

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

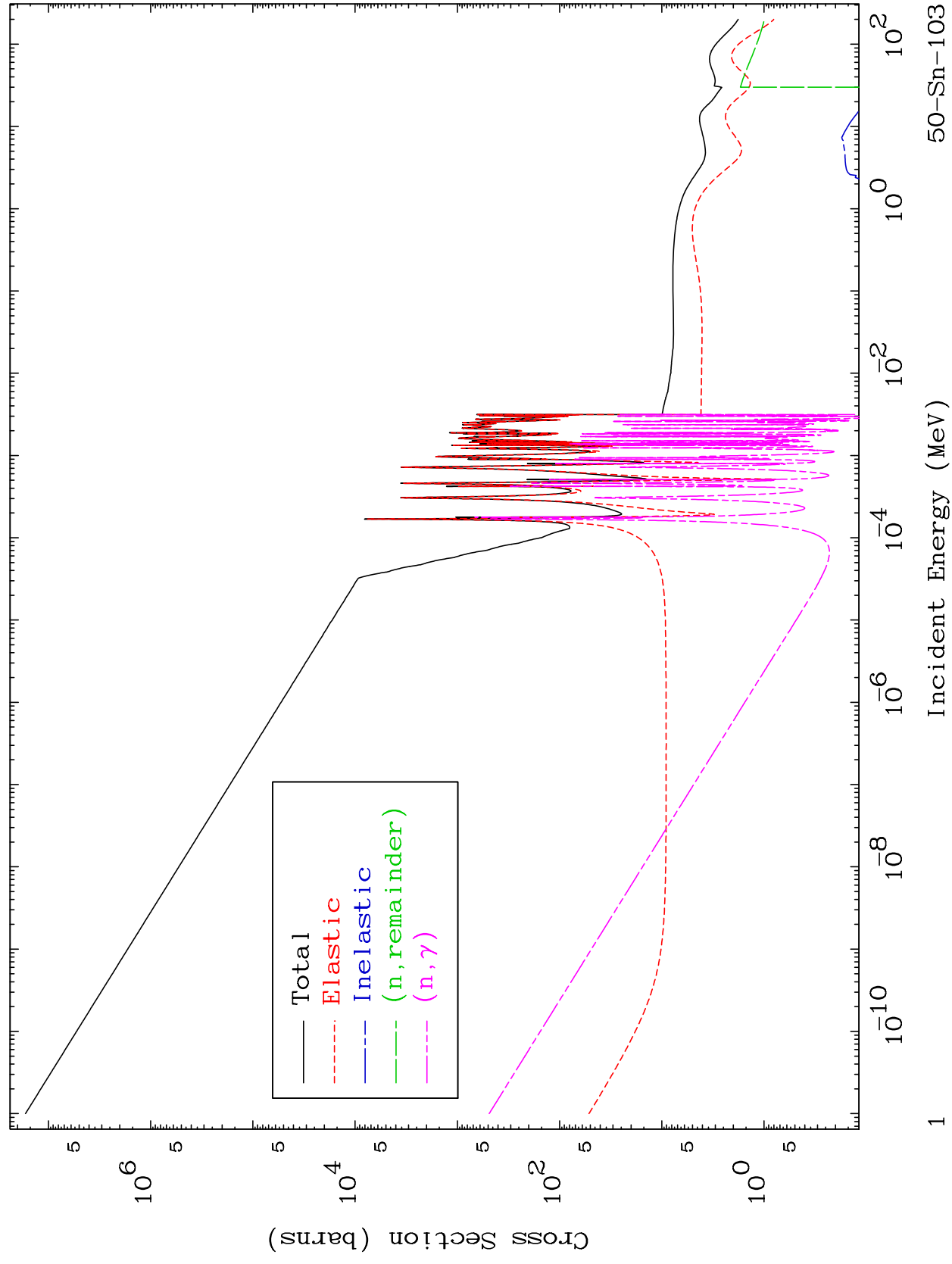
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4998

