

Program EVALPLOT
(Version 2018-1)

by

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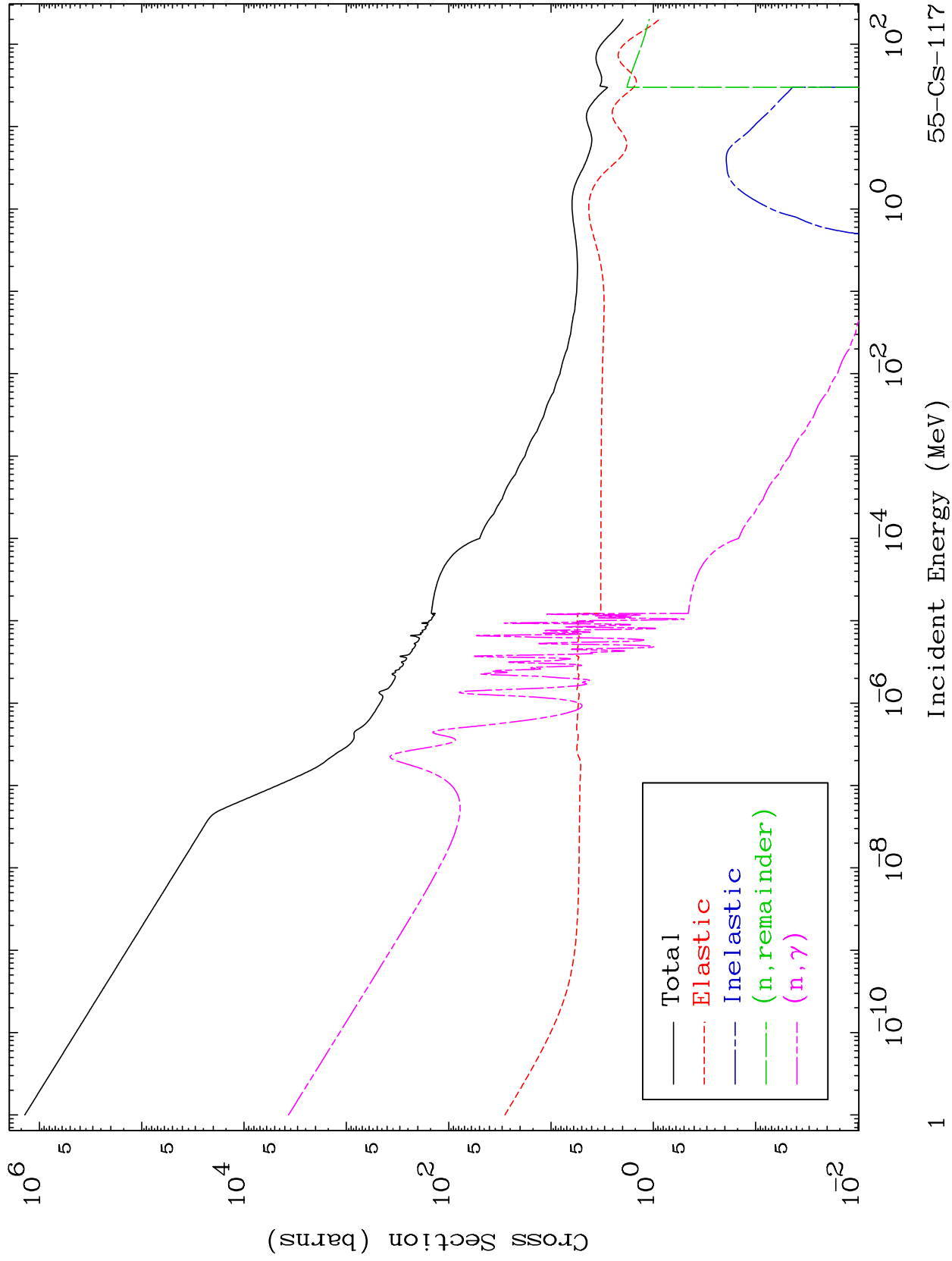
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5477

