

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

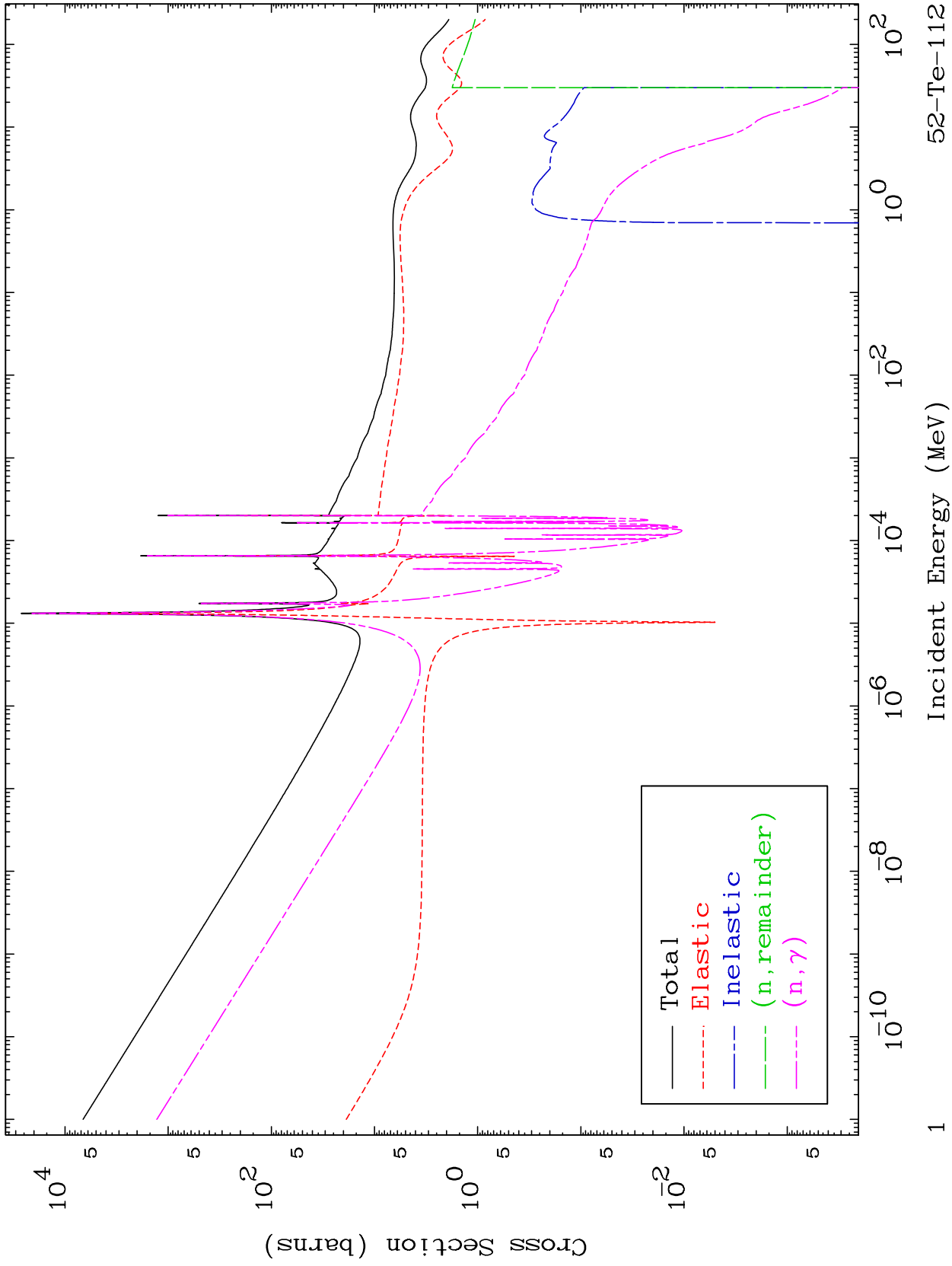
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5201

Major
293 Kelvin Cross Sections

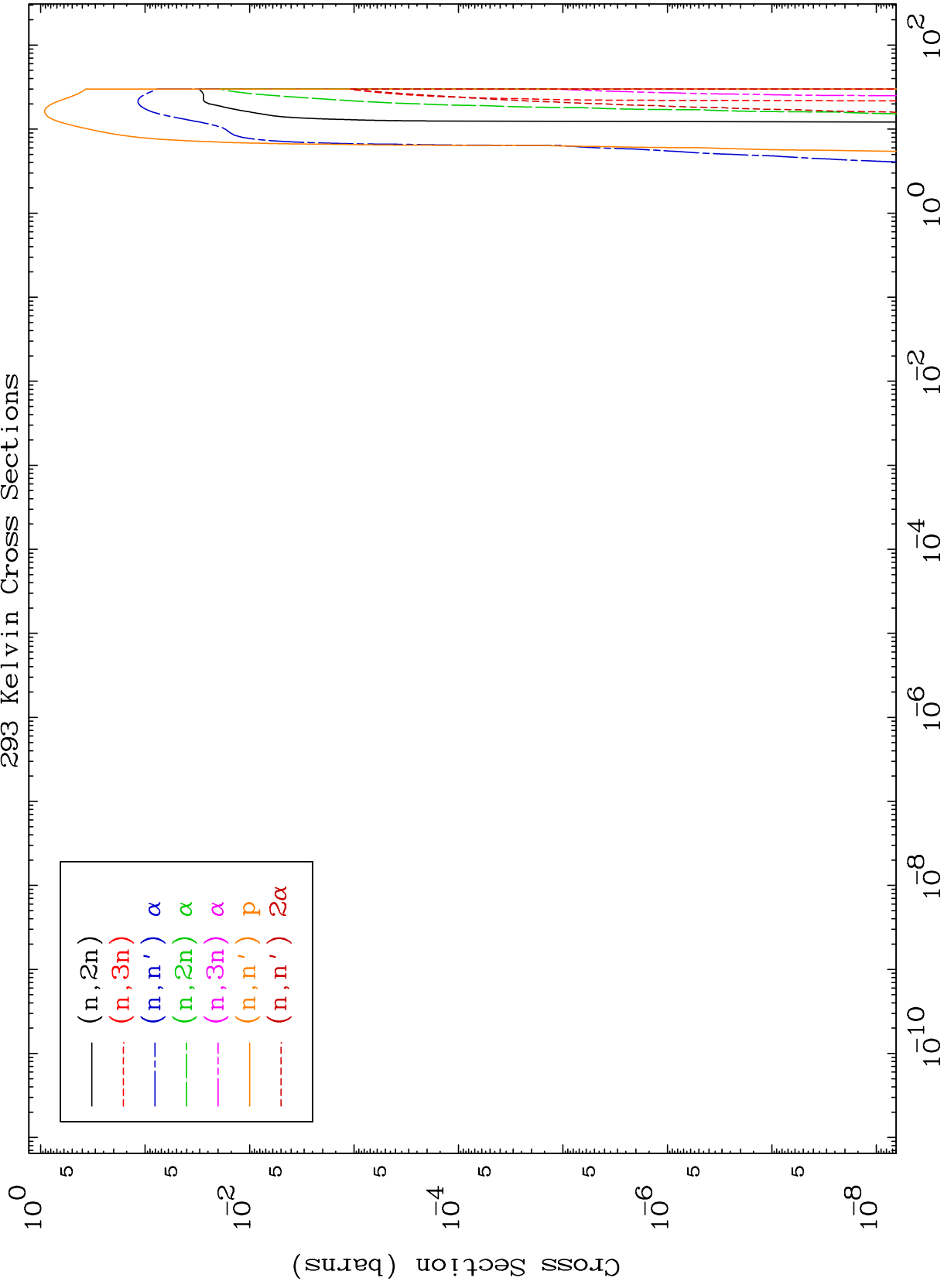
52-Te-112



MAT 5201

Neutron Production
293 Kelvin Cross Sections

52-Te-112



2

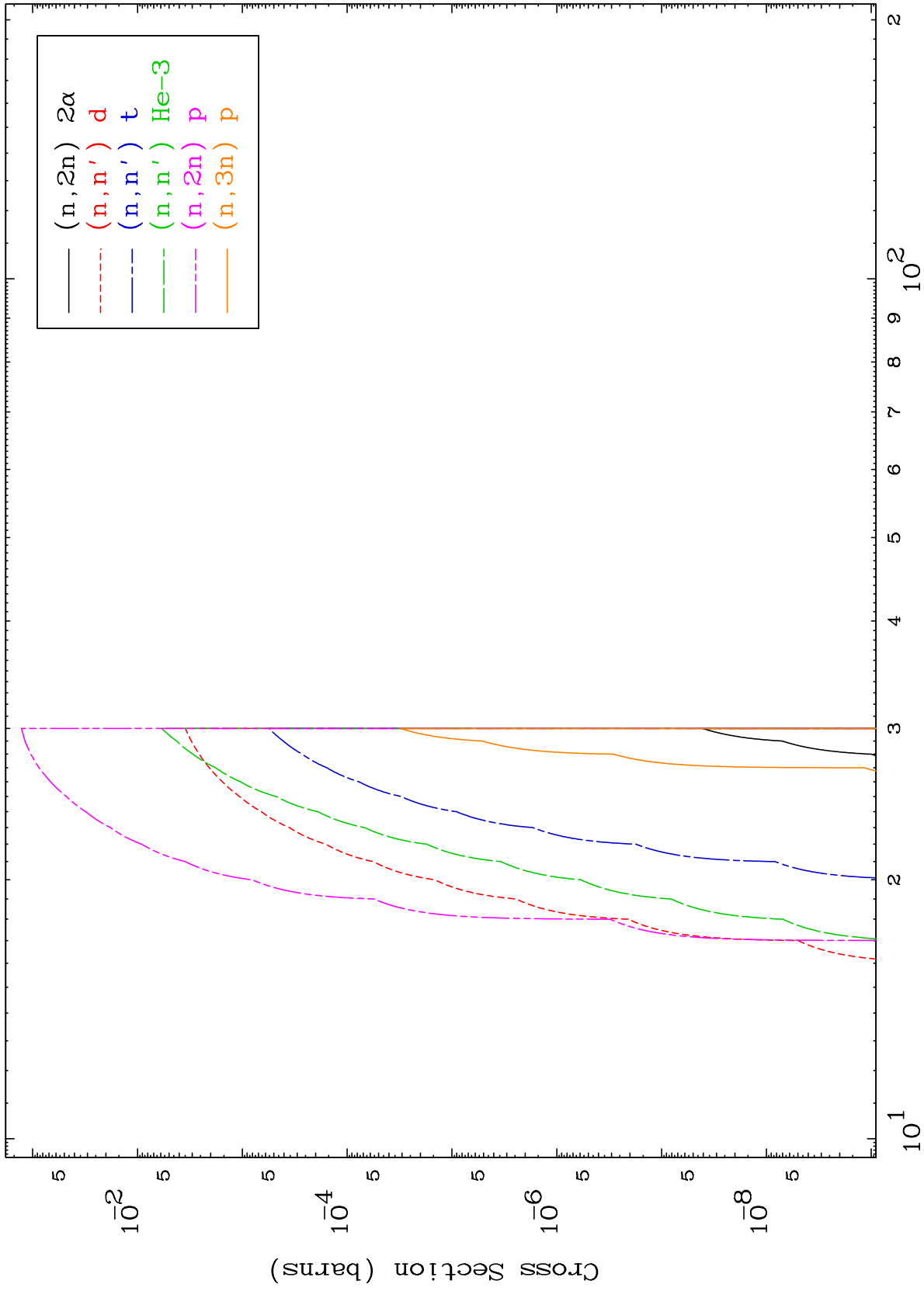
Incident Energy (MeV)

52-Te-112

MAT 5201

Neutron Production
293 Kelvin Cross Sections

52-Te-112



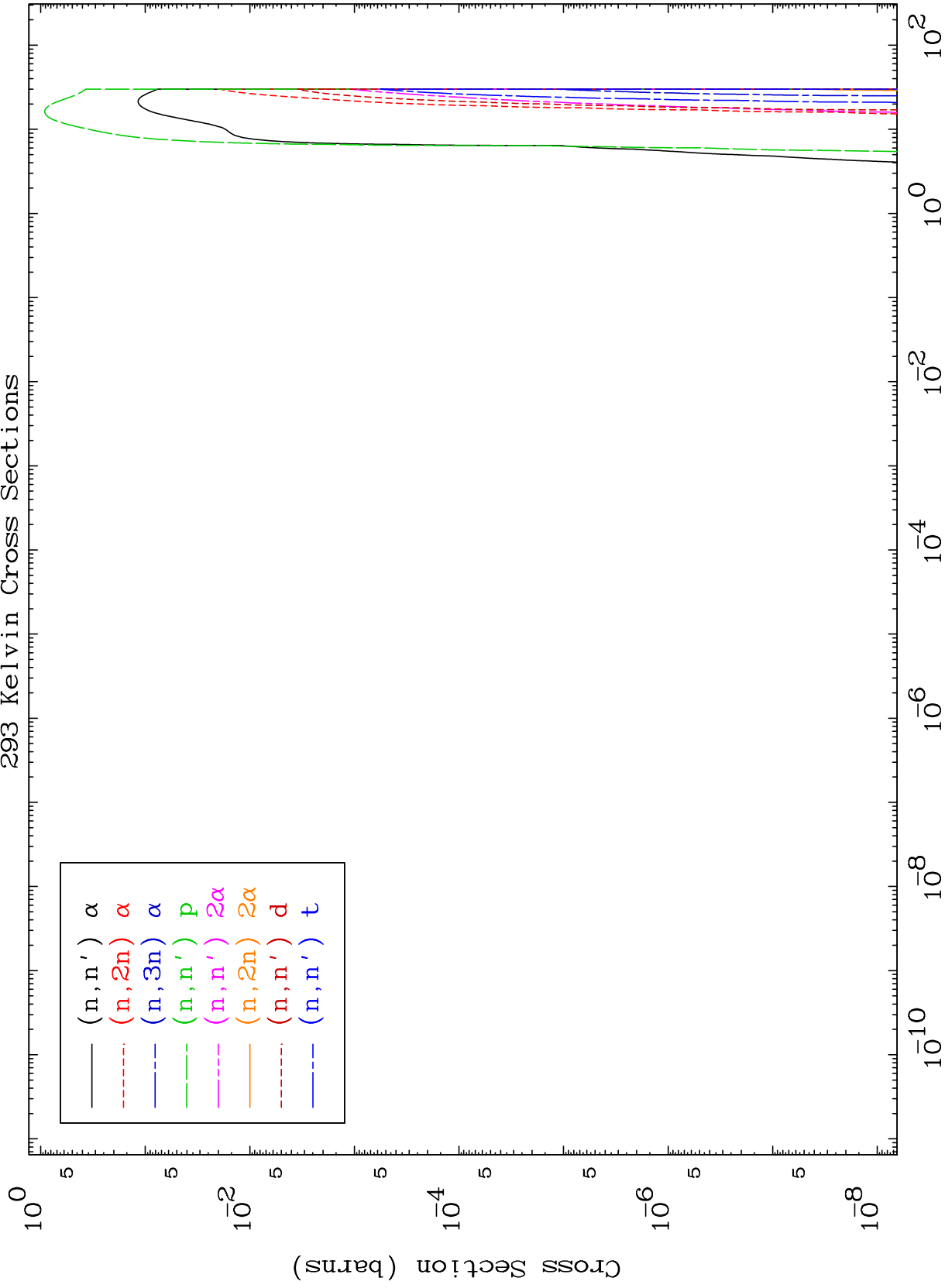
52-Te-112

Incident Energy (MeV)

