

Program EVALPLOT
(Version 2018-1)

by

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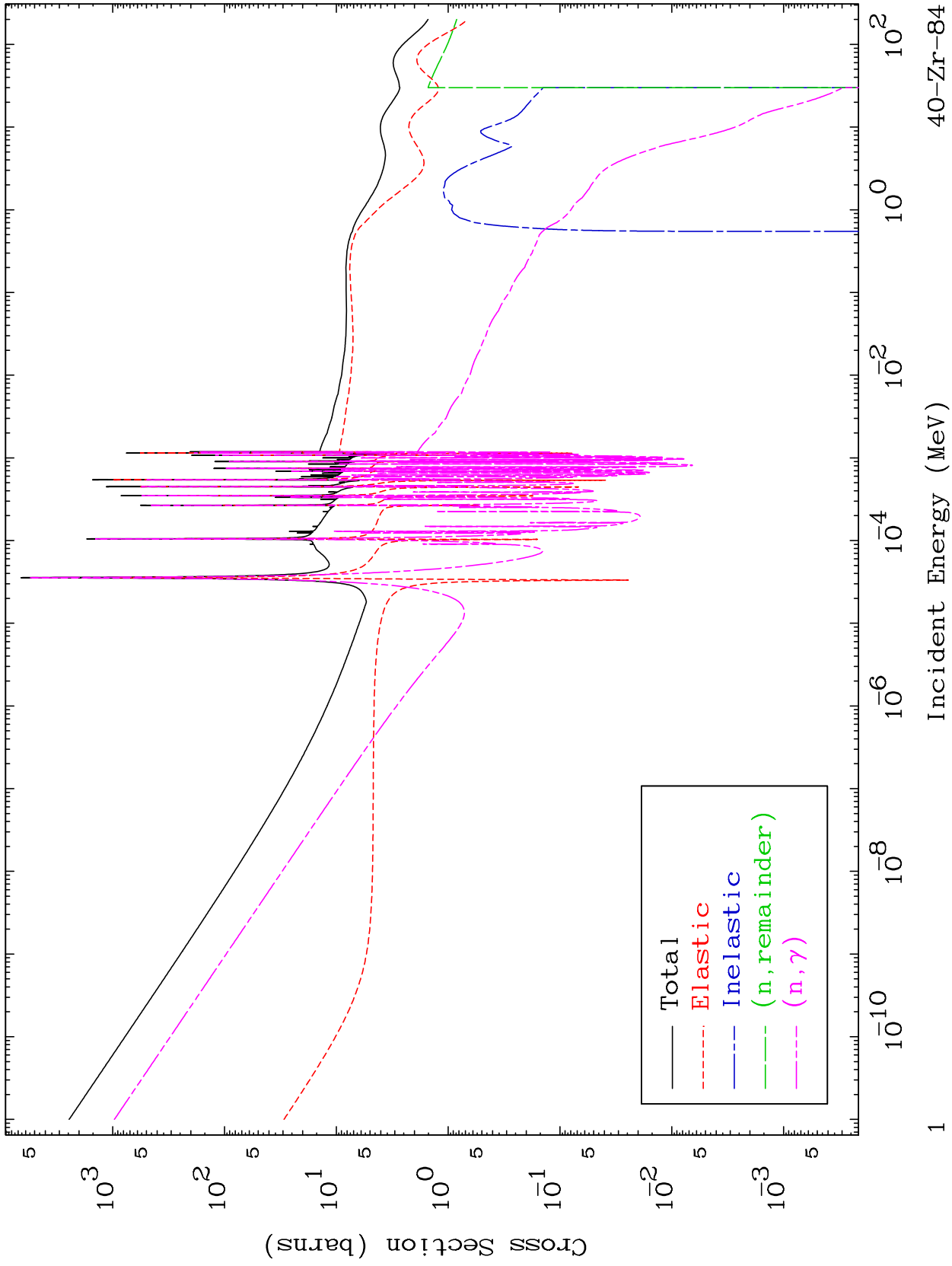
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4007

Major
293 Kelvin Cross Sections

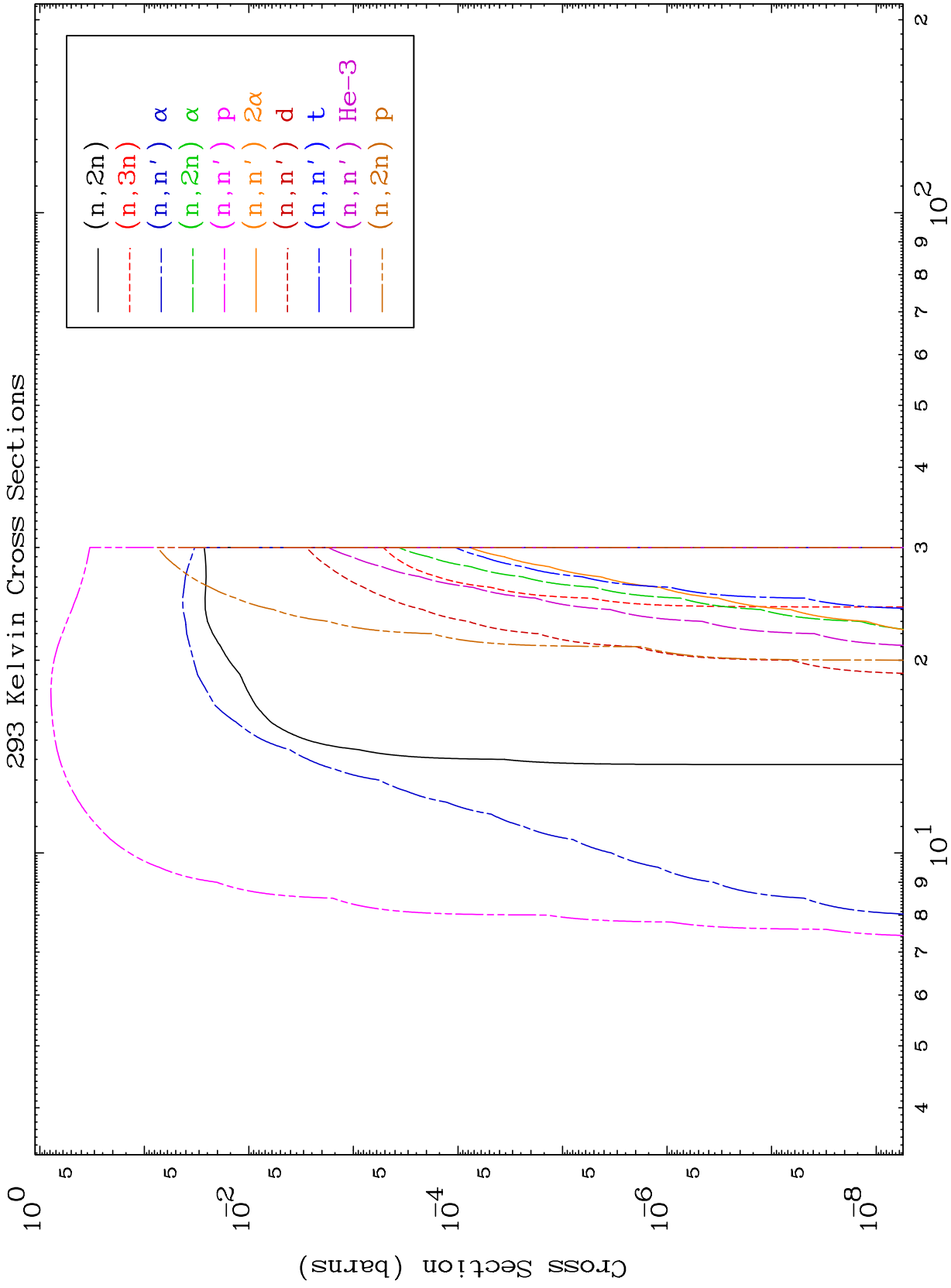
40-Zr-84



MAT 4007

Neutron Production
293 Kelvin Cross Sections

40-Zr-84



2

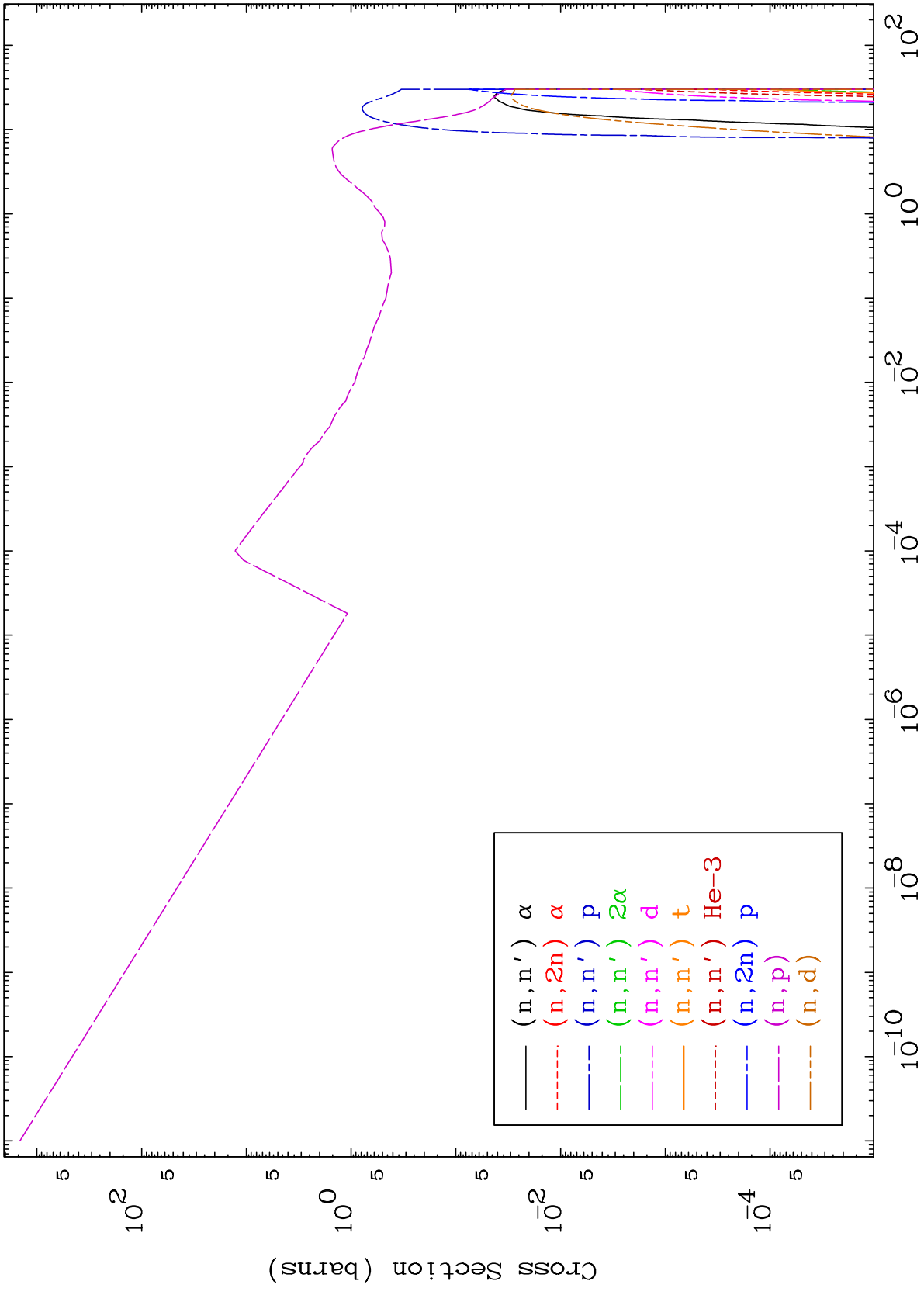
Incident Energy (MeV)

40-Zr-84

MAT 4007

293 Kelvin Cross Sections

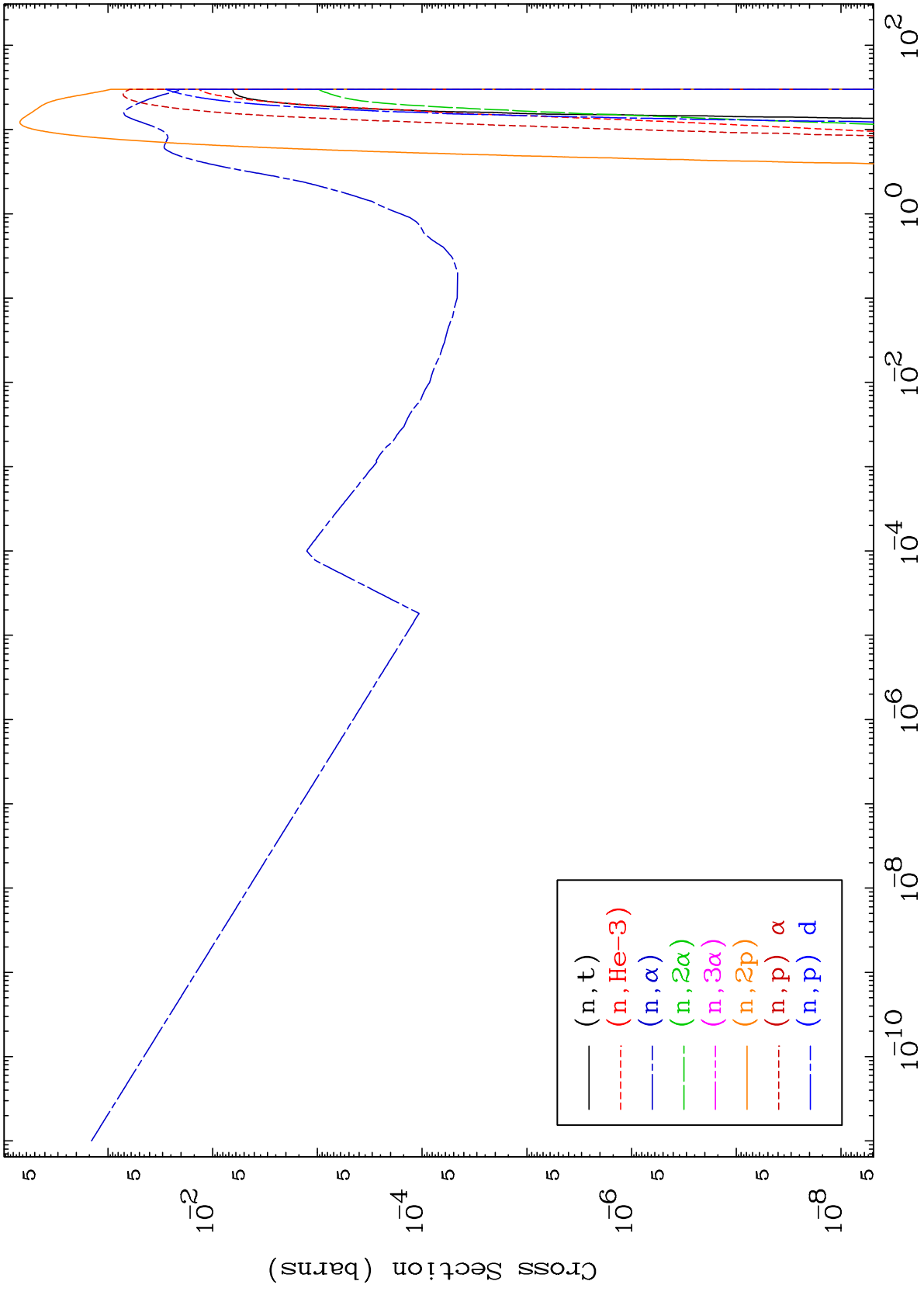
40-Zr-84



MAT 4007

293 Kelvin Cross Sections

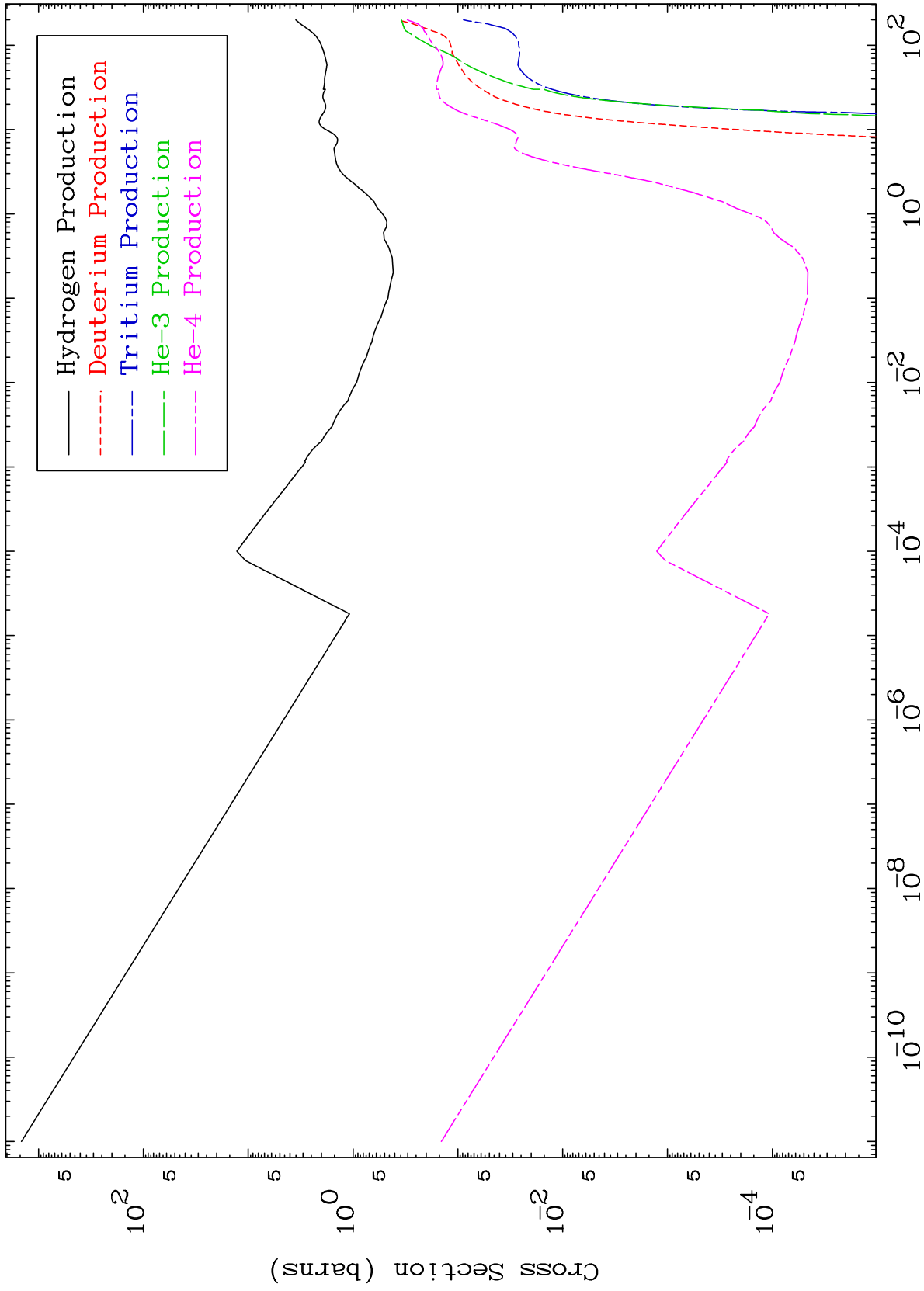
40-Zr-84



MAT 4007

Particle Production
293 Kelvin Cross Sections

40-Zr-84



5

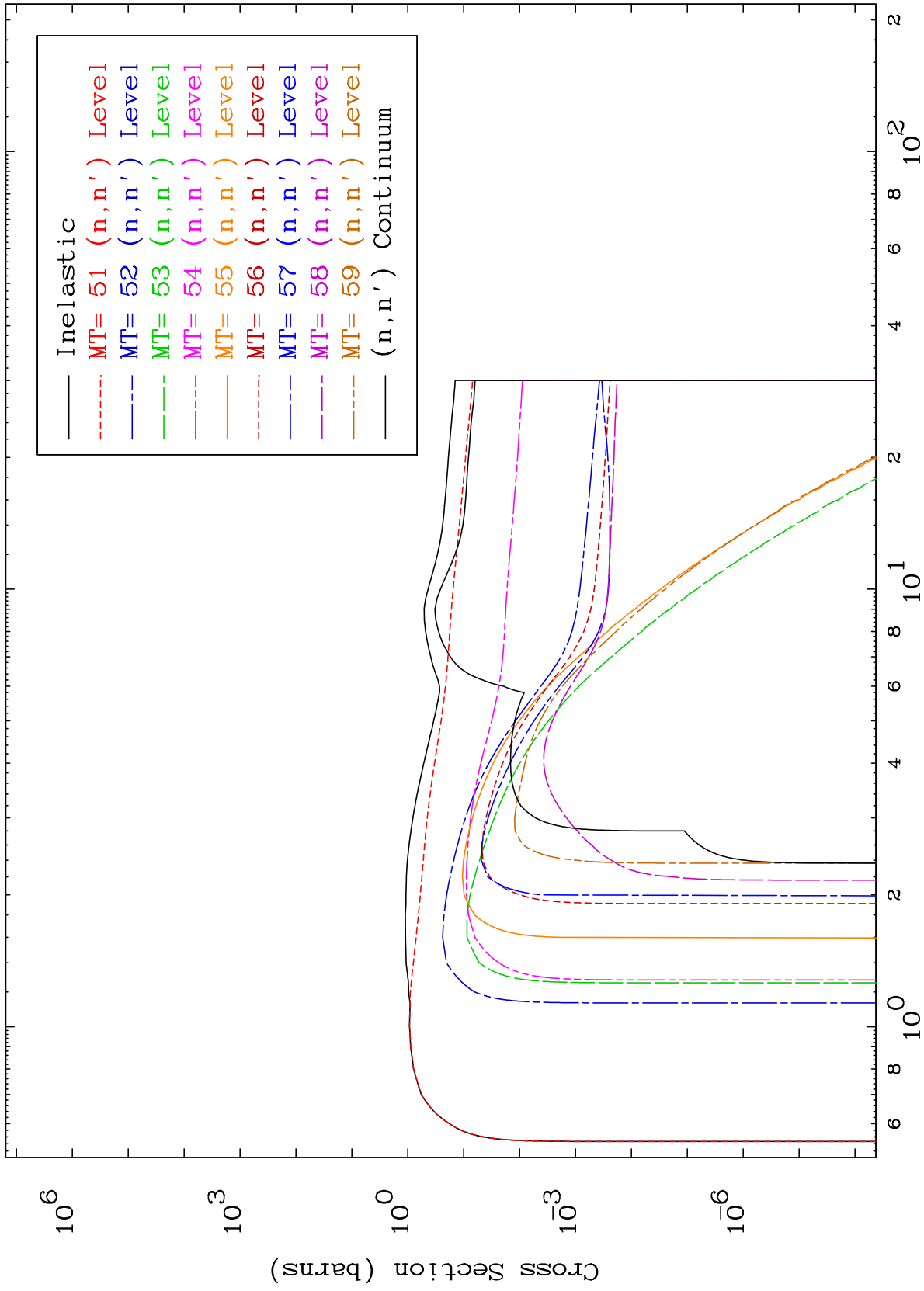
40-Zr-84

MAT 4007

(n,n') Level

40-Zr-84

293 Kelvin Cross Sections



6

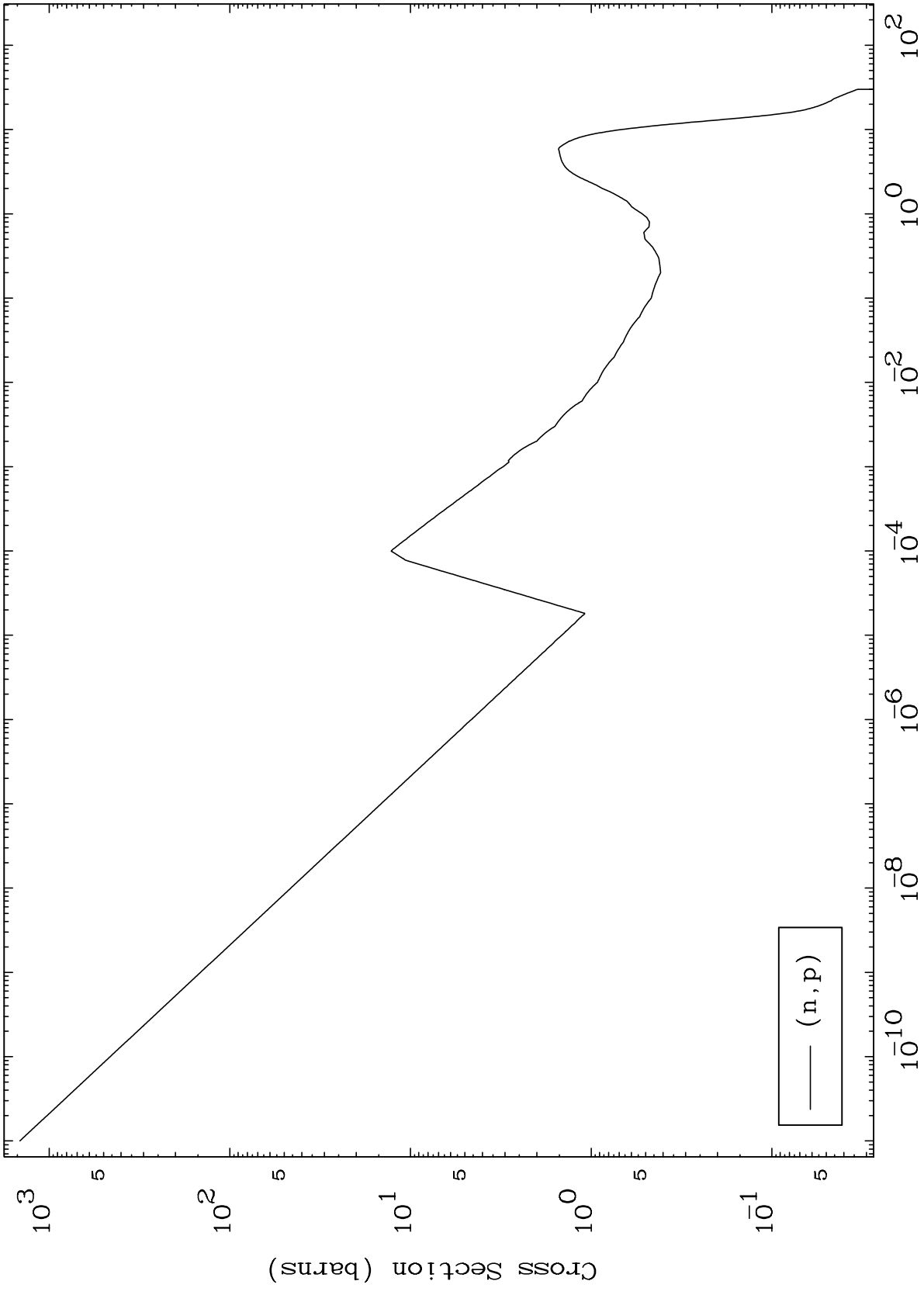
Incident Energy (MeV)