Major
293 Kelvin Cross Sections

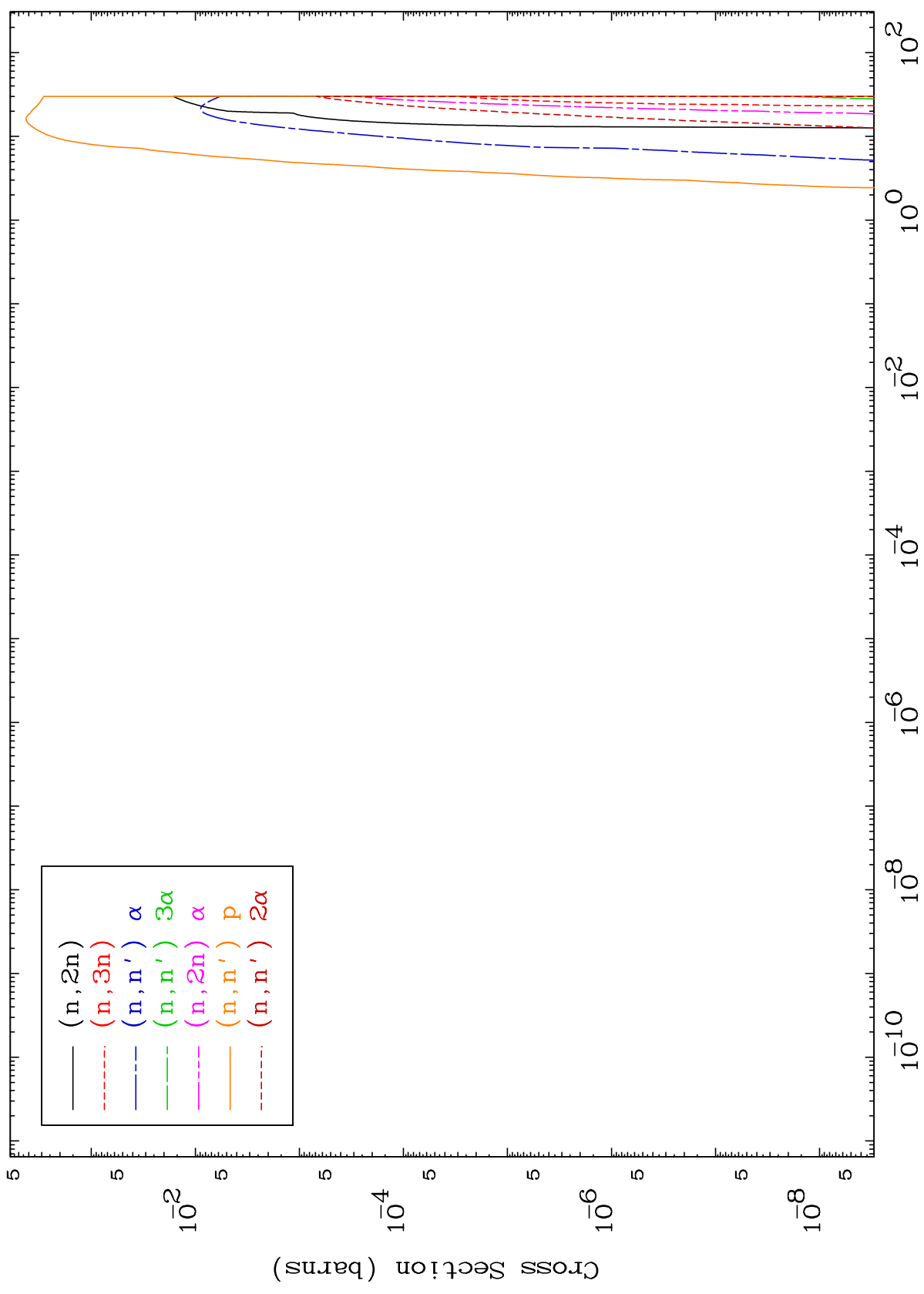
55-Cs-117



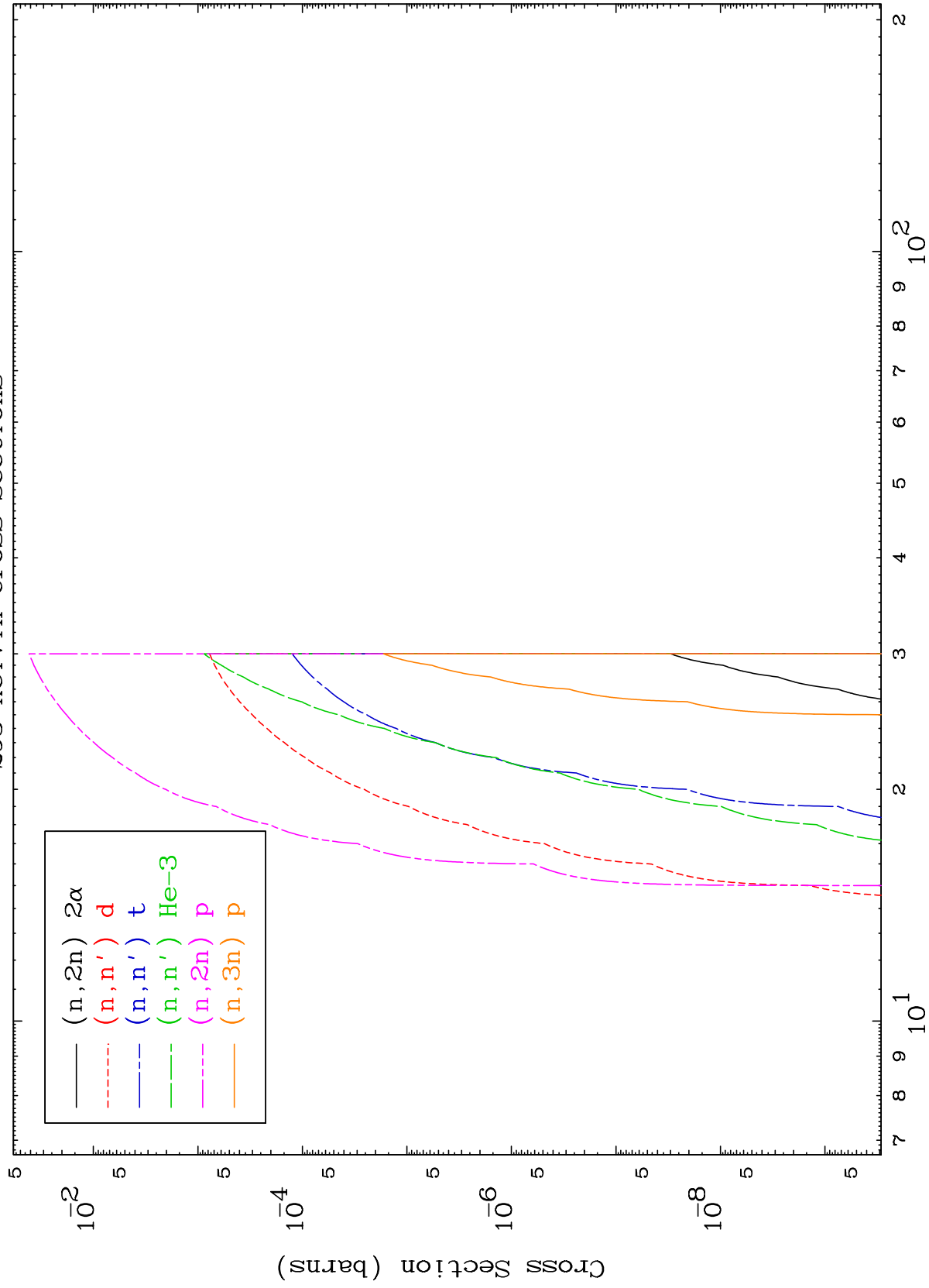
MAT 5477

Neutron Production
293 Kelvin Cross Sections

55-Cs-117



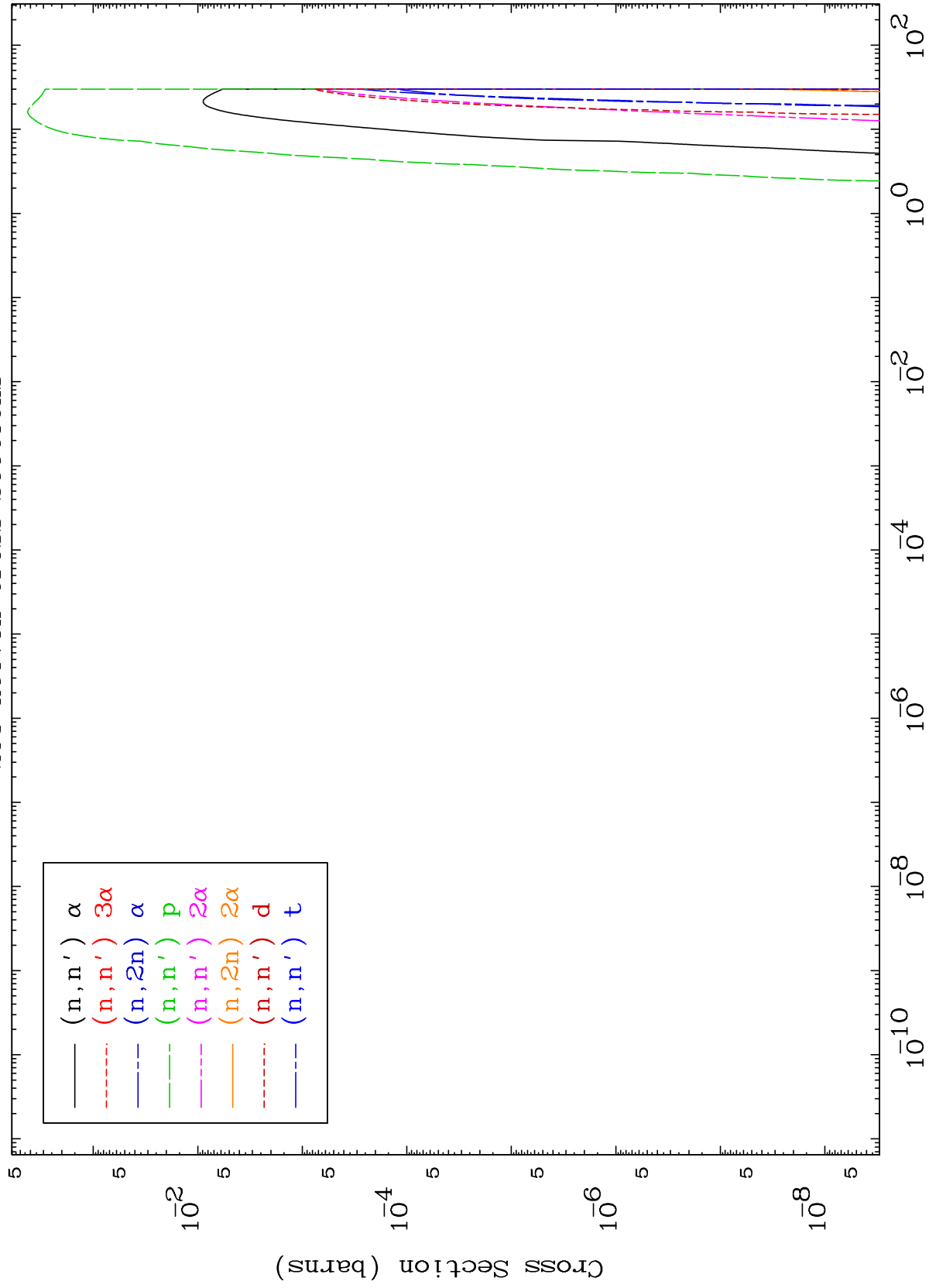
55-Cs-117



MAT 5477

293 Charged Particle
Kelvin Cross Sections

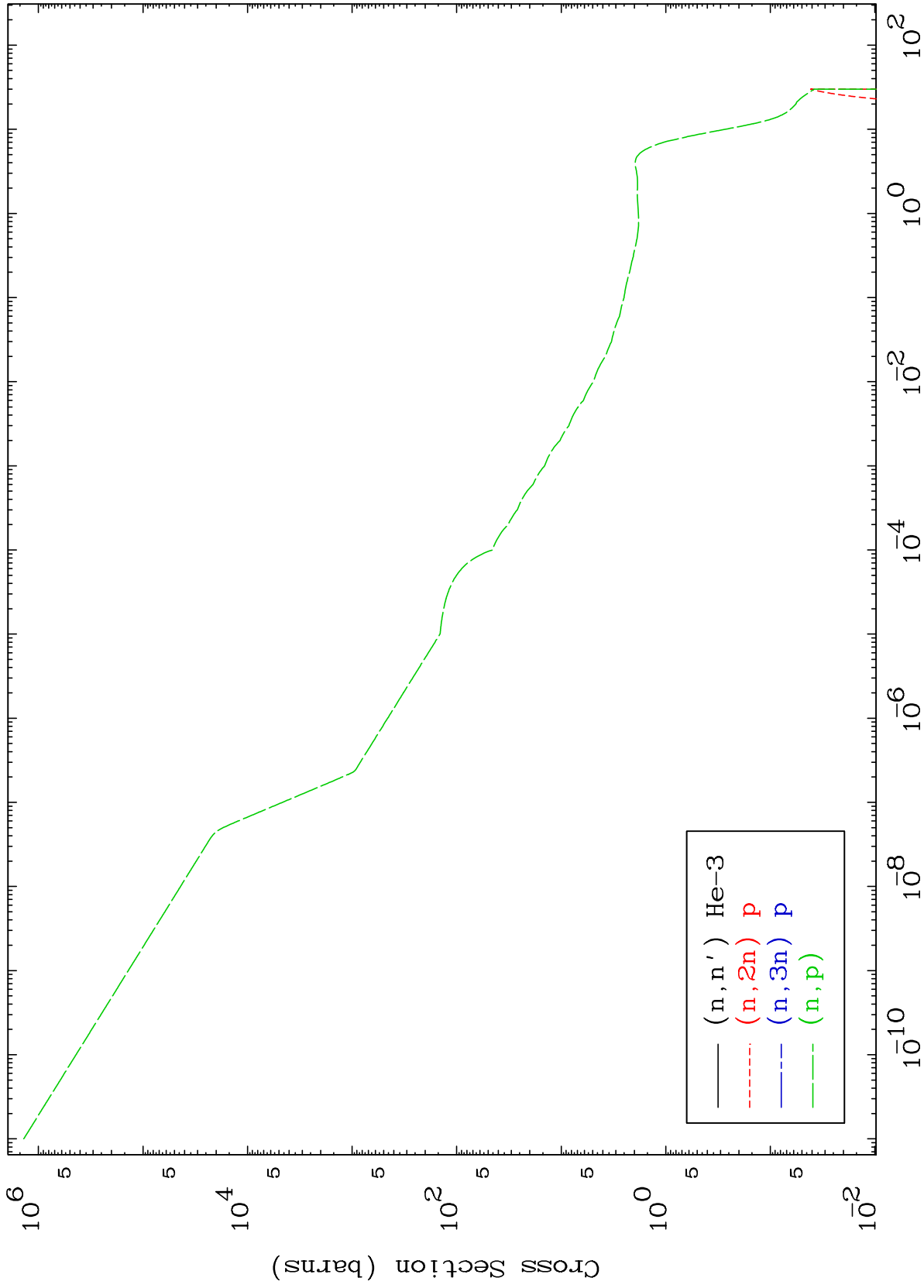
55-Cs-117



MAT 5477

Charged Particle
293 Kelvin Cross Sections

