



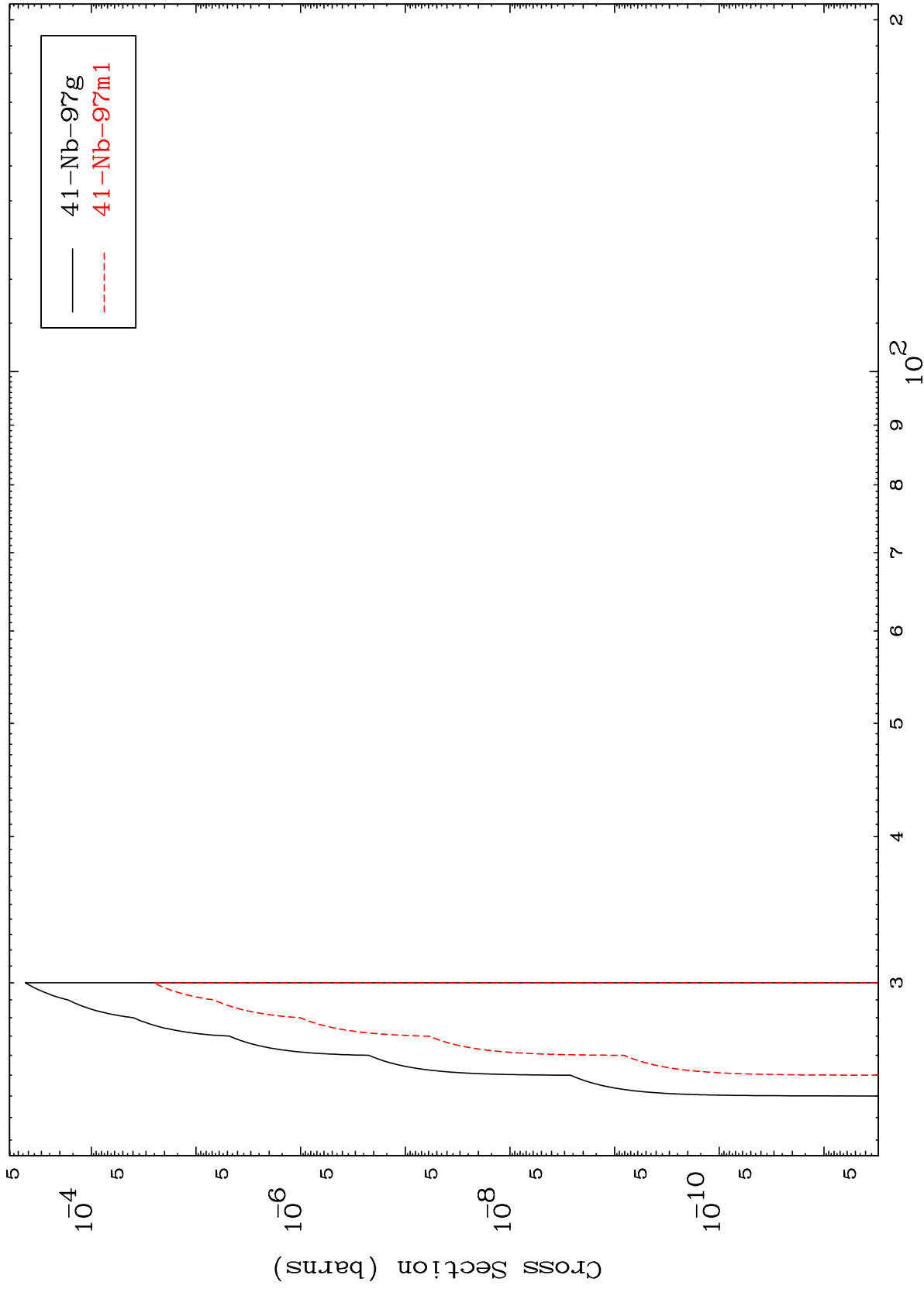
75 Incident Energy (MeV) 42-Mo-100

MAT 4249

(n,2n) d

42-Mo-100

Radionuclide Production Cross Section



76

Incident Energy (MeV)

