

Program EVALPLOT
(Version 2018-1)

by

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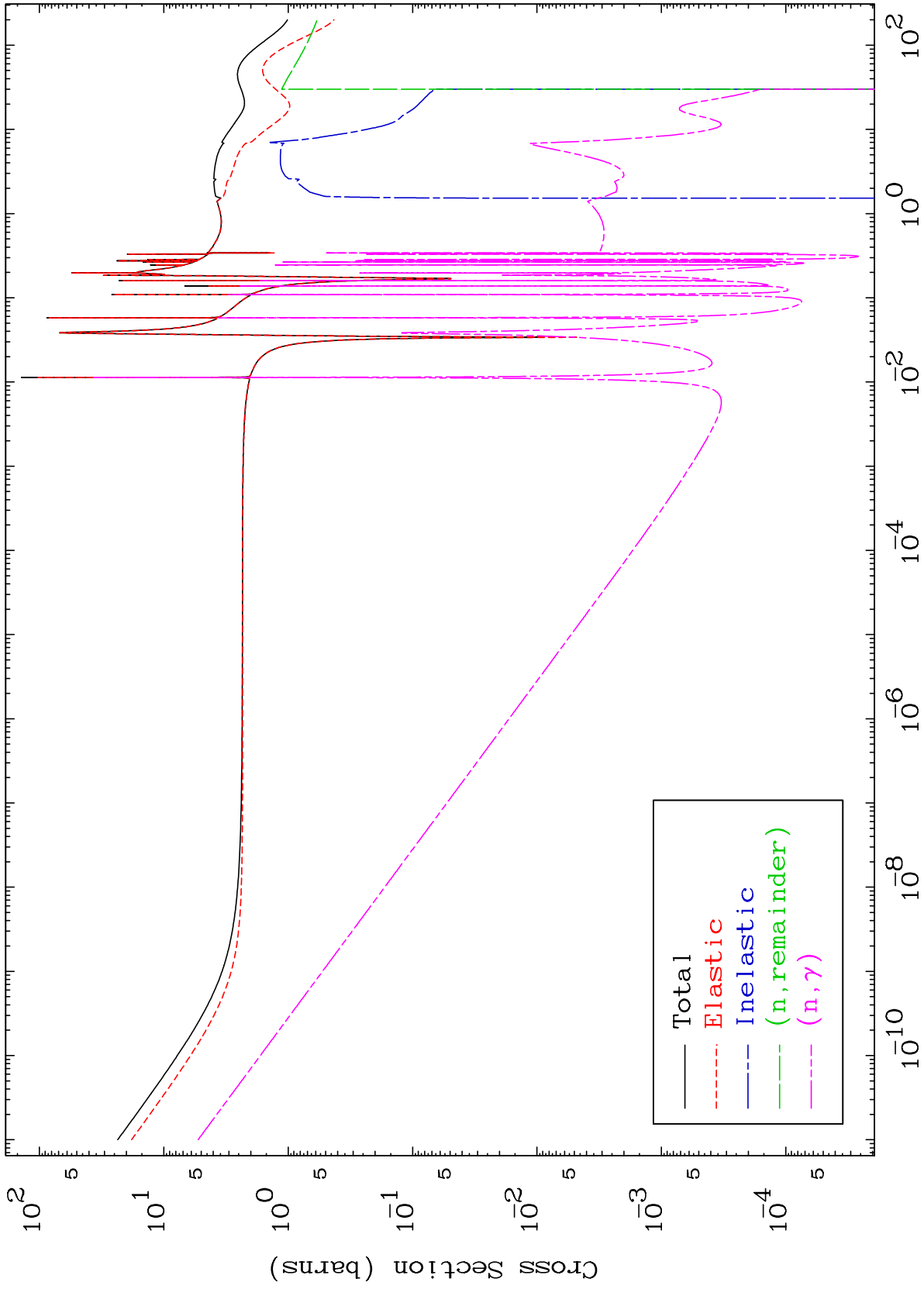
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2249

Major
293 Kelvin Cross Sections

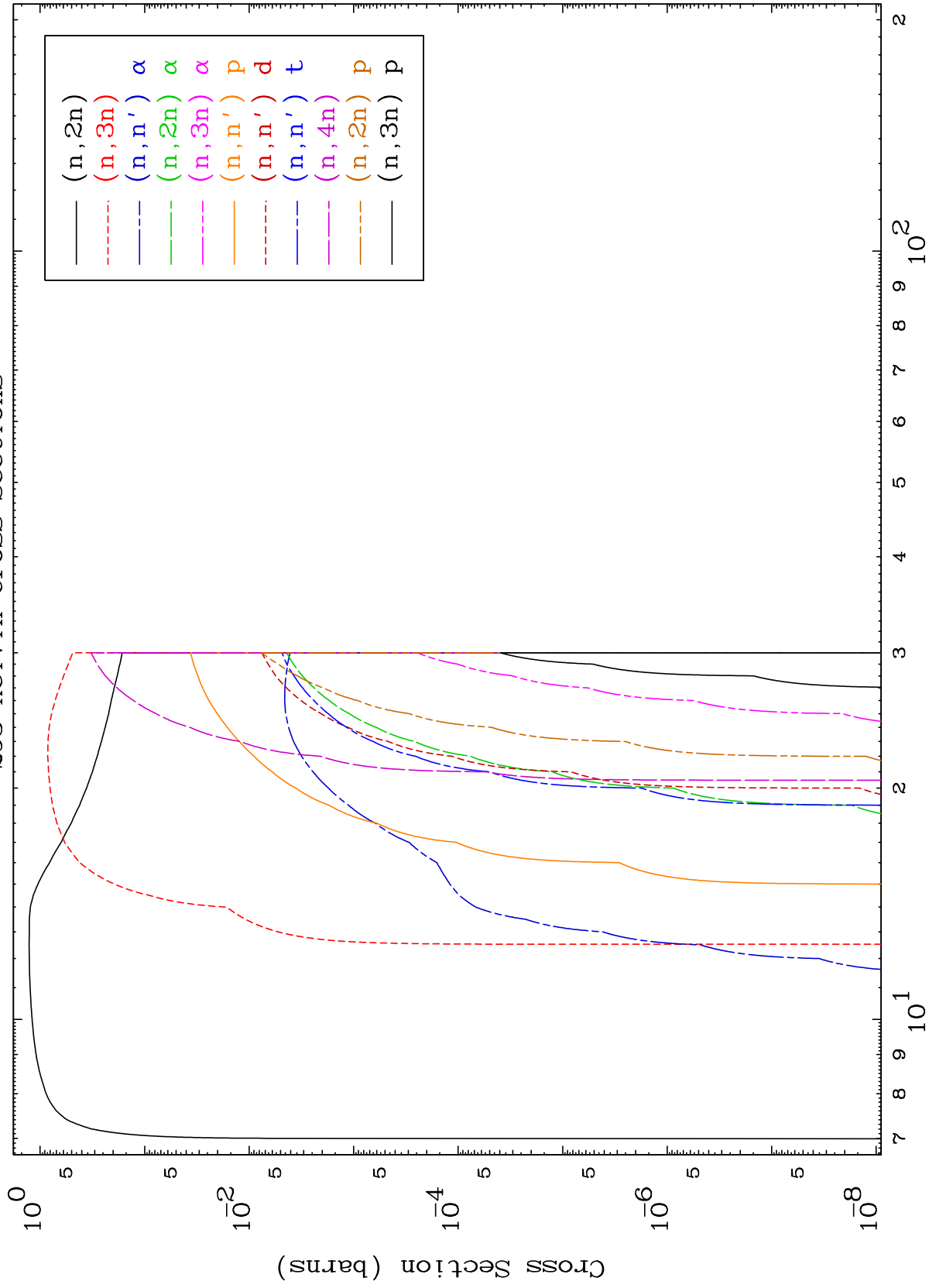
22-Ti-54



MAT 2249

Neutron Production
293 Kelvin Cross Sections

22-Ti-54



2

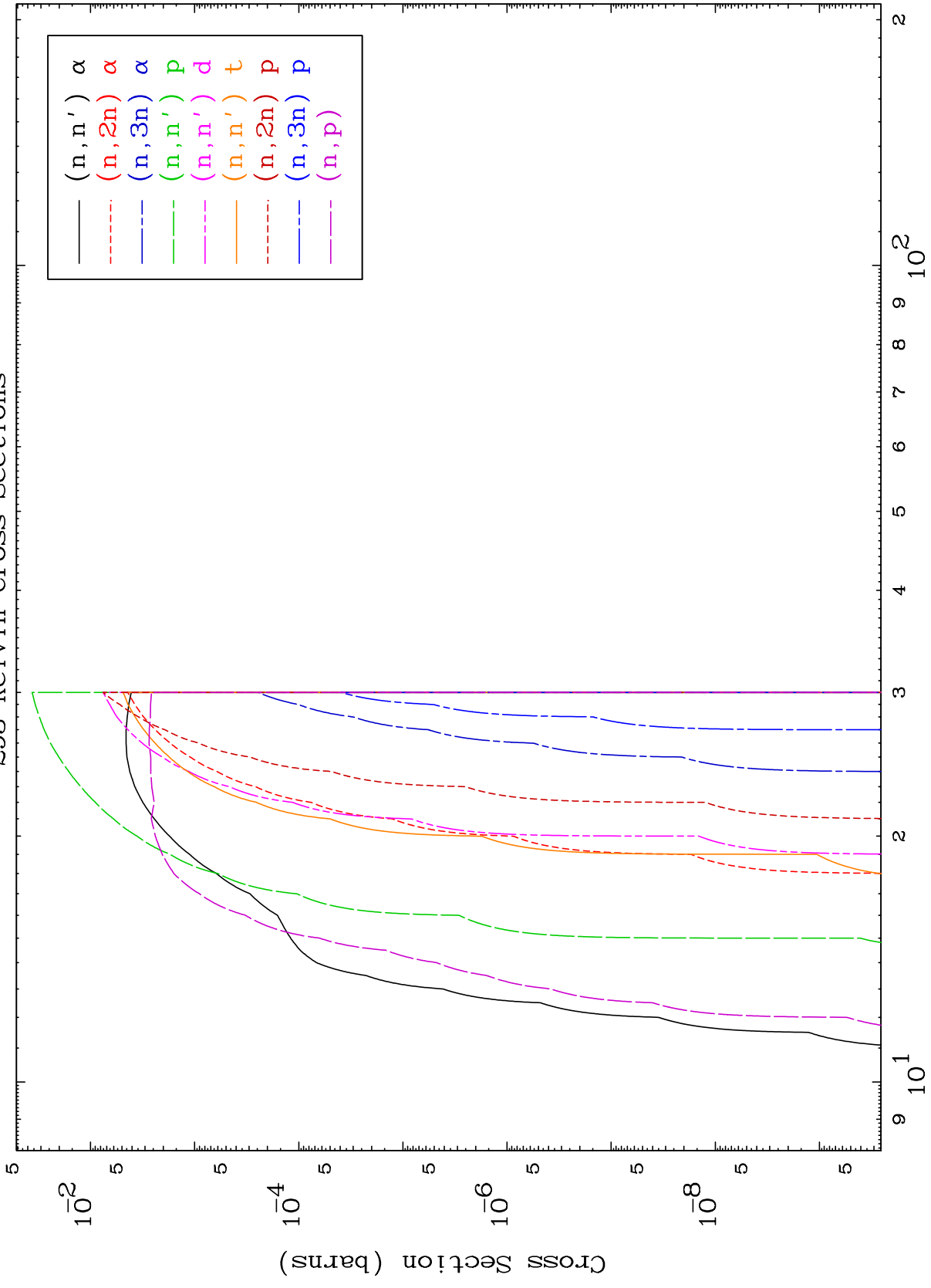
Incident Energy (MeV)

22-Ti-54

MAT 2249

Charged Particle
293 Kelvin Cross Sections

22-Ti-54



3

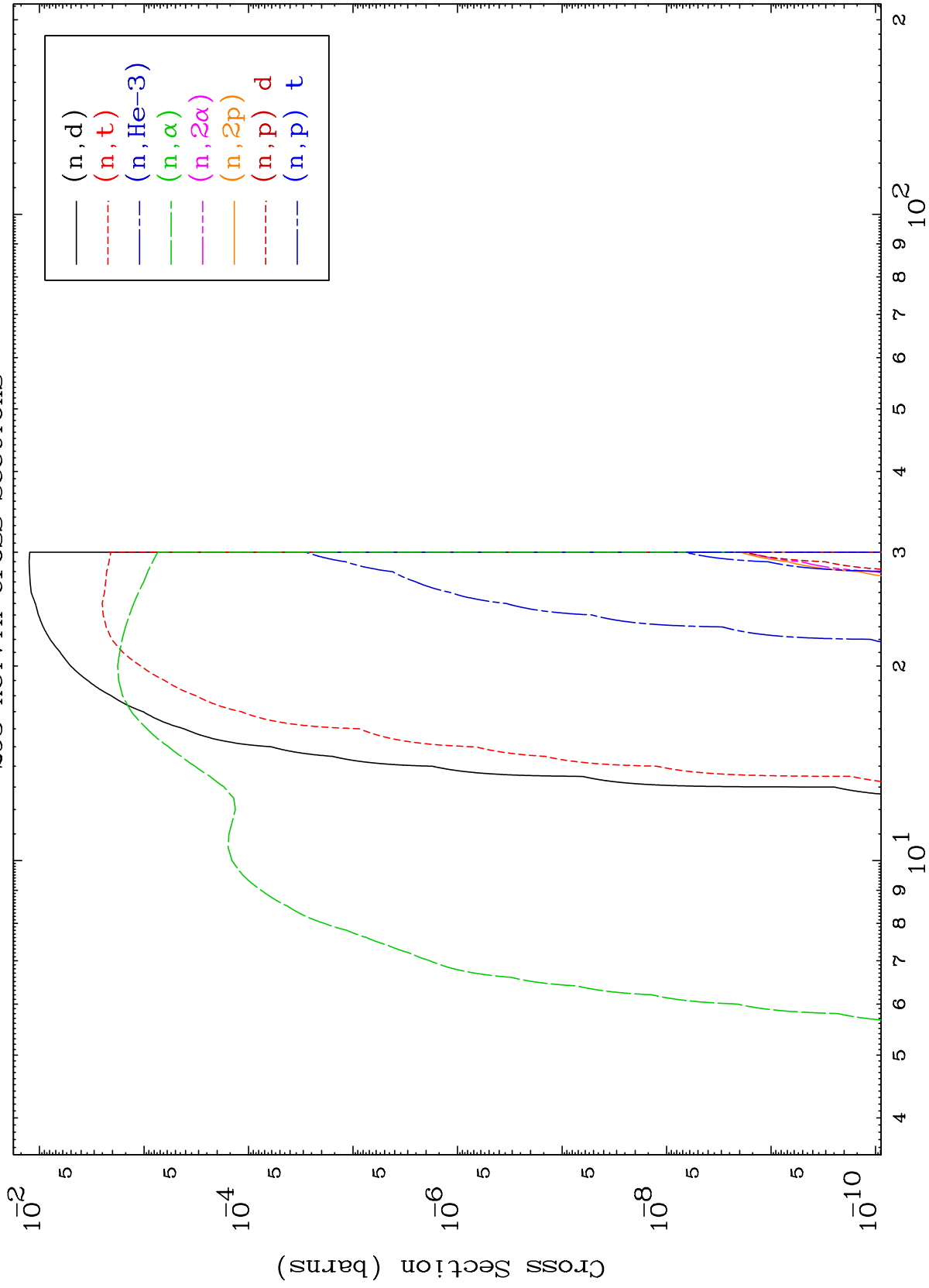
Incident Energy (MeV)