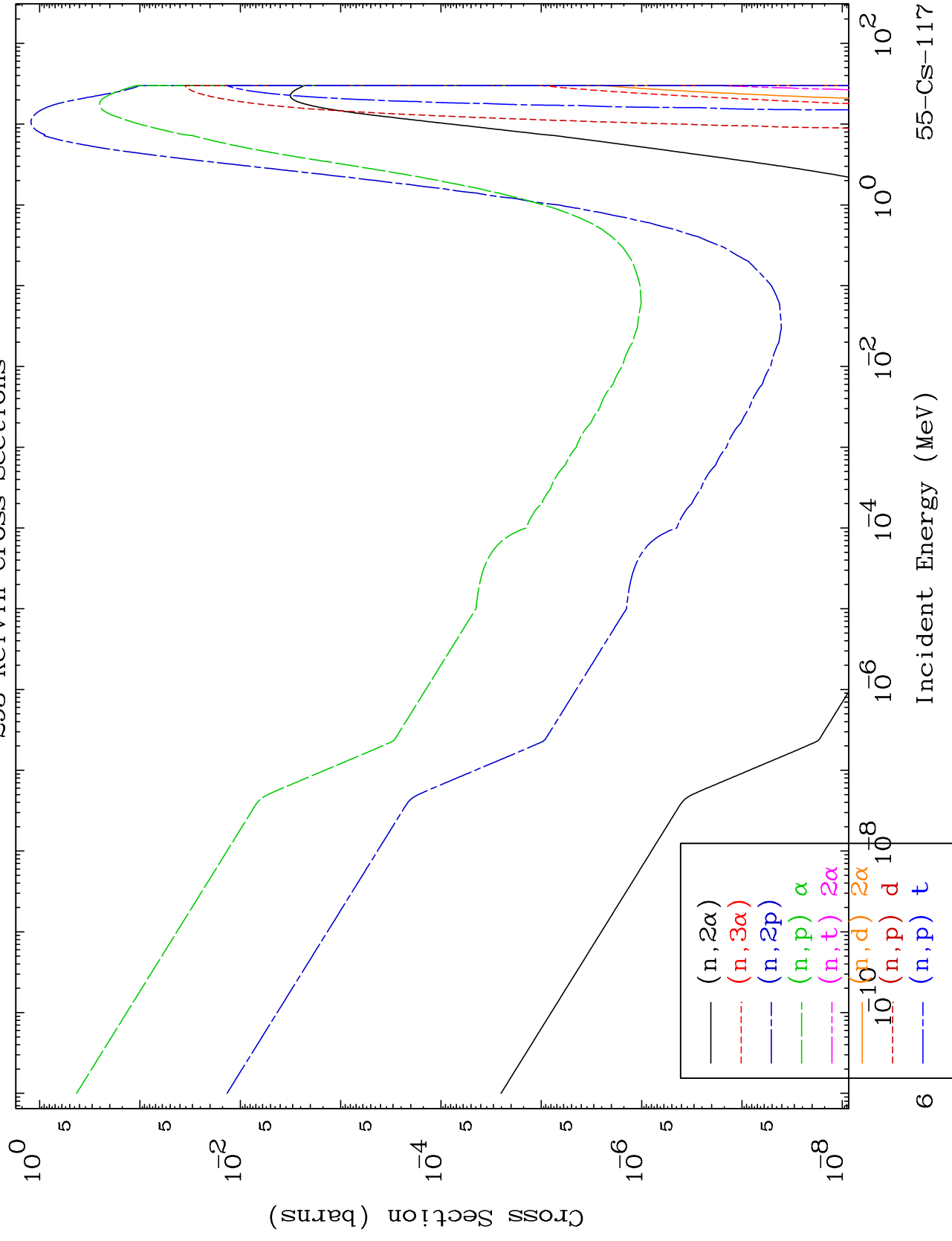
55-Cs-117



MAT 5477

Charged Particle
293 Kelvin Cross Sections

55-Cs-117

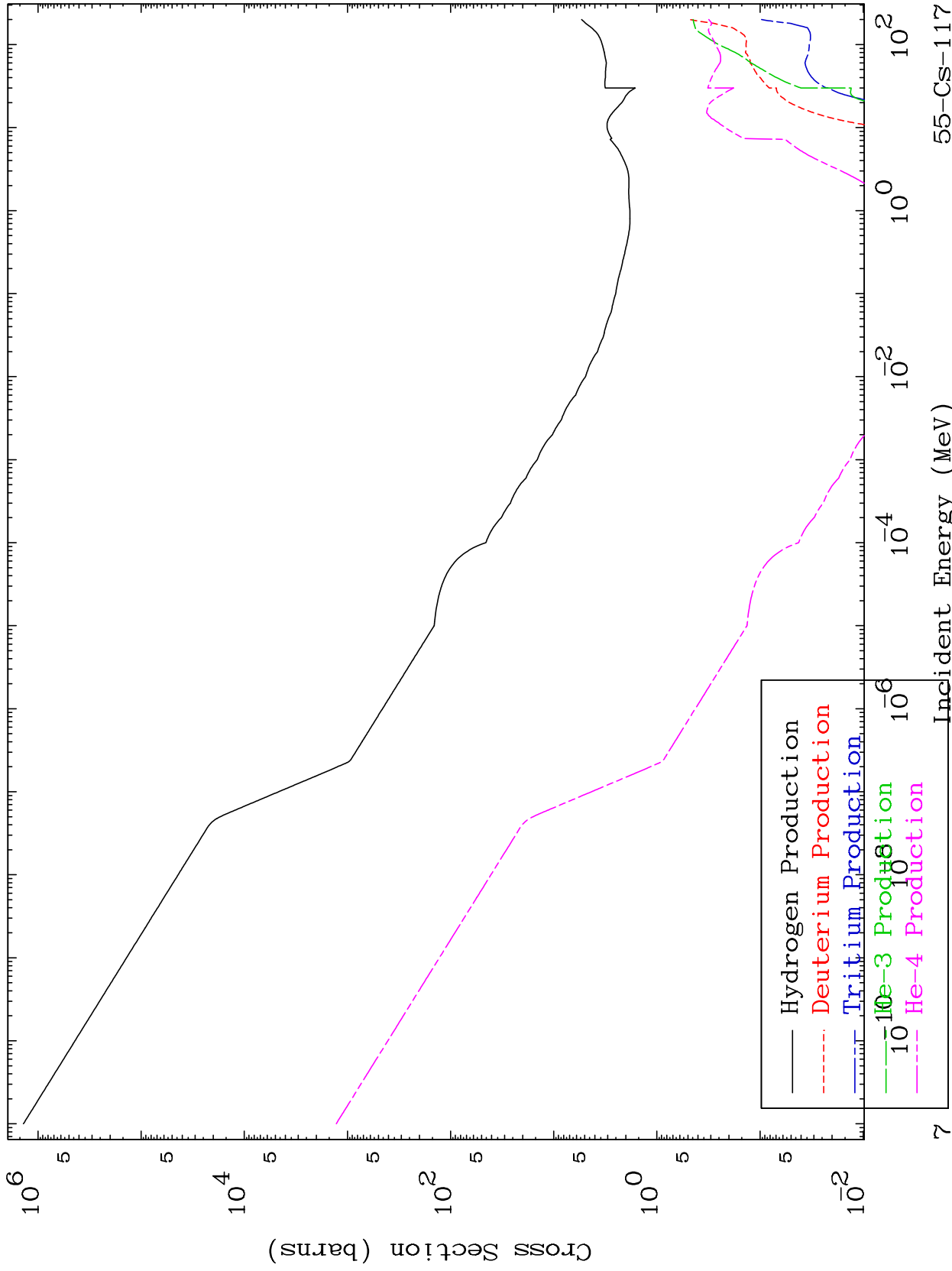


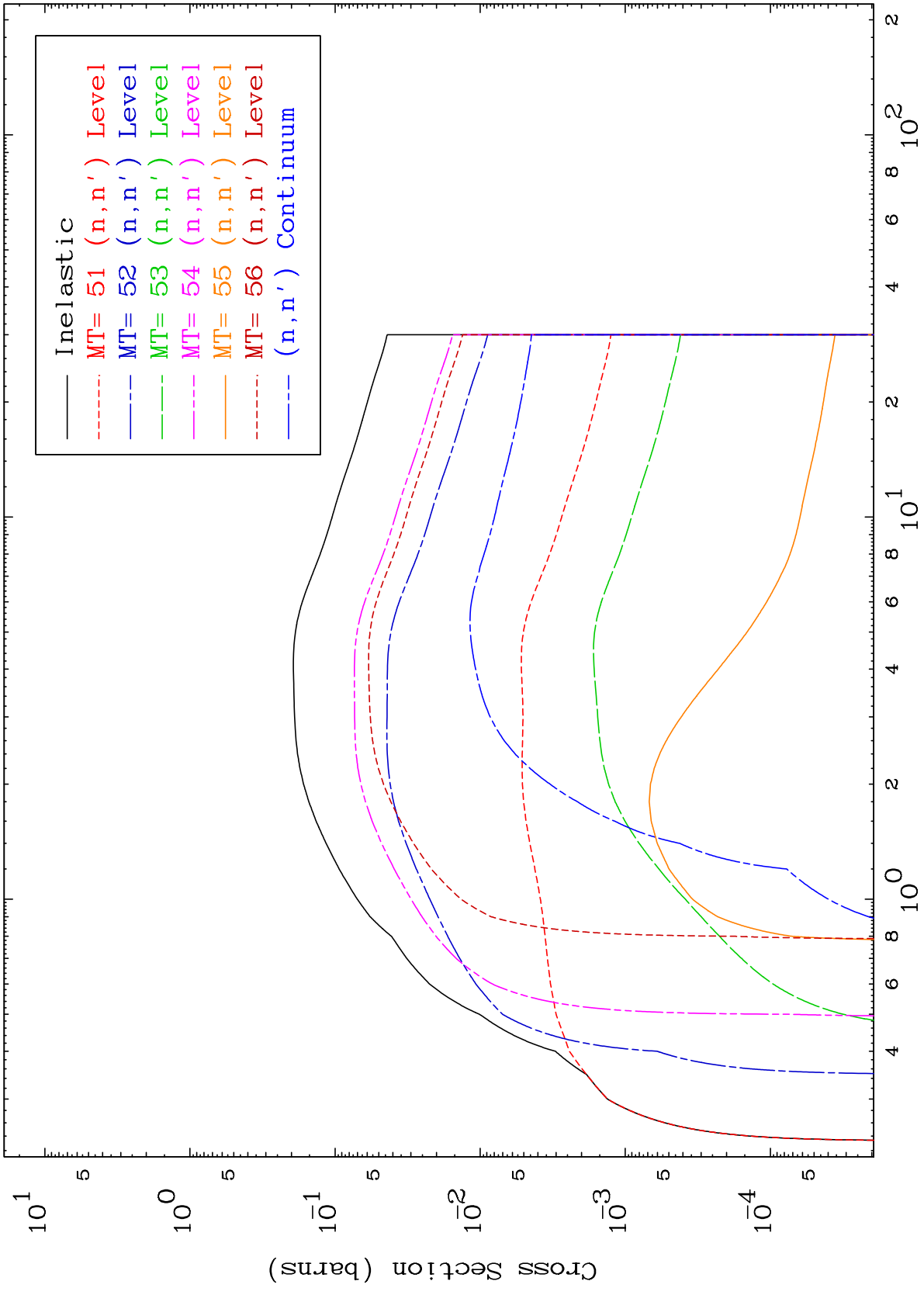
55-Cs-117

MAT 5477

Particle Production
293 Kelvin Cross Sections

55-Cs-117

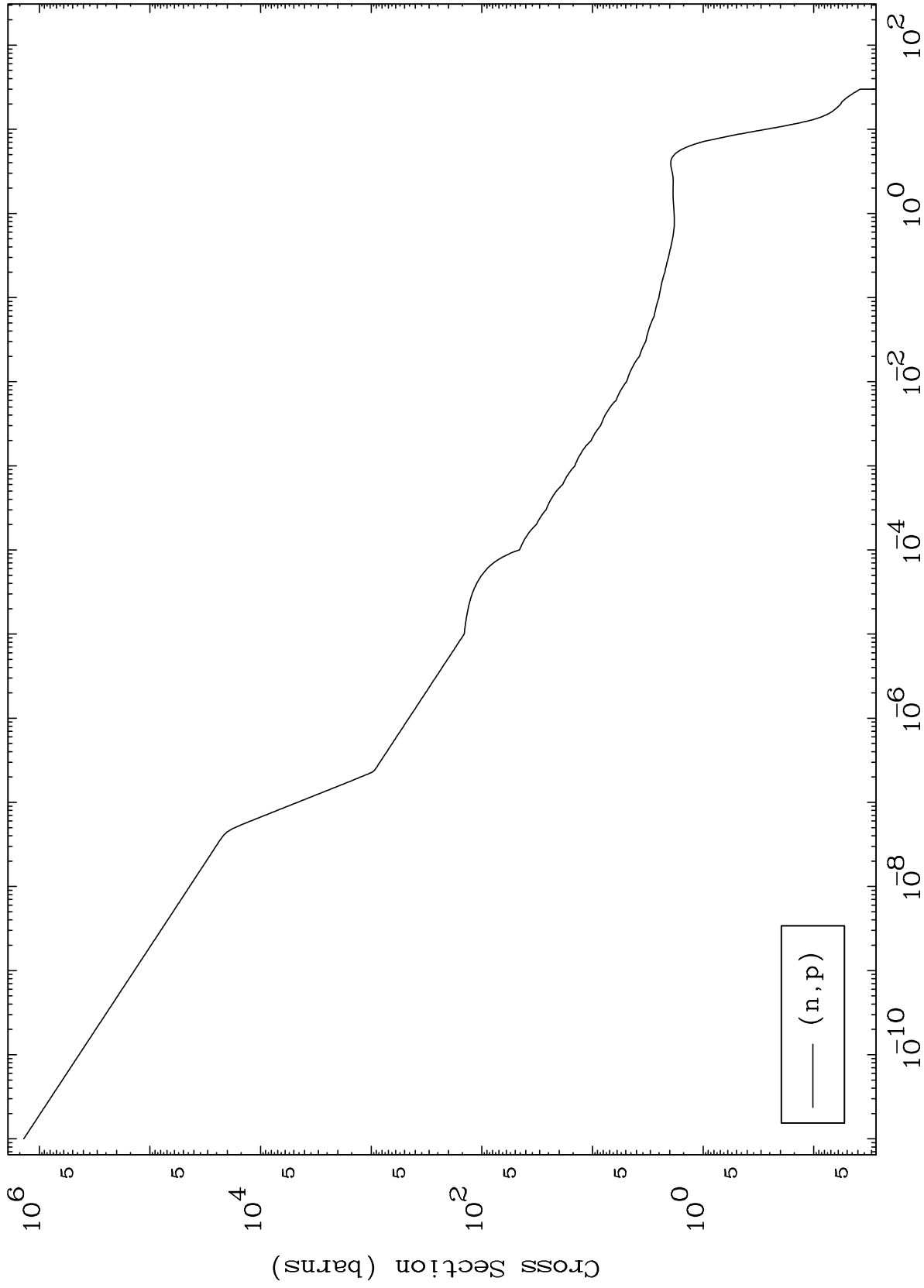




MAT 5477

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-117

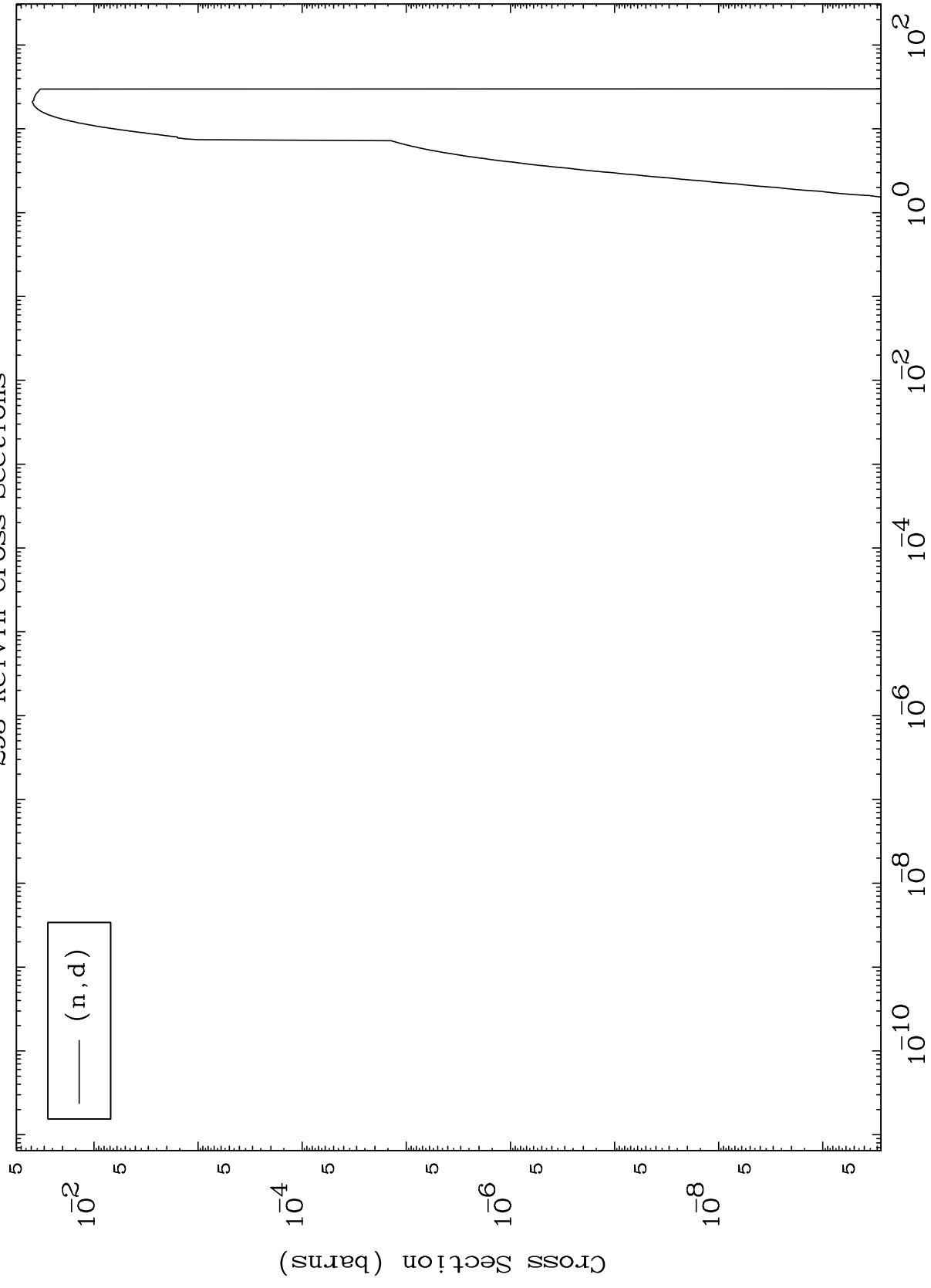


— (n, p)