40-Zr-84

MAT 4007

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-84



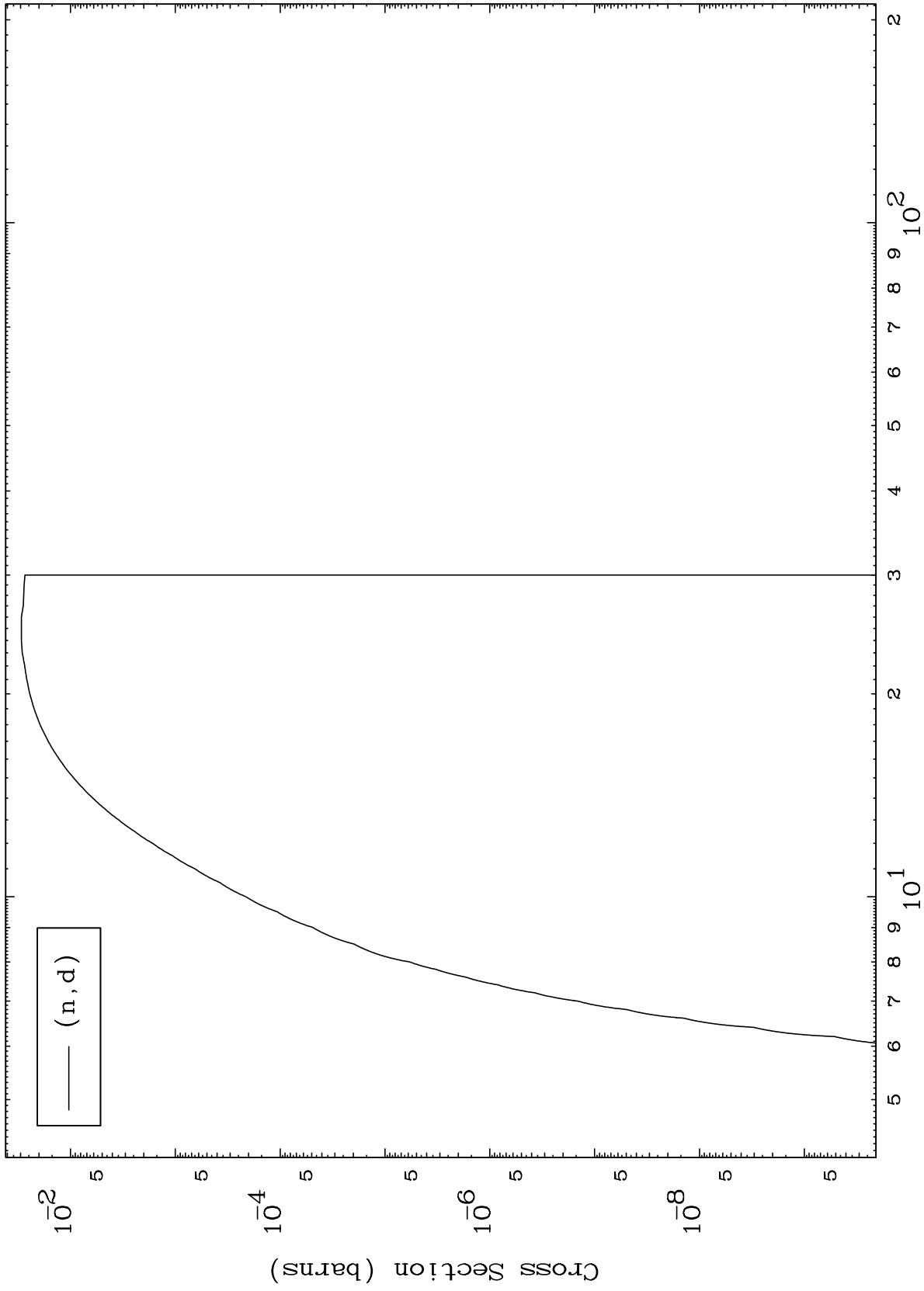
— (n, p)

40-Zr-84

MAT 4007

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-84



8

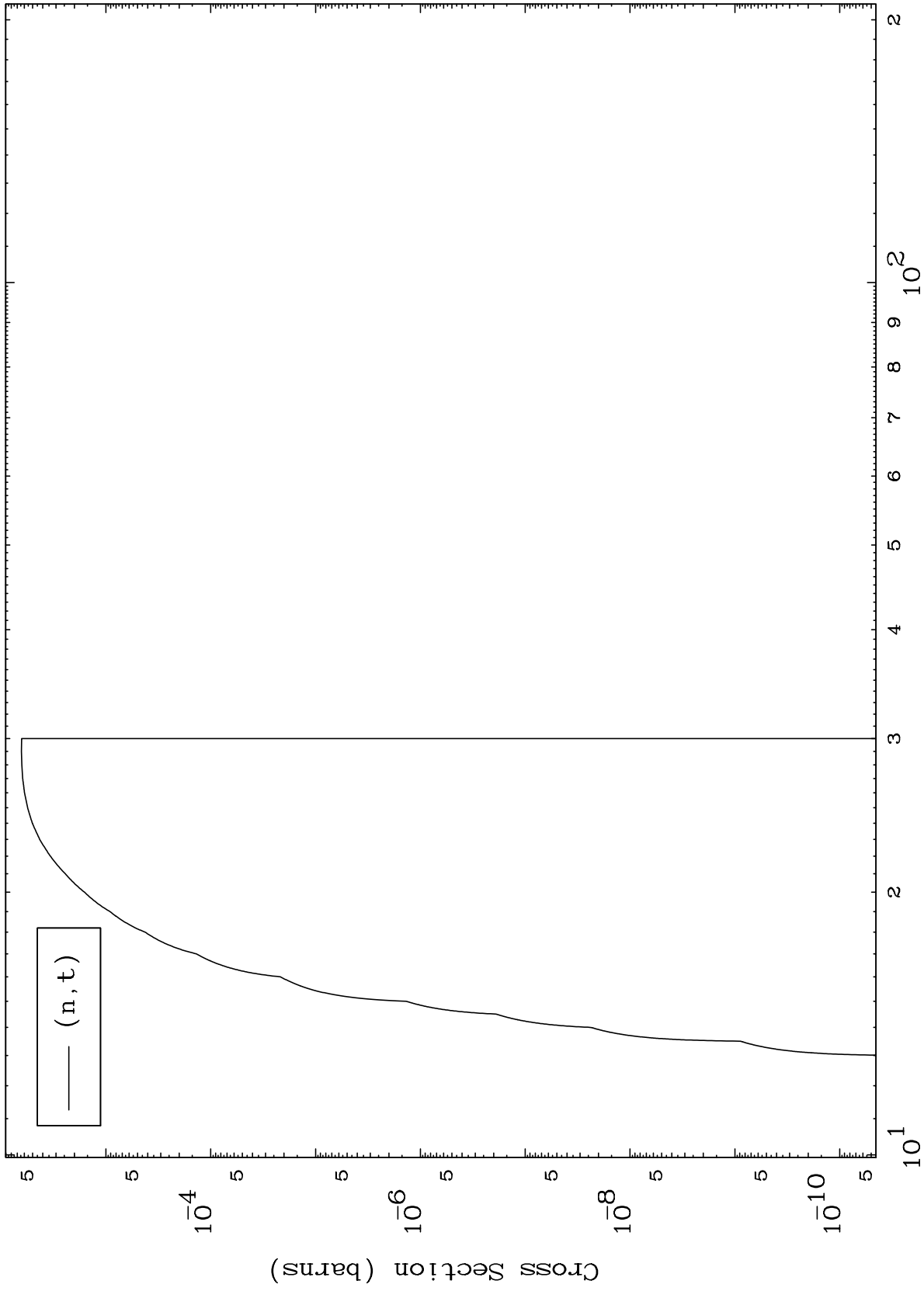
Incident Energy (MeV)

40-Zr-84

MAT 4007

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-84



9

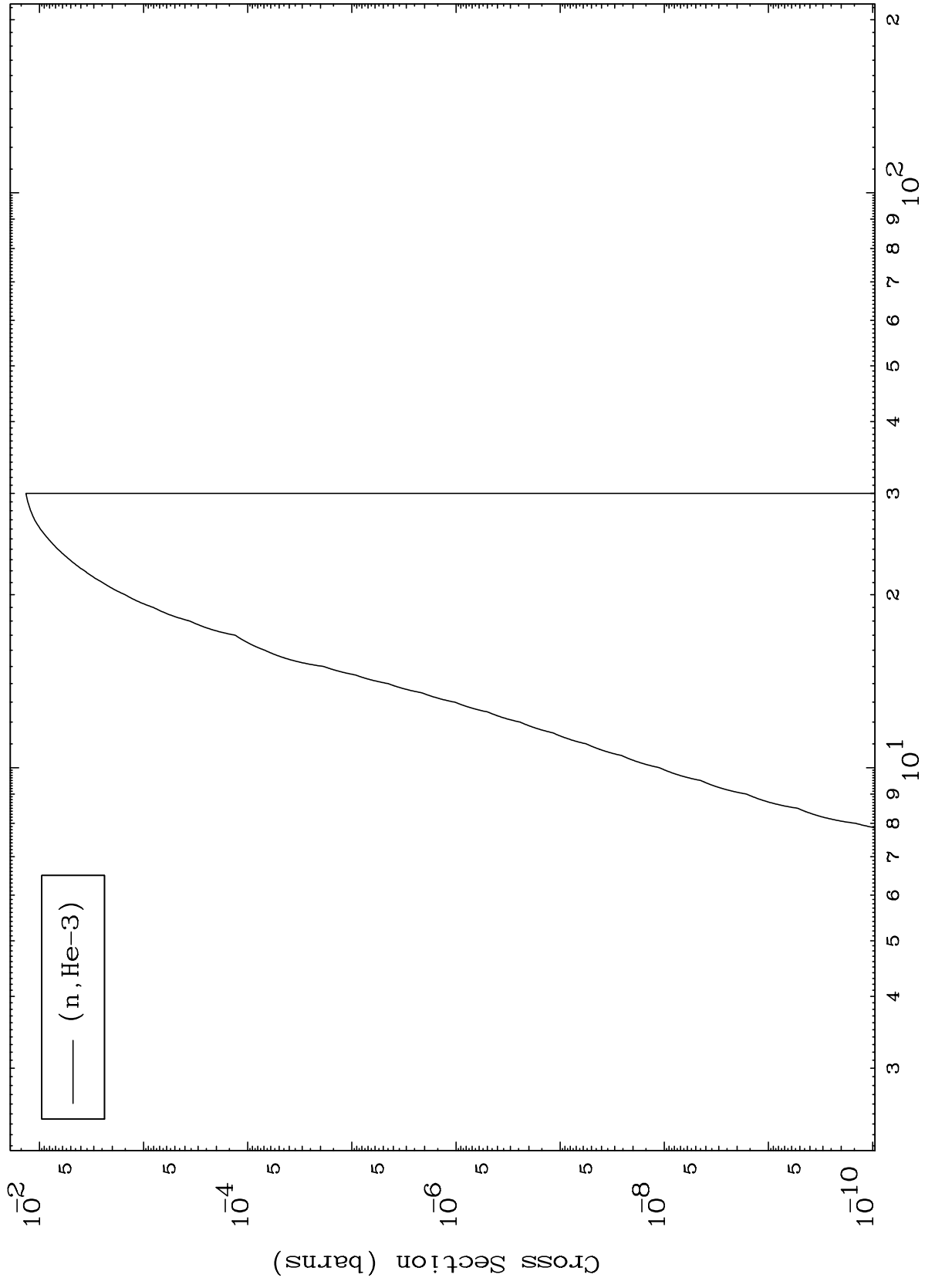
Incident Energy (MeV)

40-Zr-84

MAT 4007

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-84



10

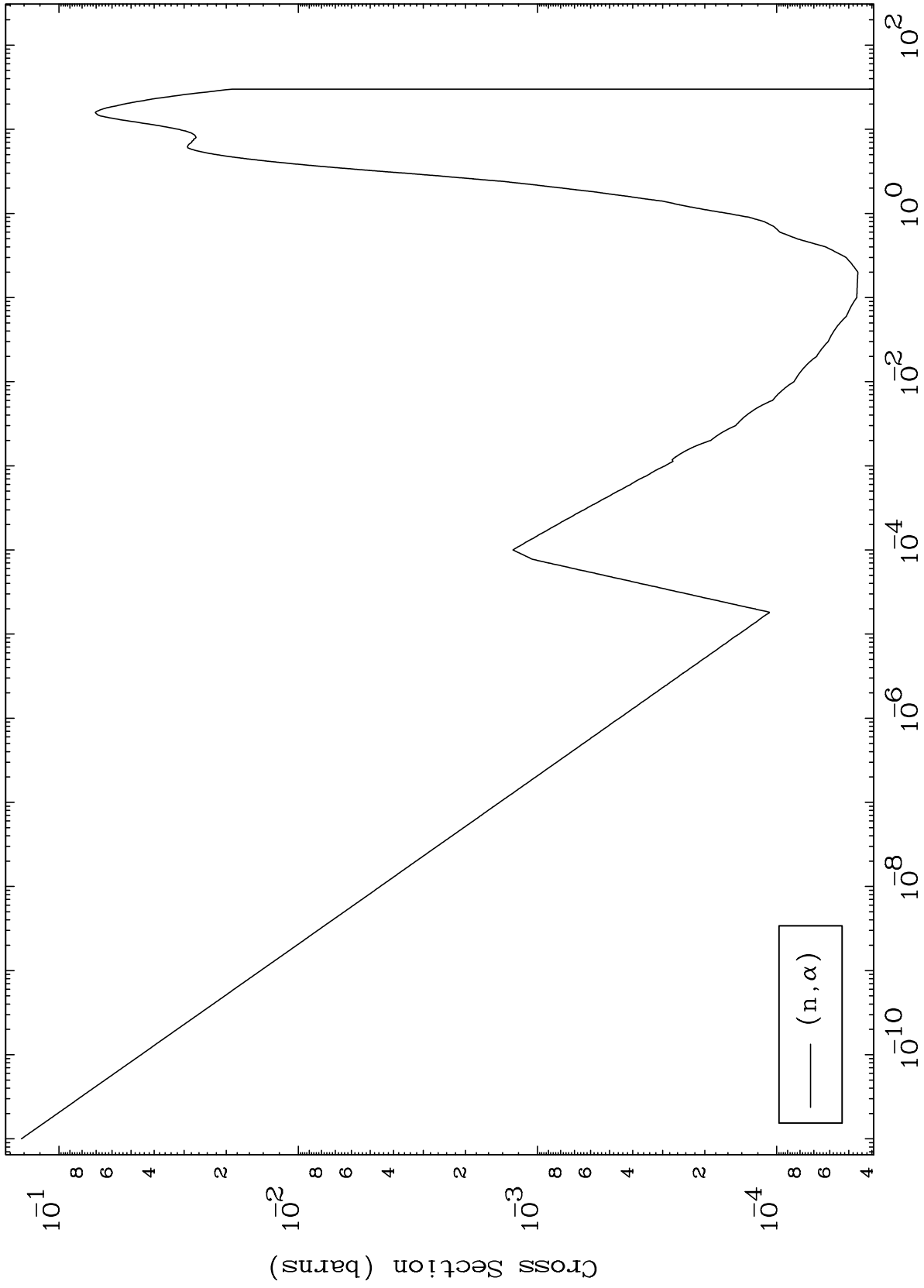
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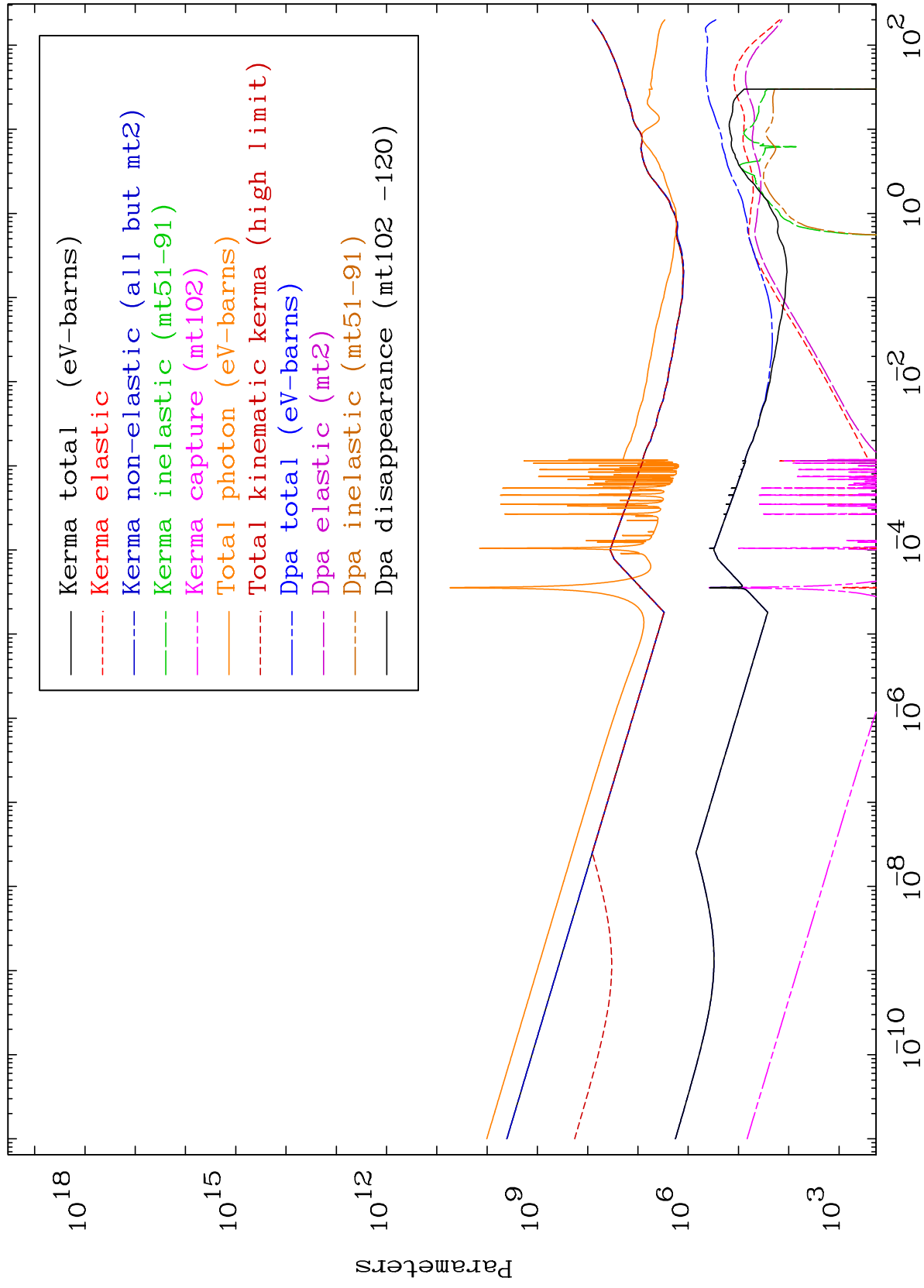
40-Zr-84