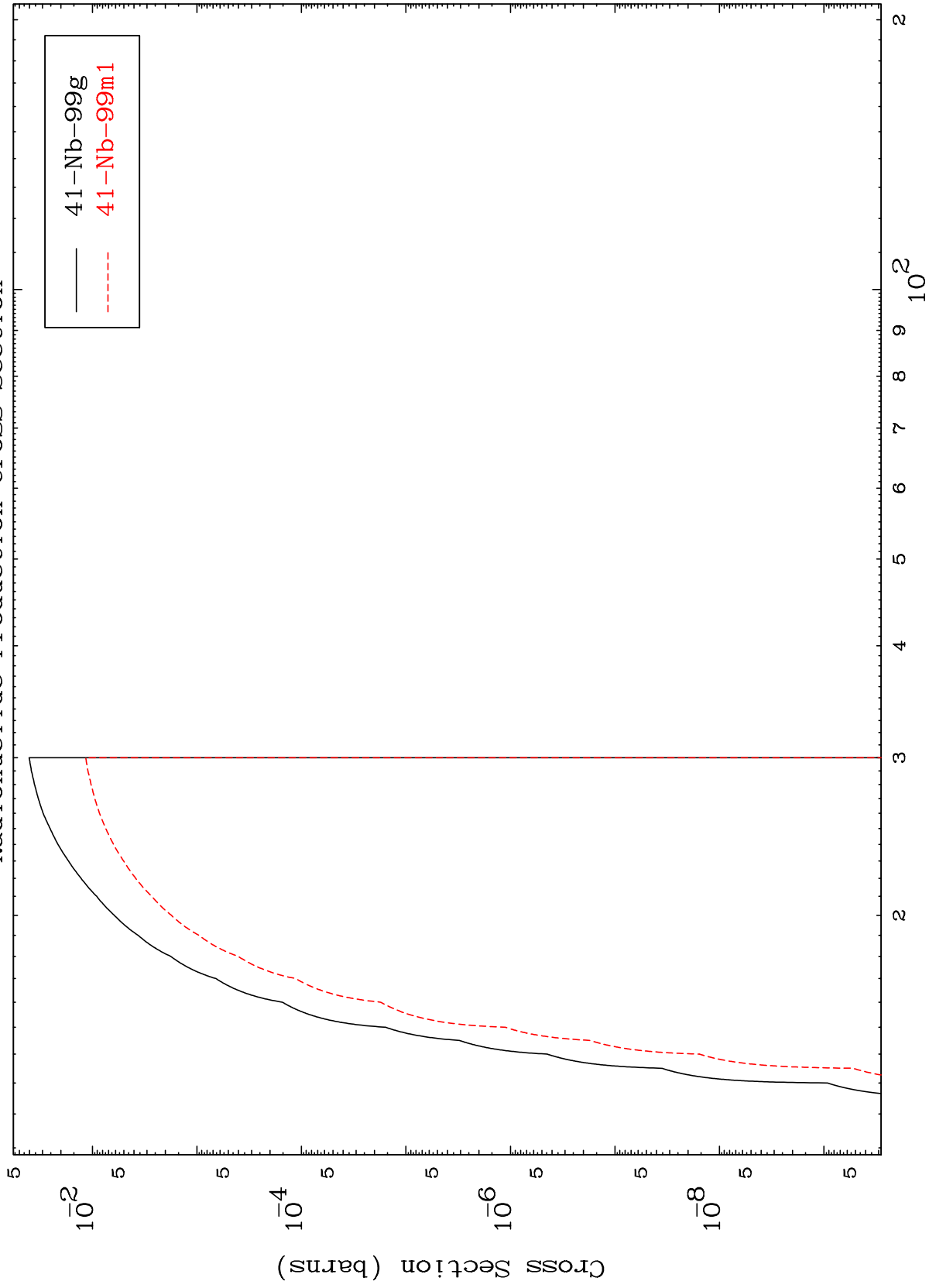
42-Mo-100

MAT 4249

(n,n') p

42-Mo-100

Radionuclide Production Cross Section



77

Incident Energy (MeV)