MAT 5201

293 Charged Particle
Kelvin Cross Sections

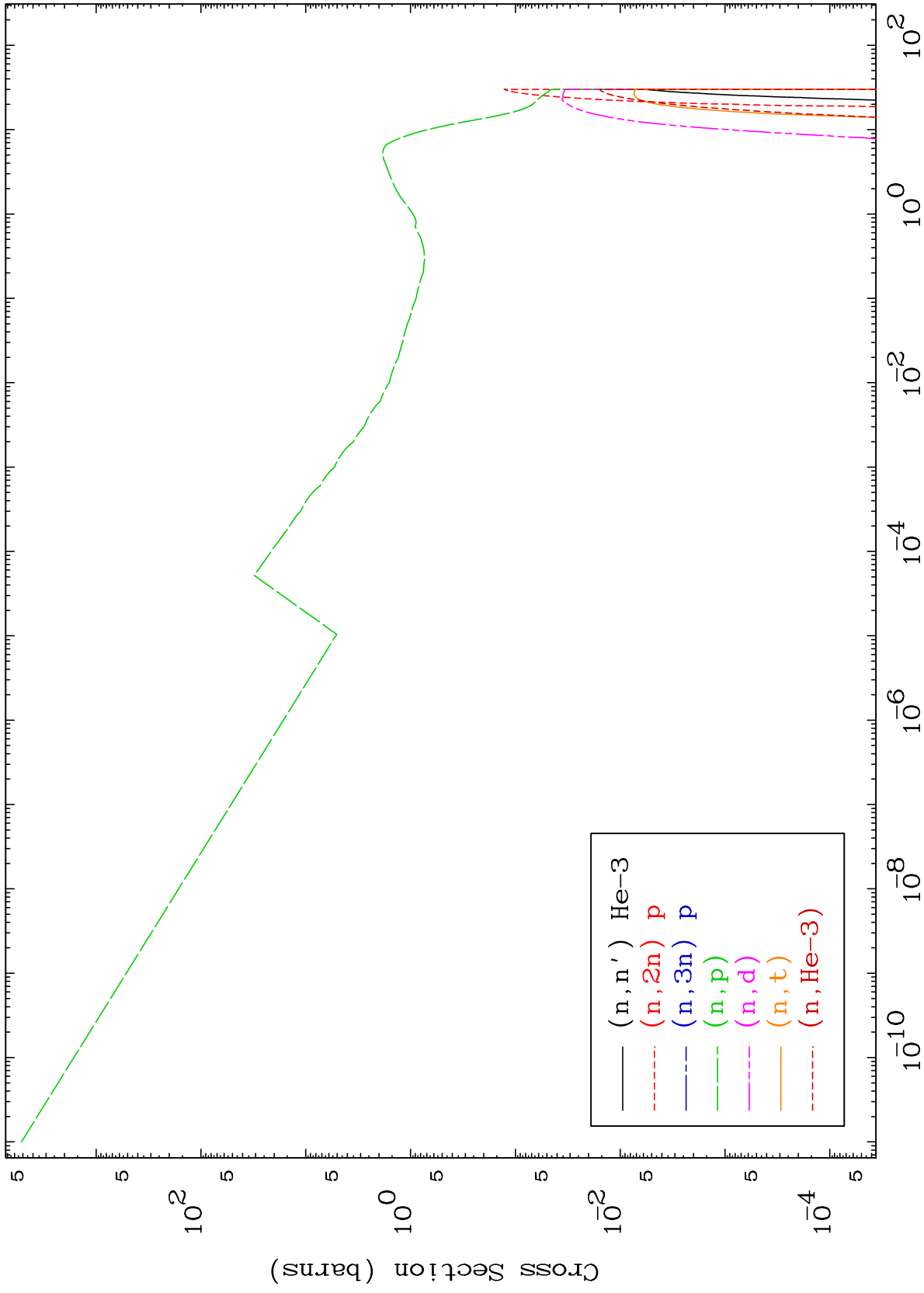
52-Te-112



MAT 5201

Charged Particle
293 Kelvin Cross Sections

52-Te-112



5

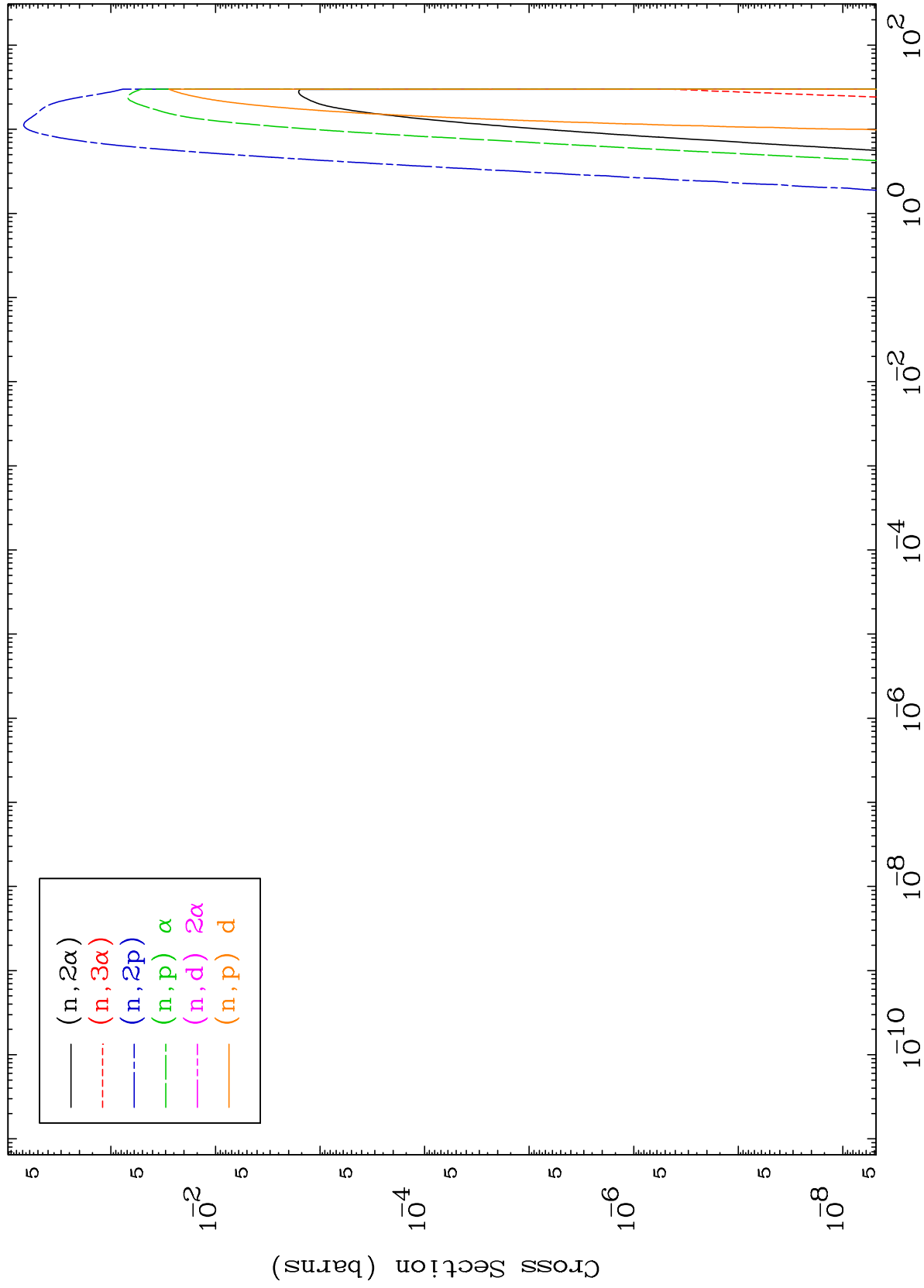
Incident Energy (MeV)

52-Te-112

MAT 5201

293 Charged Particle
Kelvin Cross Sections

52-Te-112



6

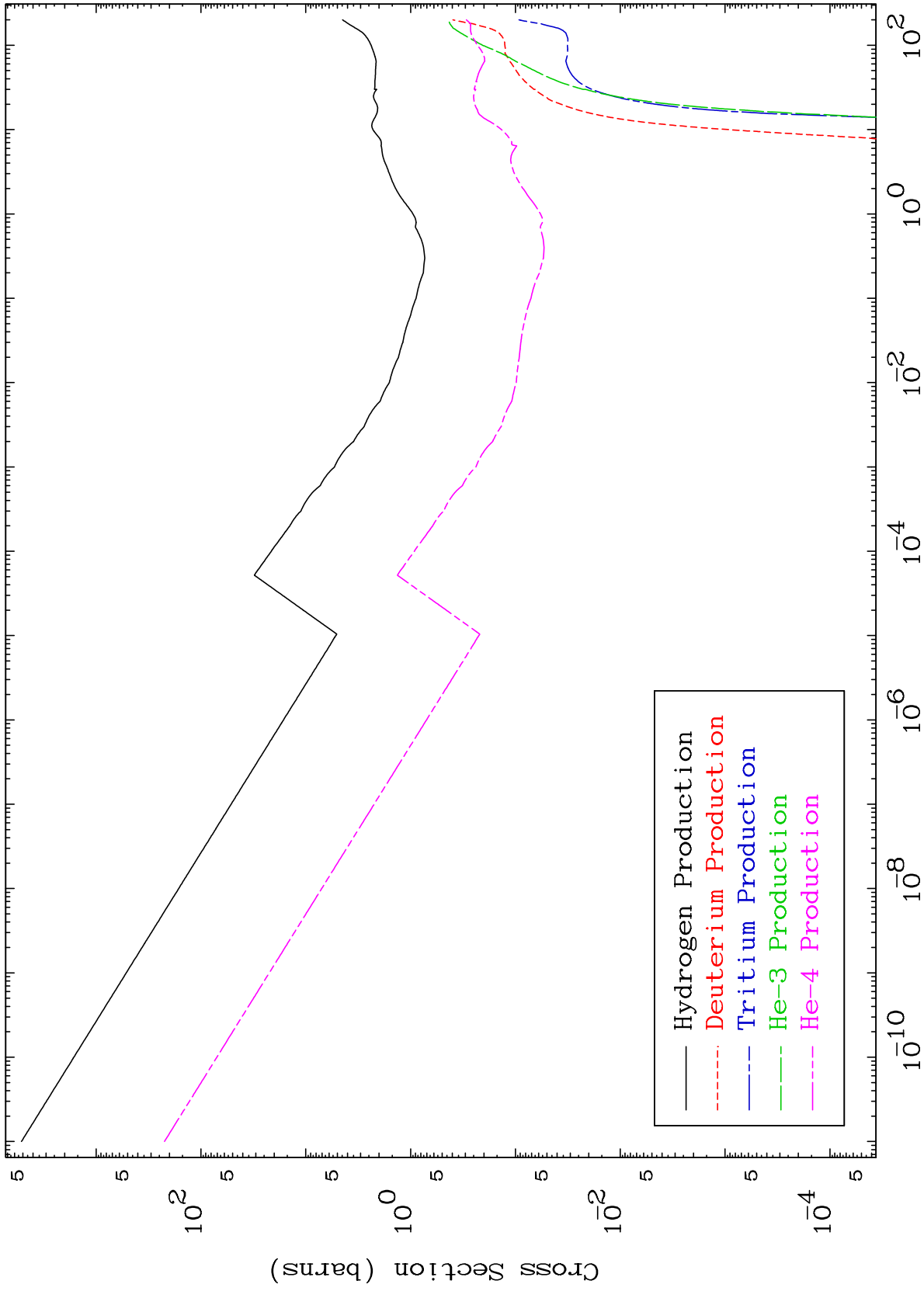
Incident Energy (MeV)

52-Te-112

MAT 5201

Particle Production
293 Kelvin Cross Sections

52-Te-112

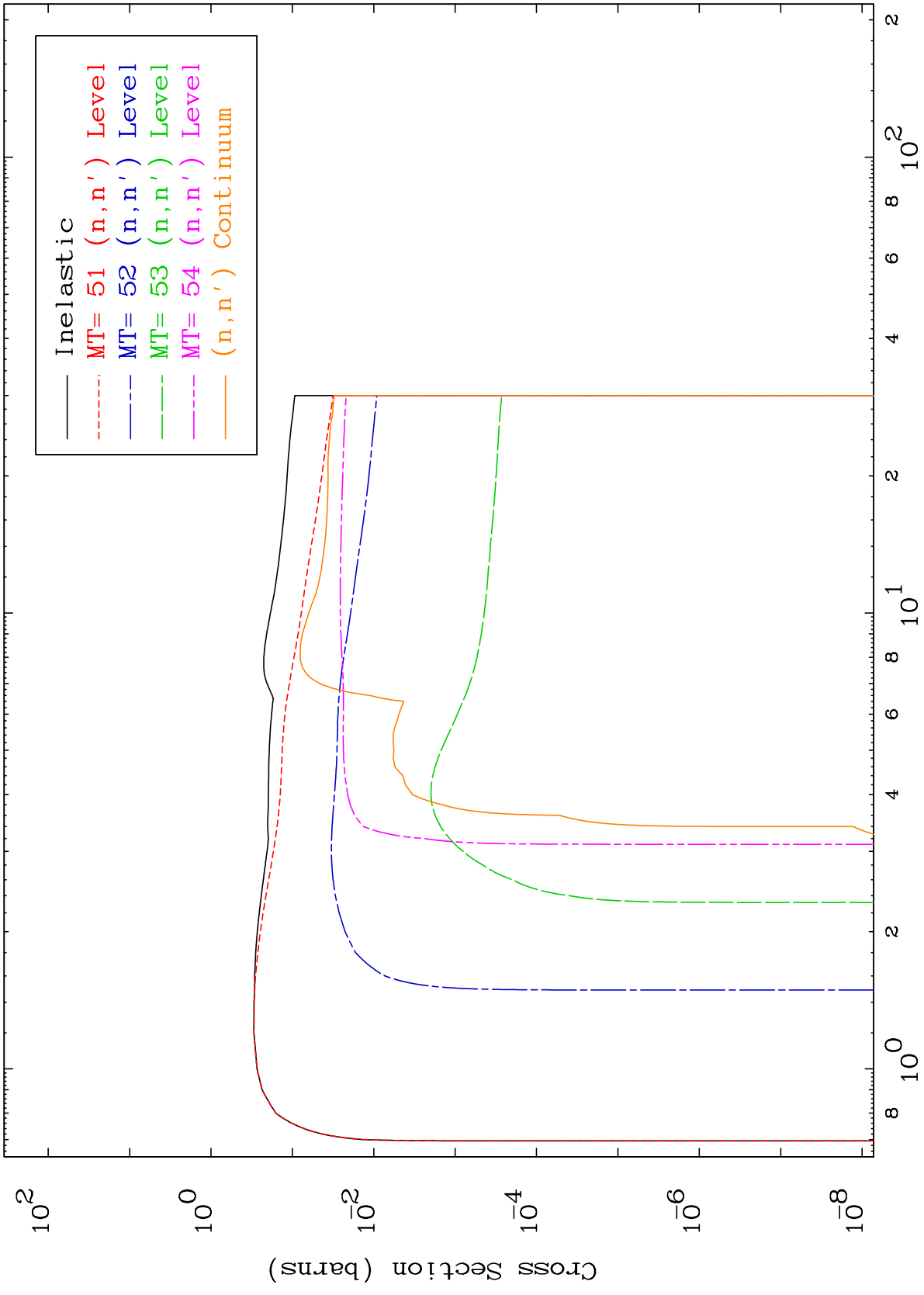


MAT 5201

(n,n') Level

52-Te-112

293 Kelvin Cross Sections



8

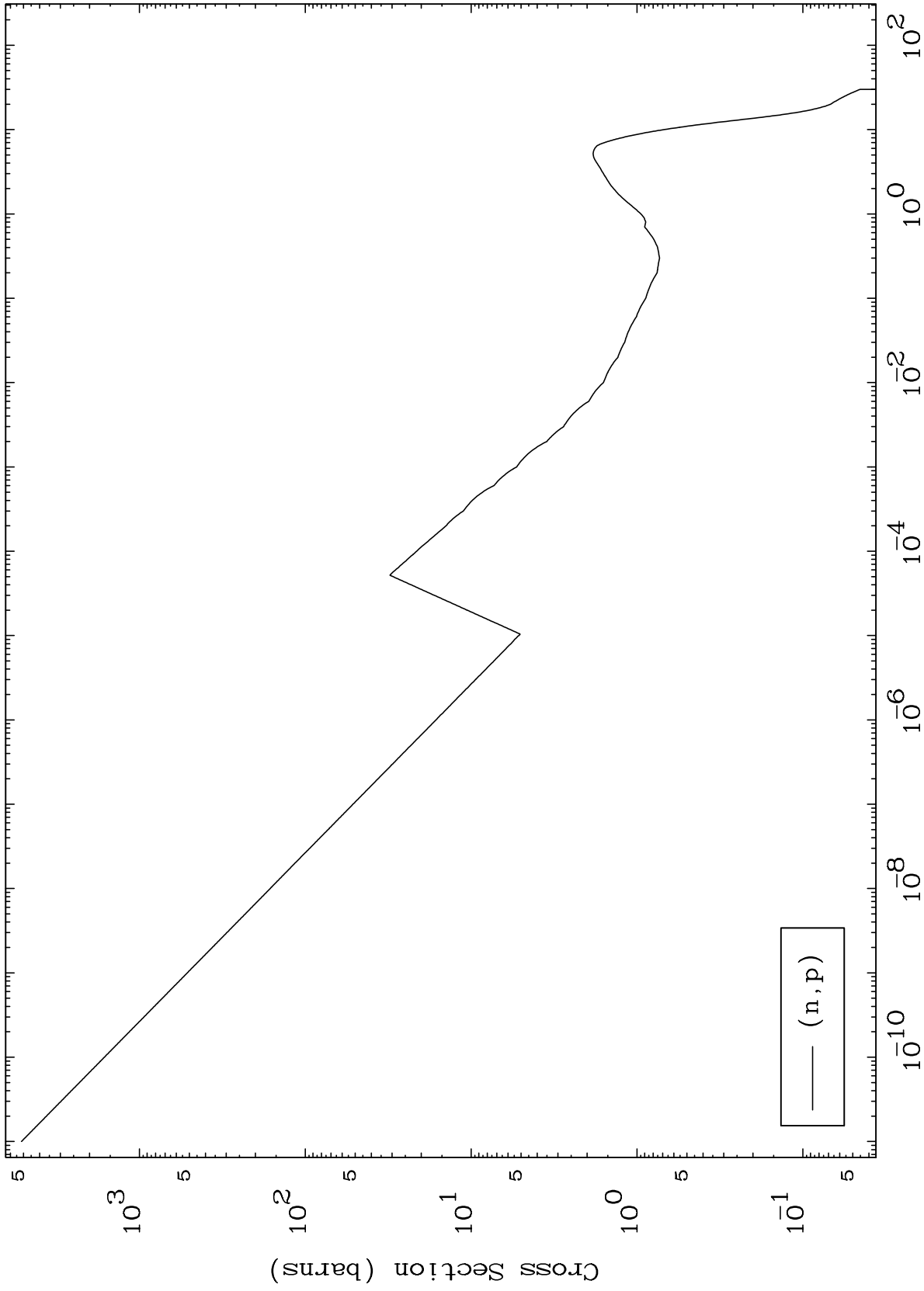
Incident Energy (MeV)