MAT 5477

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-117



10

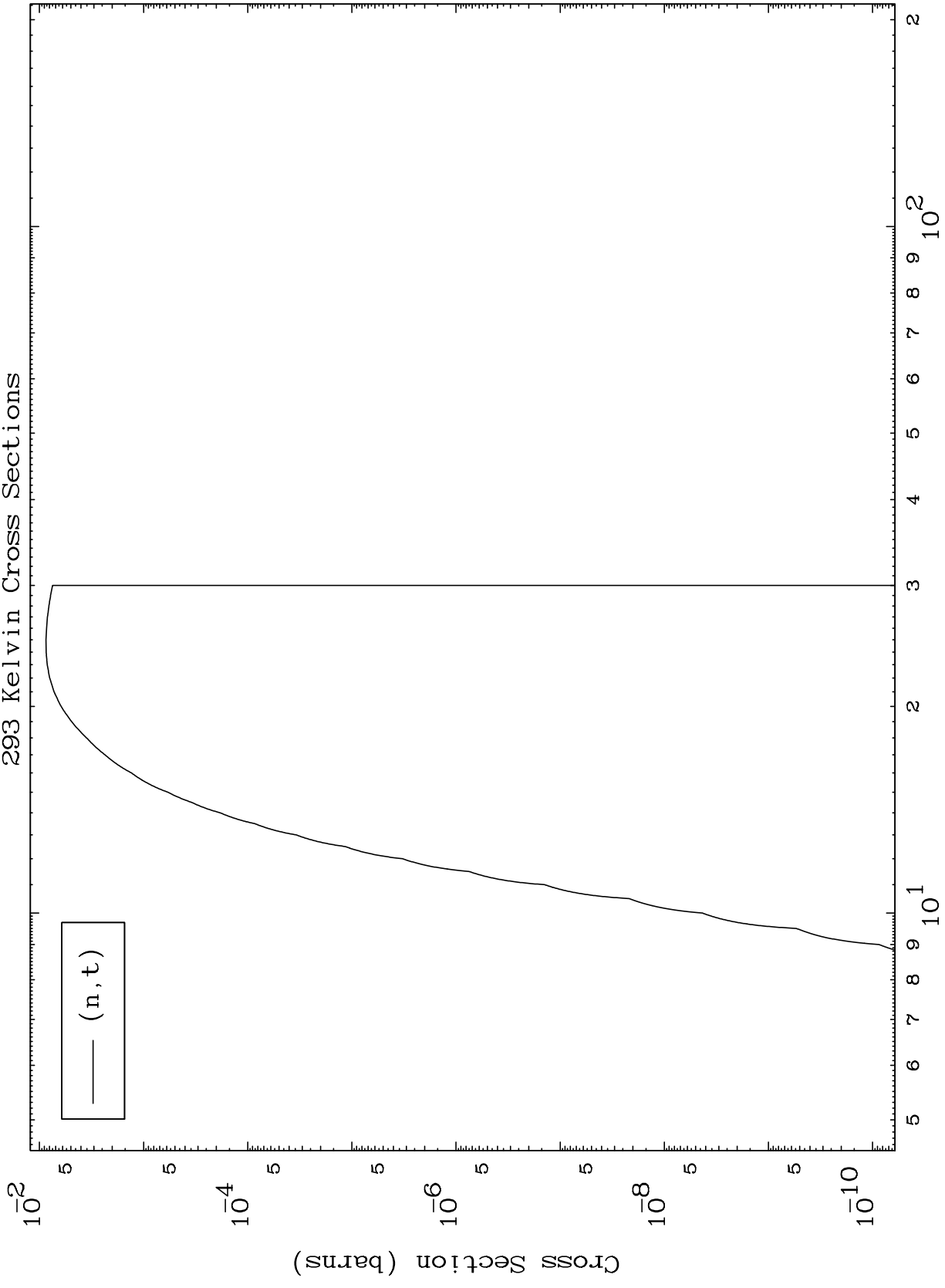
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-117



11

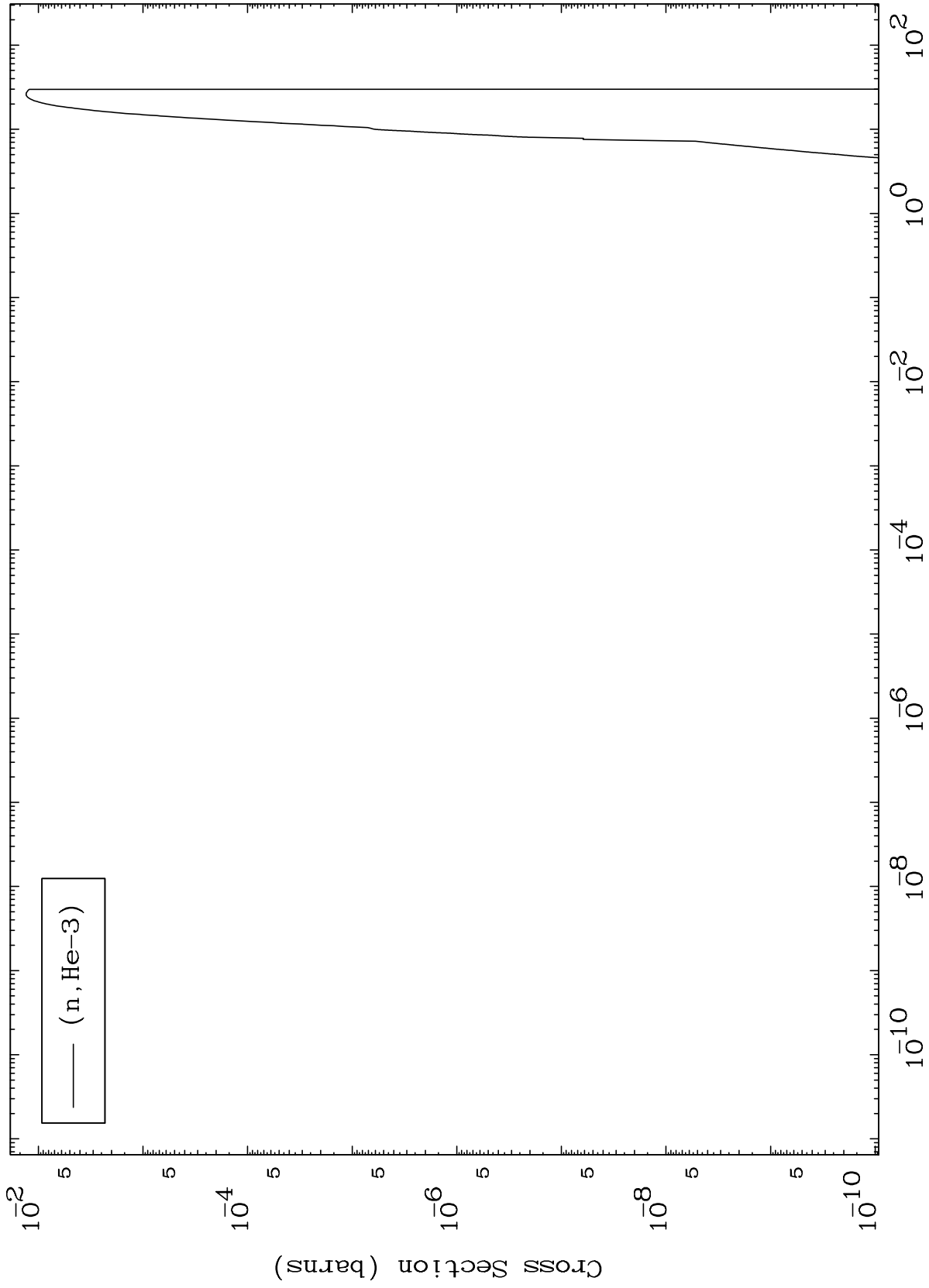
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-117



12

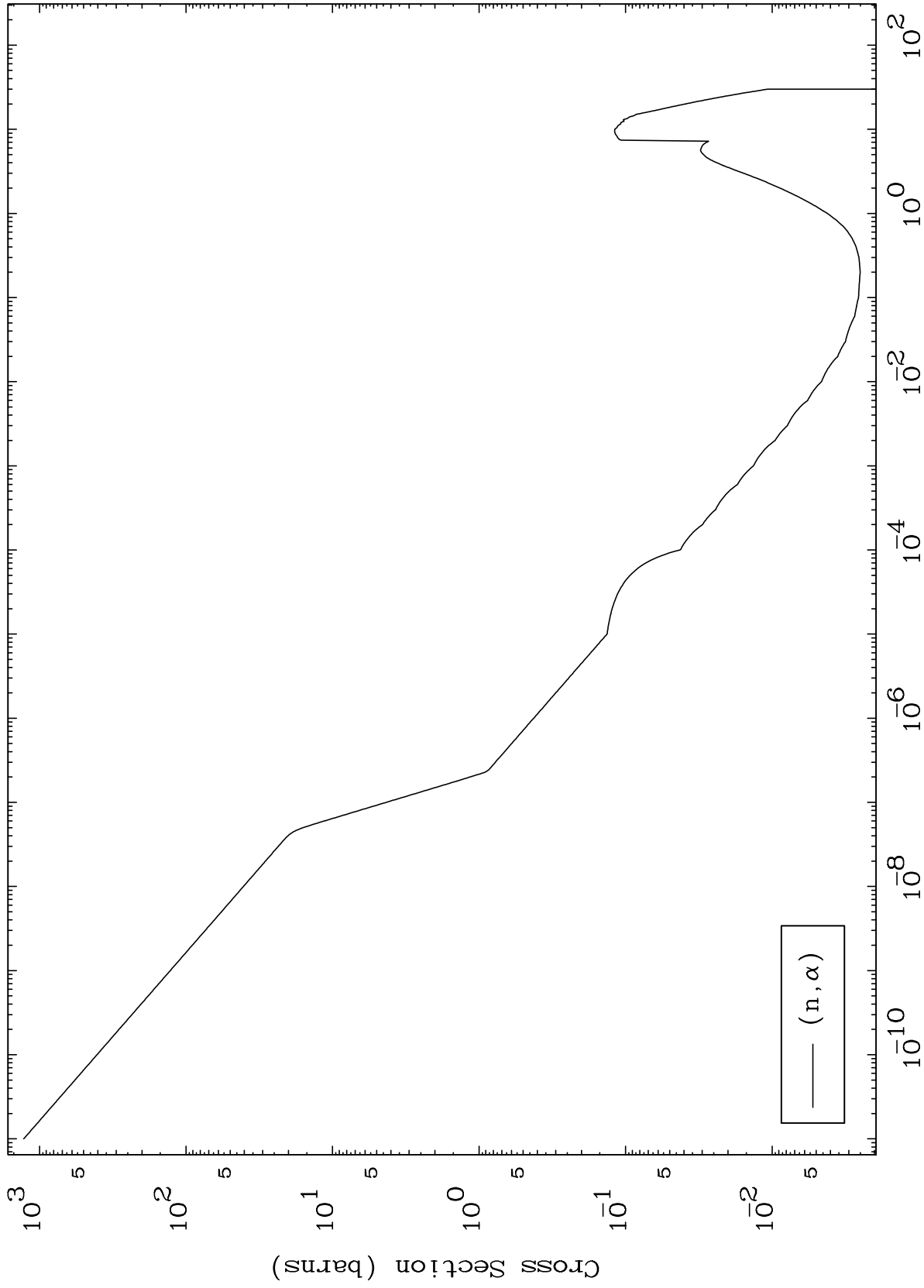
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,α) Levels
293 Kelvin Cross Sections