Major
293 Kelvin Cross Sections

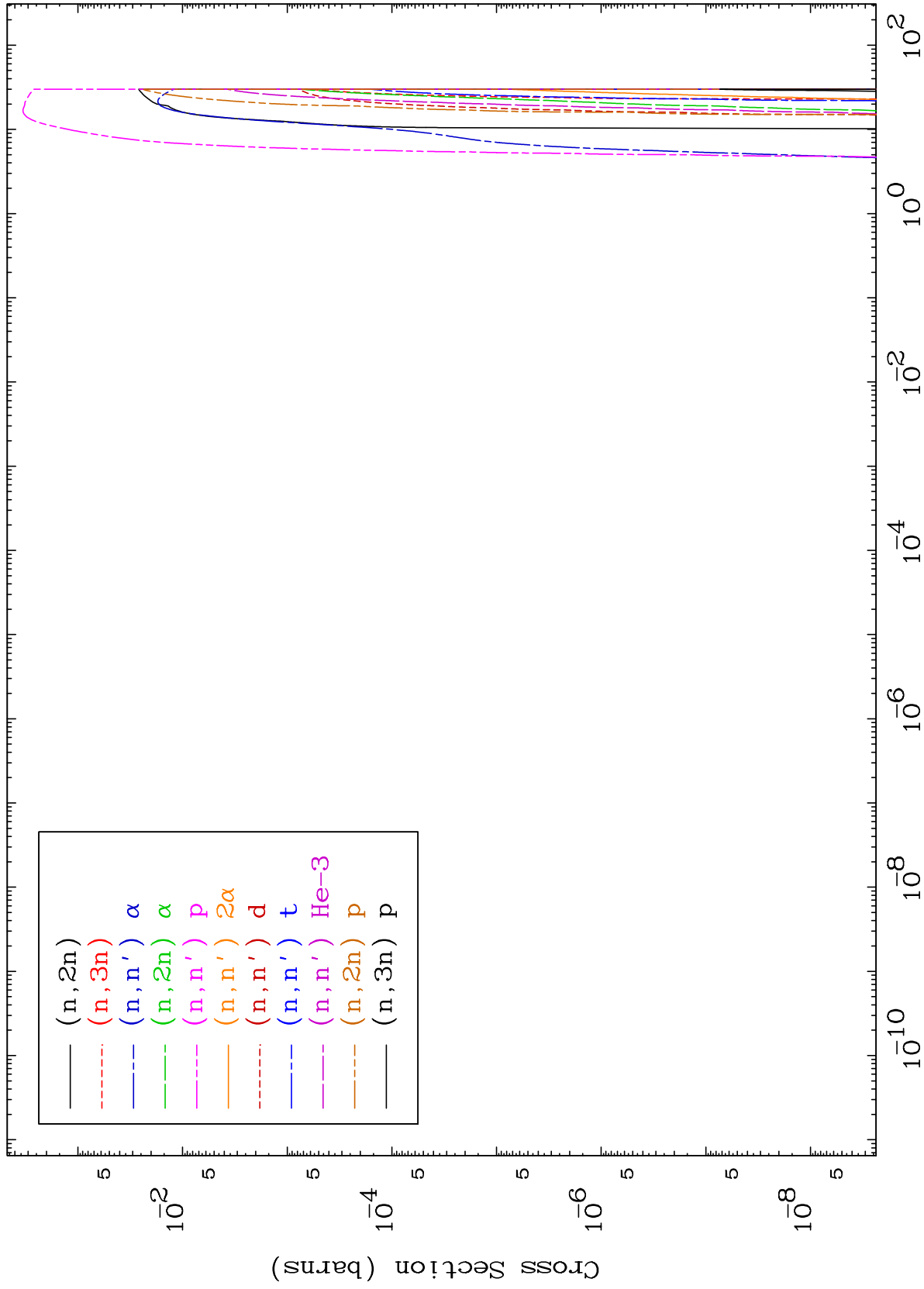
50-Sn-103



MAT 4998

Neutron Production
293 Kelvin Cross Sections

50-Sn-103



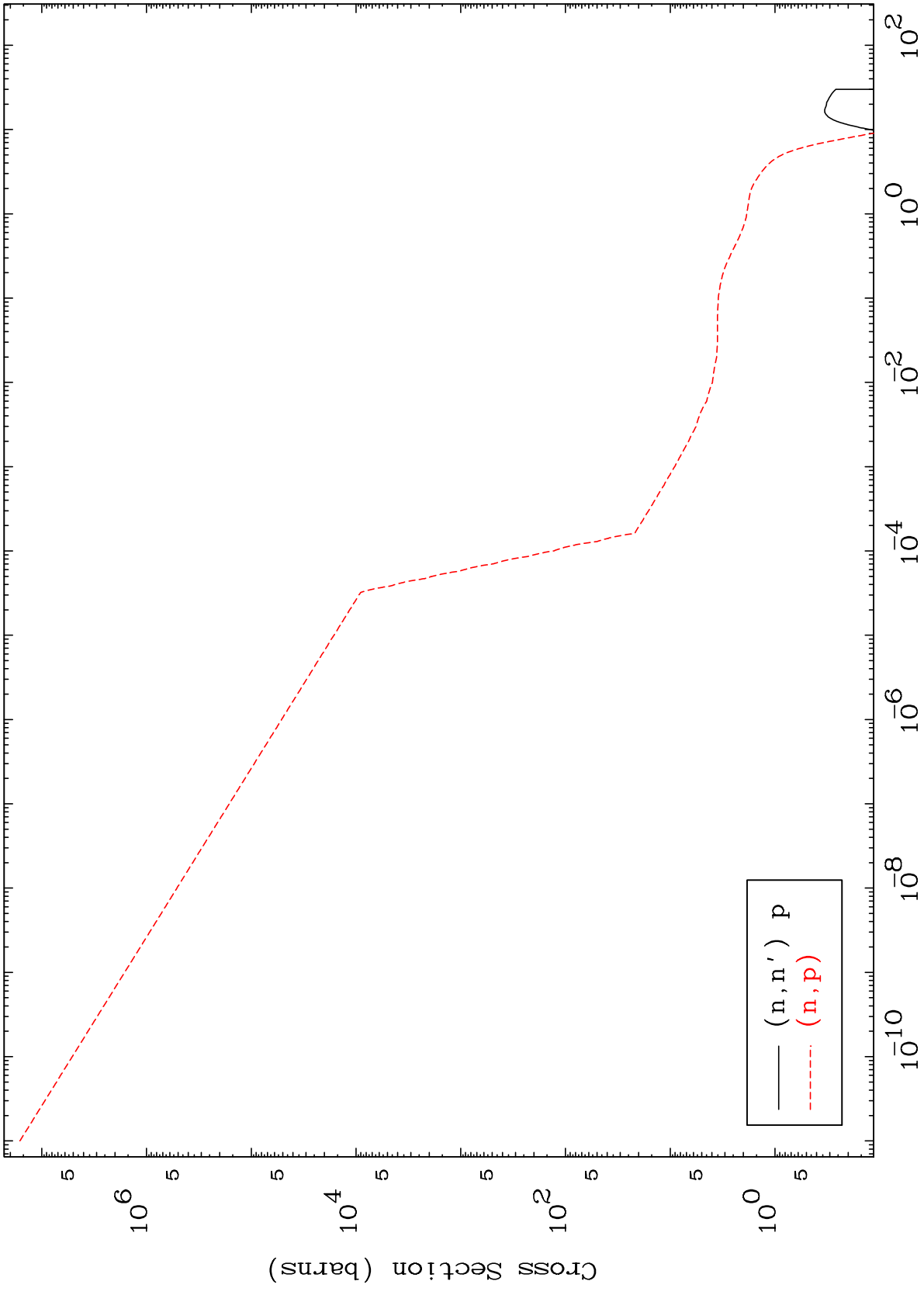
2

50-Sn-103

MAT 4998

Charged Particle
293 Kelvin Cross Sections

50-Sn-103

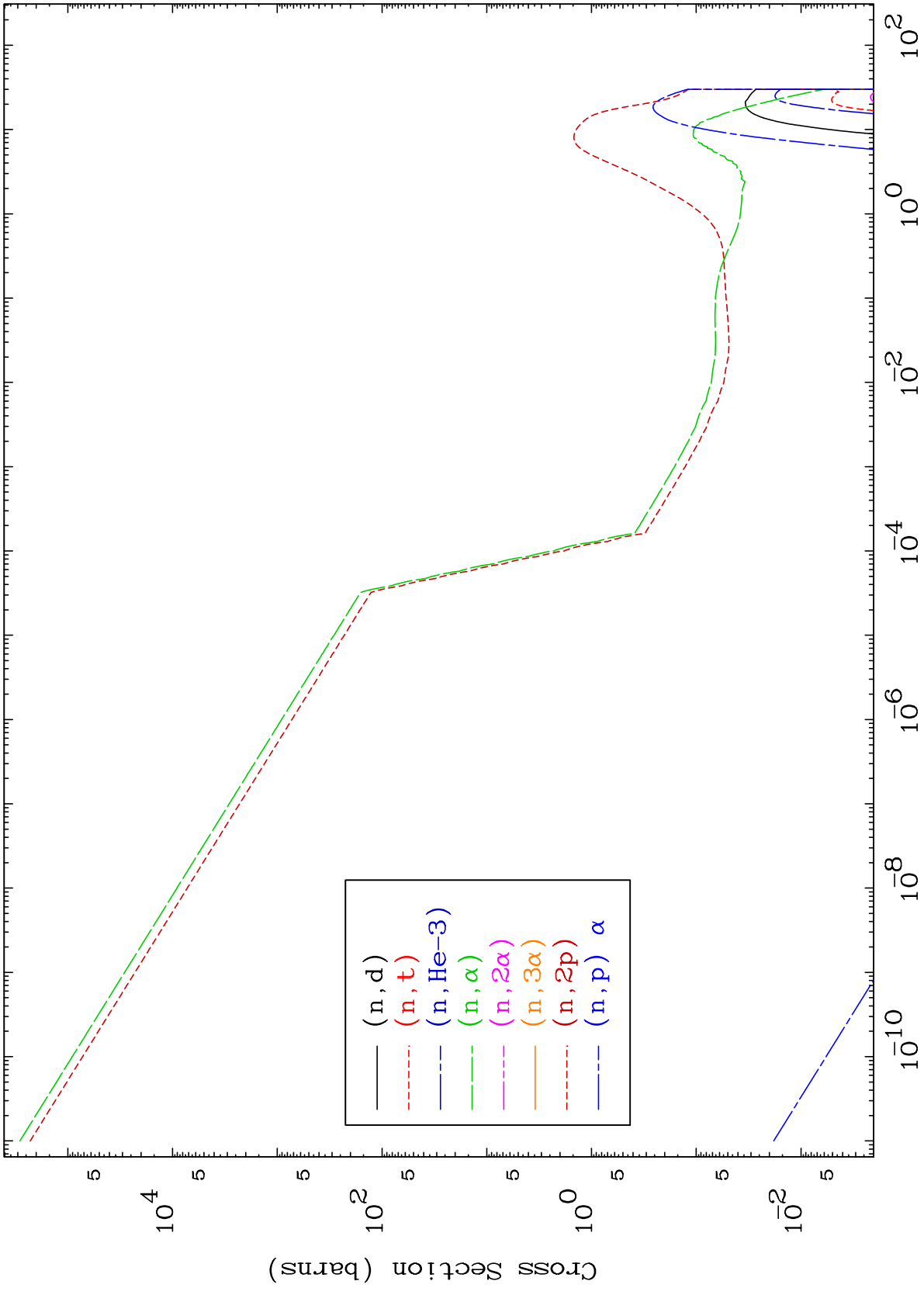


50-Sn-103

MAT 4998

293 Kelvin Cross Sections

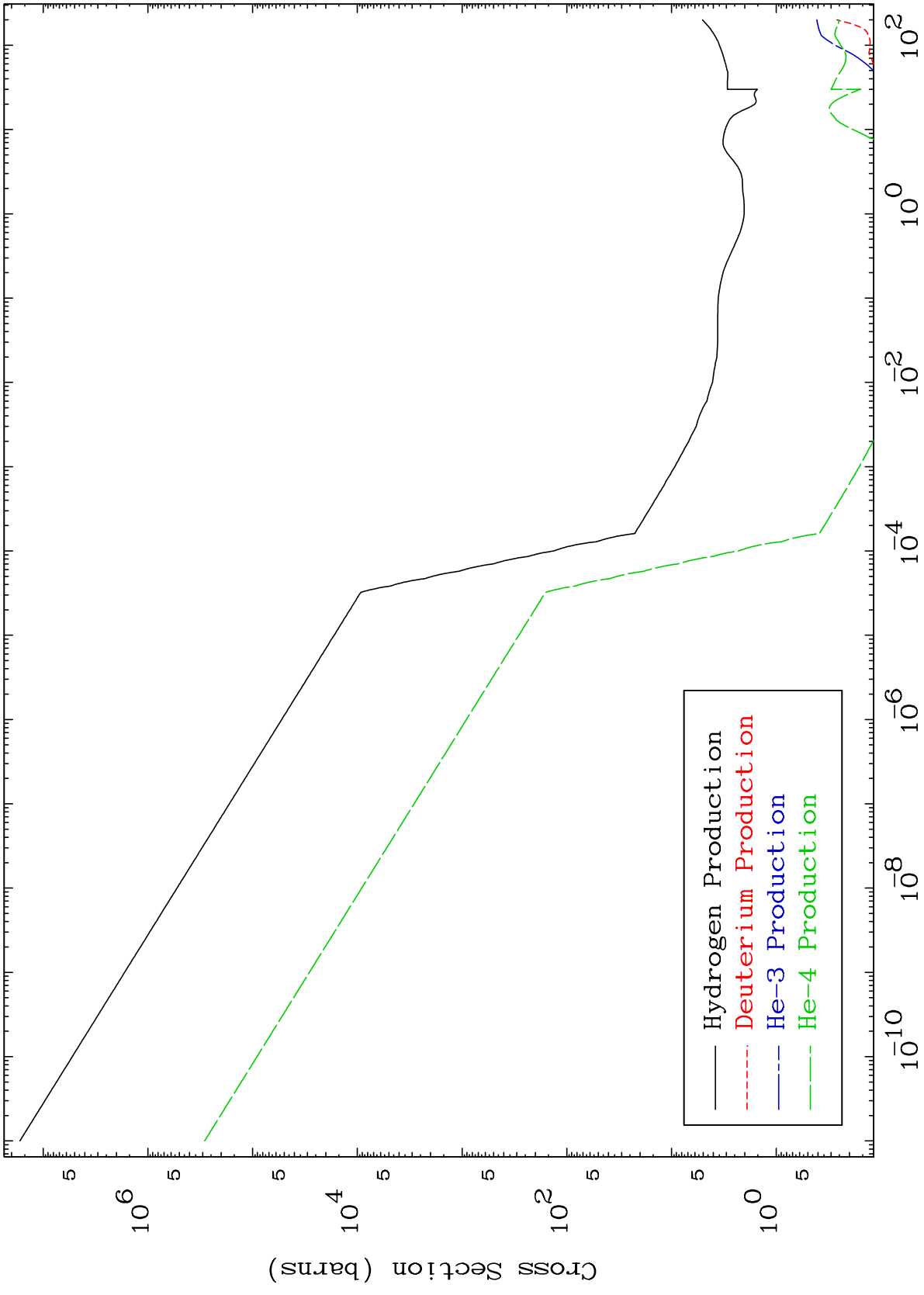
50-Sn-103



MAT 4998

Particle Production
293 Kelvin Cross Sections

50-Sn-103

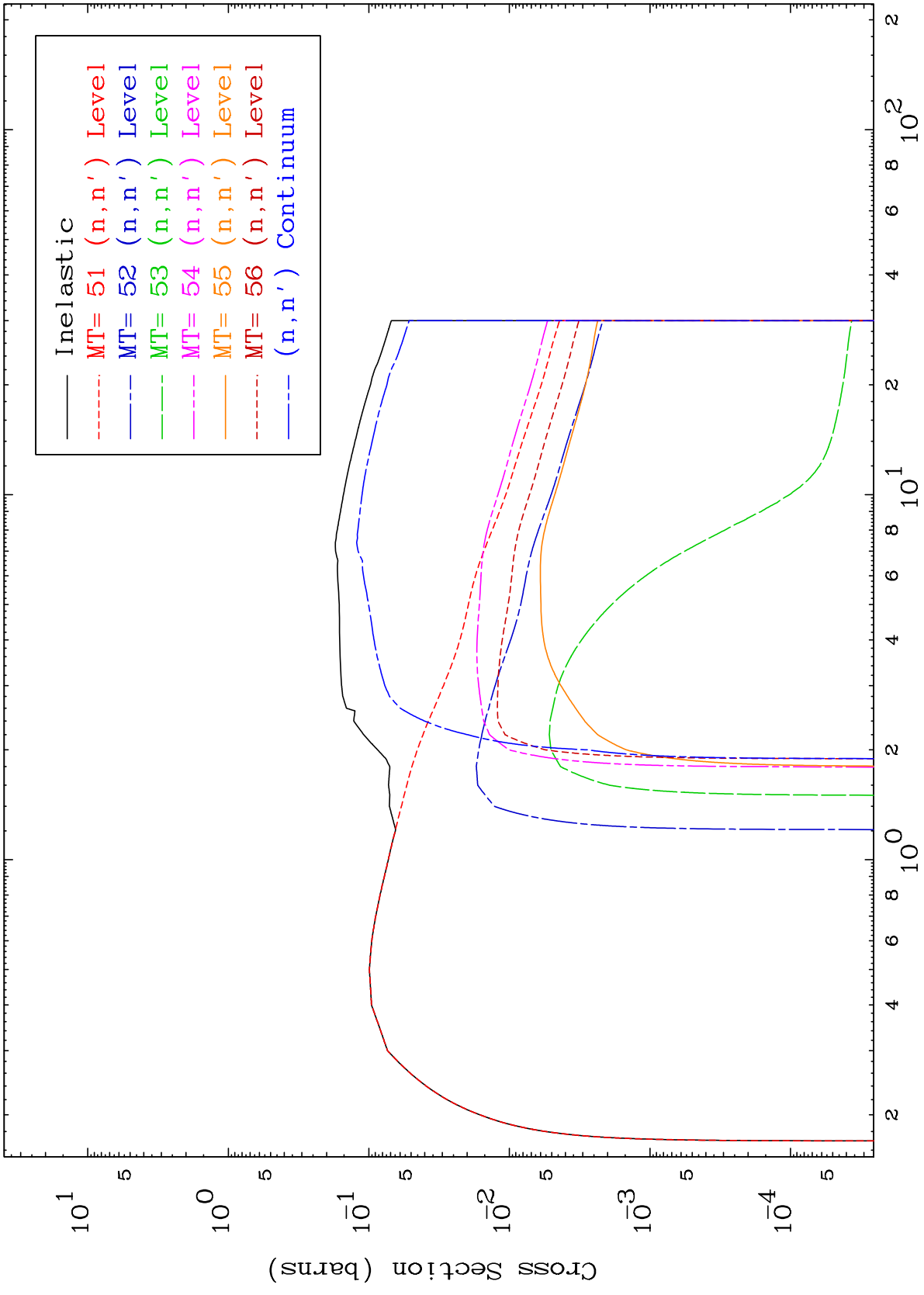


50-Sn-103

MAT 4998

(n,n') Level
293 Kelvin Cross Sections

50-Sn-103



6

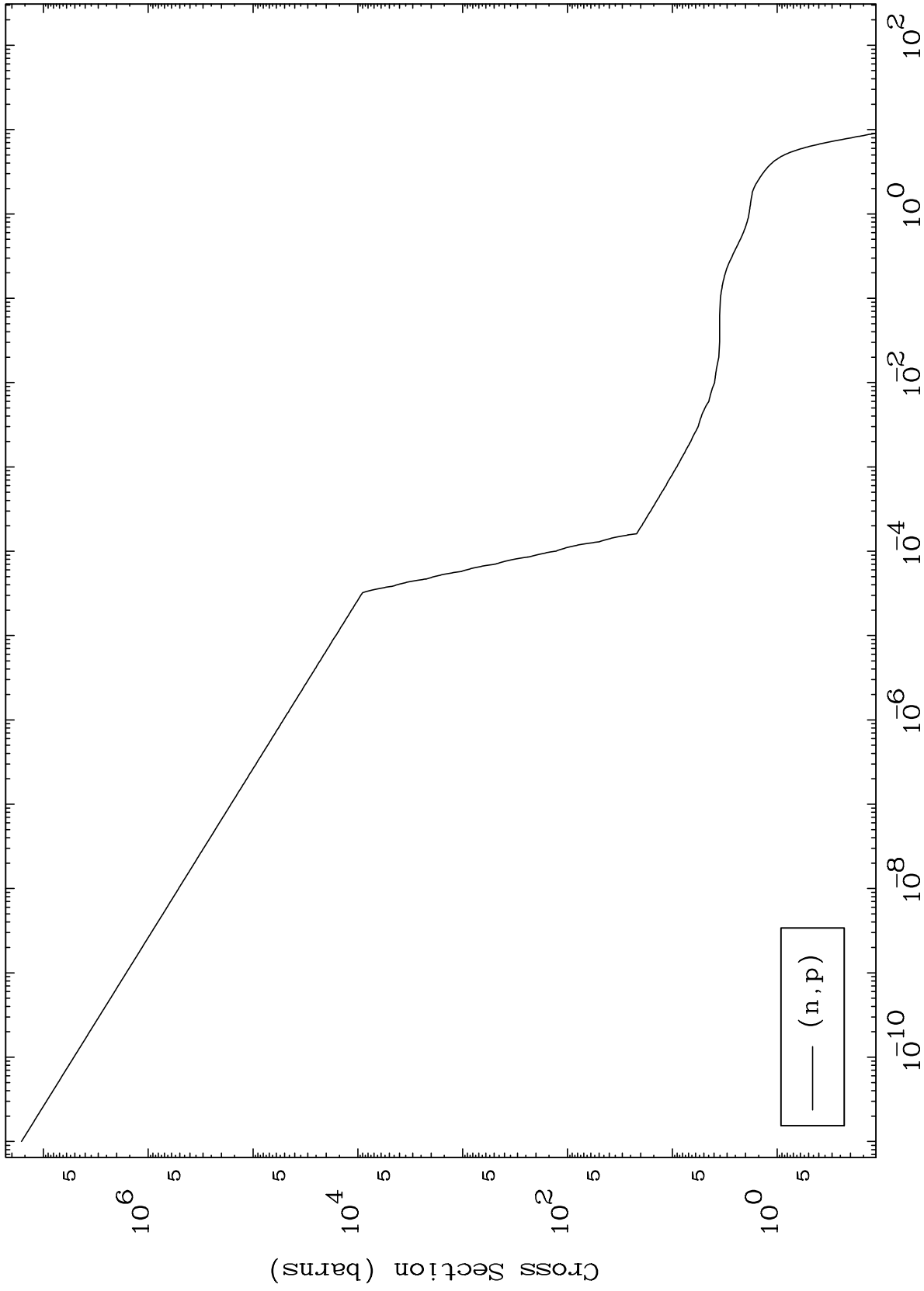
Incident Energy (MeV)

50-Sn-103

MAT 4998

(n,p) Levels
293 Kelvin Cross Sections

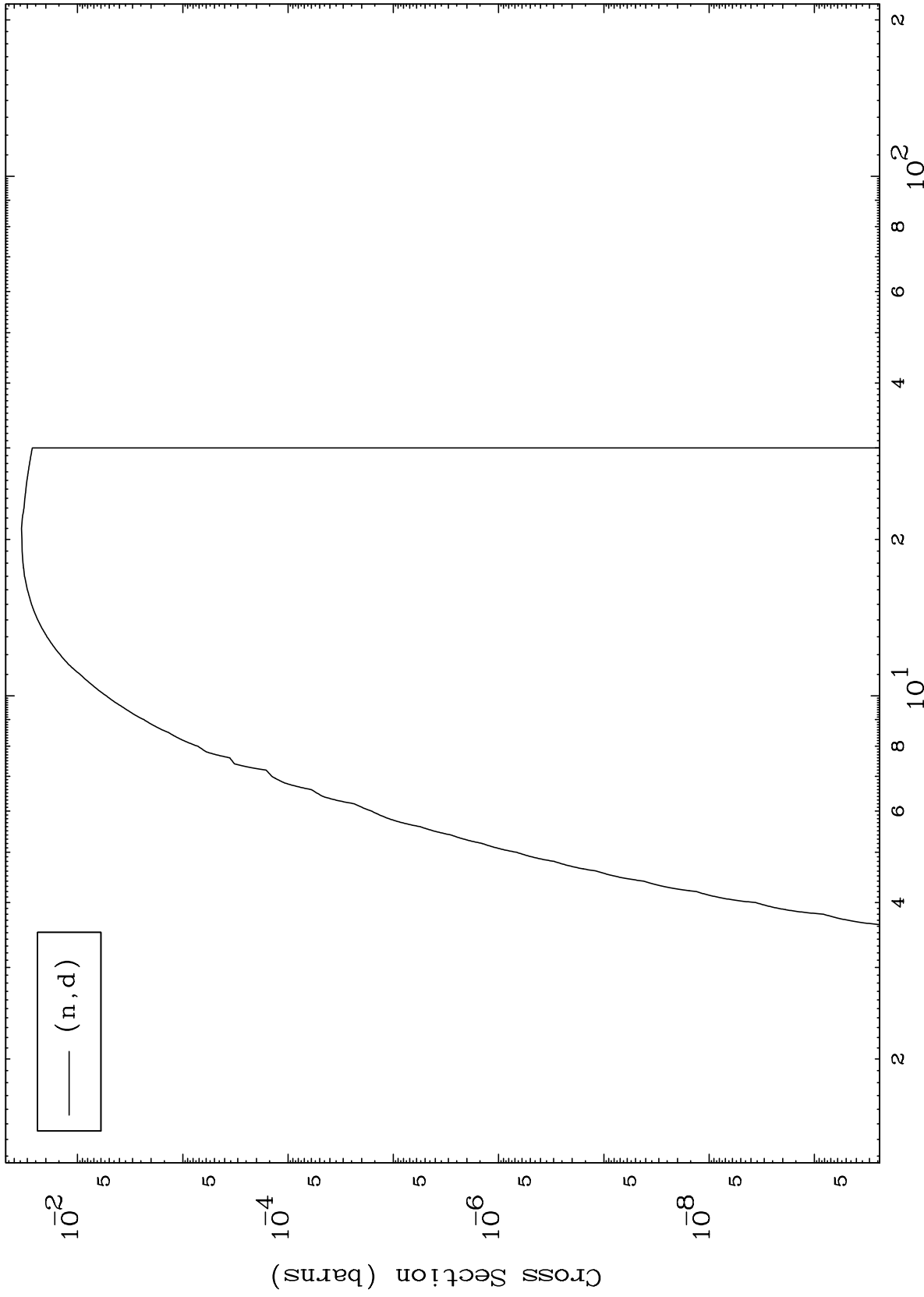
50-Sn-103



MAT 4998

(n,d) Levels
293 Kelvin Cross Sections

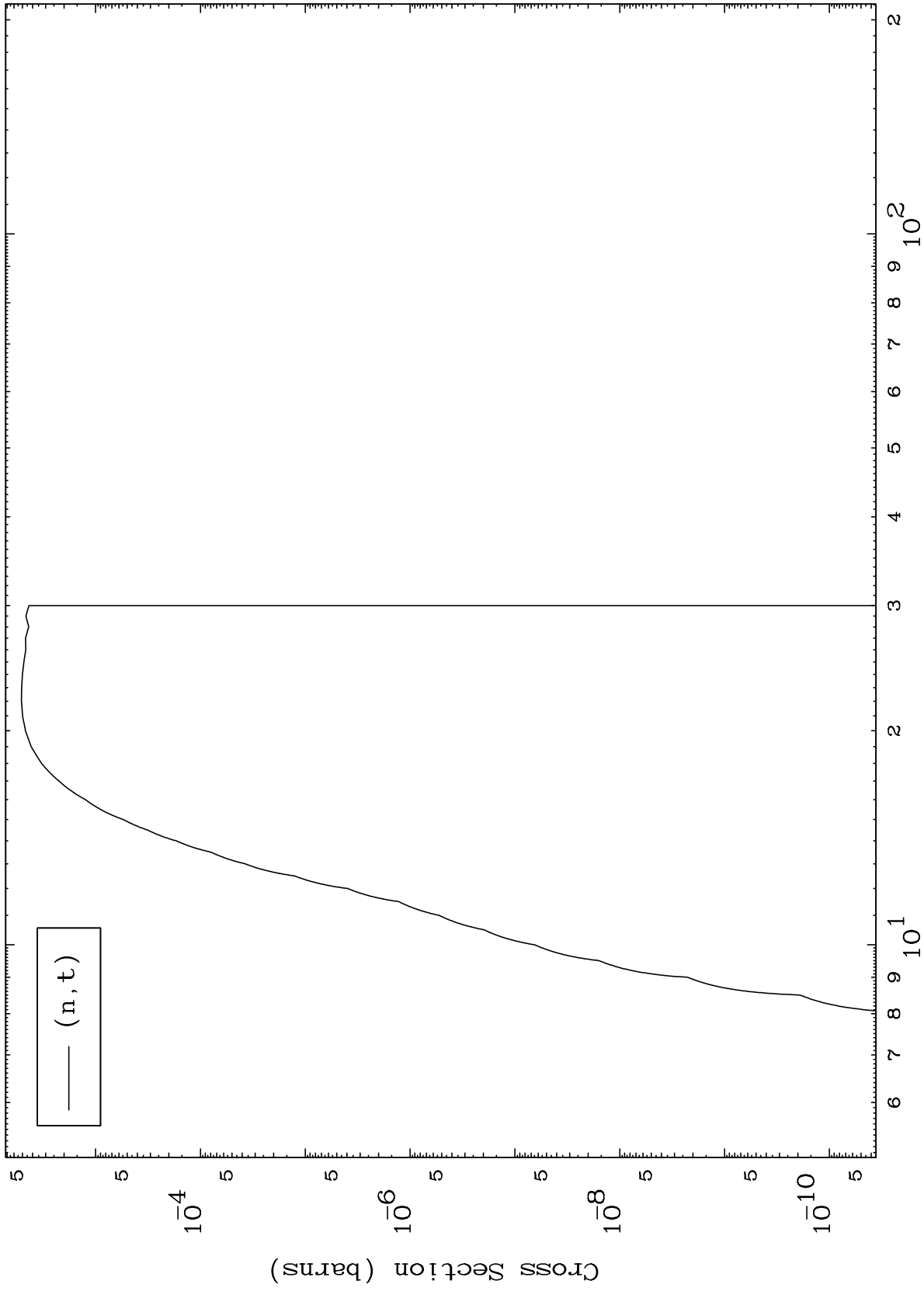
50-Sn-103



MAT 4998

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-103



9

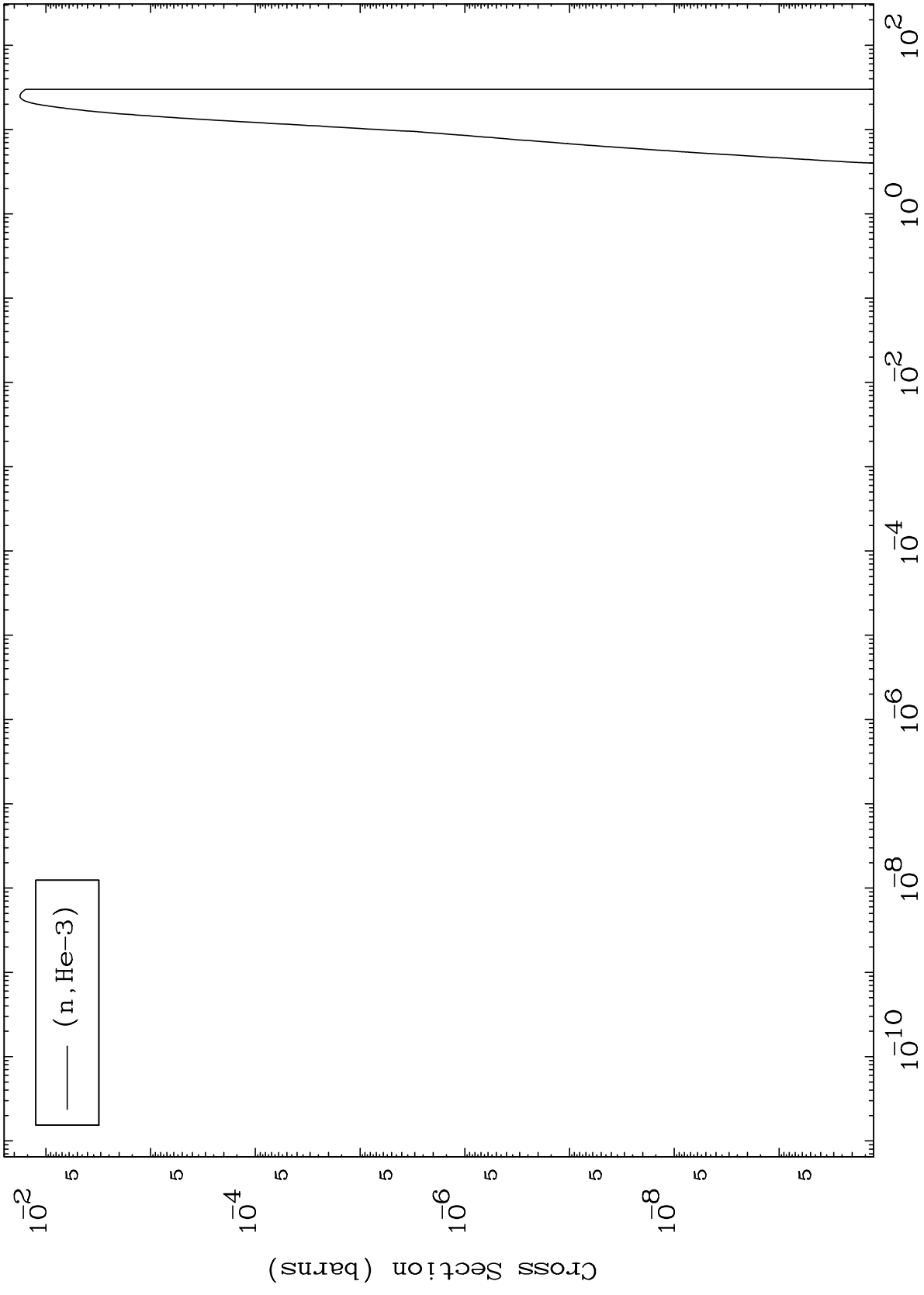
Incident Energy (MeV)

50-Sn-103

MAT 4998

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-103



10

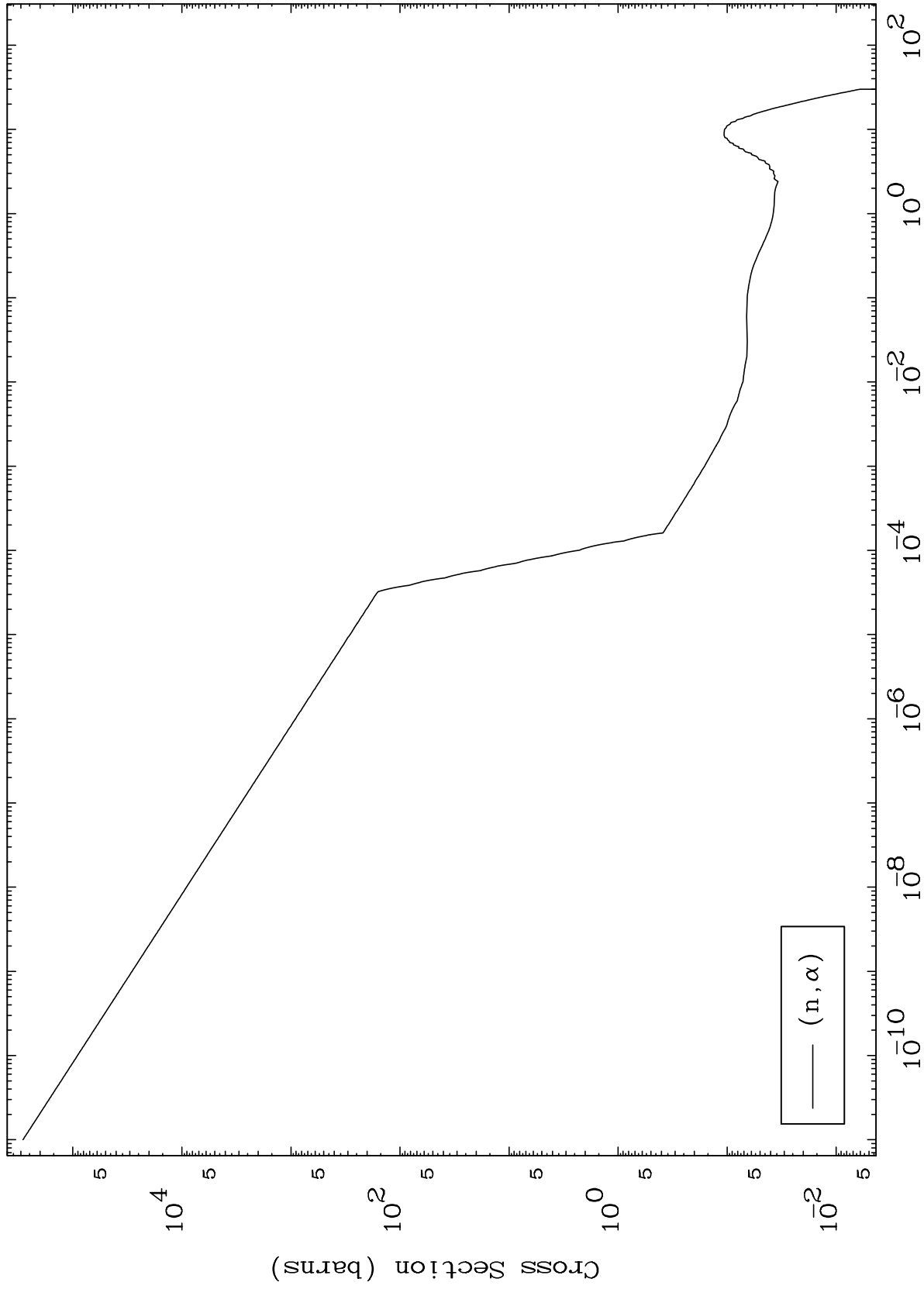
Incident Energy (MeV)