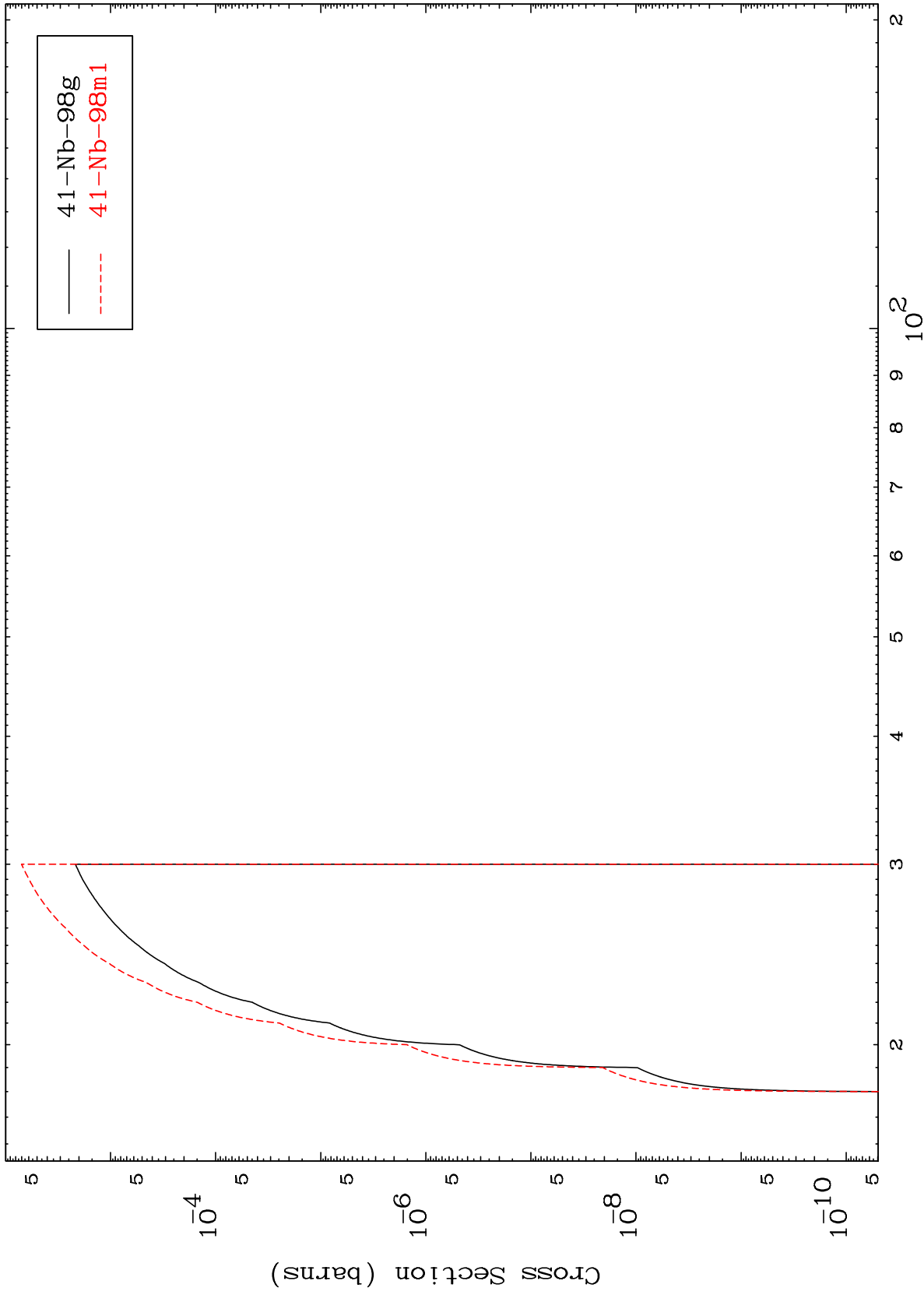
42-Mo-100

MAT 4249

(n,n') d

42-Mo-100

Radionuclide Production Cross Section



78

Incident Energy (MeV)