MAT 4007

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-84

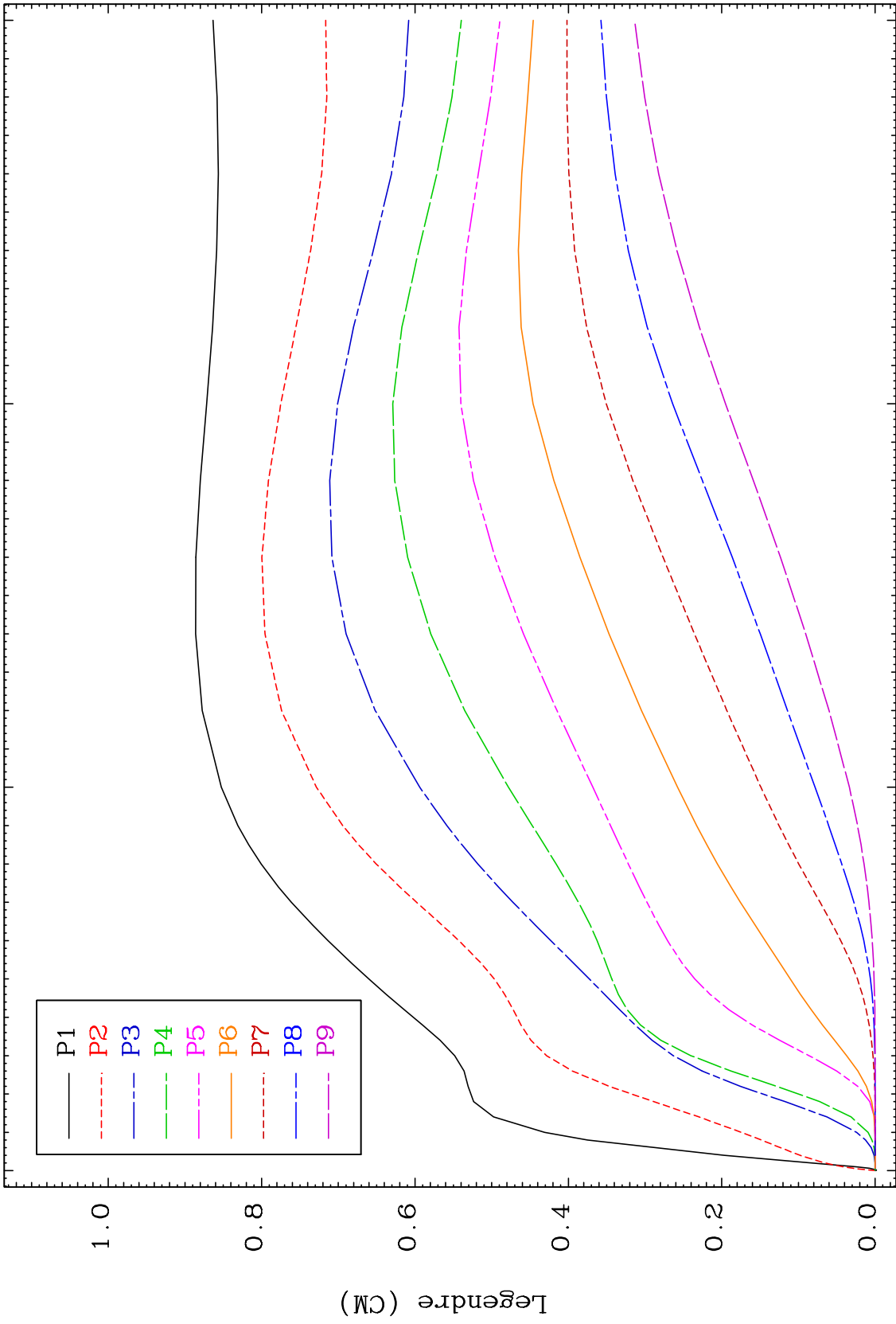




MAT 4007

Elastic Legendre Coefficients

40-Zr-84



13

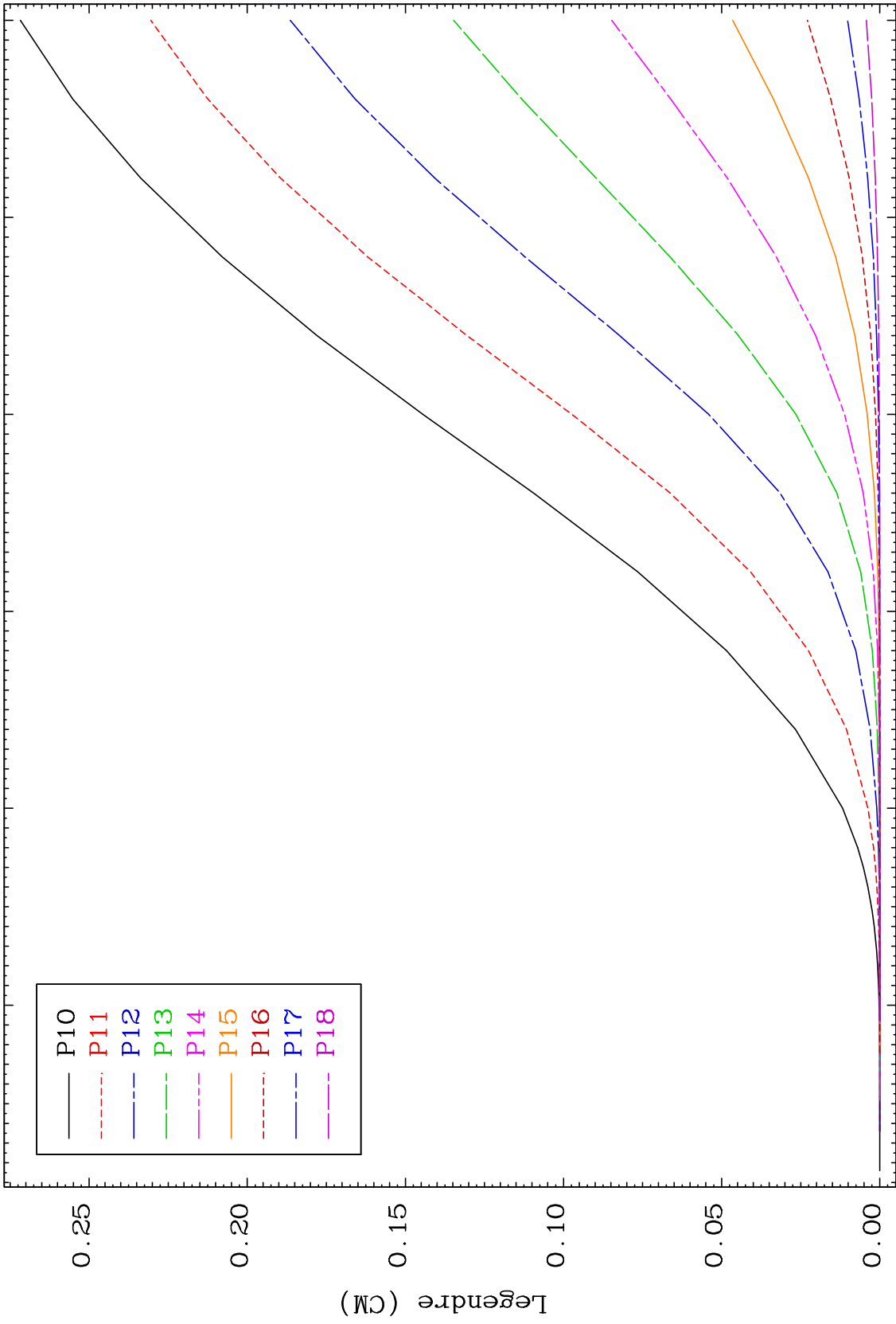
Incident Energy (MeV)

40-Zr-84

MAT 4007

Elastic Legendre Coefficients

40-Zr-84



14

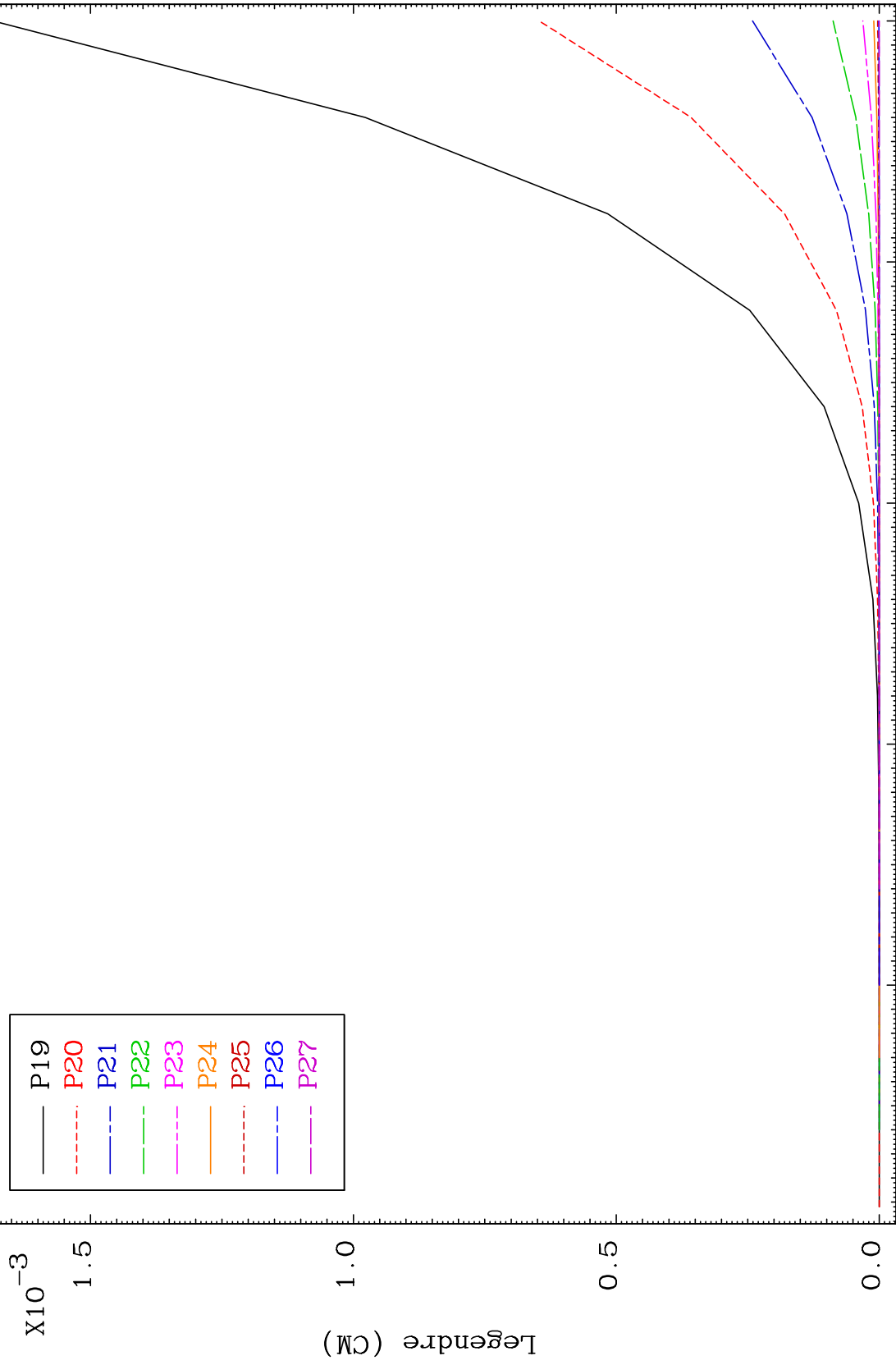
Incident Energy (MeV)

40-Zr-84

MAT 4007

Elastic Legendre Coefficients

40-Zr-84

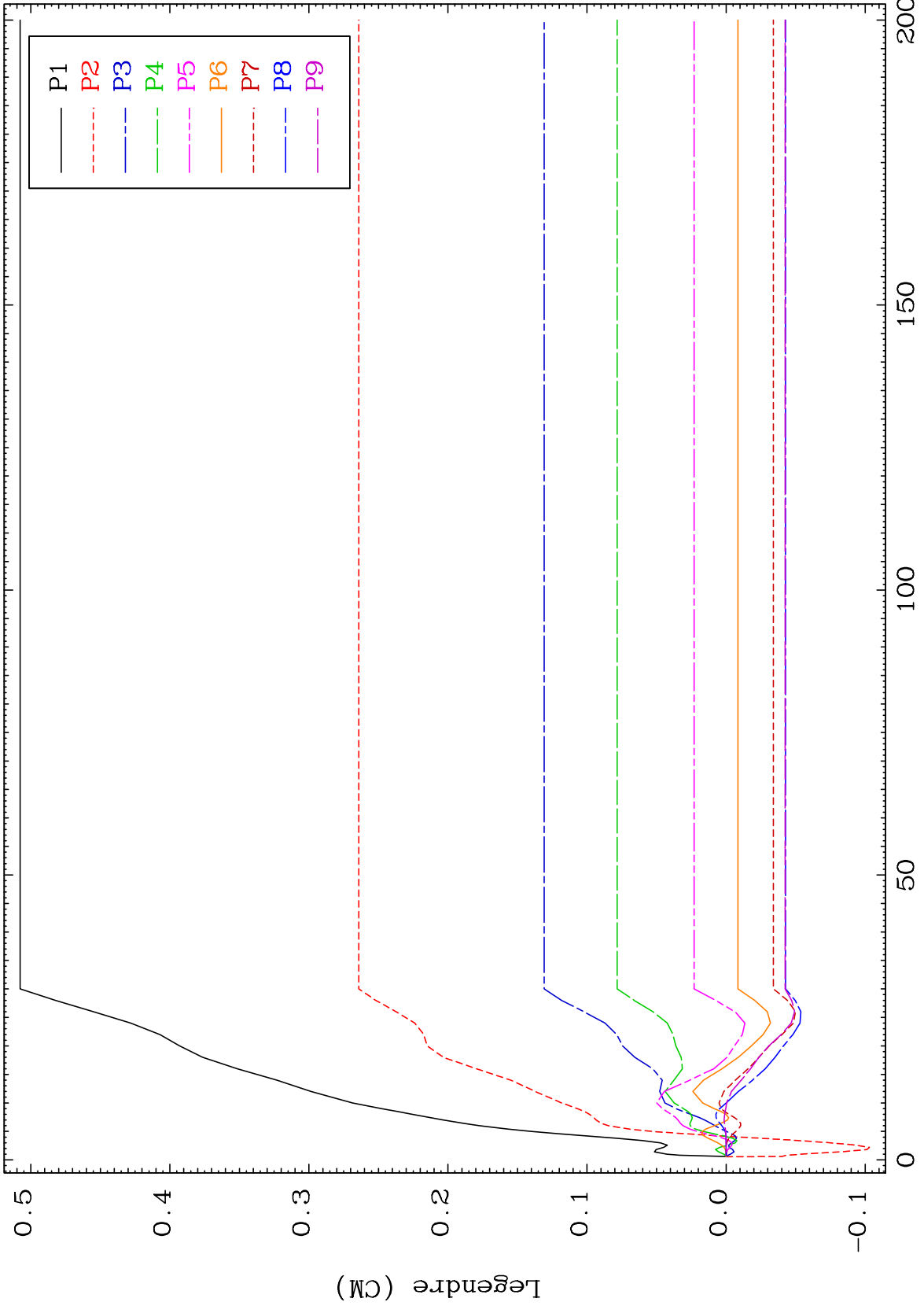


15

Incident Energy (MeV)

40-Zr-84

MAT 4007 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-84

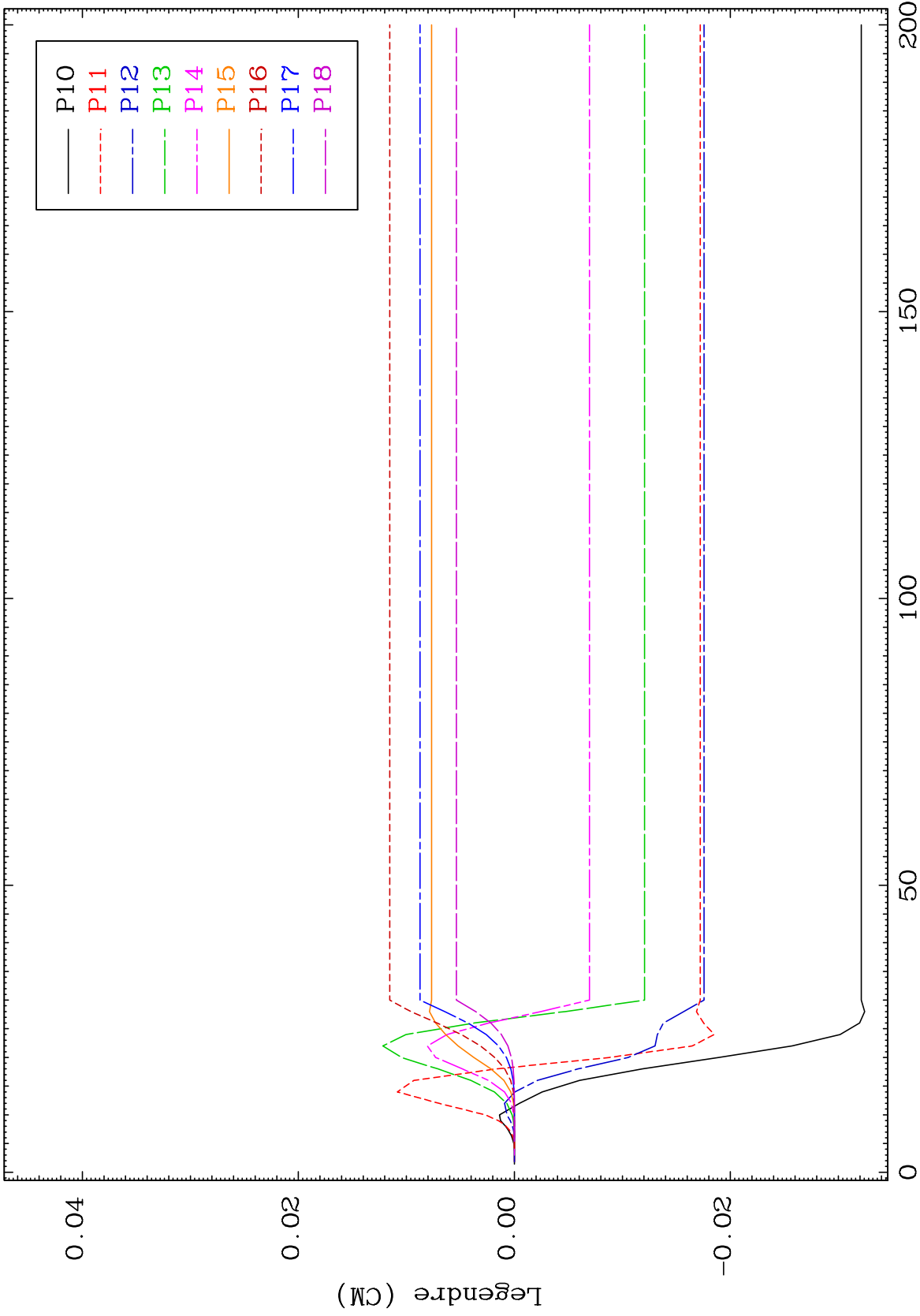


17 Incident Energy (MeV) 40-Zr-84

MAT 4007

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

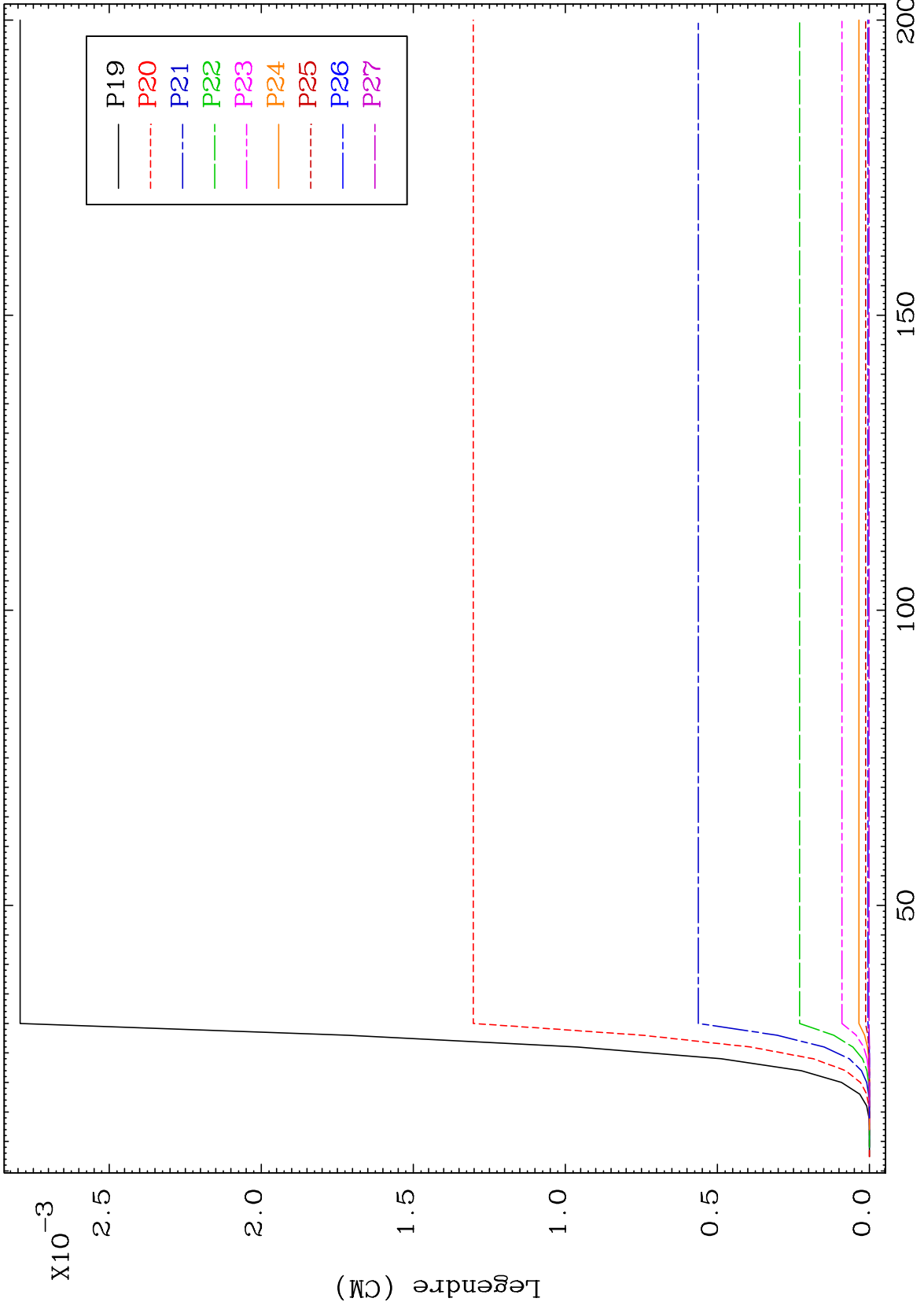
40-Zr-84



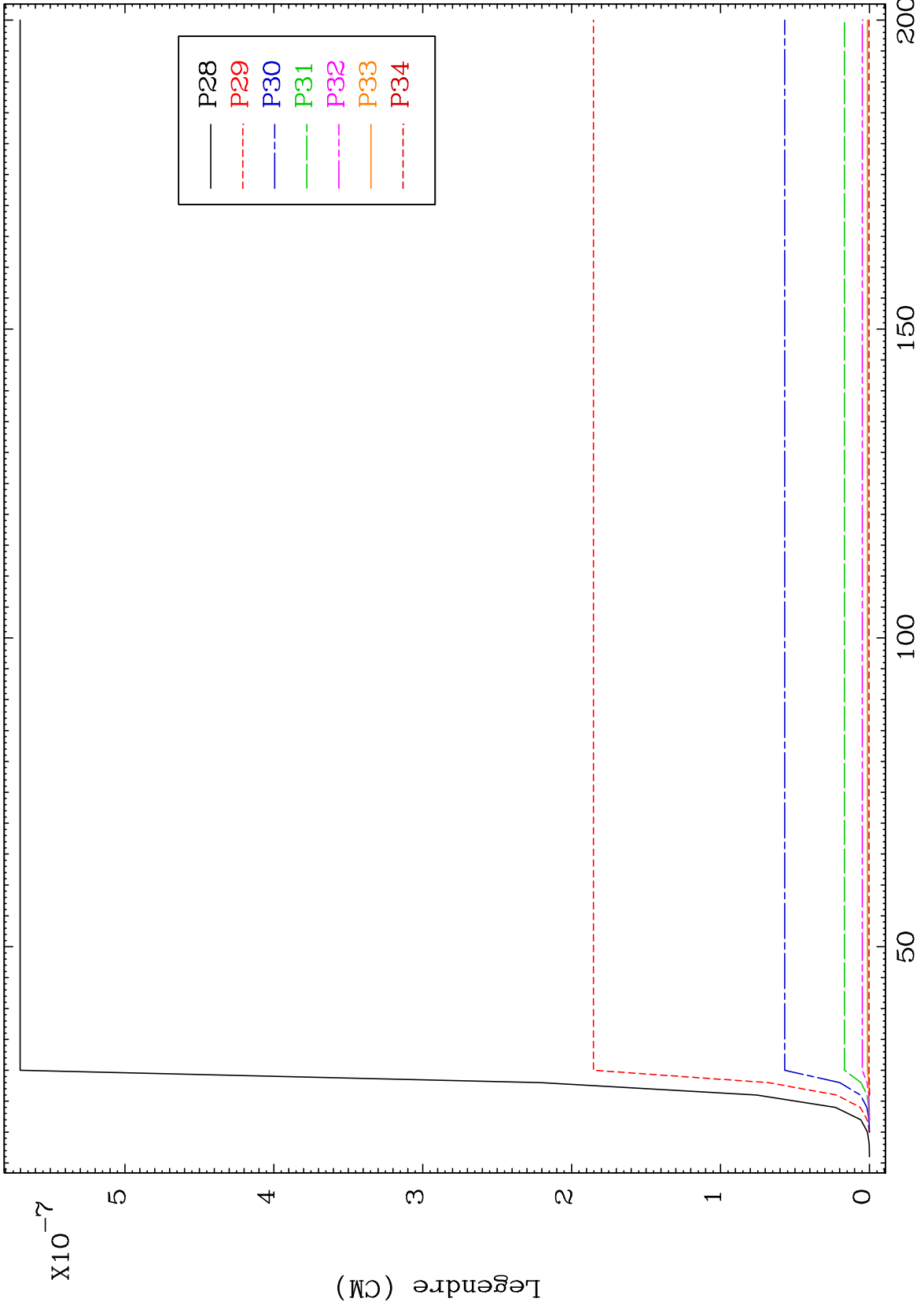
18

Incident Energy (MeV)