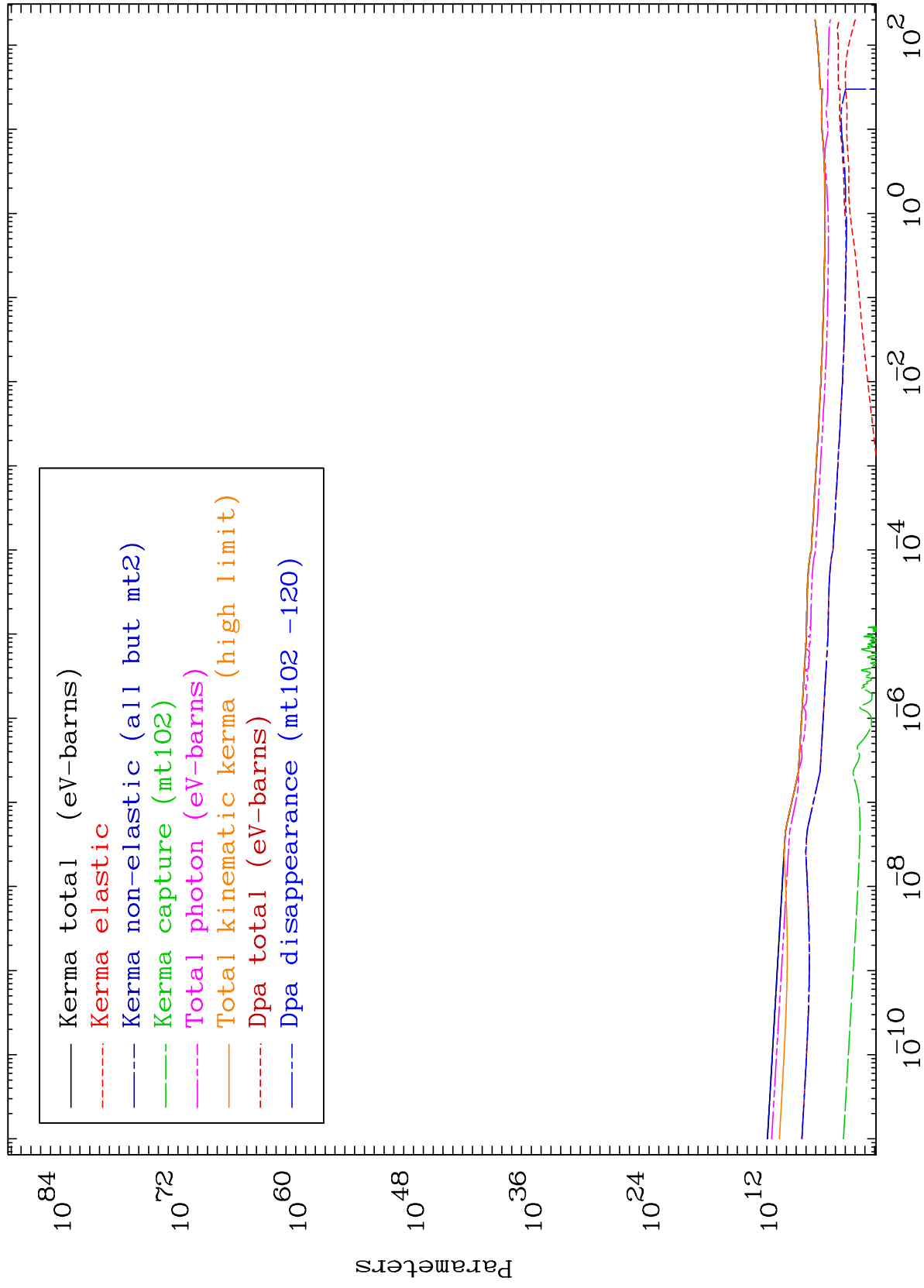
55-Cs-117



13

Incident Energy (MeV)

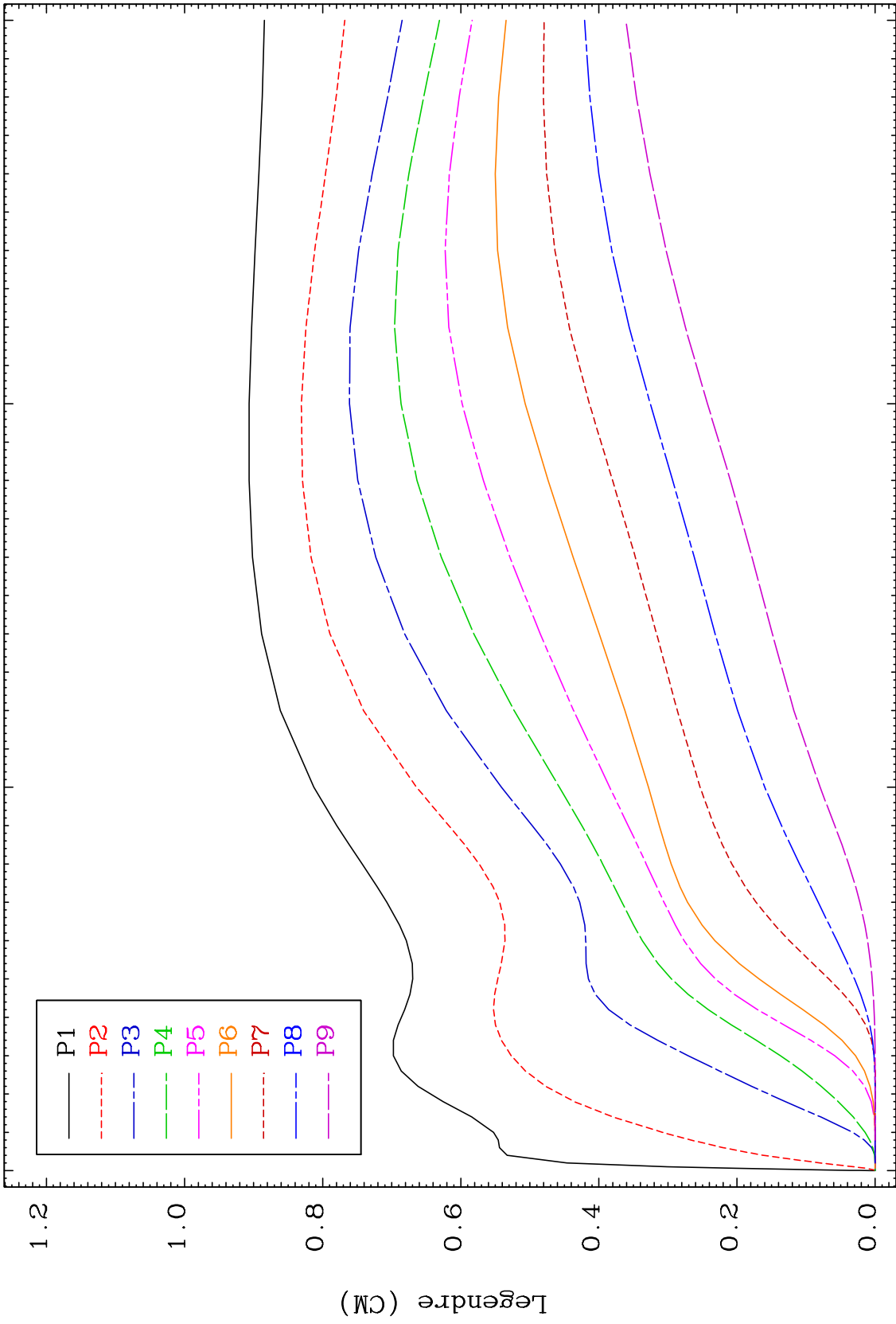
55-Cs-117



MAT 5477

Elastic Legendre Coefficients

55-Cs-117



15

Incident Energy (MeV)