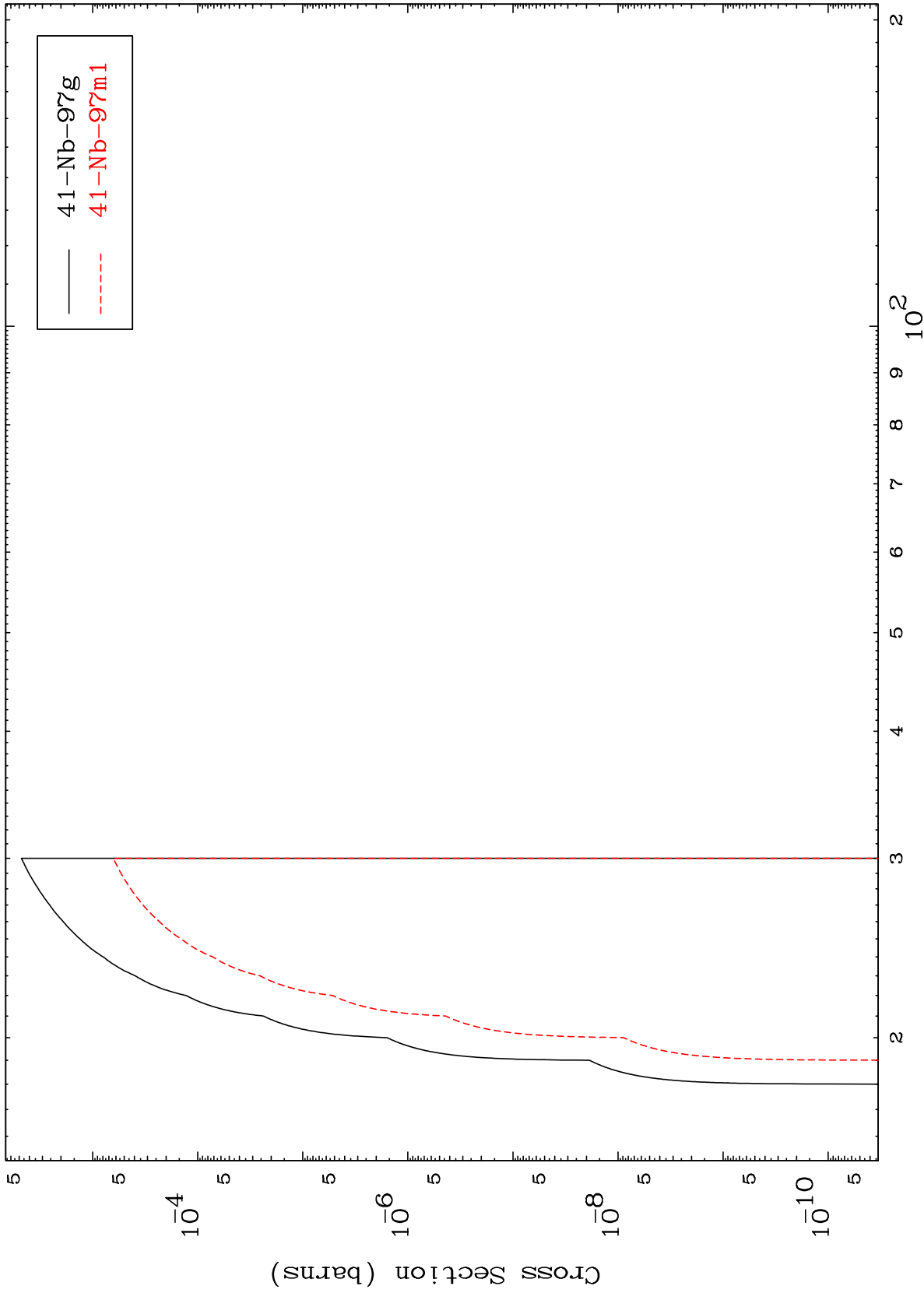
42-Mo-100

MAT 4249

(n,n') t

42-Mo-100

Radionuclide Production Cross Section



79

Incident Energy (MeV)

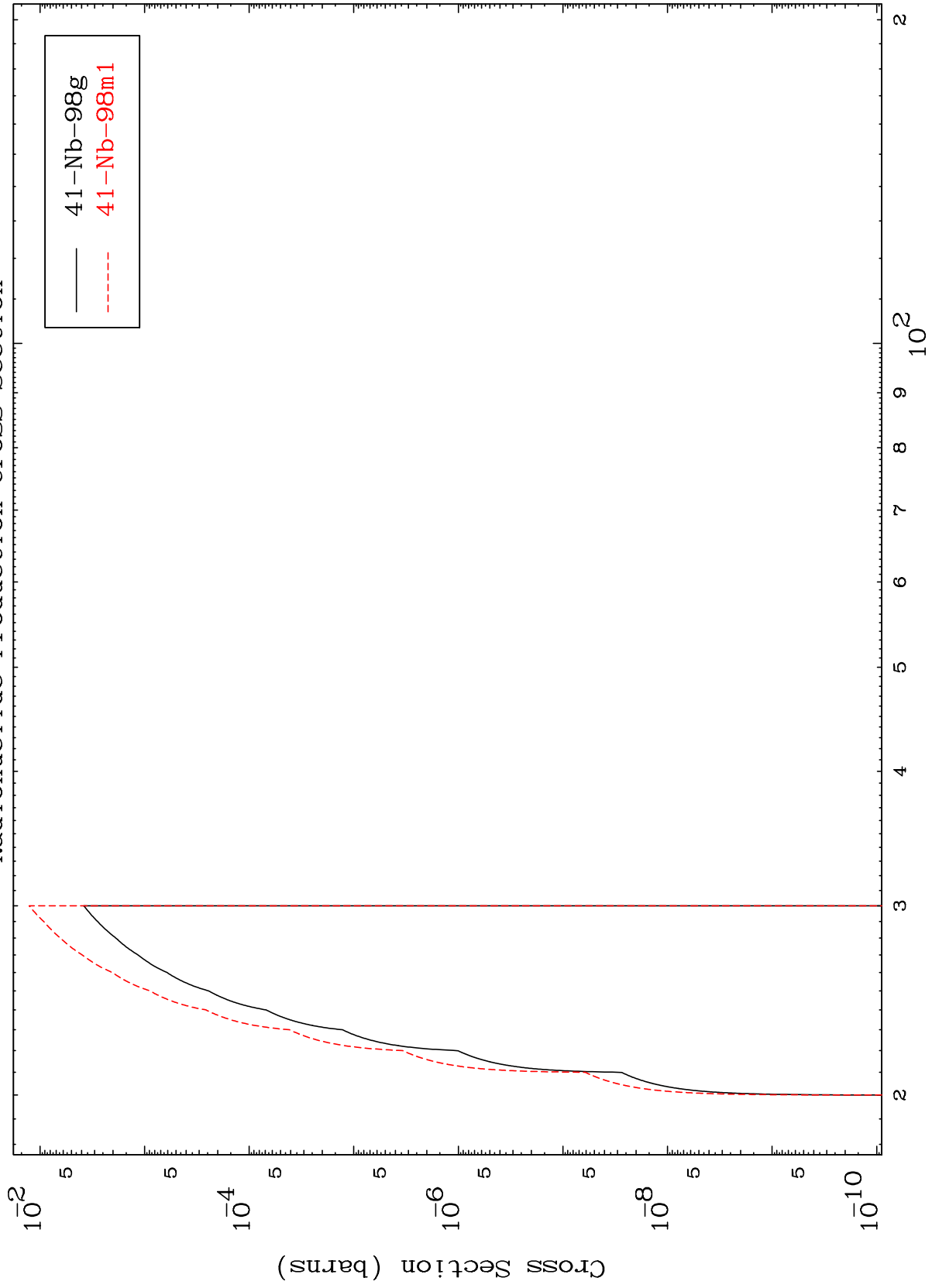
42-Mo-100

MAT 4249

(n,2n) p

42-Mo-100

Radionuclide Production Cross Section



80

Incident Energy (MeV)