50-Sn-103

MAT 4998

(n,α) Levels
293 Kelvin Cross Sections

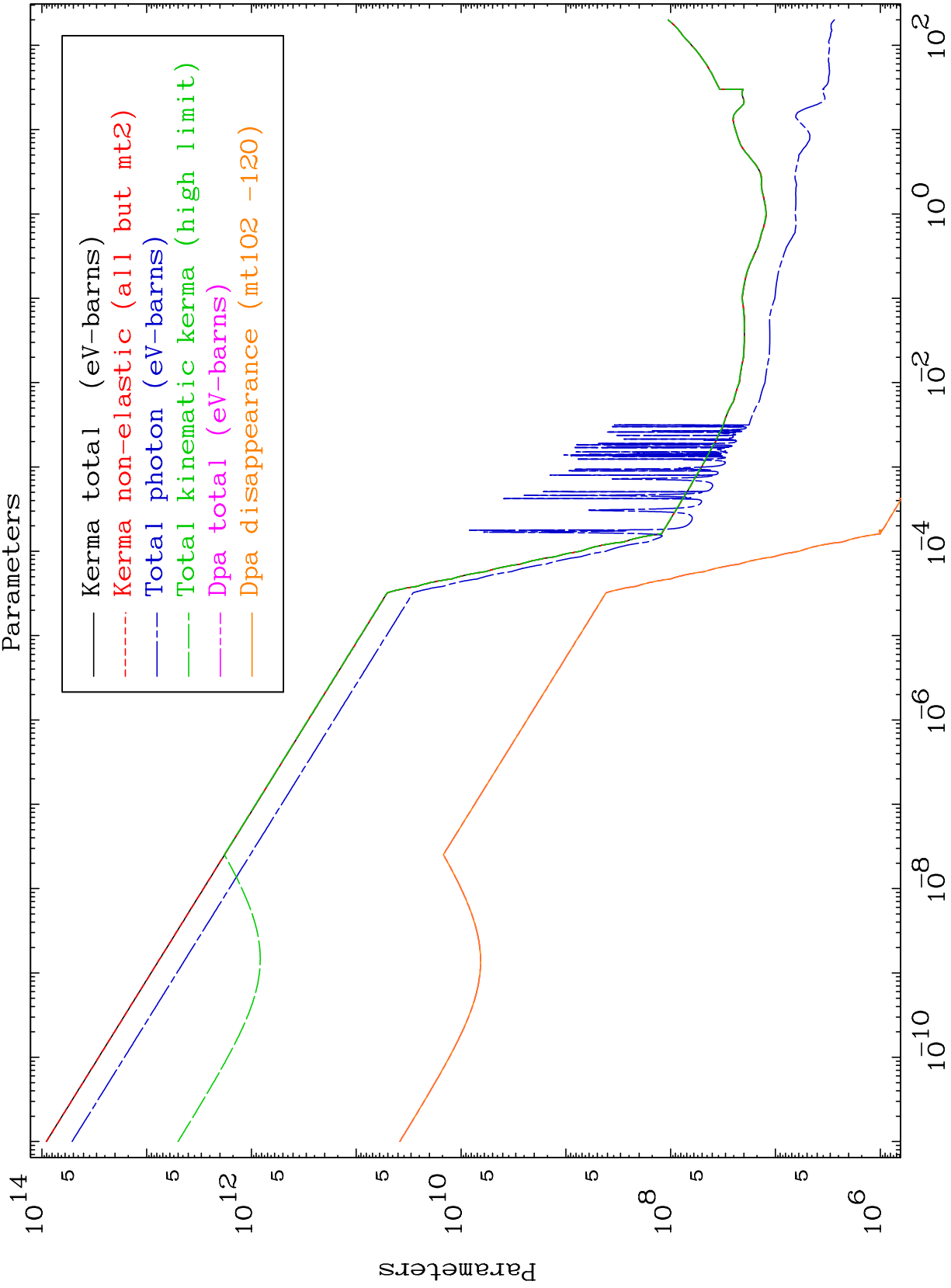
50-Sn-103



MAT 4998

Energy Release
Parameters

50-Sn-103



12

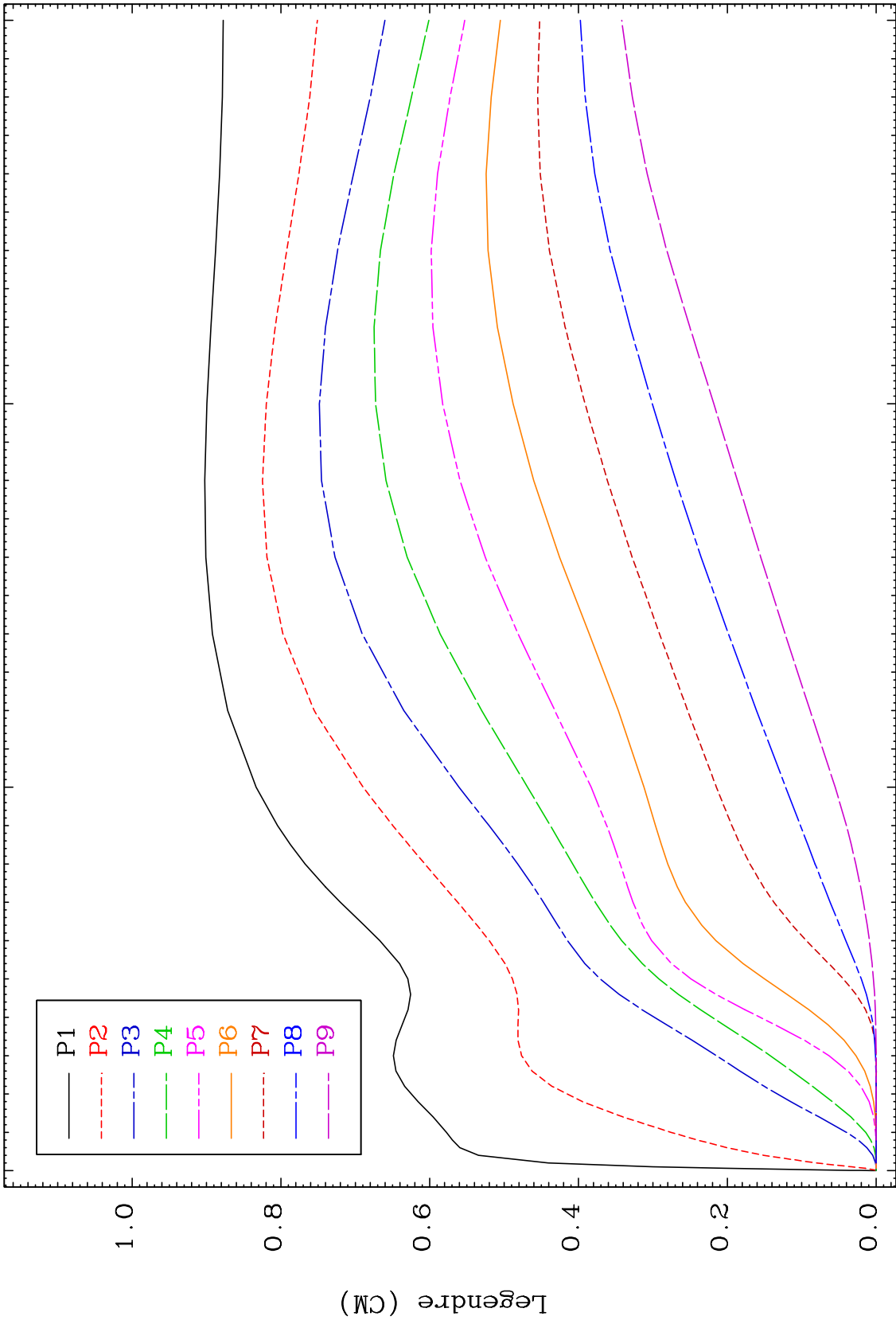
Incident Energy (MeV)

50-Sn-103

MAT 4998

Elastic Legendre Coefficients

50-Sn-103



13

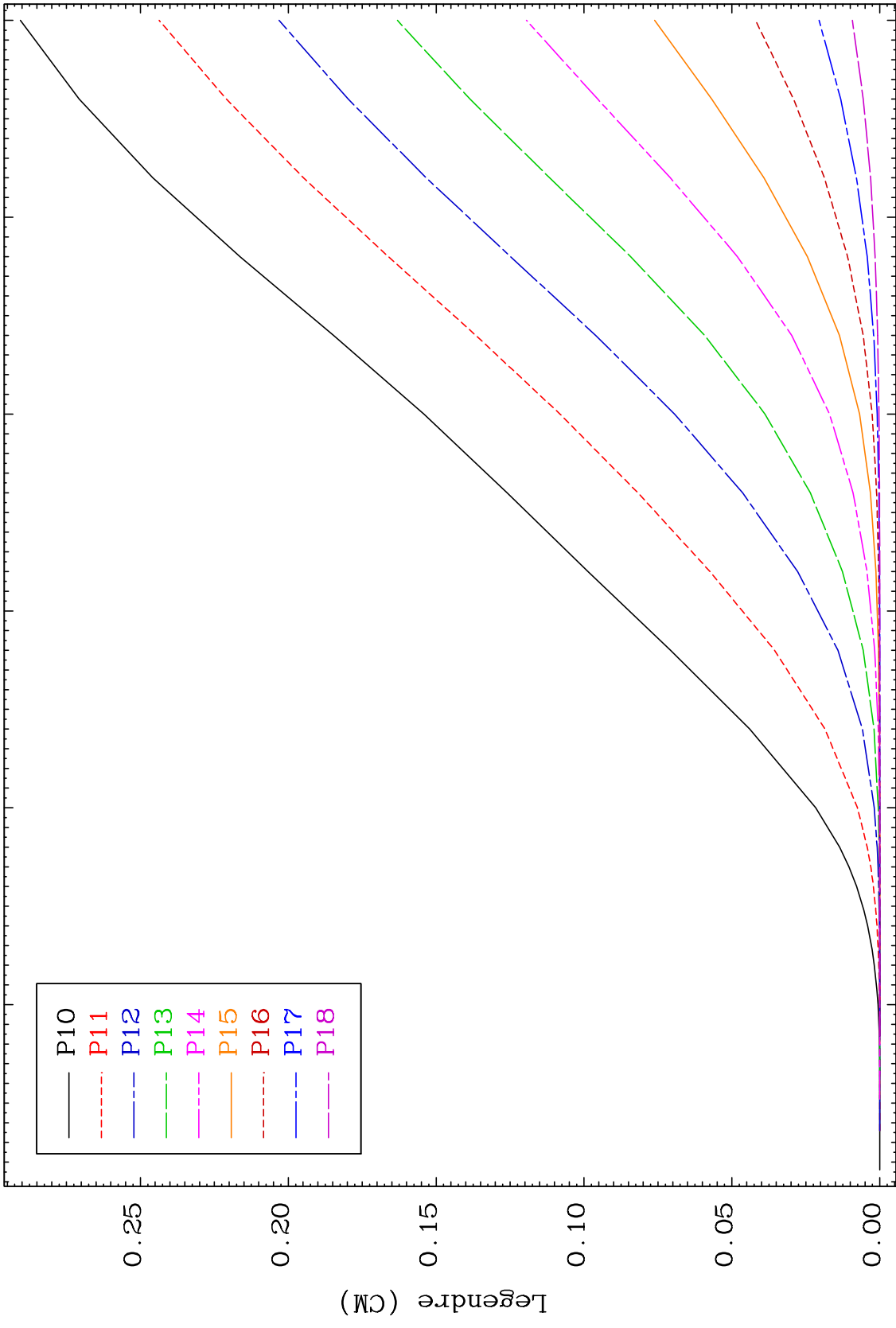
Incident Energy (MeV)

50-Sn-103

MAT 4998

Elastic Legendre Coefficients

50-Sn-103



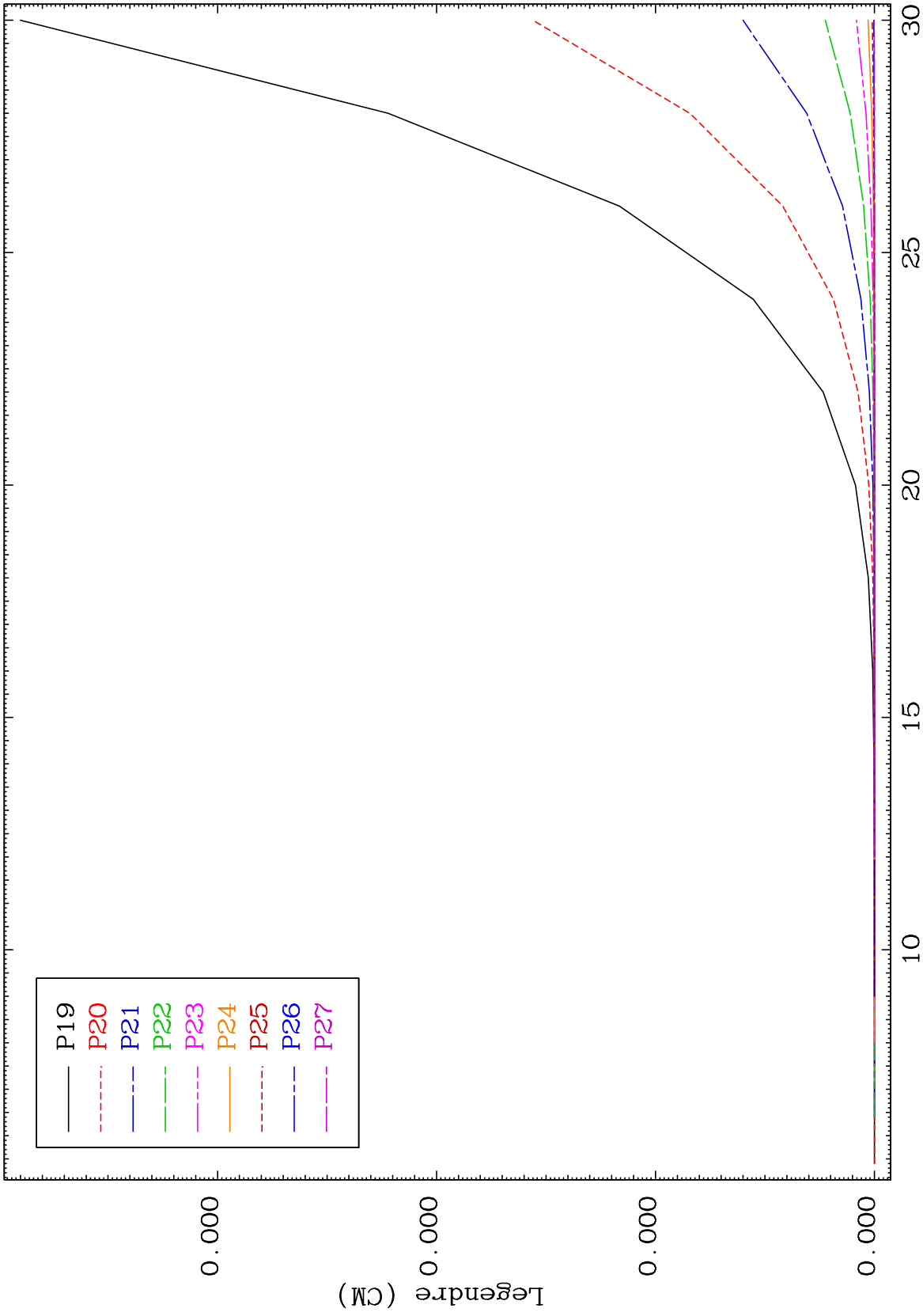
14

50-Sn-103

MAT 4998

Elastic Legendre Coefficients

50-Sn-103



15

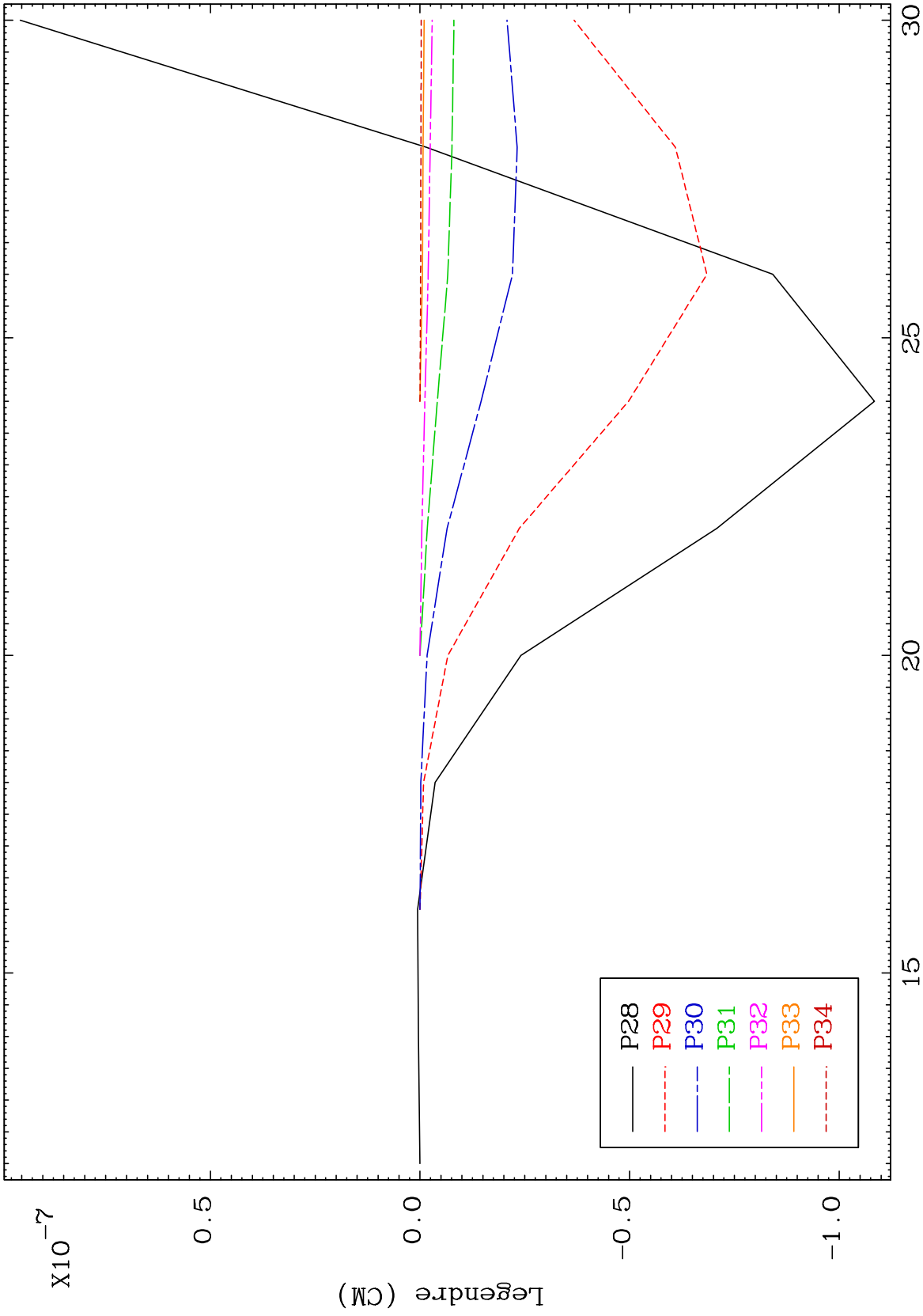
Incident Energy (MeV)