40-Zr-84

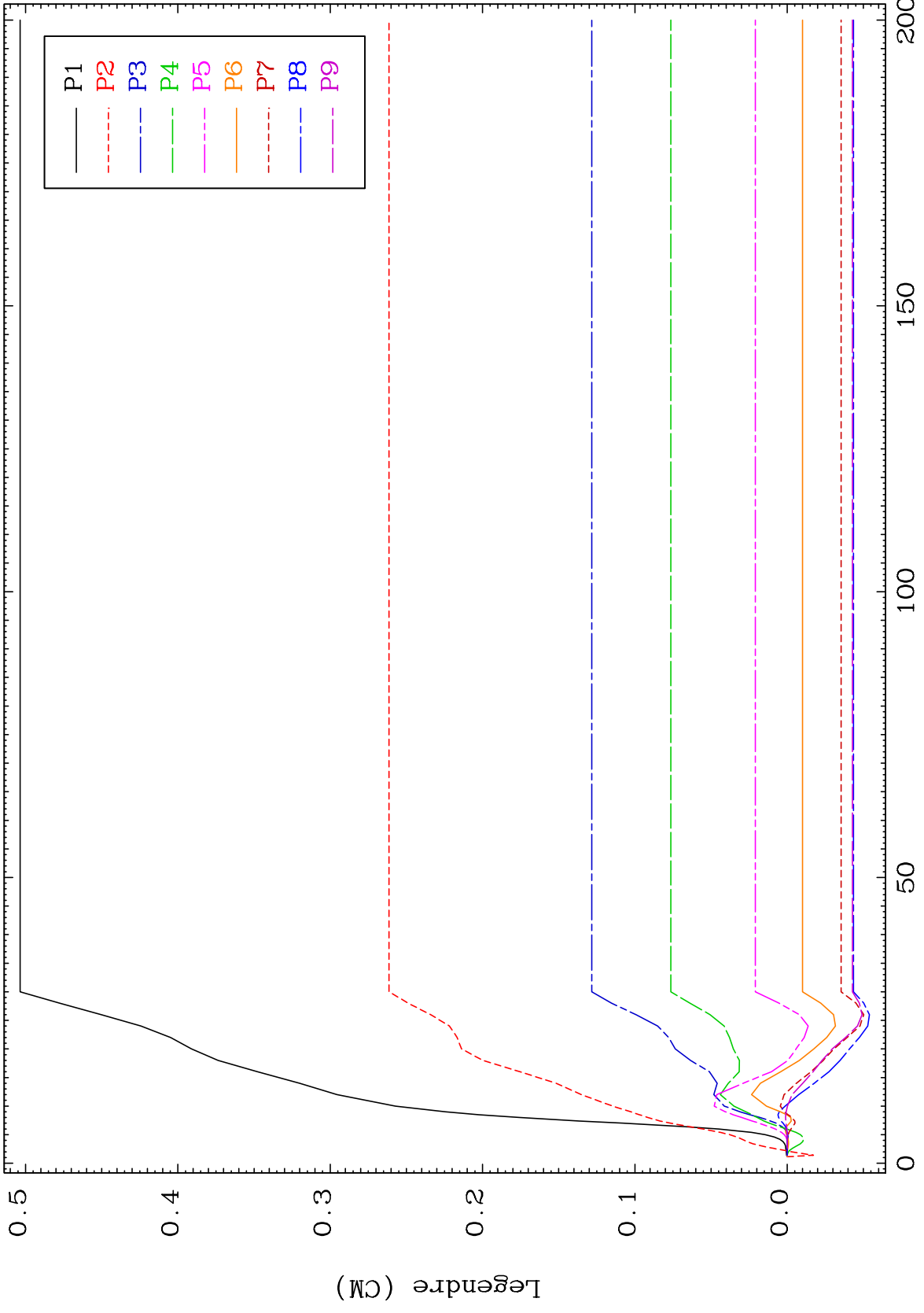


MAT 4007 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-84



Legendre (CM) X10⁻⁷ Incident Energy (MeV) 40-Zr-84

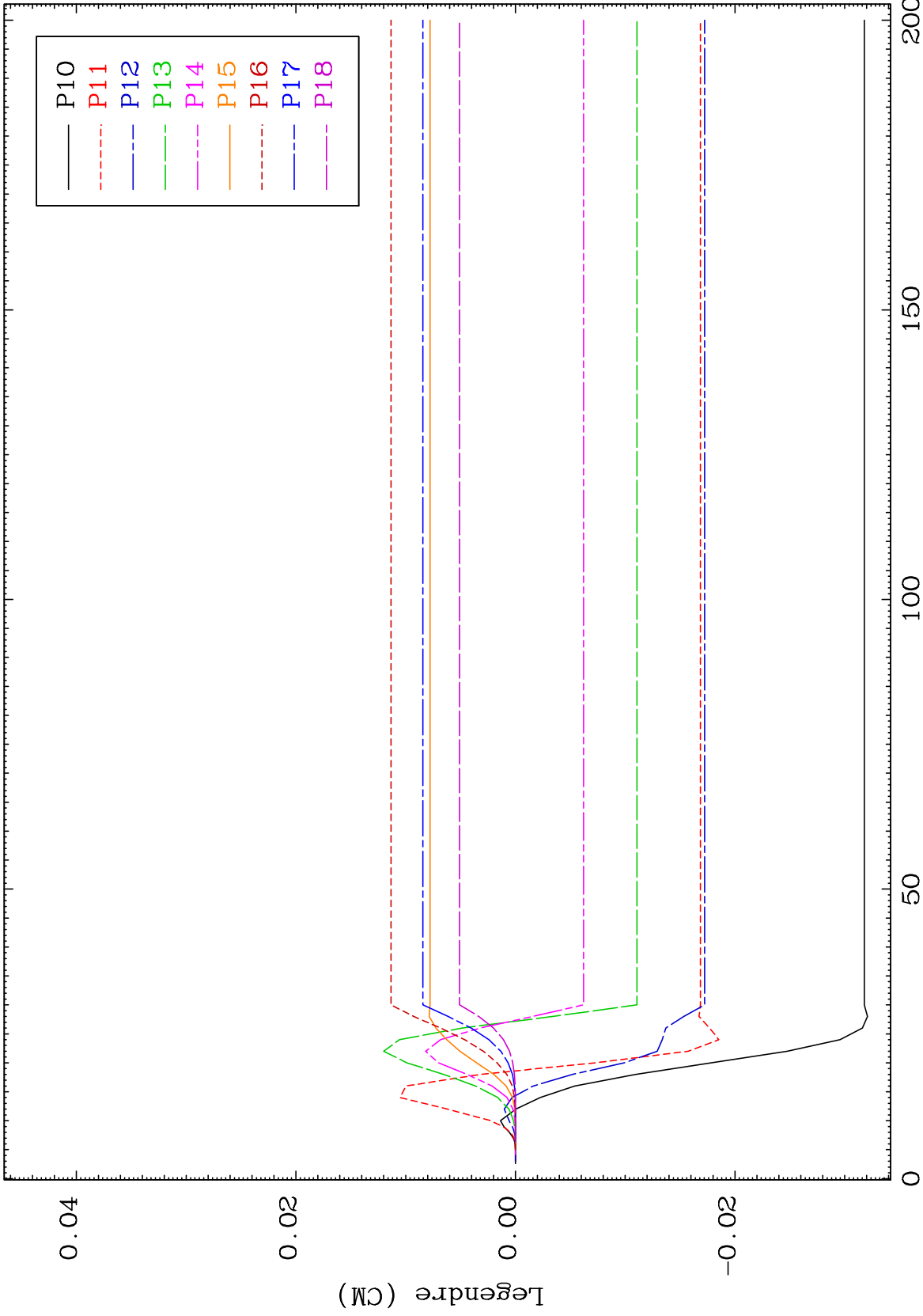
MAT 4007 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-84



MAT 4007

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

40-Zr-84

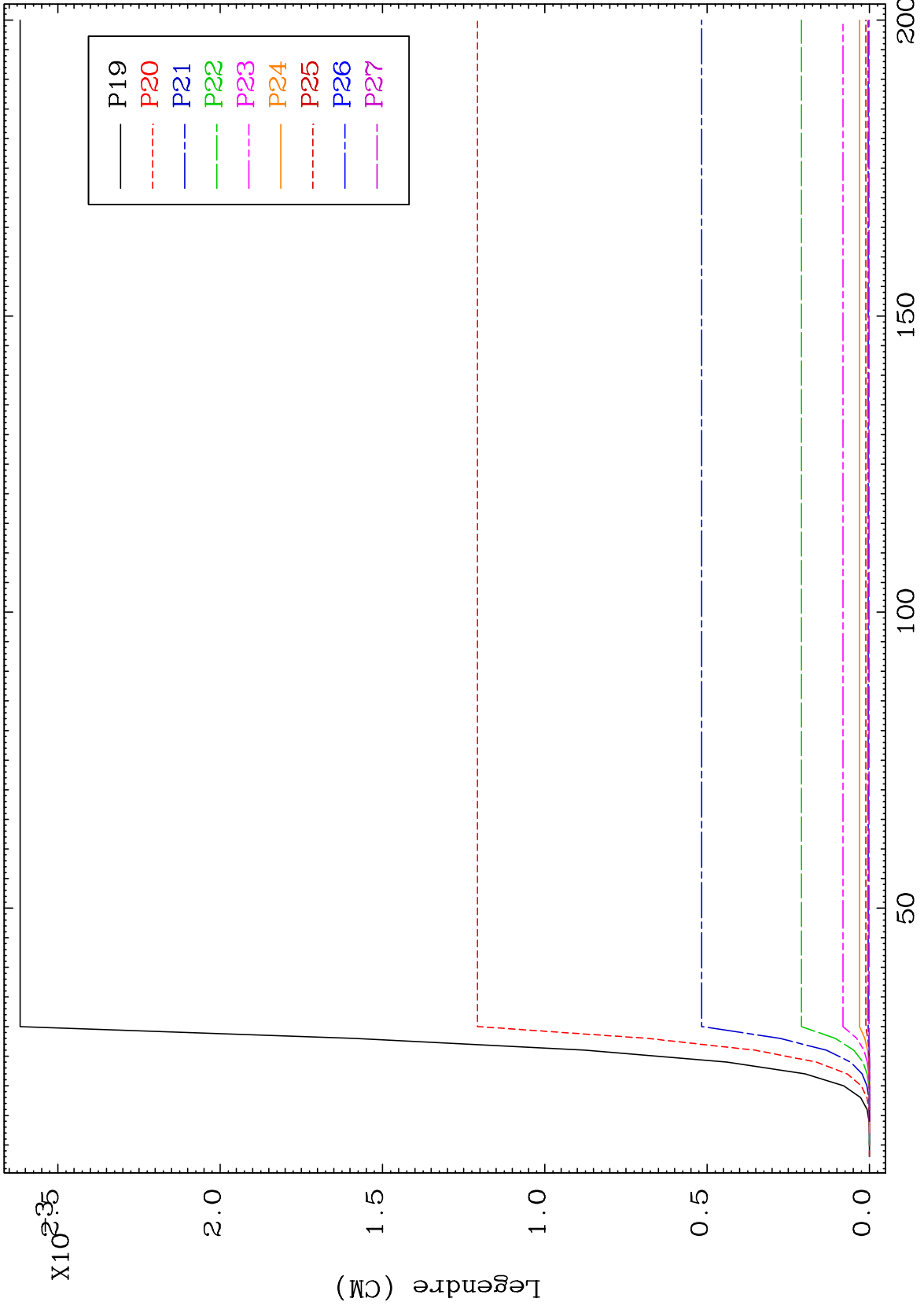


22

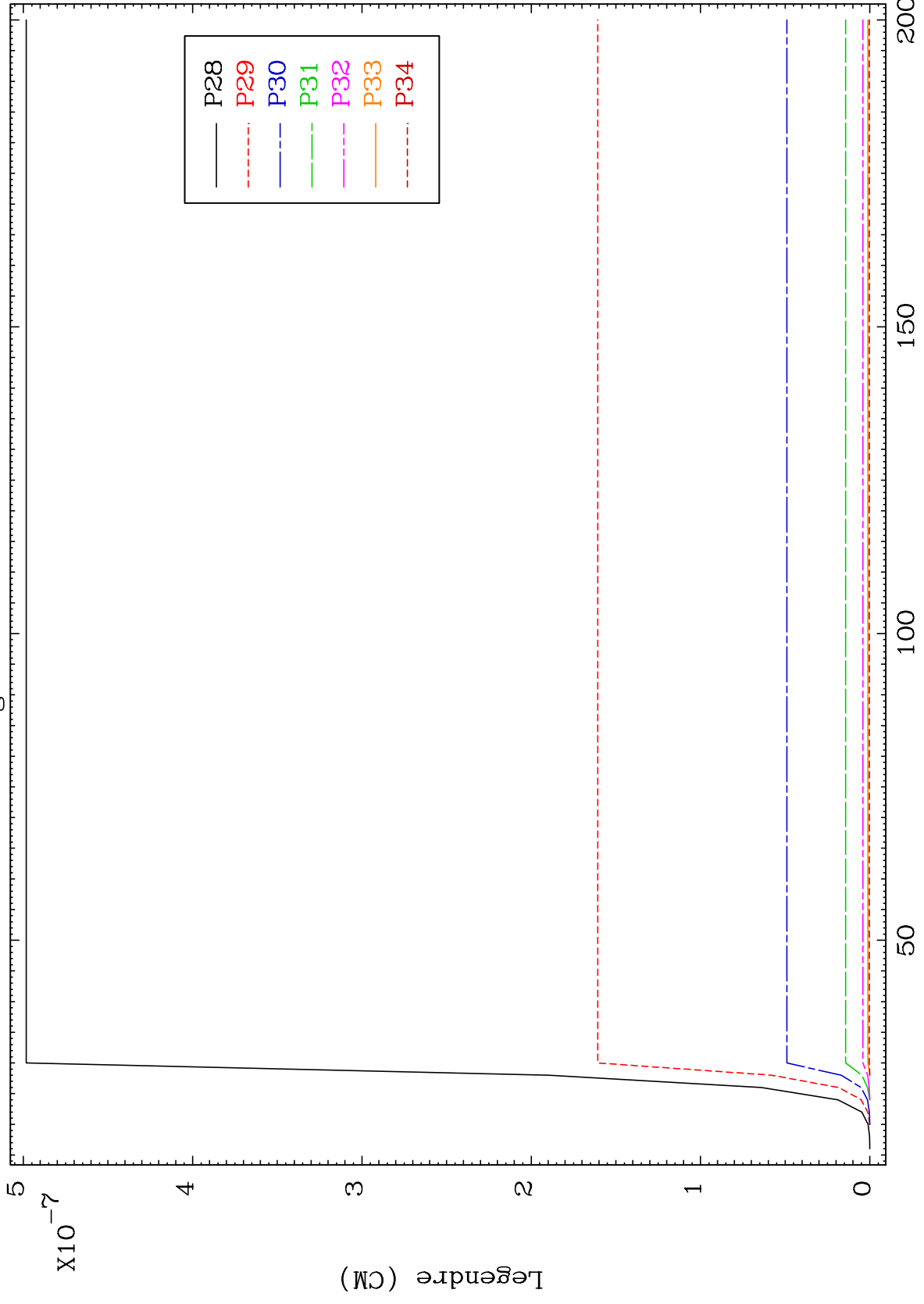
Incident Energy (MeV)

40-Zr-84

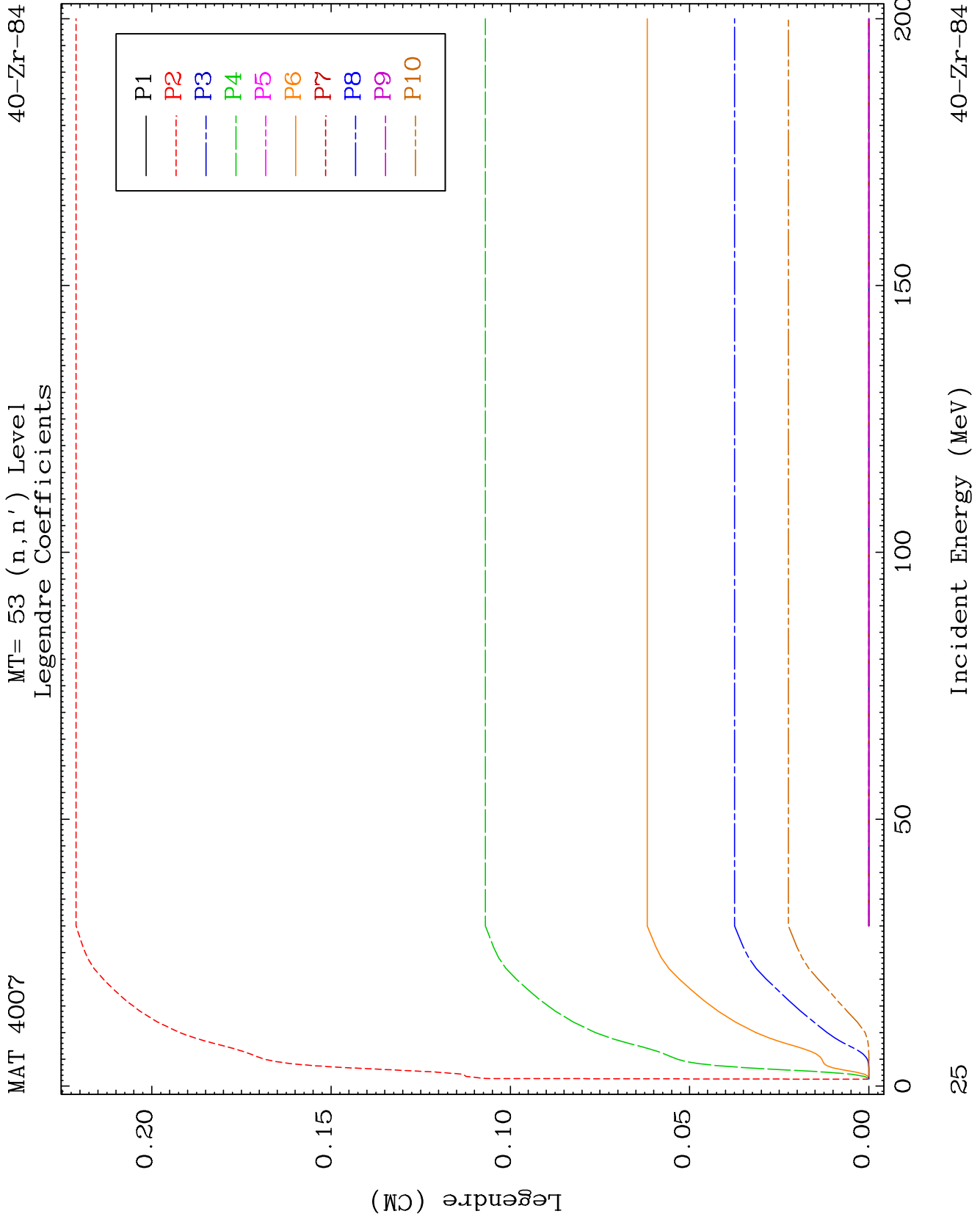
MAT 4007 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-84



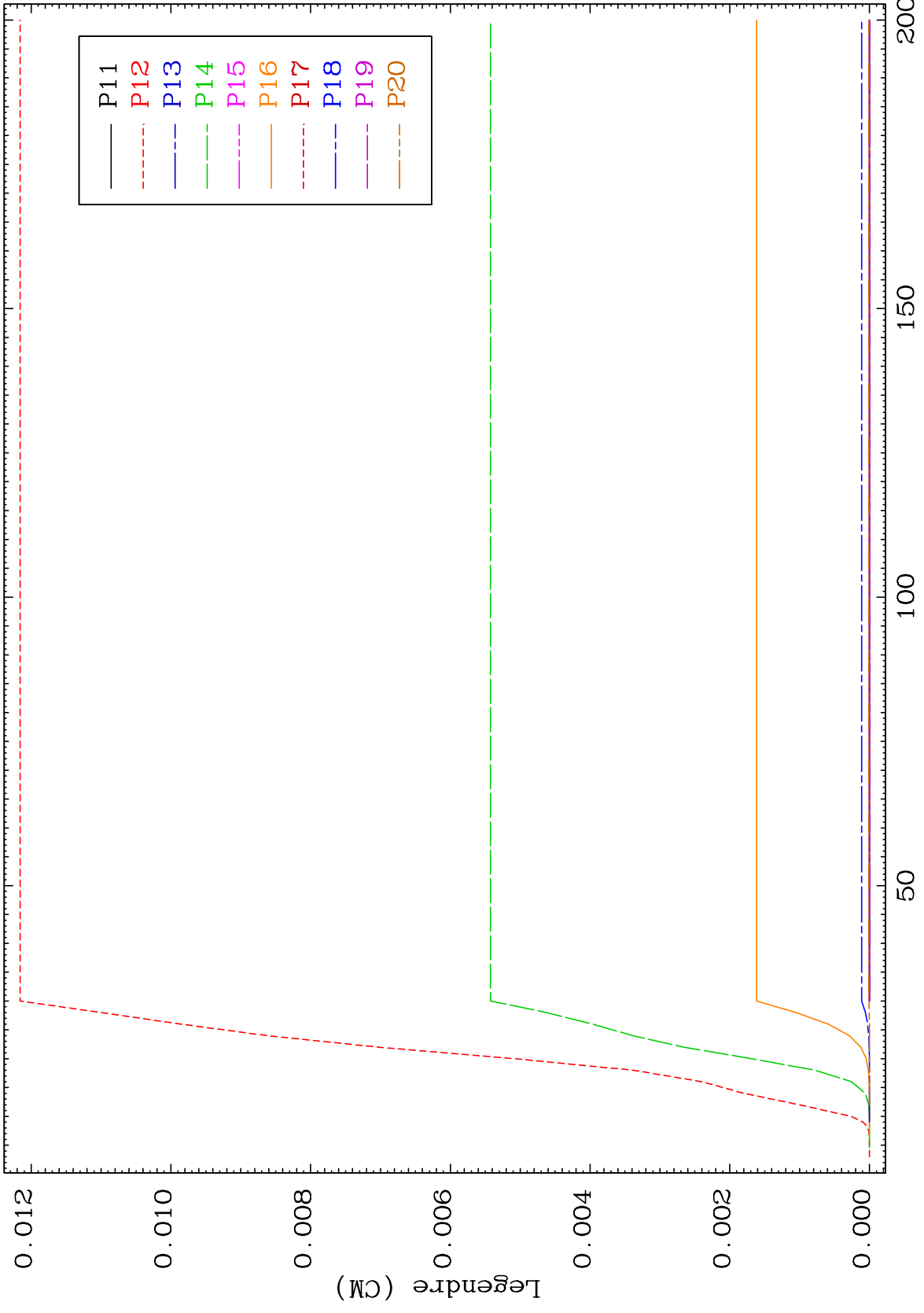
MAT 4007 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-84