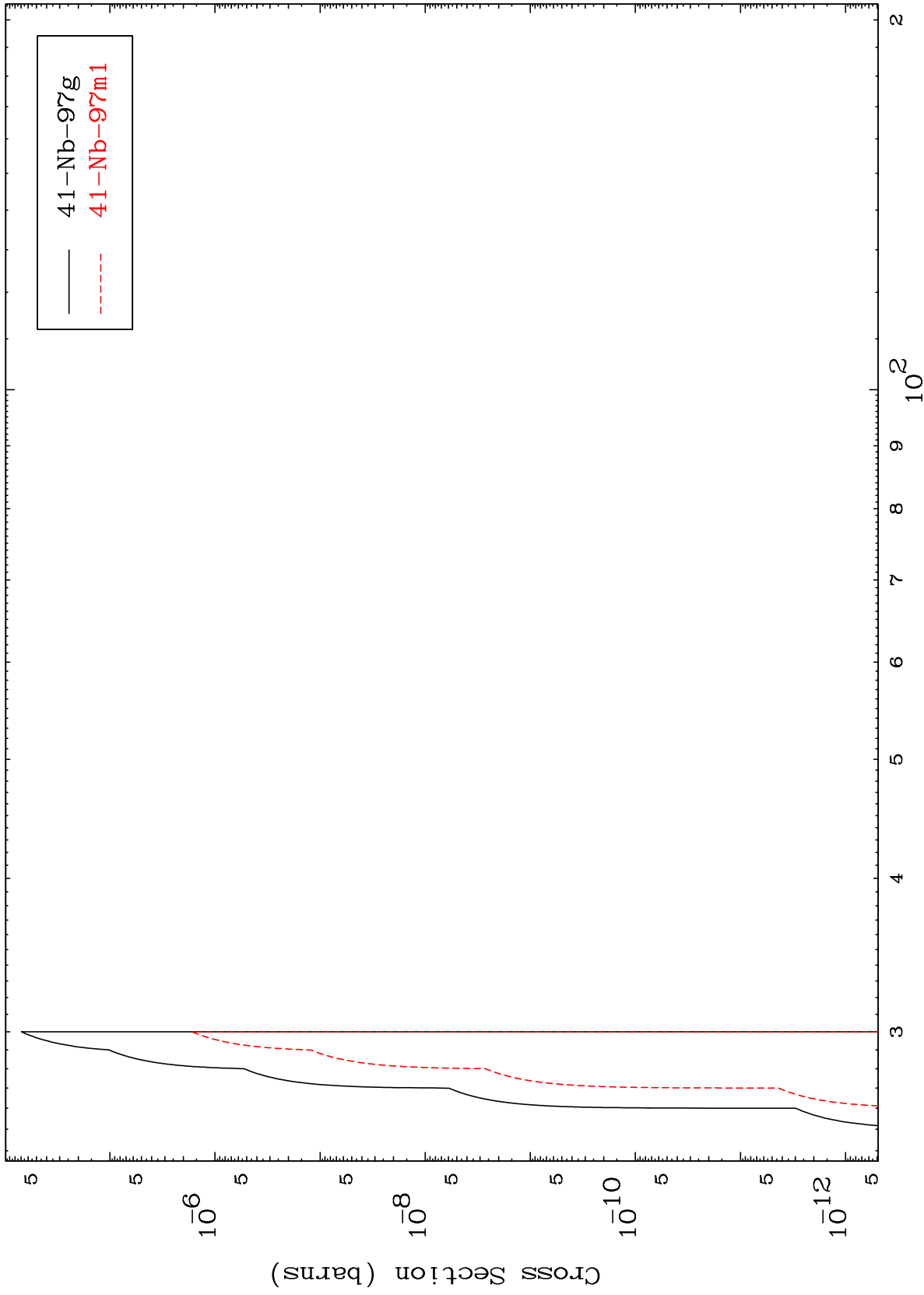
42-Mo-100

MAT 4249

(n,3n) p

42-Mo-100

Radionuclide Production Cross Section



81

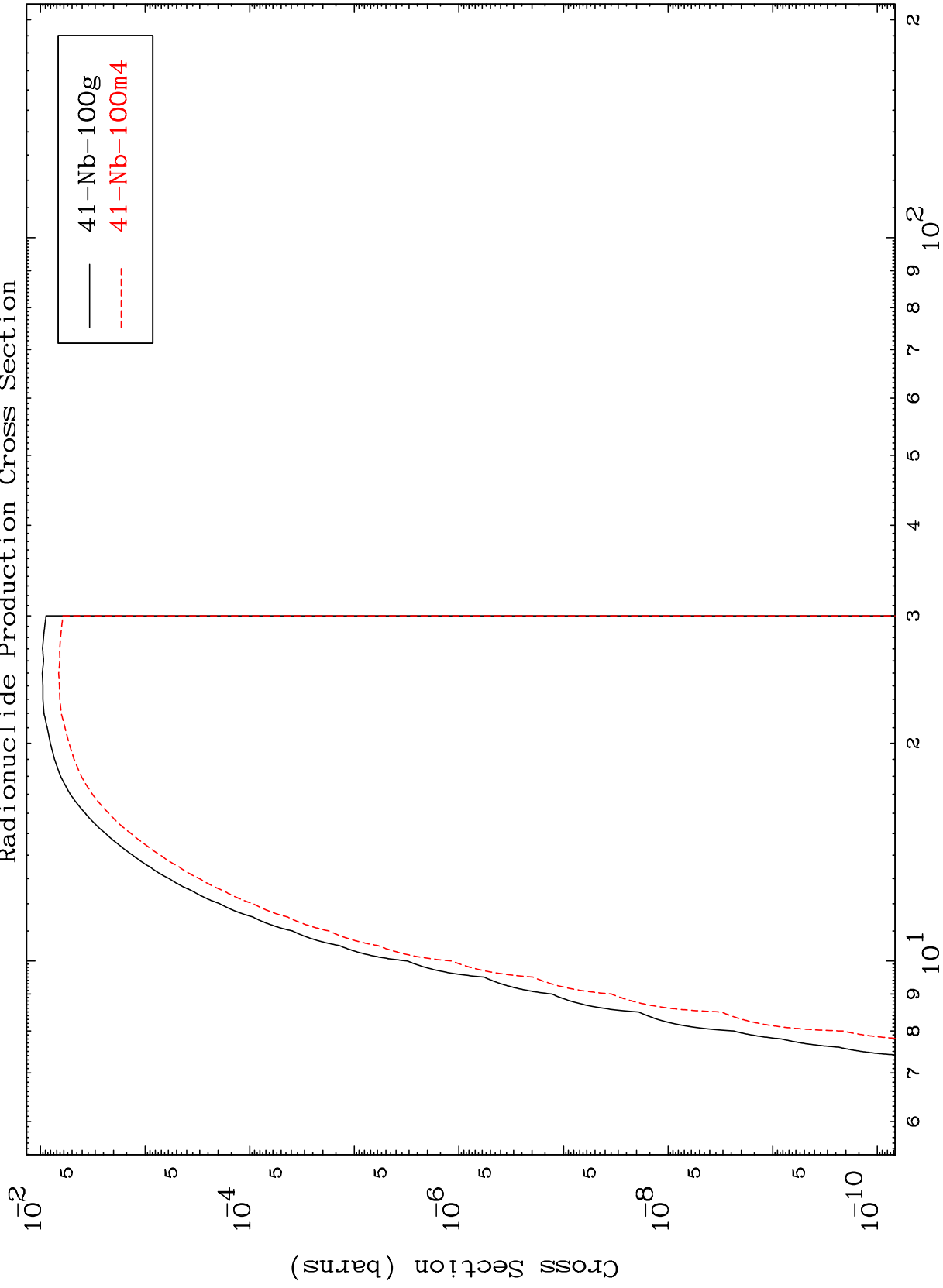