50-Sn-103

MAT 4998

Elastic
Legendre Coefficients

50-Sn-103

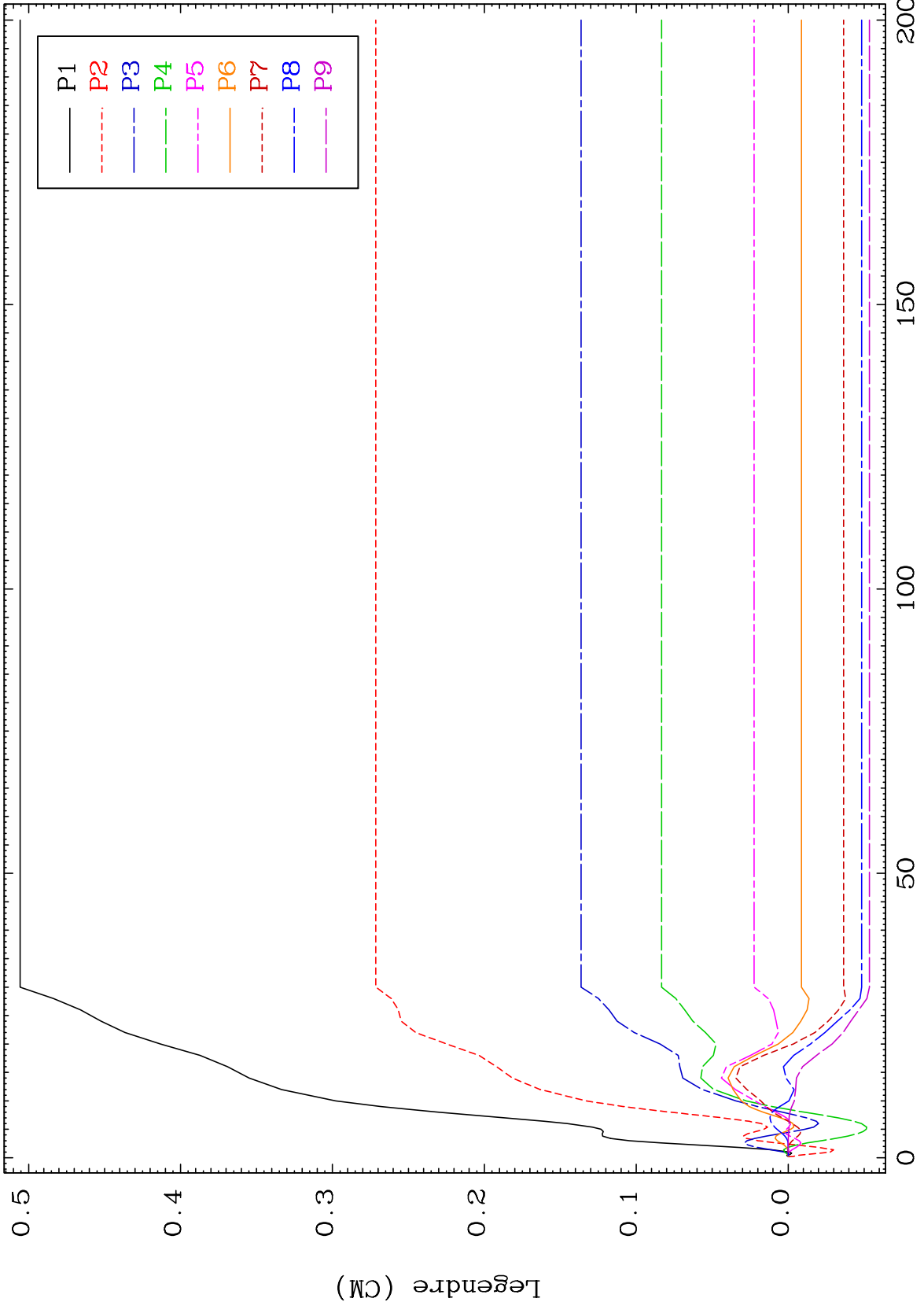


16

Incident Energy (MeV)

50-Sn-103

MAT 4998 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-103

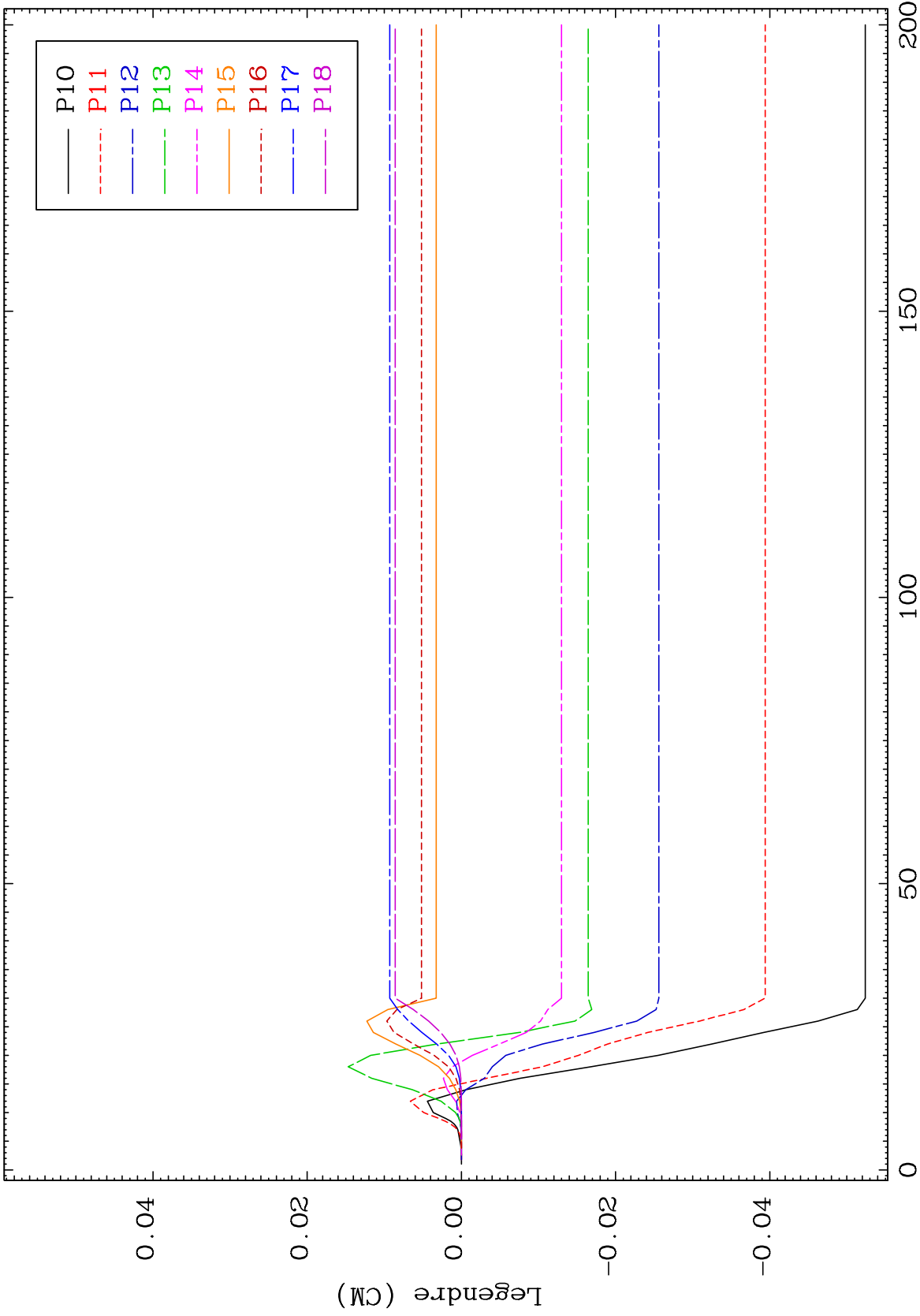


17 50-Sn-103

MAT 4998

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

50-Sn-103



18

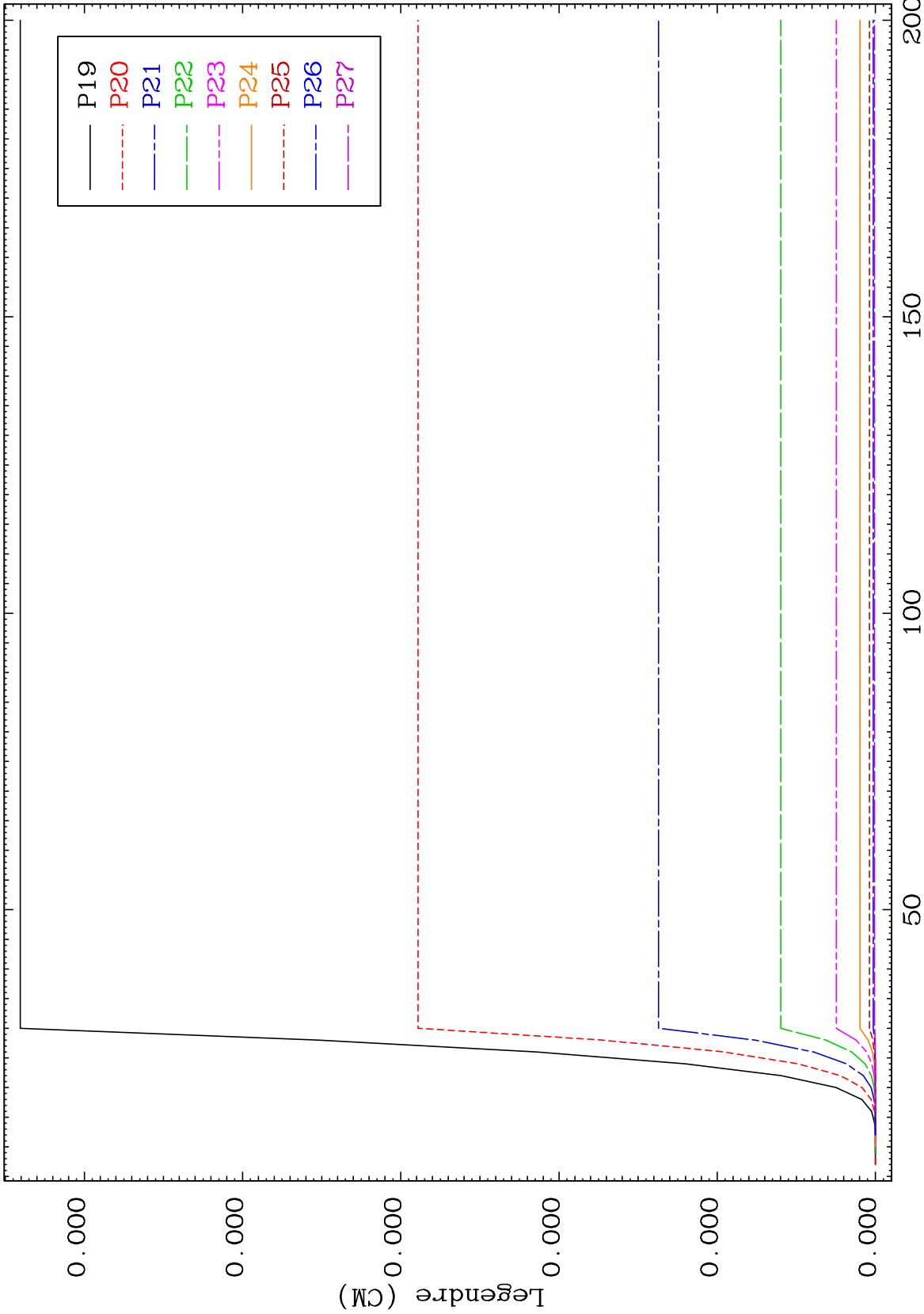
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103



19

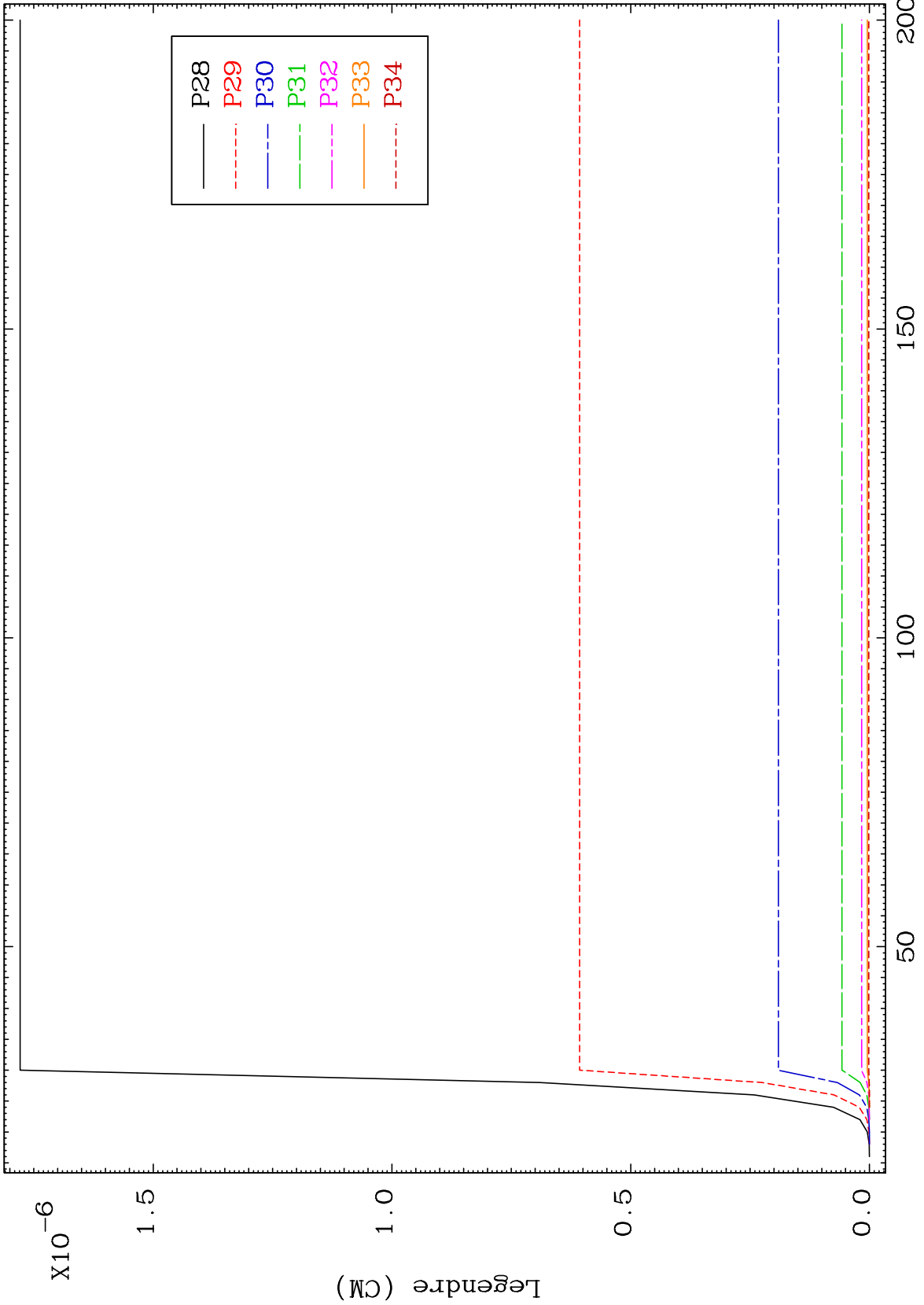
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103

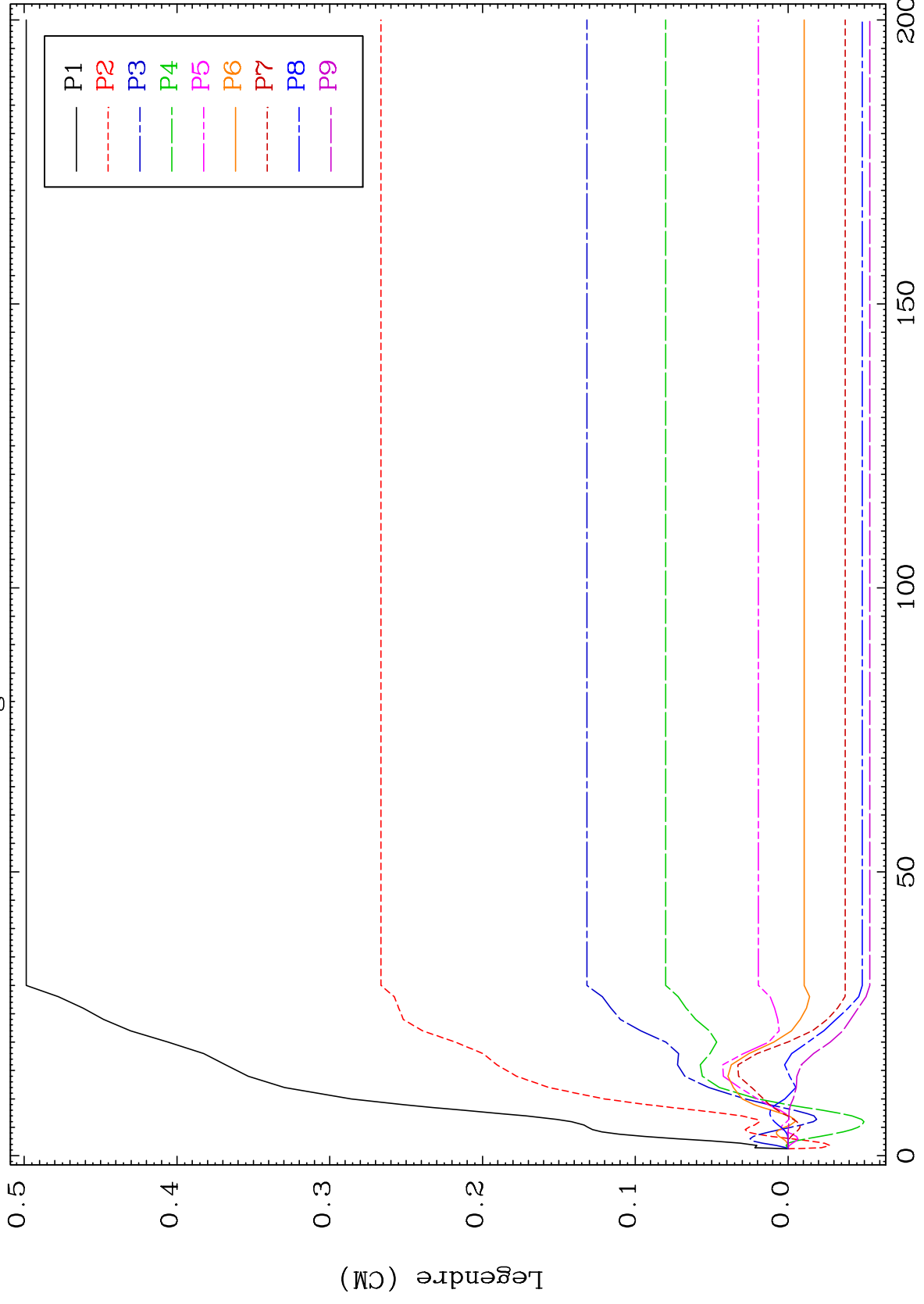


20

Incident Energy (MeV)