22-Ti-54

MAT 2249

Charged Particle
293 Kelvin Cross Sections

22-Ti-54



4

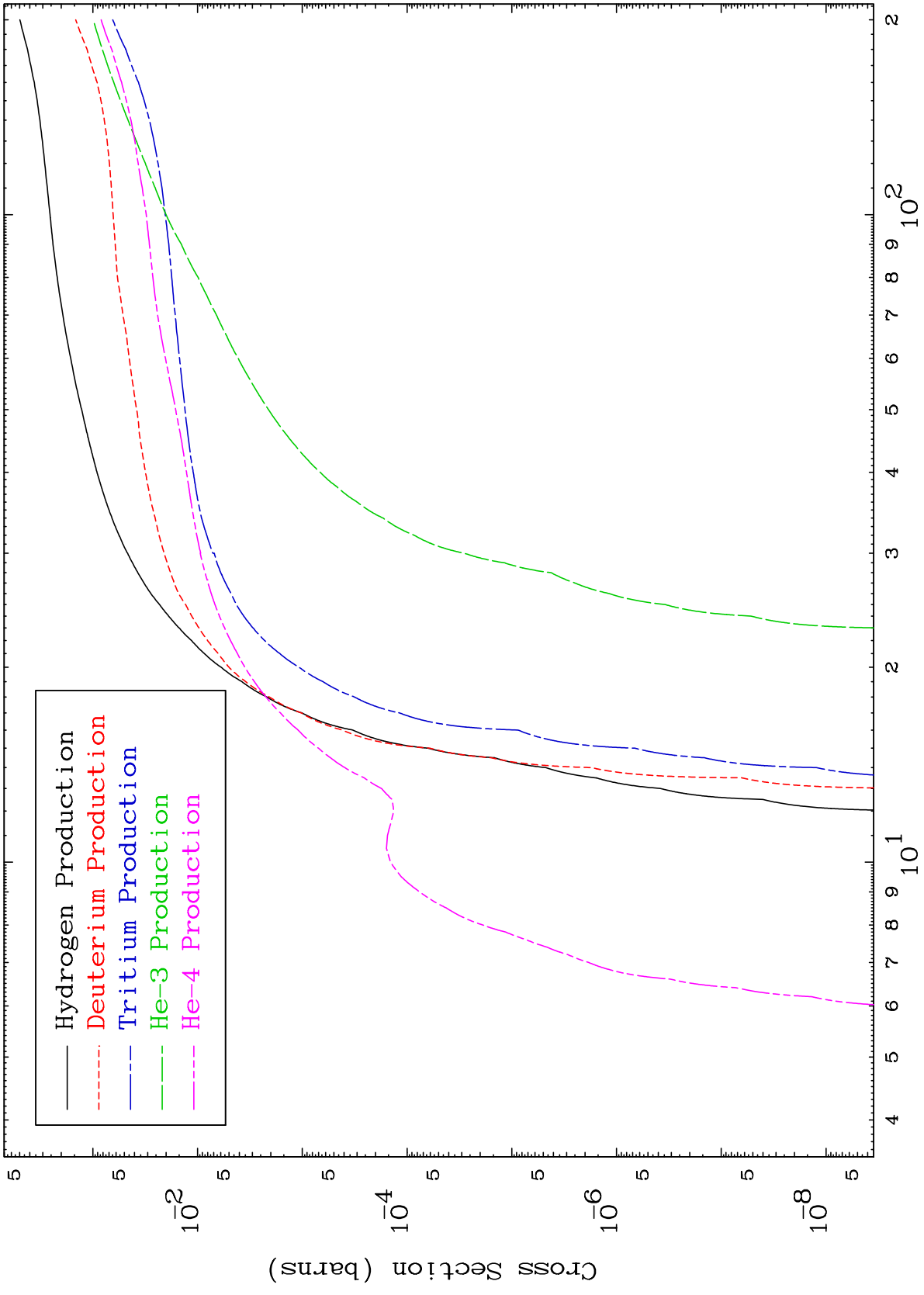
Incident Energy (MeV)

22-Ti-54

MAT 2249

Particle Production
293 Kelvin Cross Sections

22-Ti-54



5

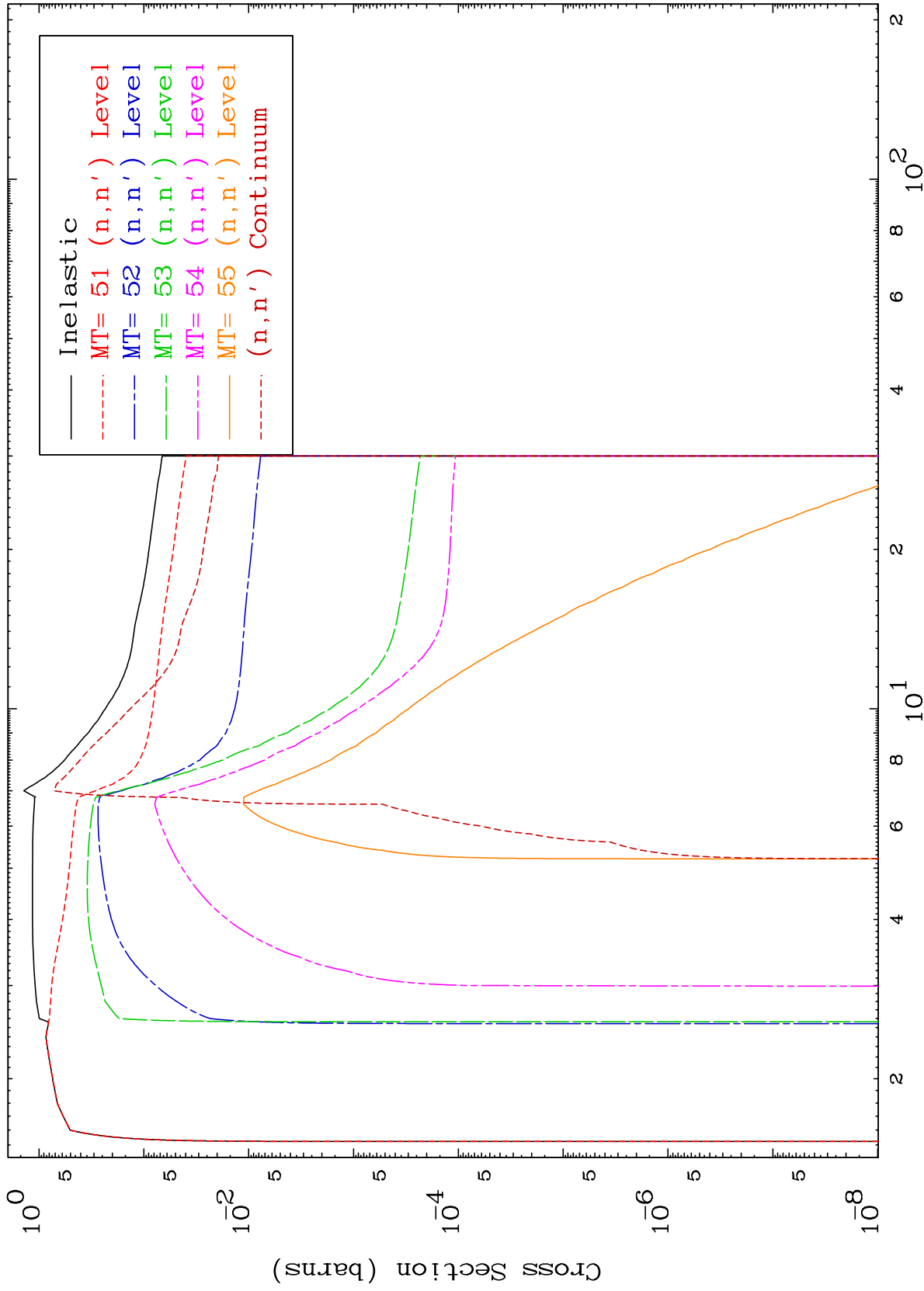
Incident Energy (MeV)

22-Ti-54

MAT 2249

(n,n') Level
293 Kelvin Cross Sections

22-Ti-54



6

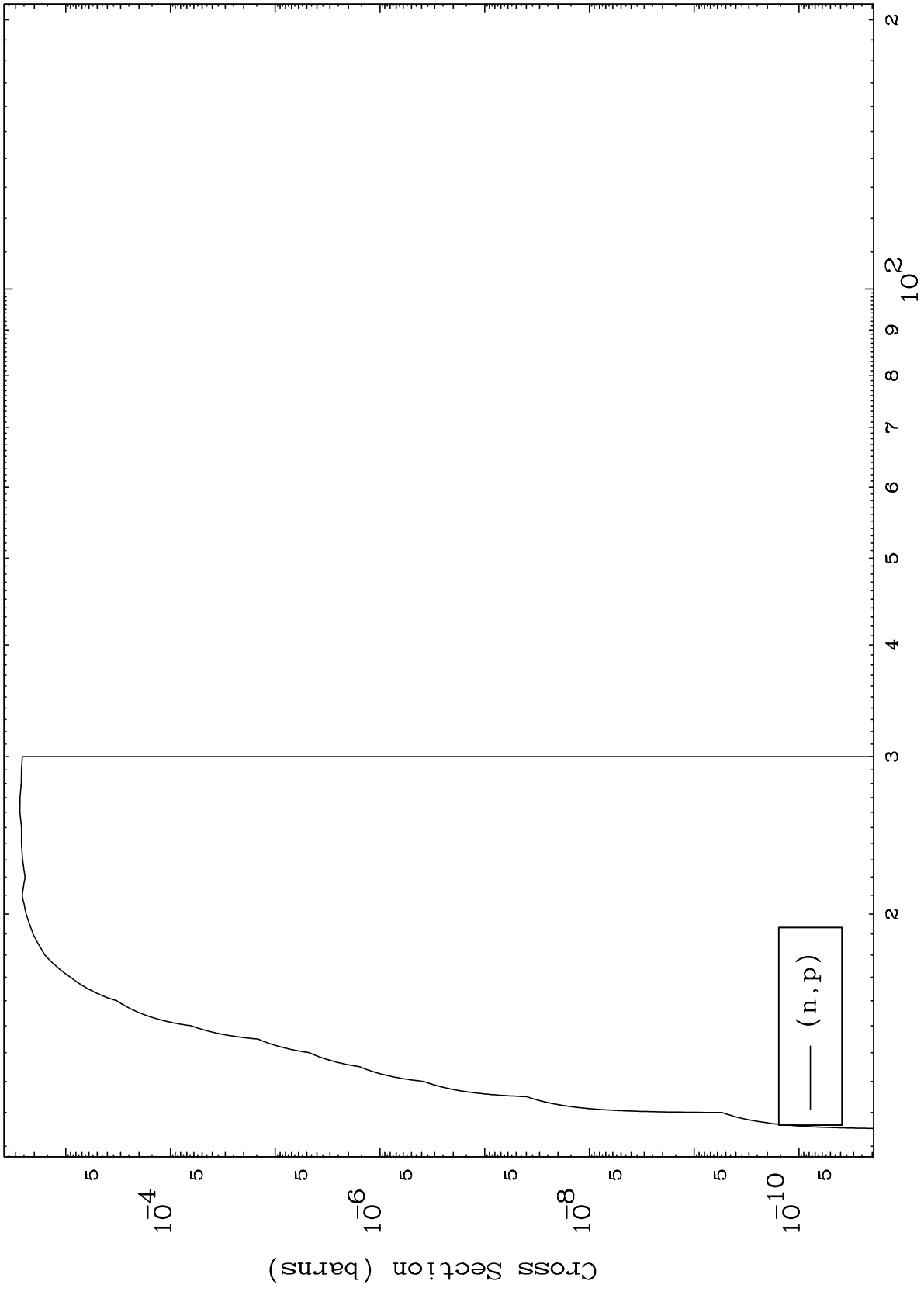
Incident Energy (MeV)