52-Te-112

MAT 5201

(n,p) Levels
293 Kelvin Cross Sections

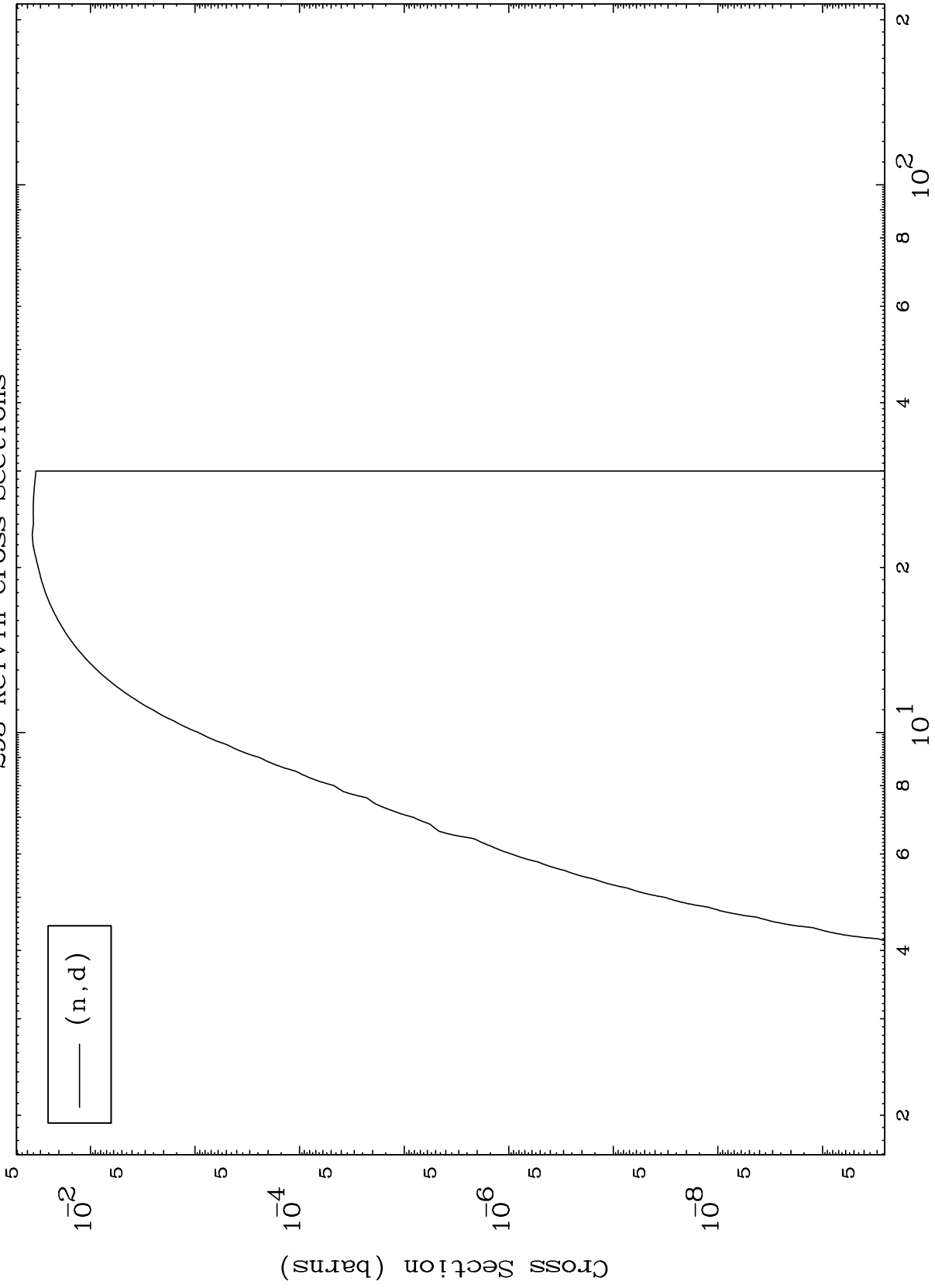
52-Te-112



MAT 5201

(n,d) Levels
293 Kelvin Cross Sections

52-Te-112



10

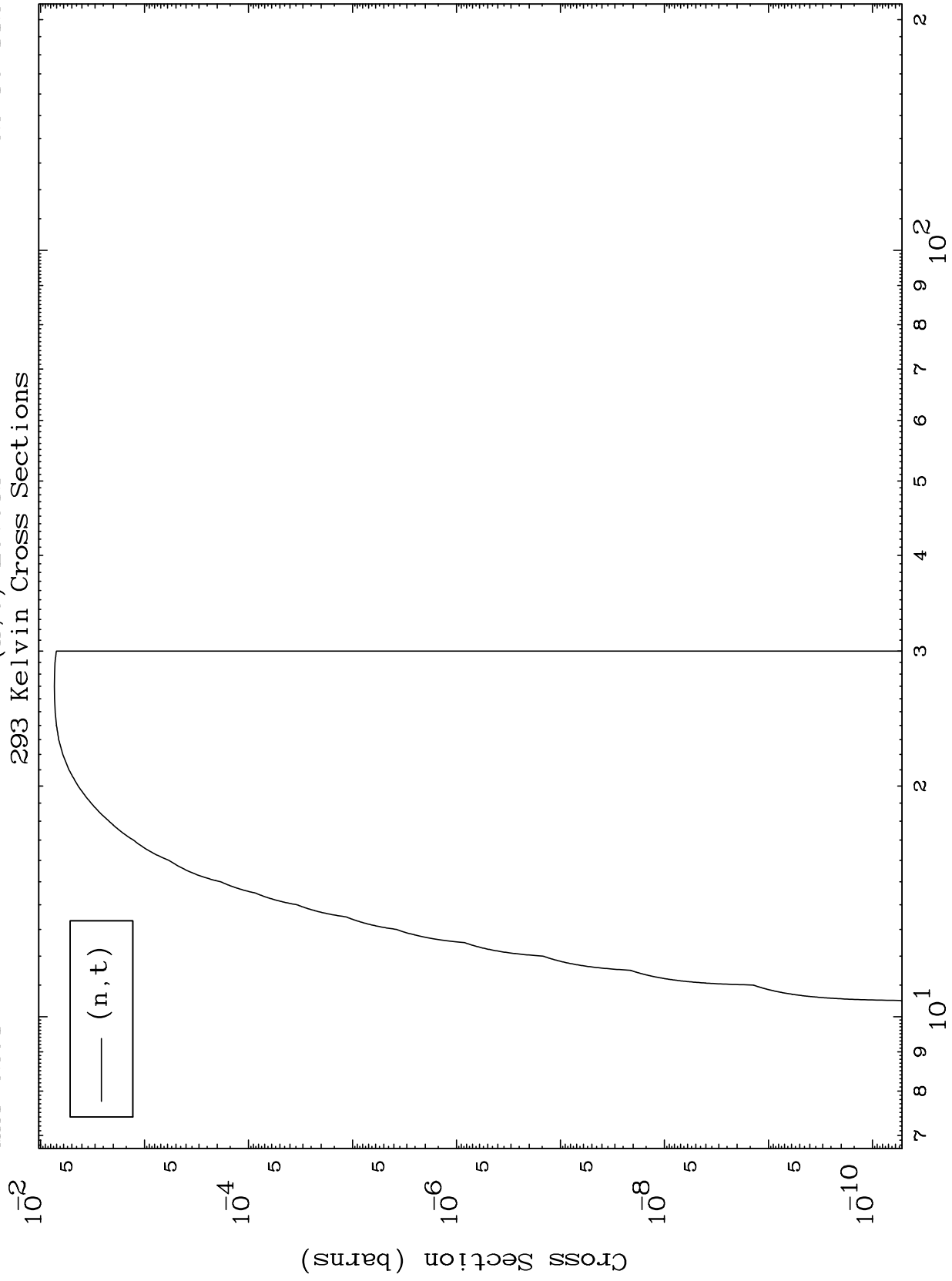
Incident Energy (MeV)

52-Te-112

MAT 5201

(n,t) Levels
293 Kelvin Cross Sections

52-Te-112



11

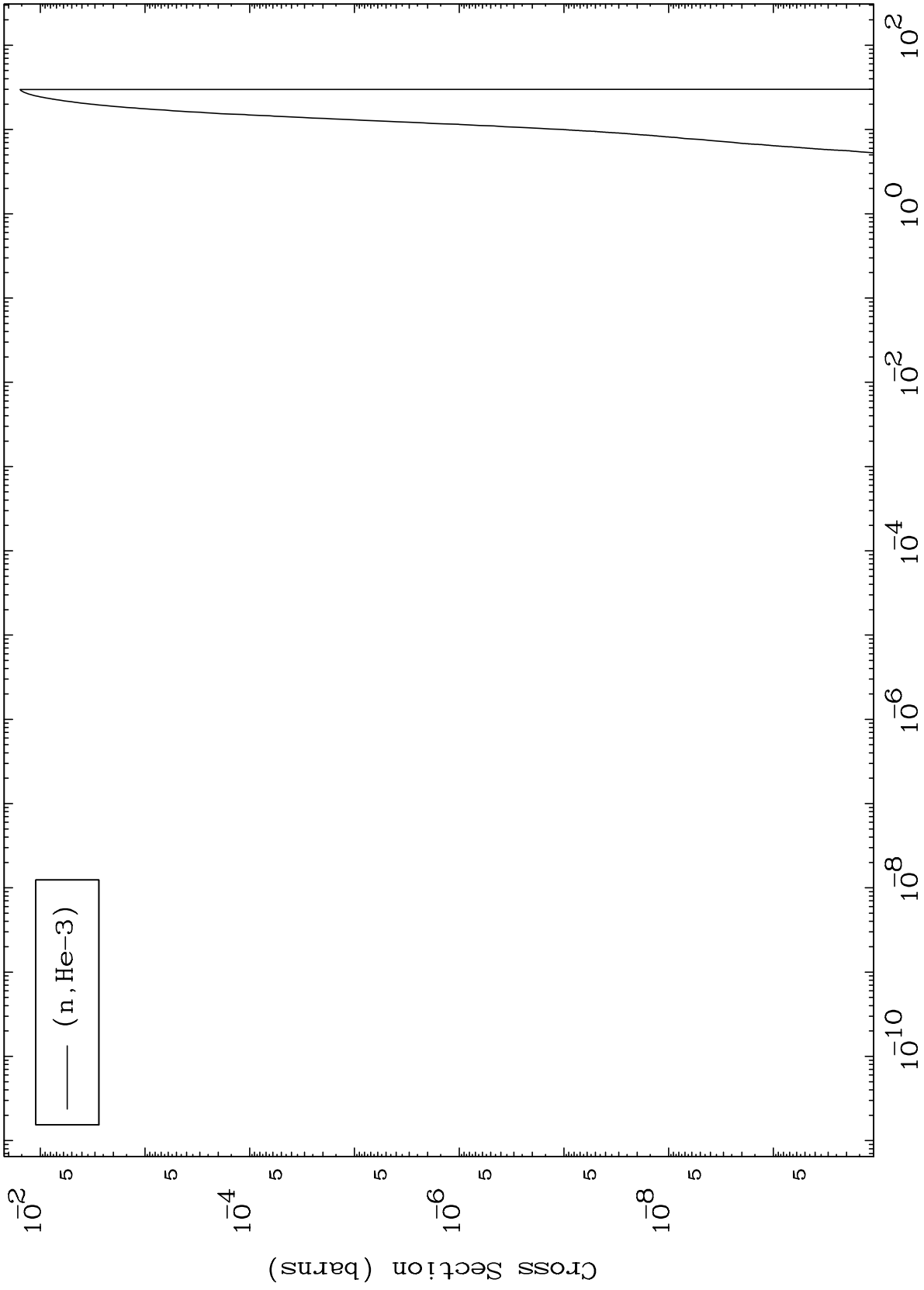
Incident Energy (MeV)

52-Te-112

MAT 5201

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-112



12

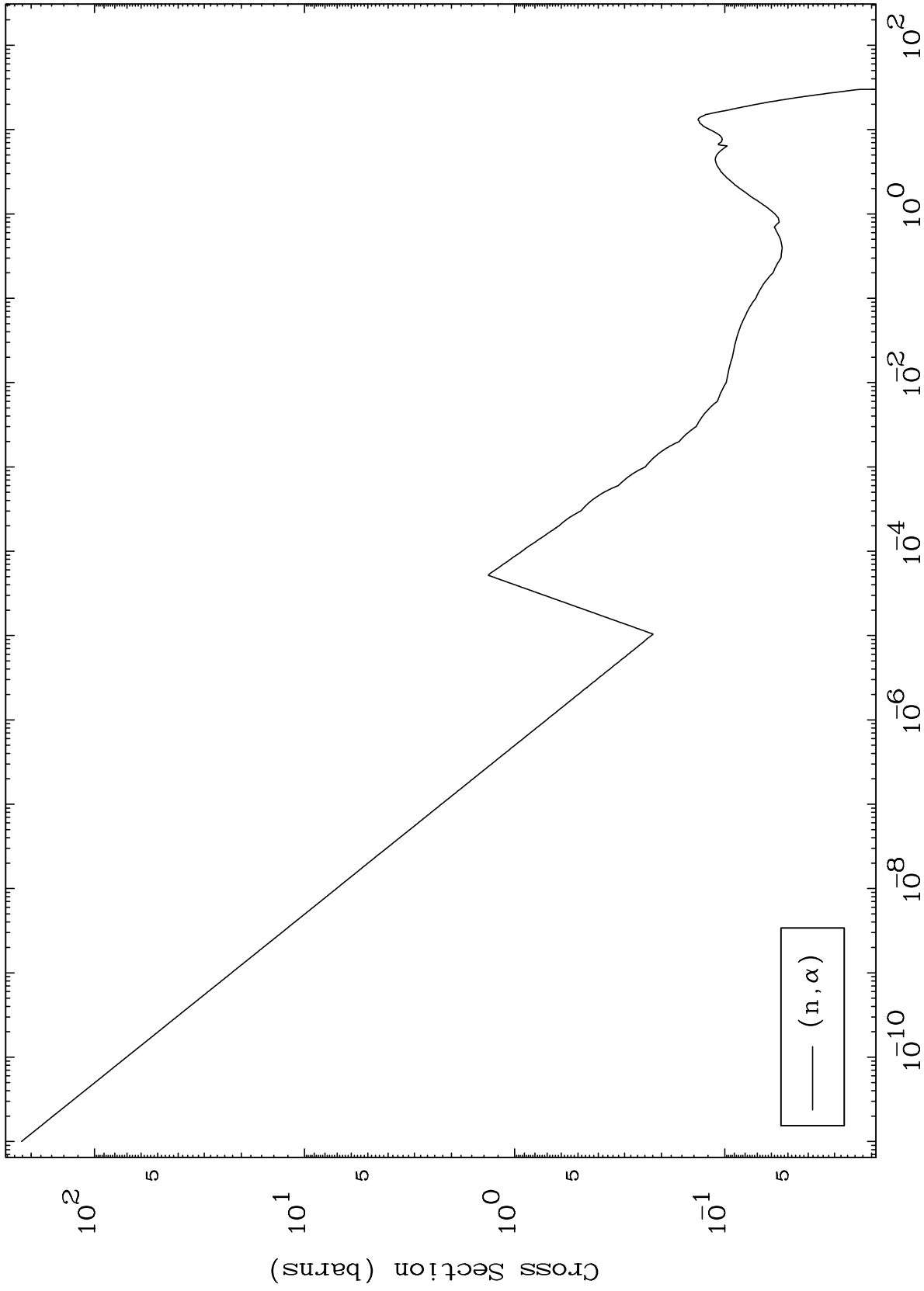
Incident Energy (MeV)

52-Te-112

MAT 5201

(n,α) Levels
293 Kelvin Cross Sections

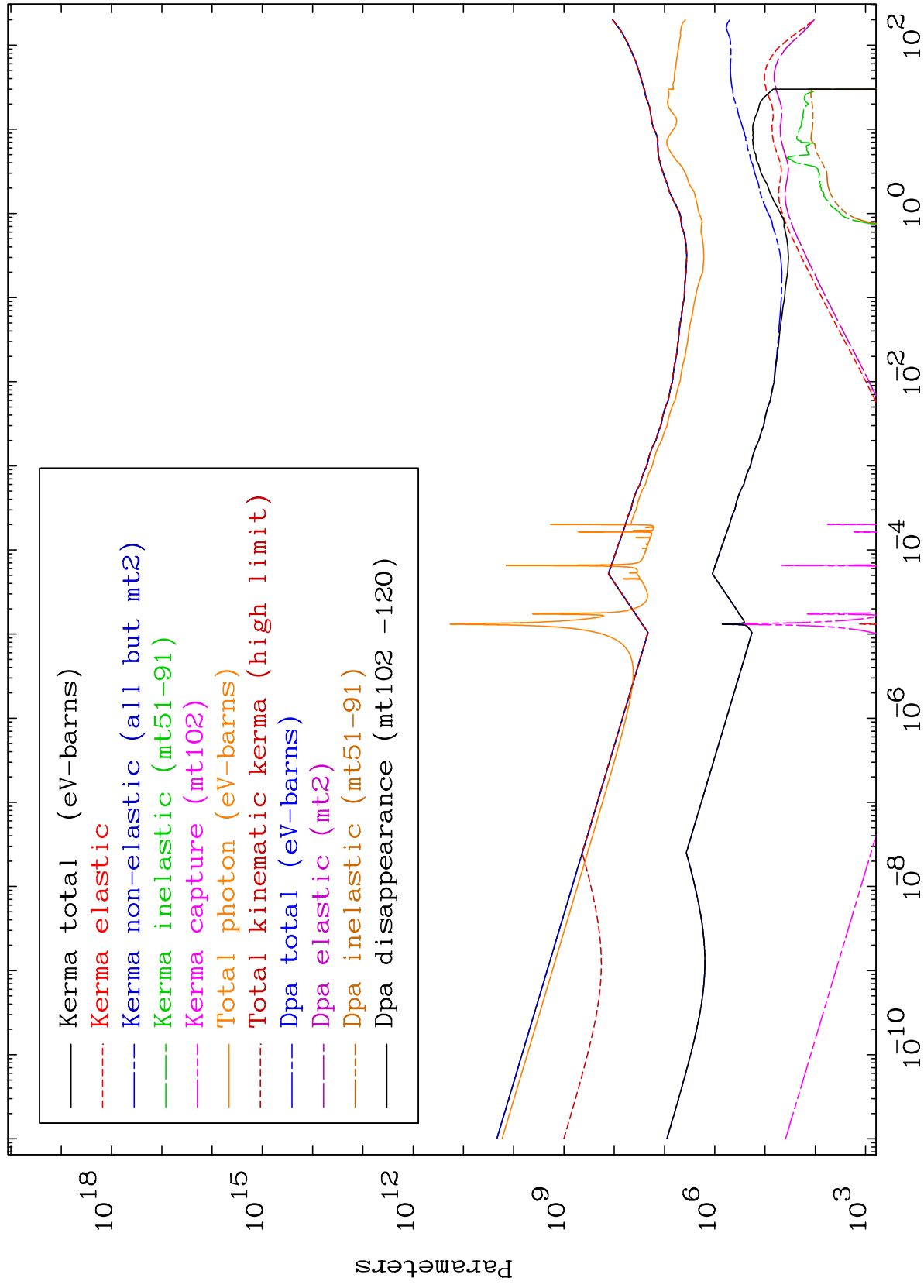
52-Te-112



13

Incident Energy (MeV)

