

Program EVALPLOT
(Version 2018-1)

by

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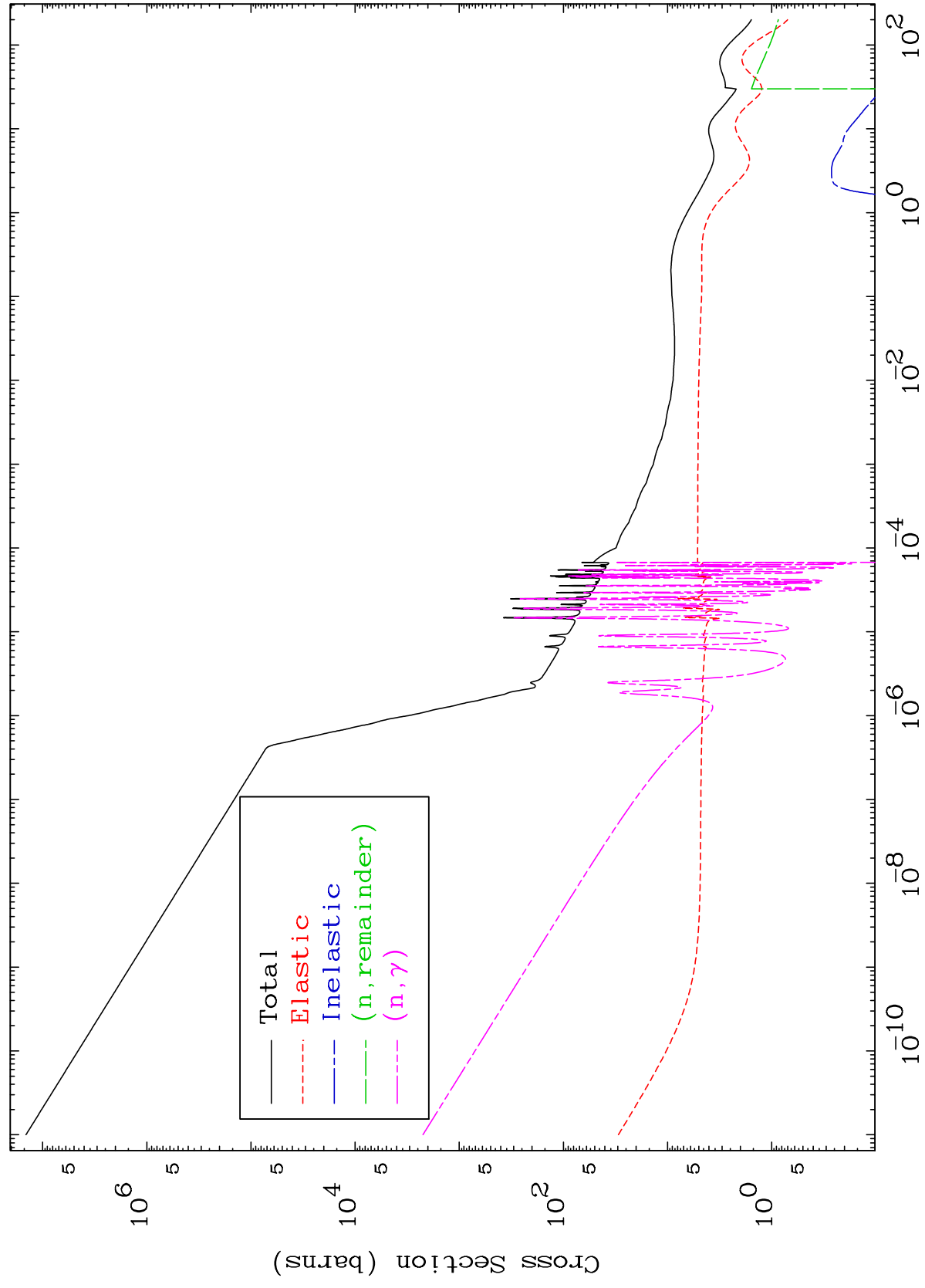
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4289

Major
293 Kelvin Cross Sections

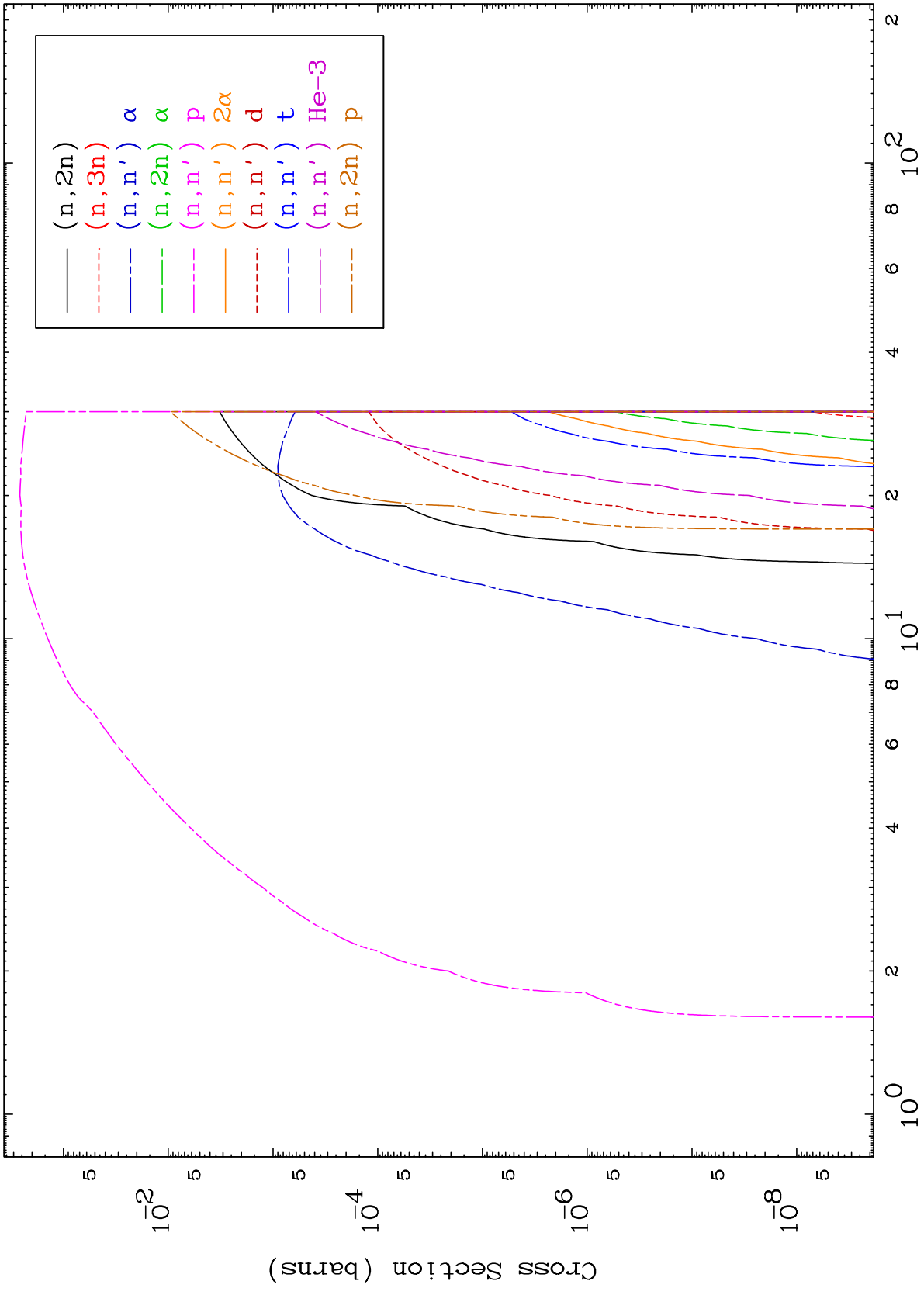
43-Tc-87



MAT 4289

Neutron Production 293 Kelvin Cross Sections

43-Tc-87



2

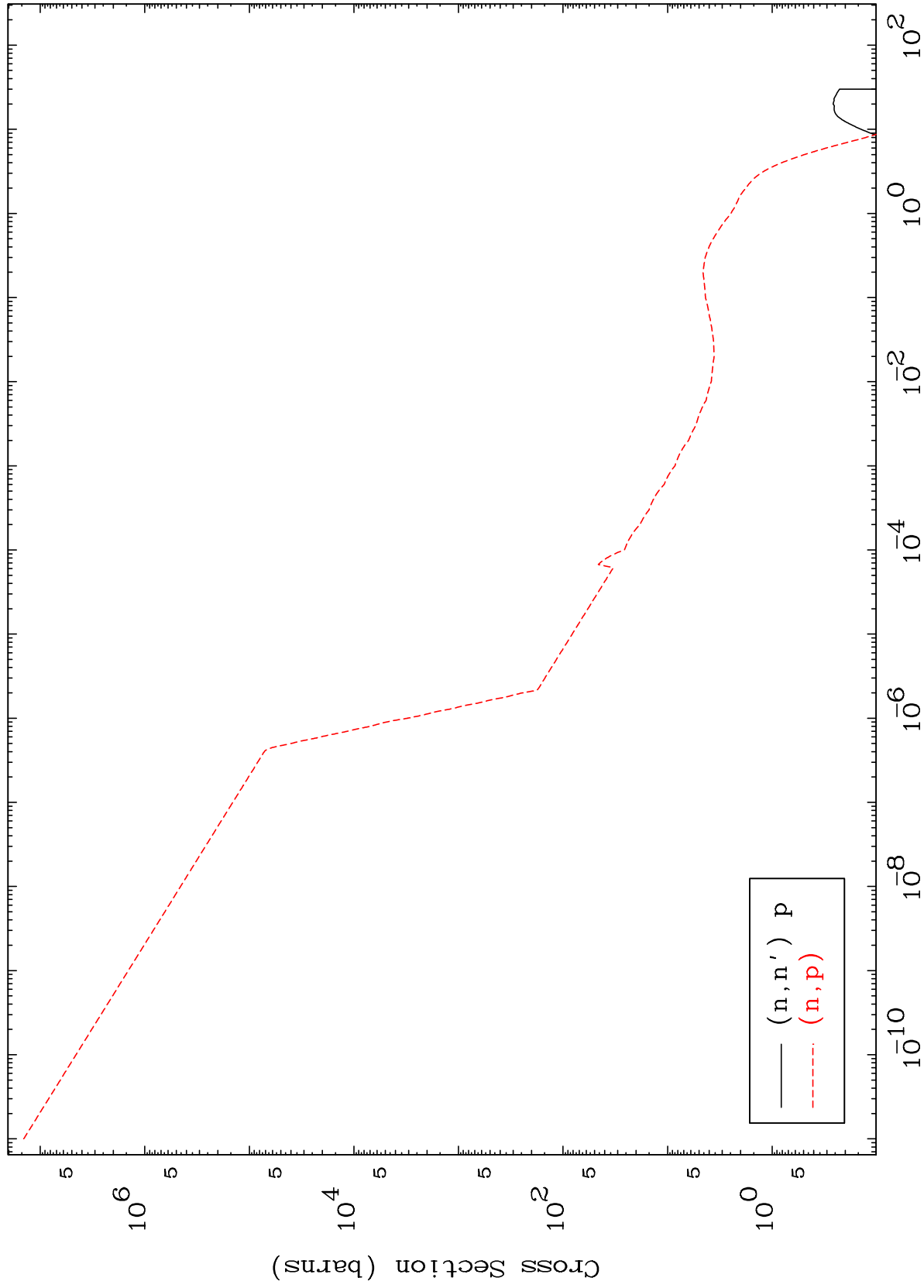
Incident Energy (MeV)

43-Tc-87

MAT 4289

Charged Particle
293 Kelvin Cross Sections

43-Tc-87



3

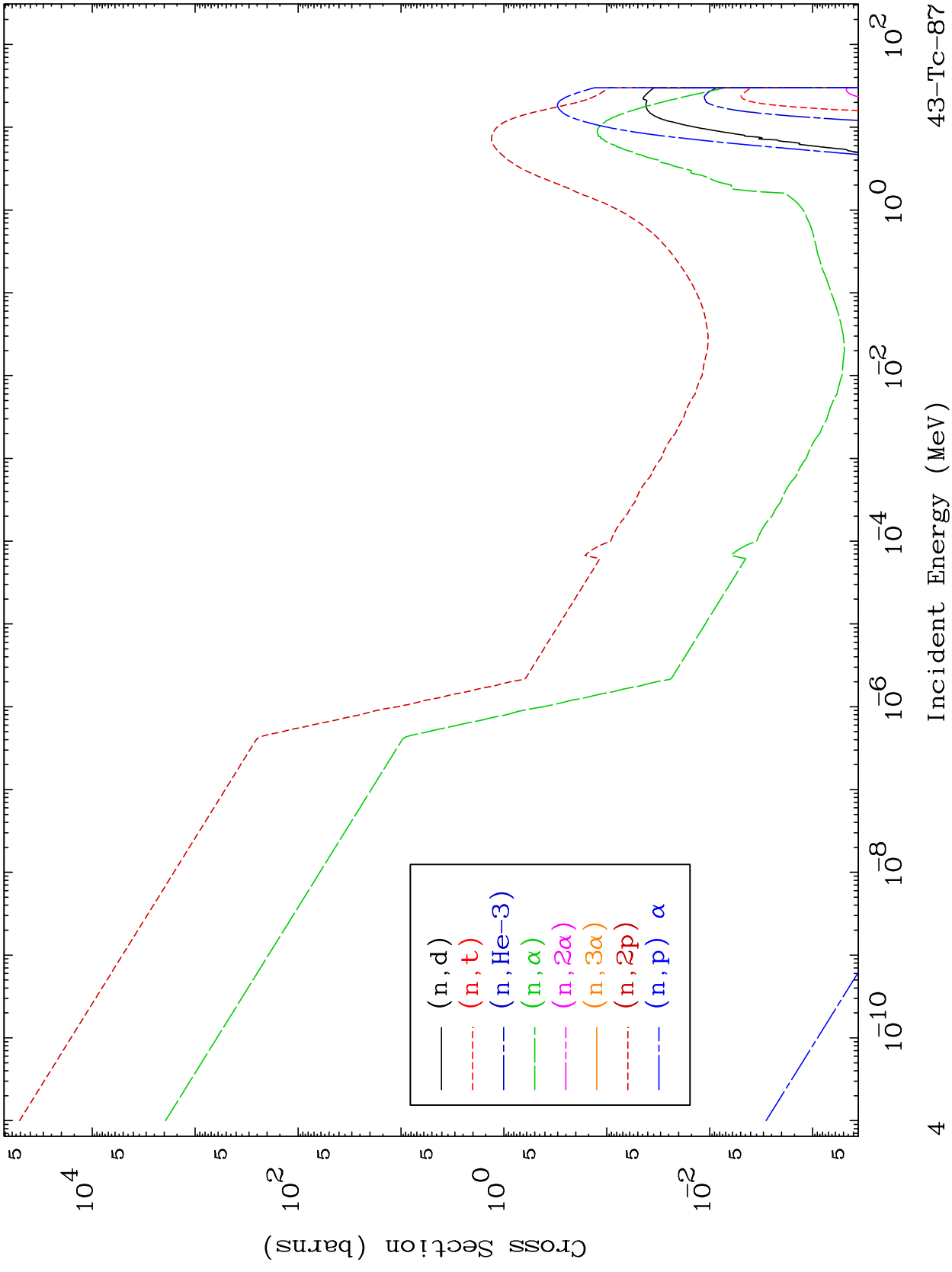
Incident Energy (MeV)