22-Ti-54

MAT 2249

(n,p) Levels
293 Kelvin Cross Sections

22-Ti-54



7

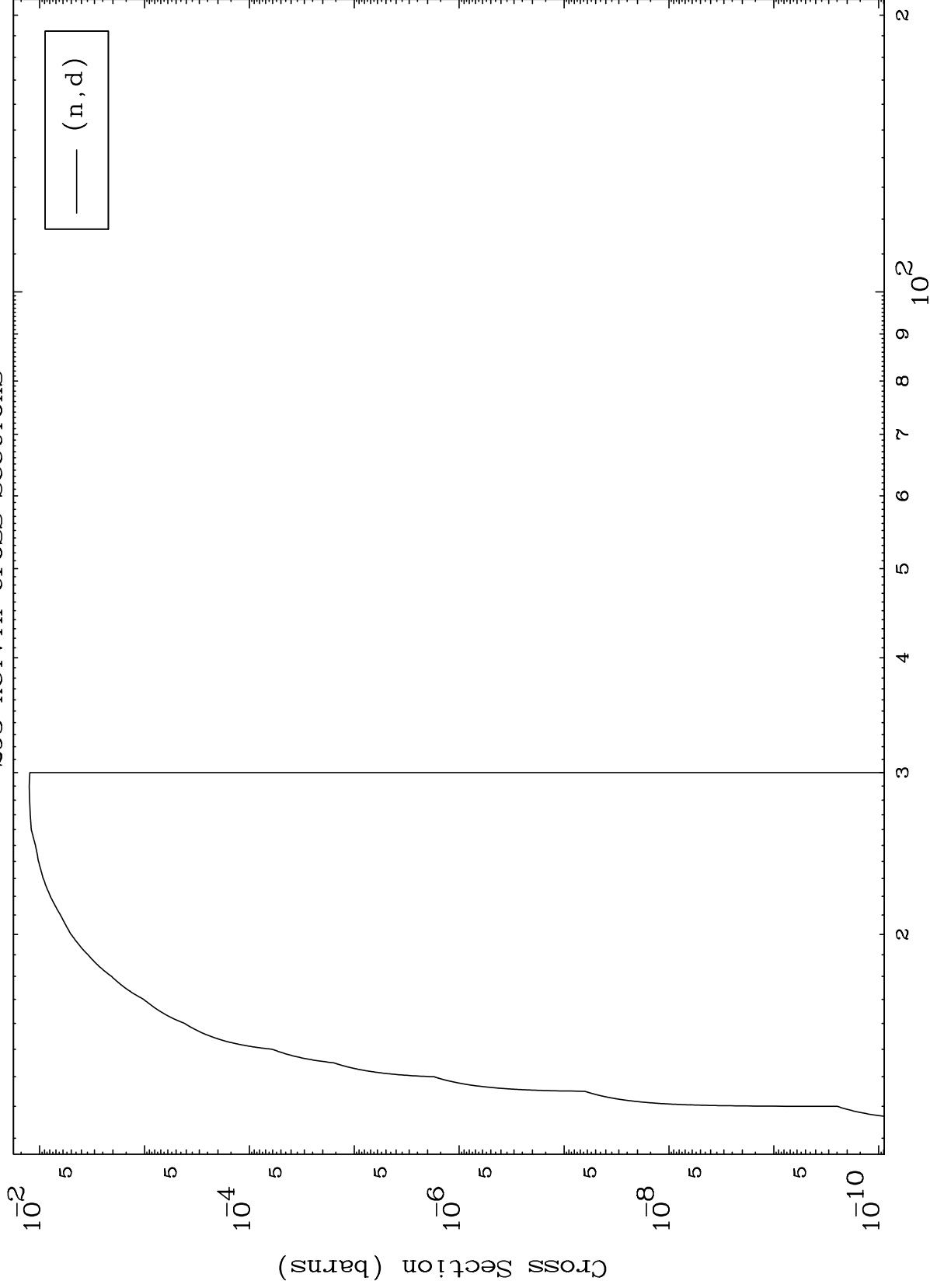
Incident Energy (MeV)

22-Ti-54

MAT 2249

(n,d) Levels
293 Kelvin Cross Sections

²²Ti-54



8

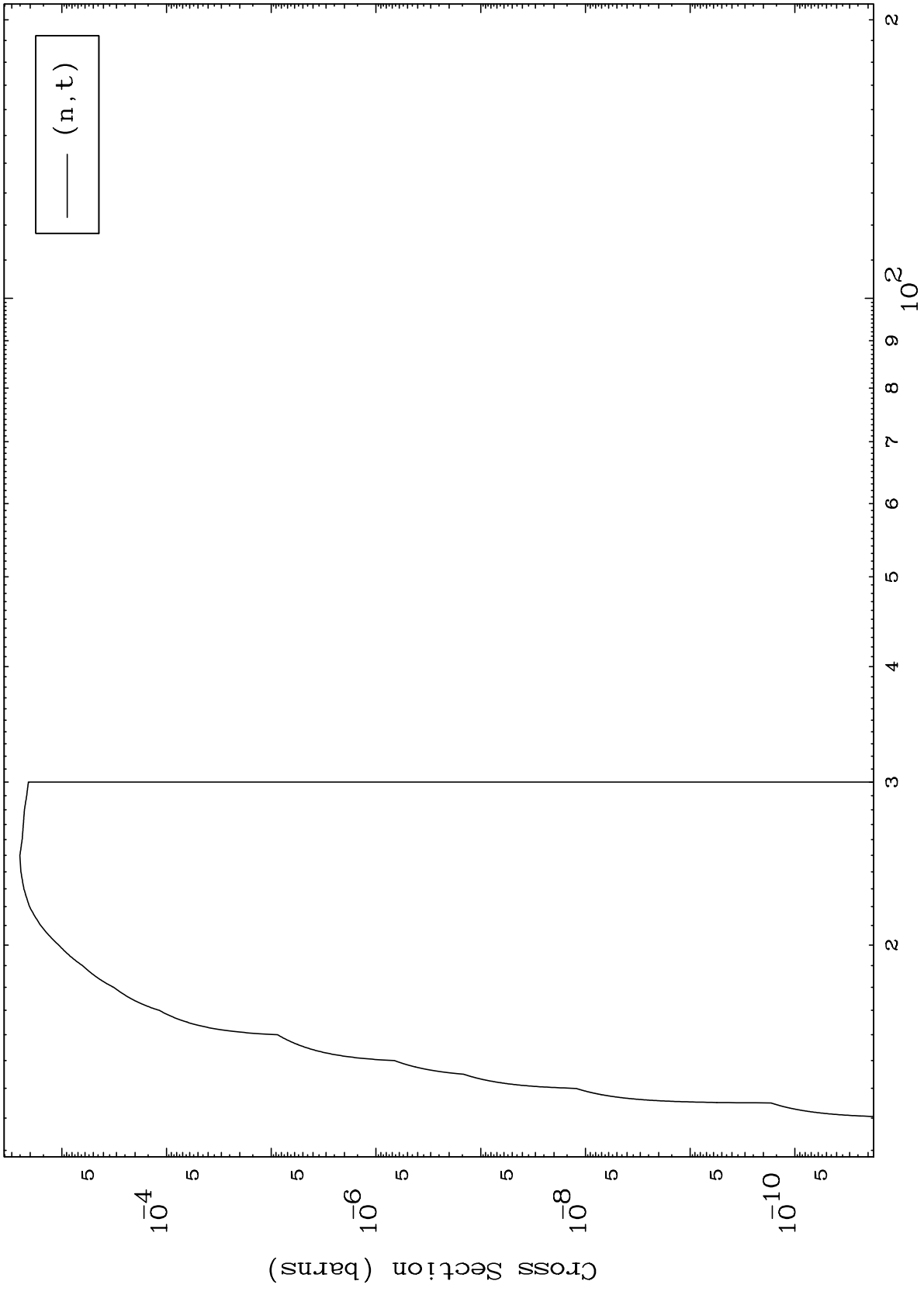
Incident Energy (MeV)

²²Ti-54

MAT 2249

(n,t) Levels
293 Kelvin Cross Sections

22-Ti-54

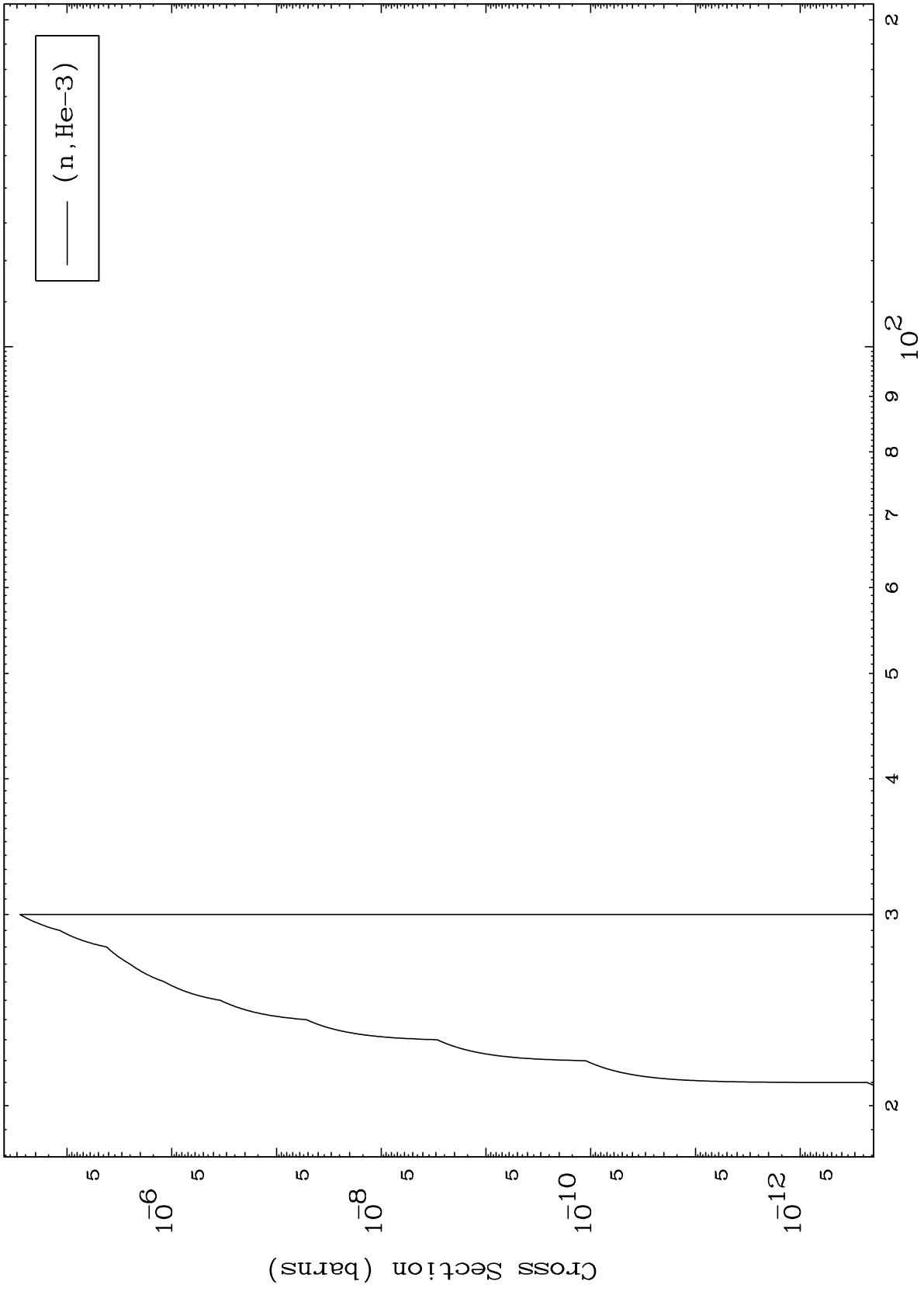


(n,t)

MAT 2249

(n,He3) Levels
293 Kelvin Cross Sections

22-Ti-54



10

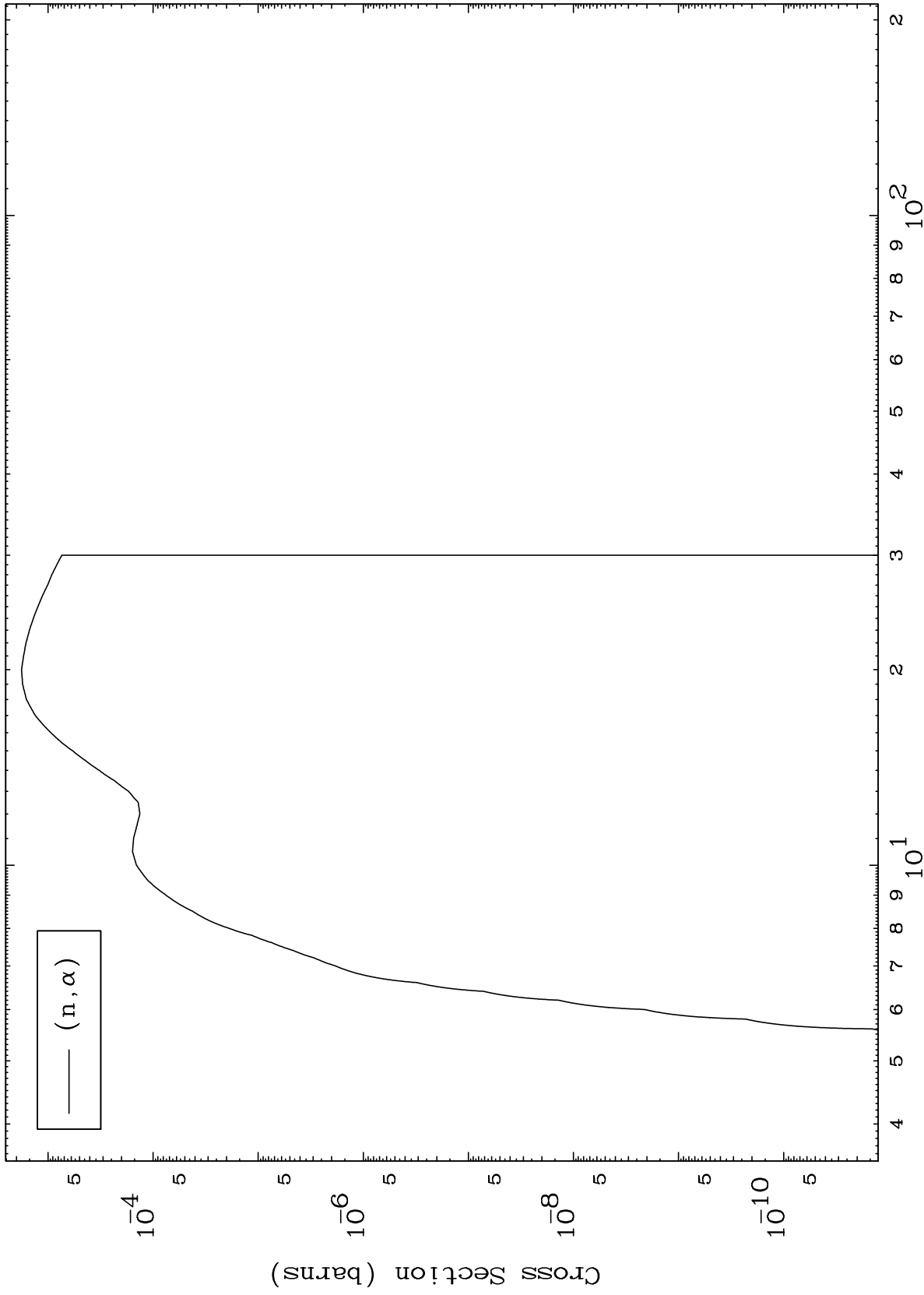
Incident Energy (MeV)