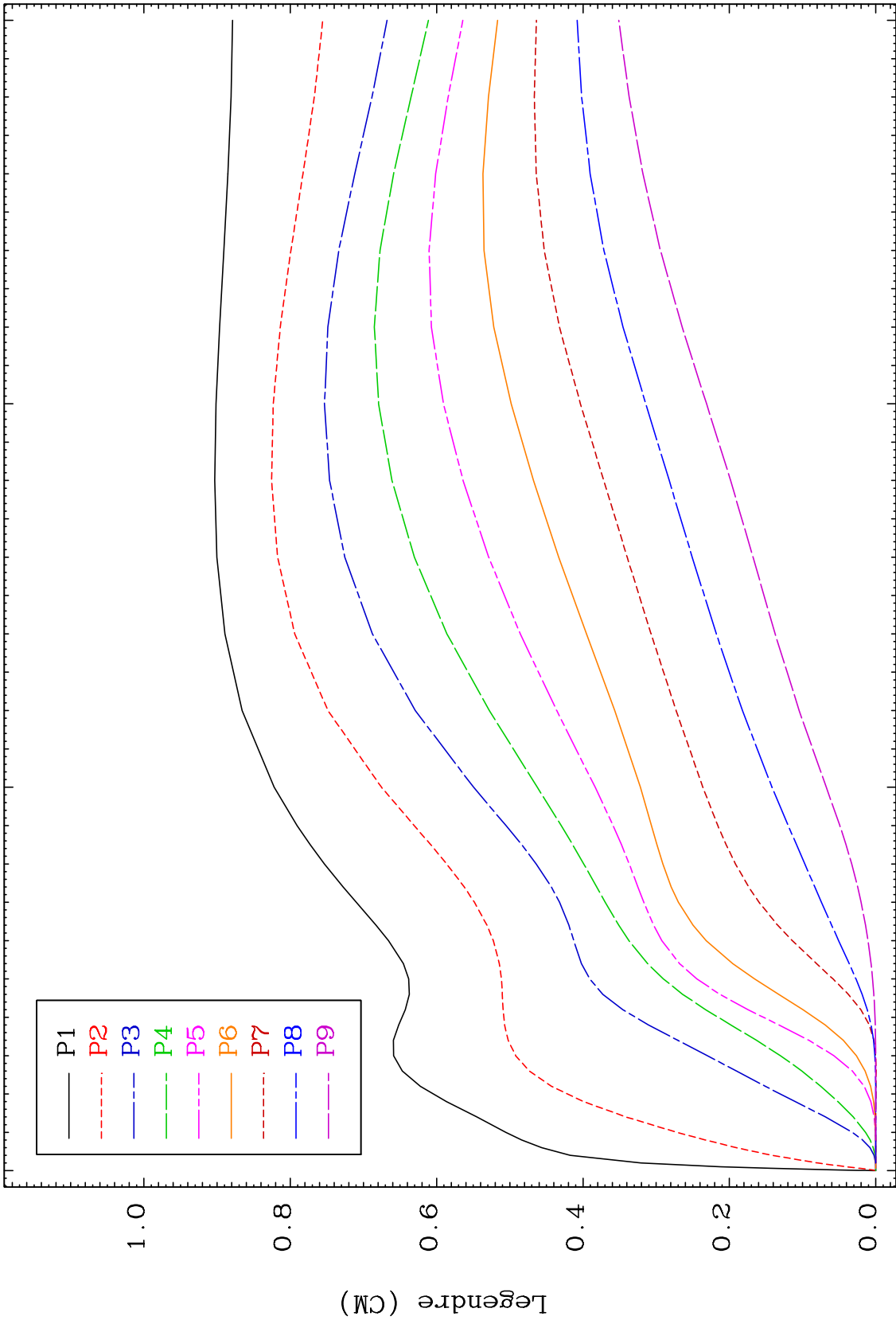
52-Te-112



MAT 5201

Elastic Legendre Coefficients

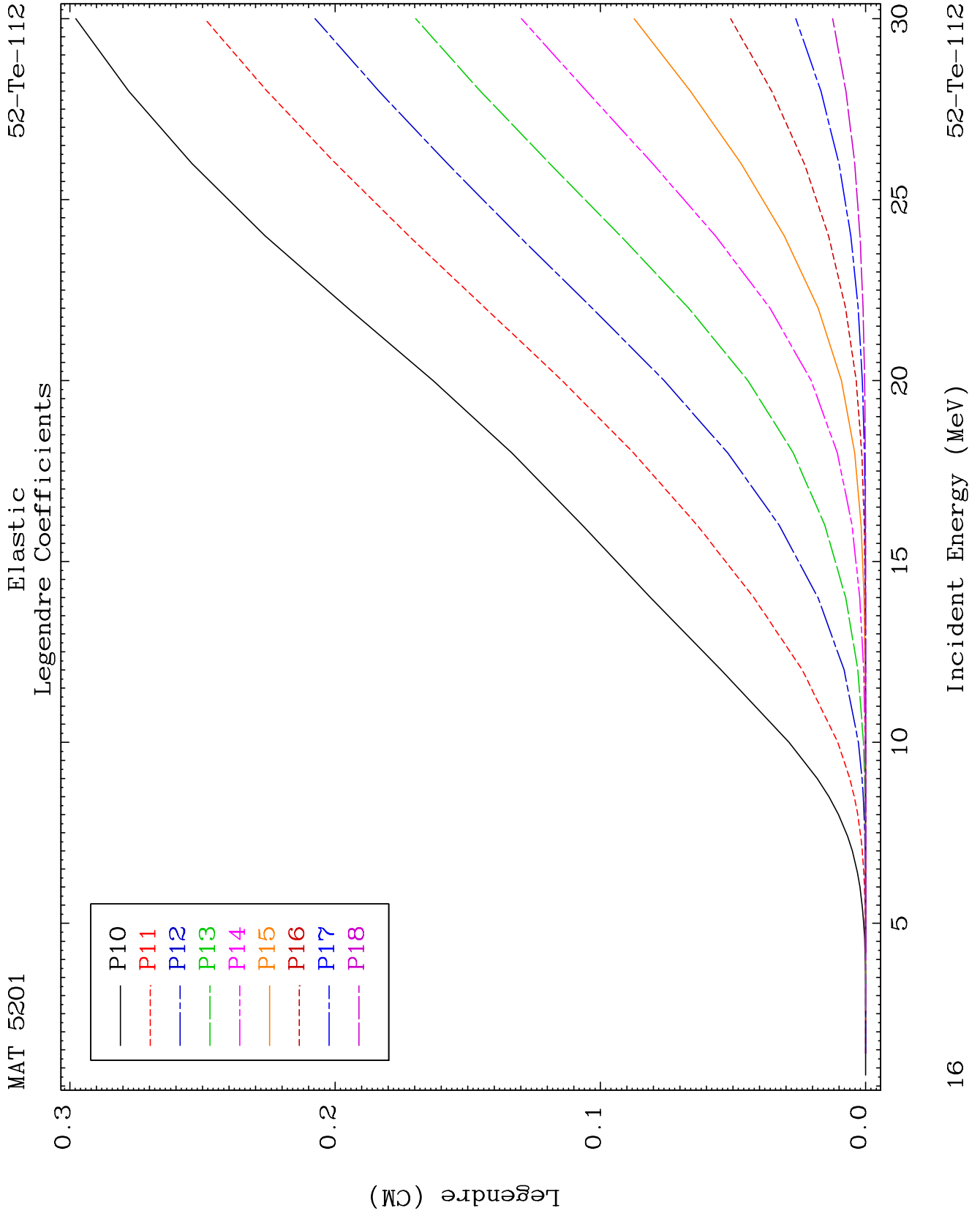
52-Te-112



15

Incident Energy (MeV)

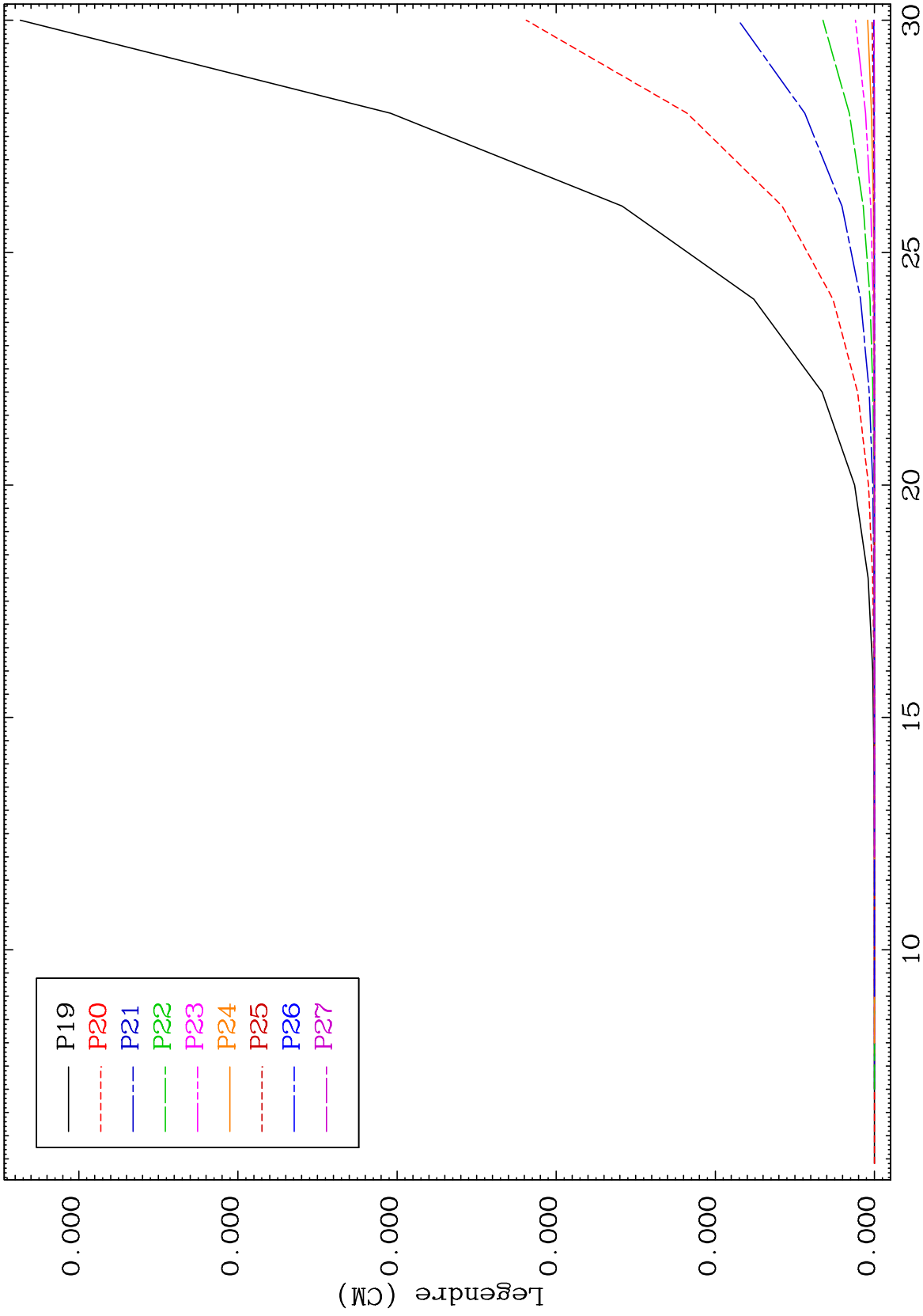
52-Te-112



MAT 5201

Elastic Legendre Coefficients

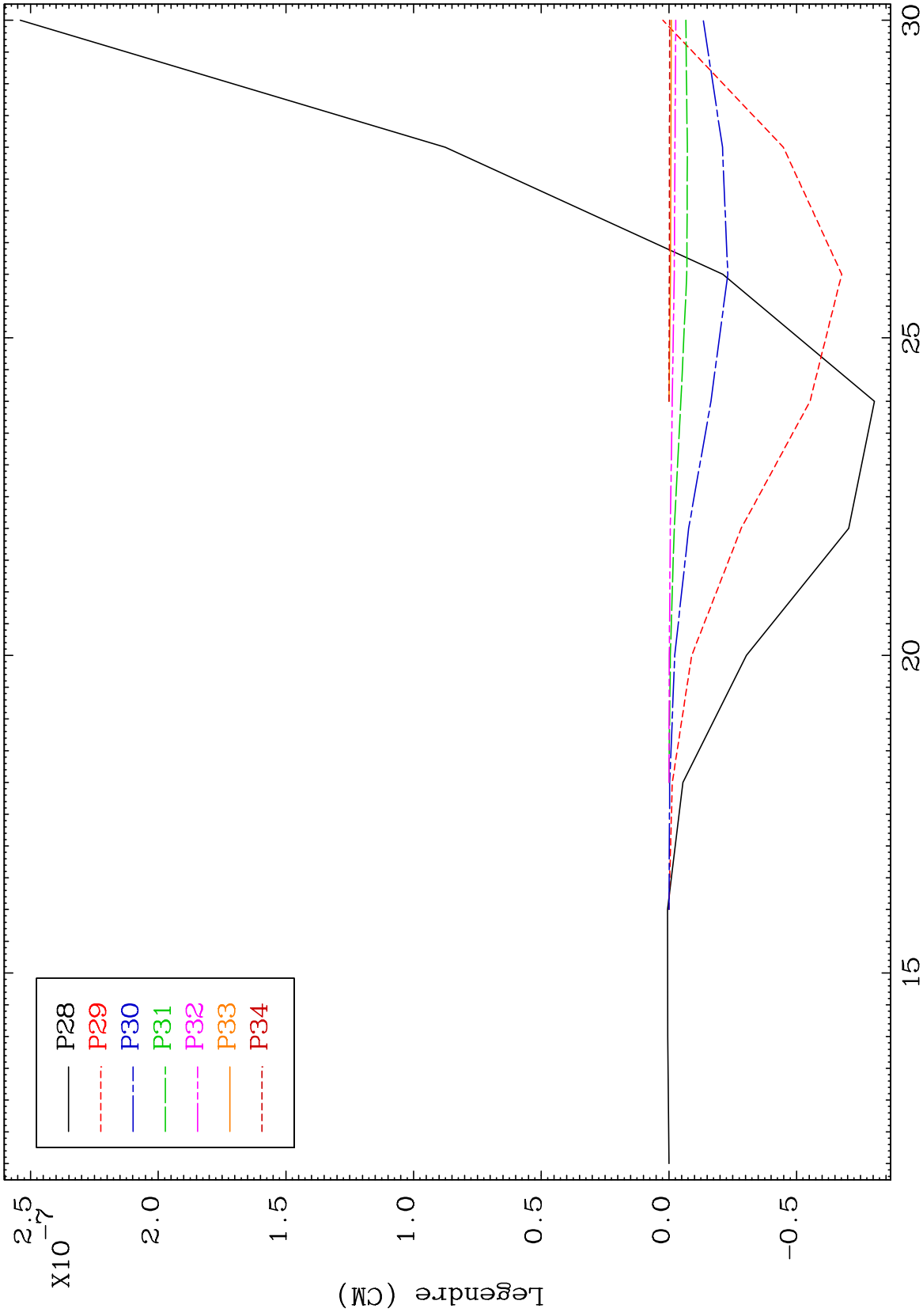
52-Te-112



MAT 5201

Elastic Legendre Coefficients

52-Te-112

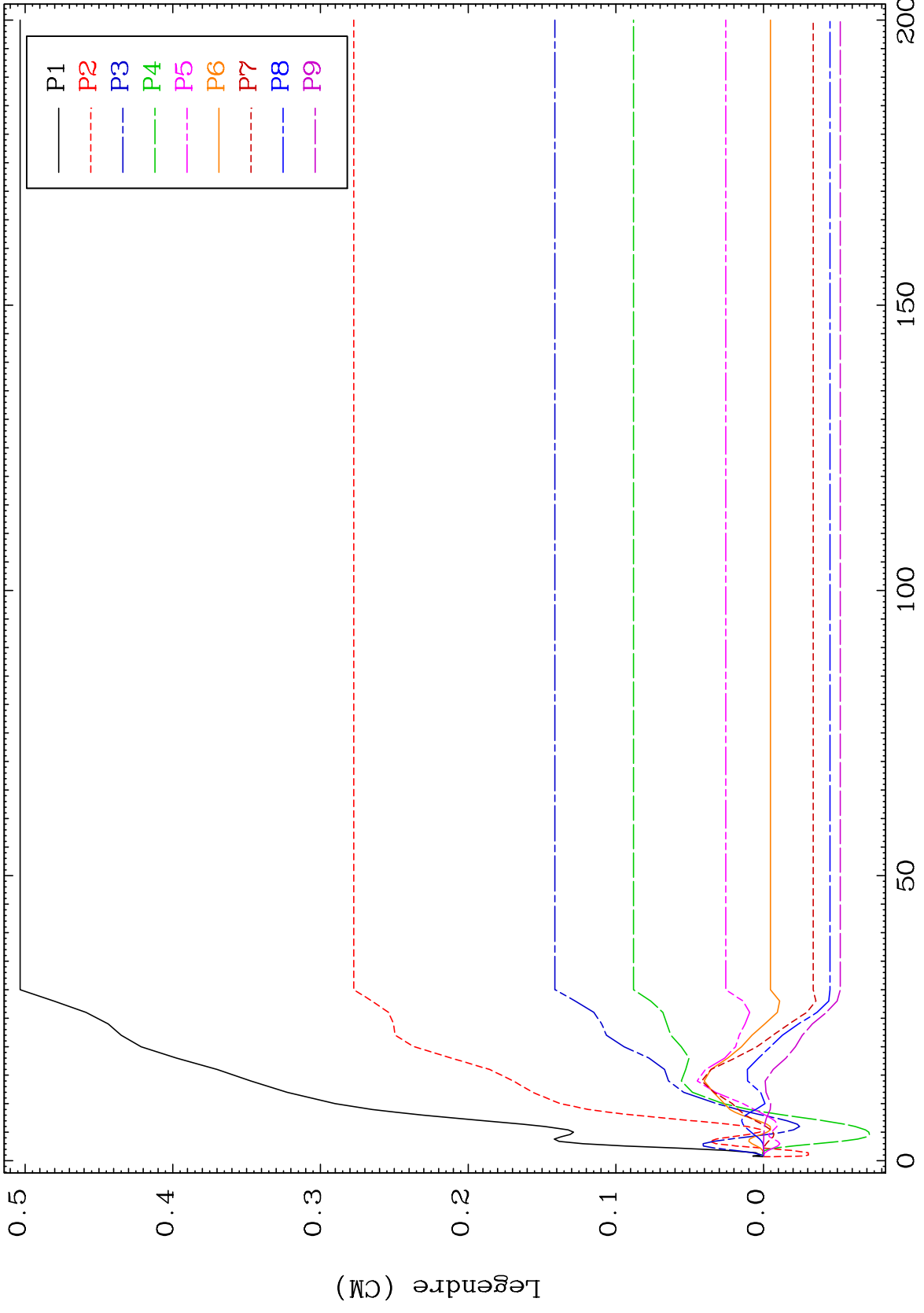


18

Incident Energy (MeV)