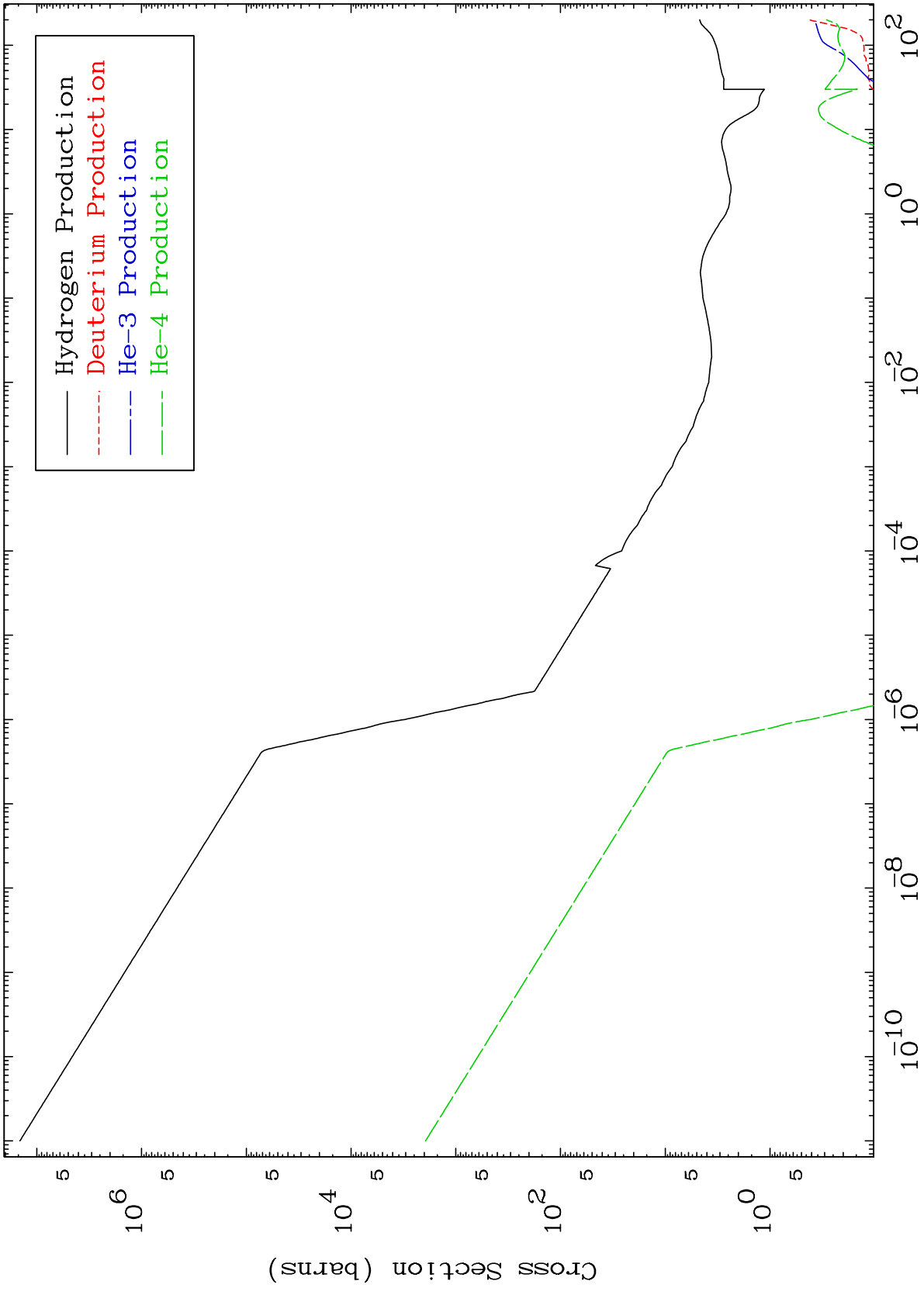
43-Tc-87

MAT 4289

Charged Particle
293 Kelvin Cross Sections

43-Tc-87

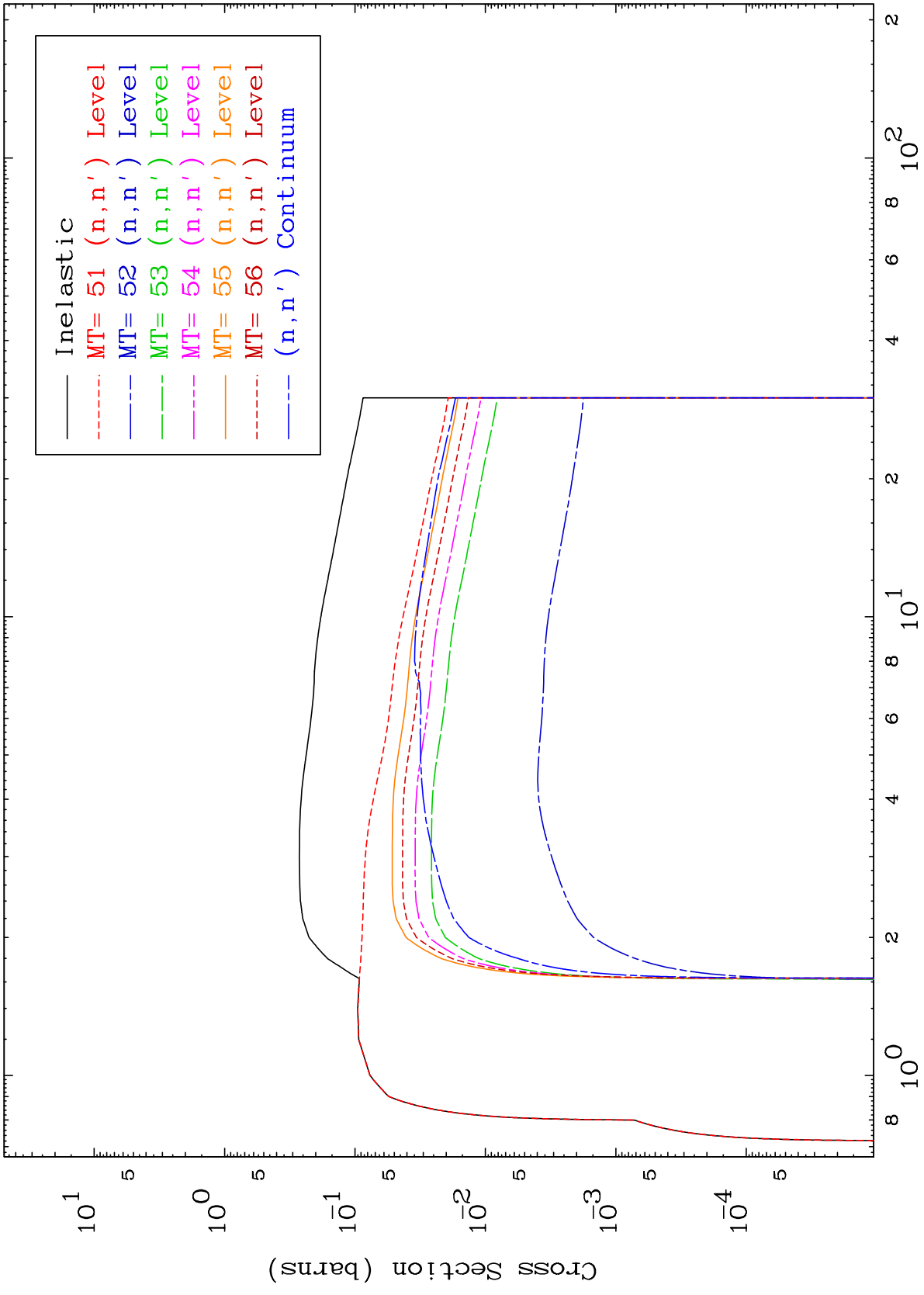




MAT 4289

(n,n') Level
293 Kelvin Cross Sections

43-Tc-87



6

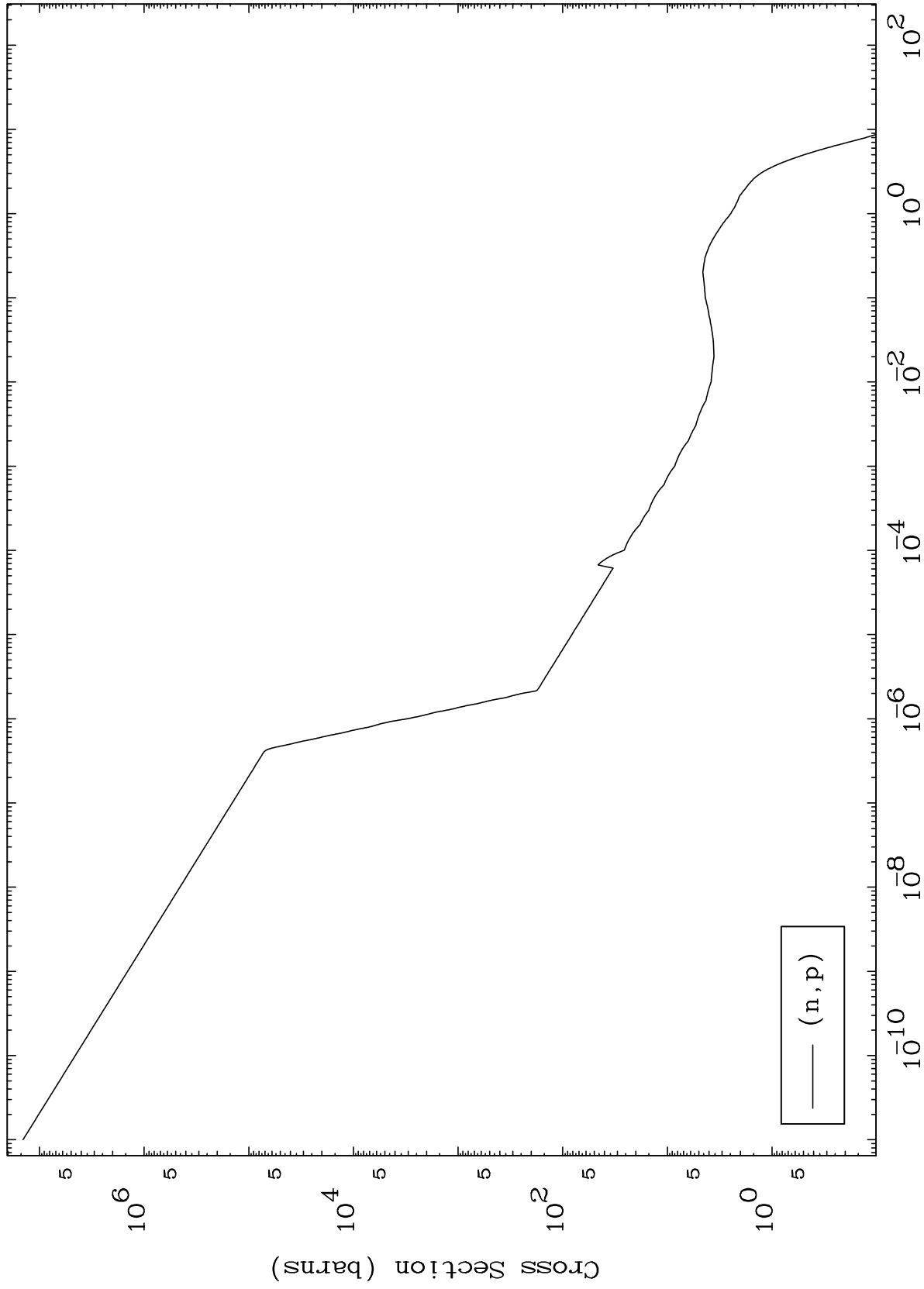
Incident Energy (MeV)

43-Tc-87

MAT 4289

(n,p) Levels
293 Kelvin Cross Sections

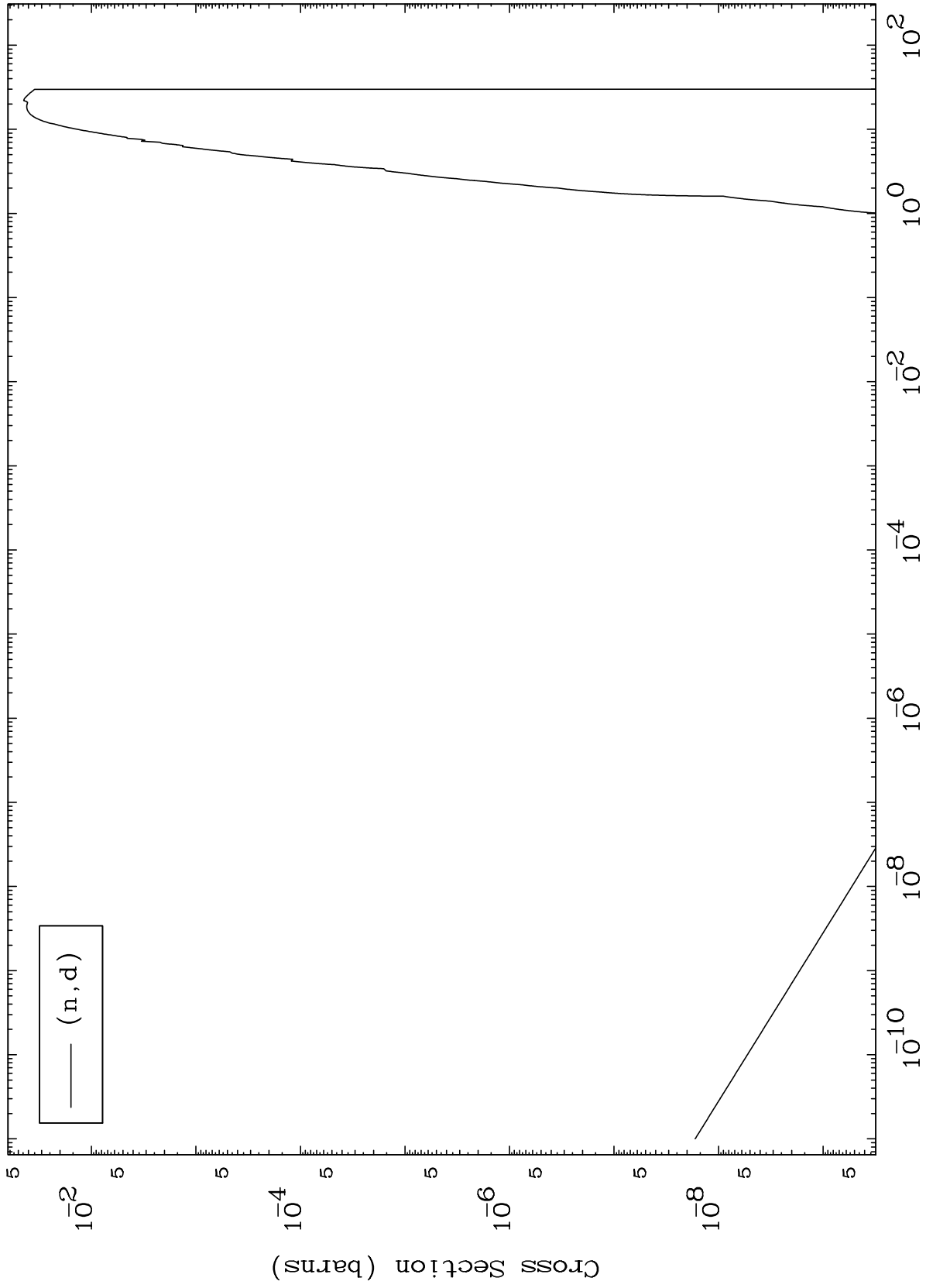
43-Tc-87



MAT 4289

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-87

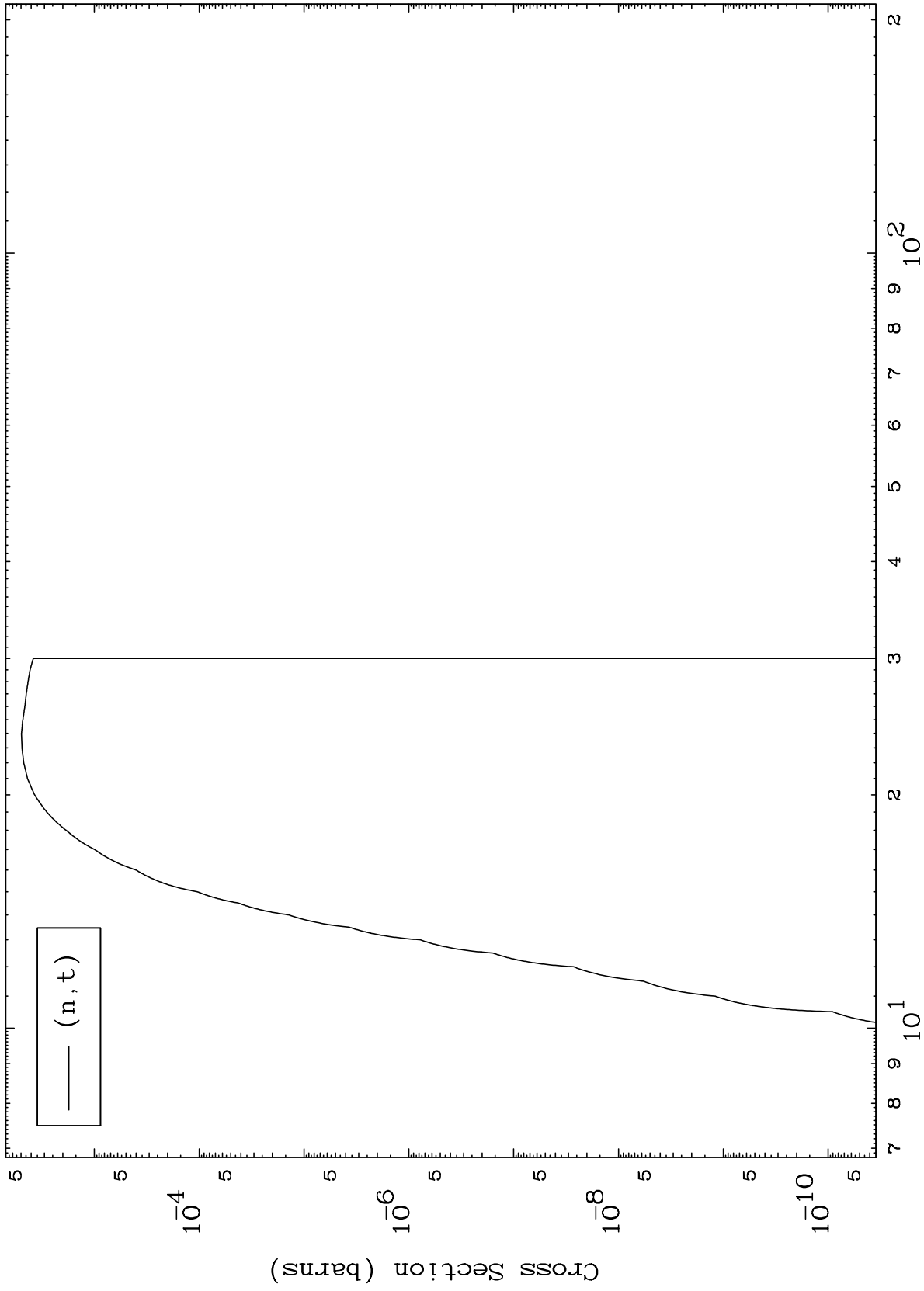


43-Tc-87

MAT 4289

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-87



9

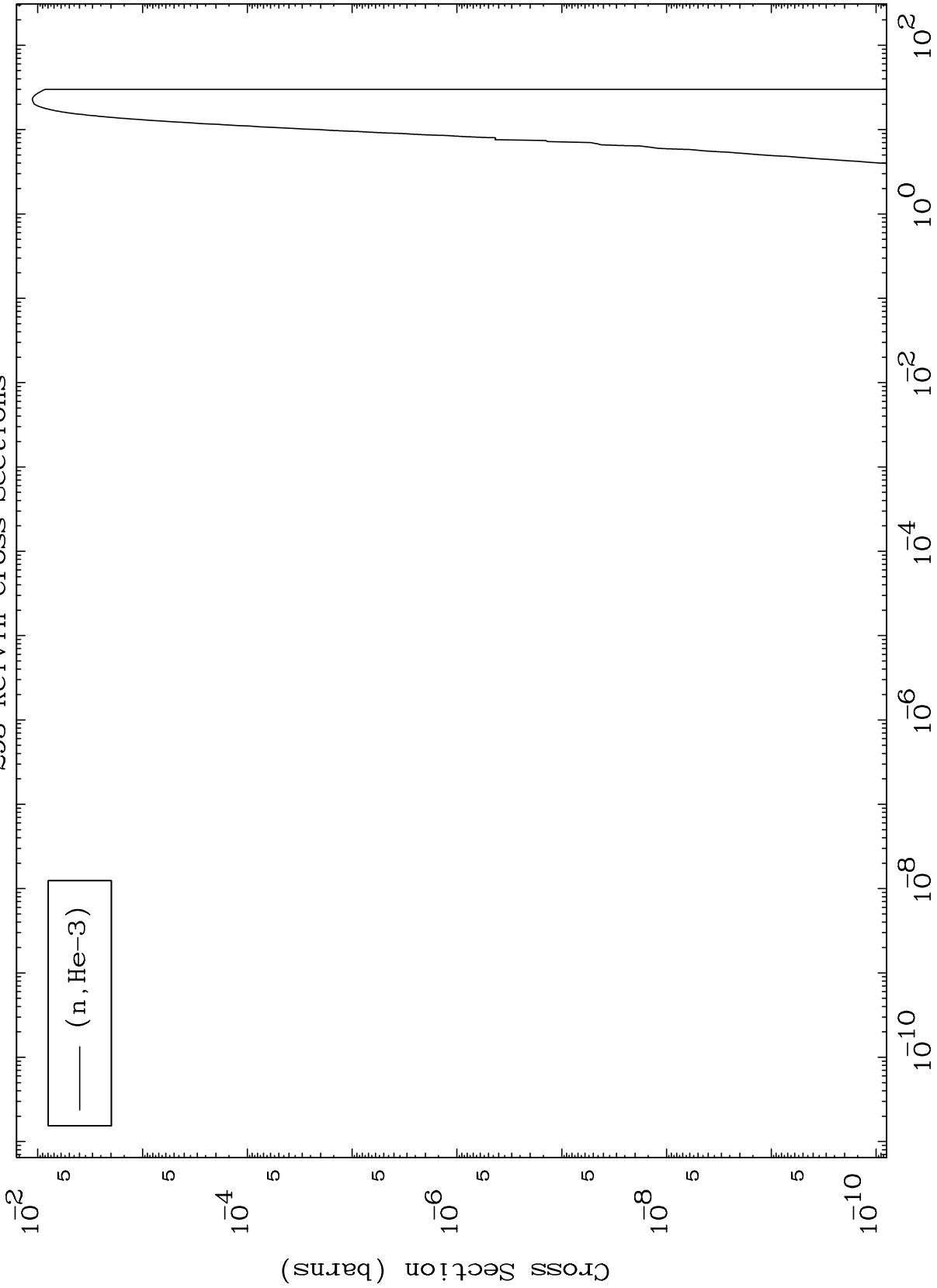
Incident Energy (MeV)

43-Tc-87

MAT 4289

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-87



10

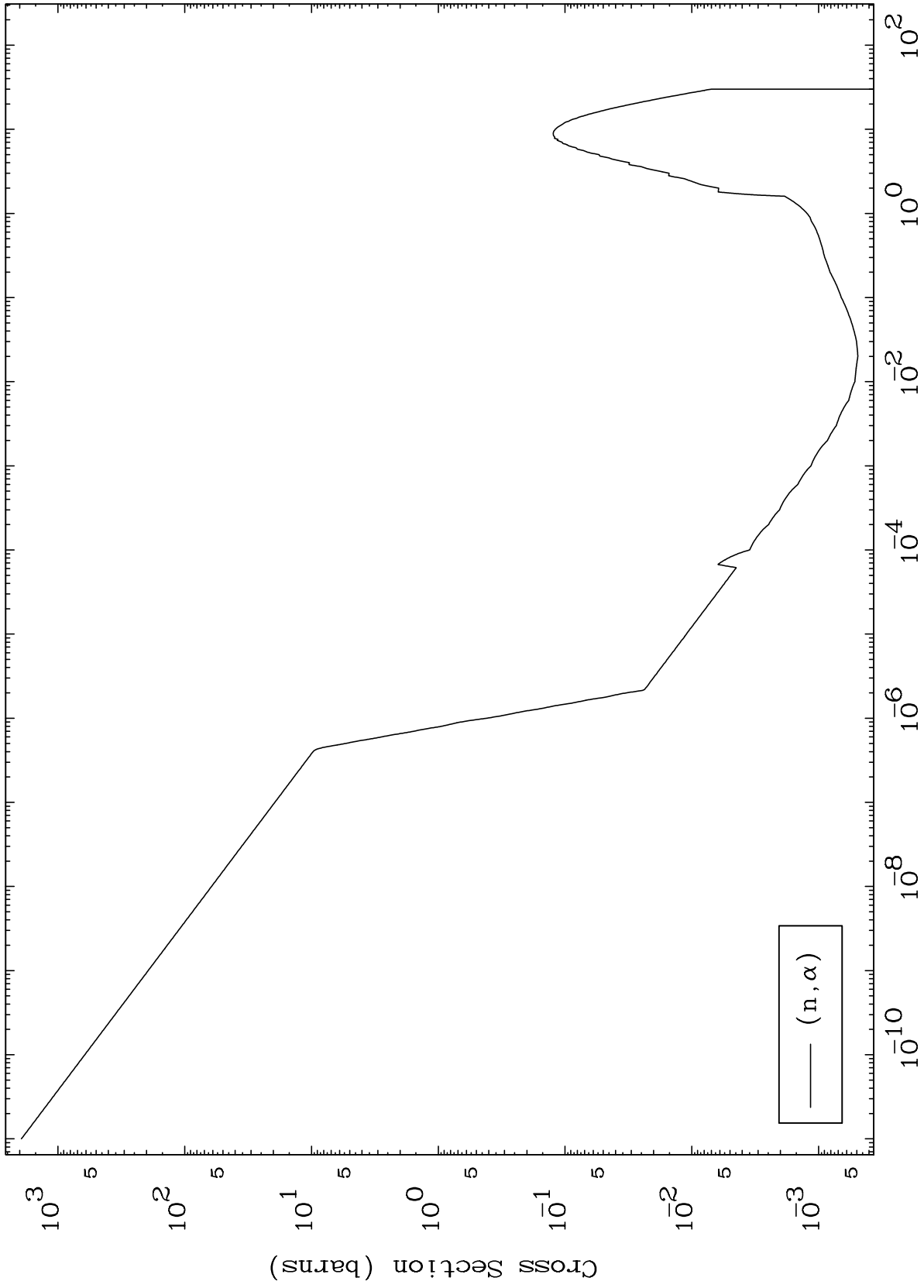
Incident Energy (MeV)