22-Ti-54

MAT 2249

(n,α) Levels
293 Kelvin Cross Sections

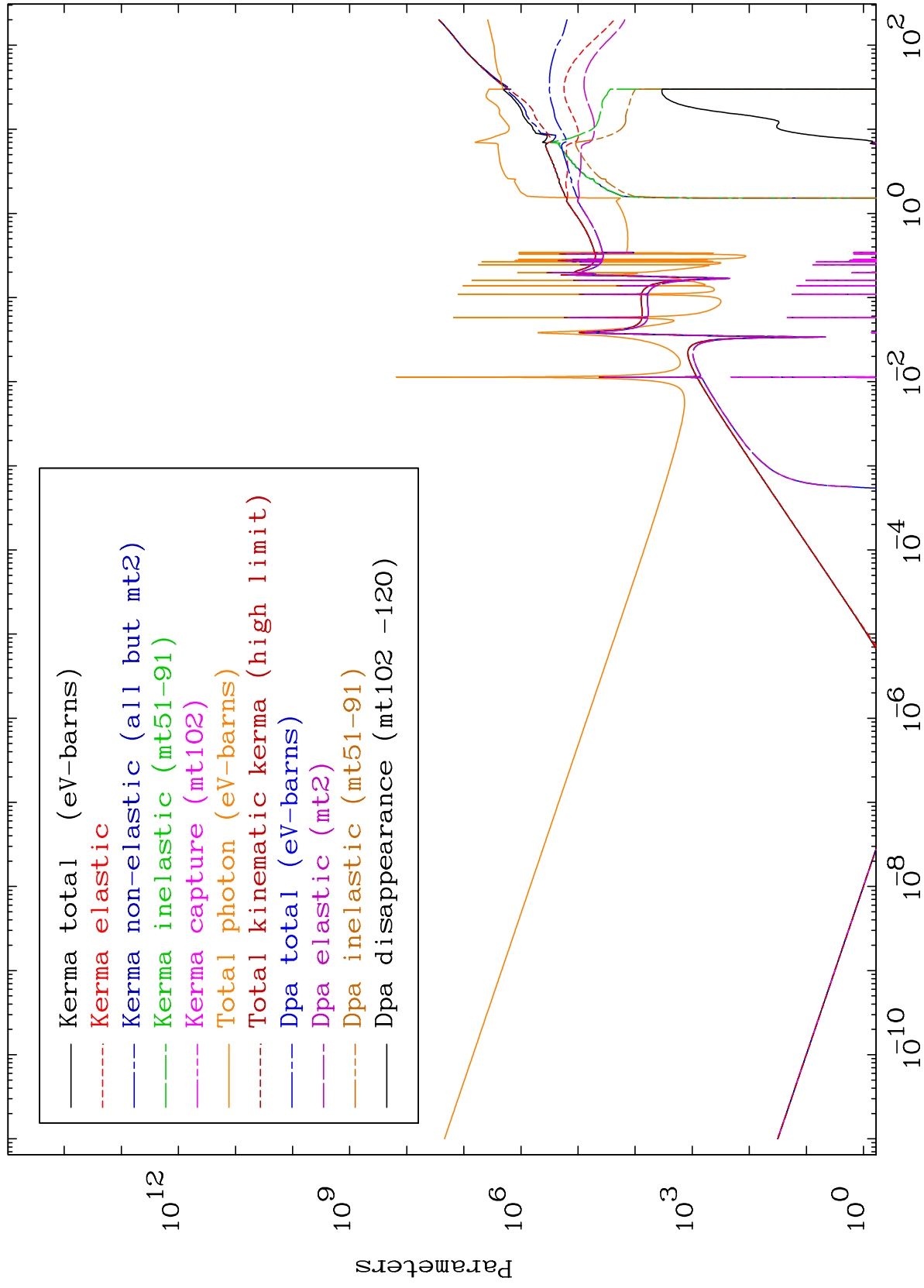
22-Ti-54



11

Incident Energy (MeV)

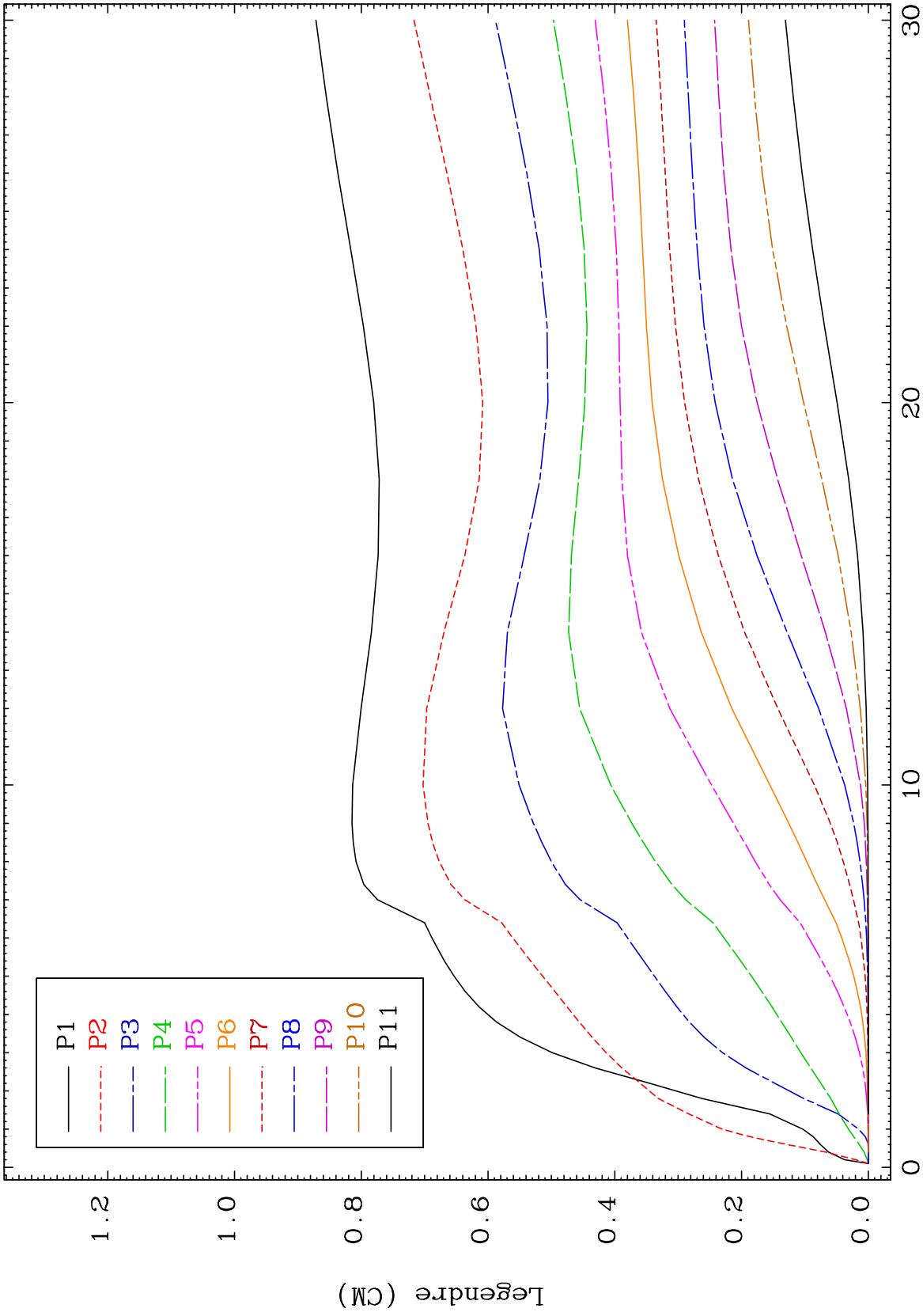
22-Ti-54



MAT 2249

Elastic Legendre Coefficients

22-Ti-54



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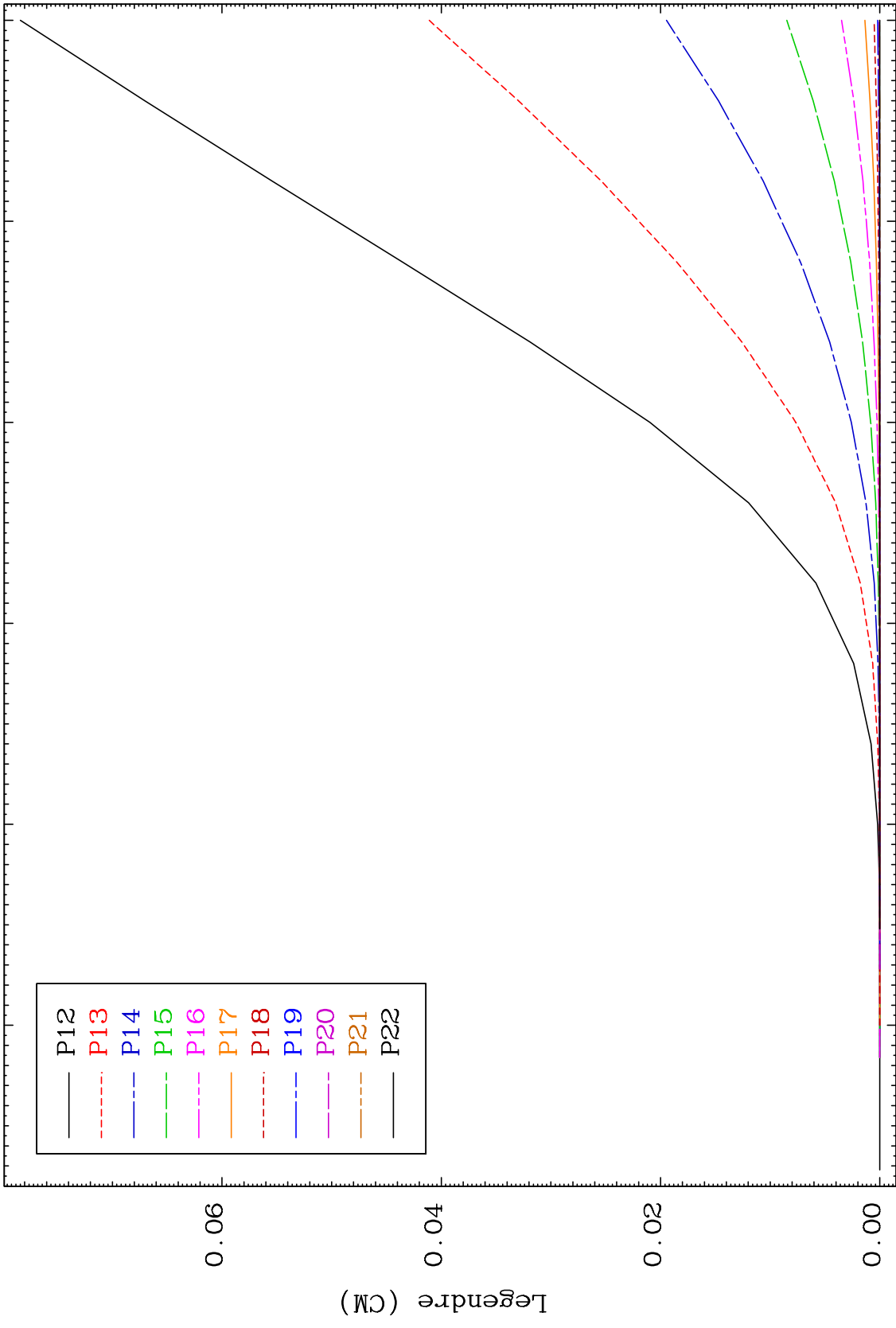
Incident Energy (MeV)