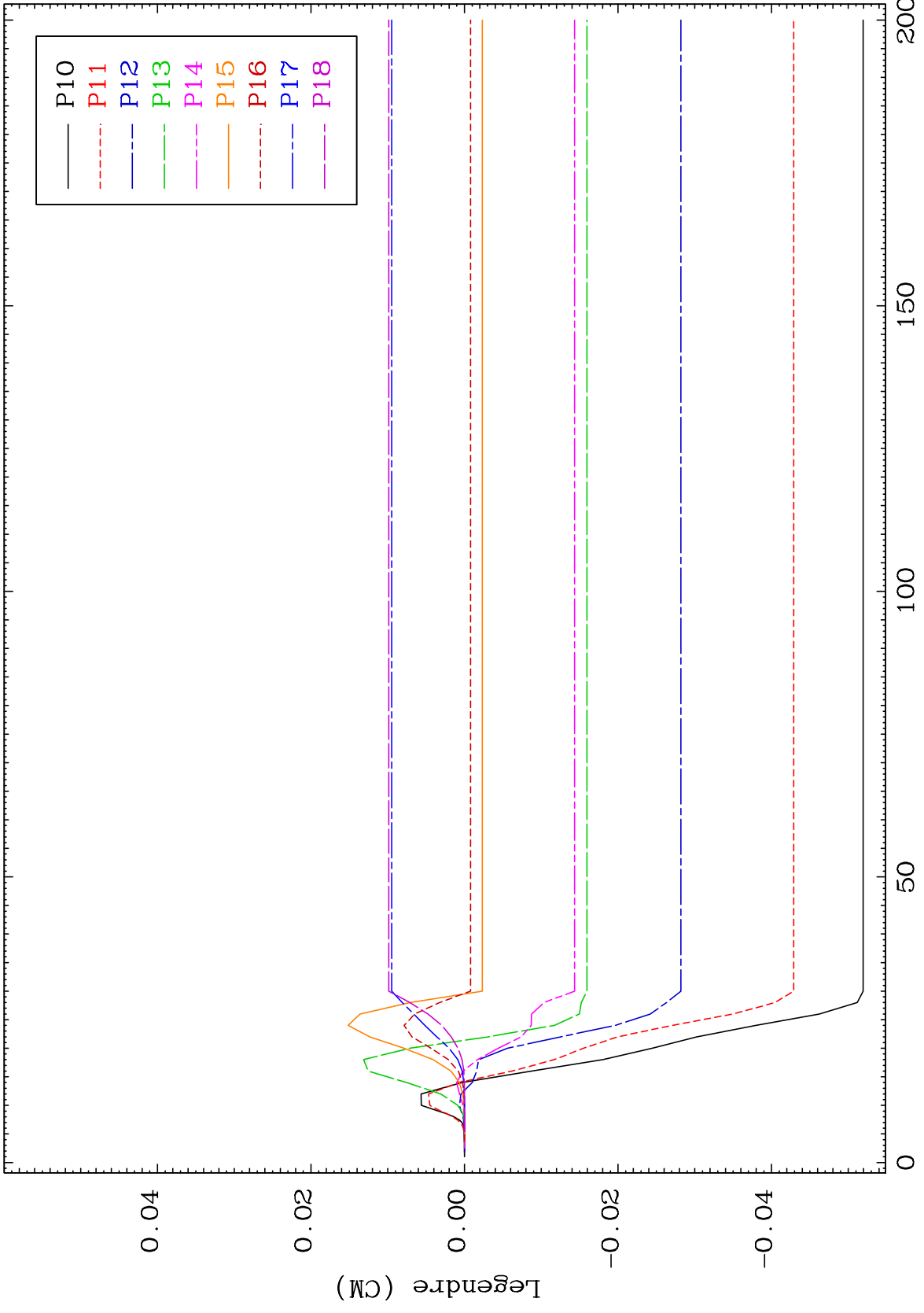
52-Te-112

MAT 5201 MT= 51 (n,n') Level Legendre Coefficients 52-Te-112



19 52-Te-112

MAT 5201 MT= 51 (n,n') Level Legendre Coefficients 52-Te-112

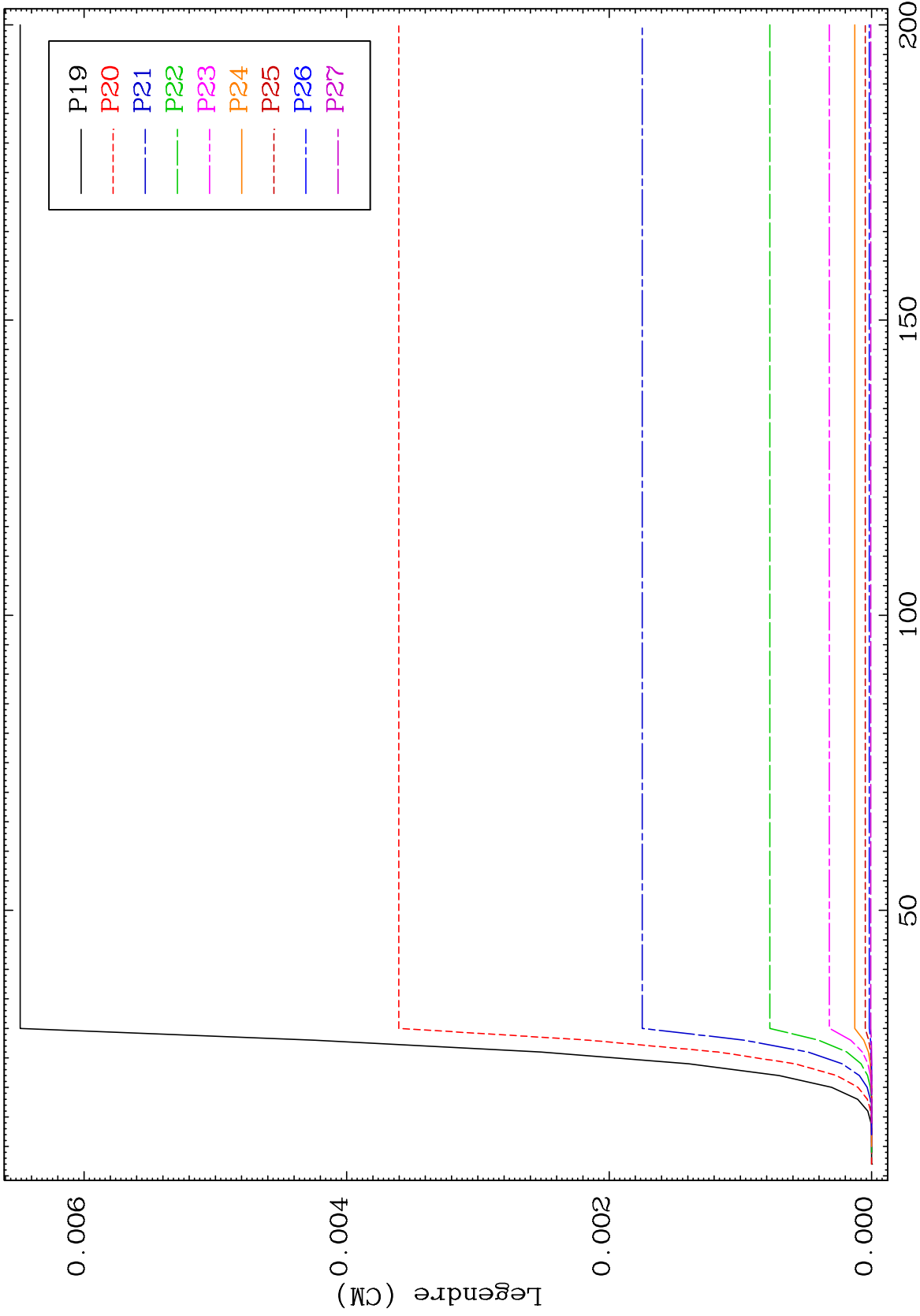


52-Te-112

MAT 5201

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

52-Te-112



21

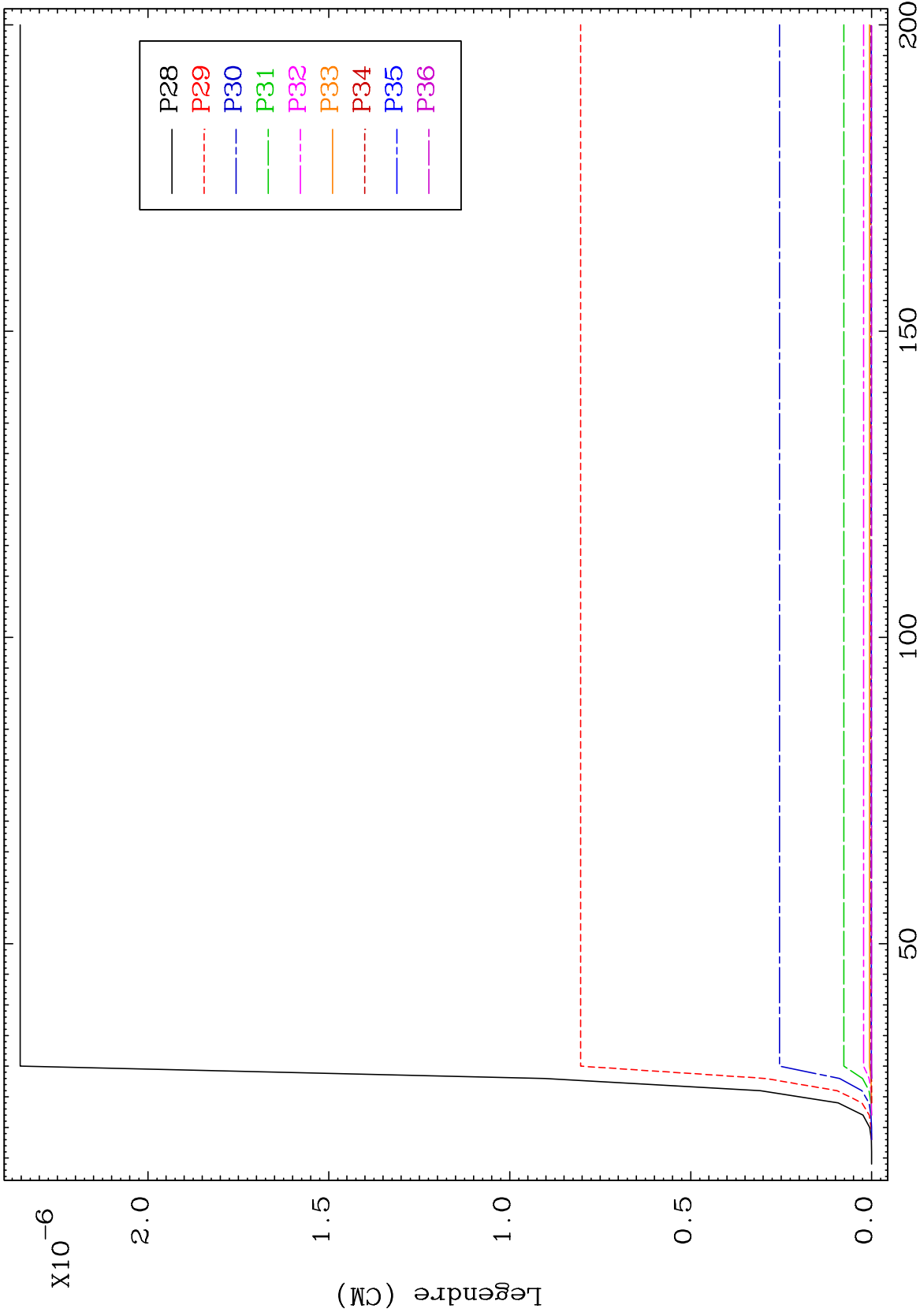
Incident Energy (MeV)

52-Te-112

MAT 5201

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

52-Te-112

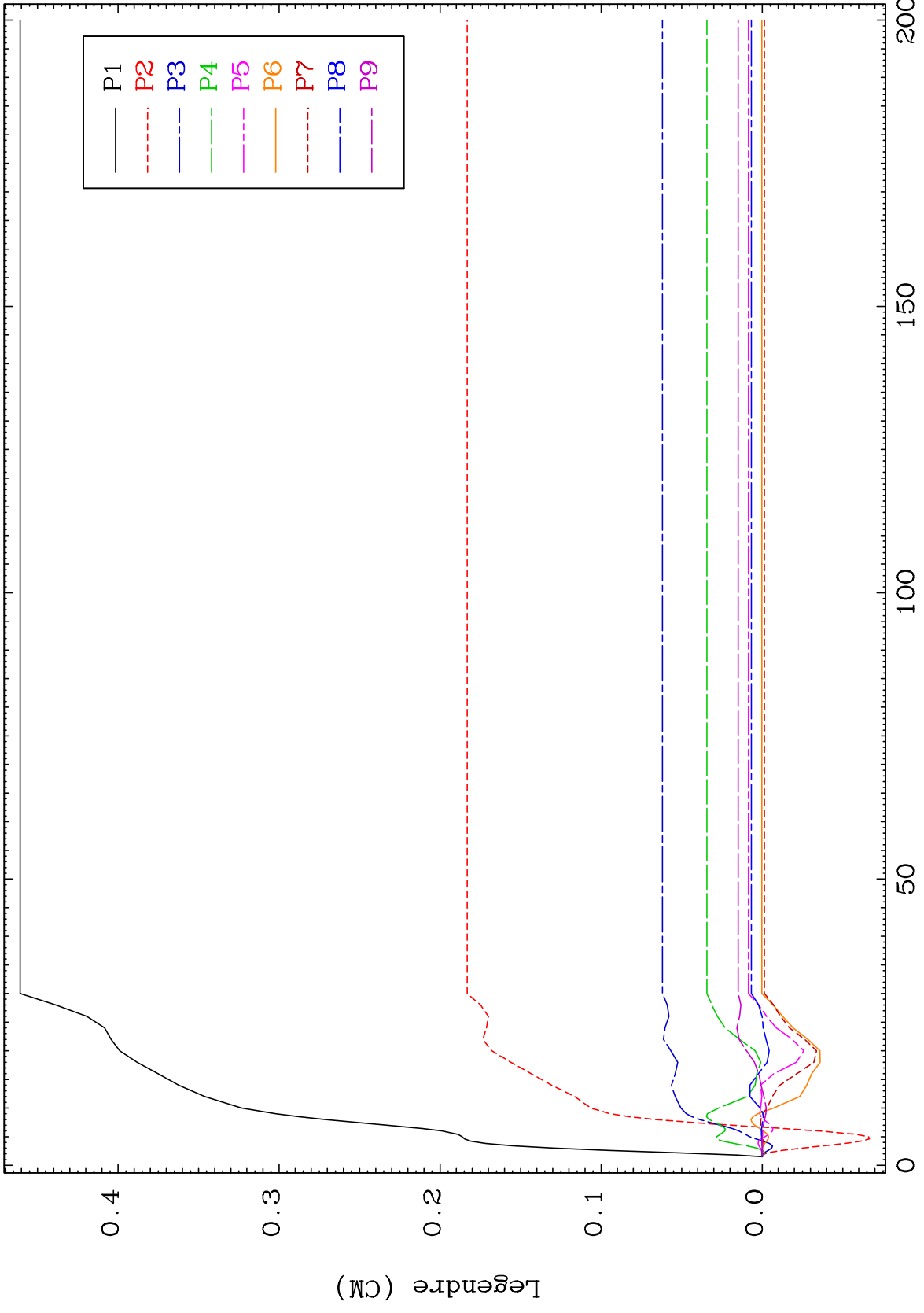


22

Incident Energy (MeV)