43-Tc-87

MAT 4289

(n,α) Levels
293 Kelvin Cross Sections

43-Tc-87



11

Incident Energy (MeV)

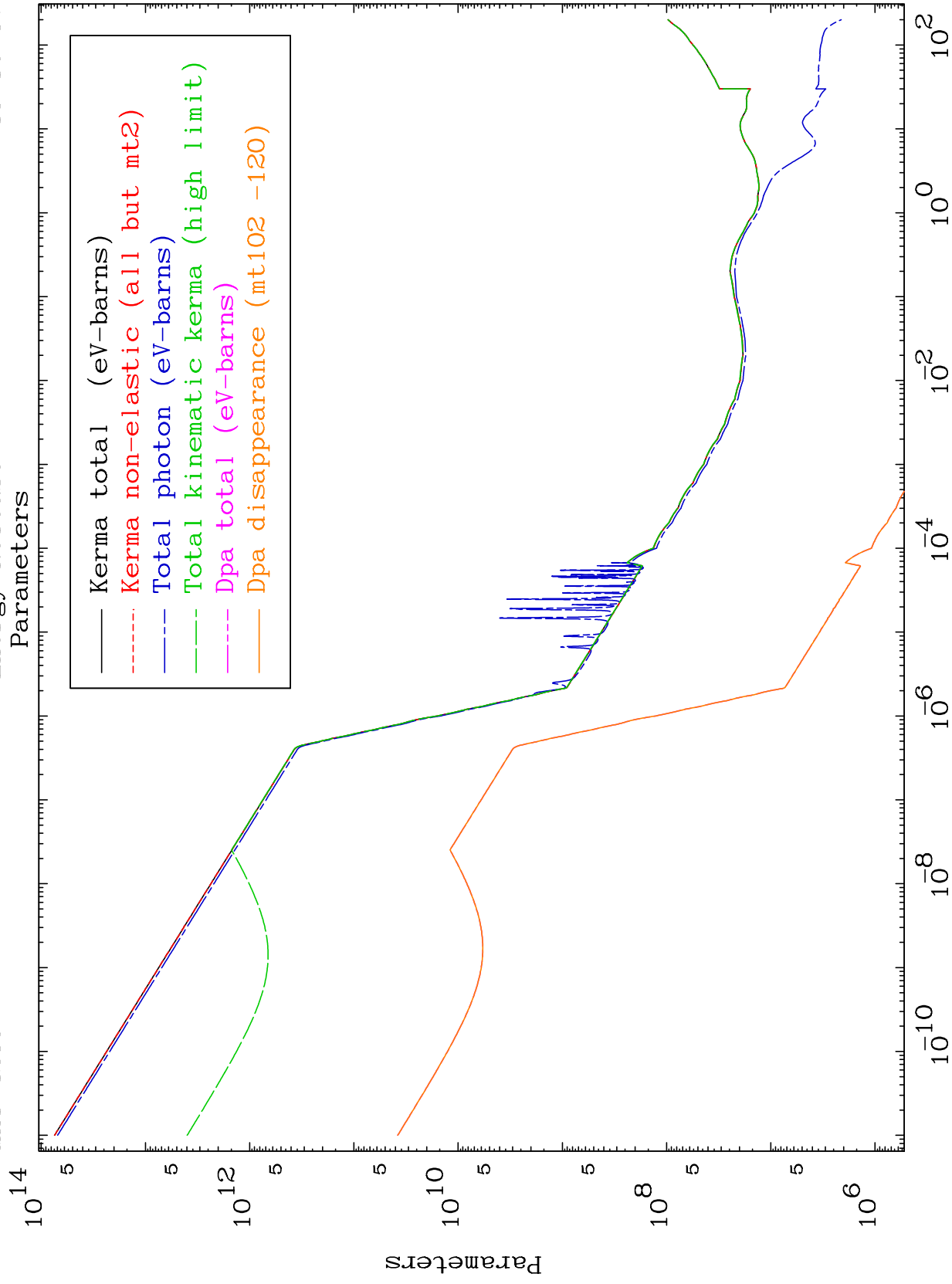
43-Tc-87

— (n,α)

MAT 4289

Energy Release
Parameters

43-Tc-87



12

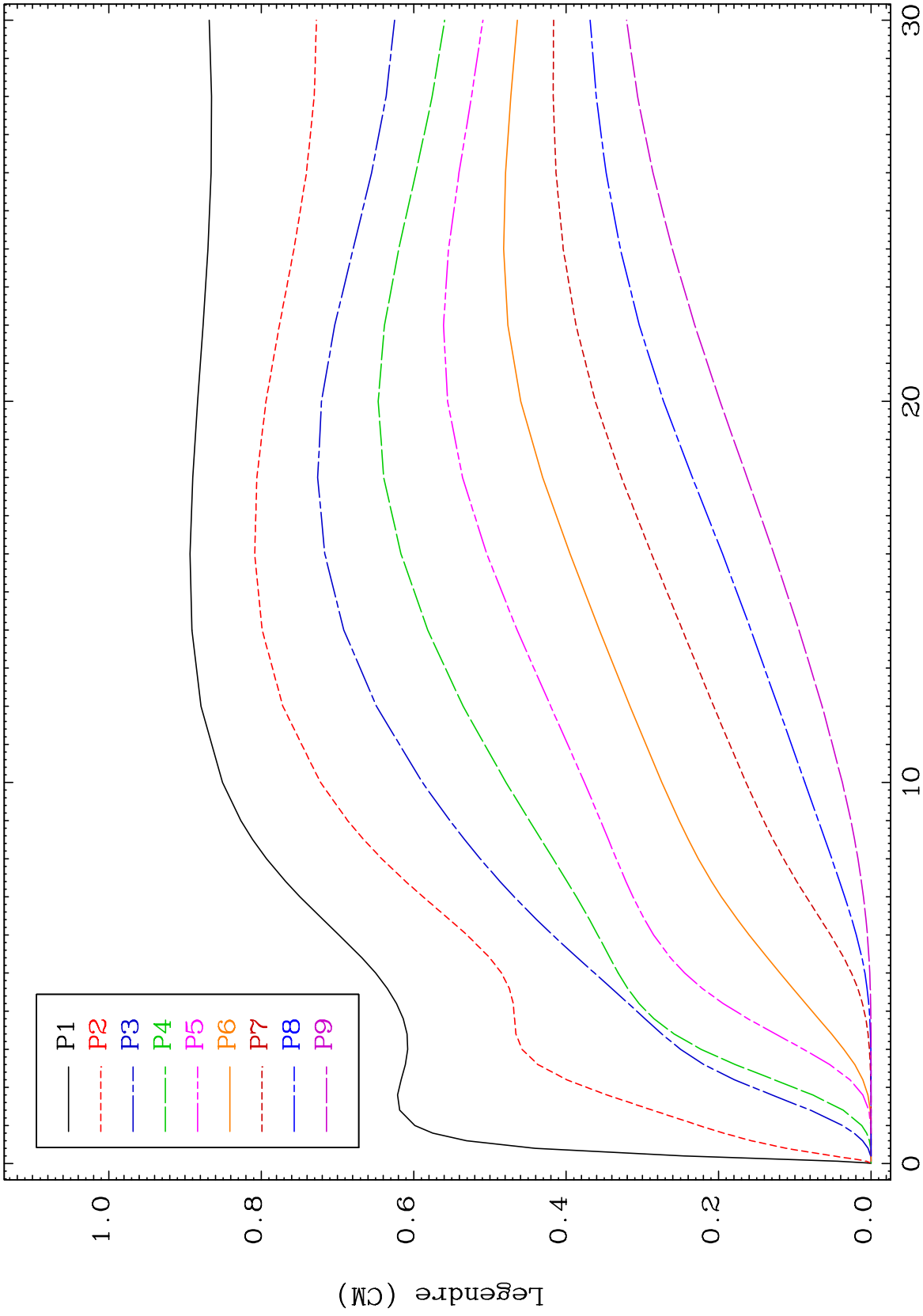
Incident Energy (MeV)

43-Tc-87

MAT 4289

Elastic Legendre Coefficients

43-Tc-87



13

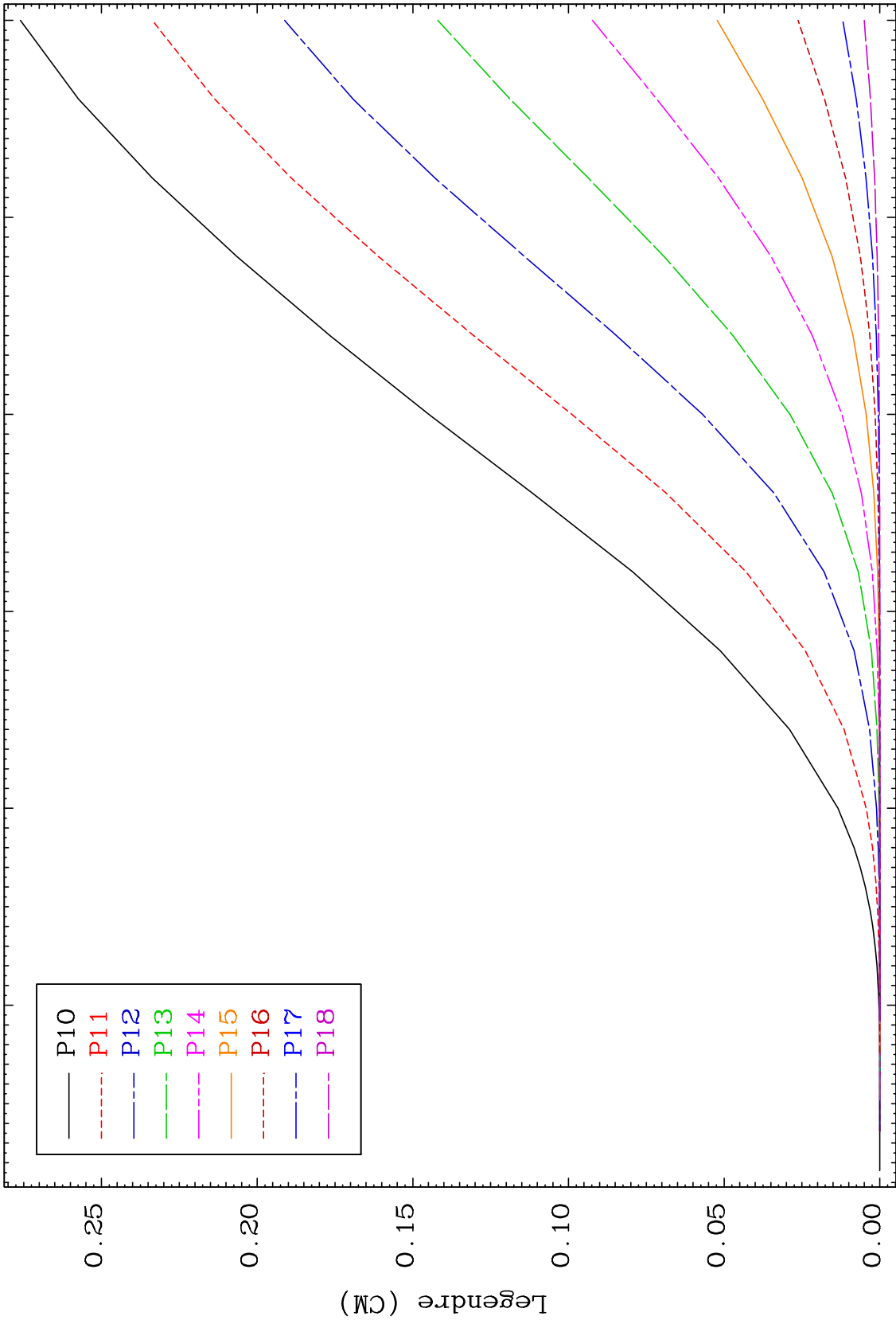
Incident Energy (MeV)

43-Tc-87

MAT 4289

Elastic Legendre Coefficients

43-Tc-87



14

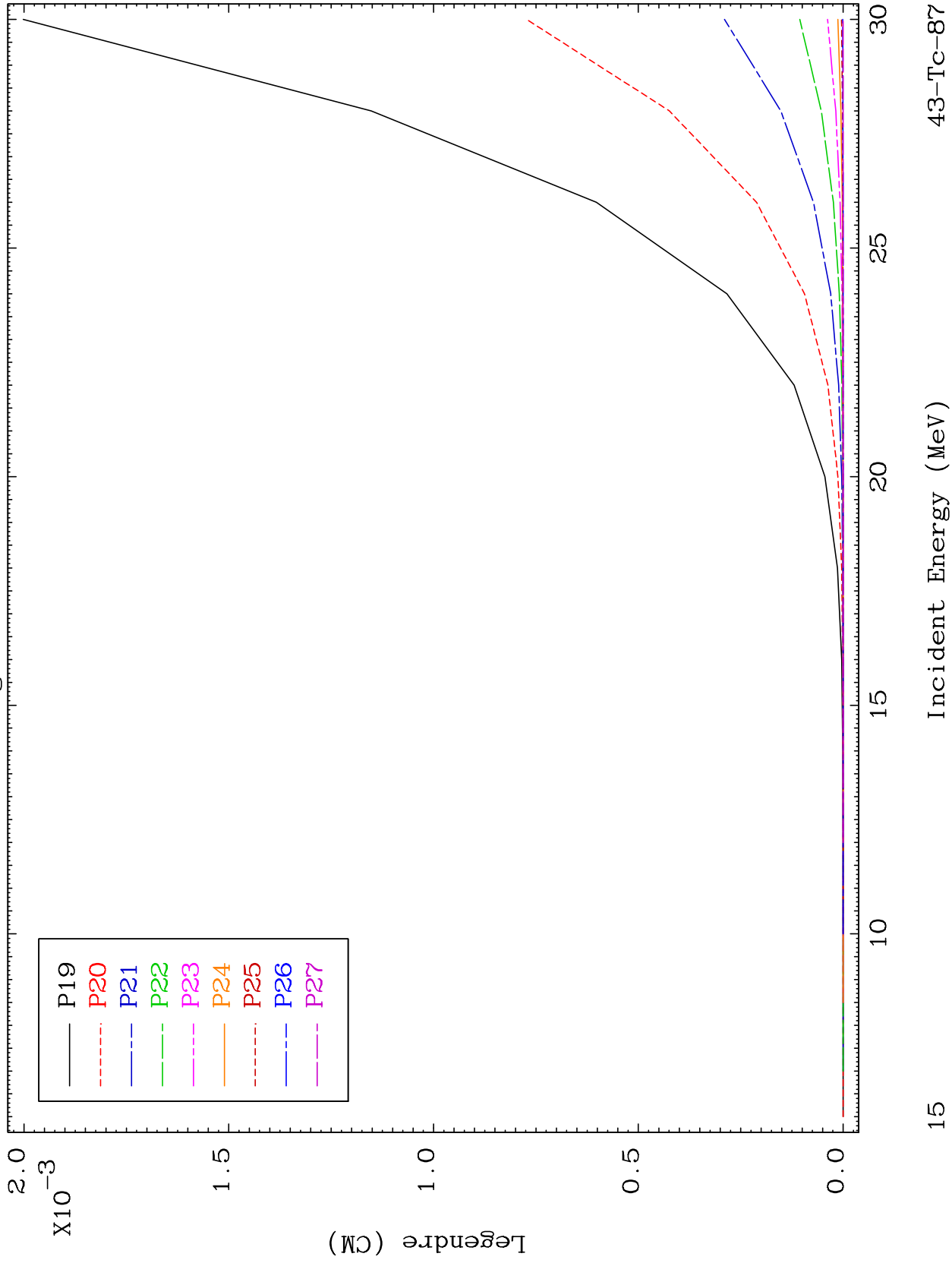
Incident Energy (MeV)

43-Tc-87

MAT 4289

Elastic Legendre Coefficients

43-Tc-87



15

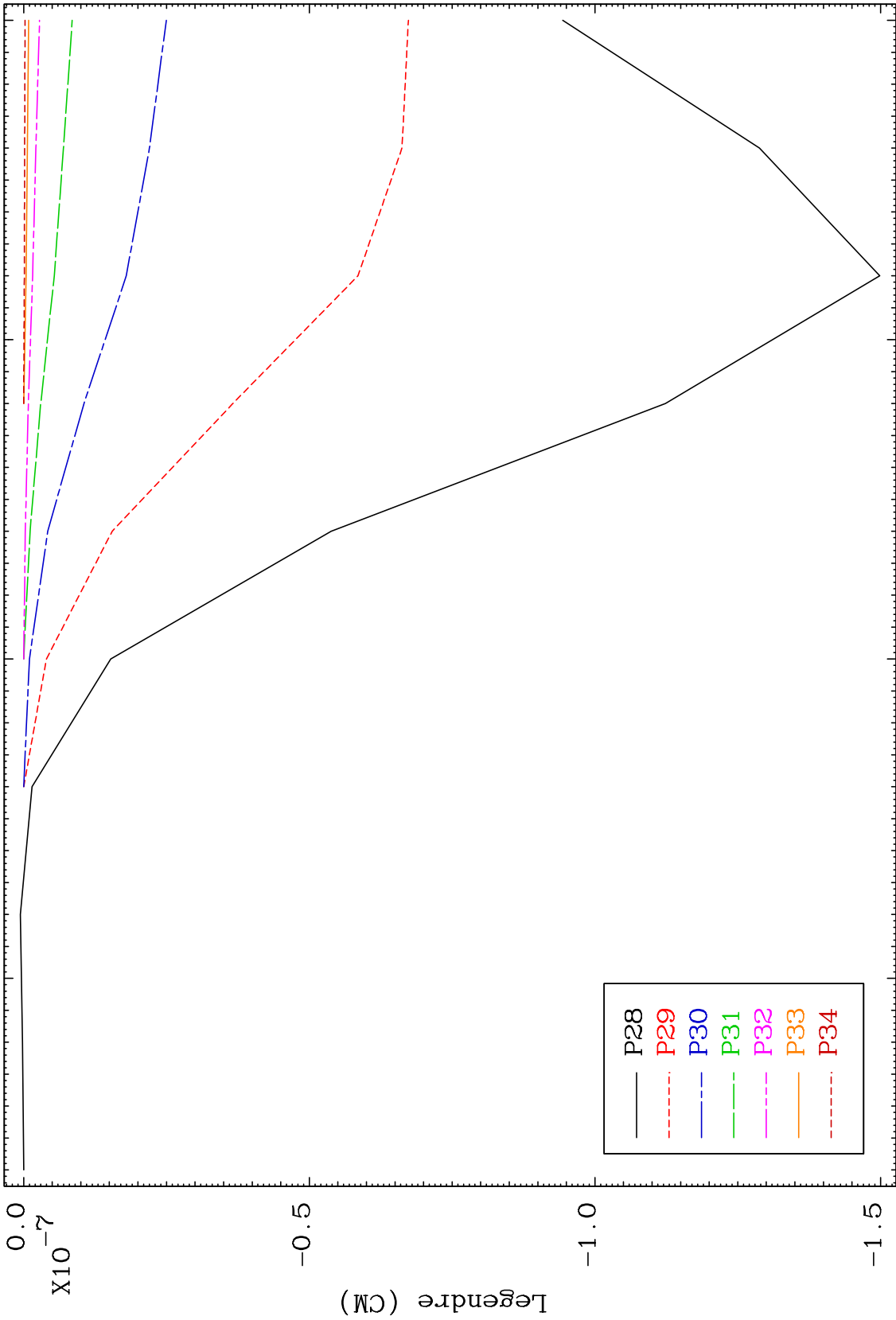
Incident Energy (MeV)