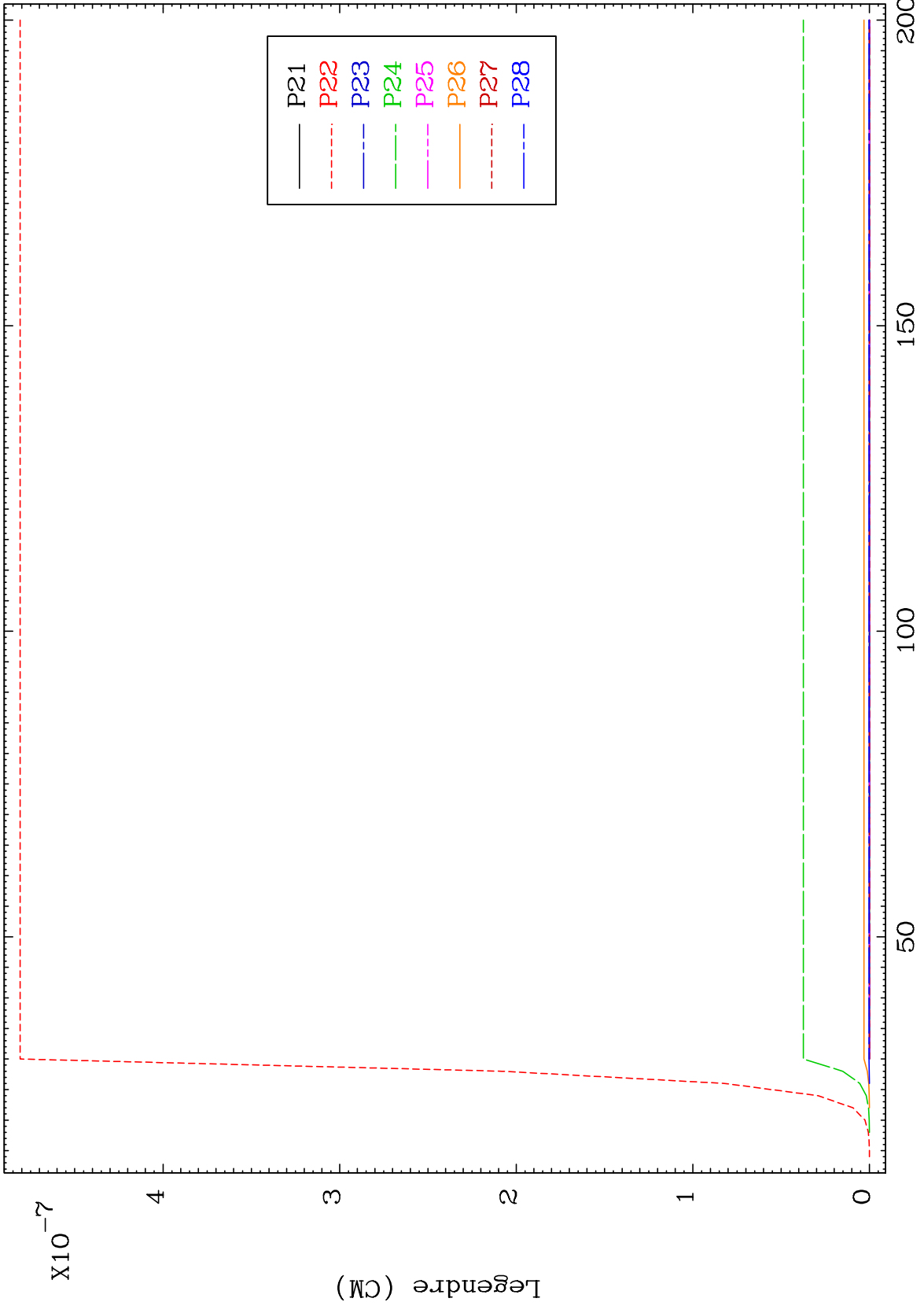
24 Incident Energy (MeV) 40-Zr-84



MAT 4007 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-84

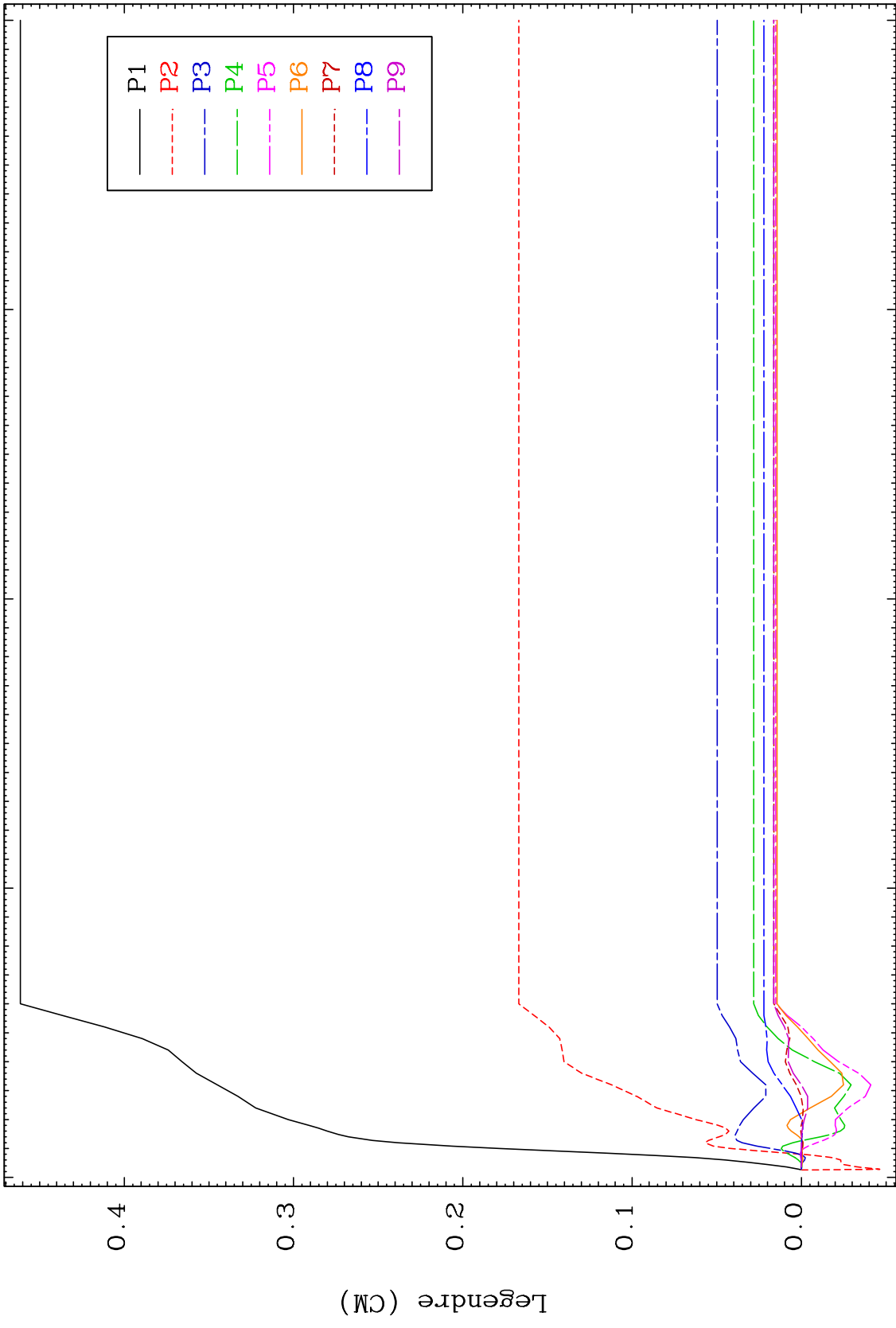


MAT 4007 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-84



27 Incident Energy (MeV) 40-Zr-84

MAT 4007 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-84

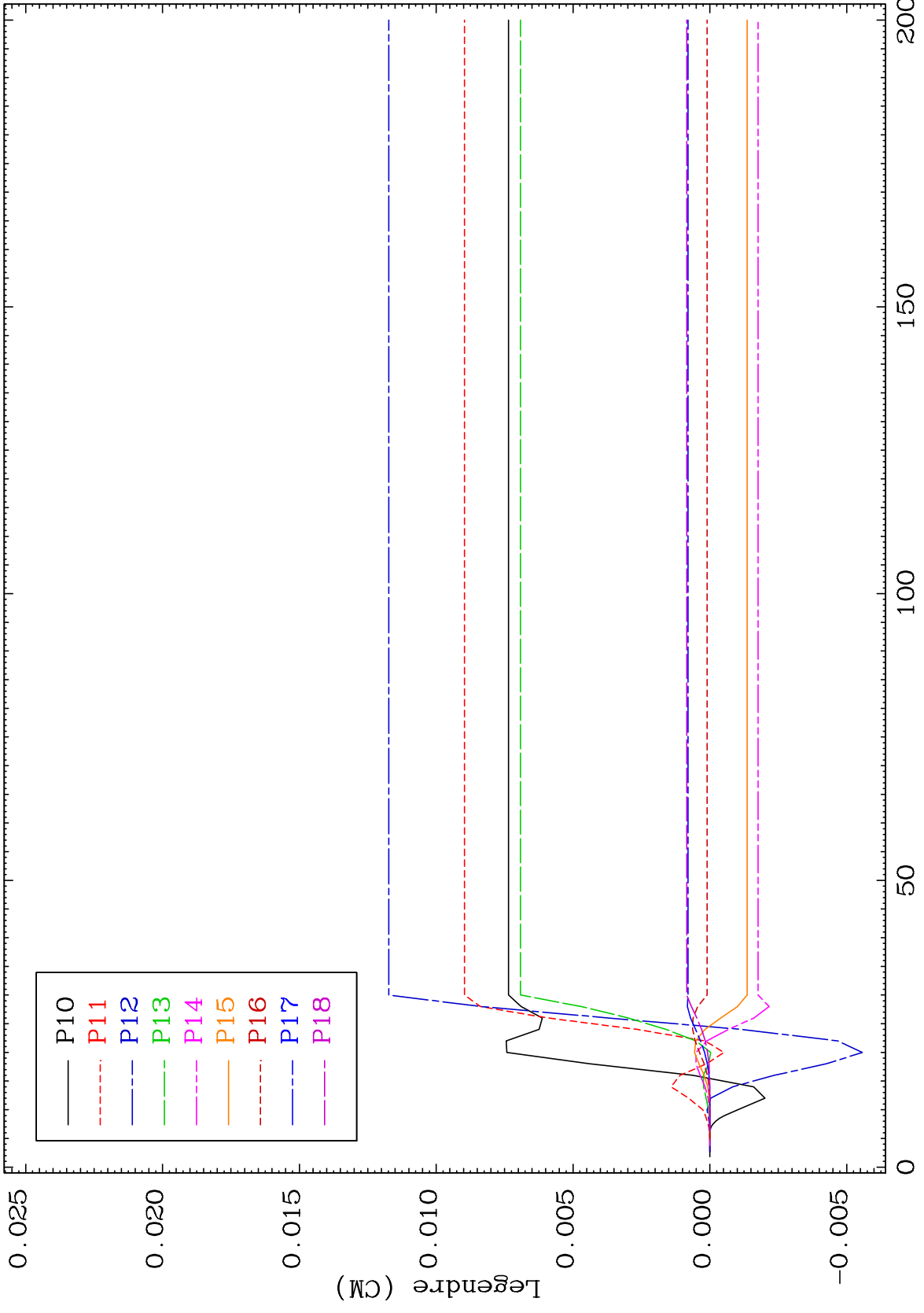


Legendre (CM) Incident Energy (MeV) 28 40-Zr-84

MAT 4007

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

40-Zr-84



29

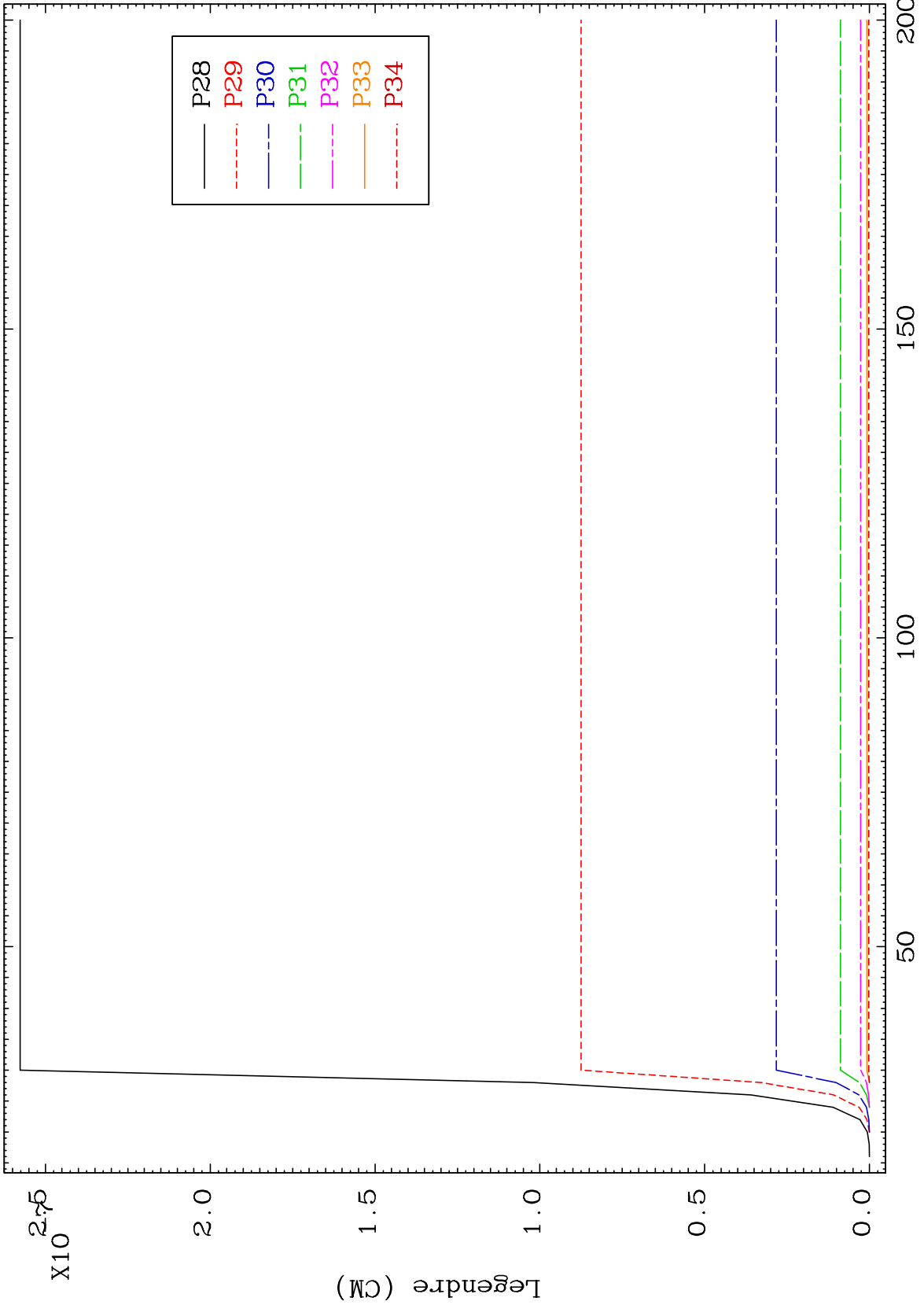
Incident Energy (MeV)

40-Zr-84

MAT 4007

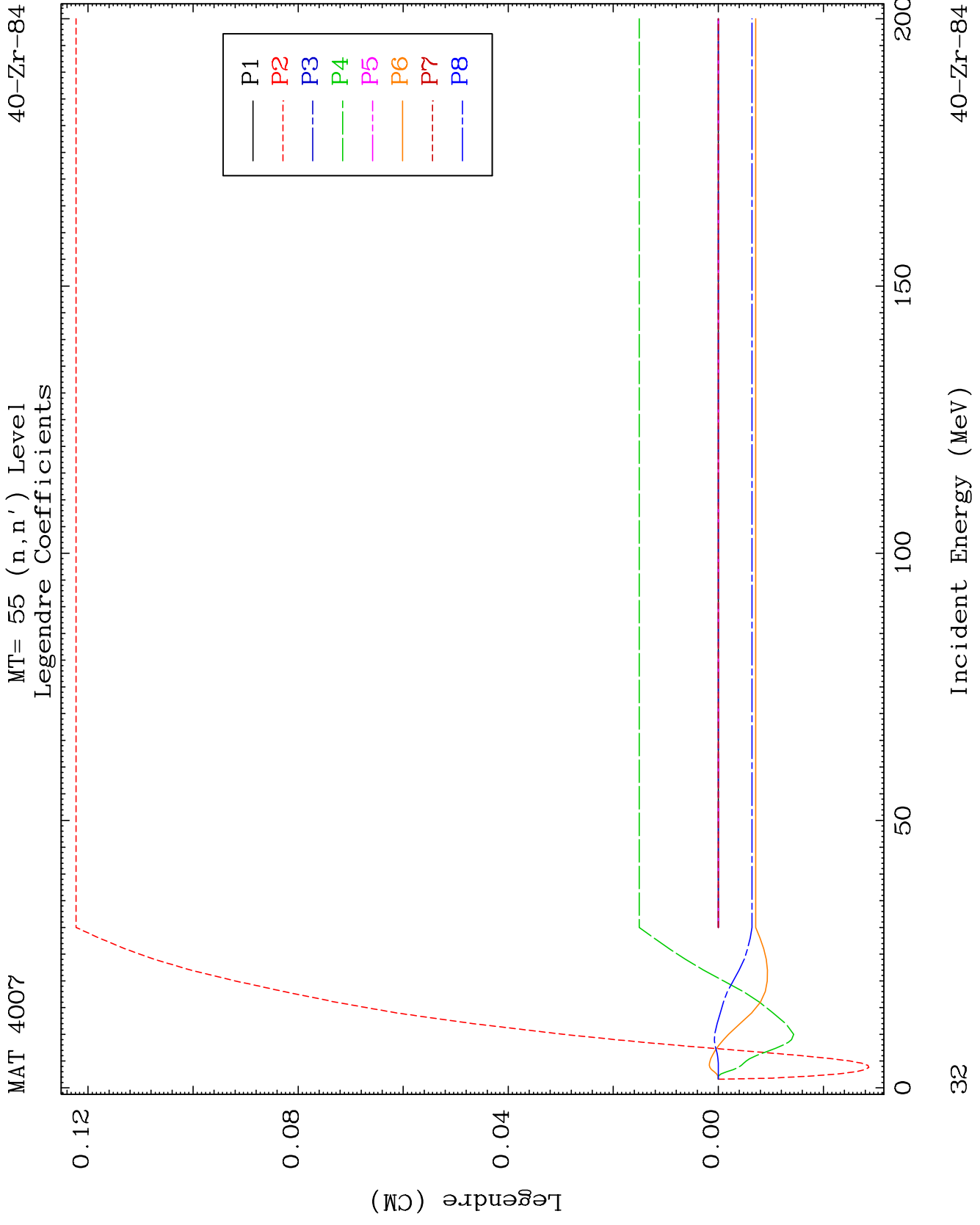
MT= 54 (n,n') Level
Legendre Coefficients