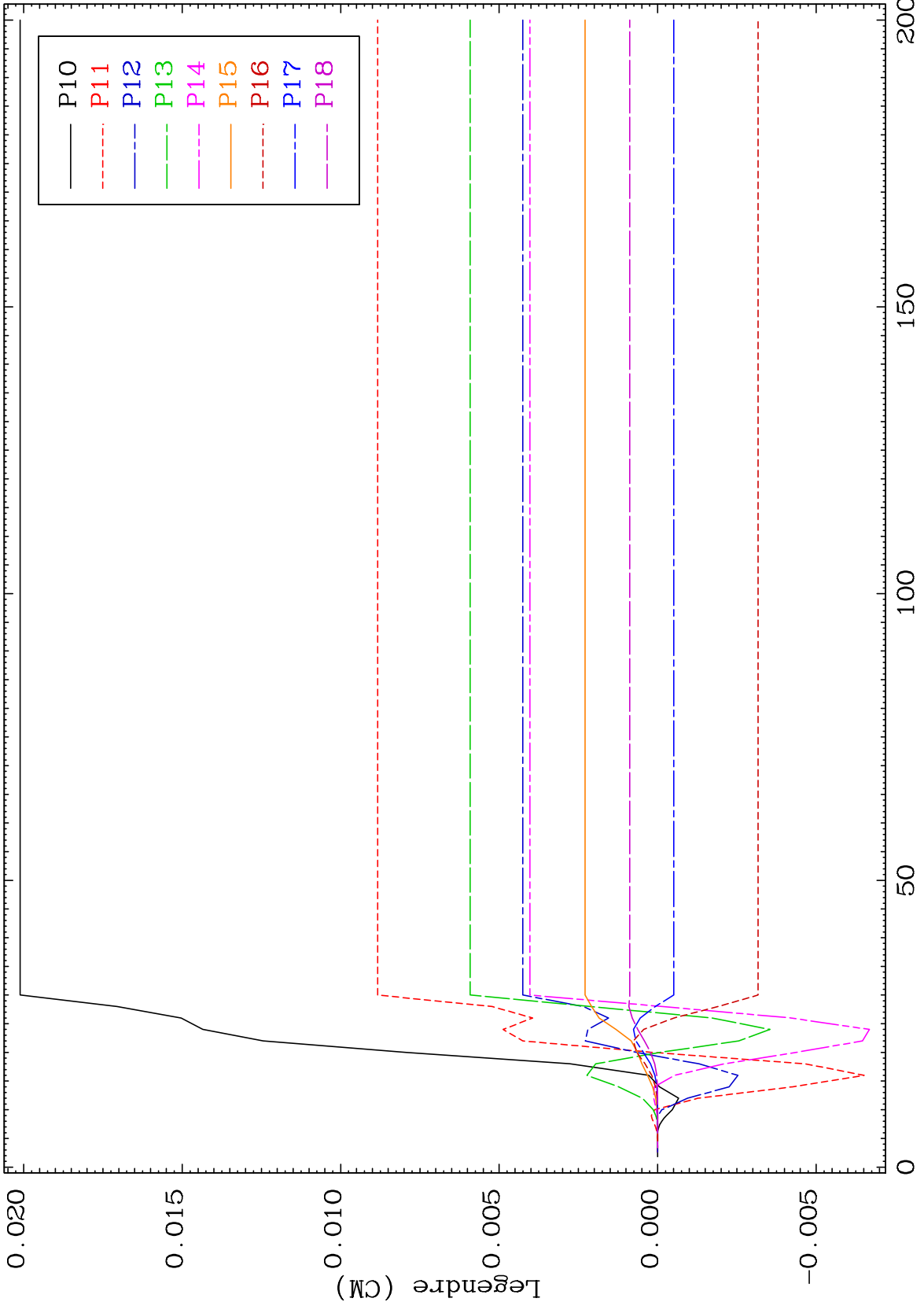
52-Te-112

MAT 5201 MT= 52 (n,n') Level Legendre Coefficients 52-Te-112



23 52-Te-112

MAT 5201 MT= 52 (n, n') Level Legendre Coefficients 52-Te-112

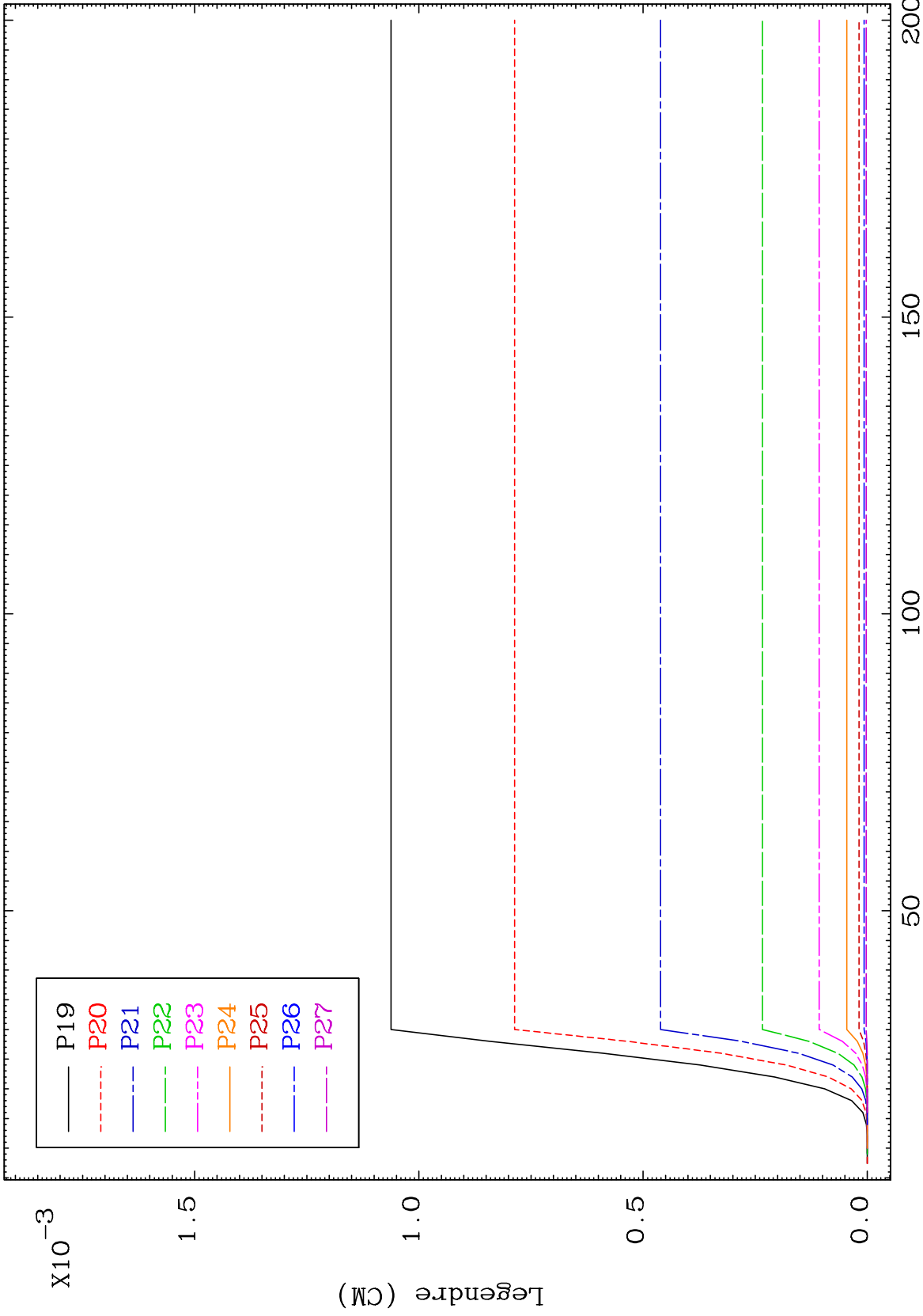


24 52-Te-112

MAT 5201

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

52-Te-112



25

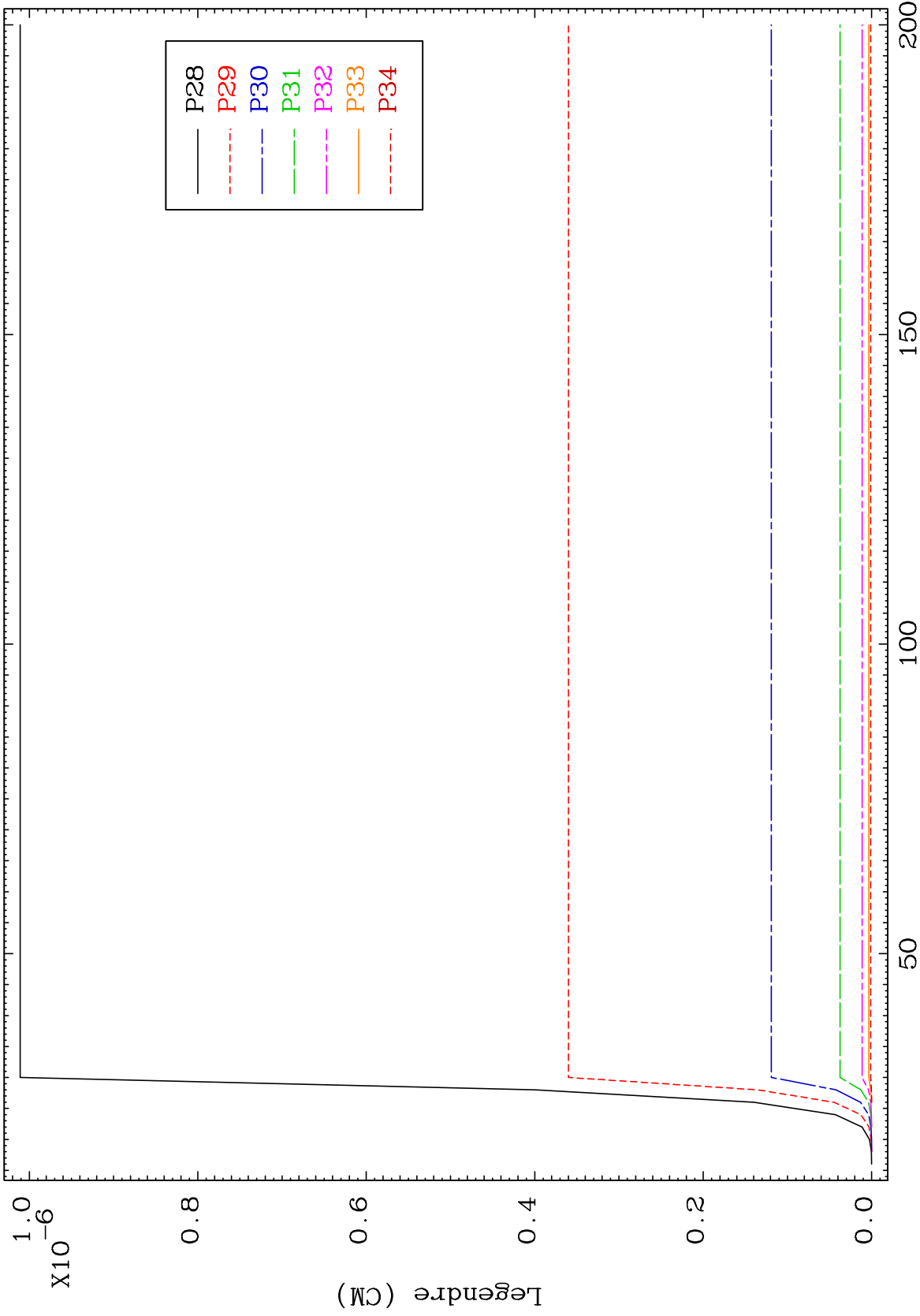
Incident Energy (MeV)

52-Te-112

MAT 5201

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

52-Te-112



26

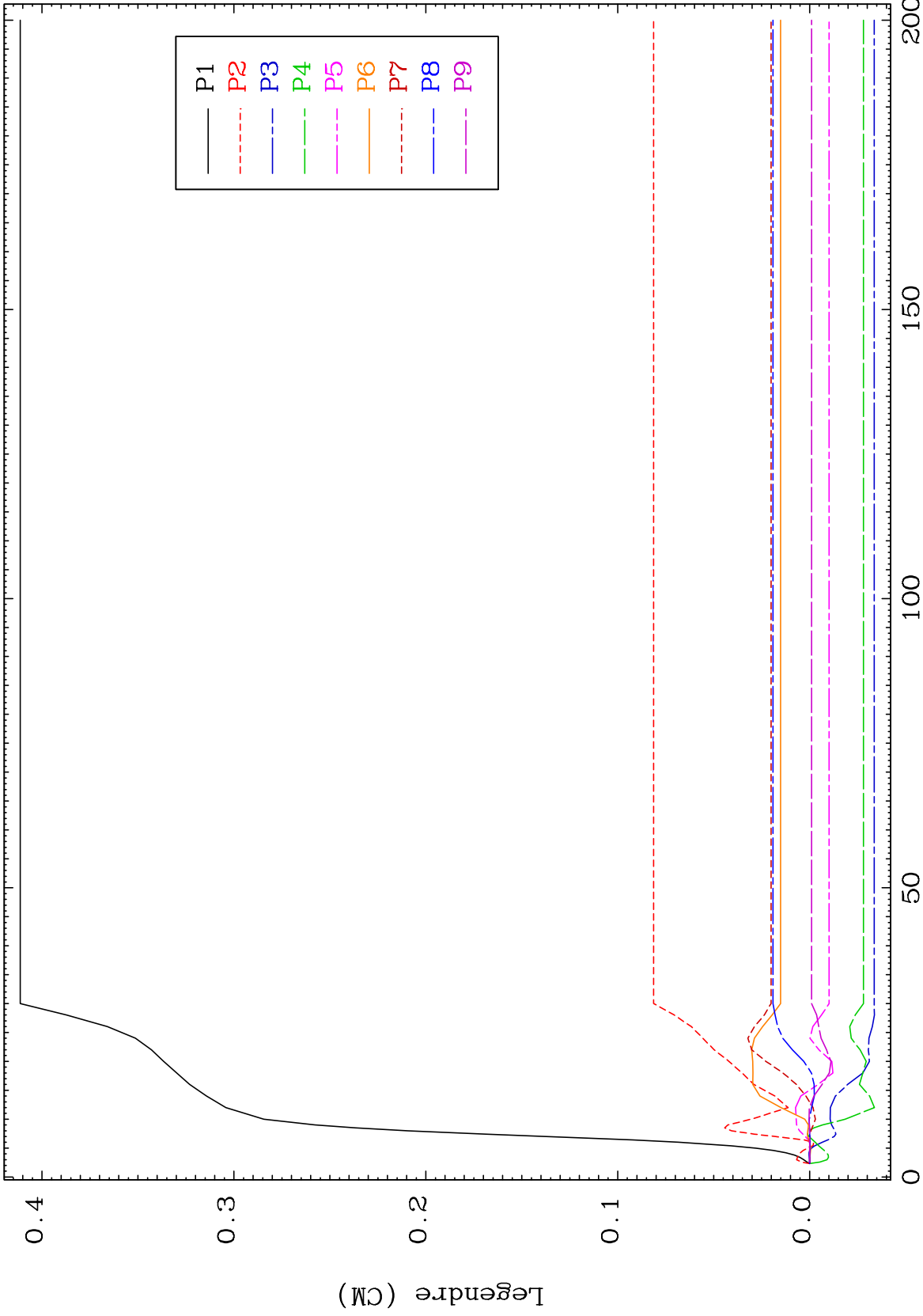
52-Te-112

52-Te-112

MAT 5201

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

52-Te-112



27

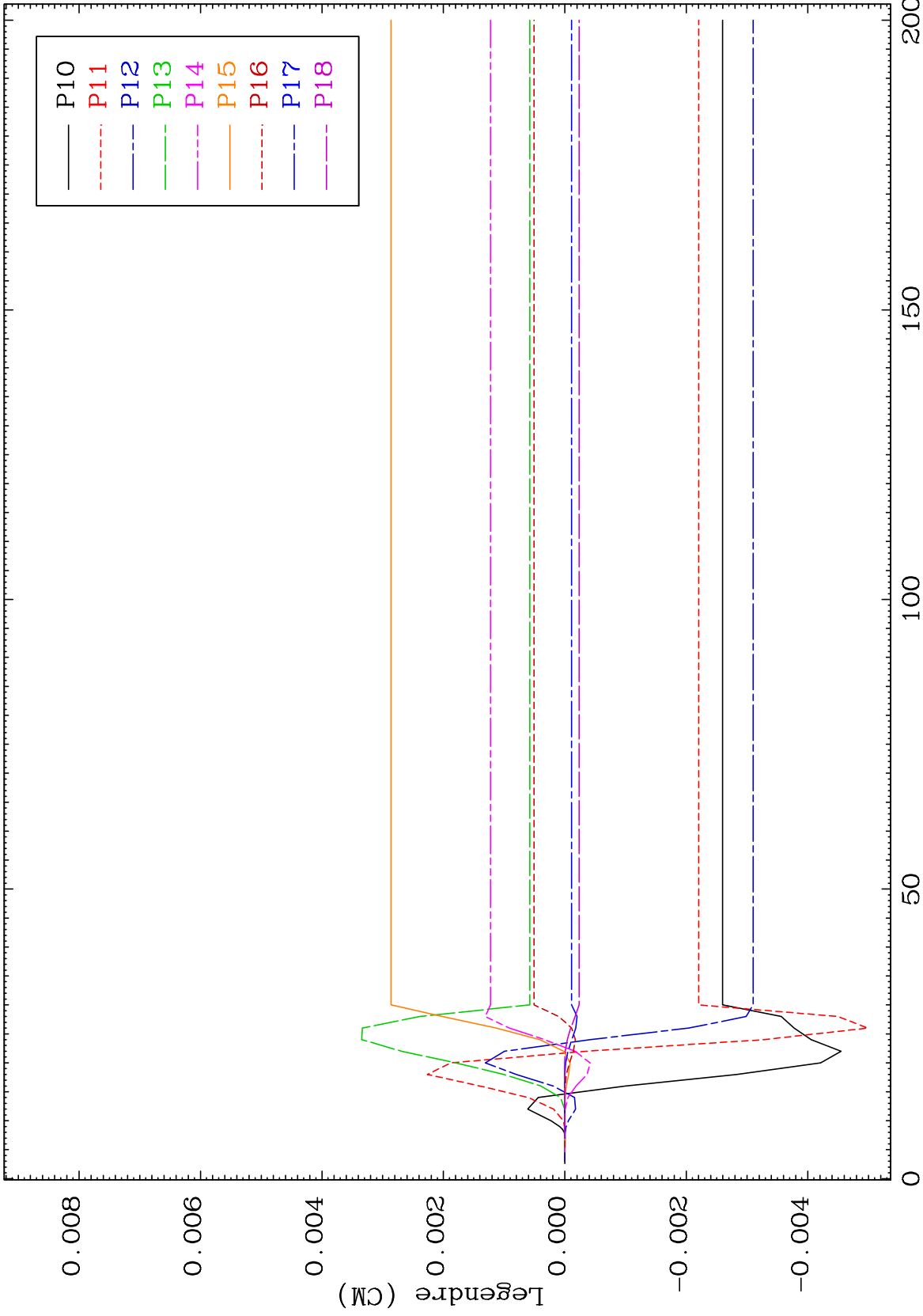
Incident Energy (MeV)

52-Te-112

MAT 5201

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

52-Te-112



28

Incident Energy (MeV)