22-Ti-54

MAT 2249

Elastic Legendre Coefficients

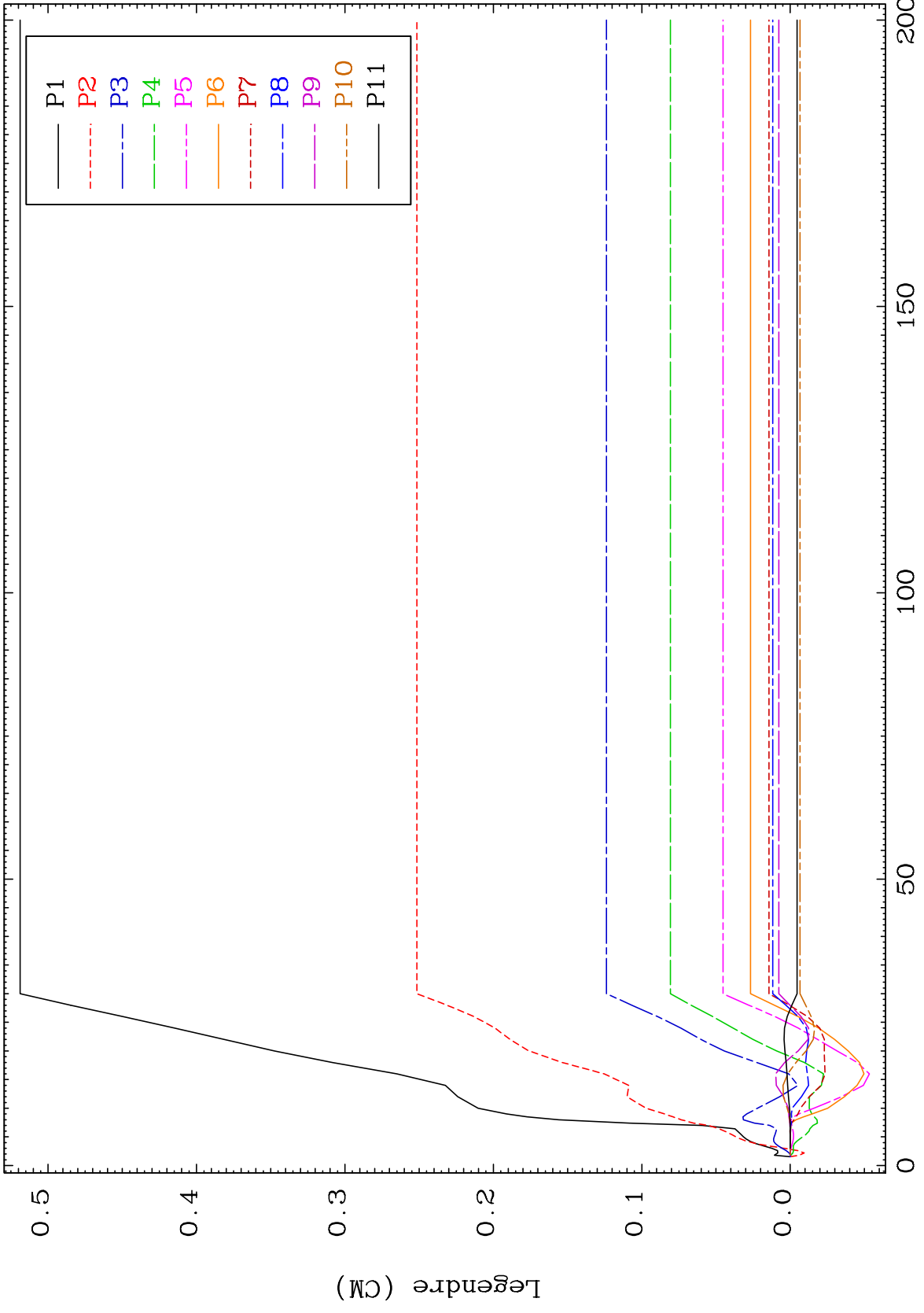
²²Ti-54



14

²²Ti-54

MAT 2249 MT= 51 (n,n') Level Legendre Coefficients 22-Ti-54

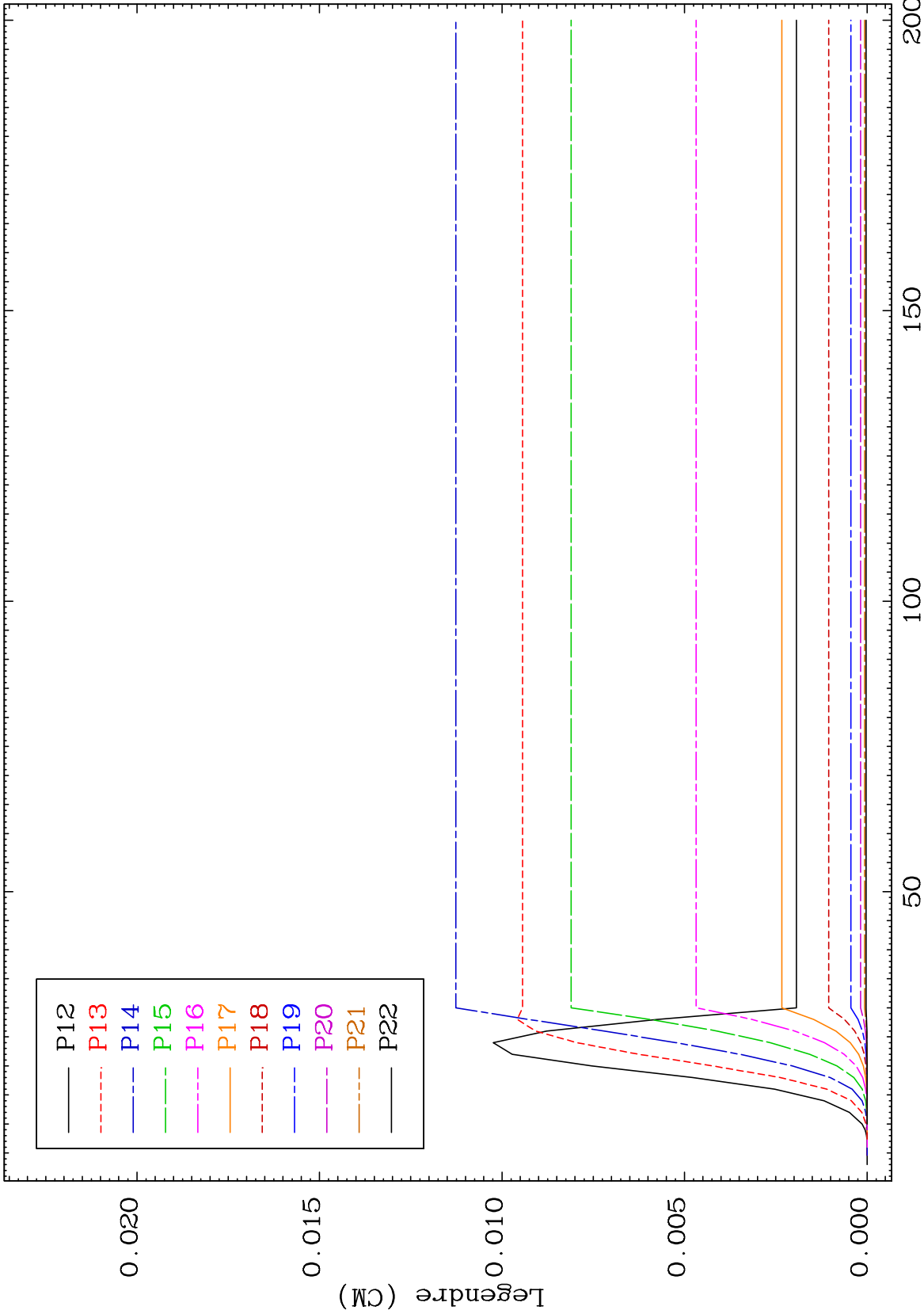


16 Incident Energy (MeV) 22-Ti-54

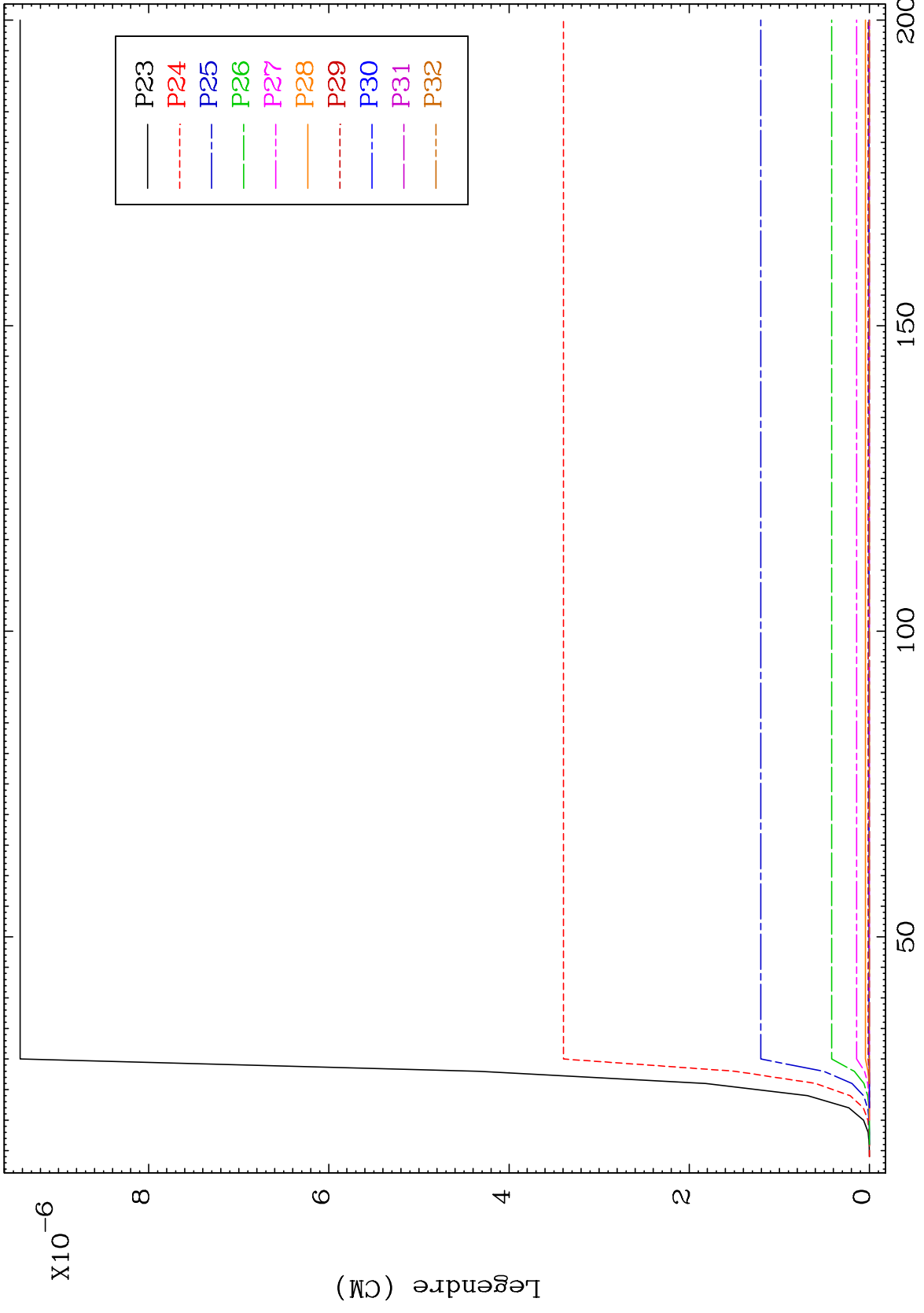
MAT 2249

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

²²Ti-54



MAT 2249 MT= 51 (n,n') Level Legendre Coefficients 22-Ti-54