40-Zr-84

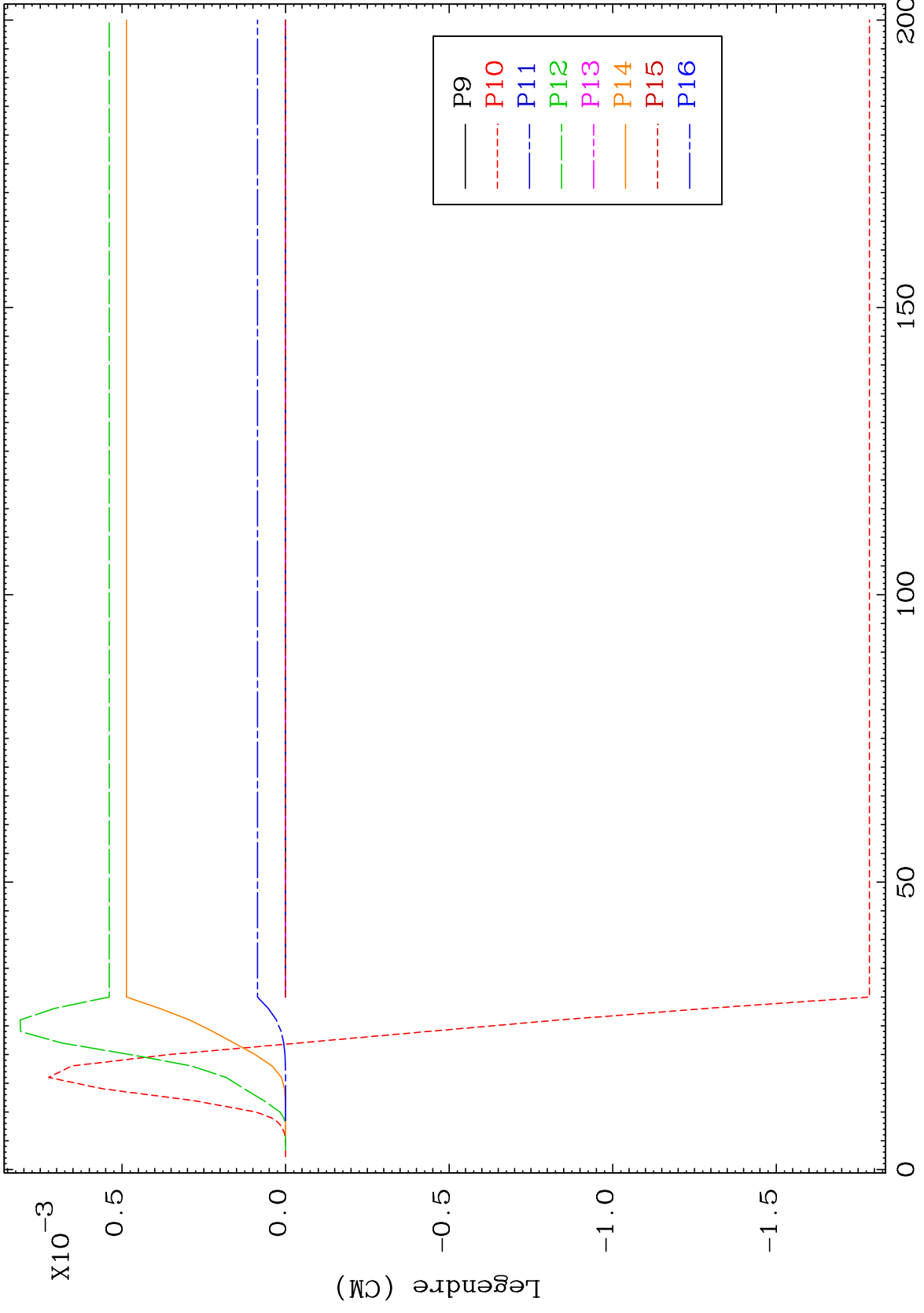


31

40-Zr-84

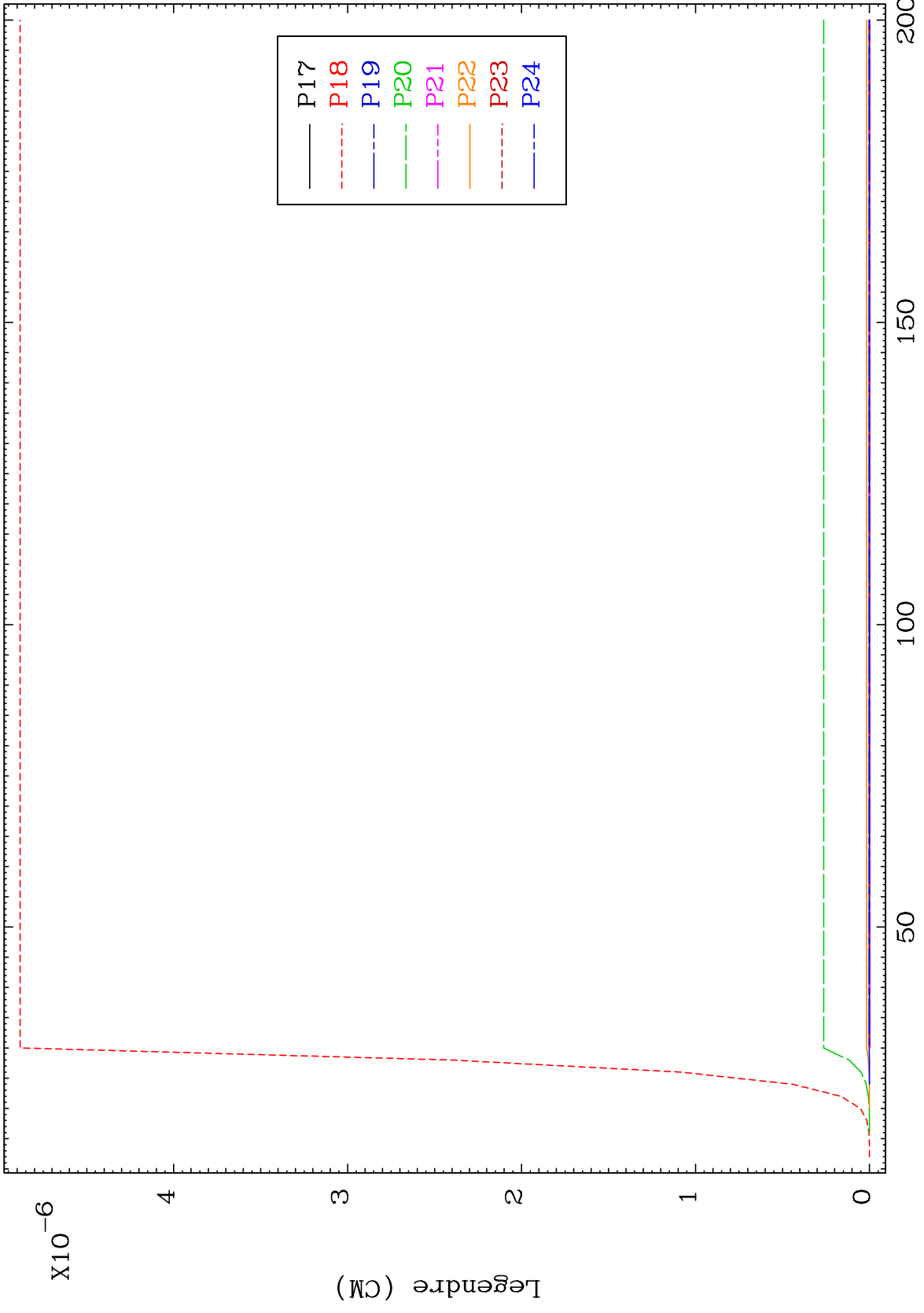


MAT 4007 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-84



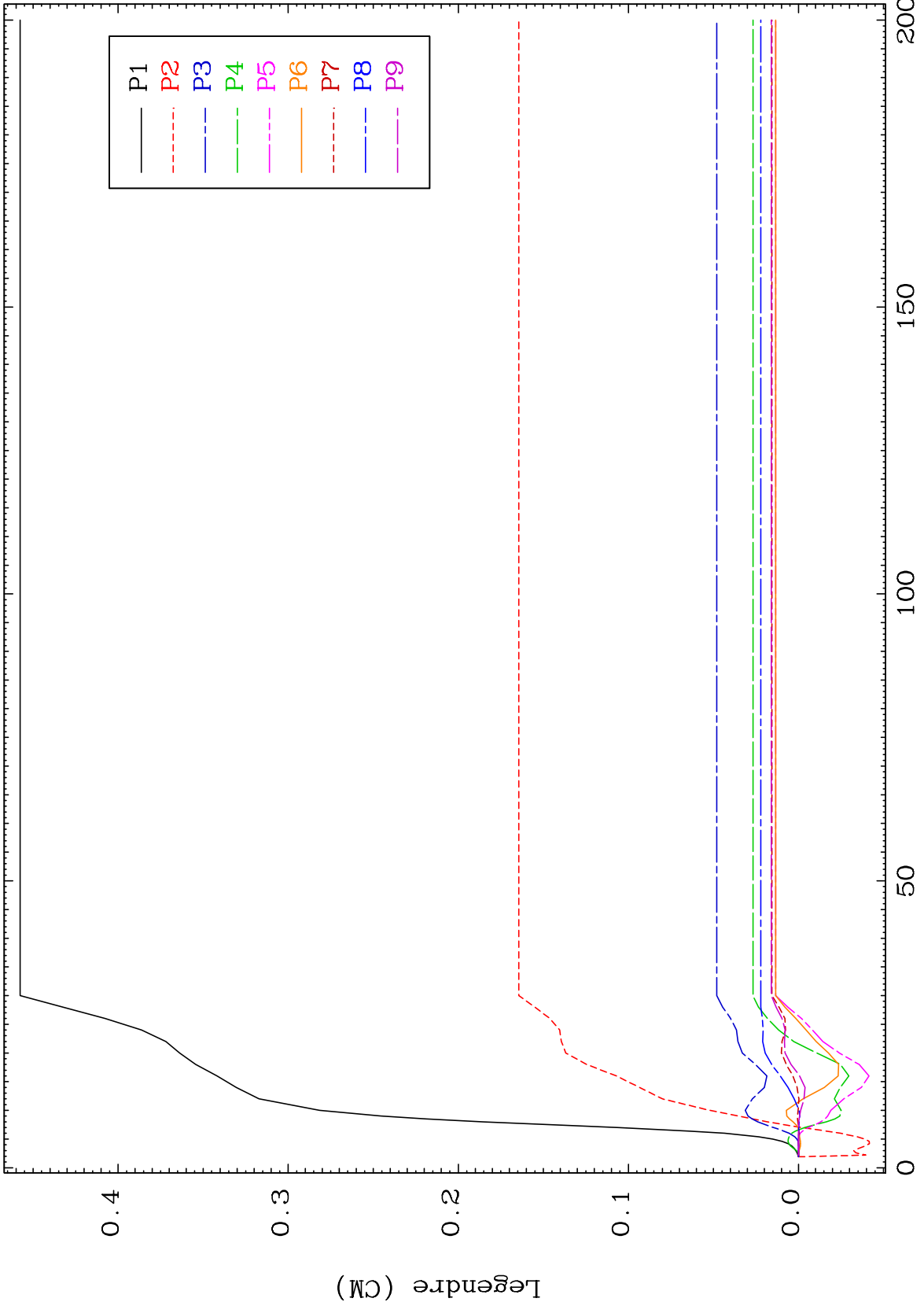
33 40-Zr-84

MAT 4007 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-84



34 Incident Energy (MeV) 40-Zr-84

MAT 4007 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-84

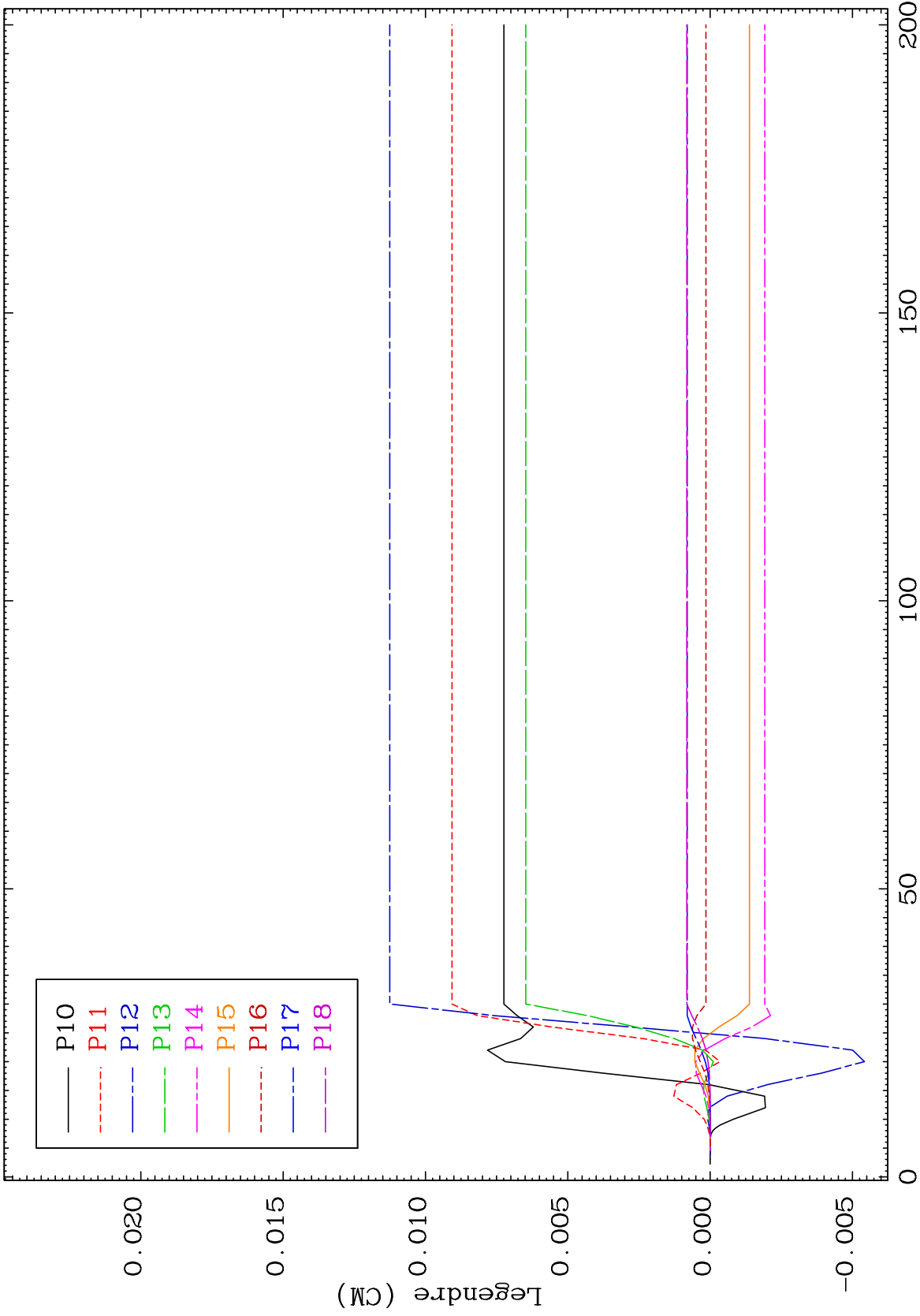


35 Incident Energy (MeV) 40-Zr-84

MAT 4007

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

40-Zr-84

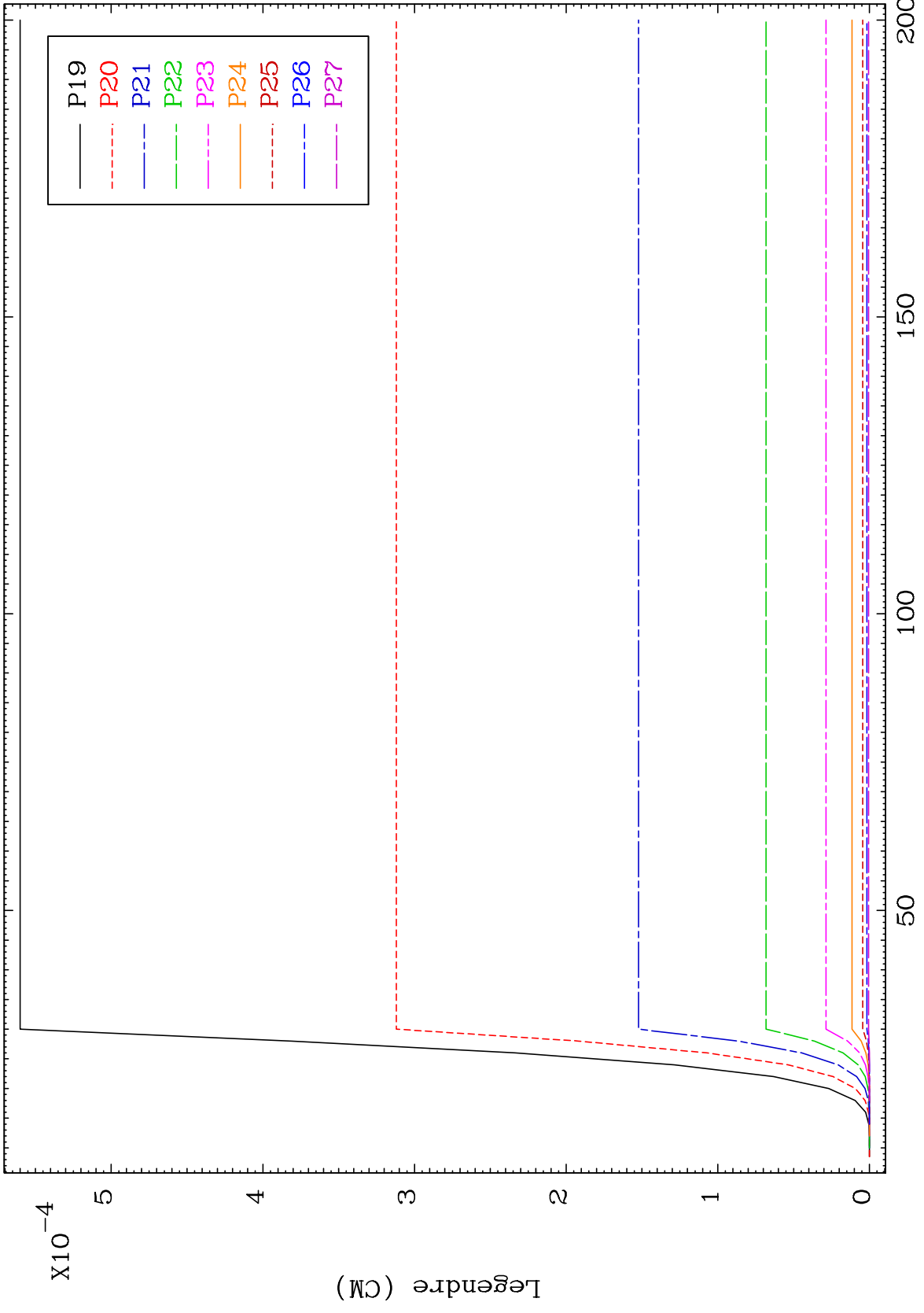


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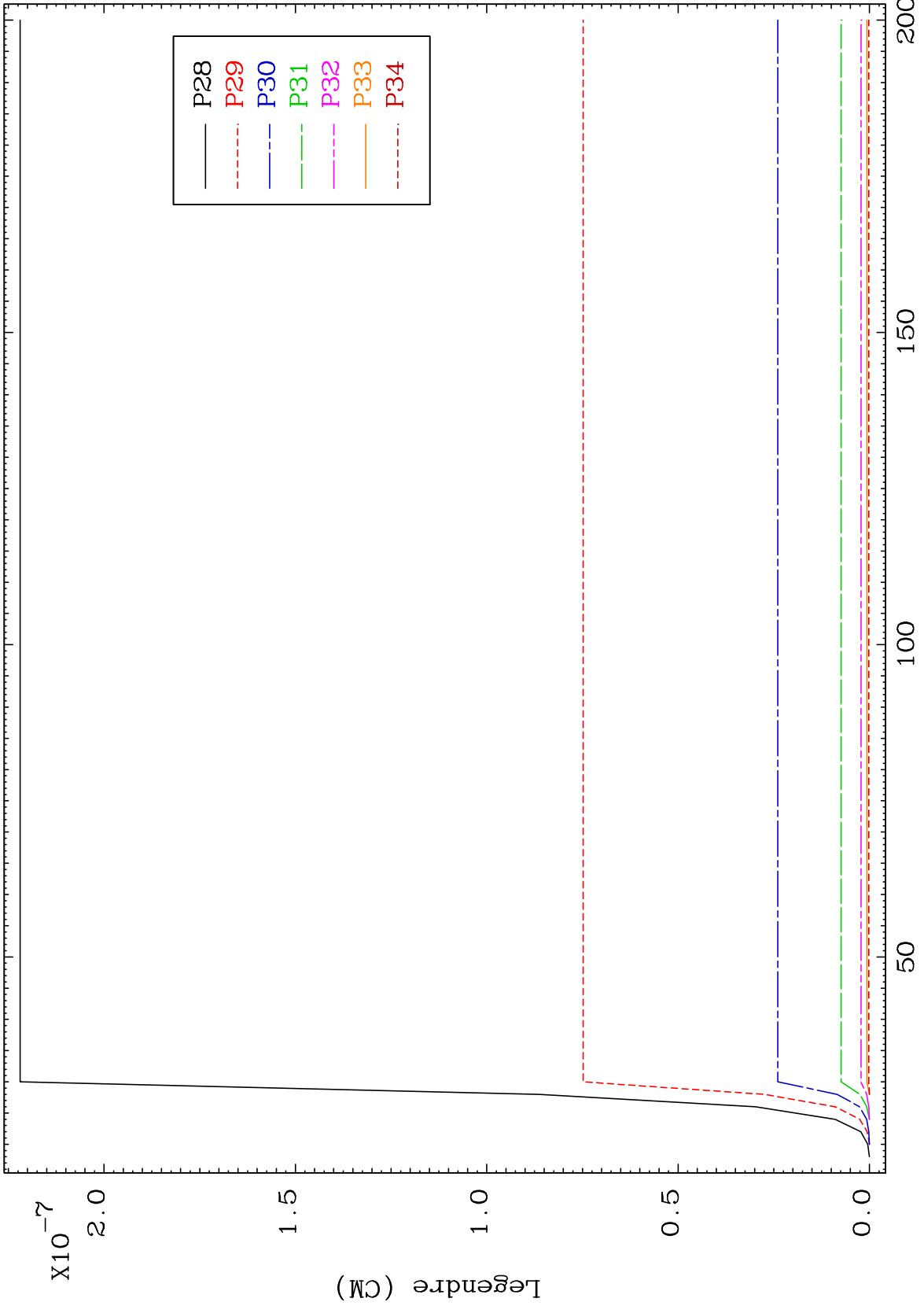
Incident Energy (MeV)