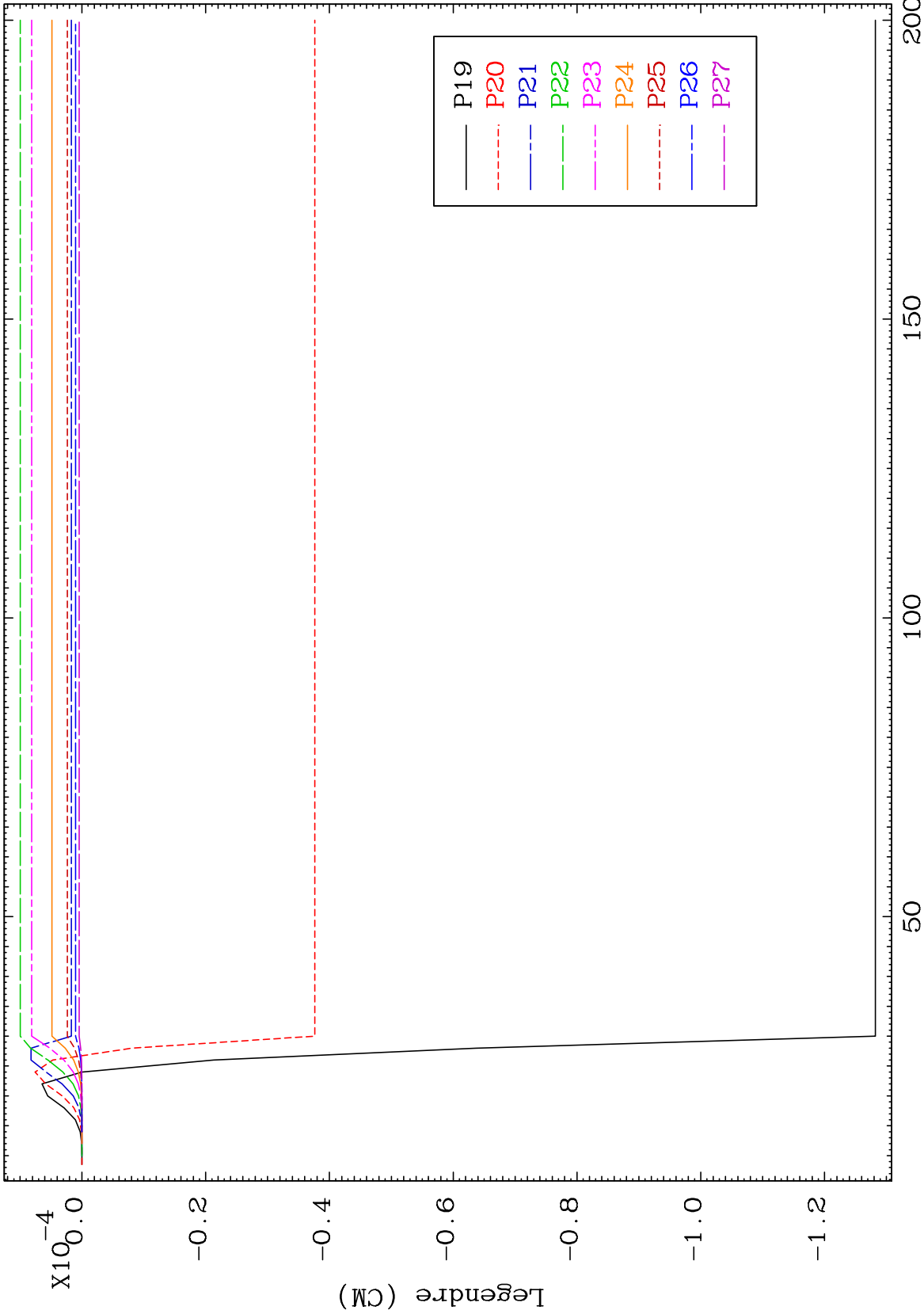
52-Te-112

MAT 5201

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

52-Te-112

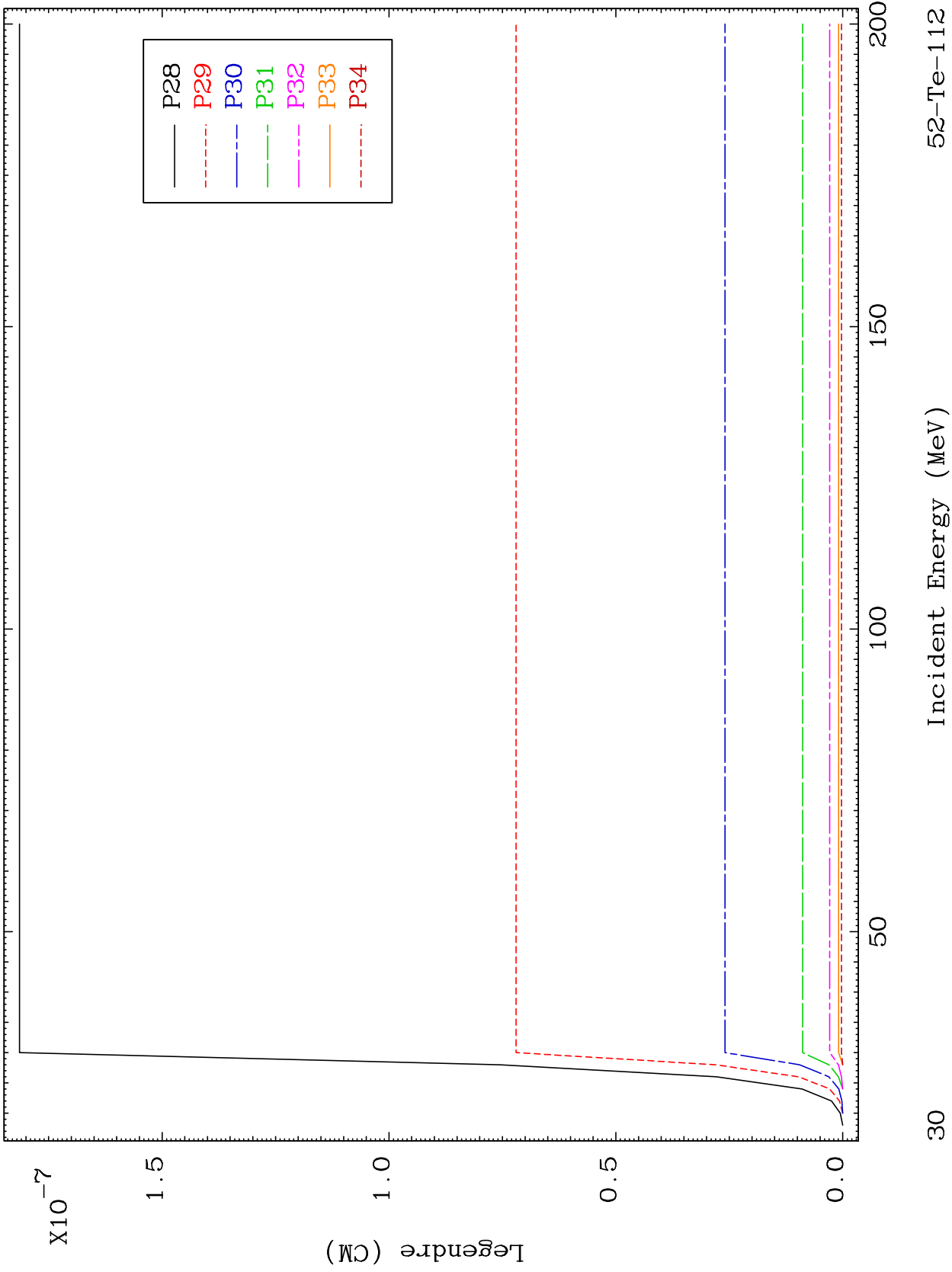
Incident Energy (MeV)



MAT 5201

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

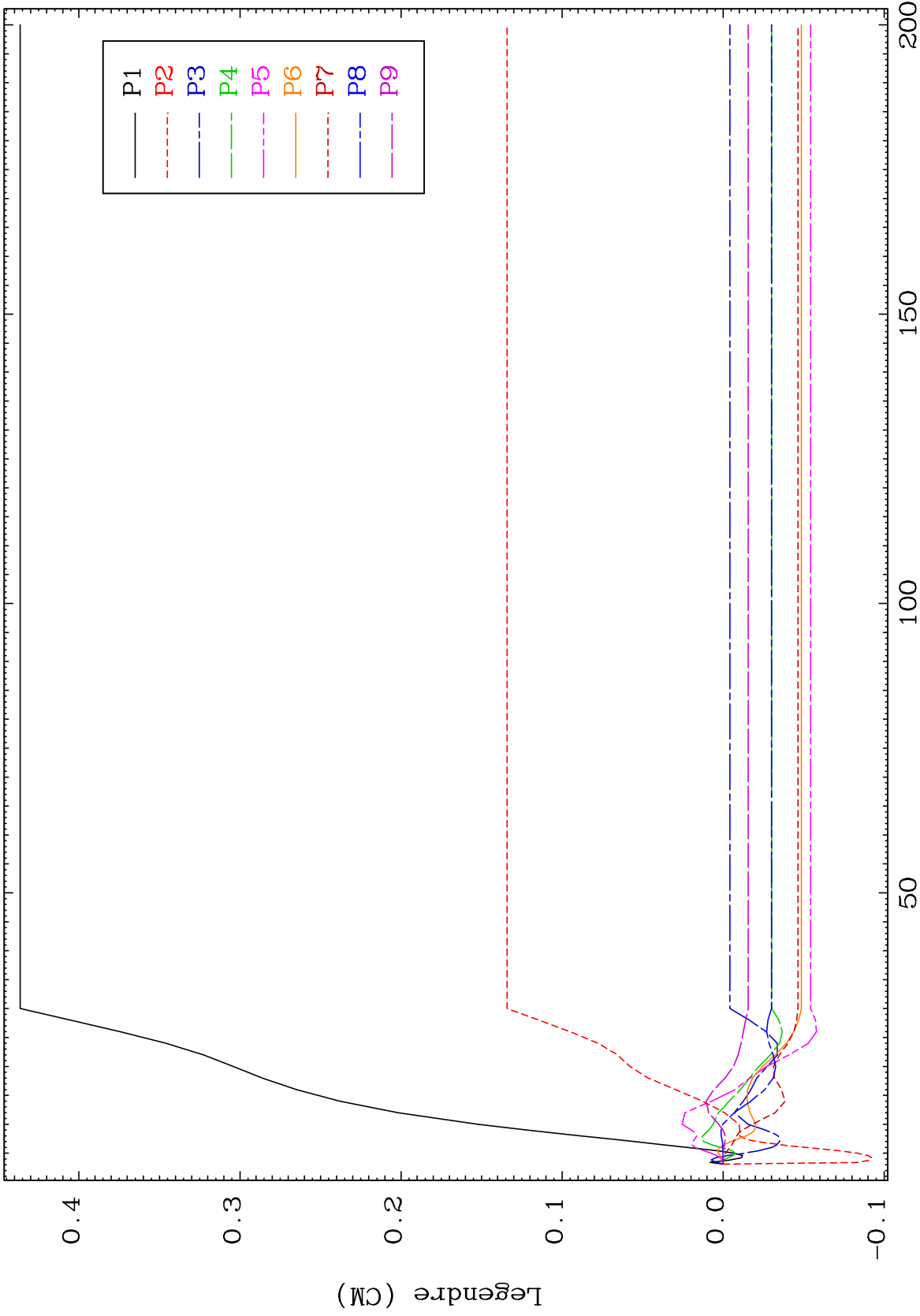
52-Te-112



MAT 5201

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

52-Te-112



31

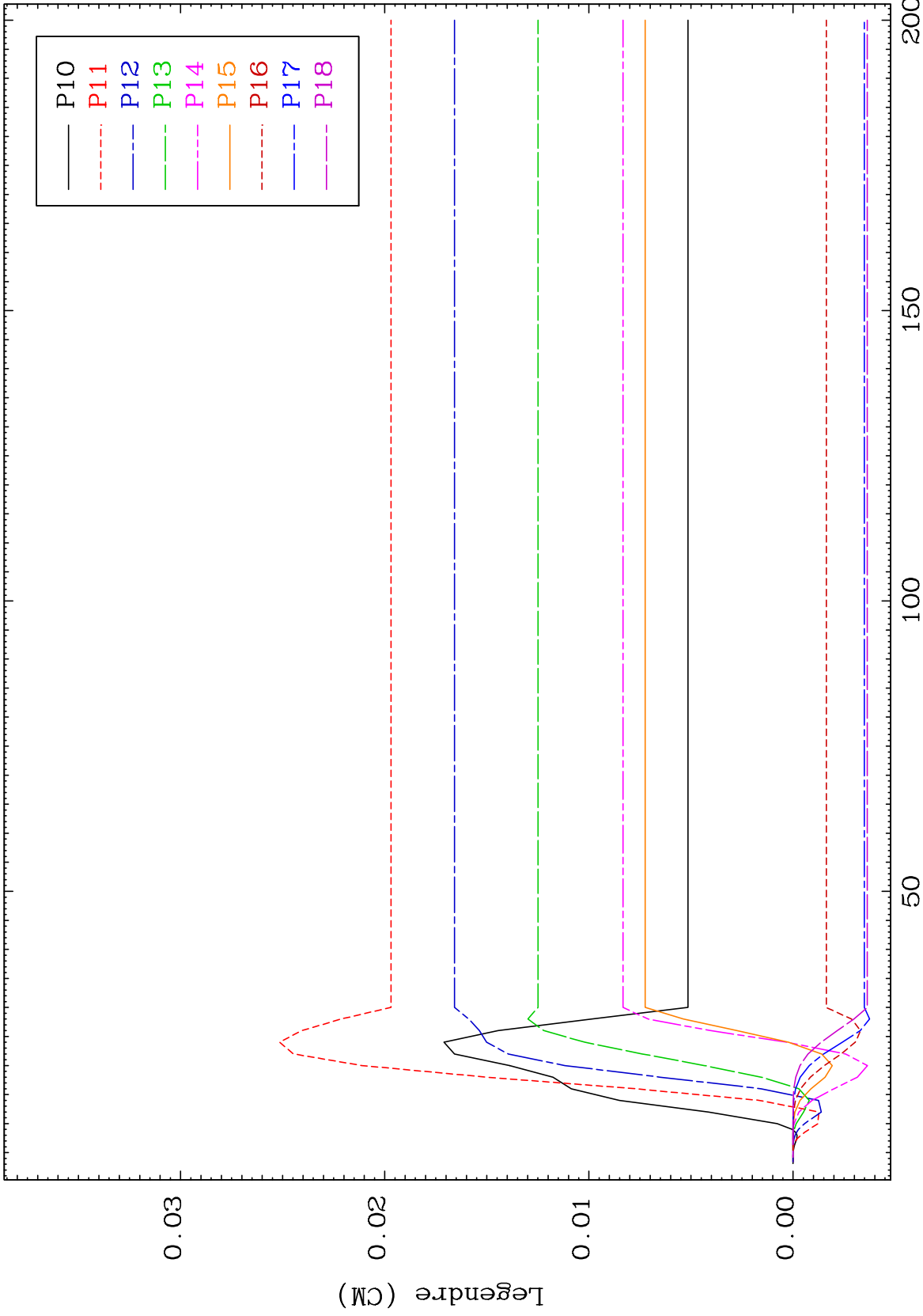
Incident Energy (MeV)

52-Te-112

MAT 5201

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

52-Te-112



32

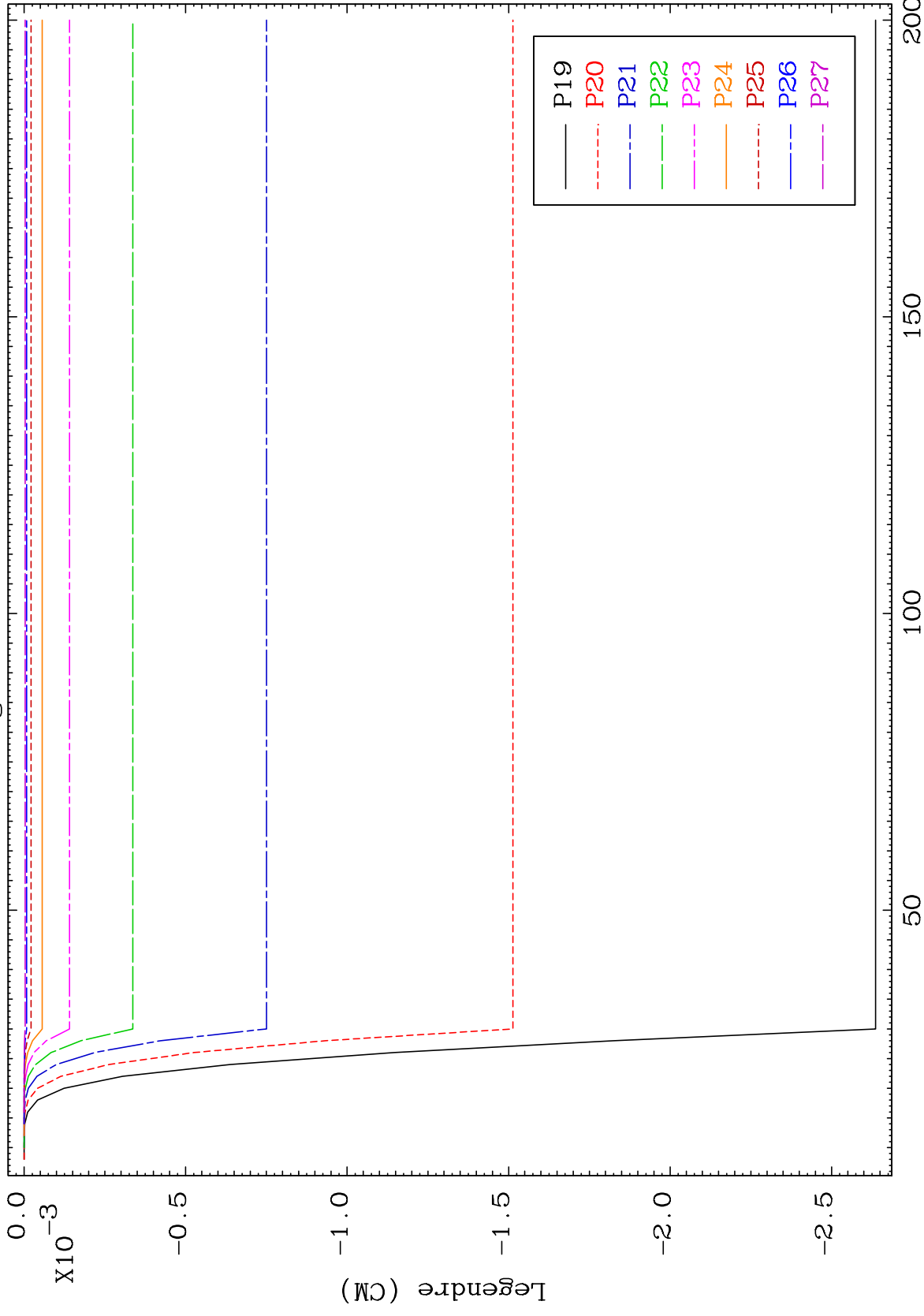
Incident Energy (MeV)