50-Sn-103

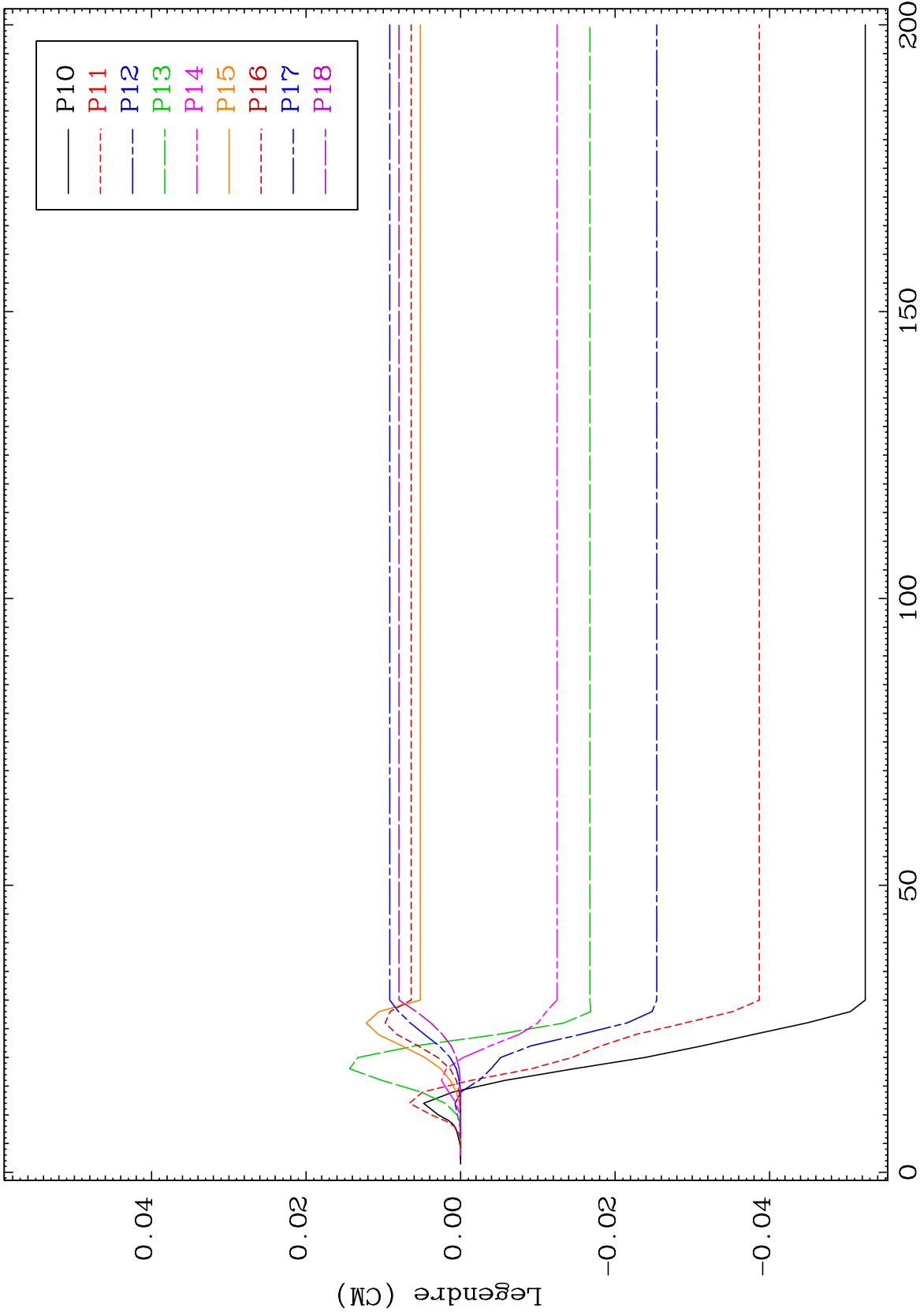
MAT 4998 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-103



MAT 4998

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

50-Sn-103



22

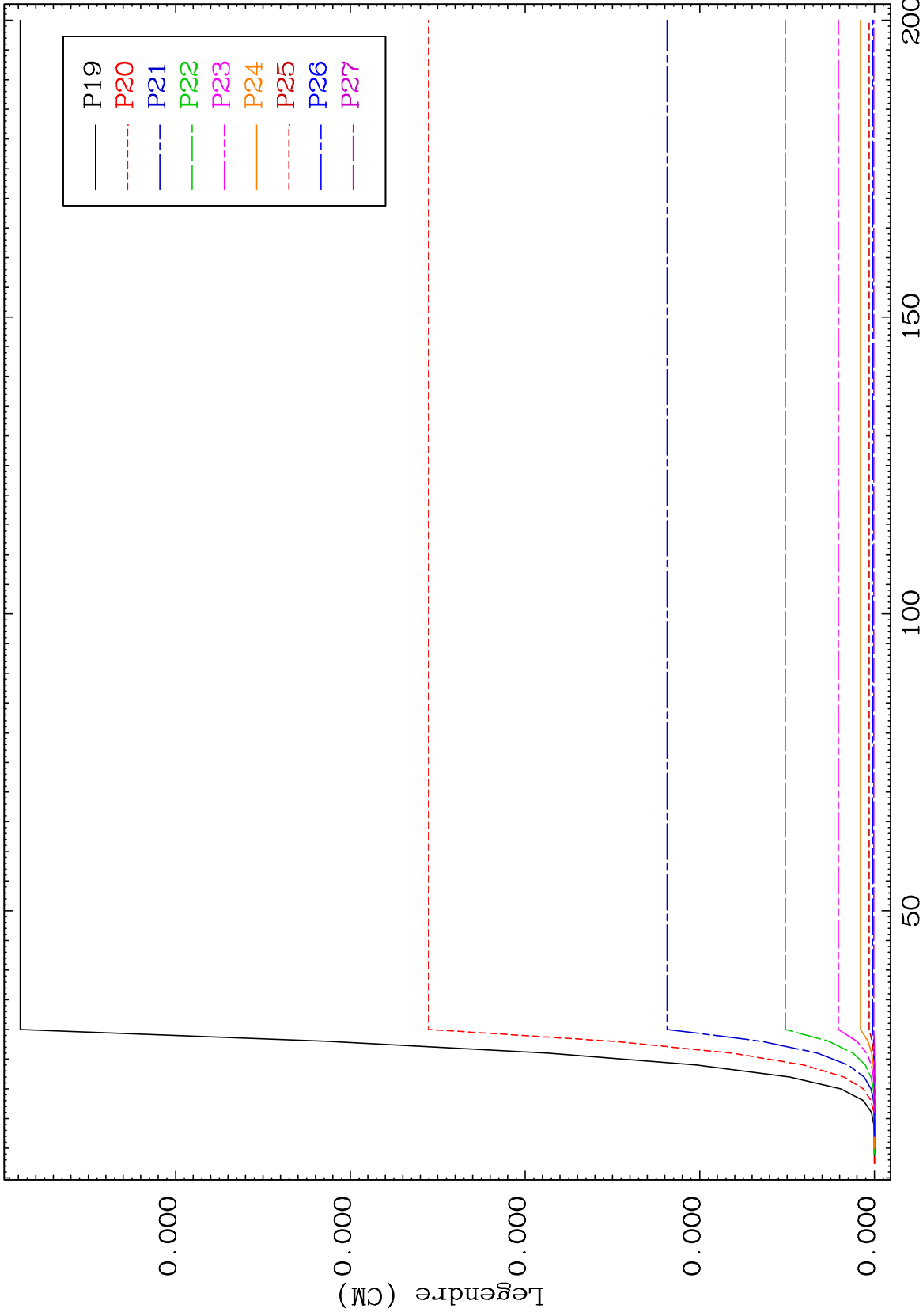
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103



23

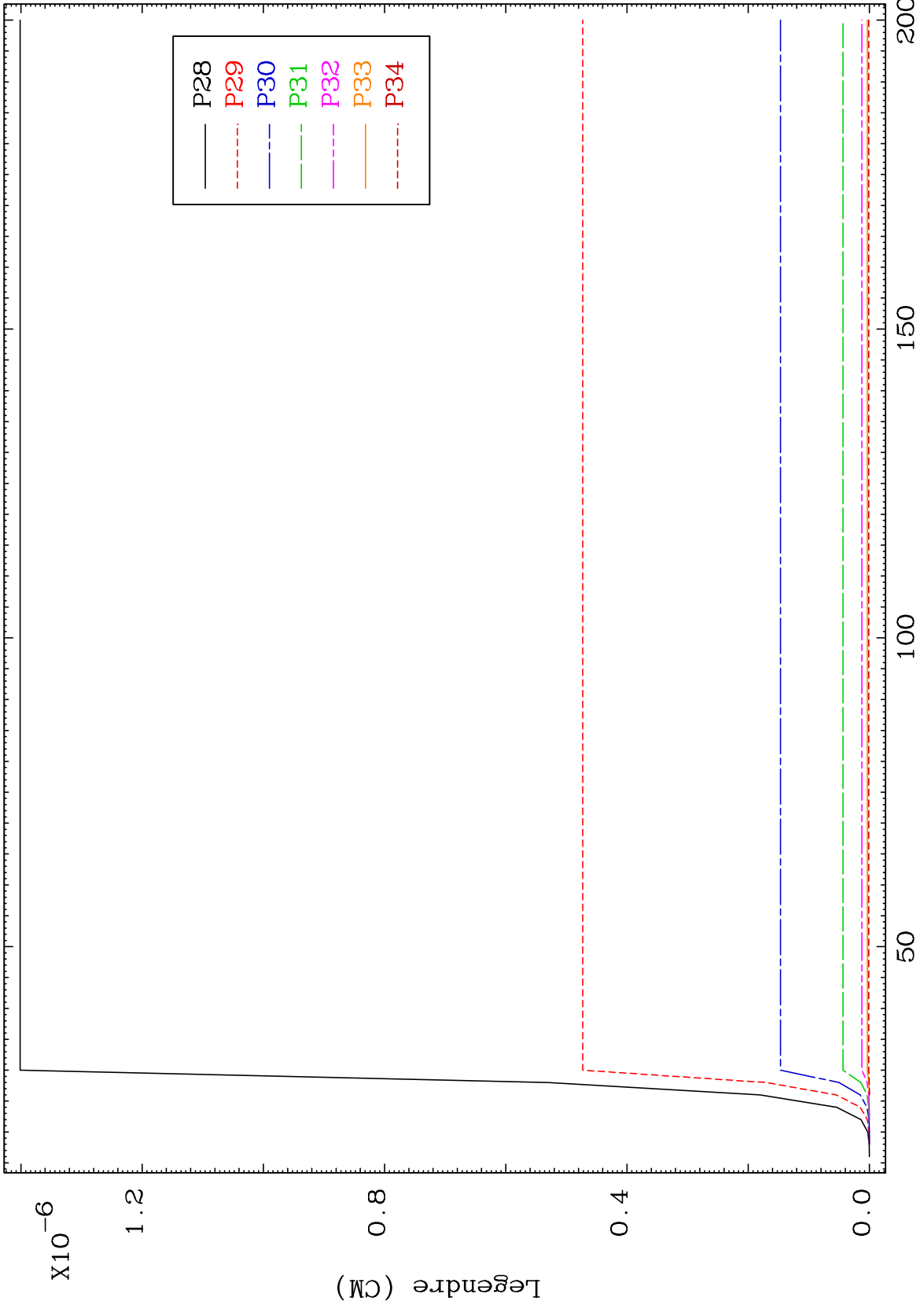
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103

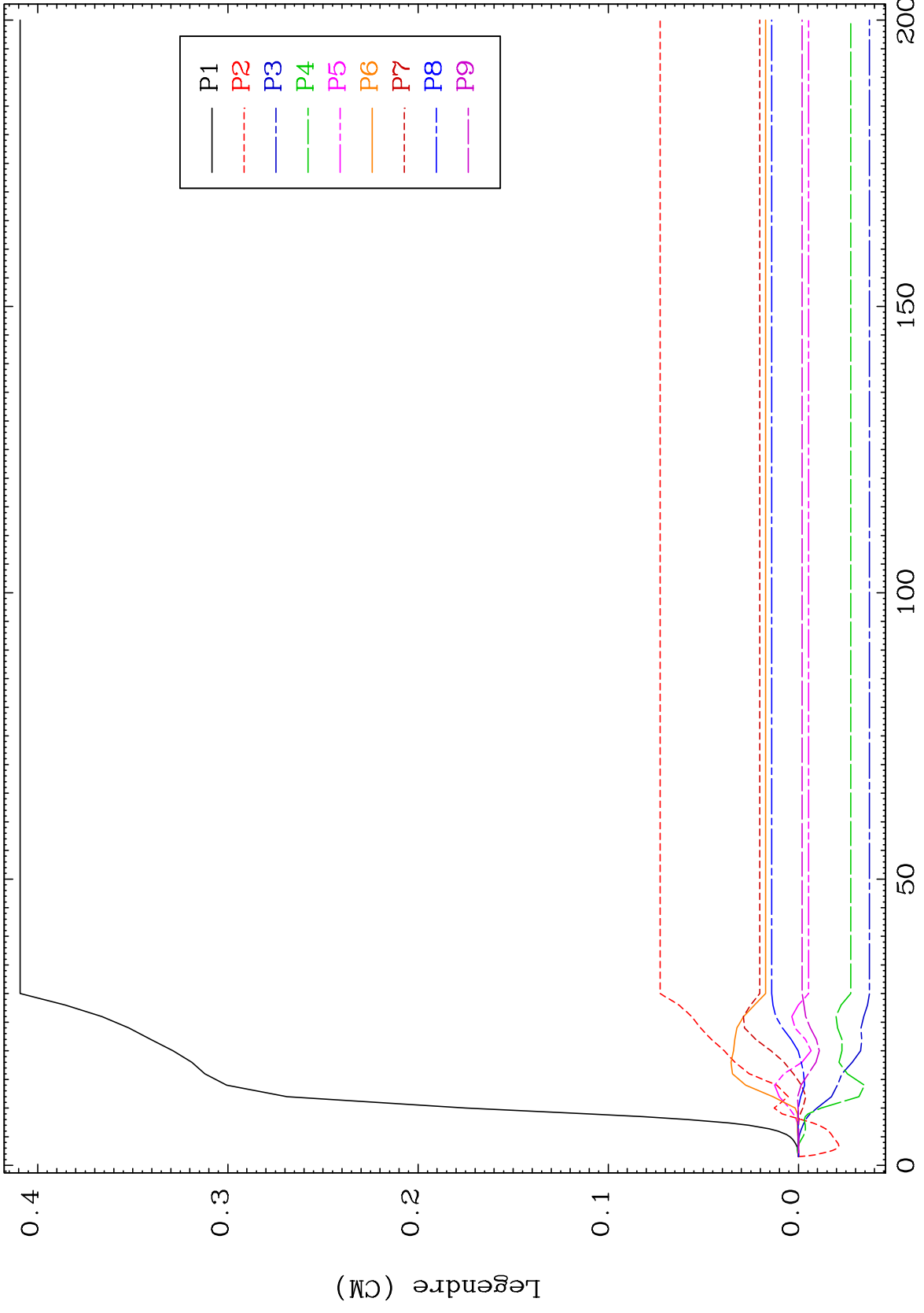


24

Incident Energy (MeV)

50-Sn-103

MAT 4998 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-103

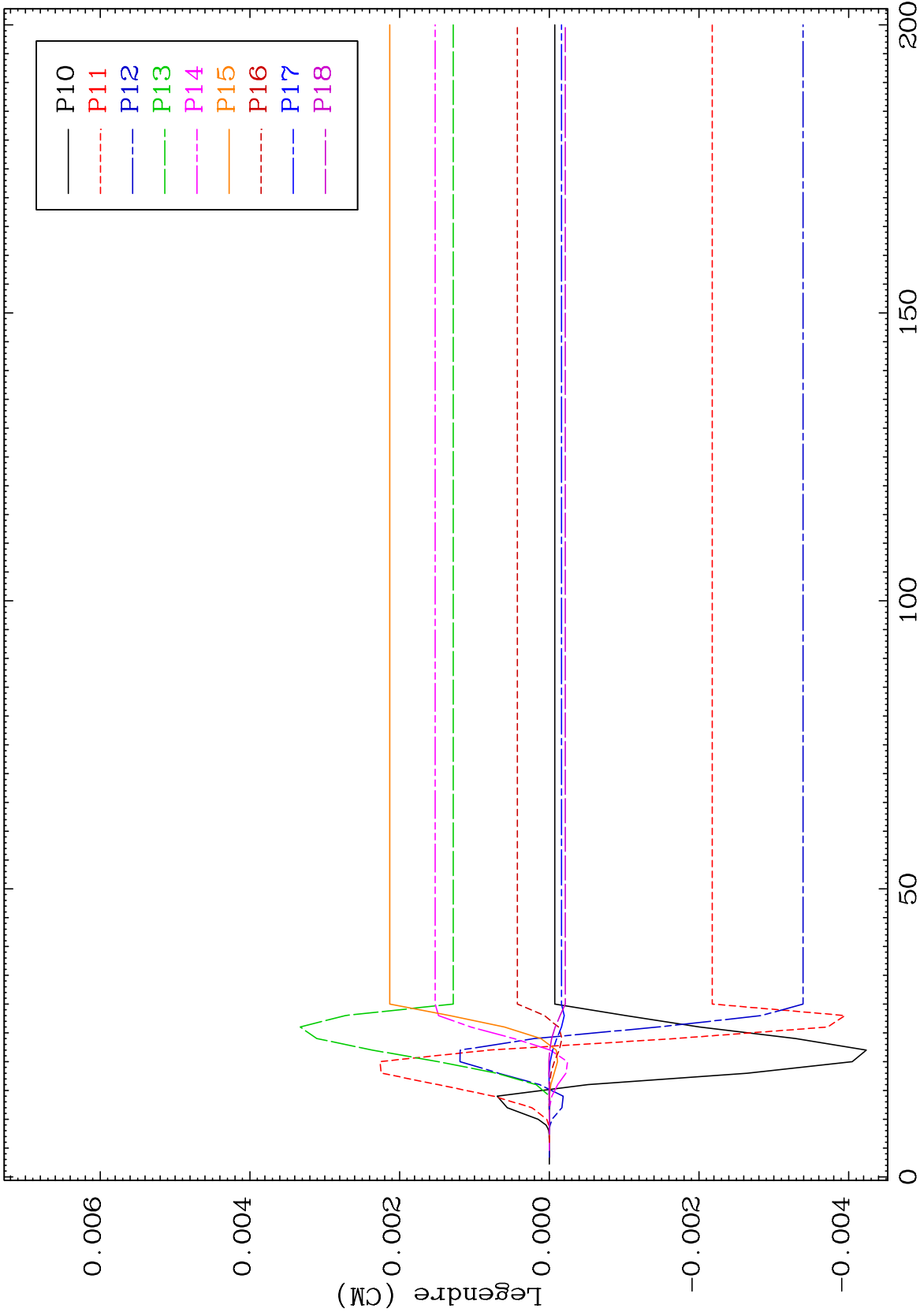


Legendre (CM) Incident Energy (MeV) 50-Sn-103

MAT 4998

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

50-Sn-103



26

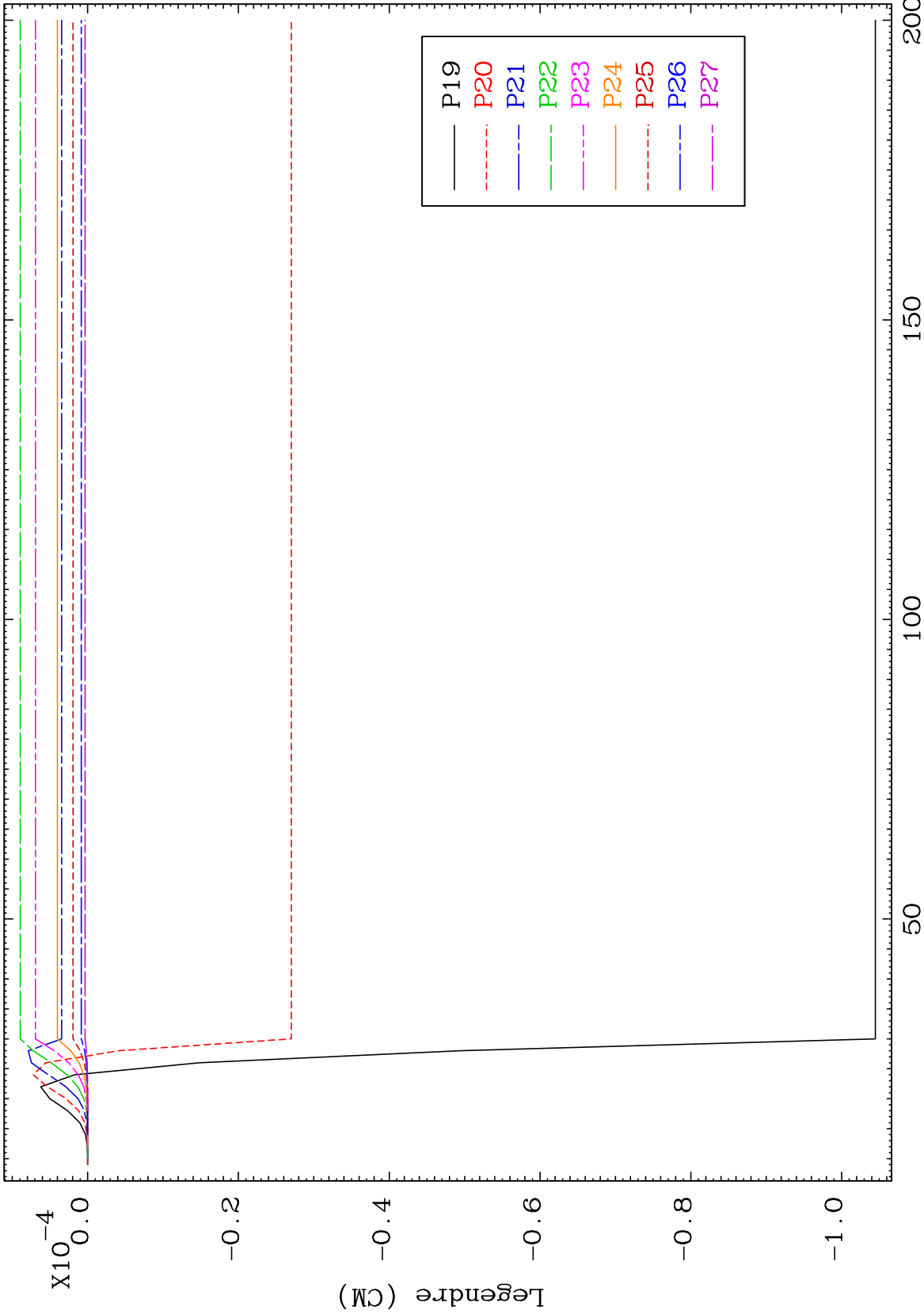
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103