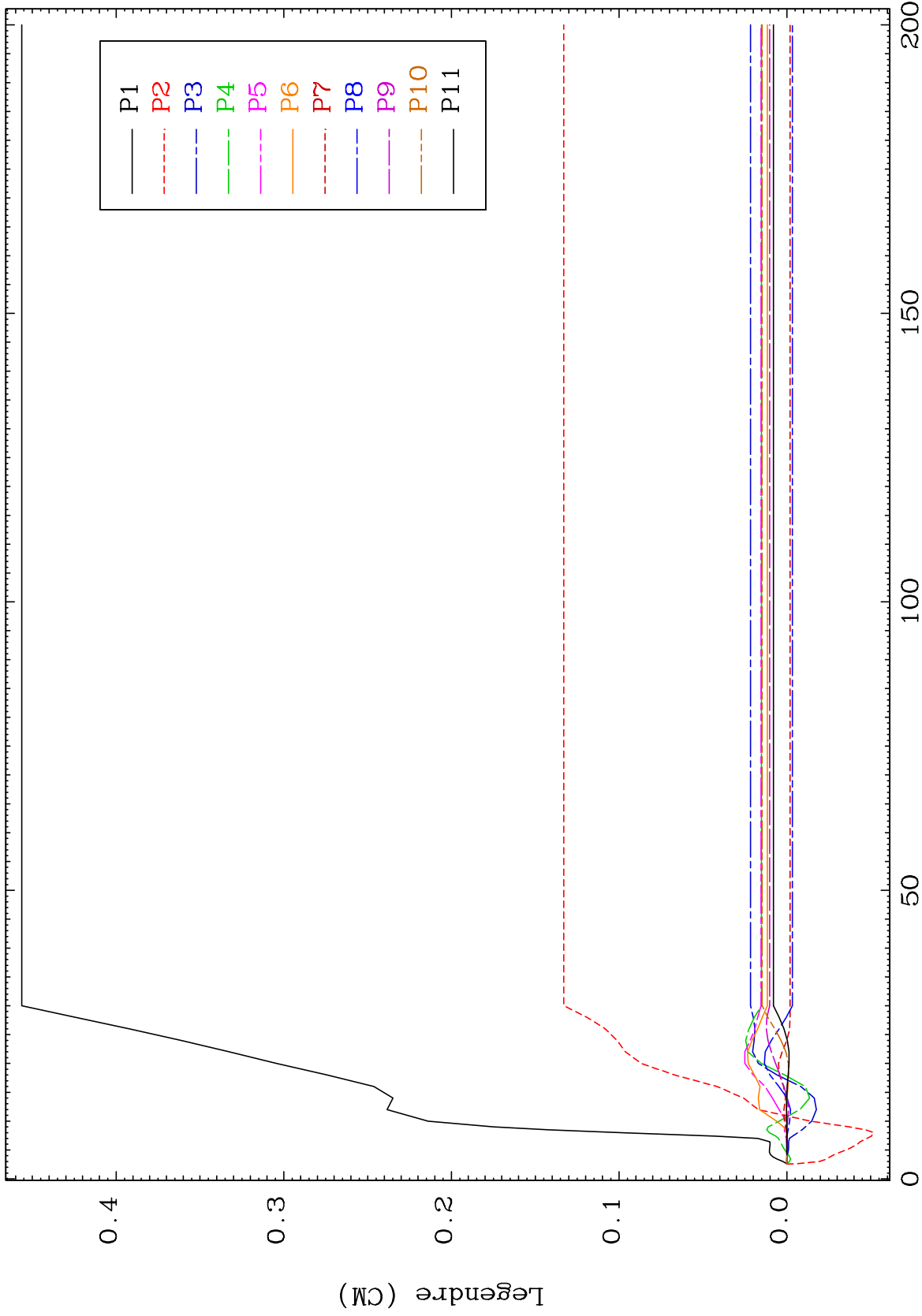


18 50 100 150 200 22-Ti-54

MAT 2249

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

22-Ti-54



19

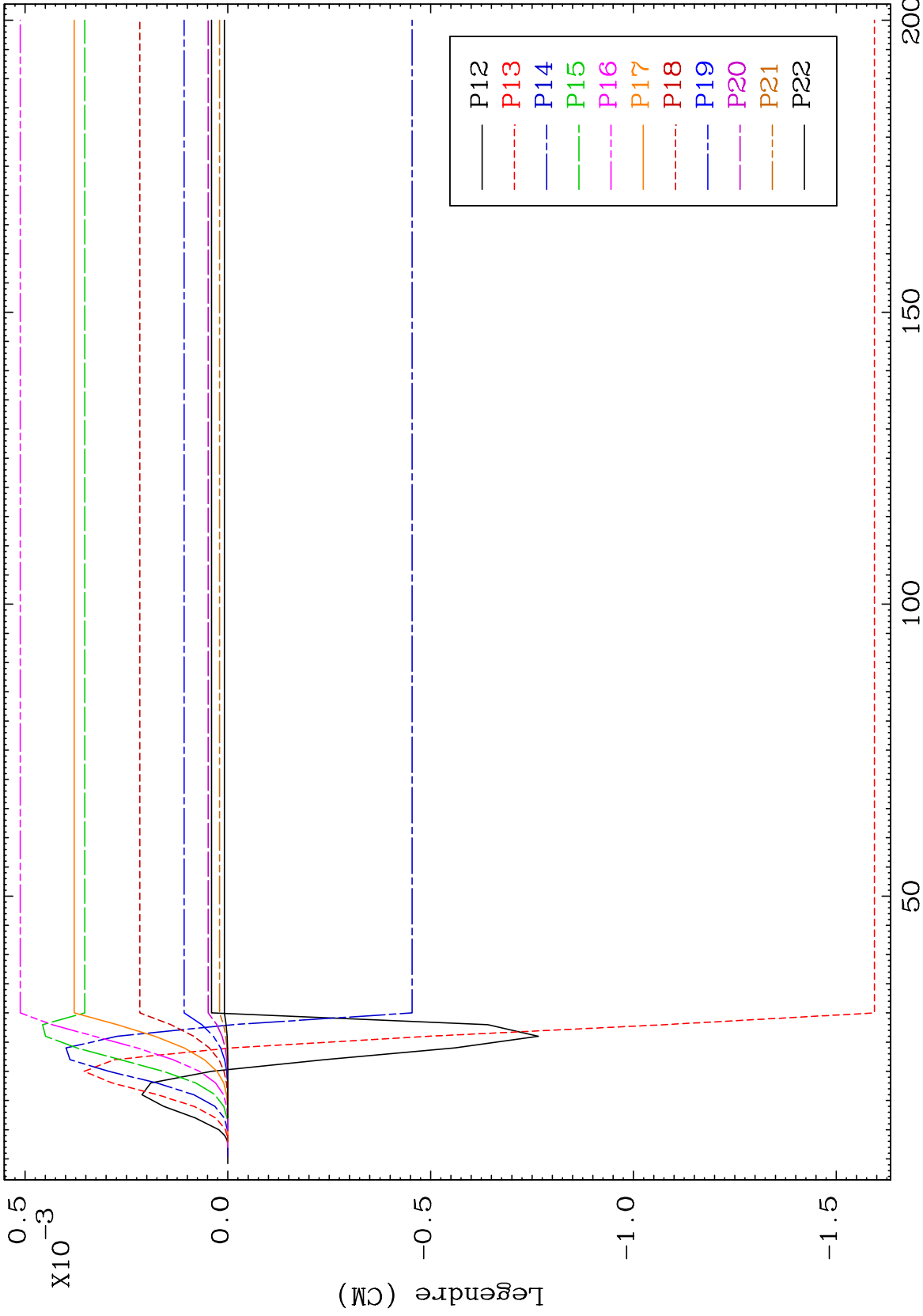
Incident Energy (MeV)

22-Ti-54

MAT 2249

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

22-Ti-54



20

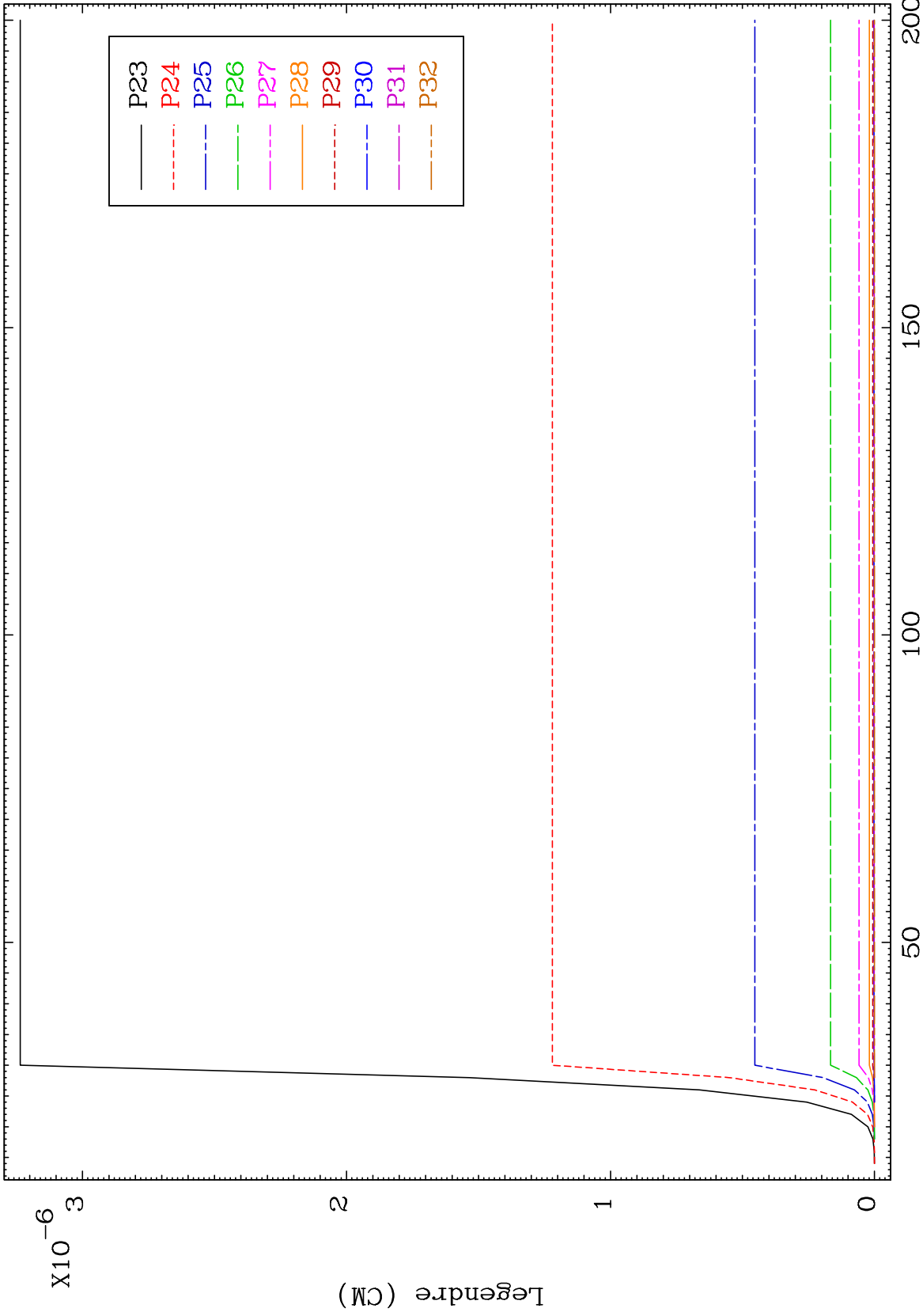
Incident Energy (MeV)

22-Ti-54

MAT 2249

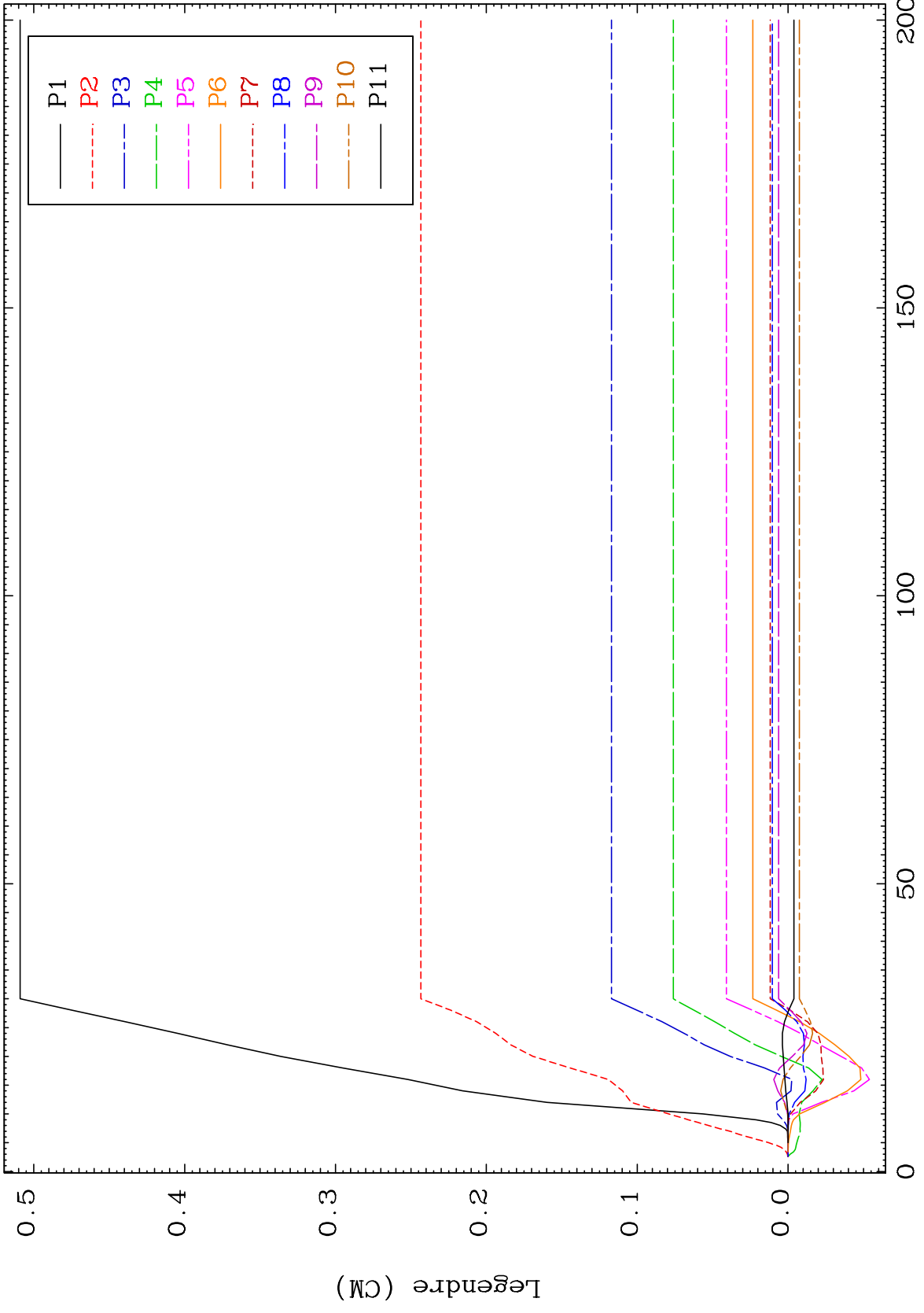
MT= 52 (n,n') Level
Legendre Coefficients