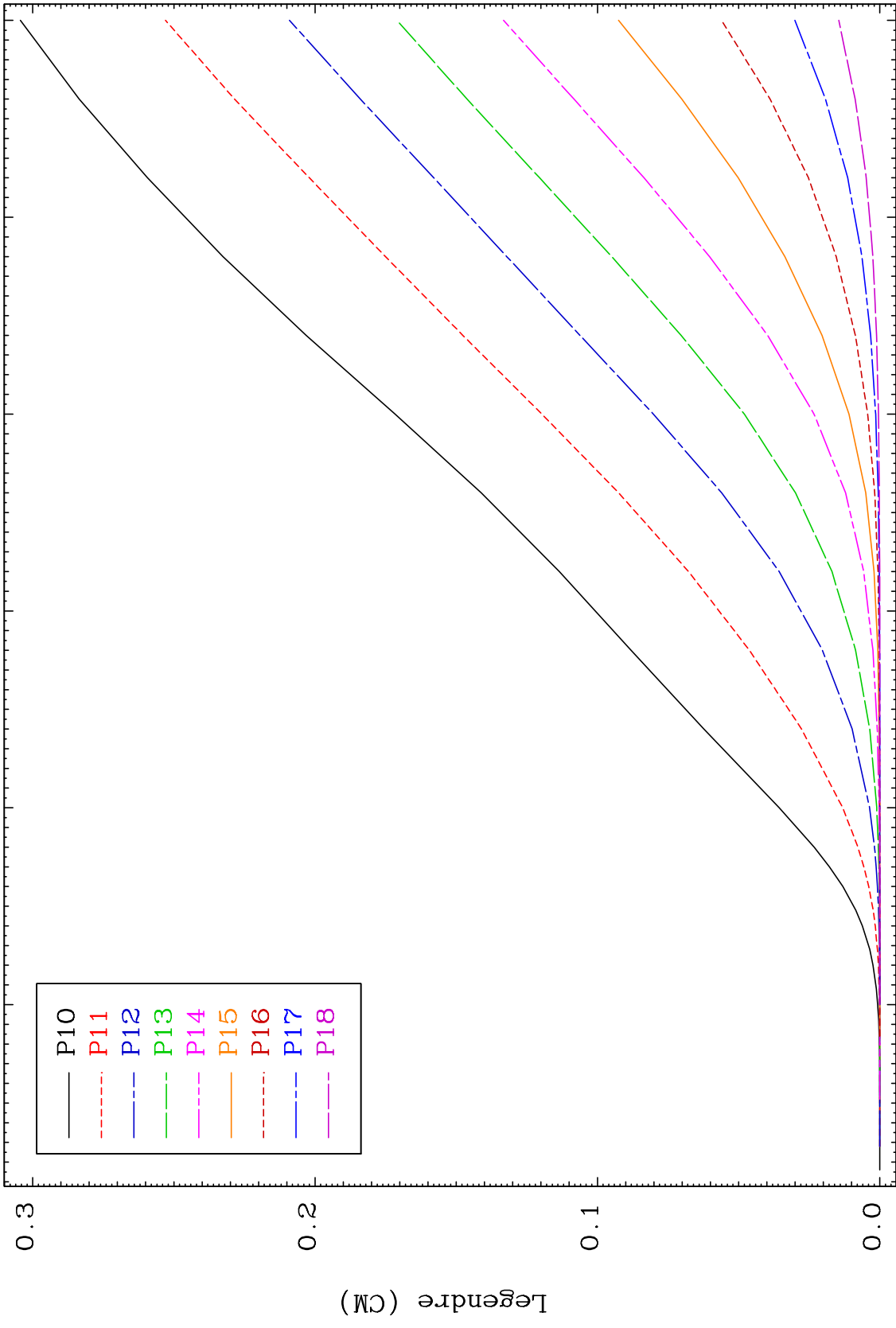
55-Cs-117

30

MAT 5477

Elastic Legendre Coefficients

55-Cs-117



16

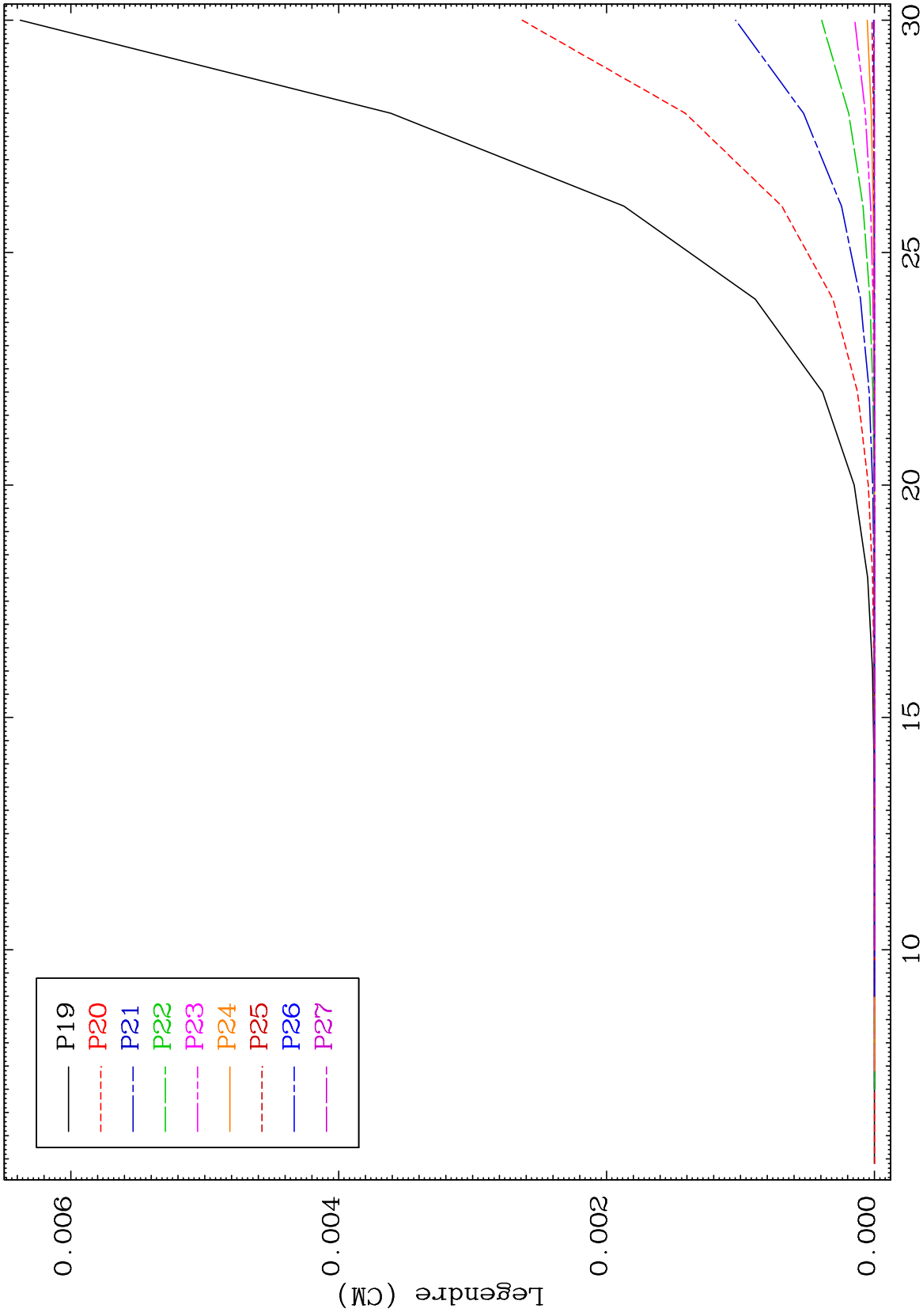
Incident Energy (MeV)

55-Cs-117

MAT 5477

Elastic Legendre Coefficients

55-Cs-117



17

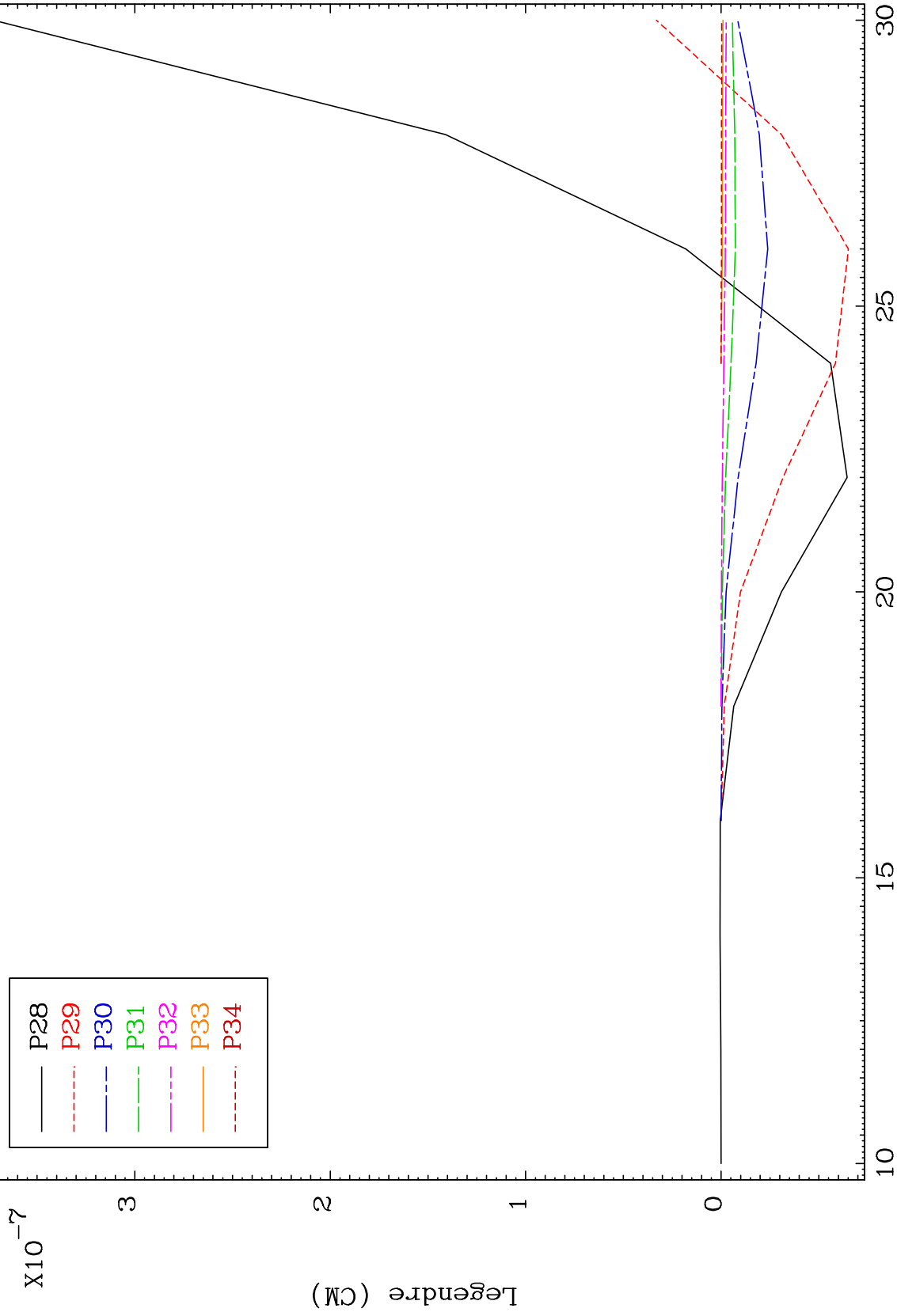
Incident Energy (MeV)

55-Cs-117

MAT 5477

Elastic Legendre Coefficients

55-Cs-117



10

15

20

25

30

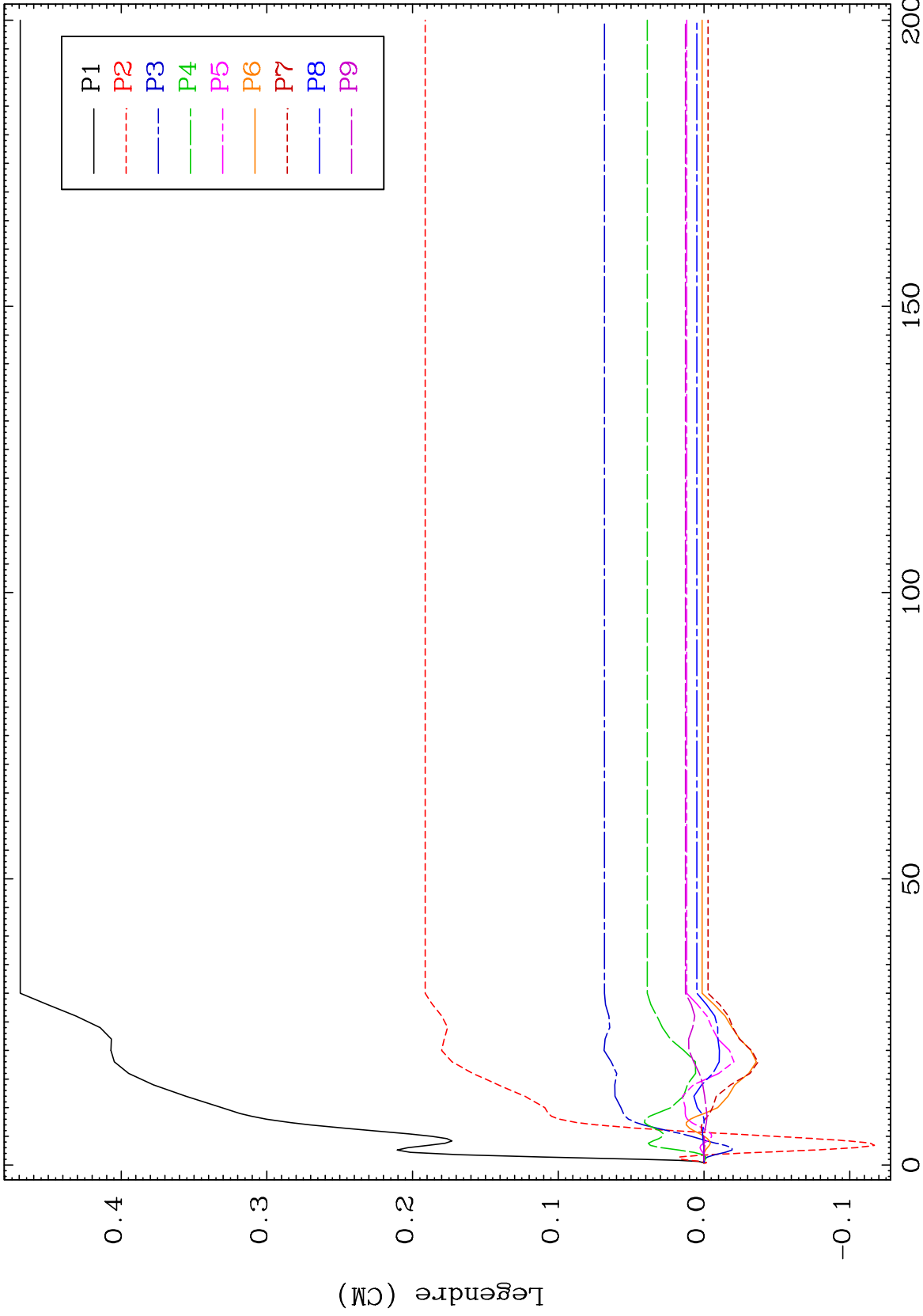
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