43-Tc-87

MAT 4289

43-Tc-87

Elastic Legendre Coefficients



16

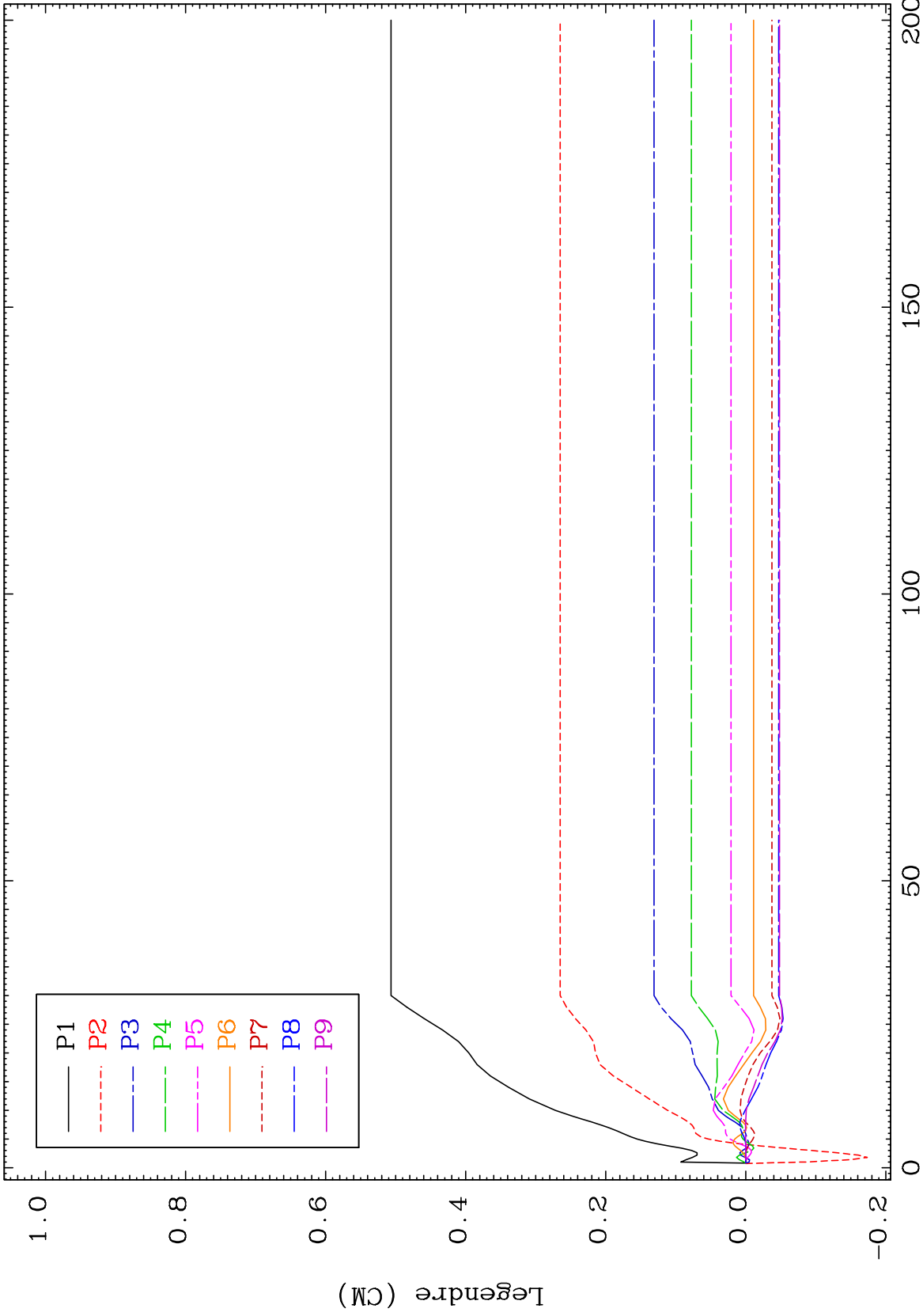
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



17

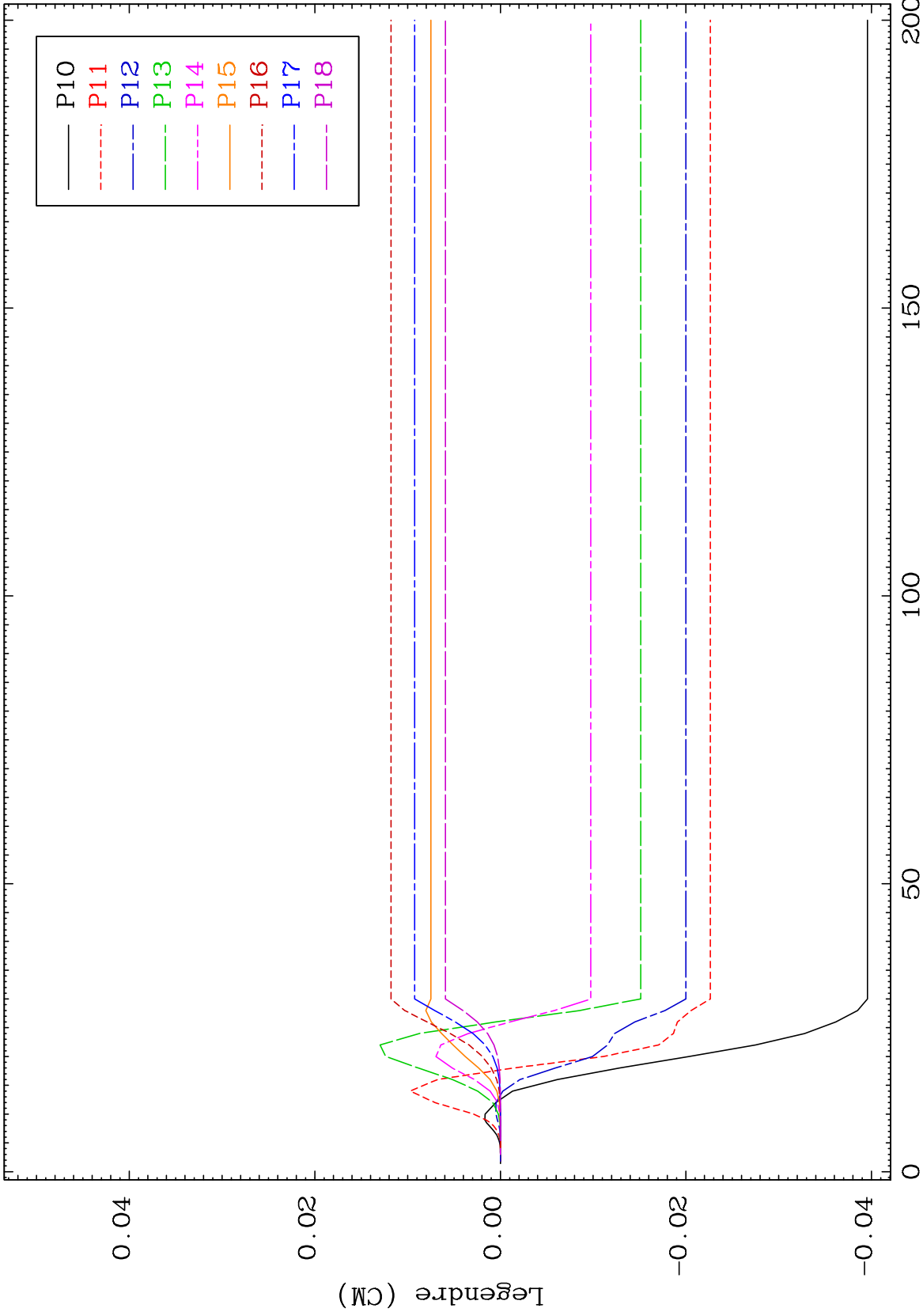
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



18

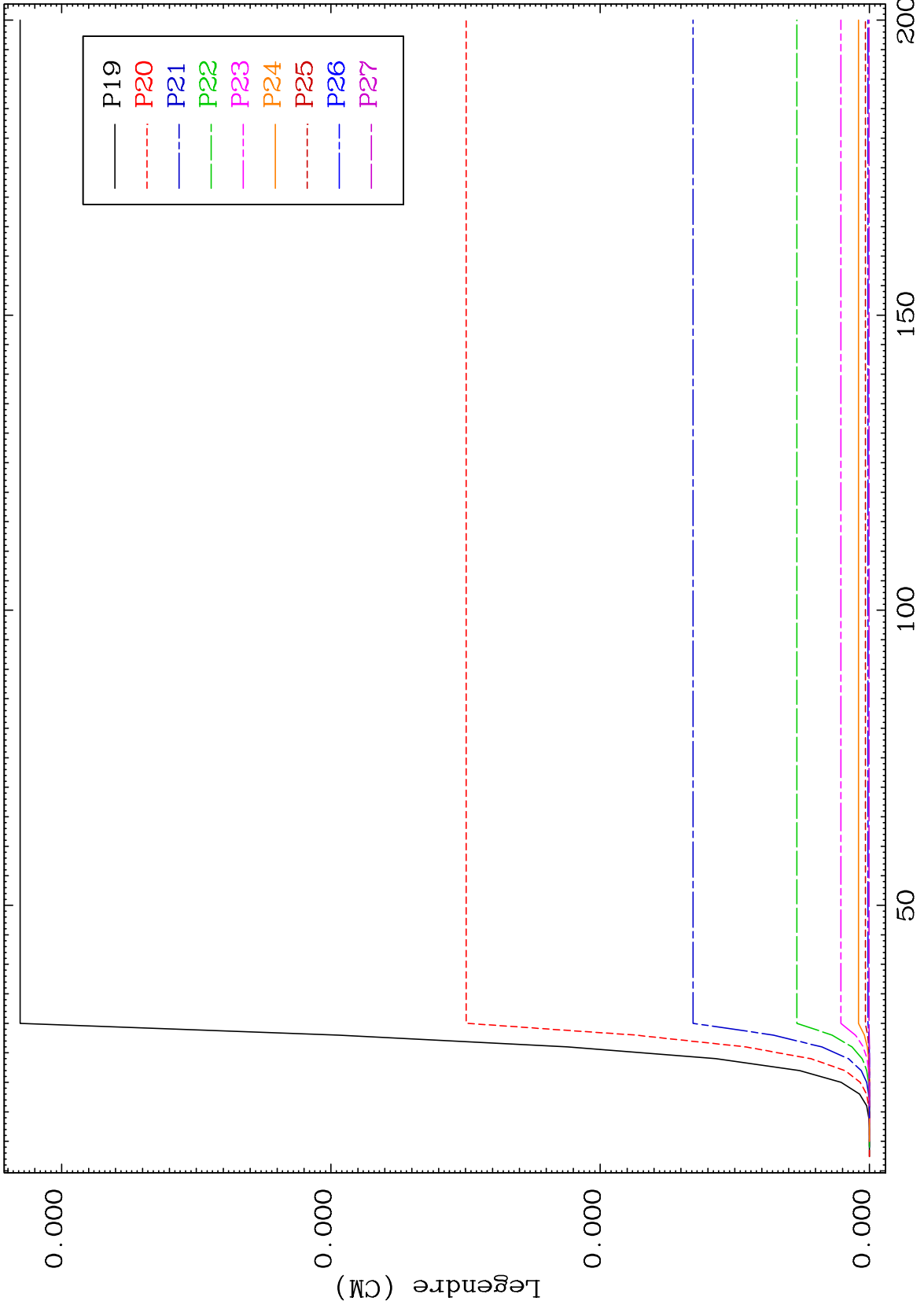
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



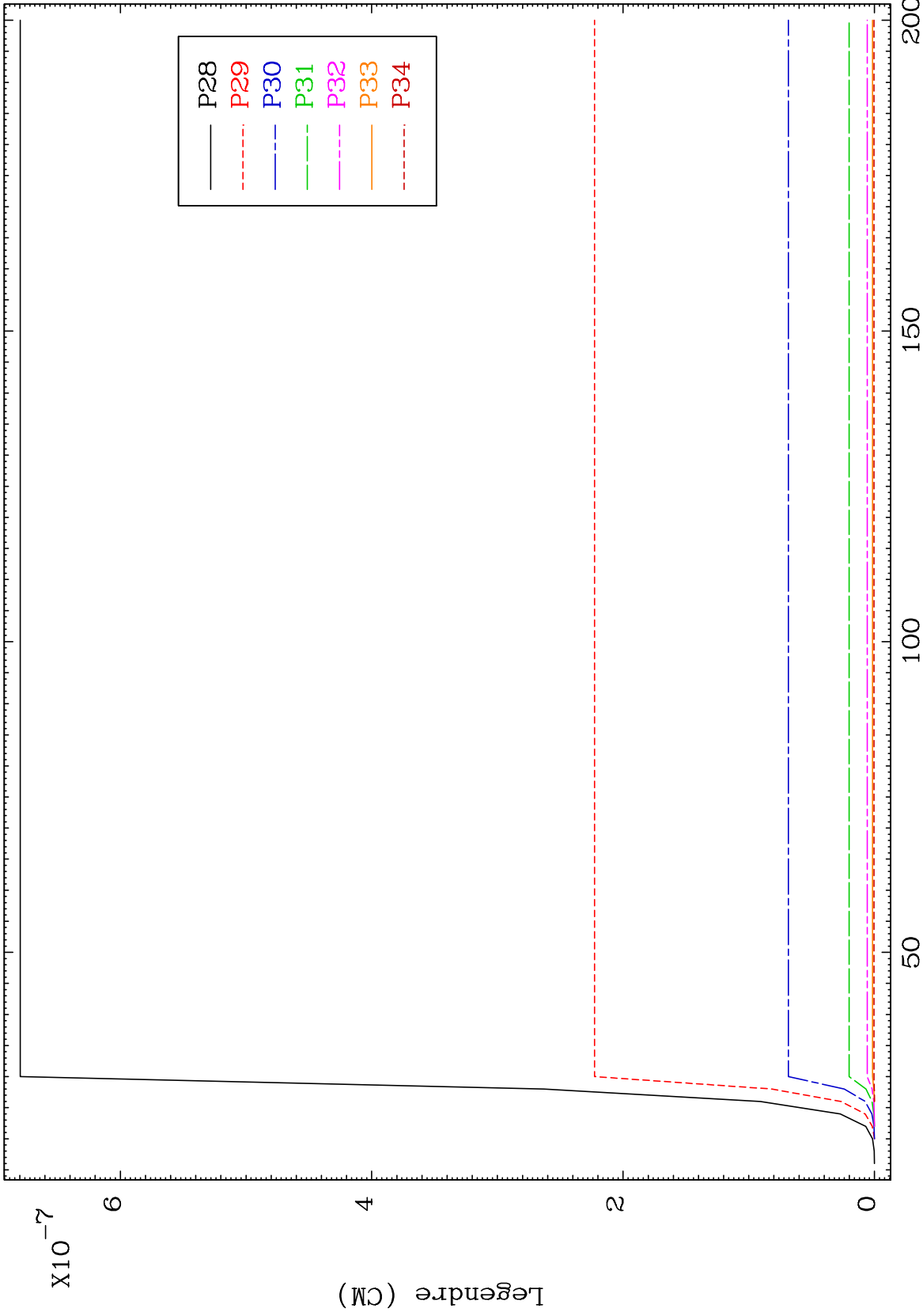
19

43-Tc-87

MAT 4289

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

43-Tc-87



20

Incident Energy (MeV)

50

100

150

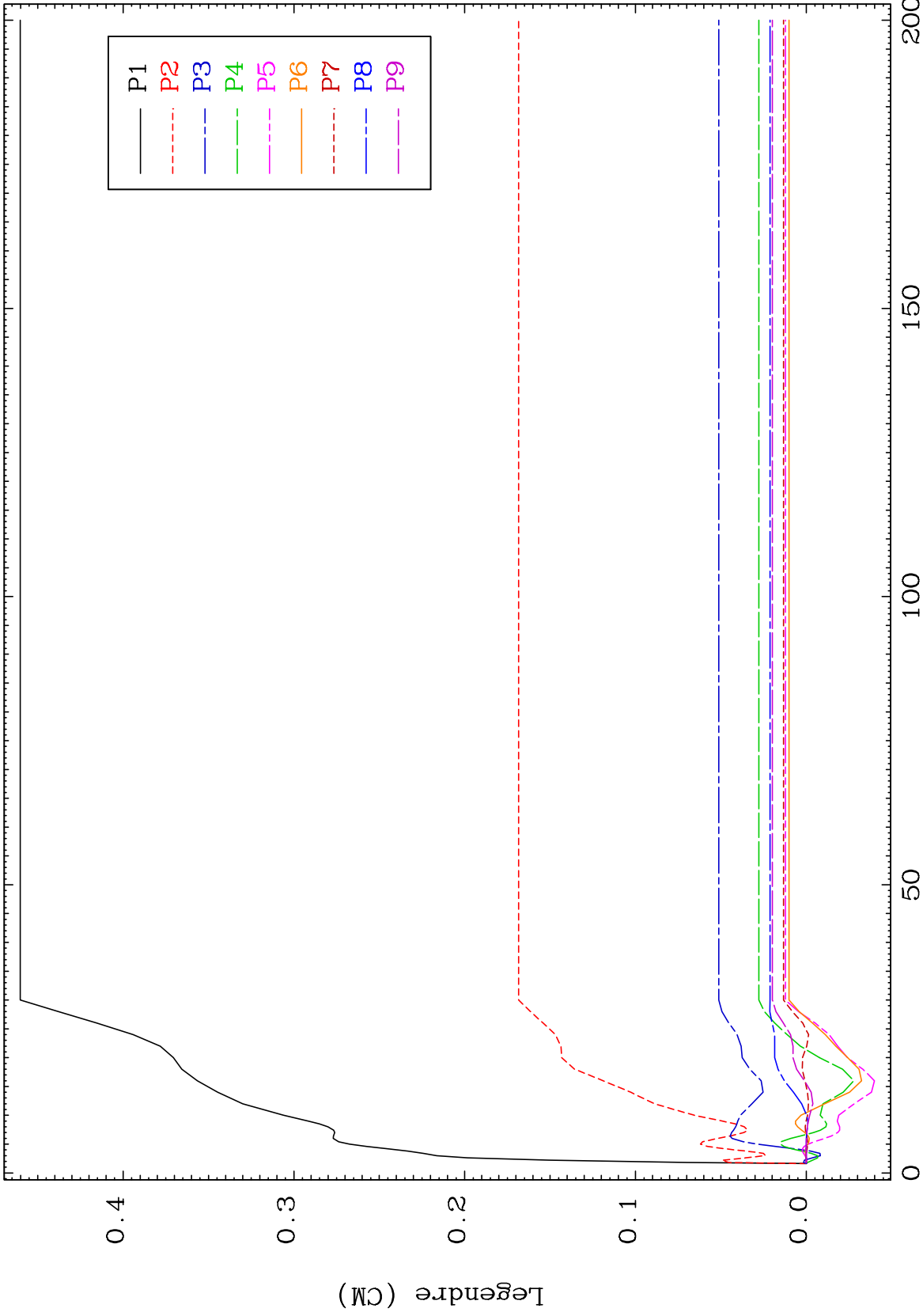
200

43-Tc-87

MAT 4289

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

43-Tc-87



21

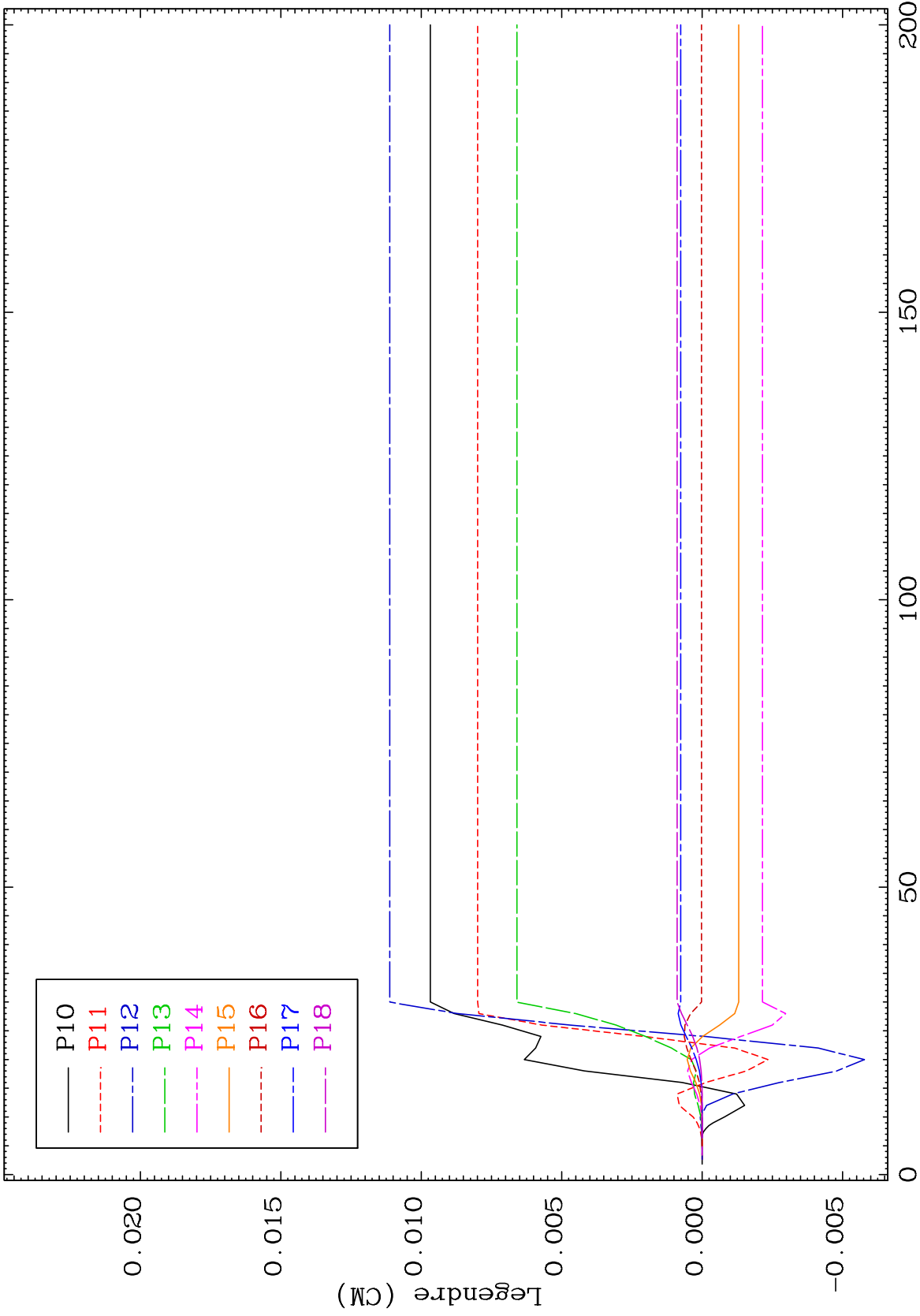
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