52-Te-112

MAT 5201

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

52-Te-112



52-Te-112

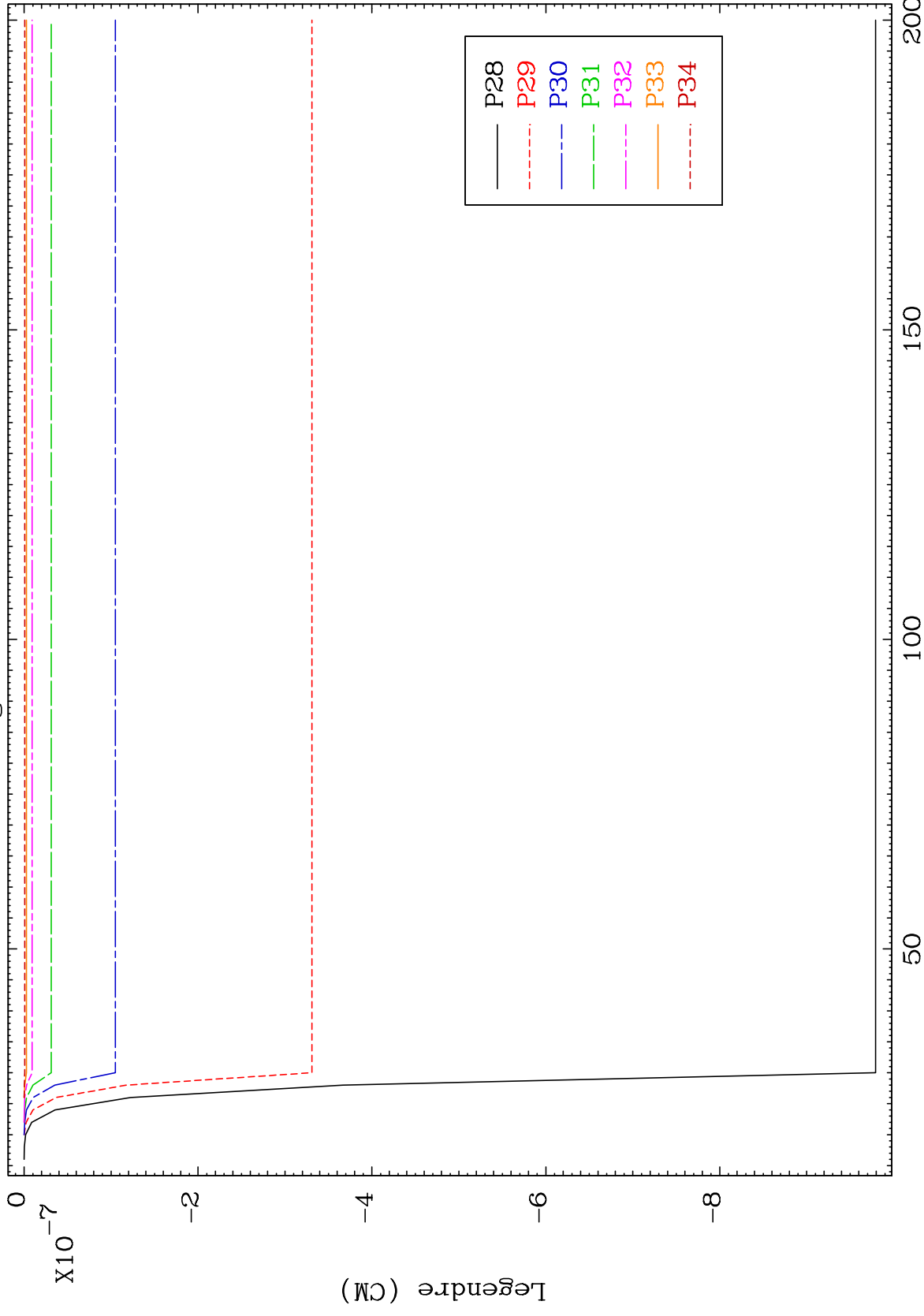
Incident Energy (MeV)

33

MAT 5201

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

52-Te-112



52-Te-112

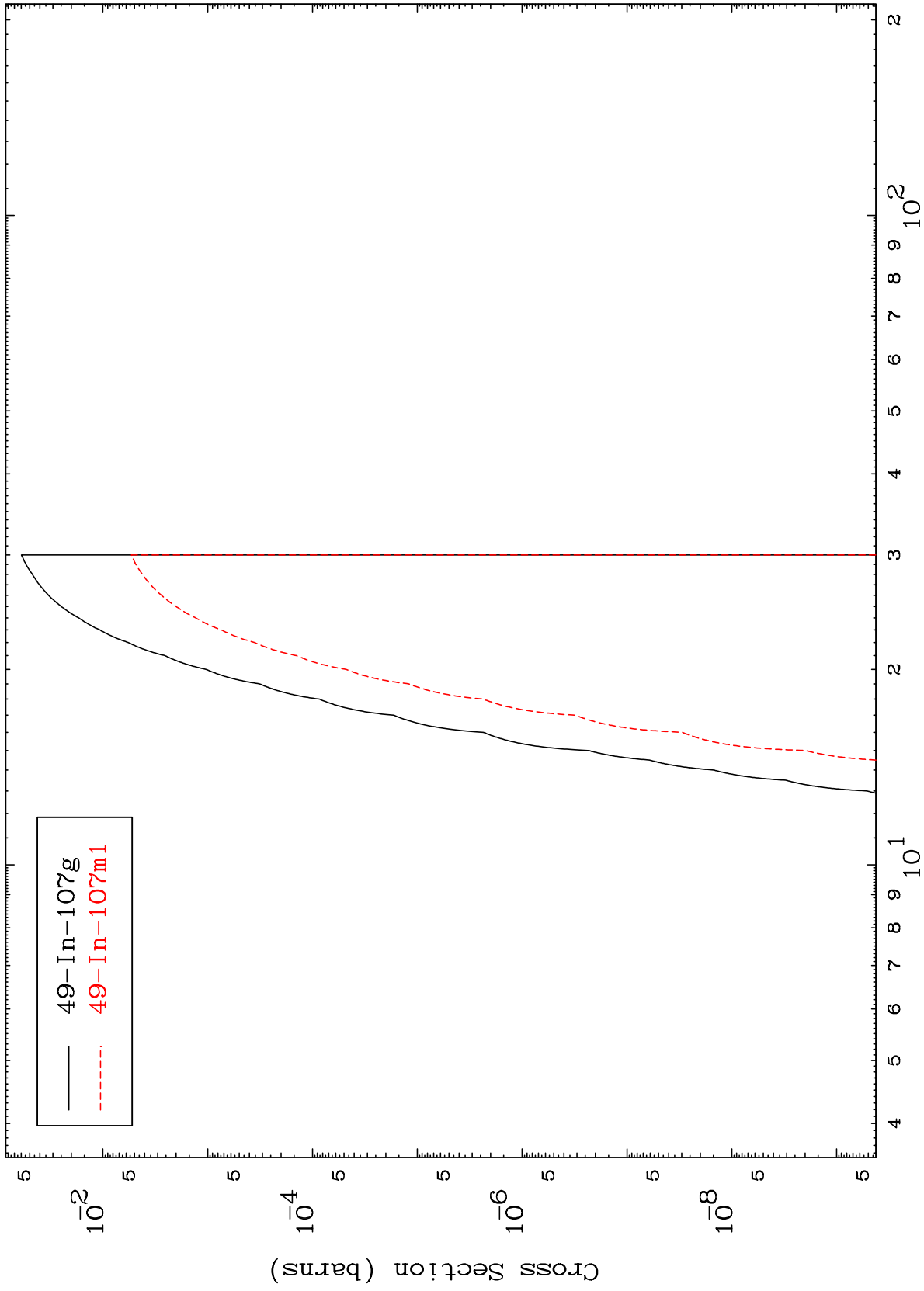
Incident Energy (MeV)

34

MAT 5201

52-Te-112

(n,n') p α
Radionuclide Production Cross Section



35

Incident Energy (MeV)

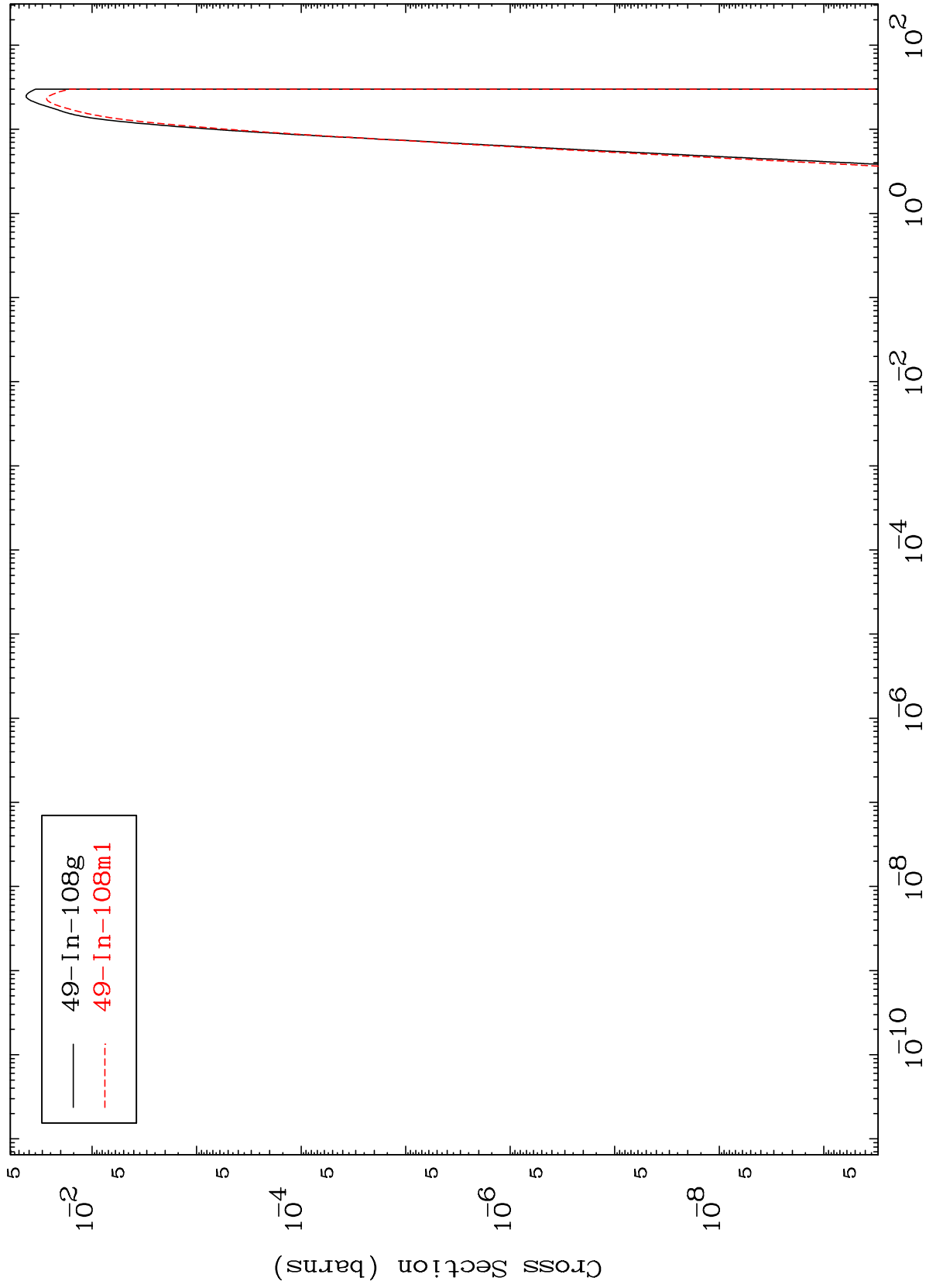
52-Te-112

MAT 5201

(n,p) α

52-Te-112

Radionuclide Production Cross Section



36

Incident Energy (MeV)

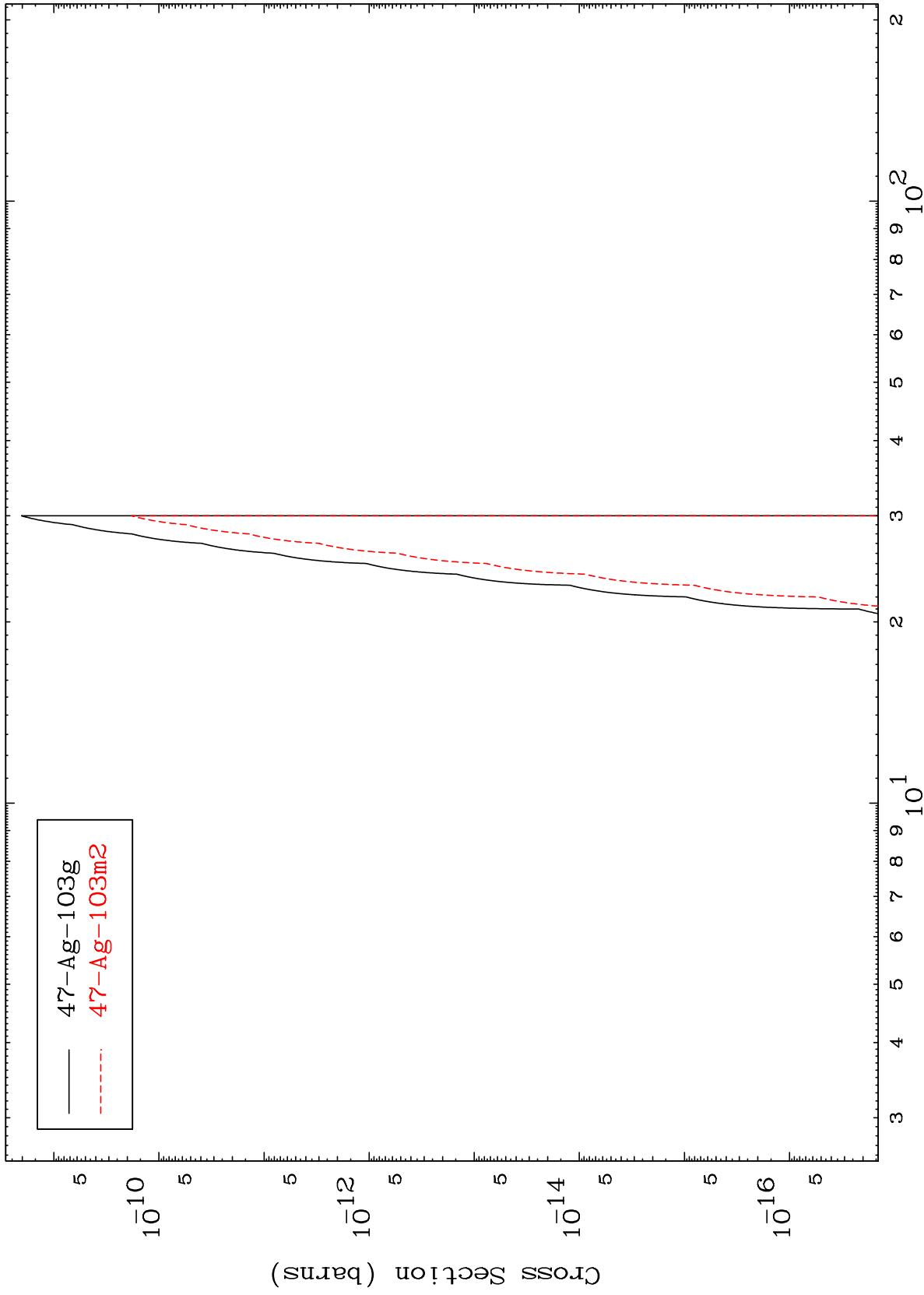
52-Te-112

MAT 5201

(n,d) 2α

52-Te-112

Radionuclide Production Cross Section



37

Incident Energy (MeV)

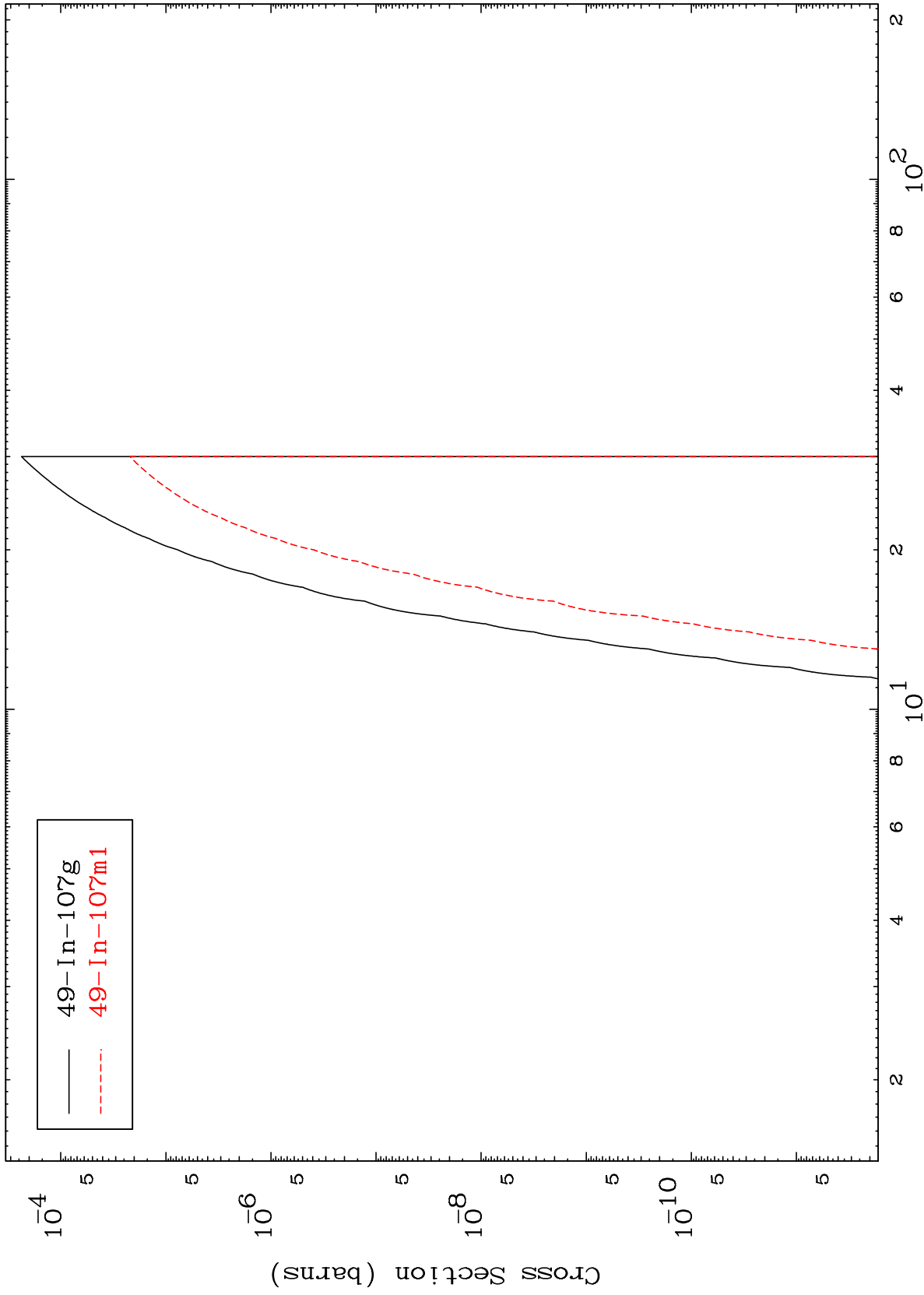
52-Te-112

MAT 5201

(n,d) α

52-Te-112

Radionuclide Production Cross Section



38

Incident Energy (MeV)

52-Te-112