27

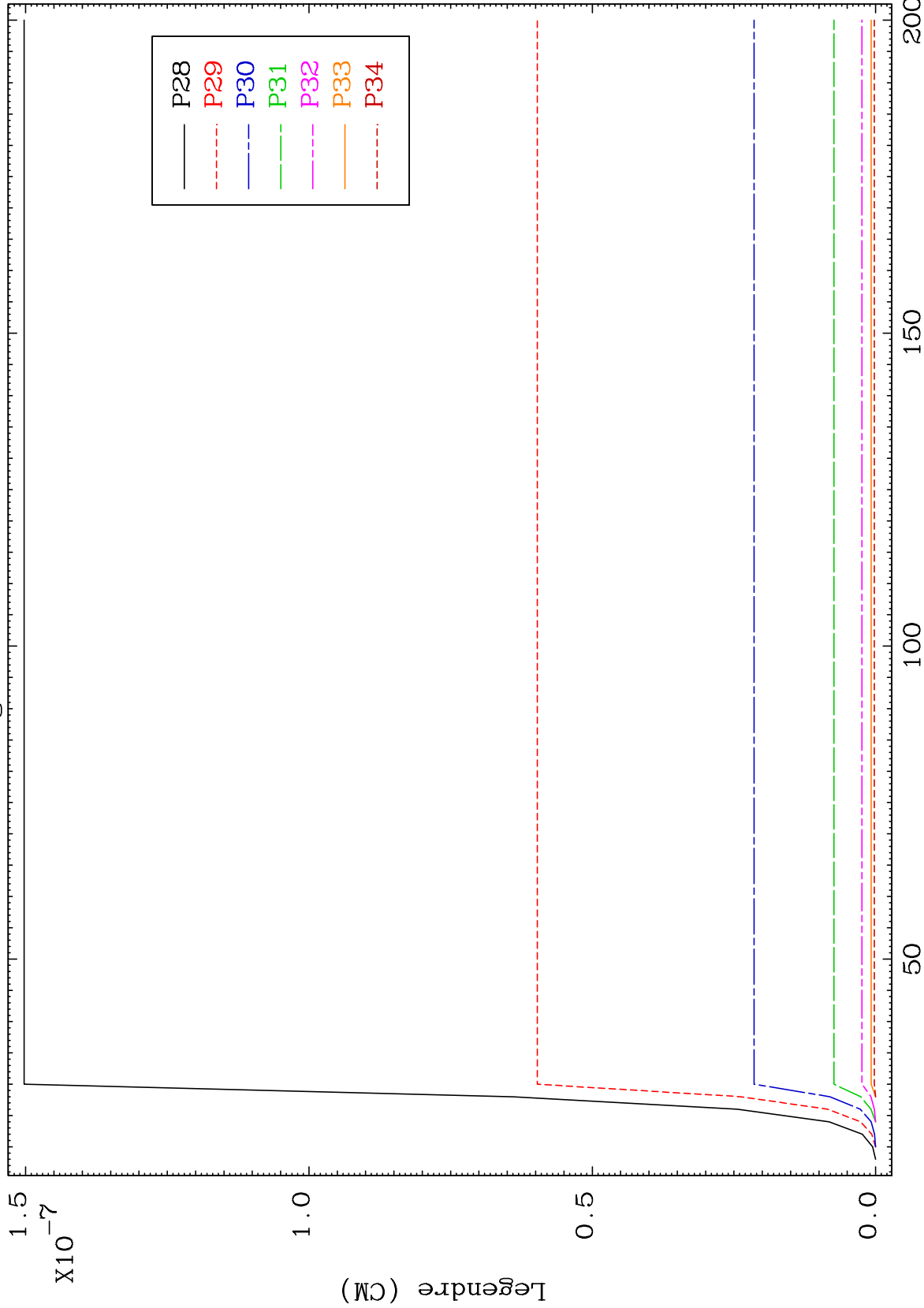
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103

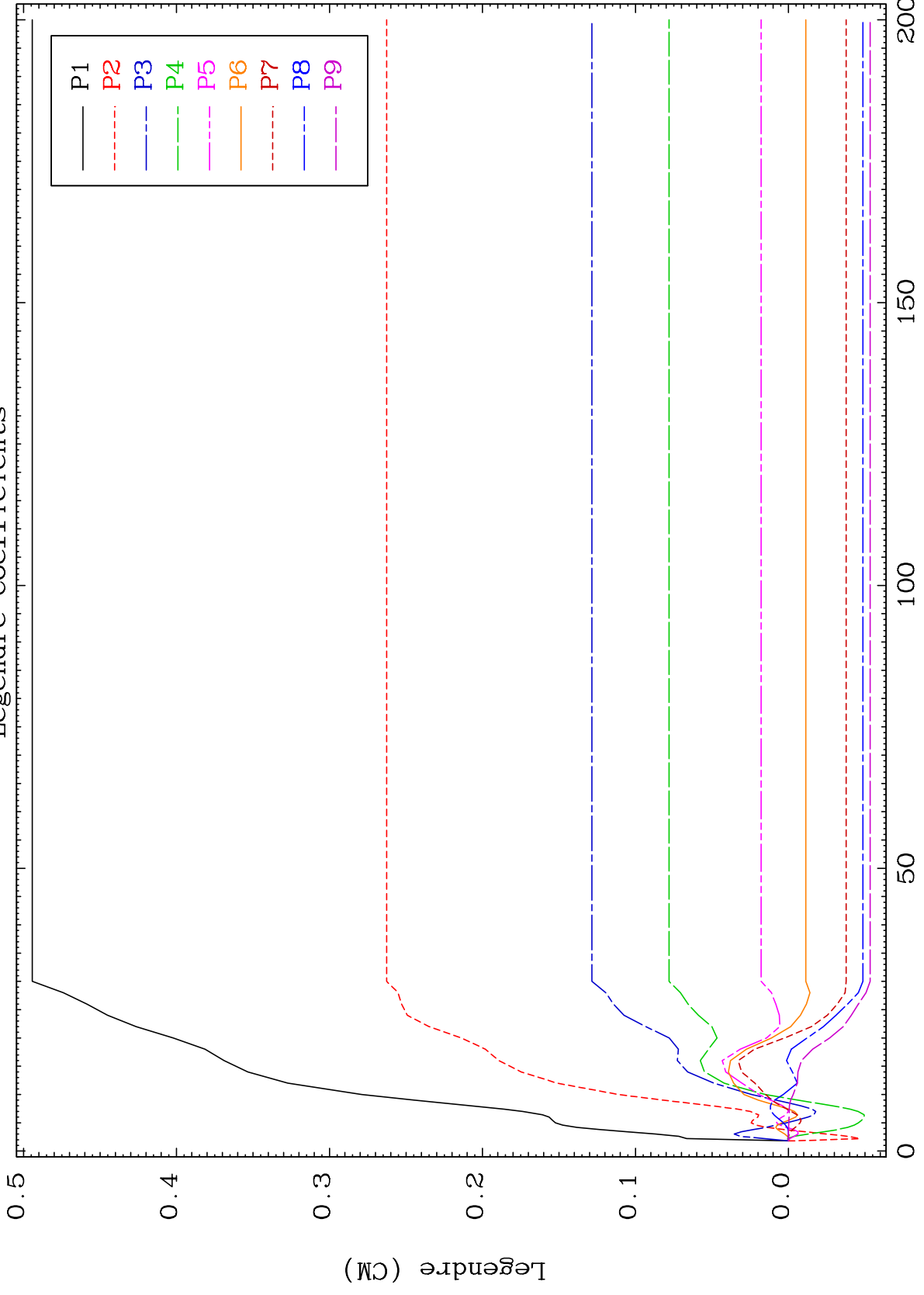


28

Incident Energy (MeV)

50-Sn-103

MAT 4998 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-103

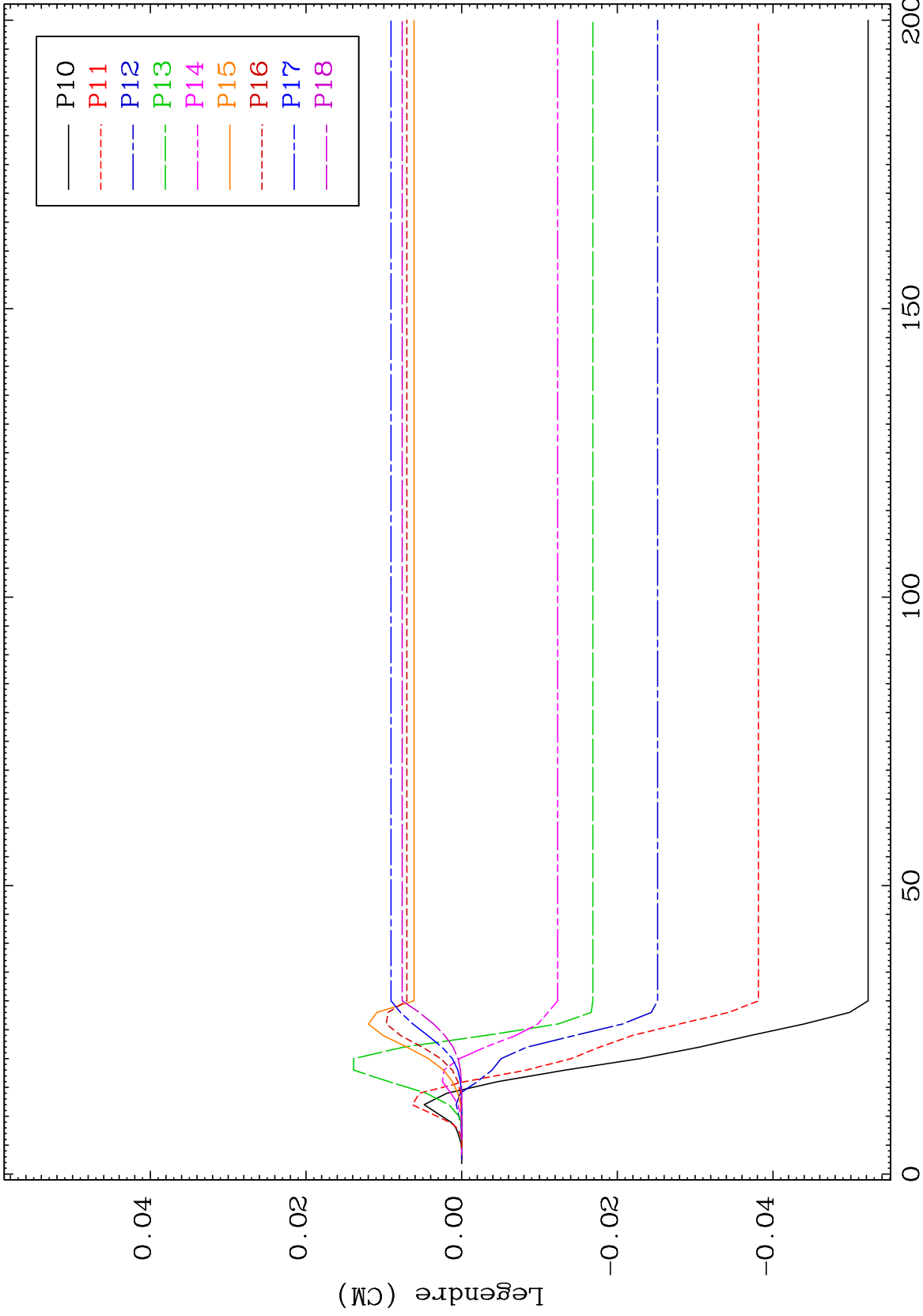


Legendre (CM) Incident Energy (MeV) 29 50-Sn-103

MAT 4998

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

50-Sn-103



0

50

100

150

200

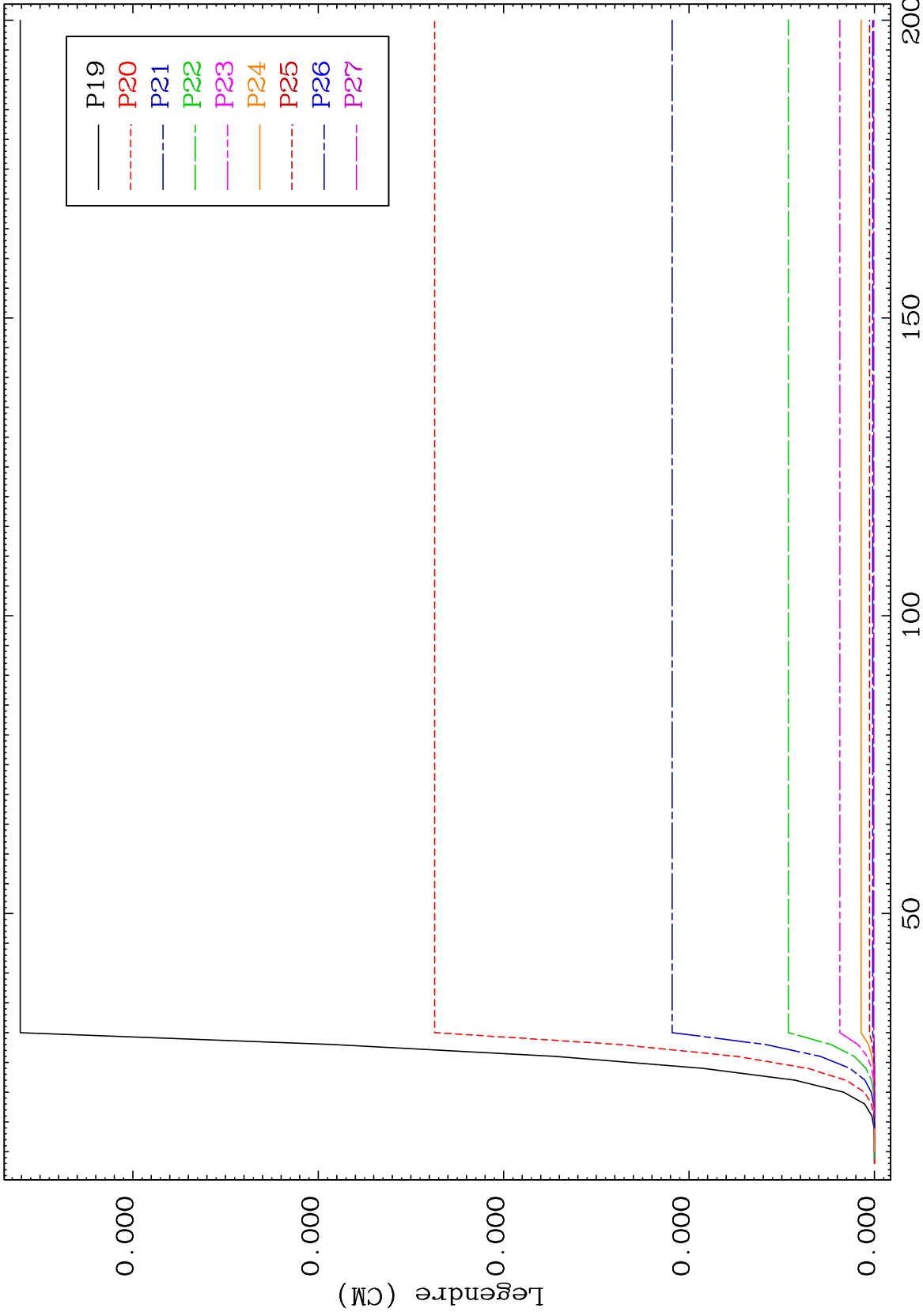
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103



31

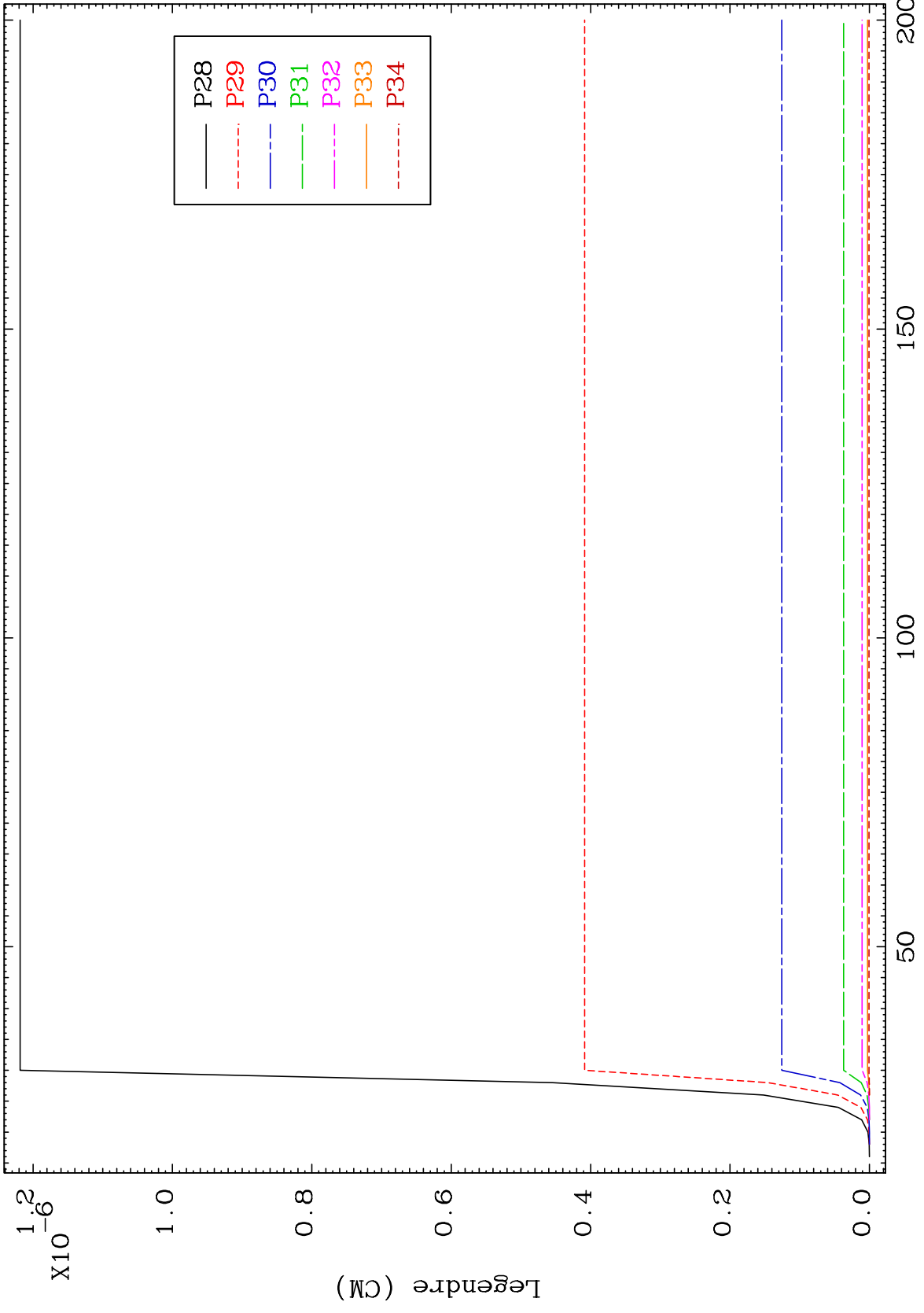
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103