22

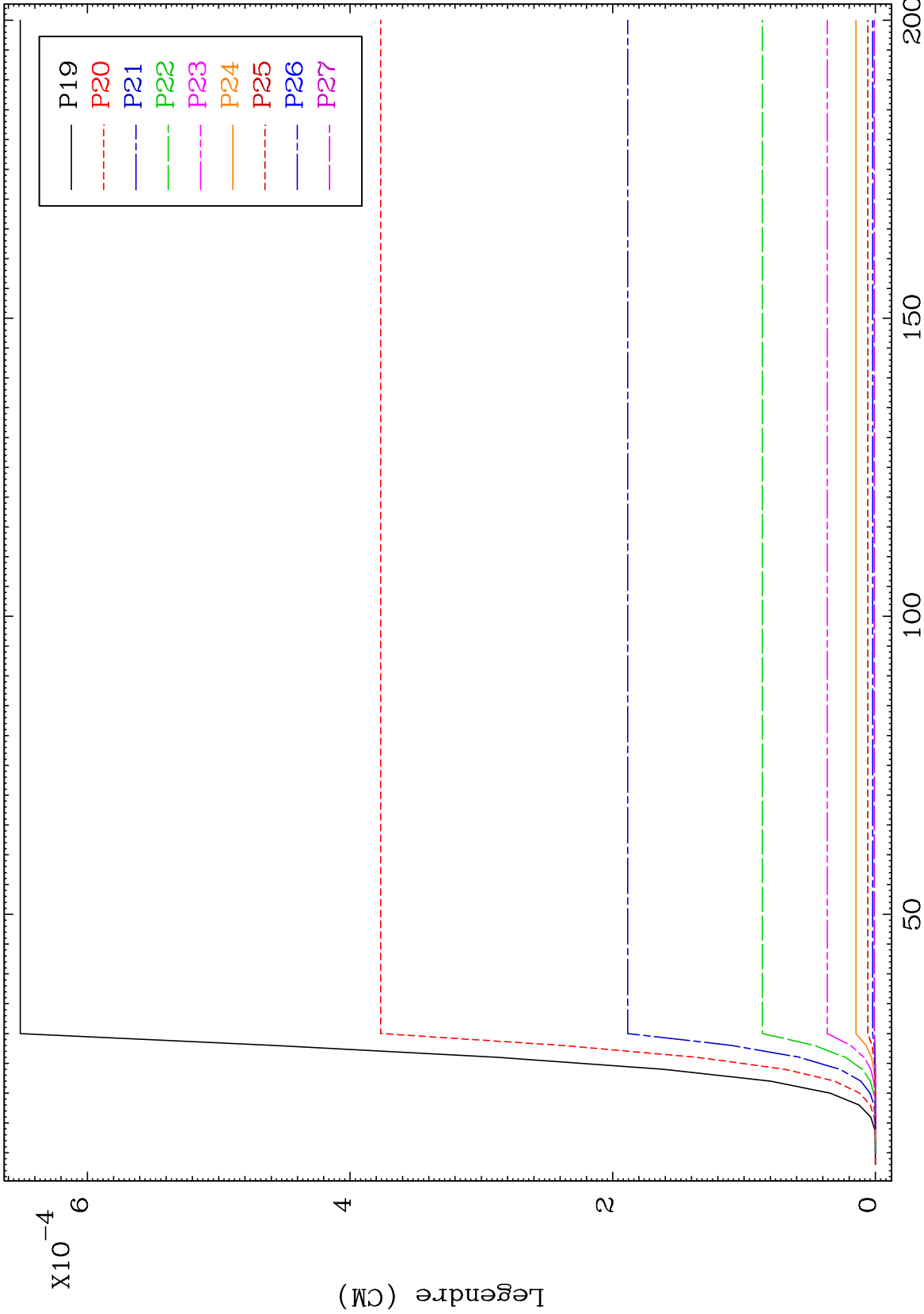
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



23

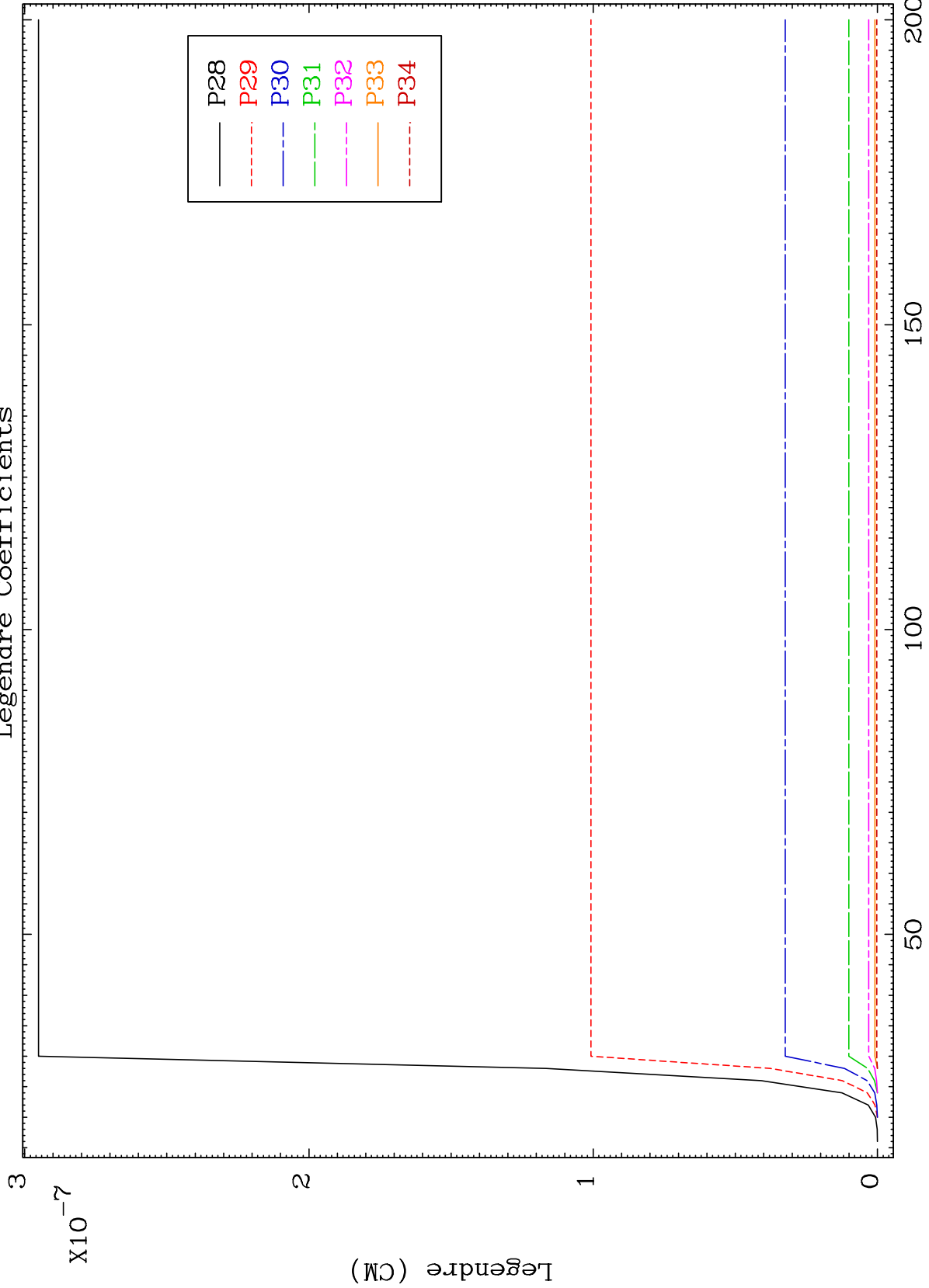
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



24

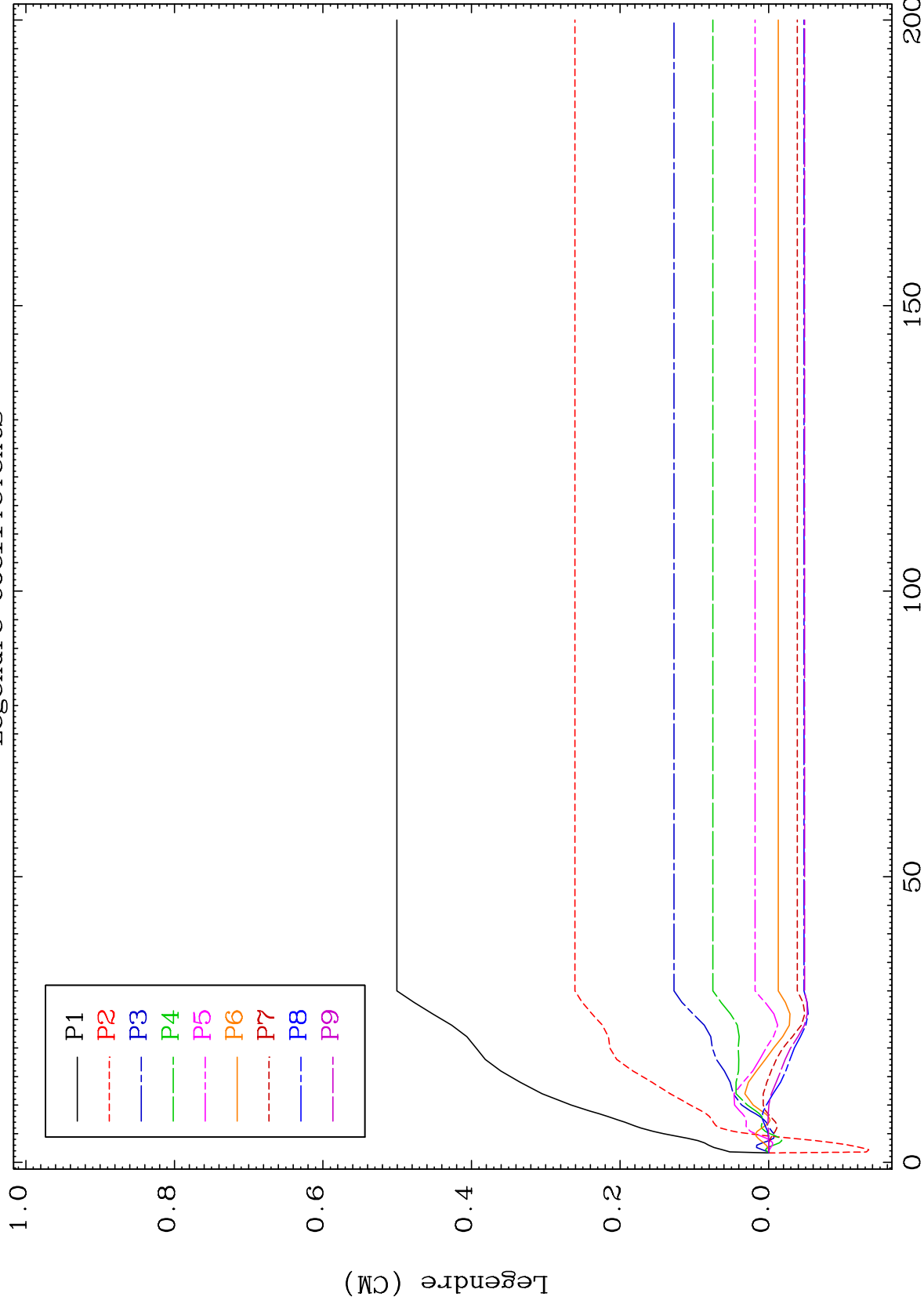
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



25

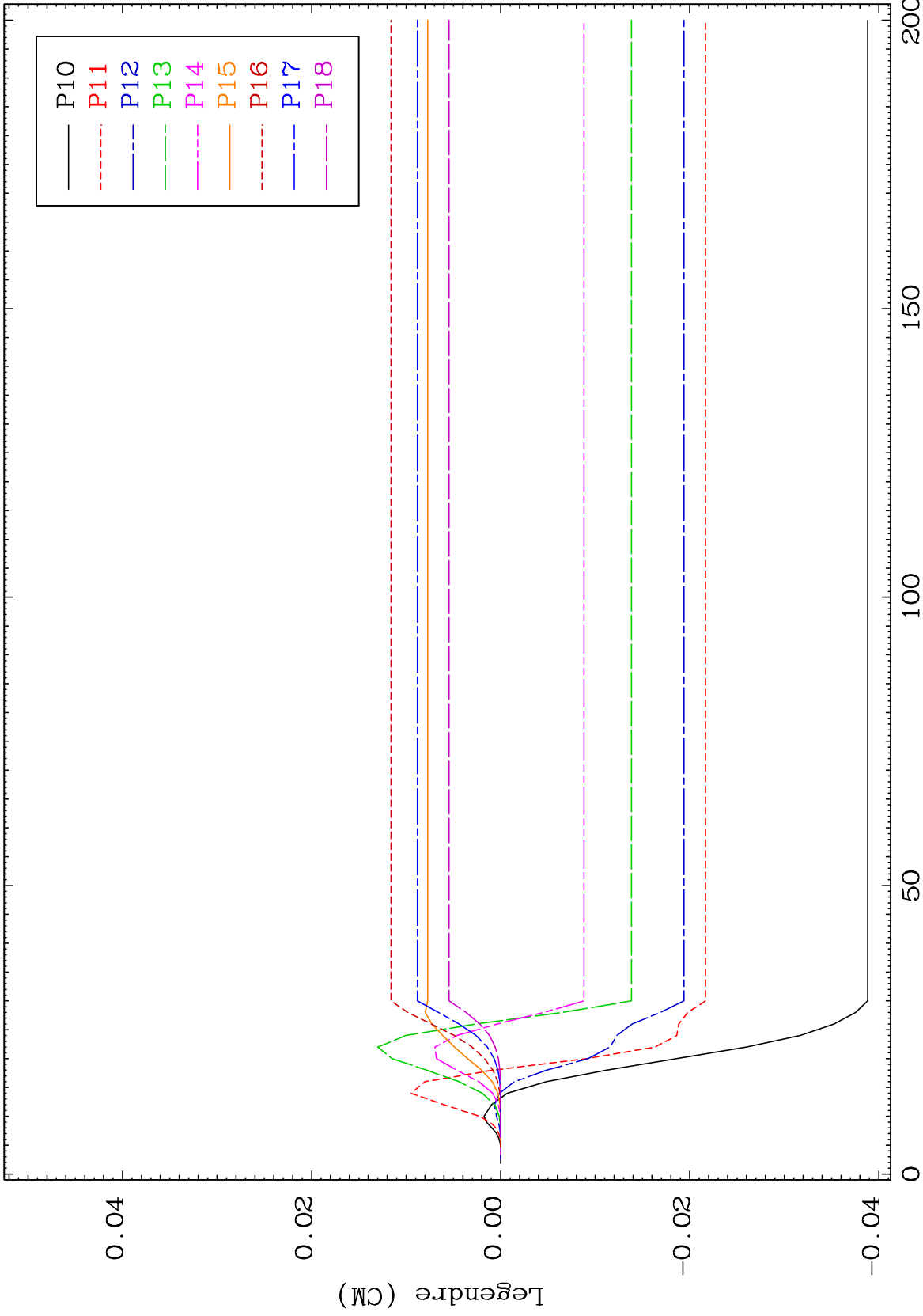
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



26

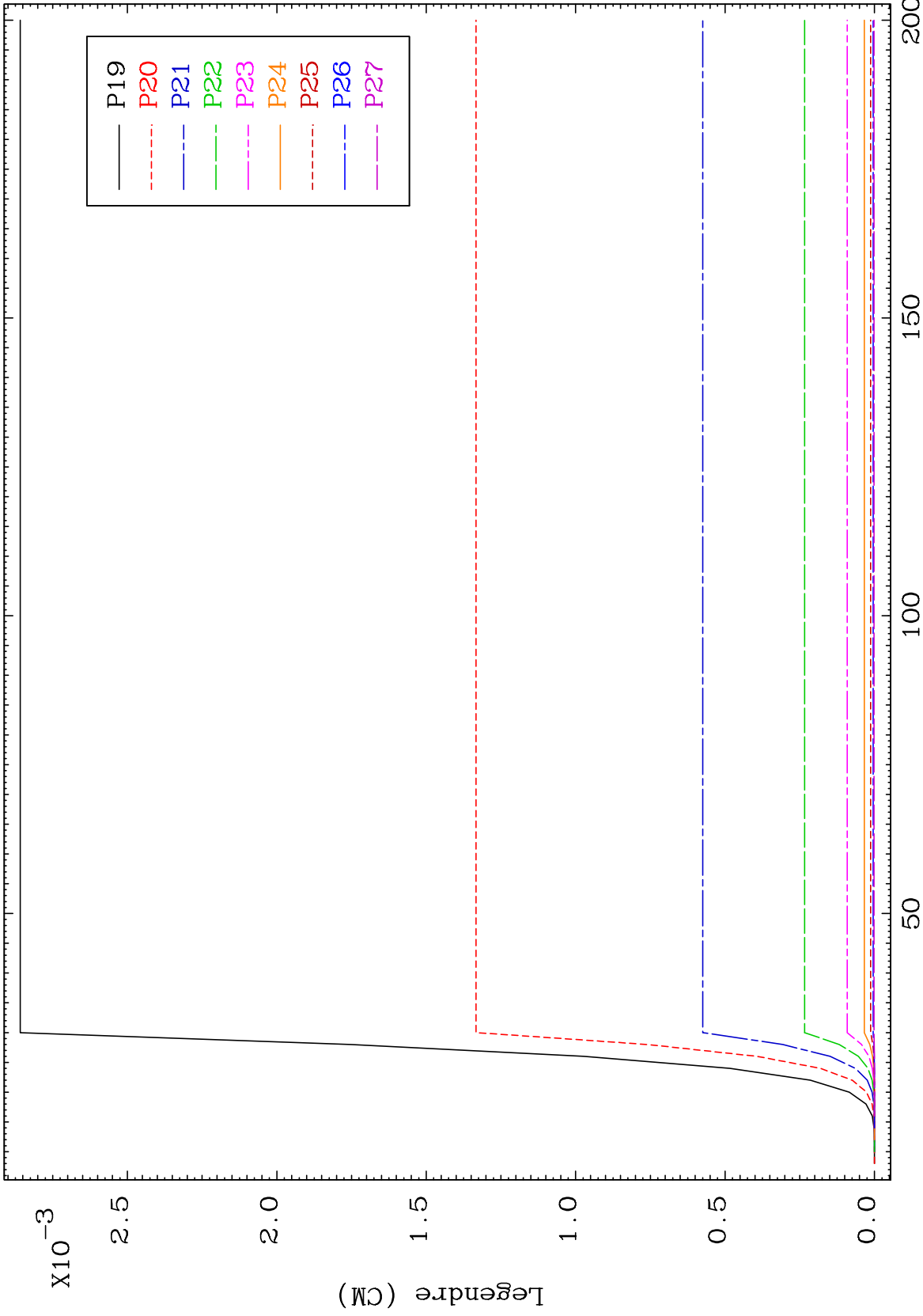
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