40-Zr-84

MAT 4007 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-84

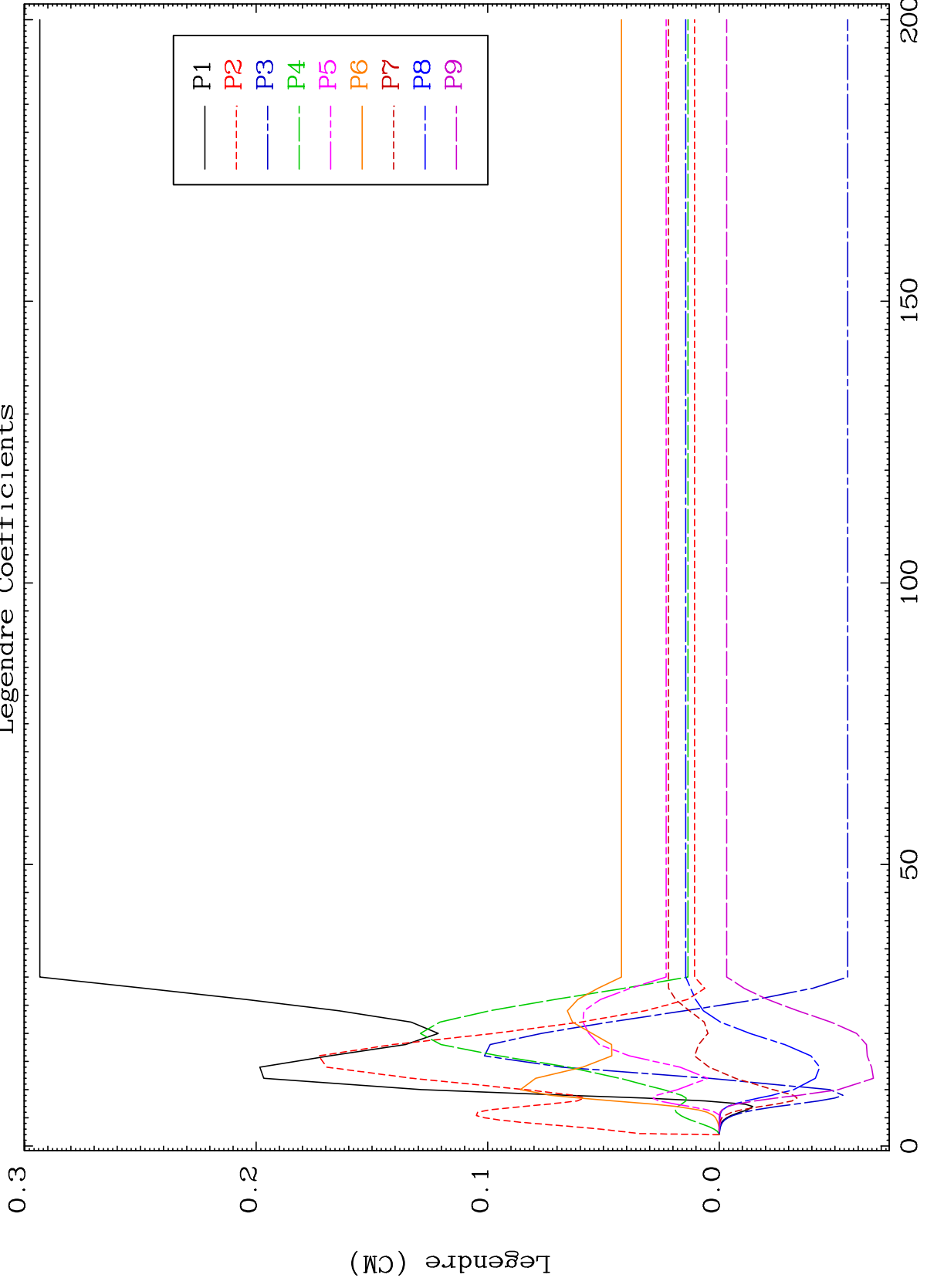


MAT 4007 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-84



38 Incident Energy (MeV) 40-Zr-84

MAT 4007 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-84

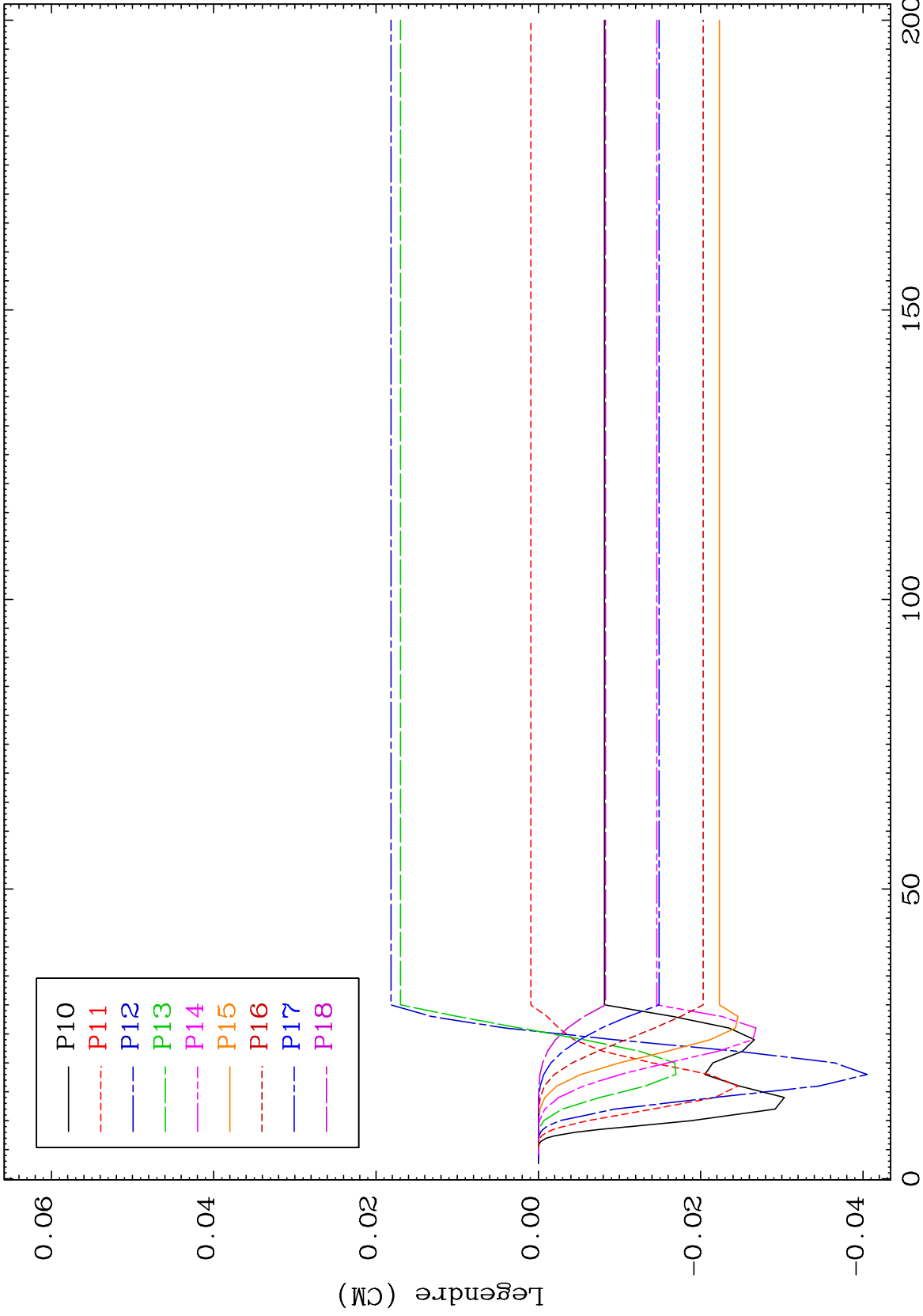


39 Incident Energy (MeV) 40-Zr-84

MAT 4007

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

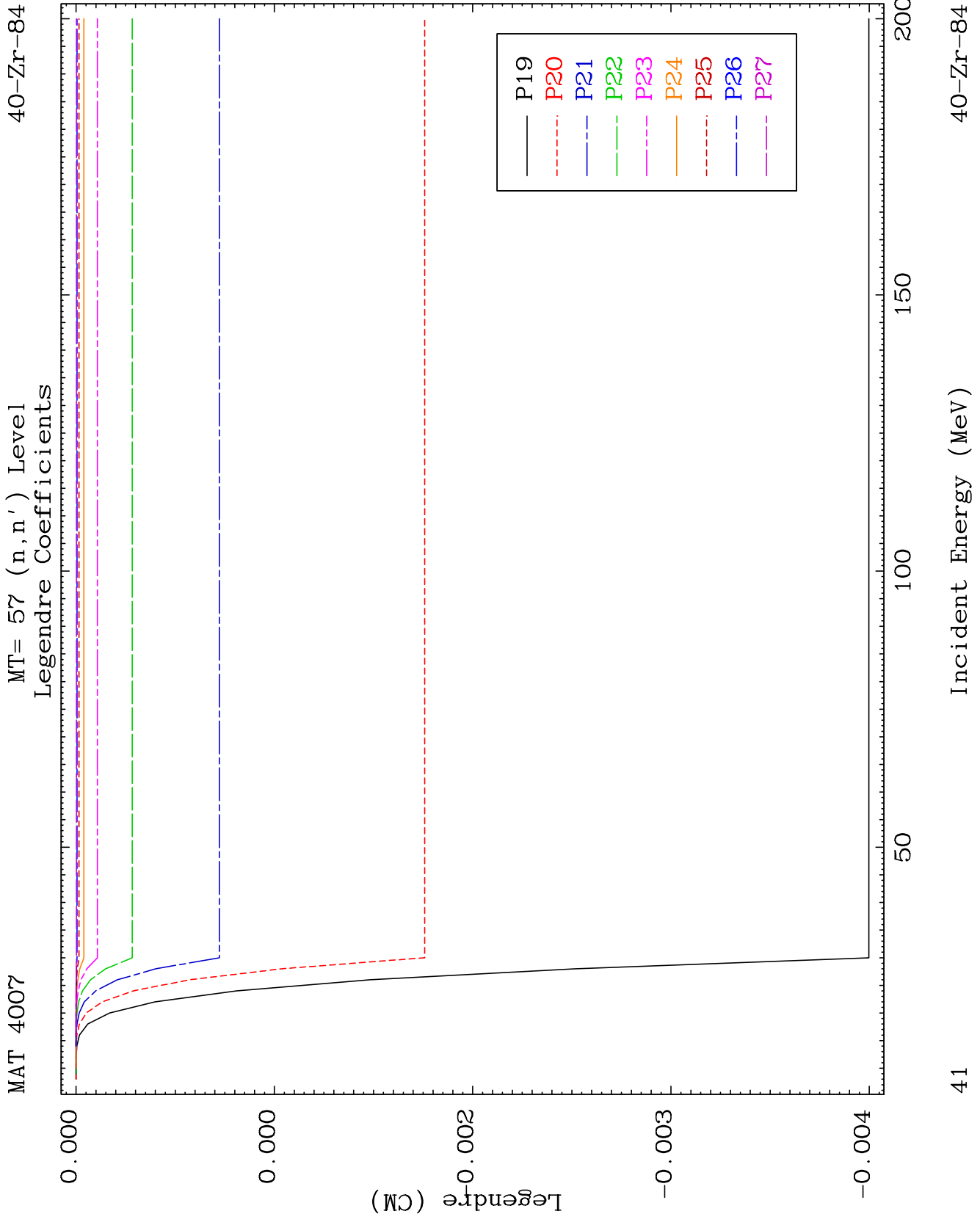
40-Zr-84



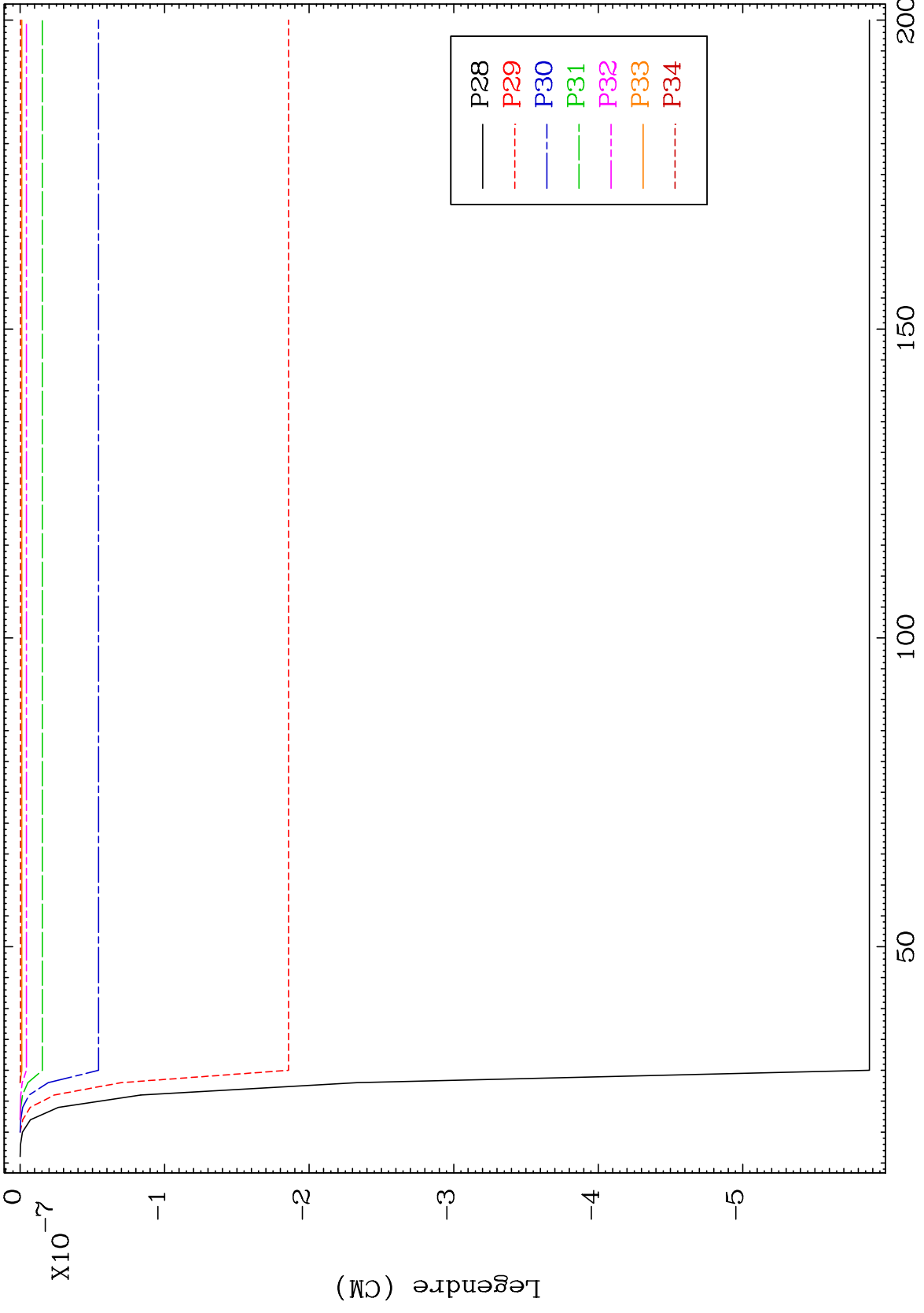
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Incident Energy (MeV)

40-Zr-84



MAT 4007 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-84

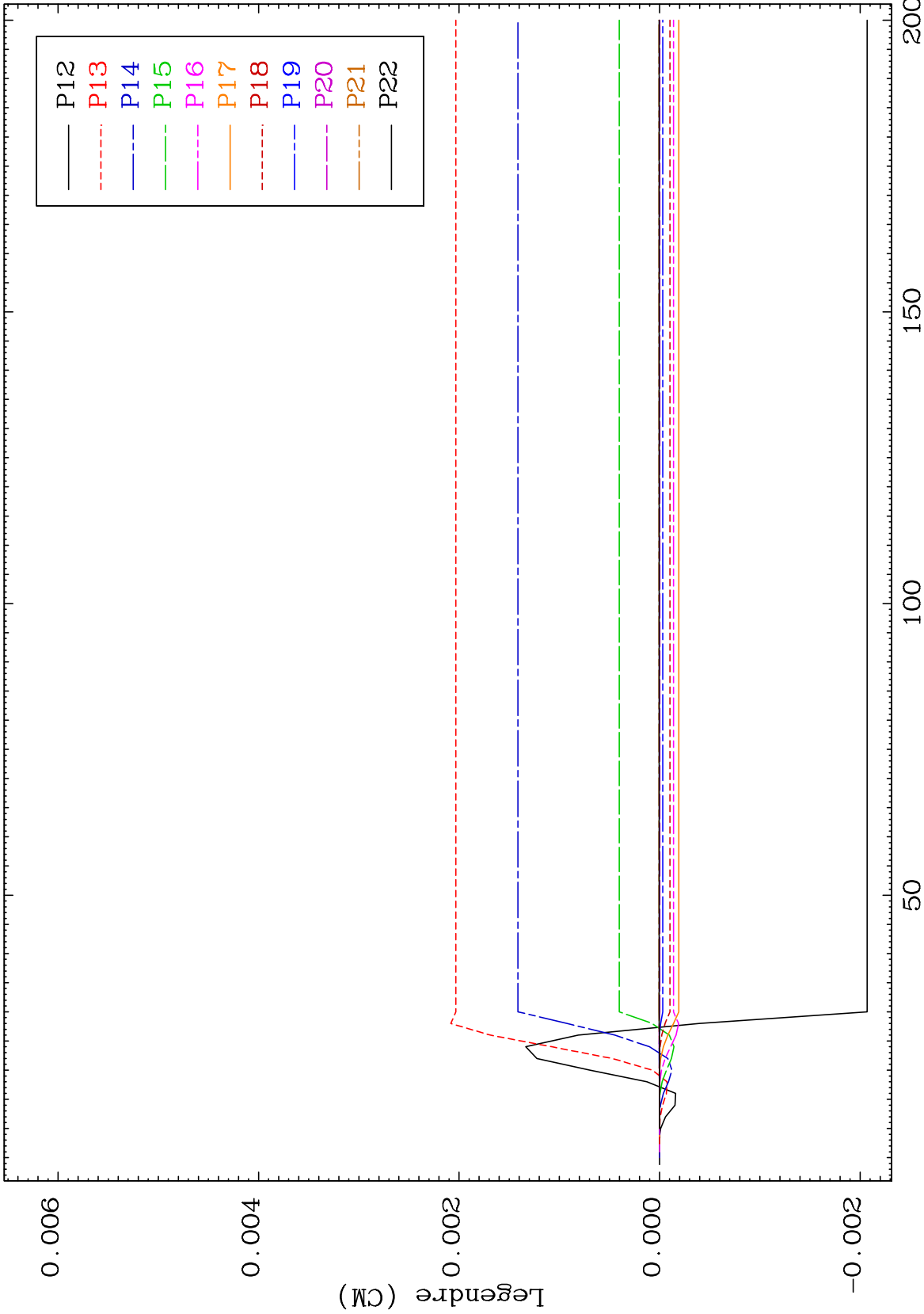


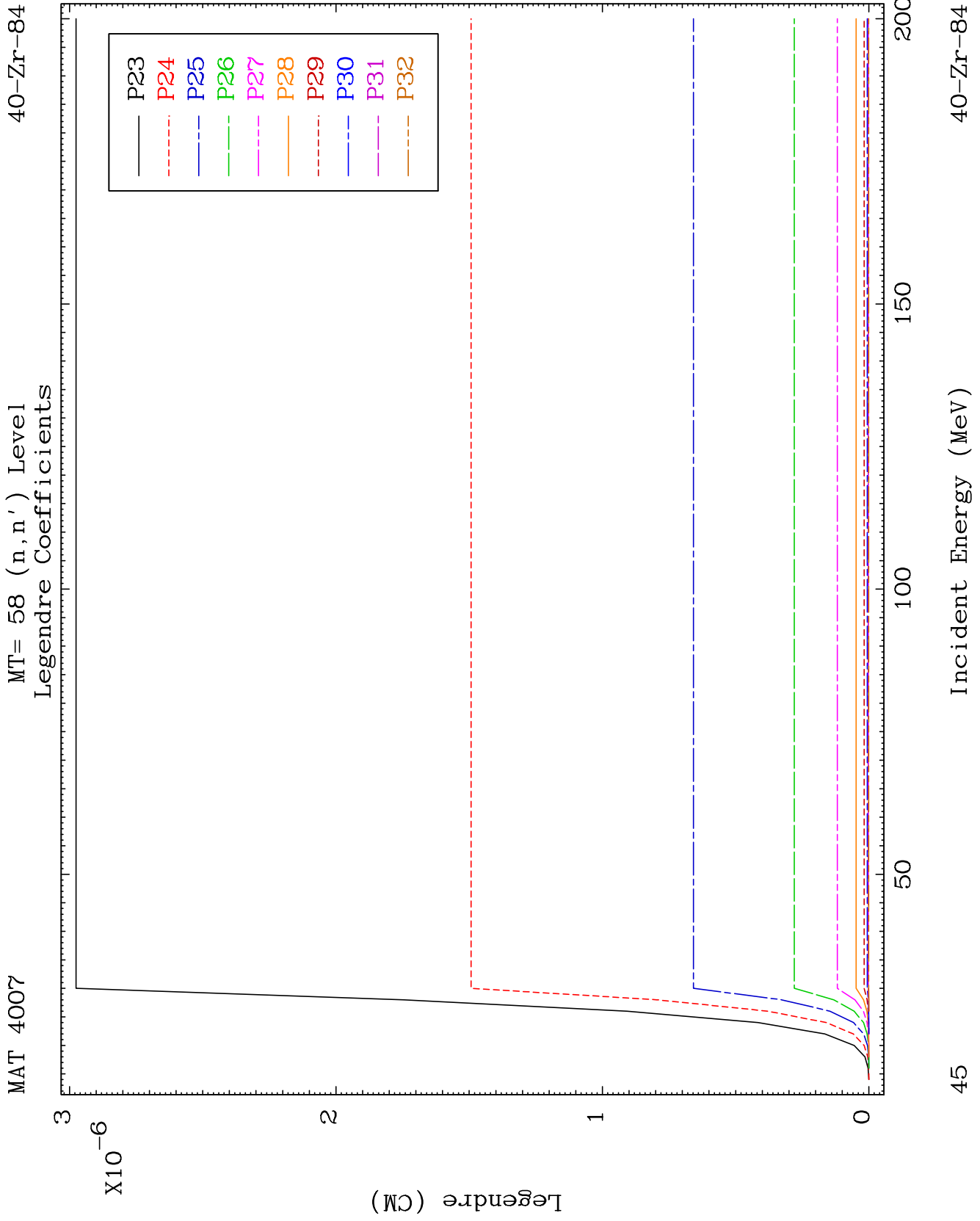
42 Incident Energy (MeV) 40-Zr-84

MAT 4007

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

40-Zr-84





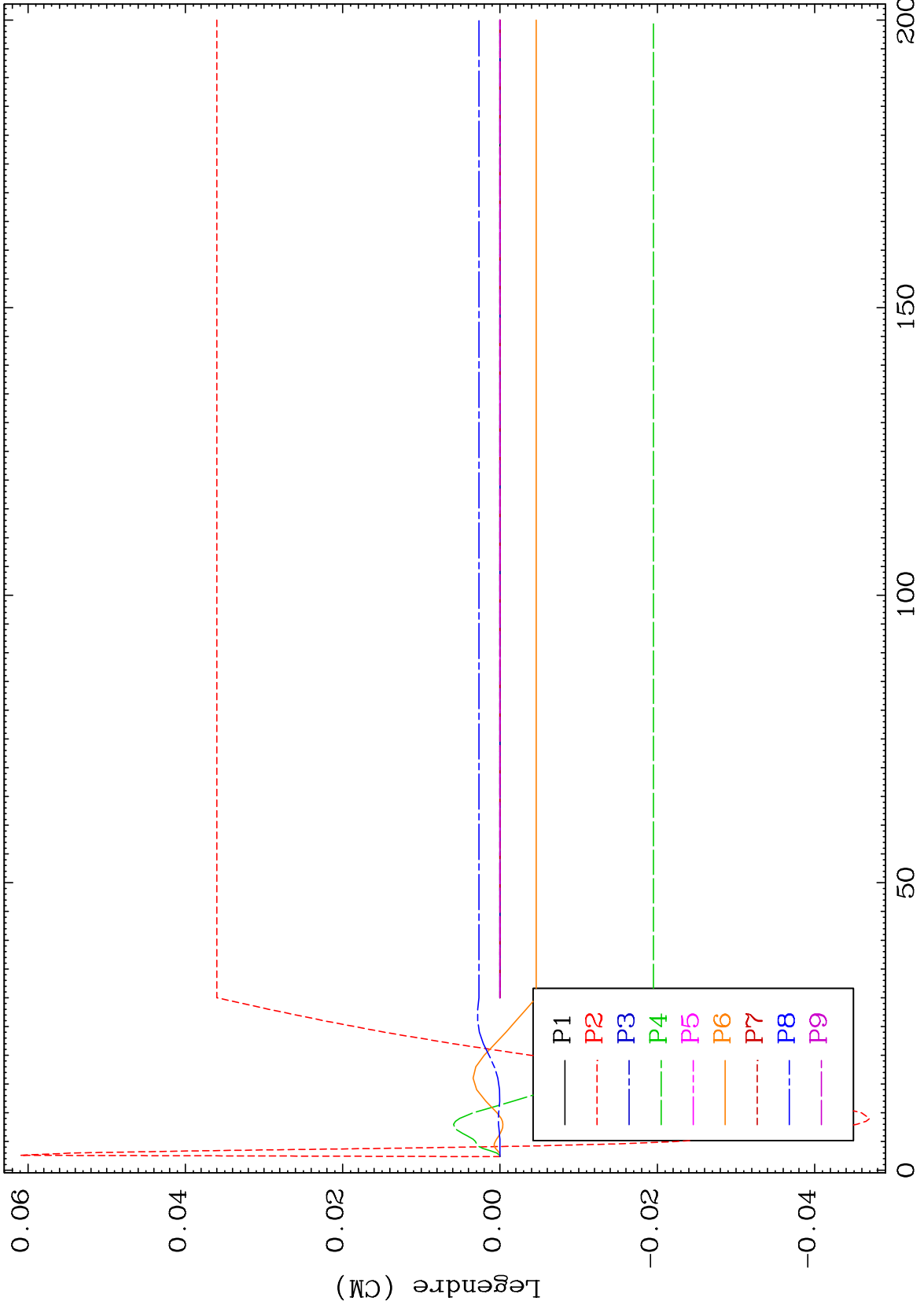
MAT 4007 MT= 59 (n,n') Level Legendre Coefficients

40-Zr-84

40-Zr-84

Incident Energy (MeV)