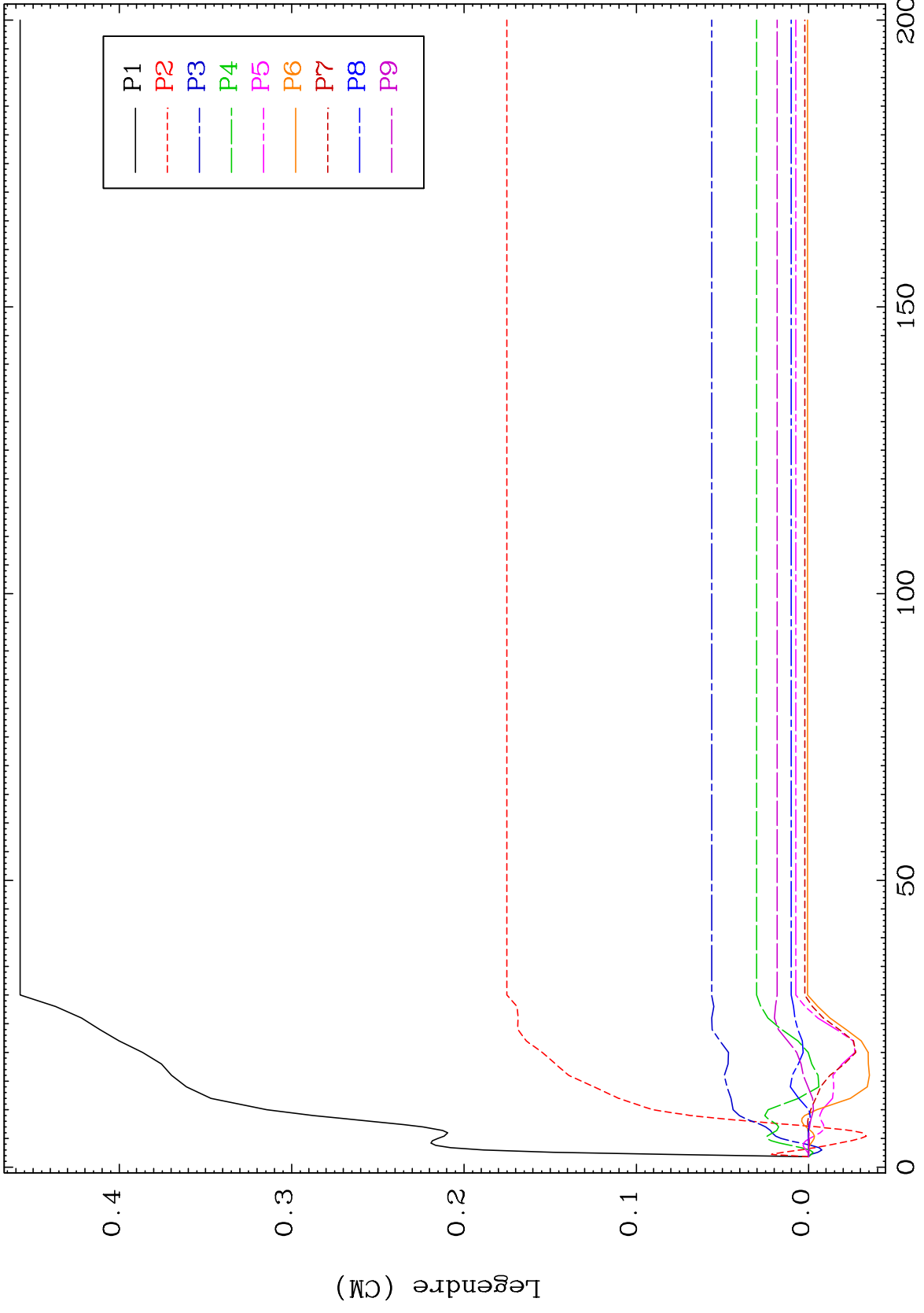


32

Incident Energy (MeV)

50-Sn-103

MAT 4998 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-103

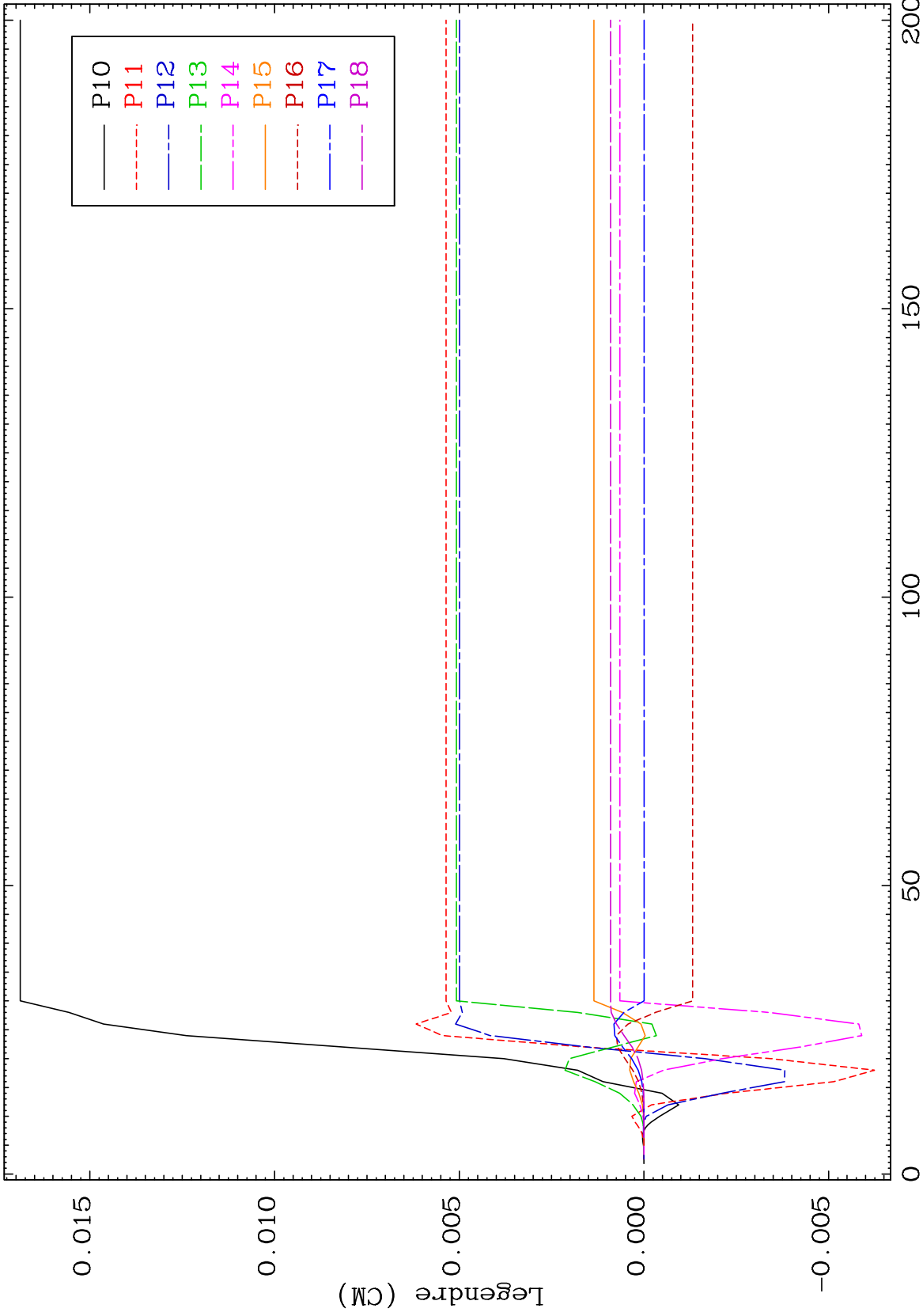


33 50-Sn-103

MAT 4998

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

50-Sn-103



34

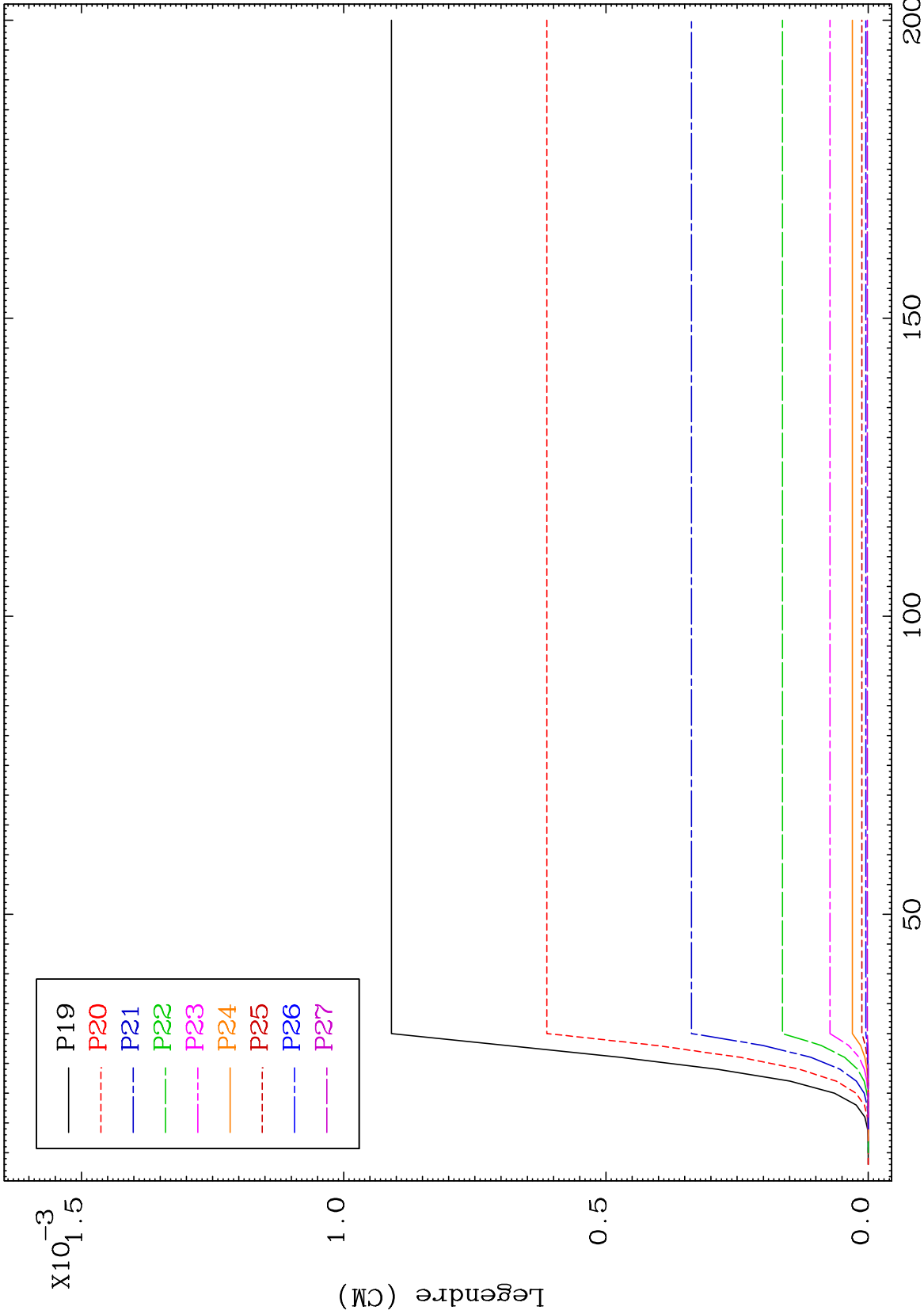
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103



35

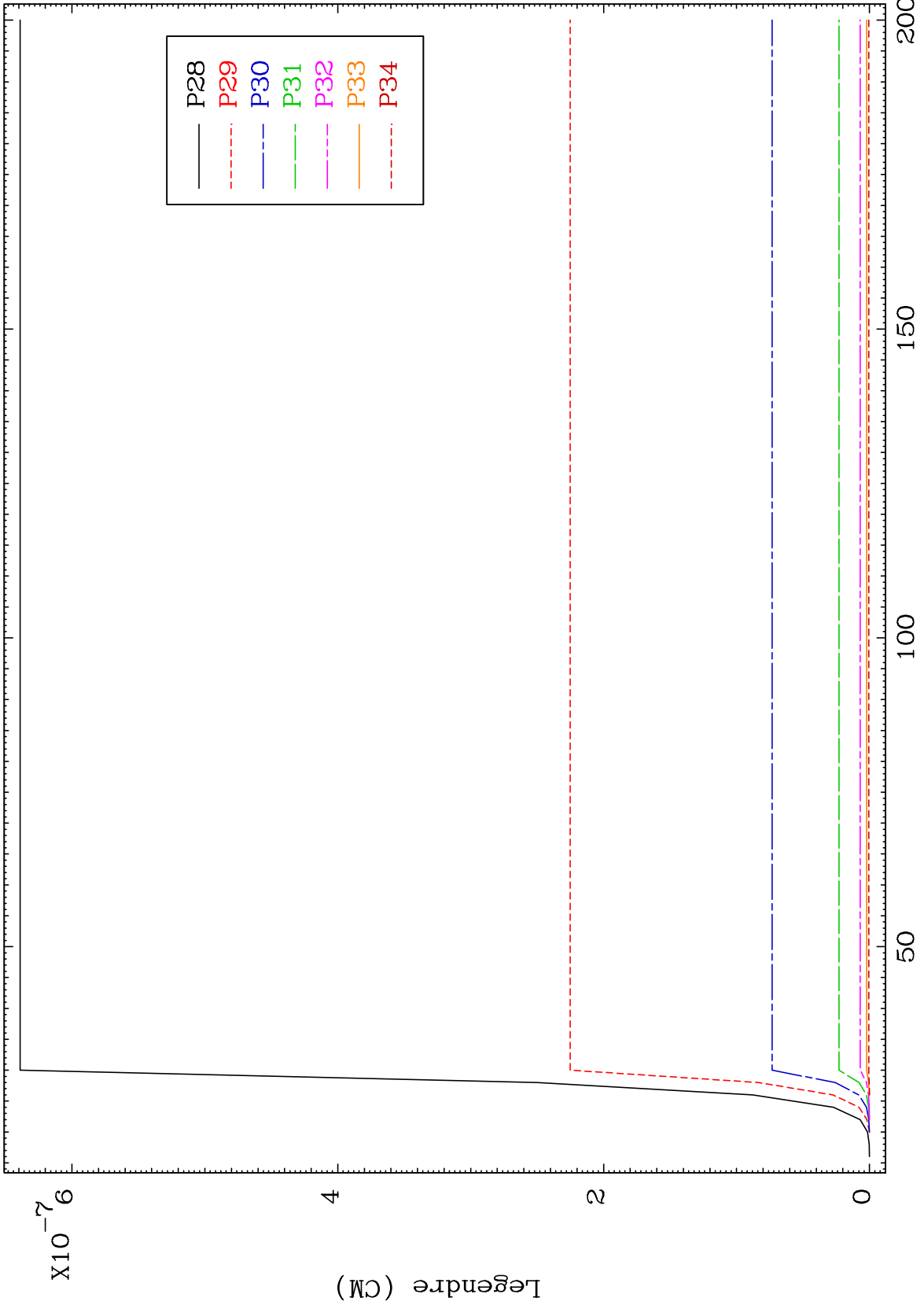
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

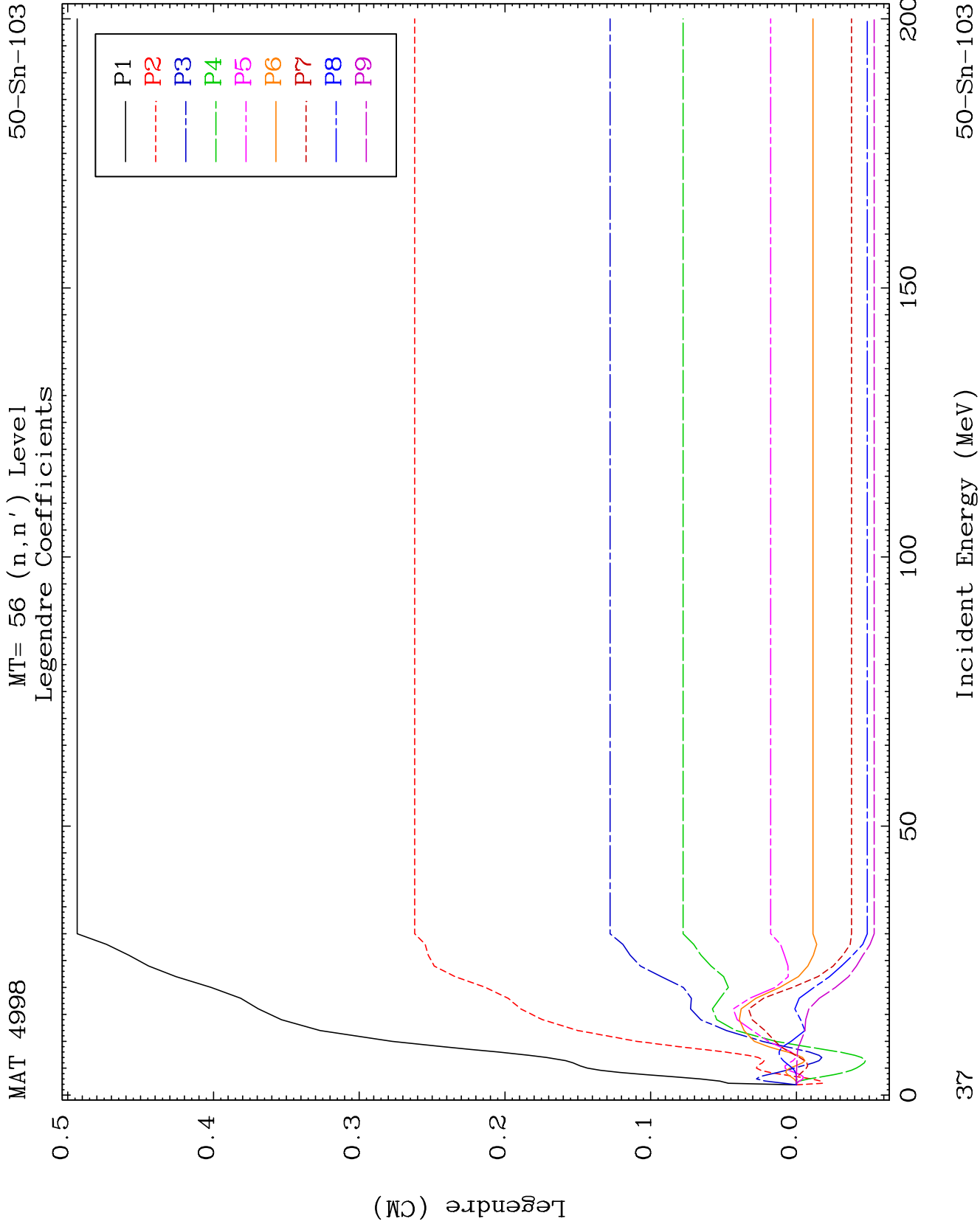
50-Sn-103



36

Incident Energy (MeV)