27

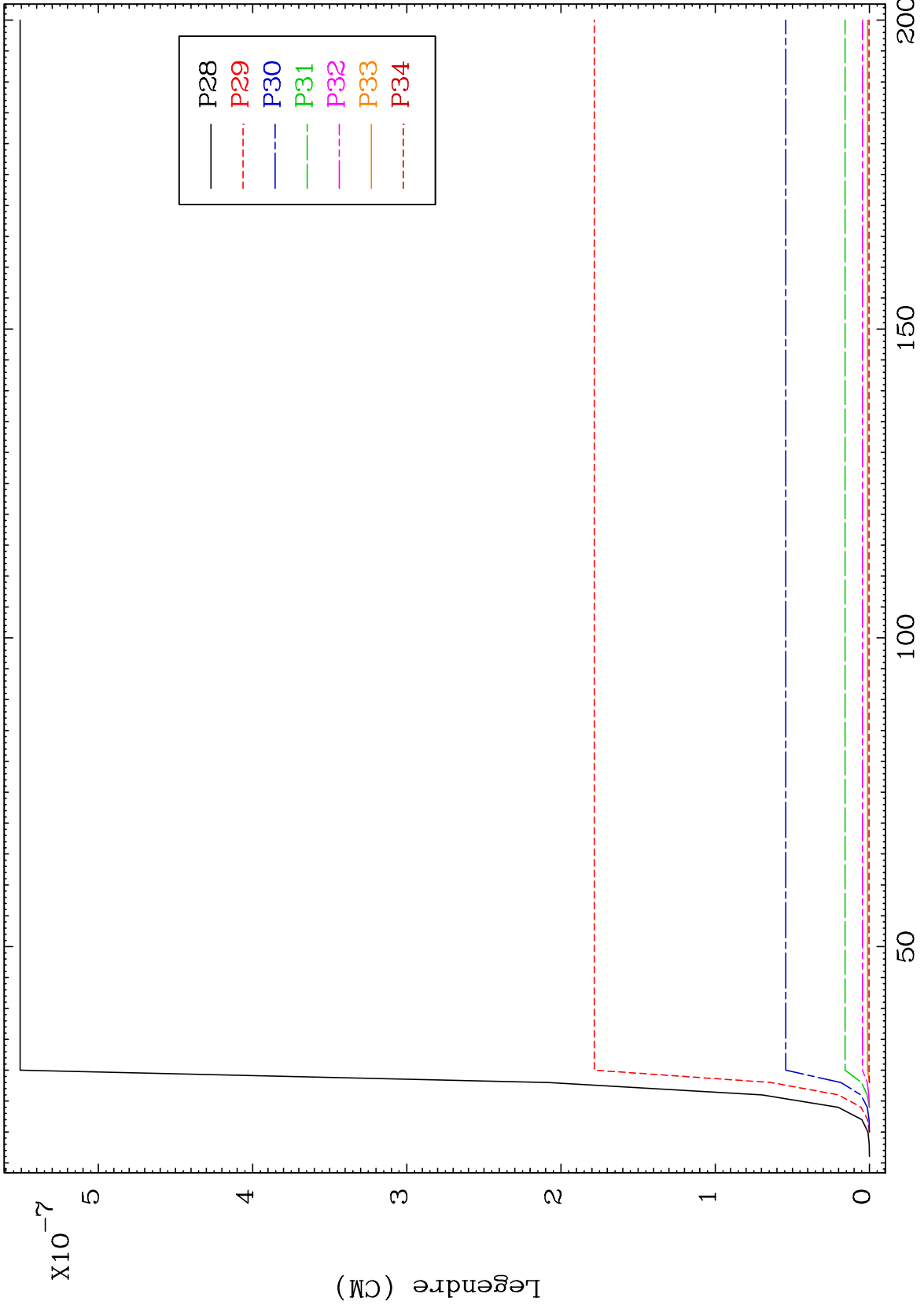
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



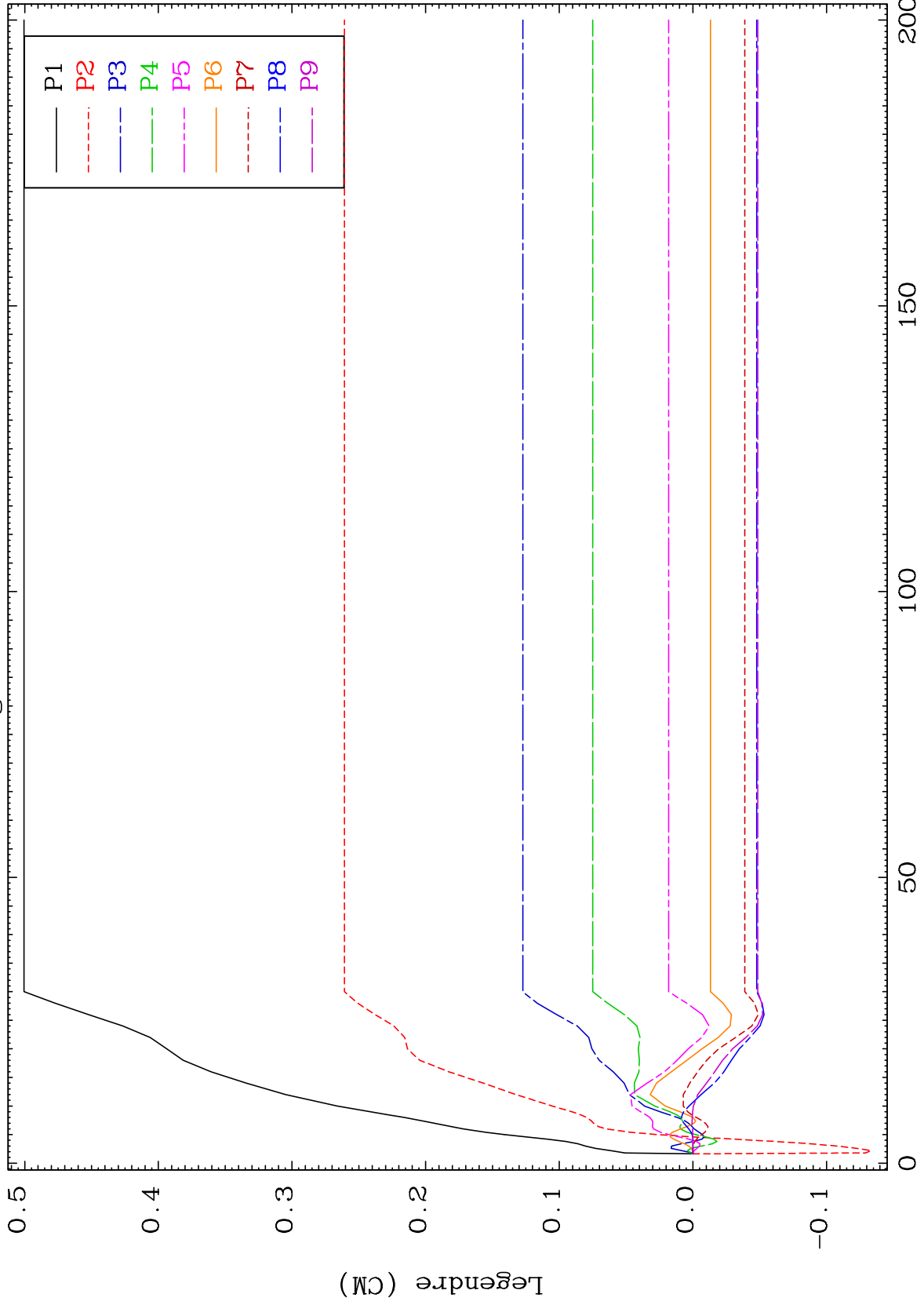
28

43-Tc-87

MAT 4289

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

43-Tc-87



29

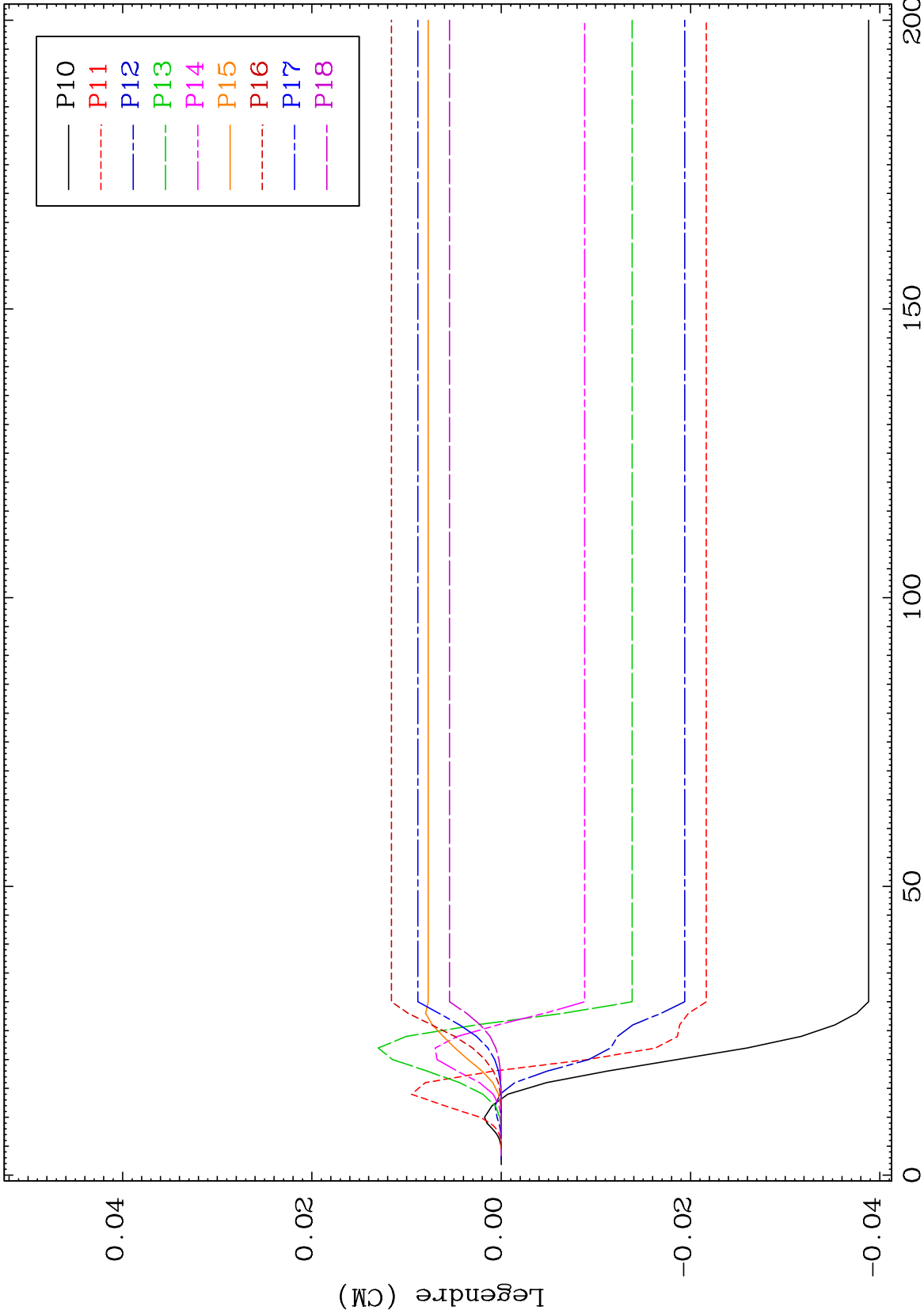
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

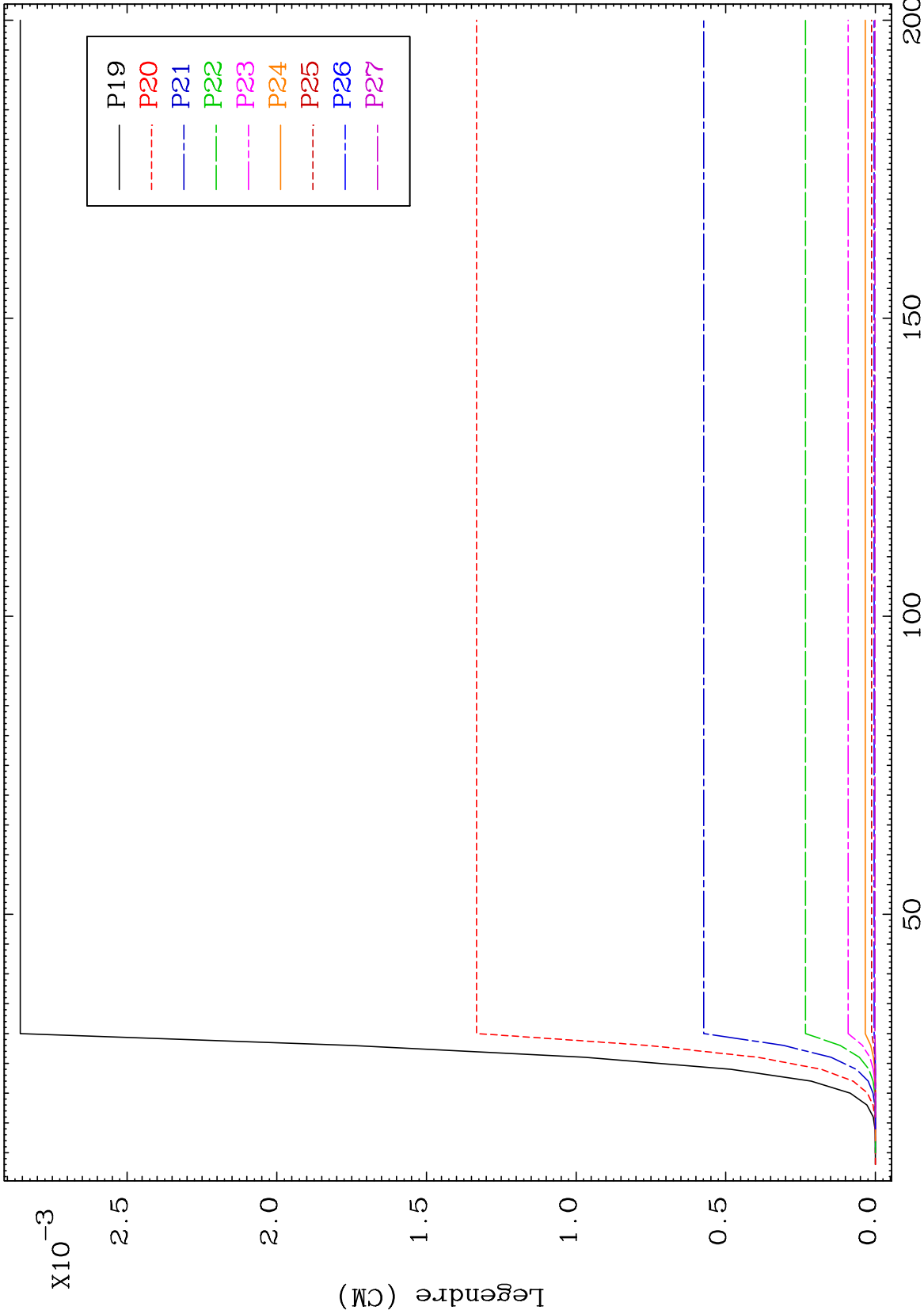
43-Tc-87



30

Incident Energy (MeV)

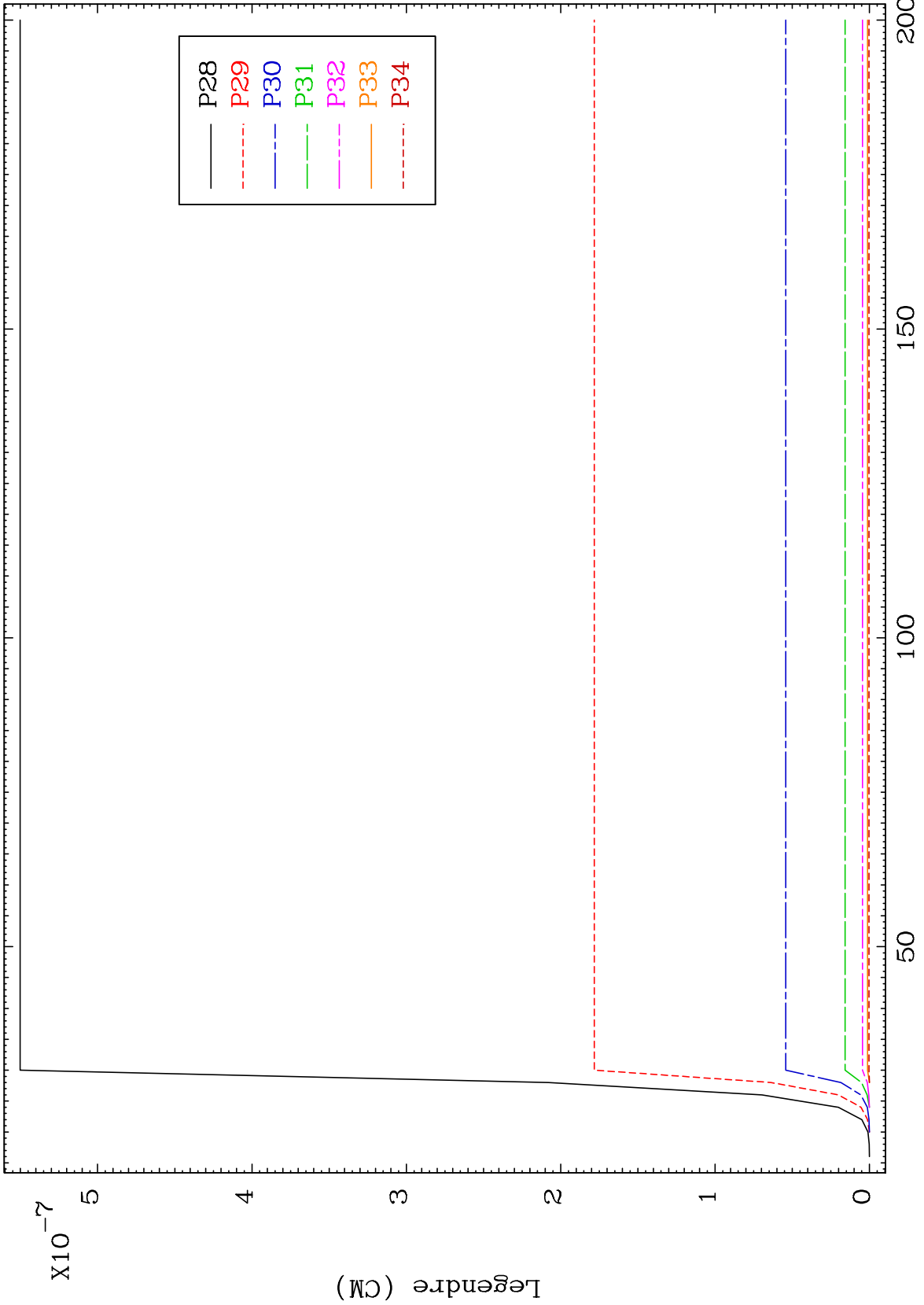
43-Tc-87



MAT 4289

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

43-Tc-87



32

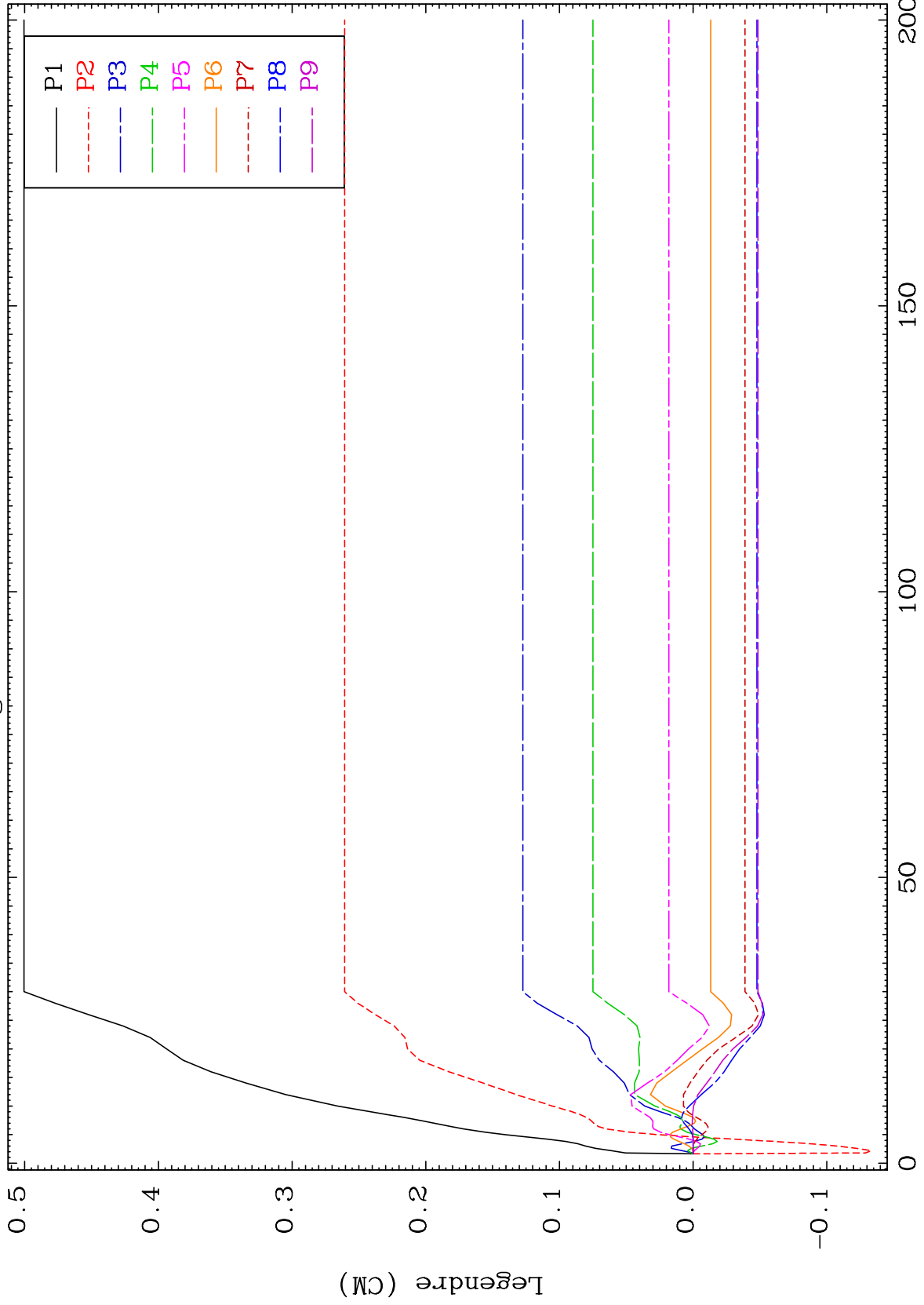
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