Incident Energy (MeV)

42-Mo-100

MAT 4249

42-Mo-100

(n,p)
Radionuclide Production Cross Section



82

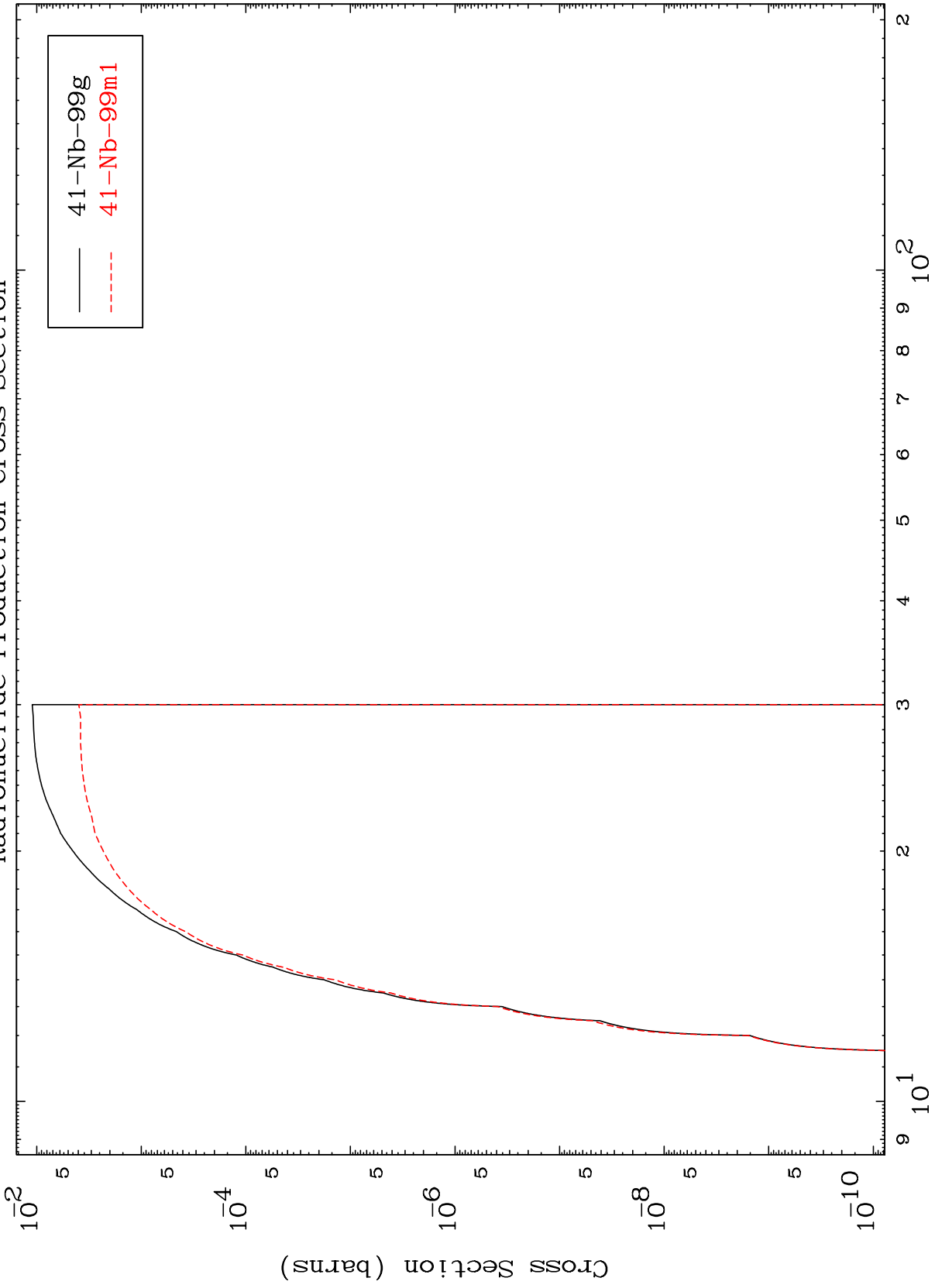
Incident Energy (MeV)