22-Ti-54



21

MAT 2249 MT= 53 (n,n') Level Legendre Coefficients 22-Ti-54

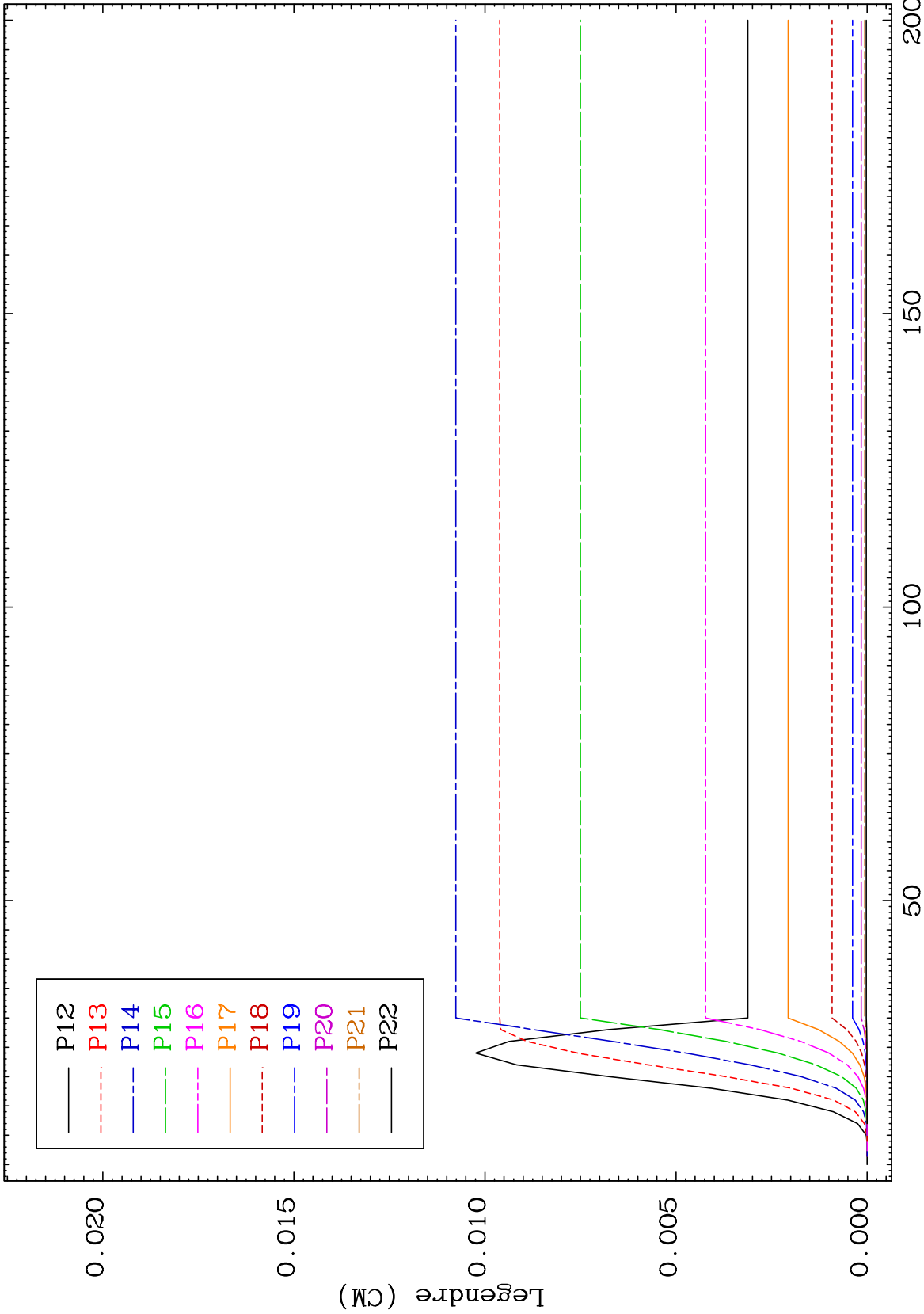


22 200 150 100 50 0 22-Ti-54

MAT 2249

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

22-Ti-54



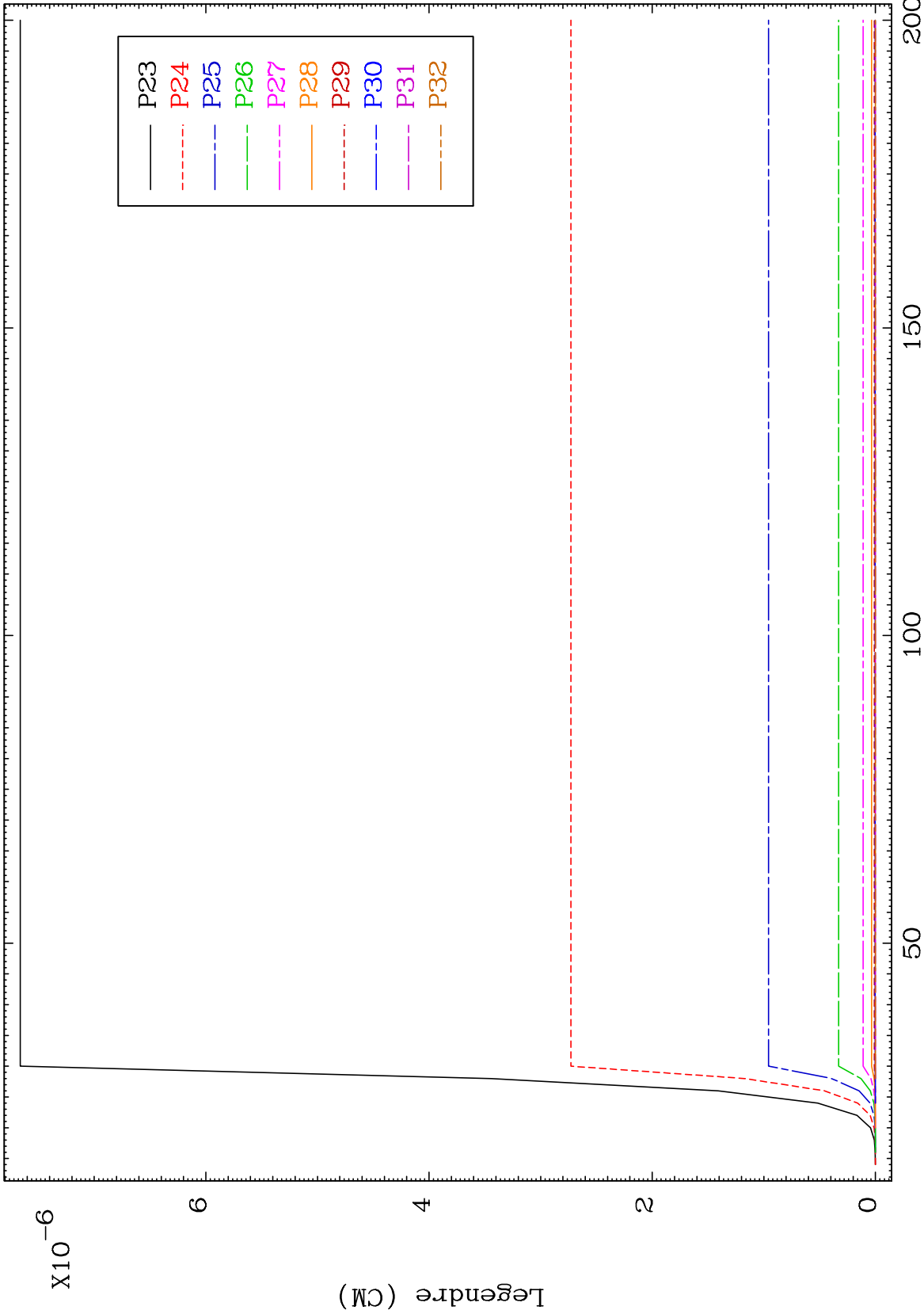
23

22-Ti-54

MAT 2249

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

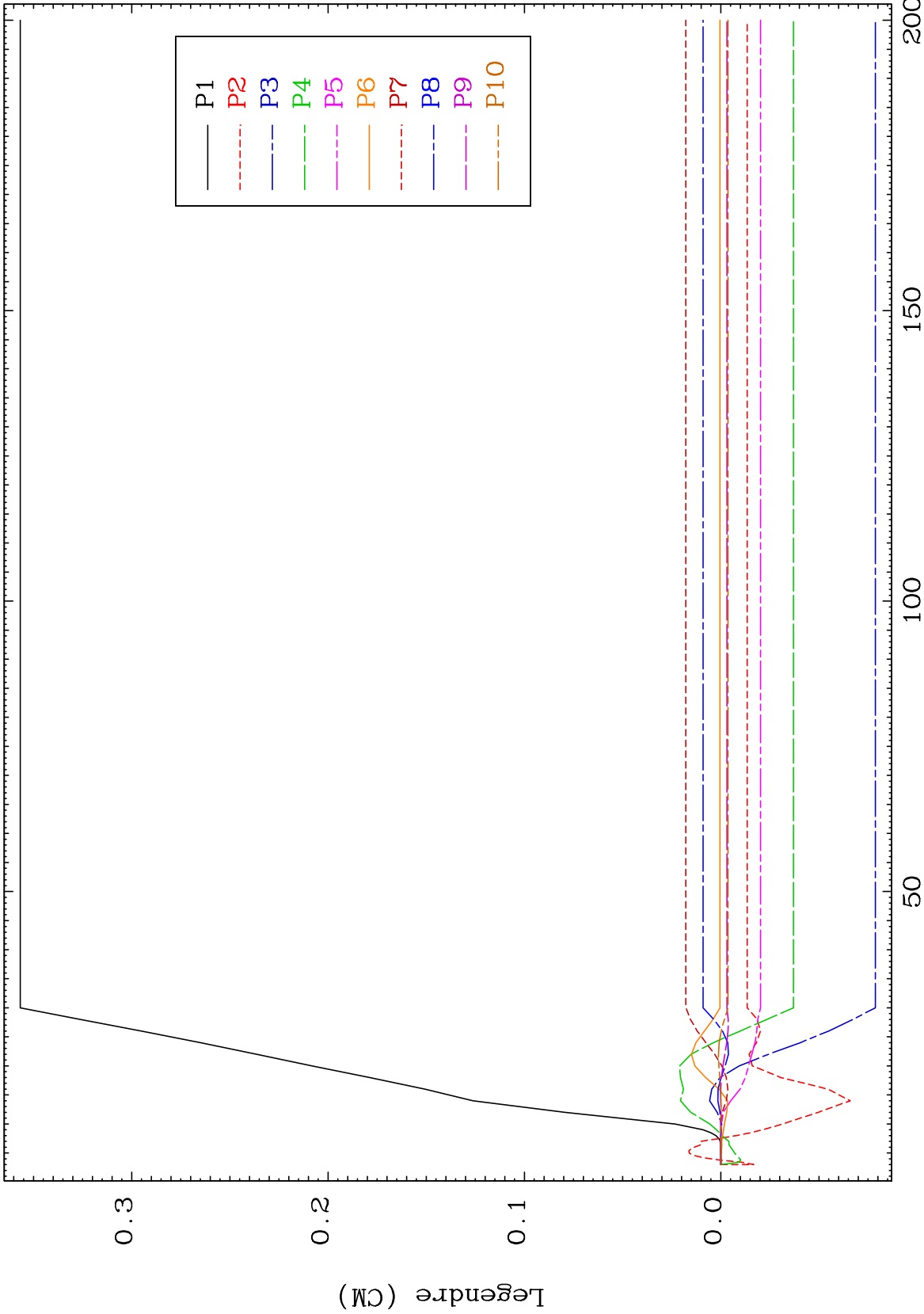
22-Ti-54



MAT 2249

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

22-Ti-54

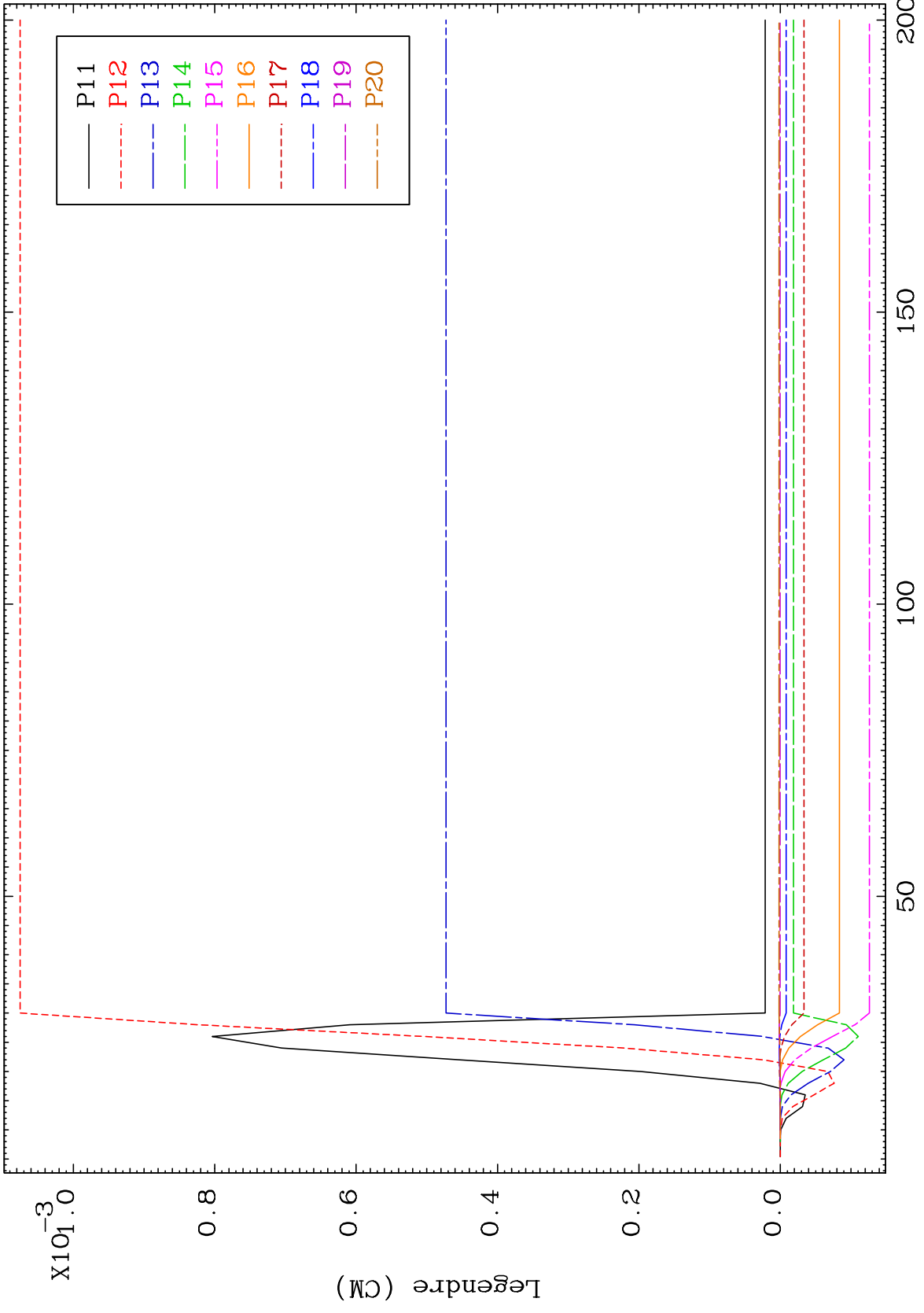


25

Incident Energy (MeV)