33

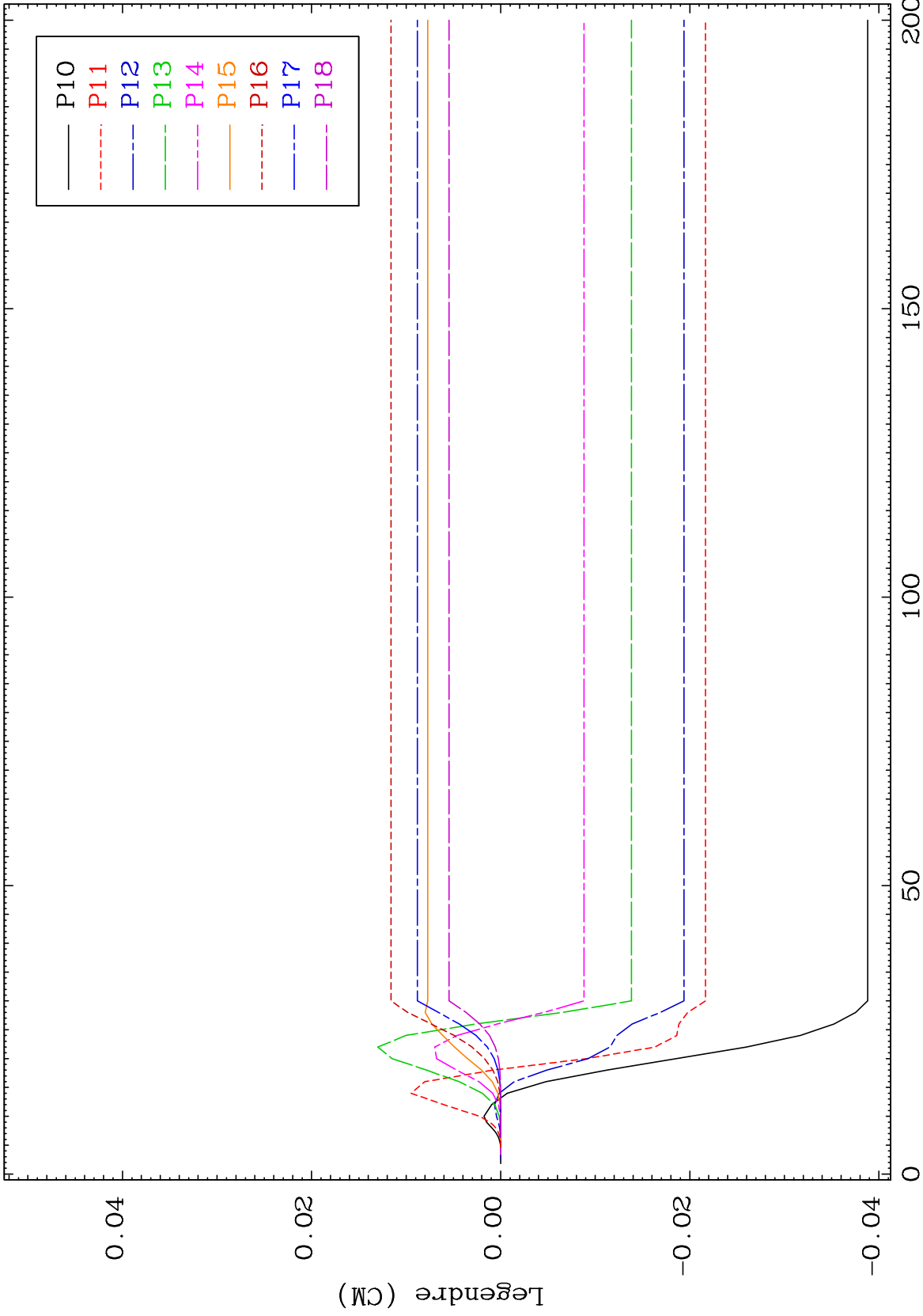
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



34

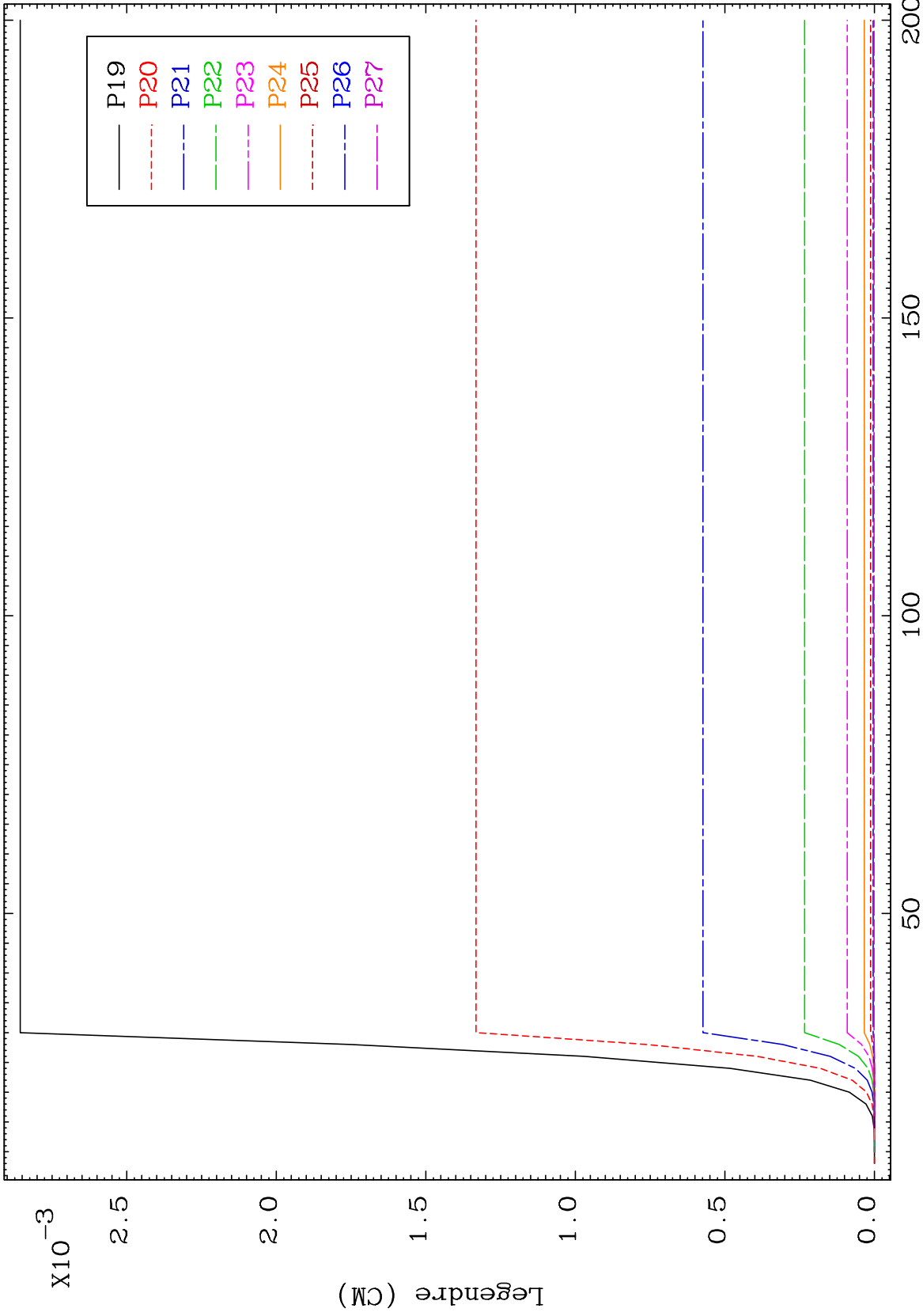
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



35

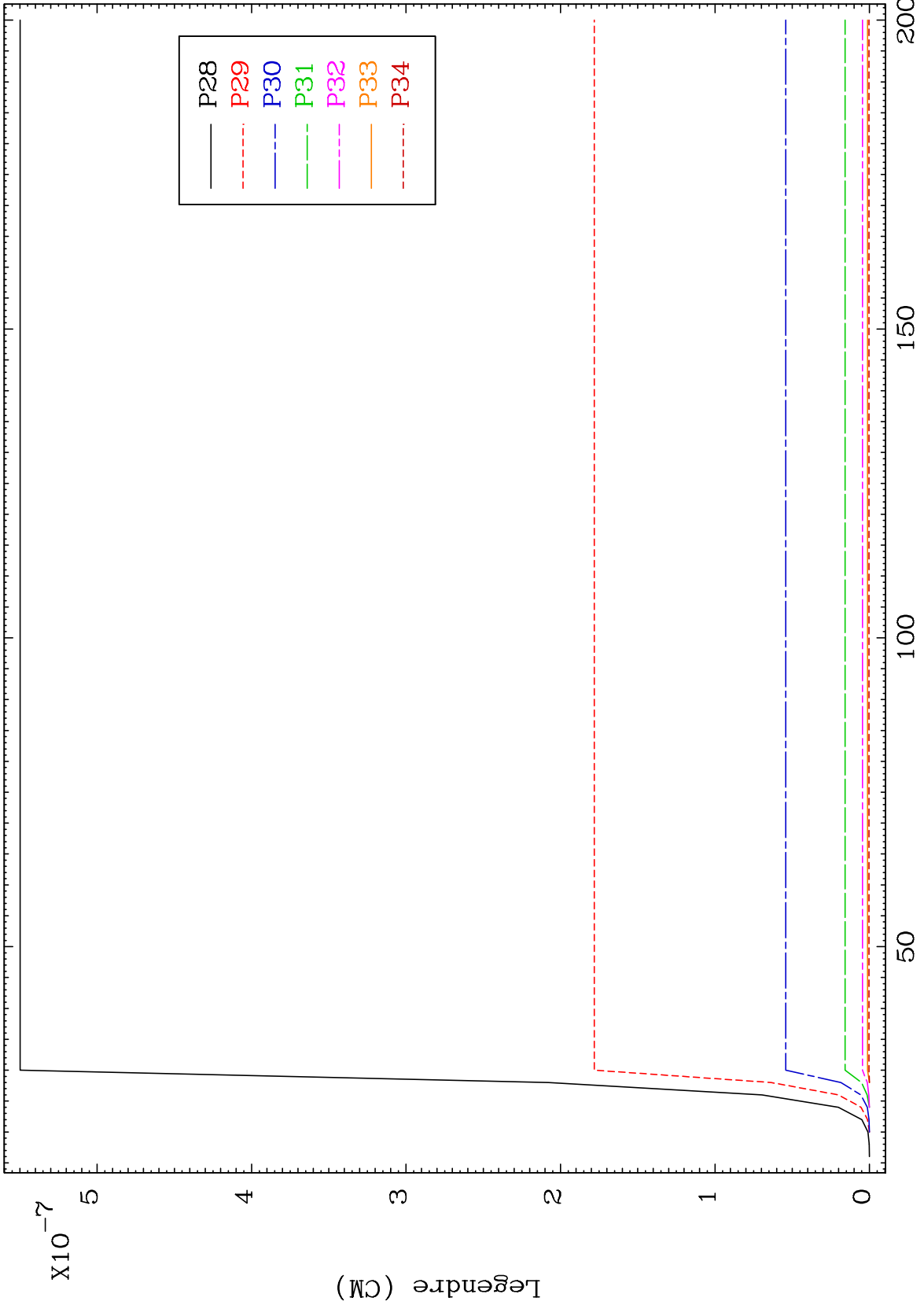
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



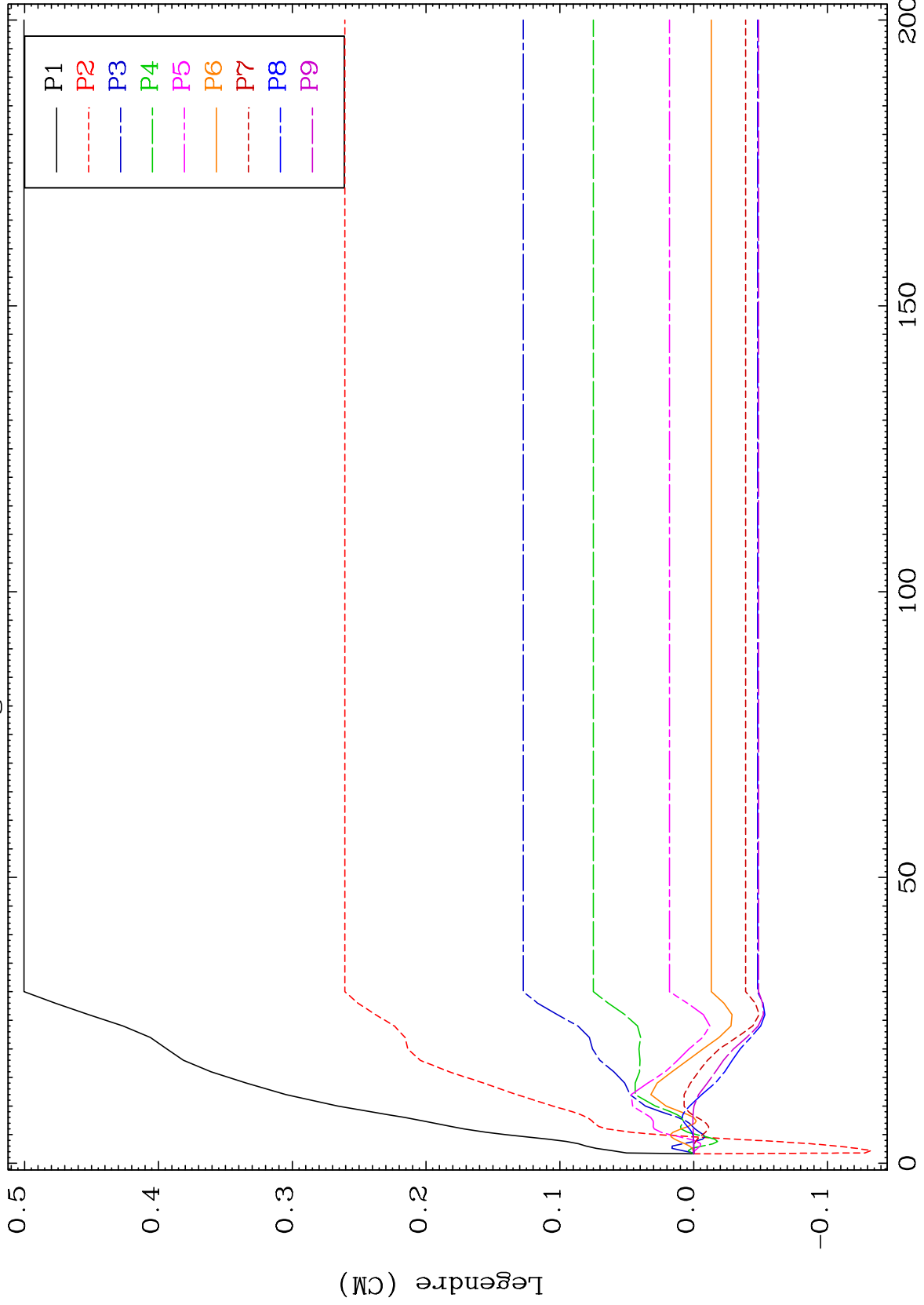
36

43-Tc-87

MAT 4289

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

43-Tc-87



37

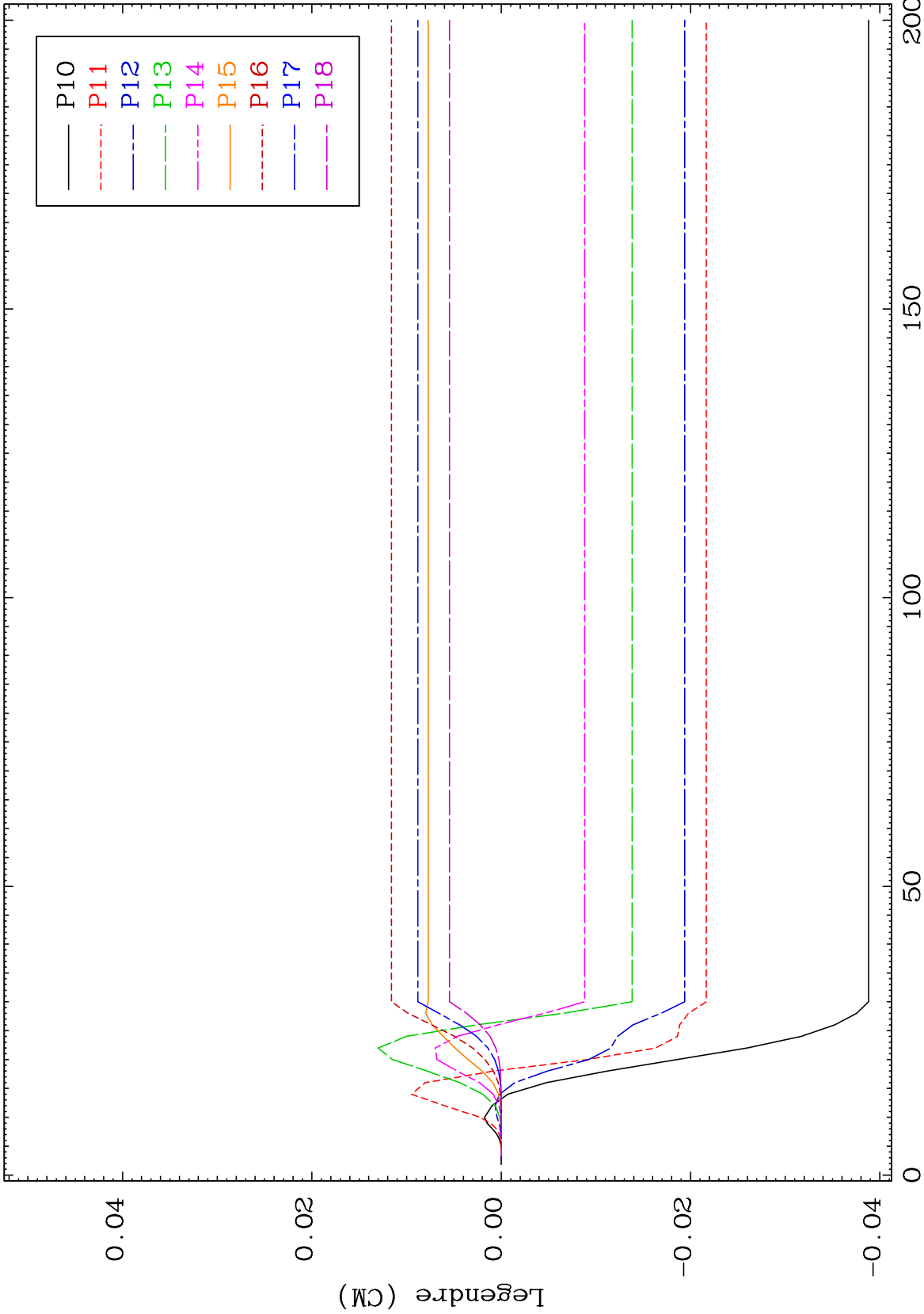
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