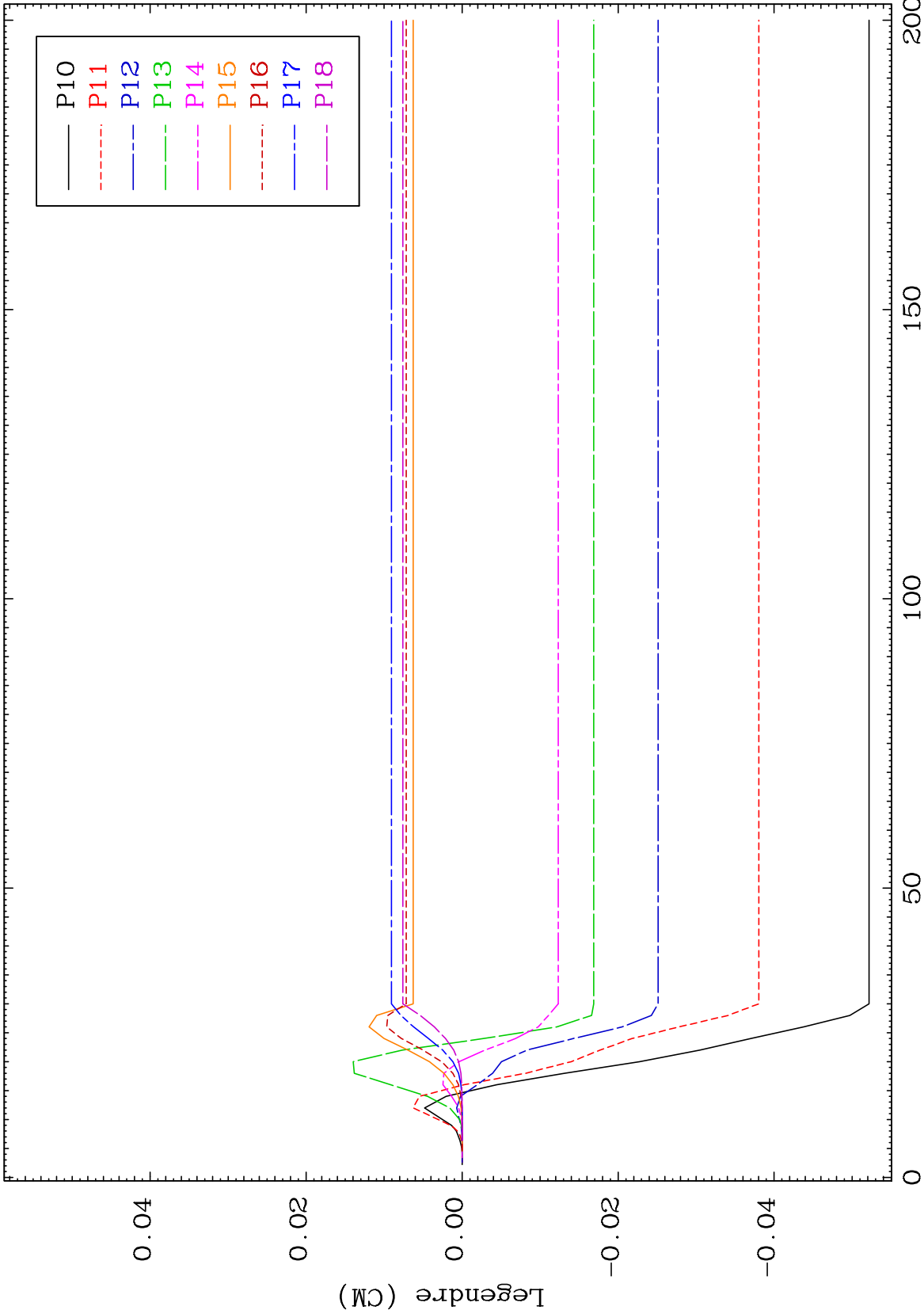
50-Sn-103



MAT 4998

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

50-Sn-103



38

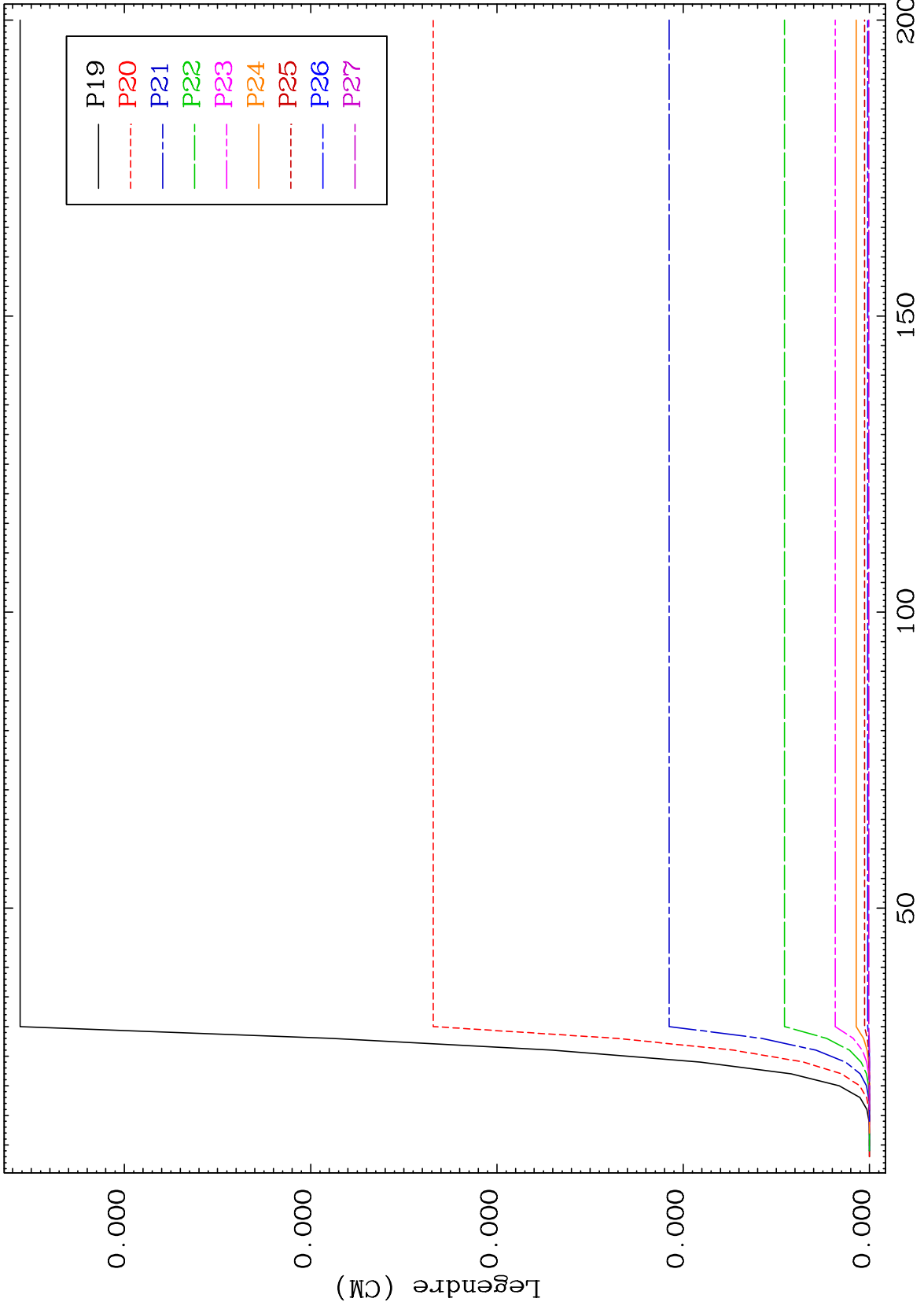
Incident Energy (MeV)

50-Sn-103

MAT 4998

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

50-Sn-103

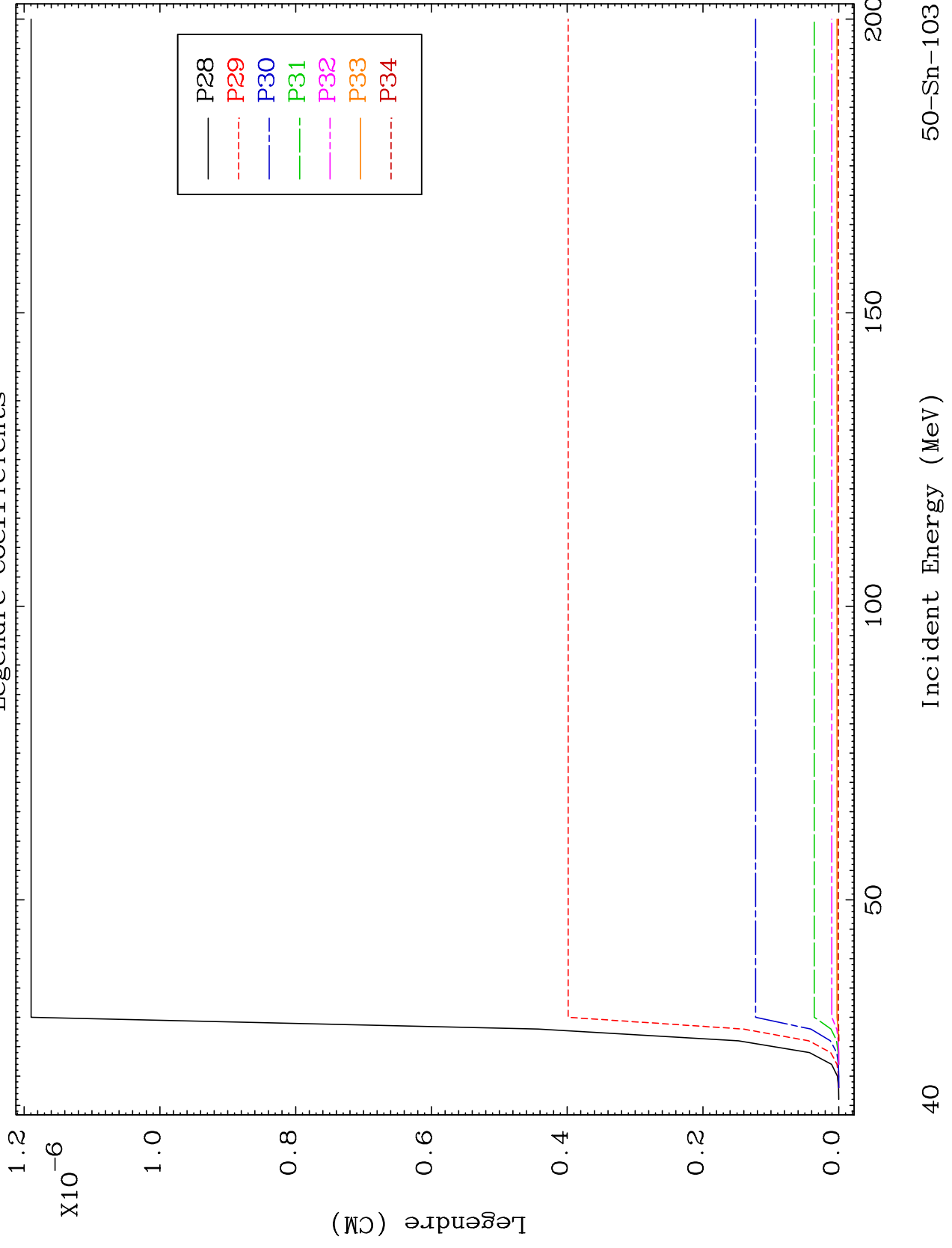


39

Incident Energy (MeV)

50-Sn-103

MAT 4998 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-103

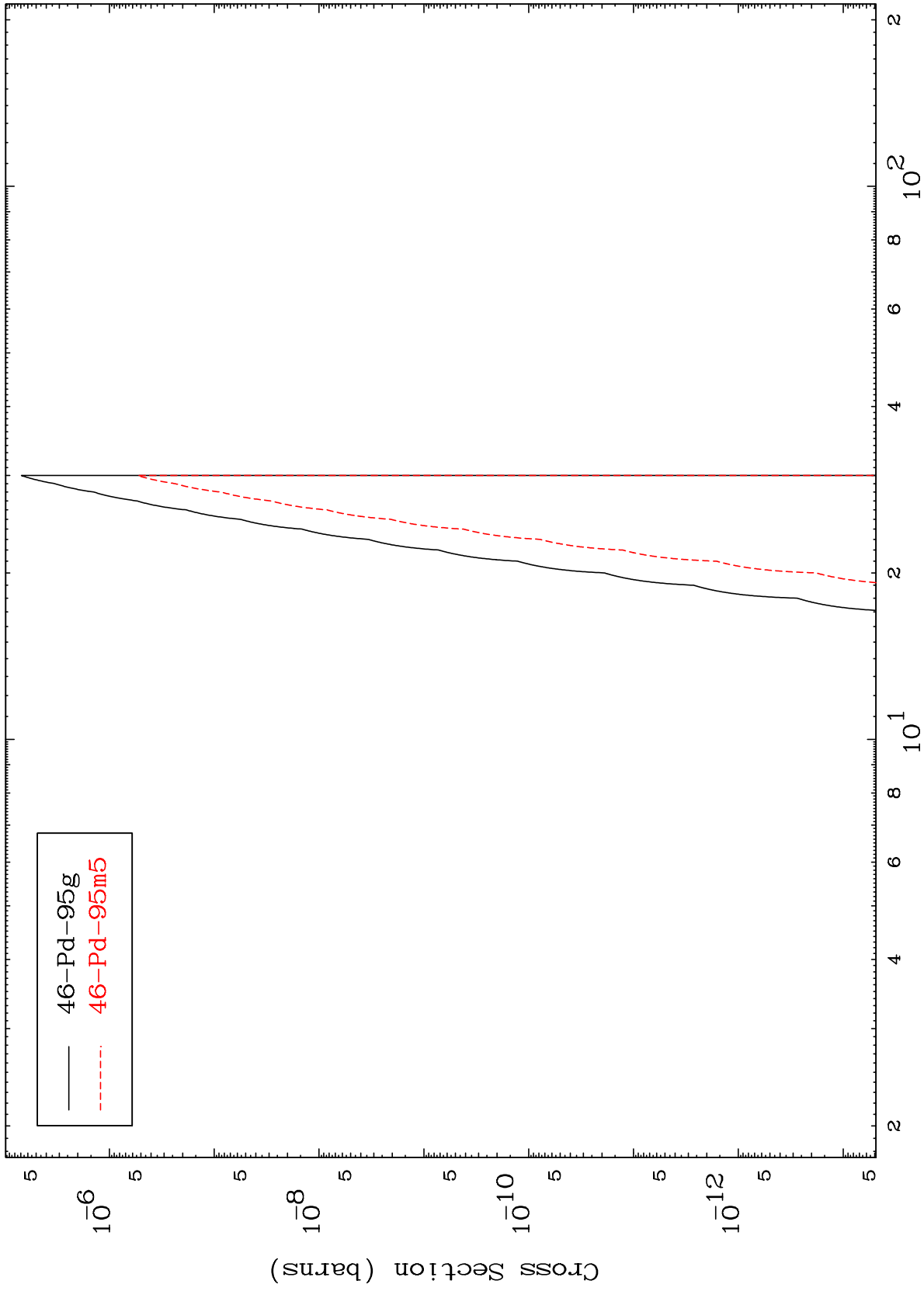


MAT 4998

(n, n') 2 α

50-Sn-103

Radionuclide Production Cross Section



41

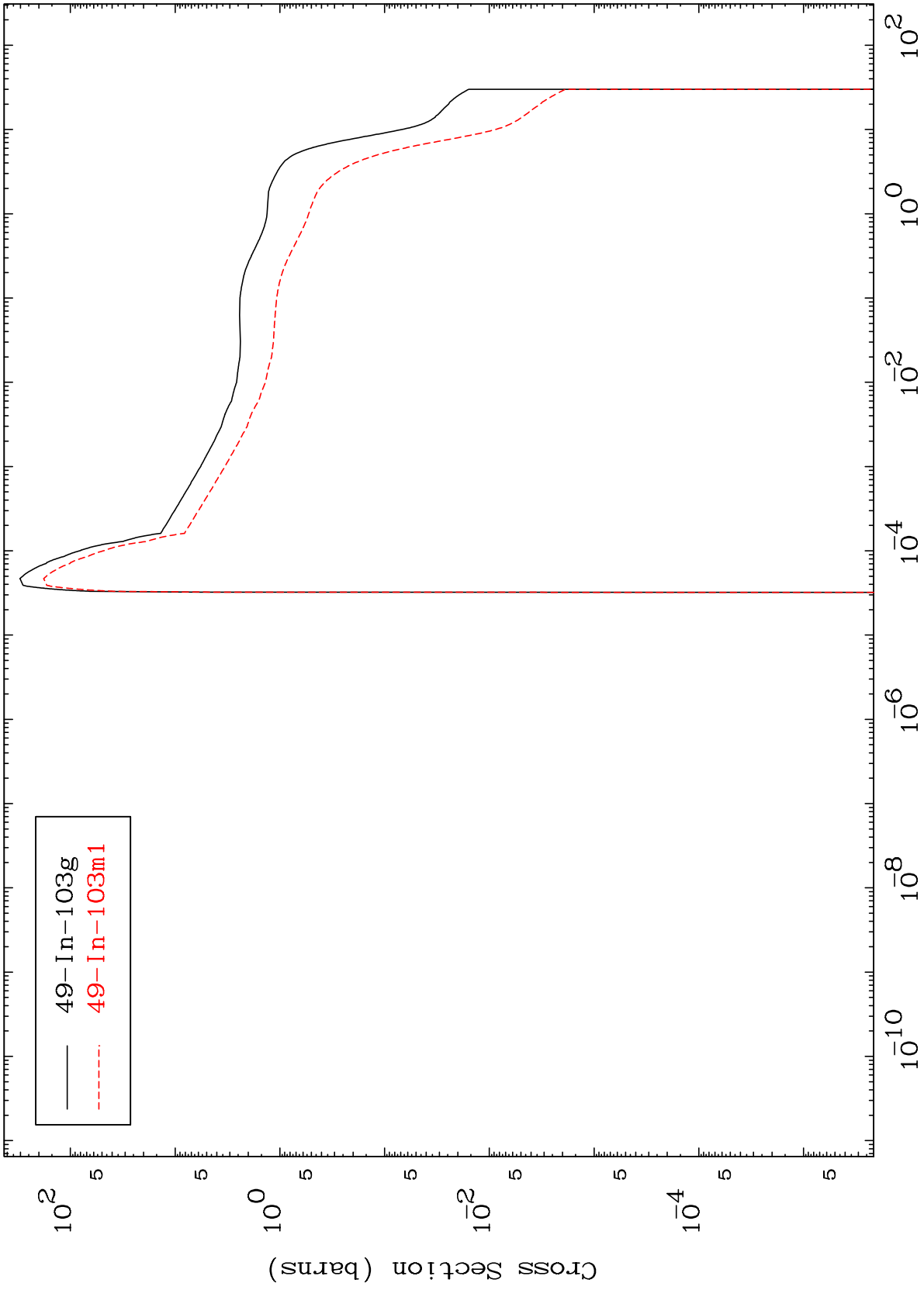
Incident Energy (MeV)

50-Sn-103

MAT 4998

50-Sn-103

(n,p)
Radionuclide Production Cross Section



42

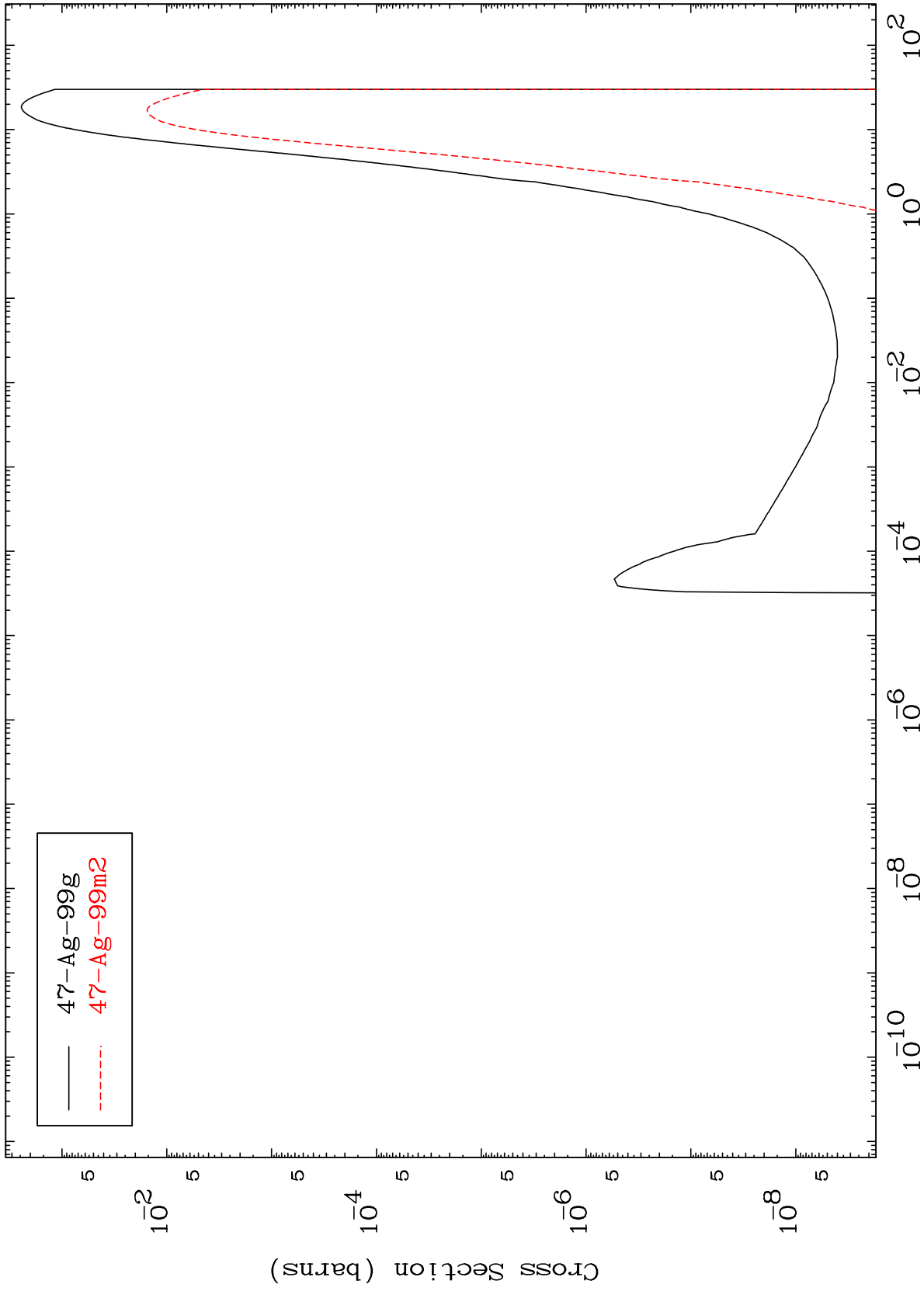
50-Sn-103

MAT 4998

(n,p) α

50-Sn-103

Radionuclide Production Cross Section



43

Incident Energy (MeV)

50-Sn-103