42-Mo-100

MAT 4249

42-Mo-100

(n,d)
Radionuclide Production Cross Section



83

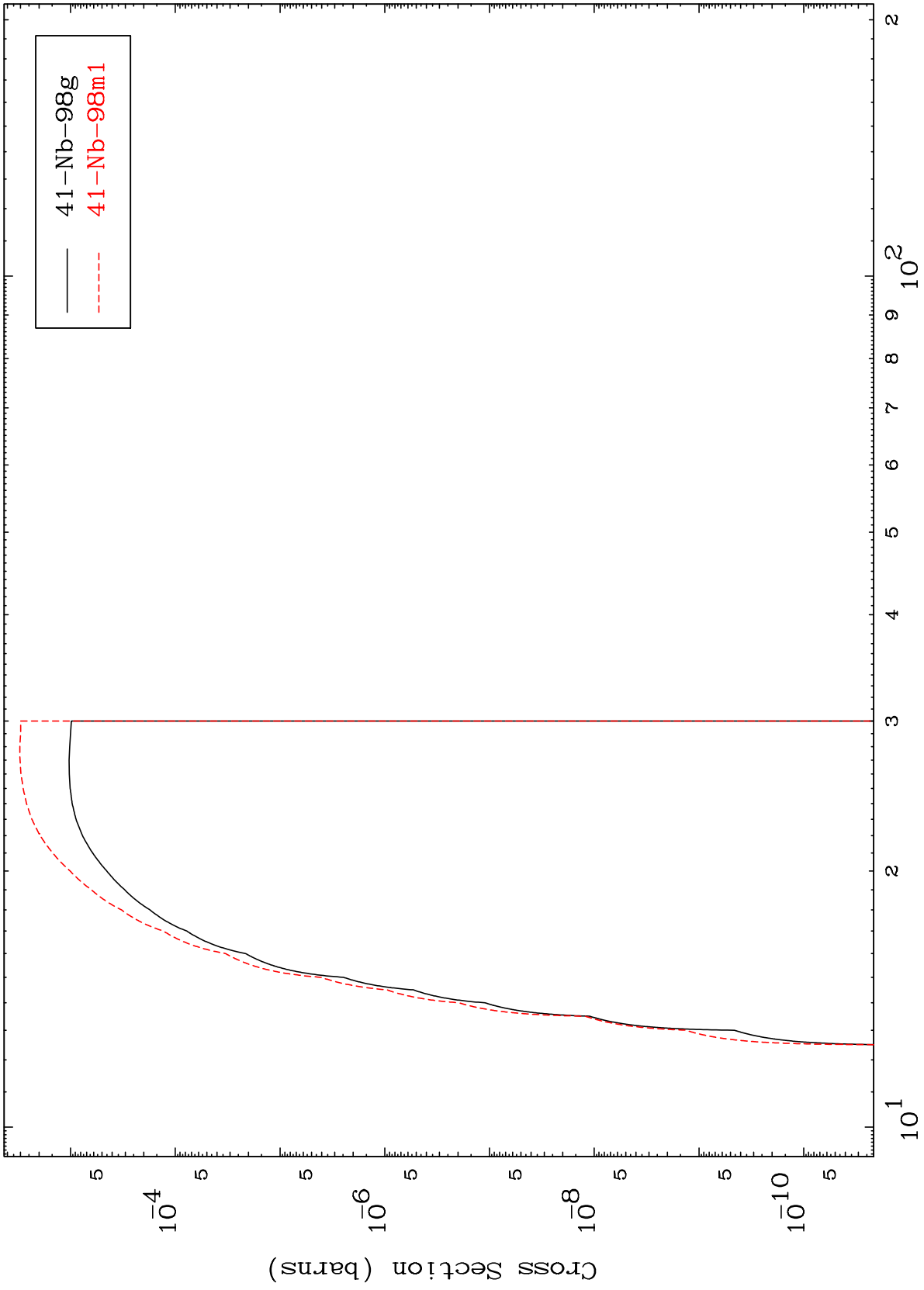
Incident Energy (MeV)