19

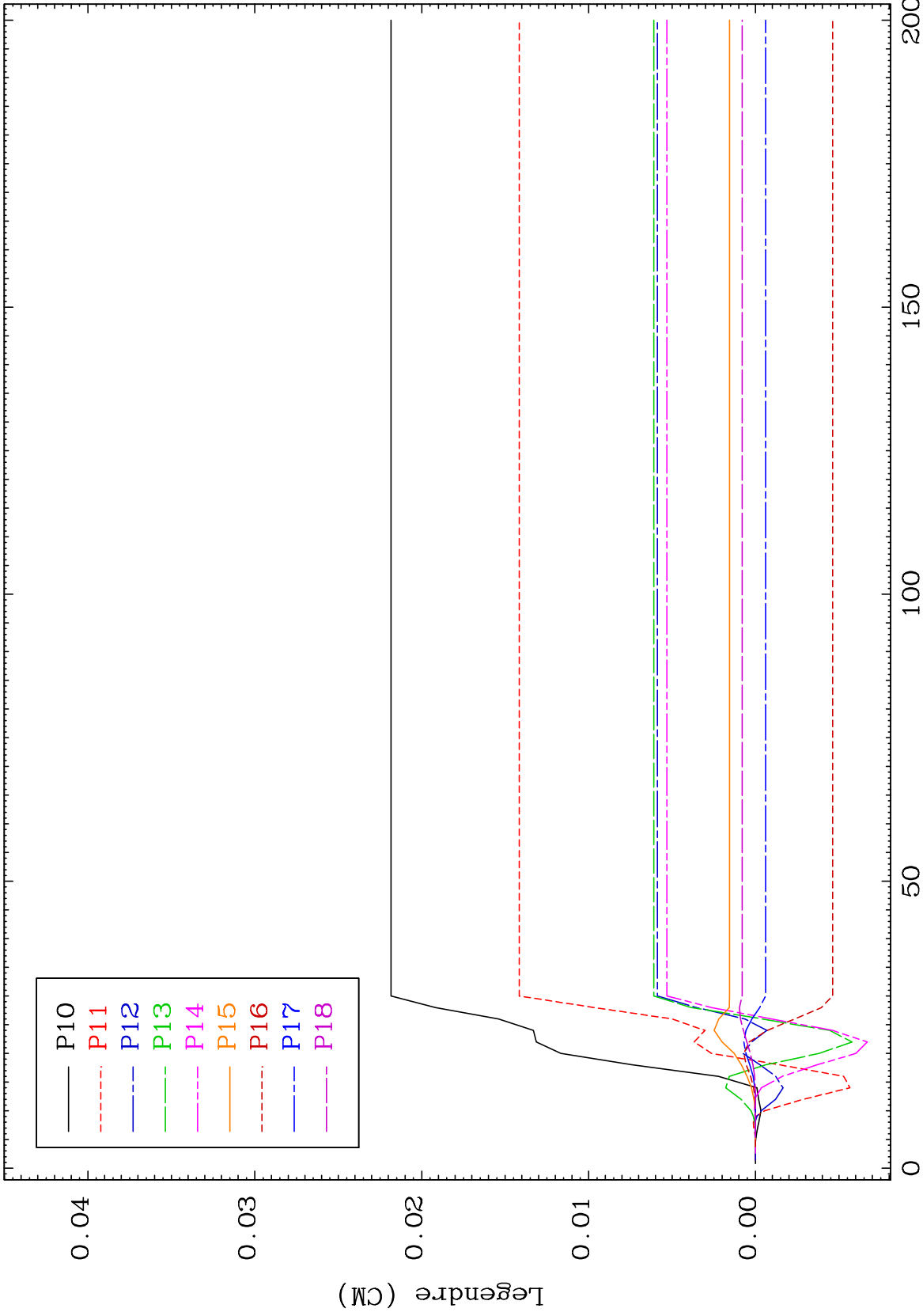
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



55-Cs-117

Incident Energy (MeV)

0

50

100

150

200

Legendre (CM)