22-Ti-54

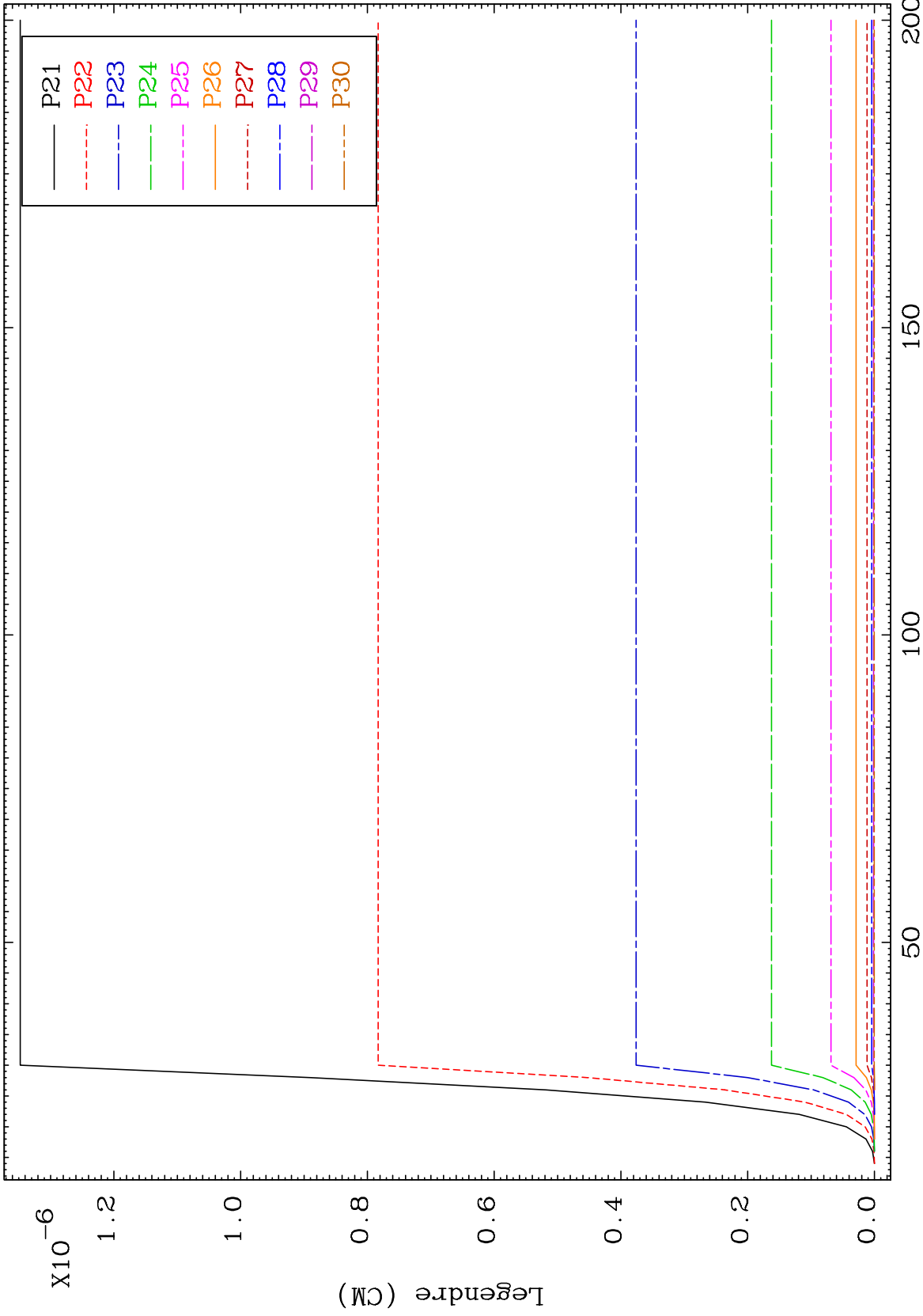
MAT 2249 MT= 54 (n,n') Level Legendre Coefficients 22-Ti-54



MAT 2249

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

22-Ti-54



27

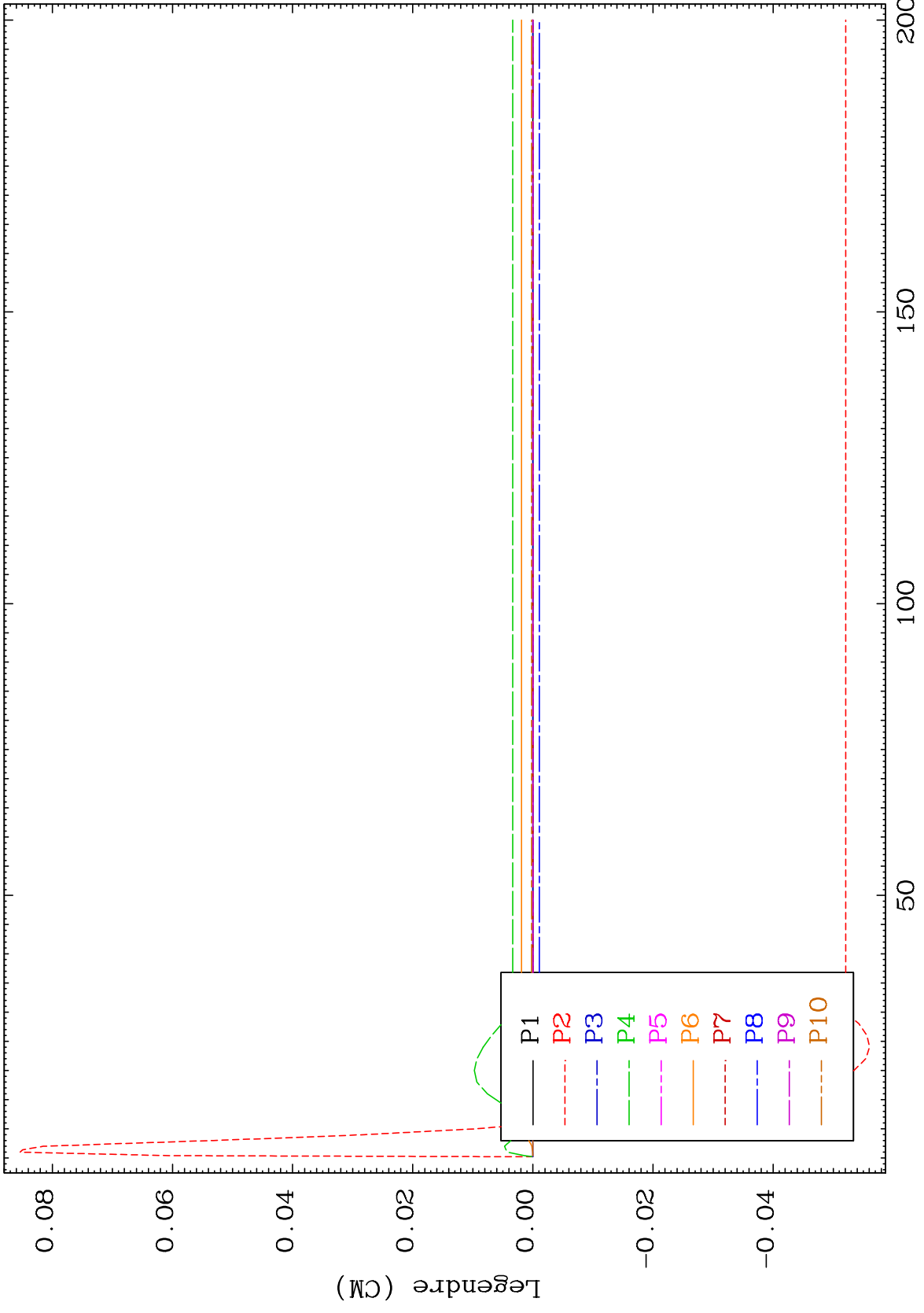
Incident Energy (MeV)

22-Ti-54

MAT 2249

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

22-Ti-54



28

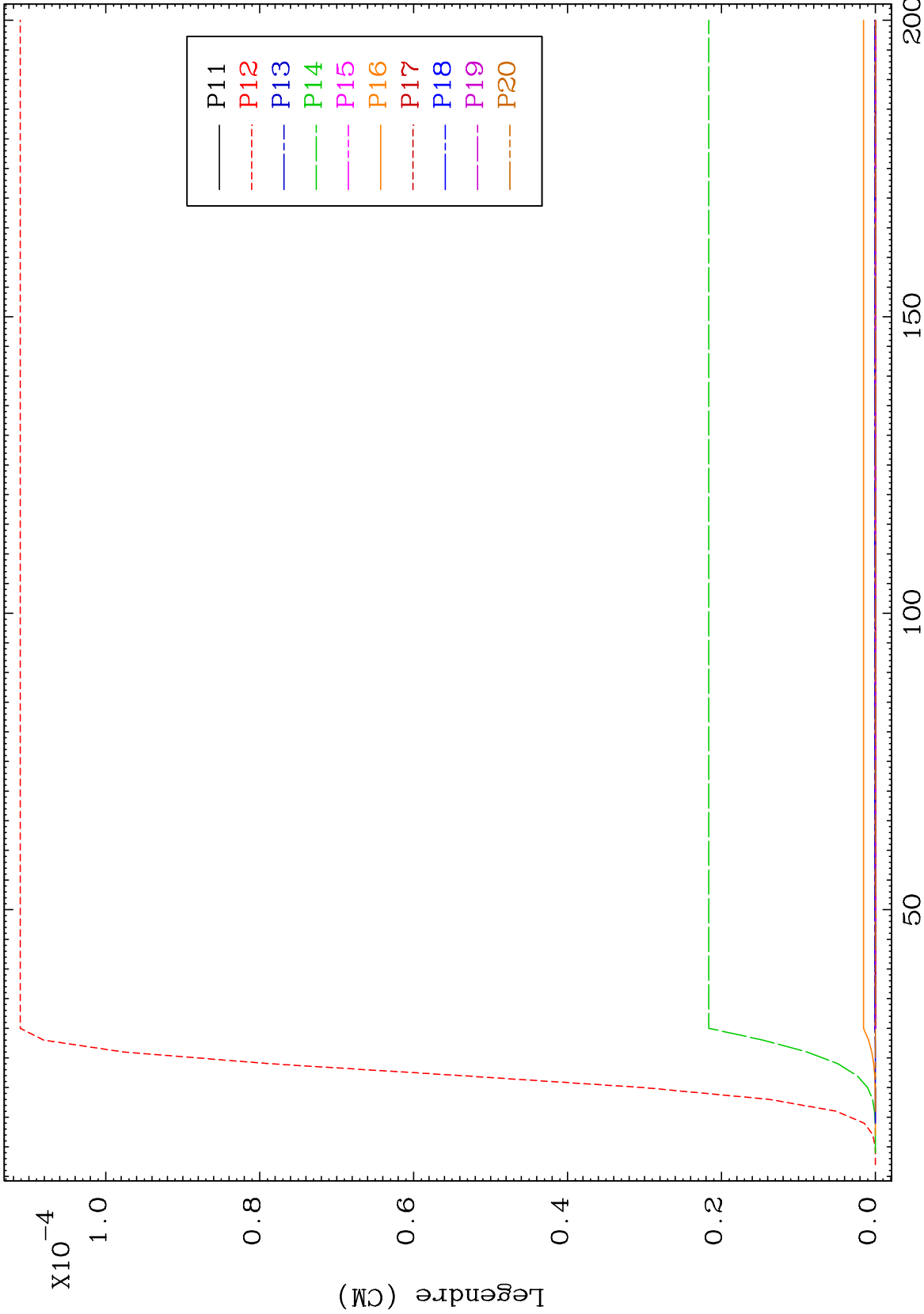
Incident Energy (MeV)

22-Ti-54

MAT 2249

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

22-Ti-54

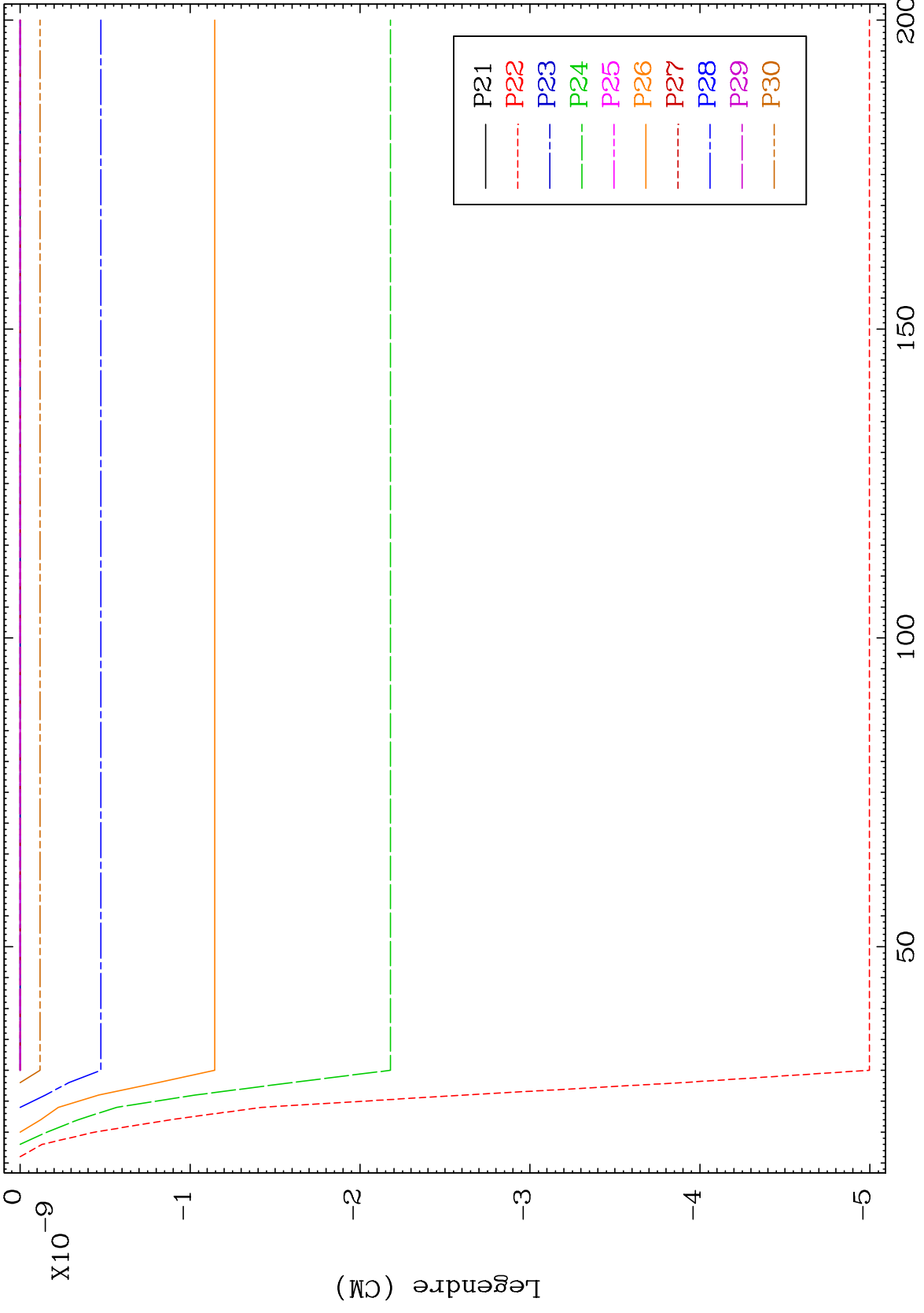


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Incident Energy (MeV)

22-Ti-54

MAT 2249 MT= 55 (n,n') Level Legendre Coefficients 22-Ti-54



30 Incident Energy (MeV) 22-Ti-54