42-Mo-100

MAT 4249

42-Mo-100

(n, t)
Radionuclide Production Cross Section



84

Incident Energy (MeV)

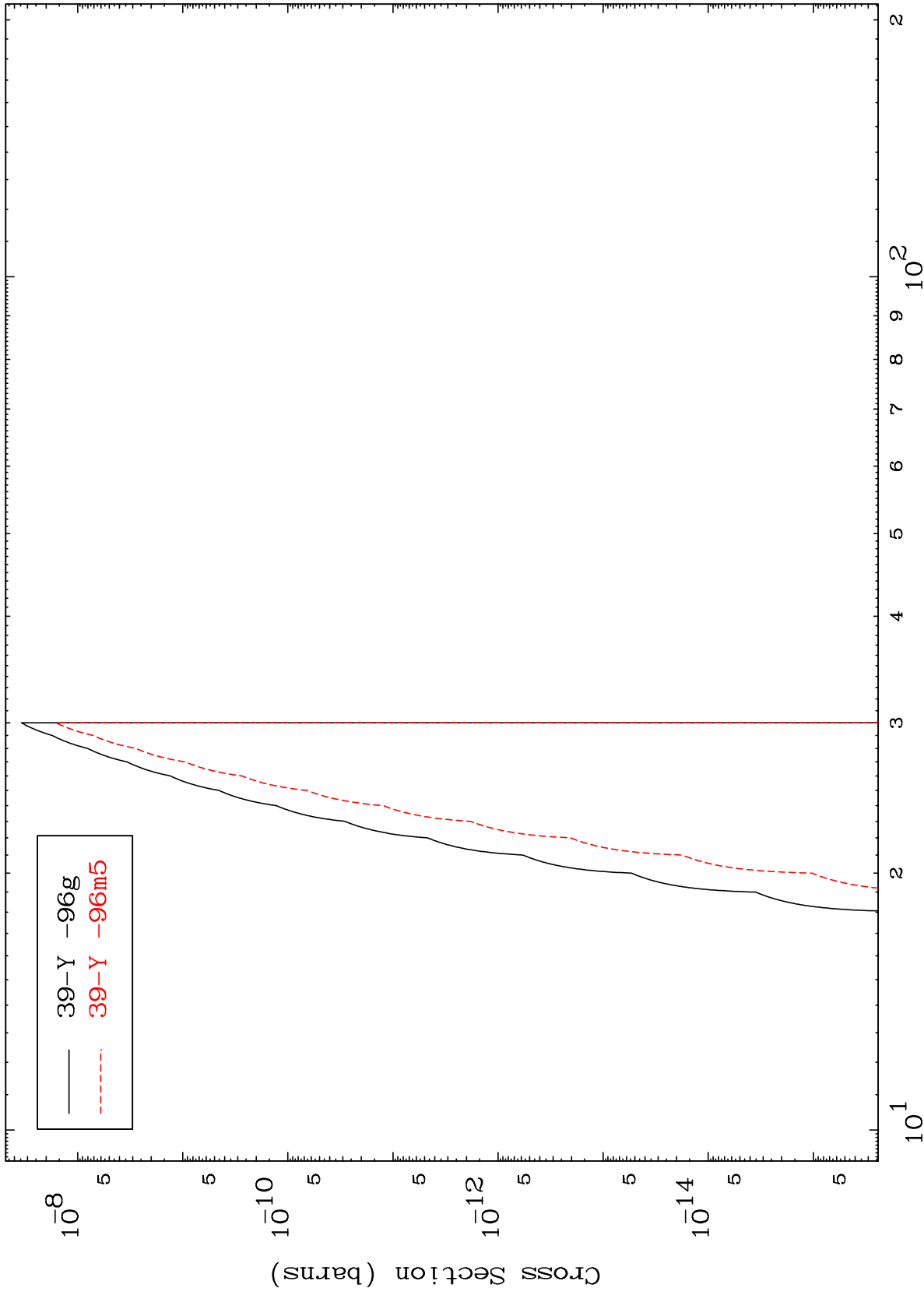
42-Mo-100

MAT 4249

(n,p) α

42-Mo-100

Radionuclide Production Cross Section



85

Incident Energy (MeV)

42-Mo-100