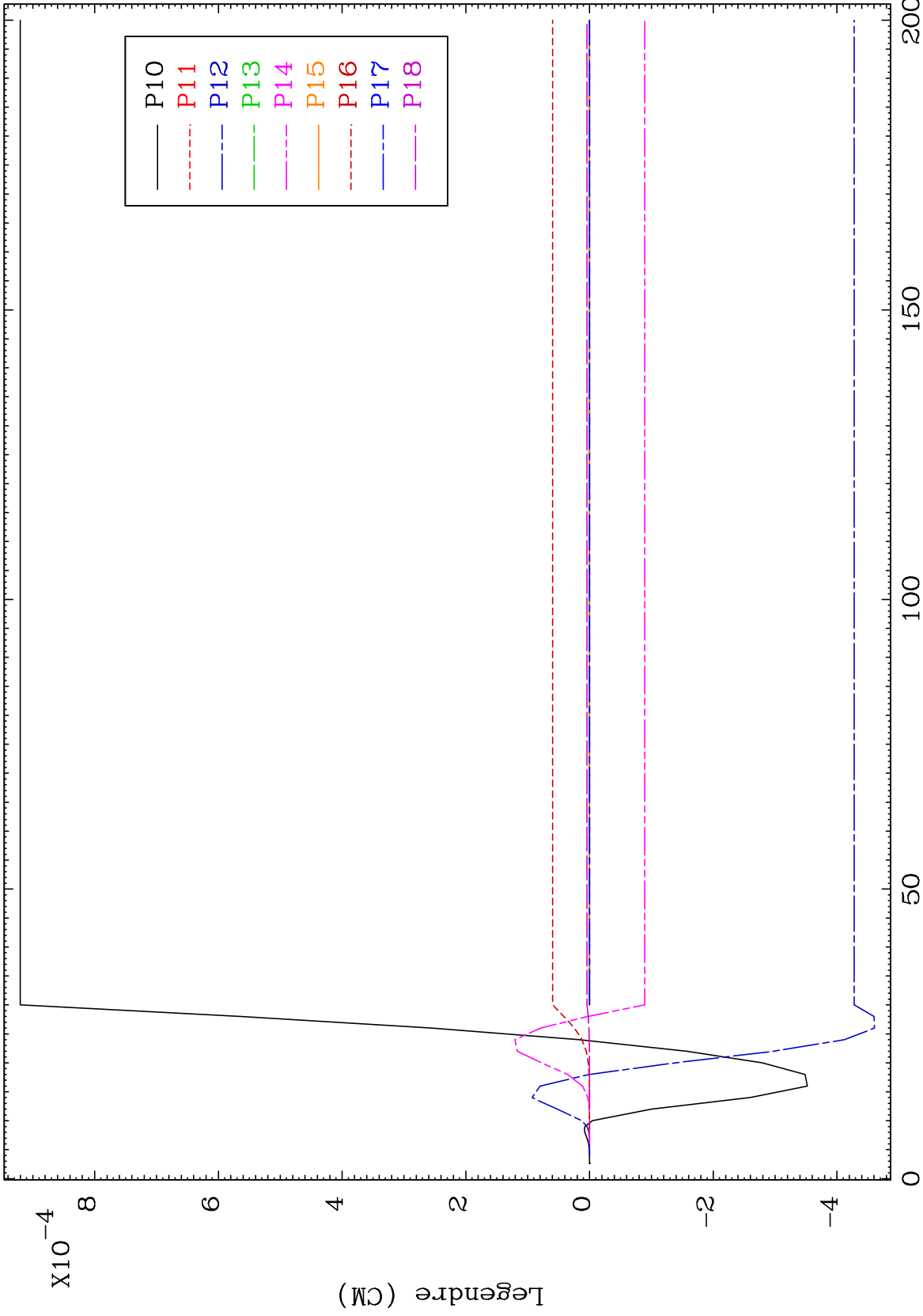
46



MAT 4007

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

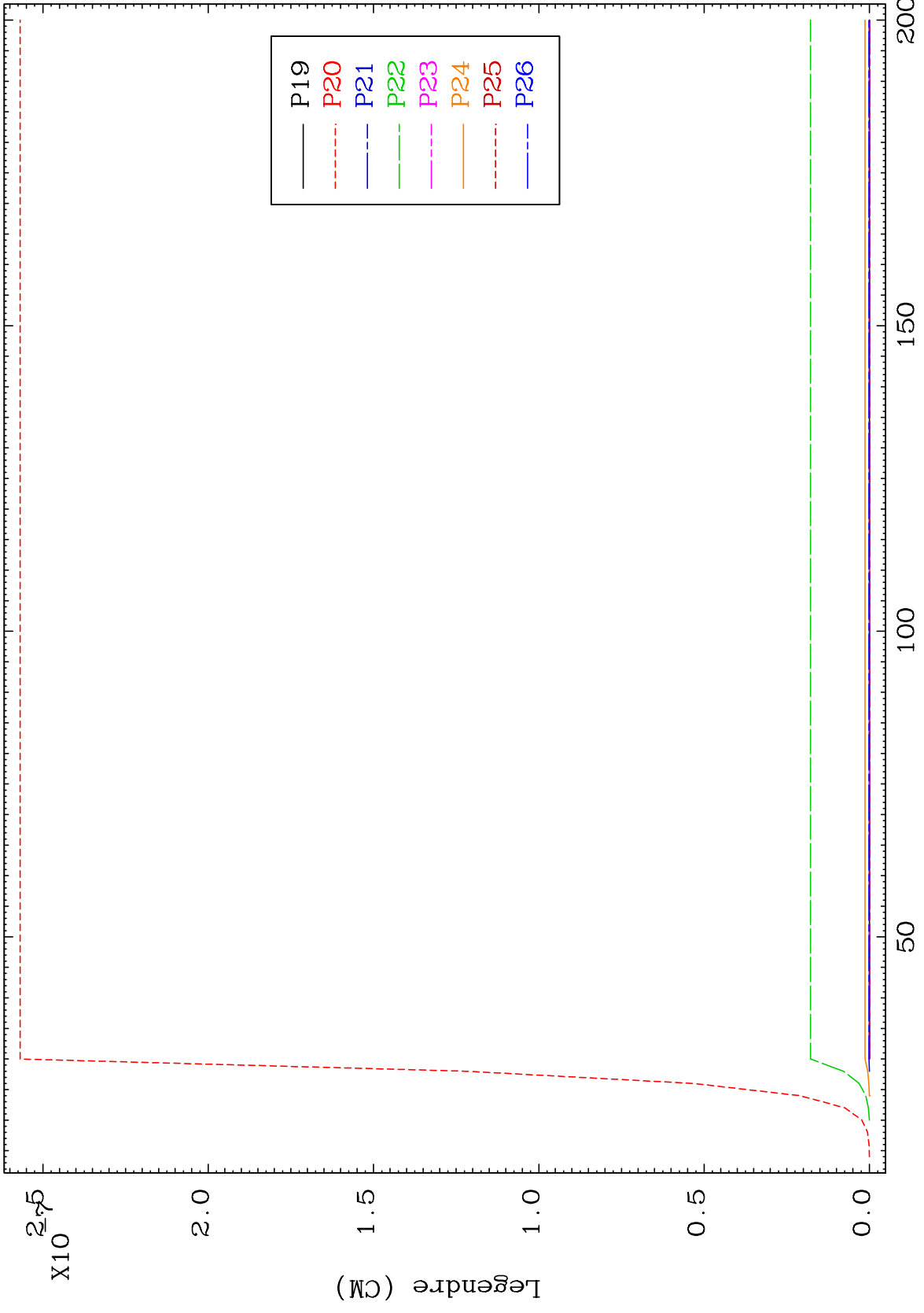
40-Zr-84



47

40-Zr-84

MAT 4007 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-84



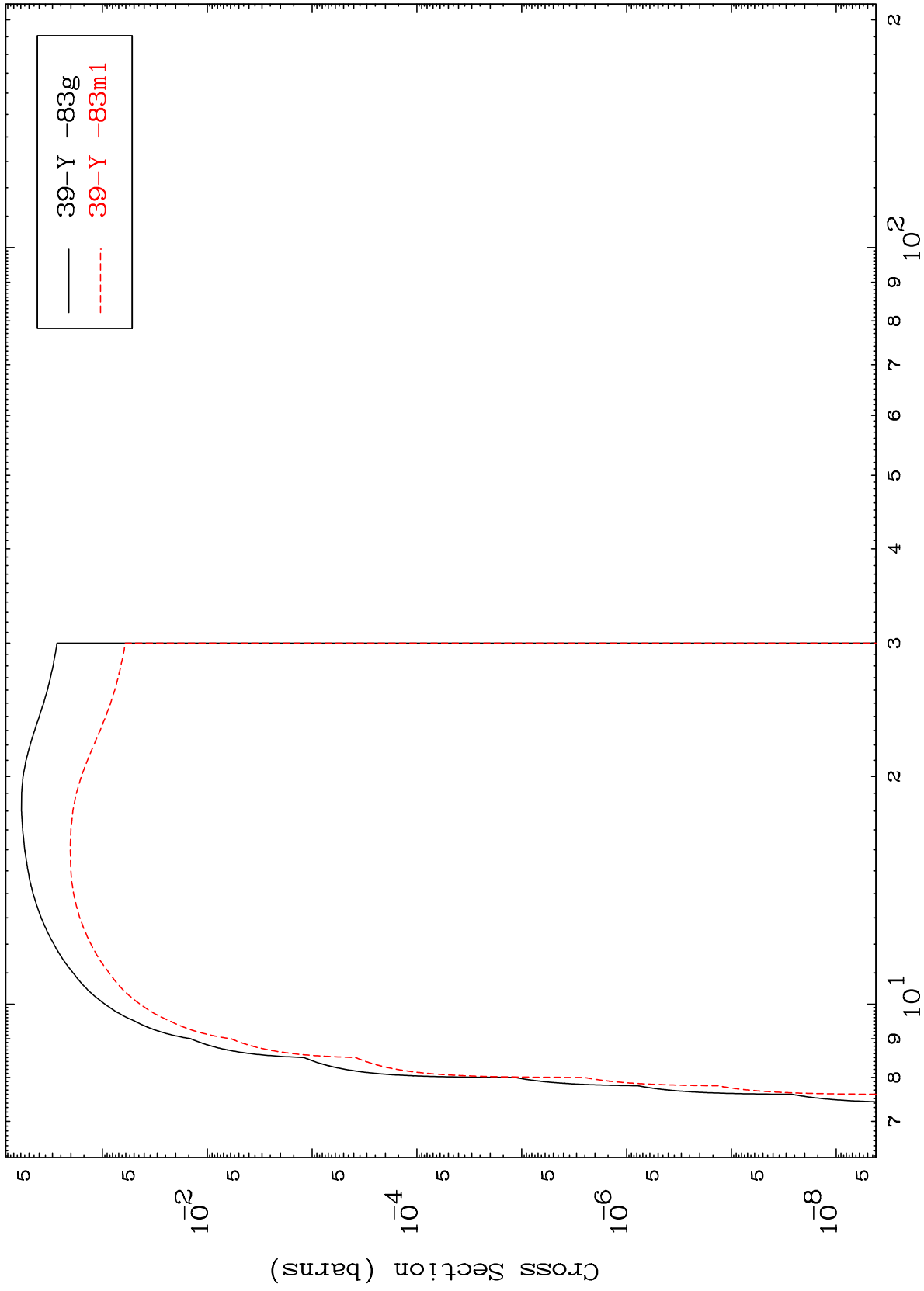
48 Incident Energy (MeV) 40-Zr-84

MAT 4007

(n,n') p

40-Zr-84

Radionuclide Production Cross Section



49

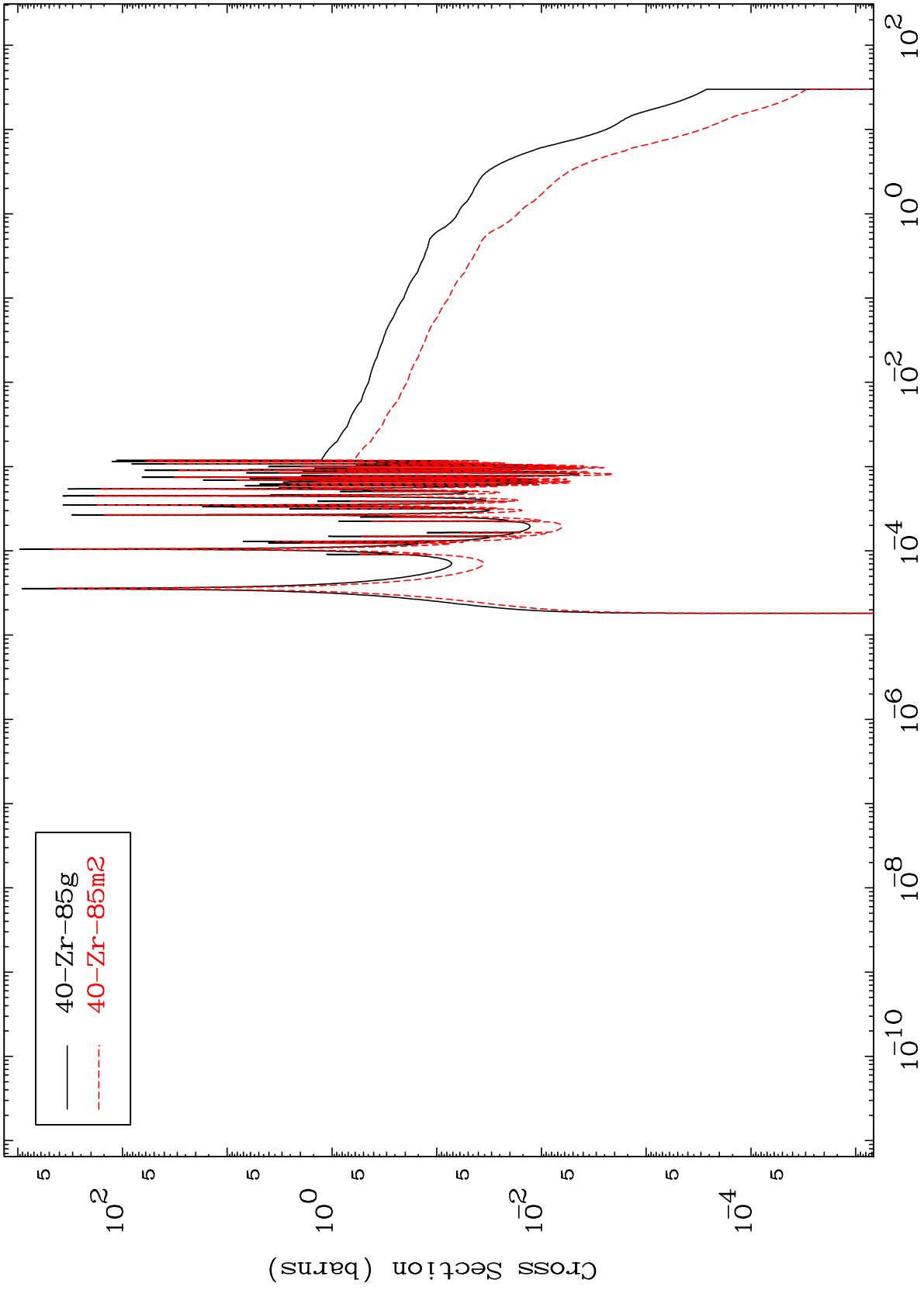
Incident Energy (MeV)

40-Zr-84

MAT 4007

40-Zr-84

Radionuclide Production Cross Section



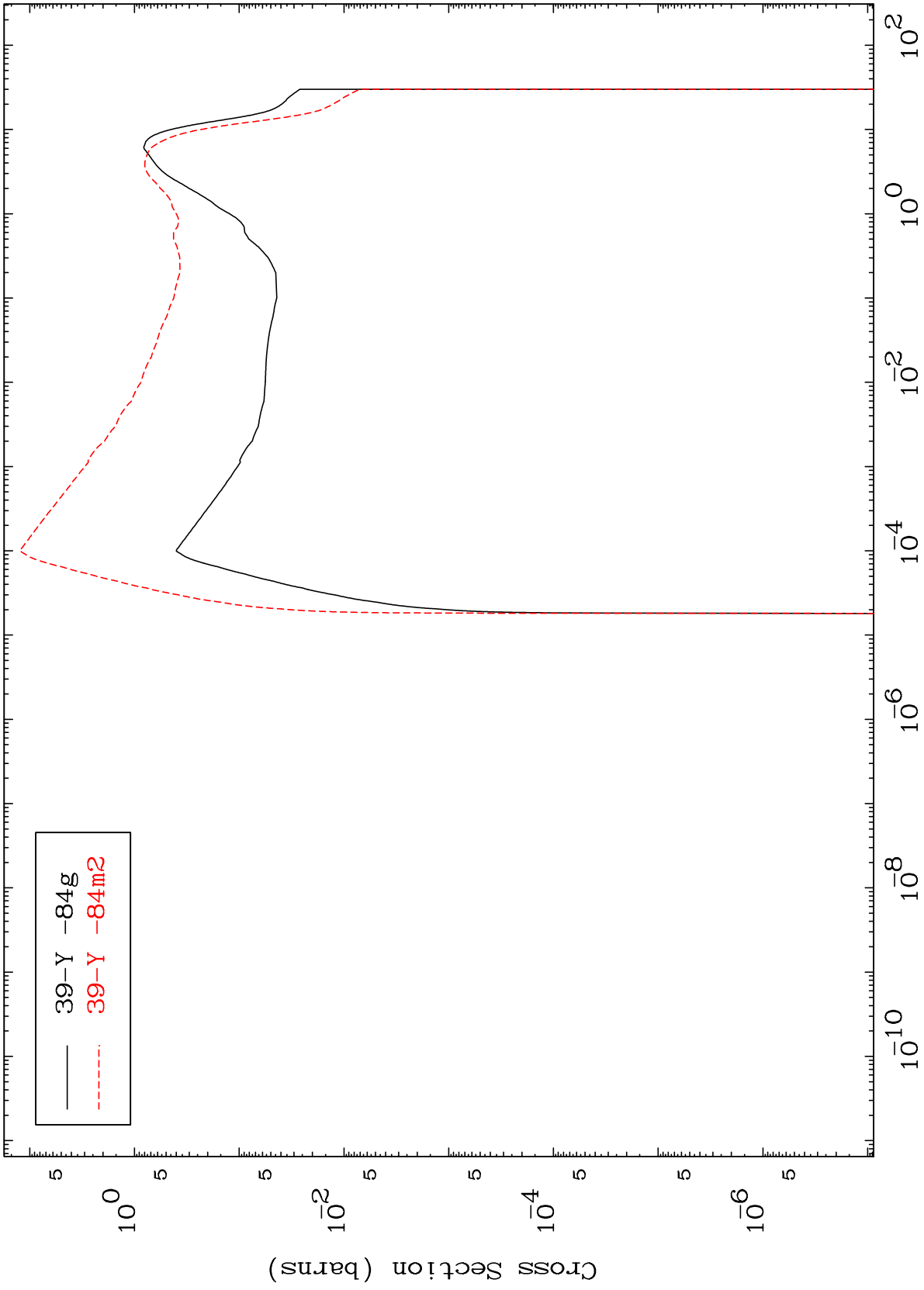
50

40-Zr-84

MAT 4007

40-Zr-84

Radionuclide Production Cross Section (n,p)



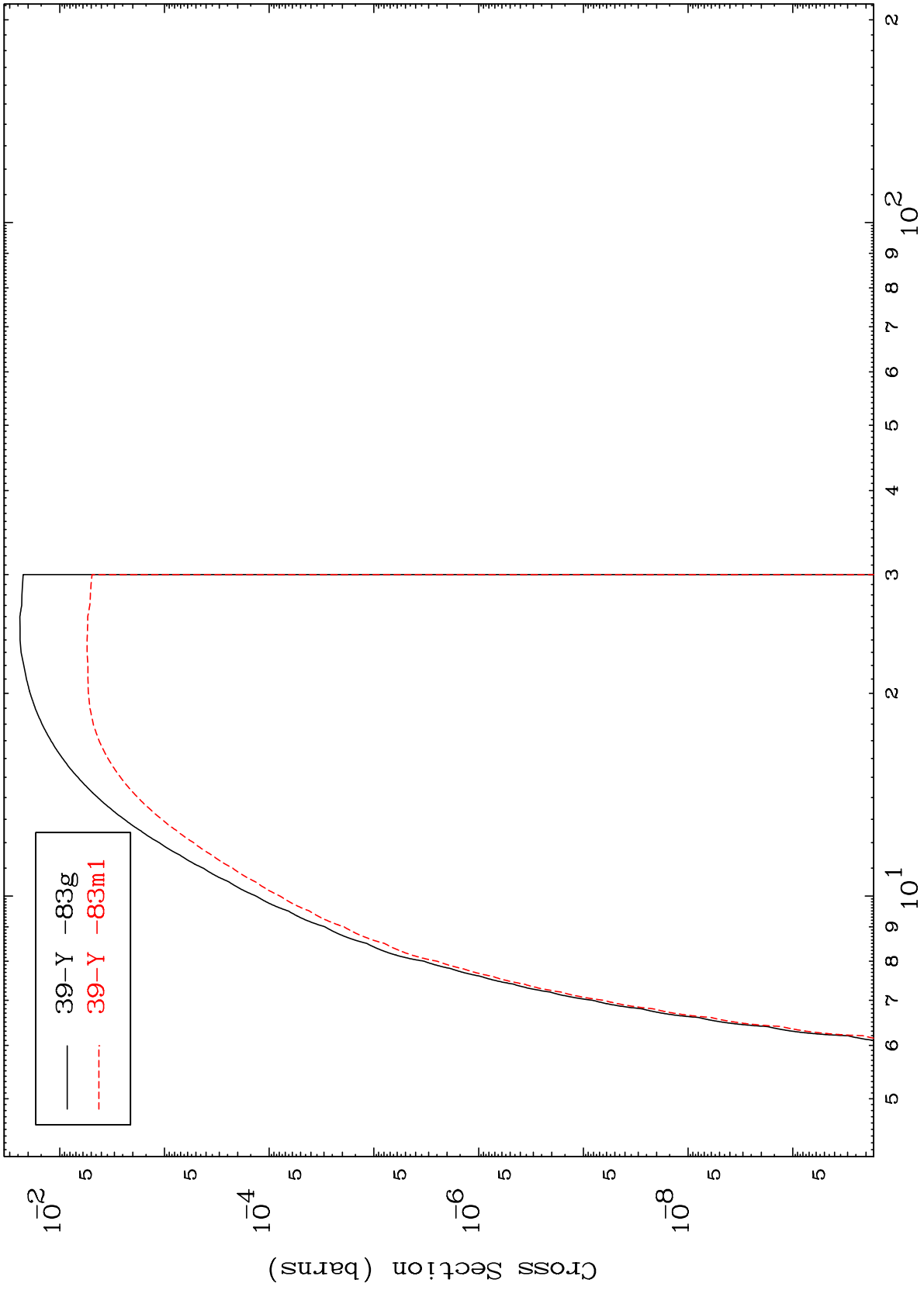
51

40-Zr-84

MAT 4007

Radionuclide Production Cross Section
(n,d)

40-Zr-84



52

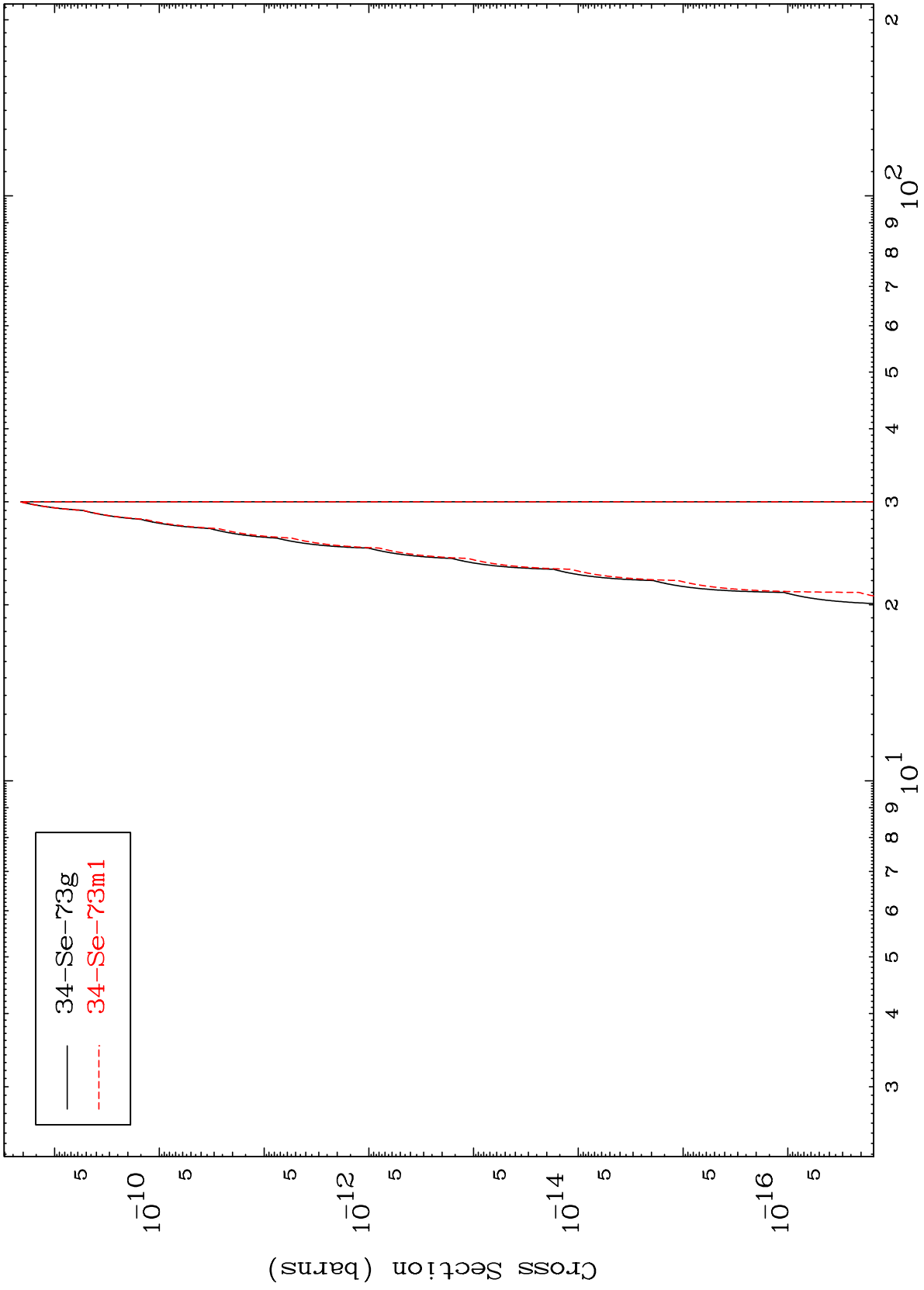
Incident Energy (MeV)

40-Zr-84

MAT 4007

40-Zr-84

Radionuclide Production Cross Section
(n, 3α)



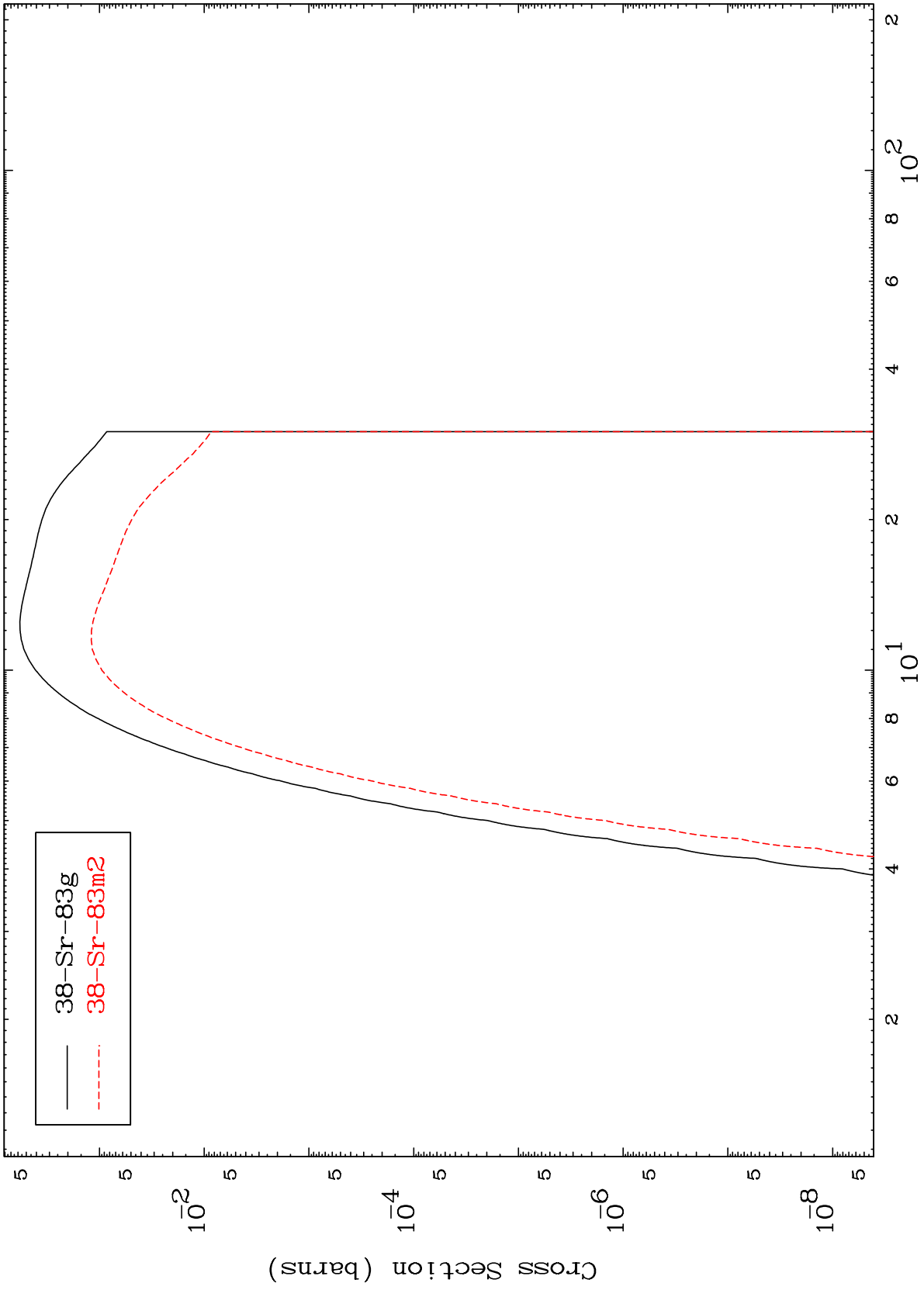
53

40-Zr-84

MAT 4007

Radionuclide Production Cross Section
(n,2p)

40-Zr-84



54

Incident Energy (MeV)

40-Zr-84