38

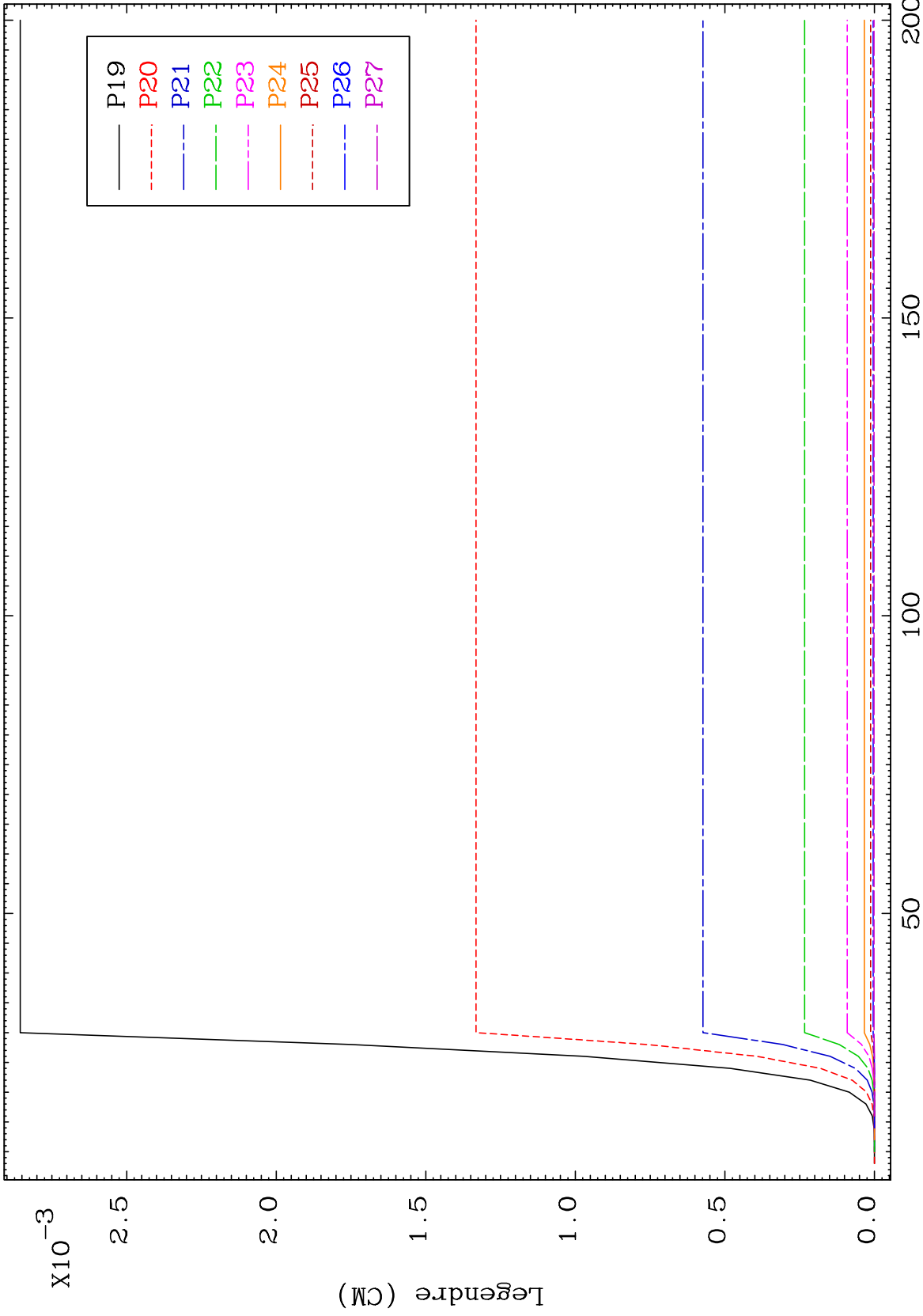
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



39

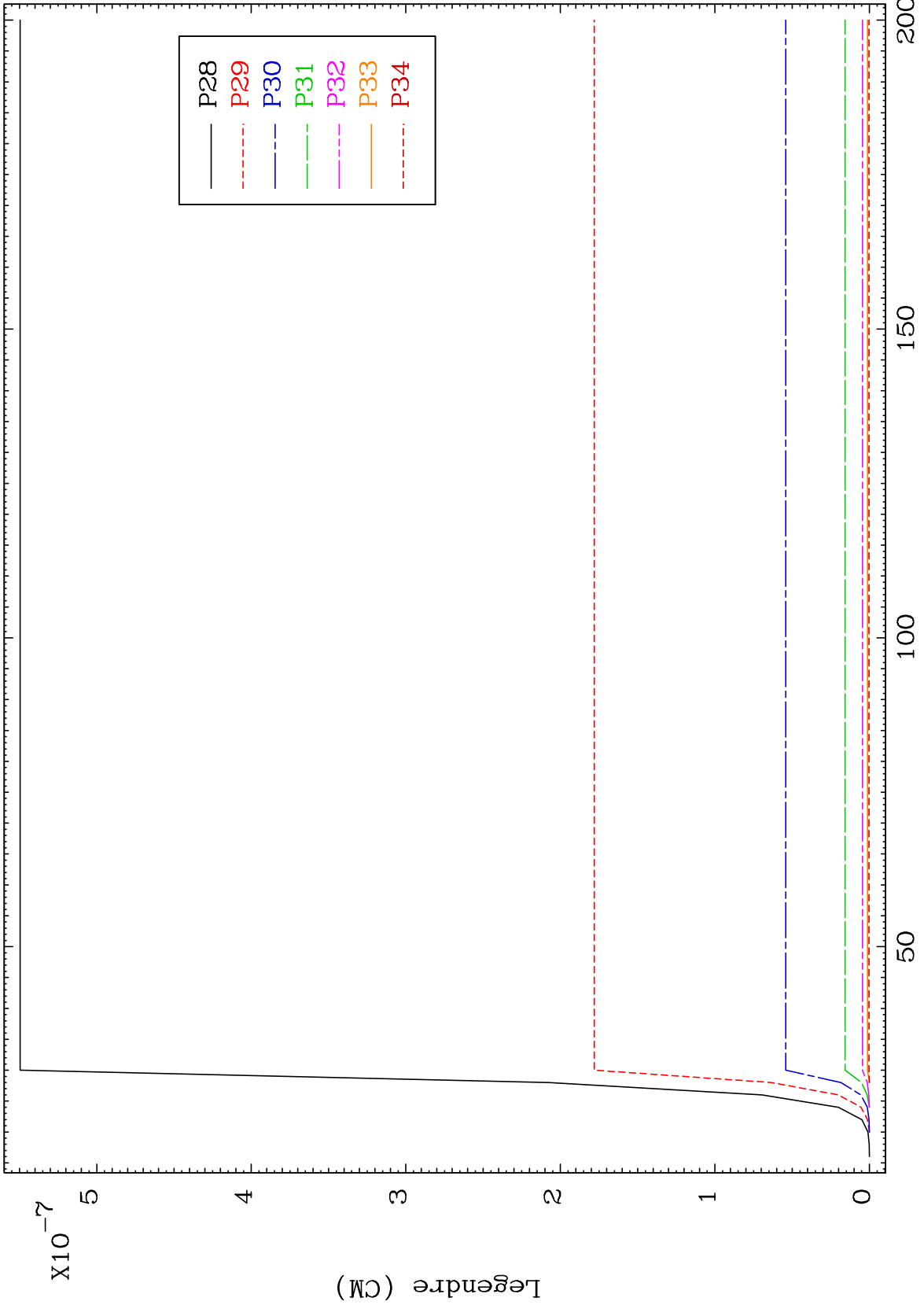
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



40

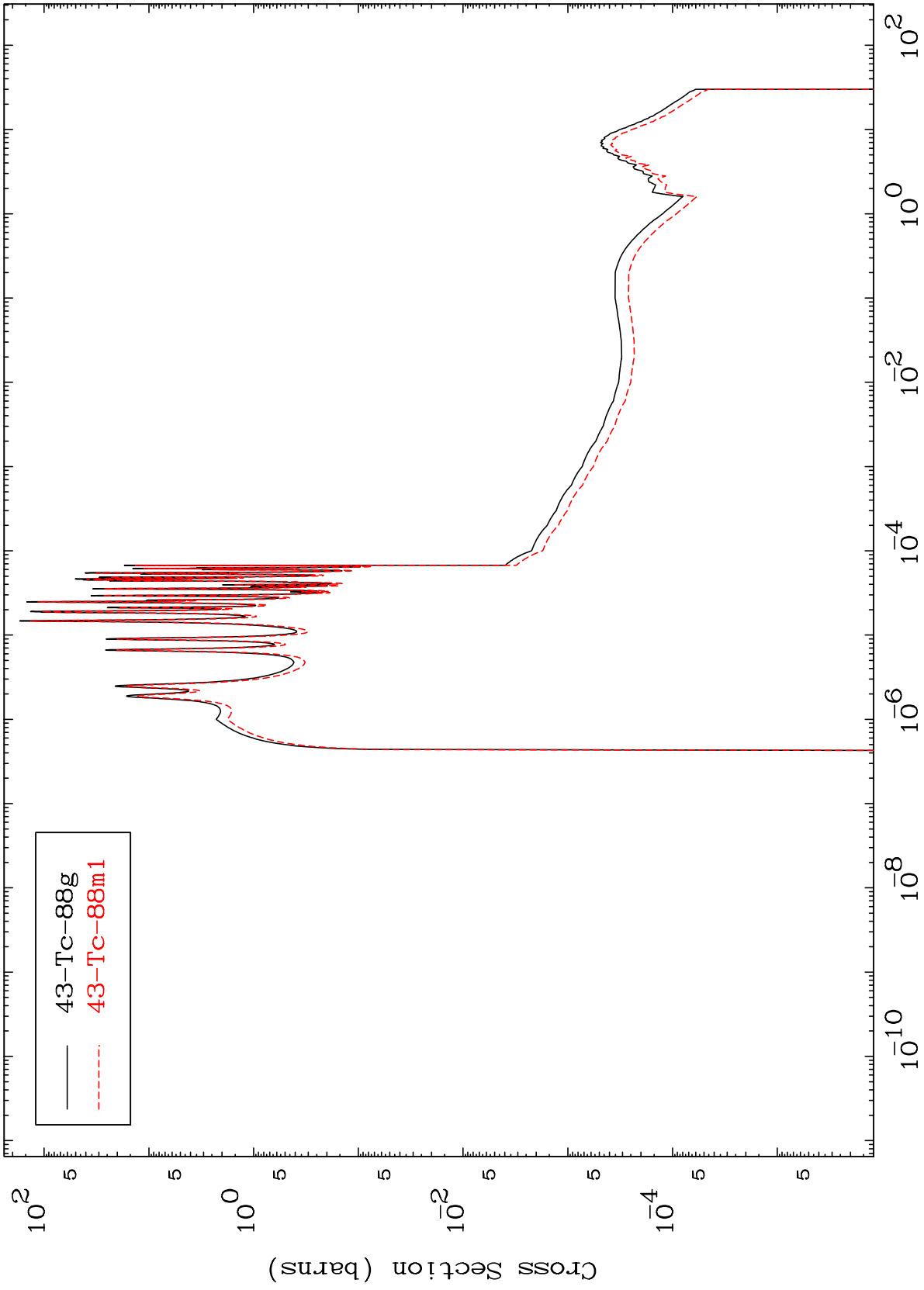
Incident Energy (MeV)

43-Tc-87

MAT 4289

43-Tc-87

Radionuclide Production Cross Section (n,γ)

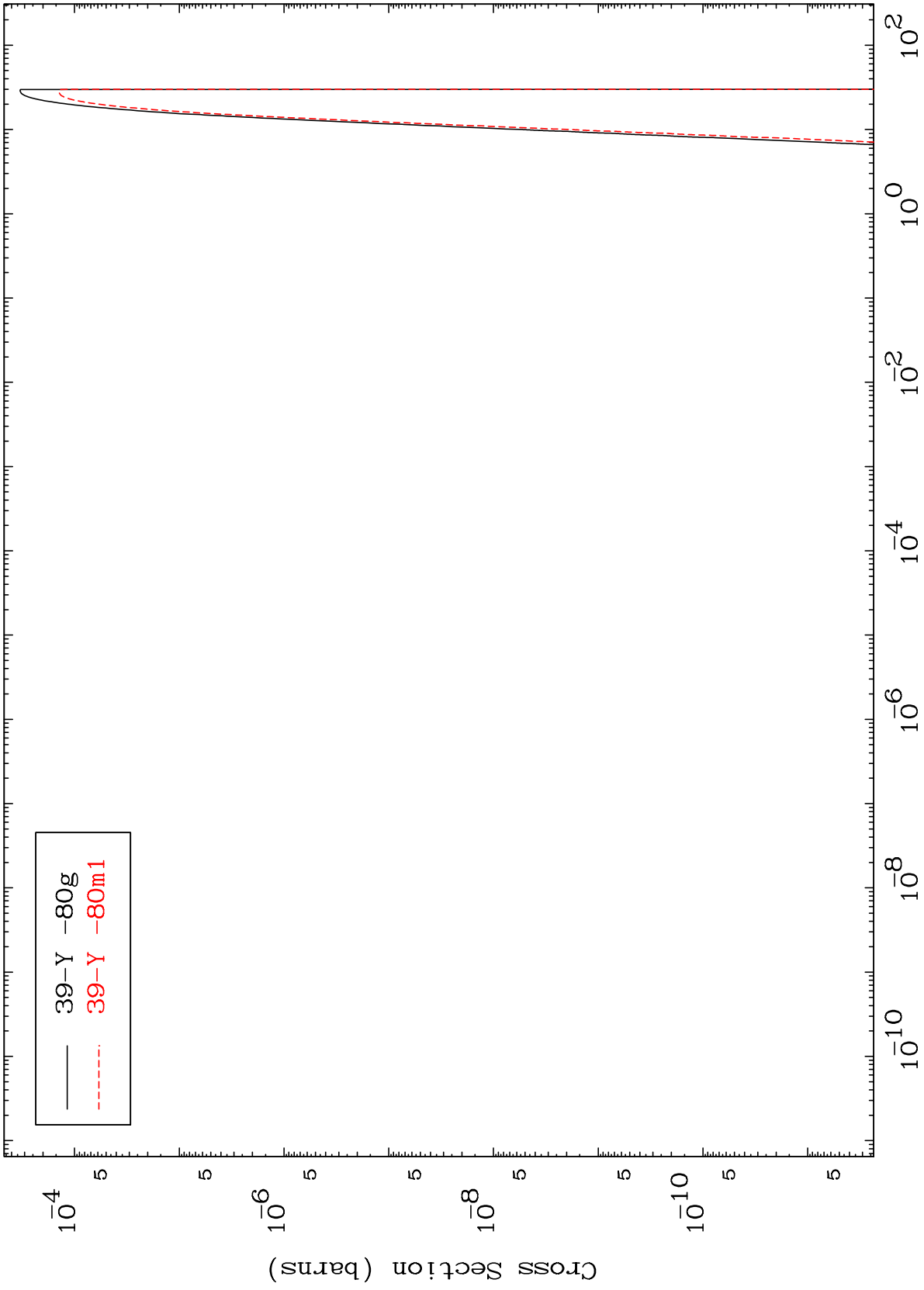


MAT 4289

(n,2α)

43-Tc-87

Radionuclide Production Cross Section



42

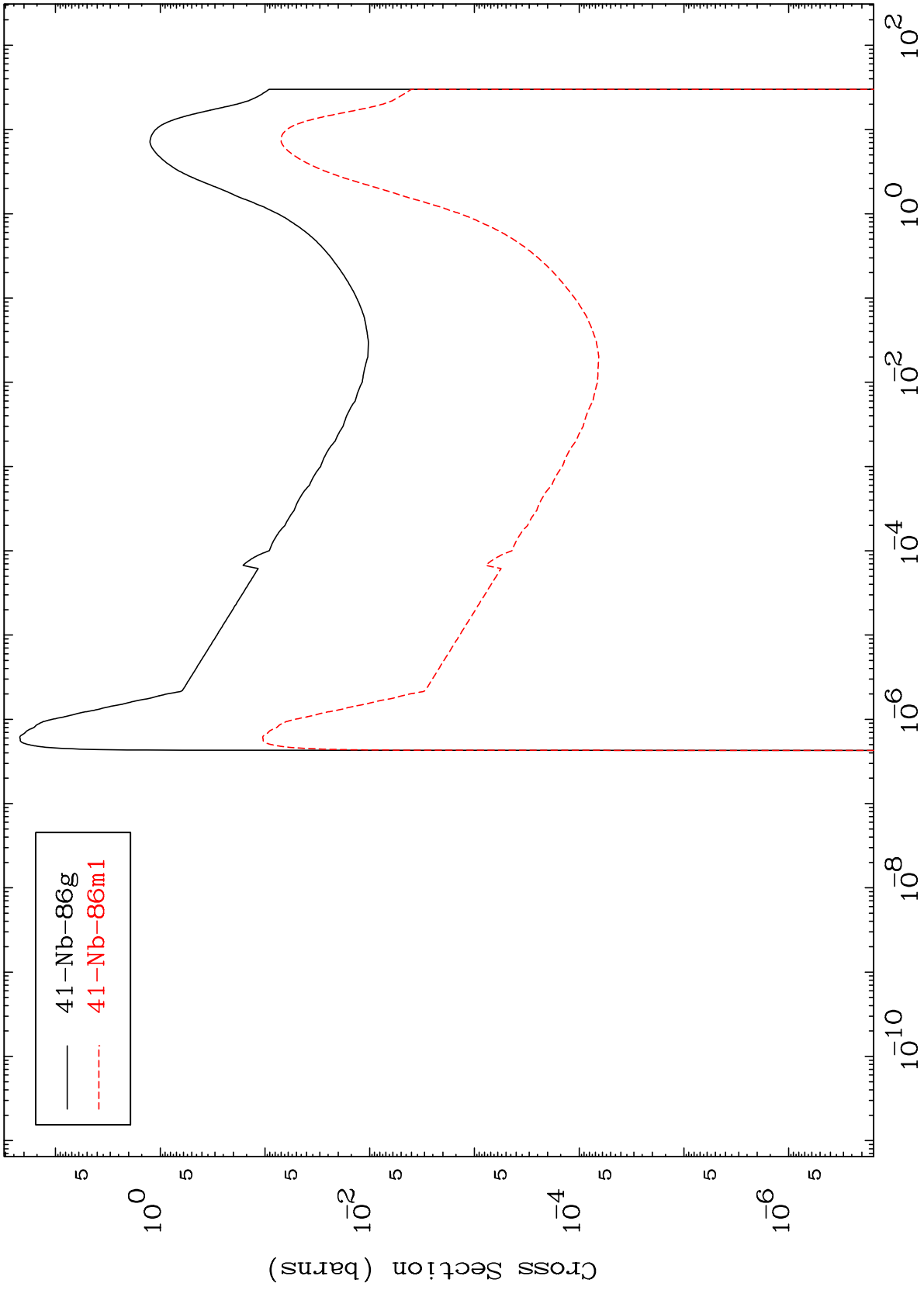
Incident Energy (MeV)

43-Tc-87

MAT 4289

43-Tc-87

(n,2p)
Radionuclide Production Cross Section



— 41-Nb-86g
- - - 41-Nb-86m1

43

43-Tc-87