0.04

0.03

0.02

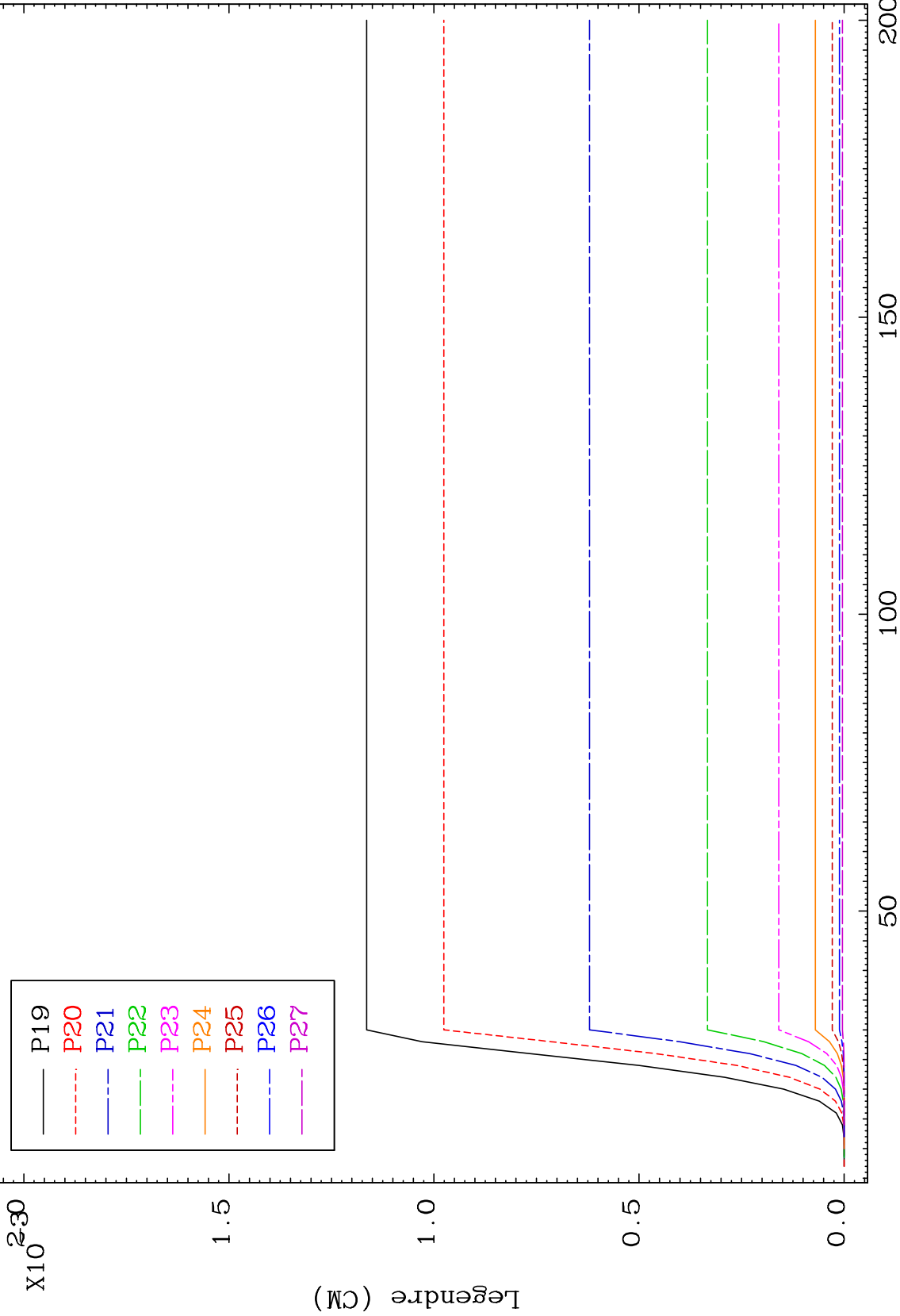
0.01

0.00

MAT 5477

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

55-Cs-117



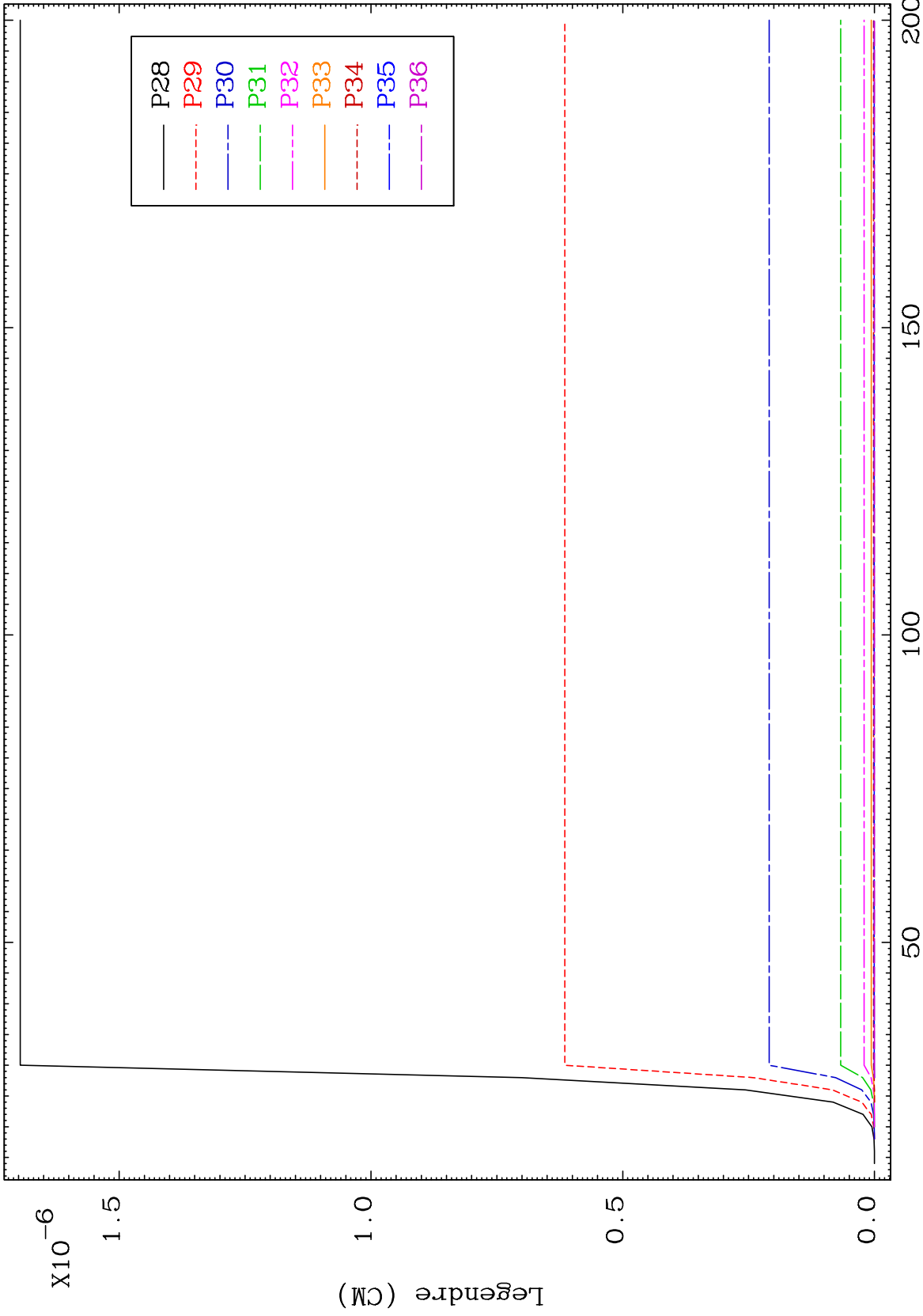
21

55-Cs-117

MAT 5477

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

55-Cs-117



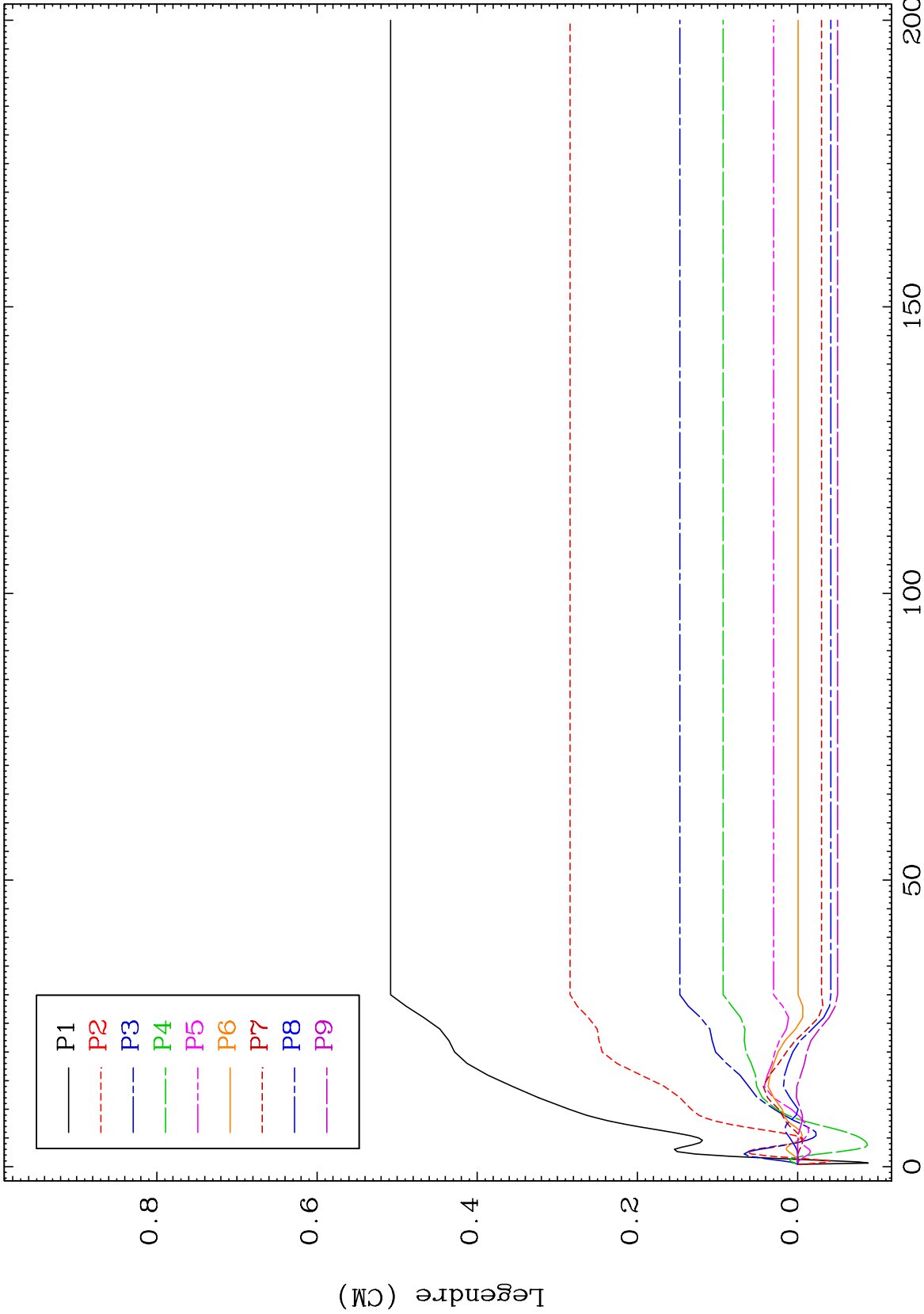
22

55-Cs-117

MAT 5477

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

55-Cs-117



23

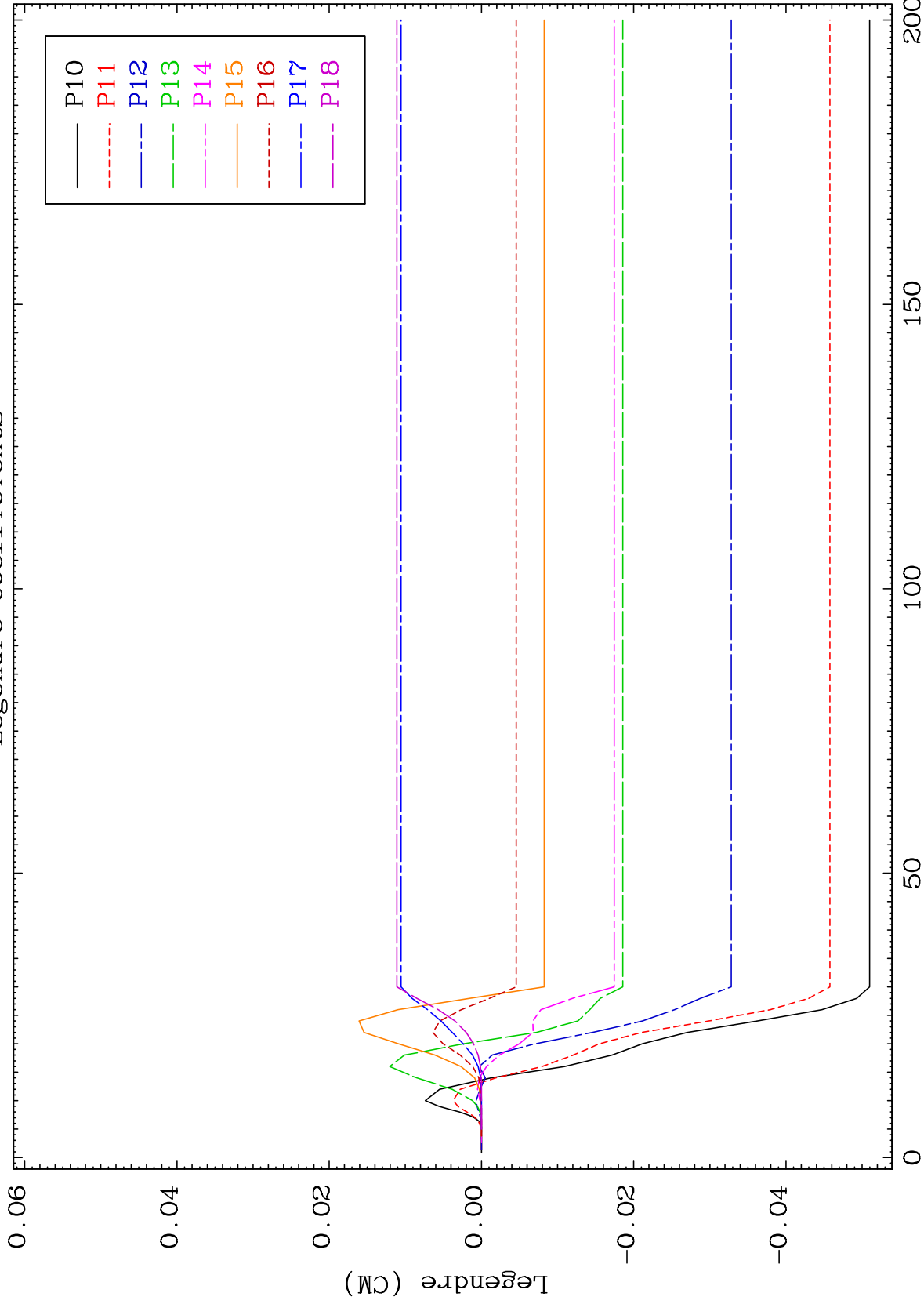
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



24

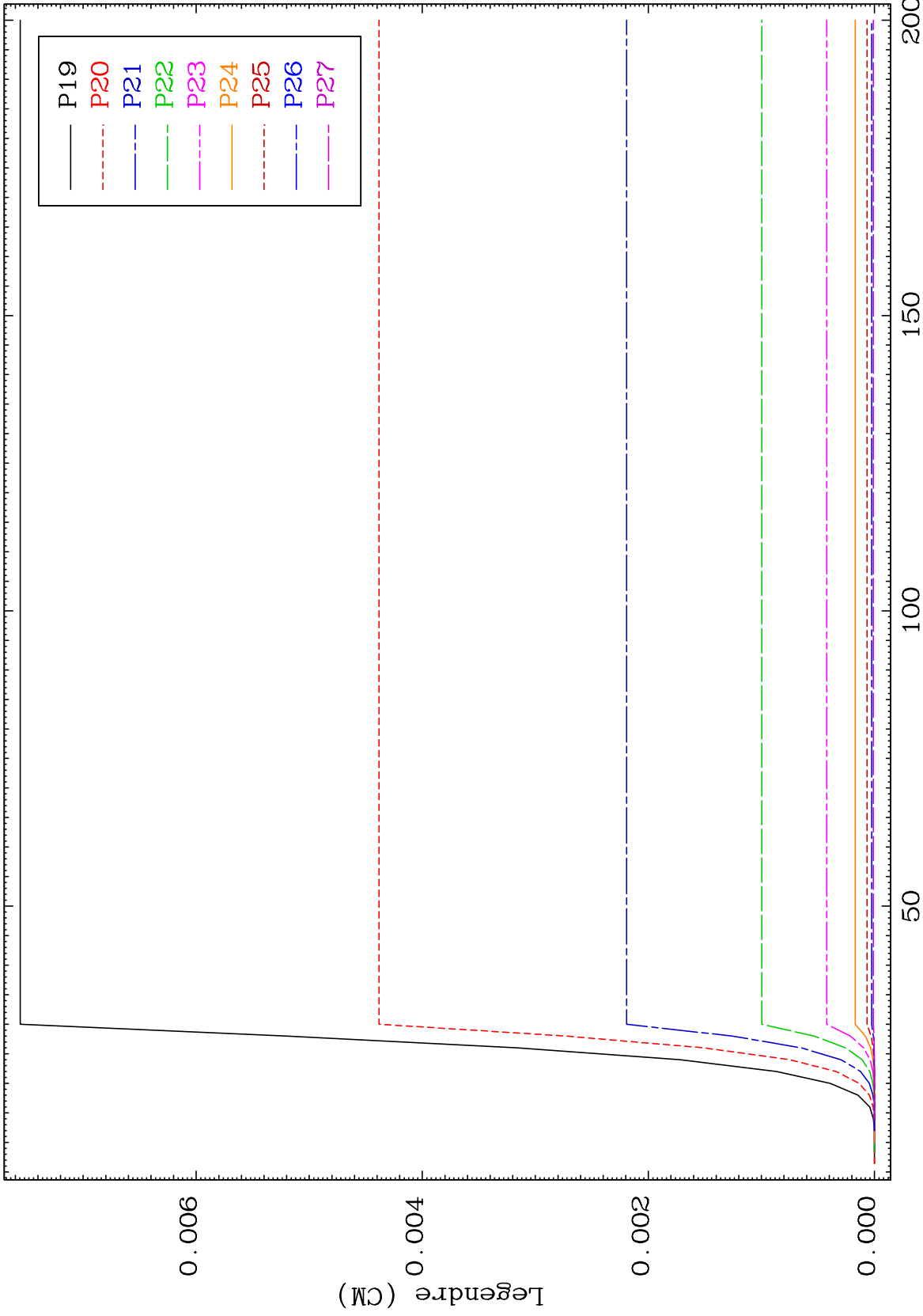
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



25

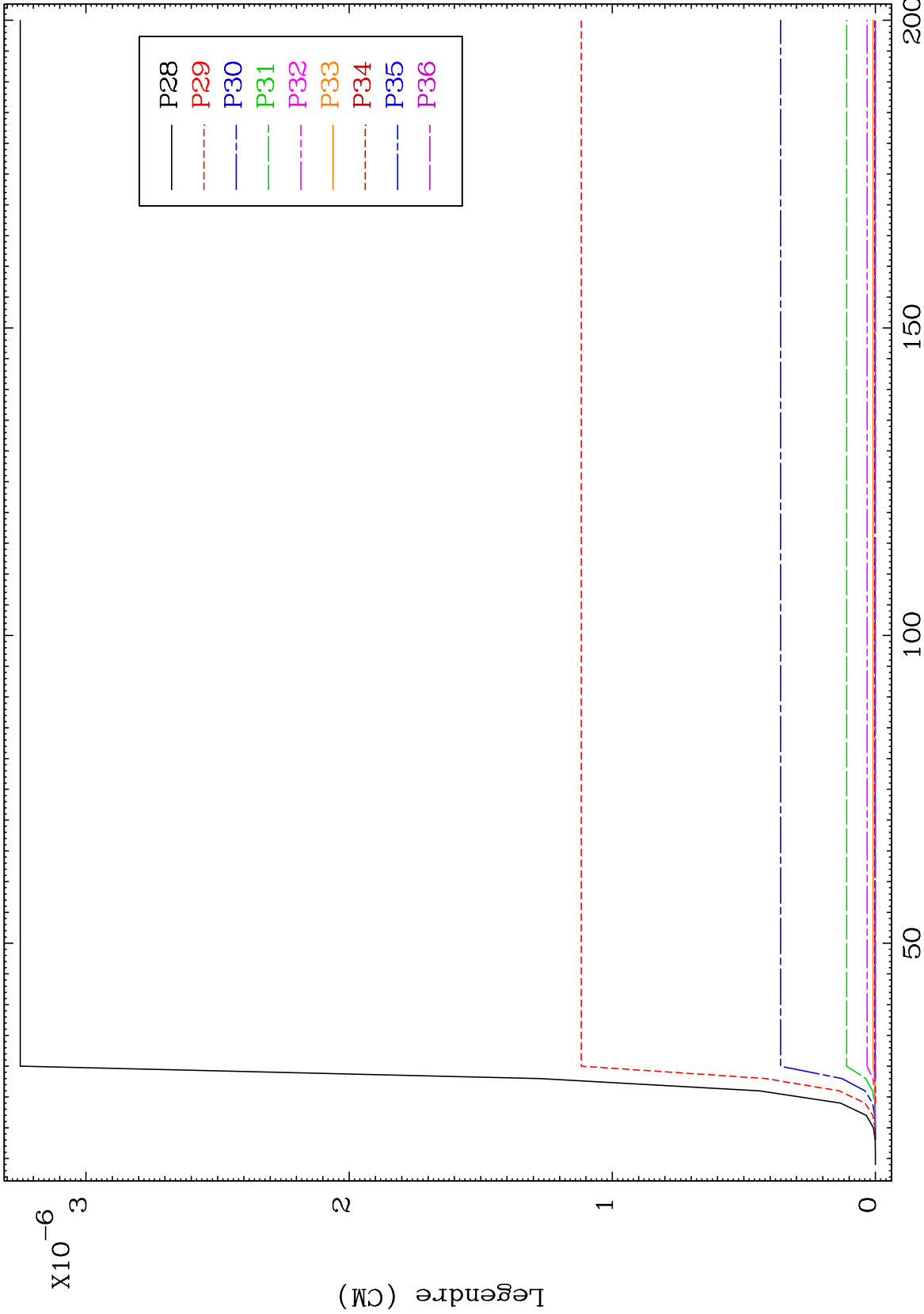
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



26

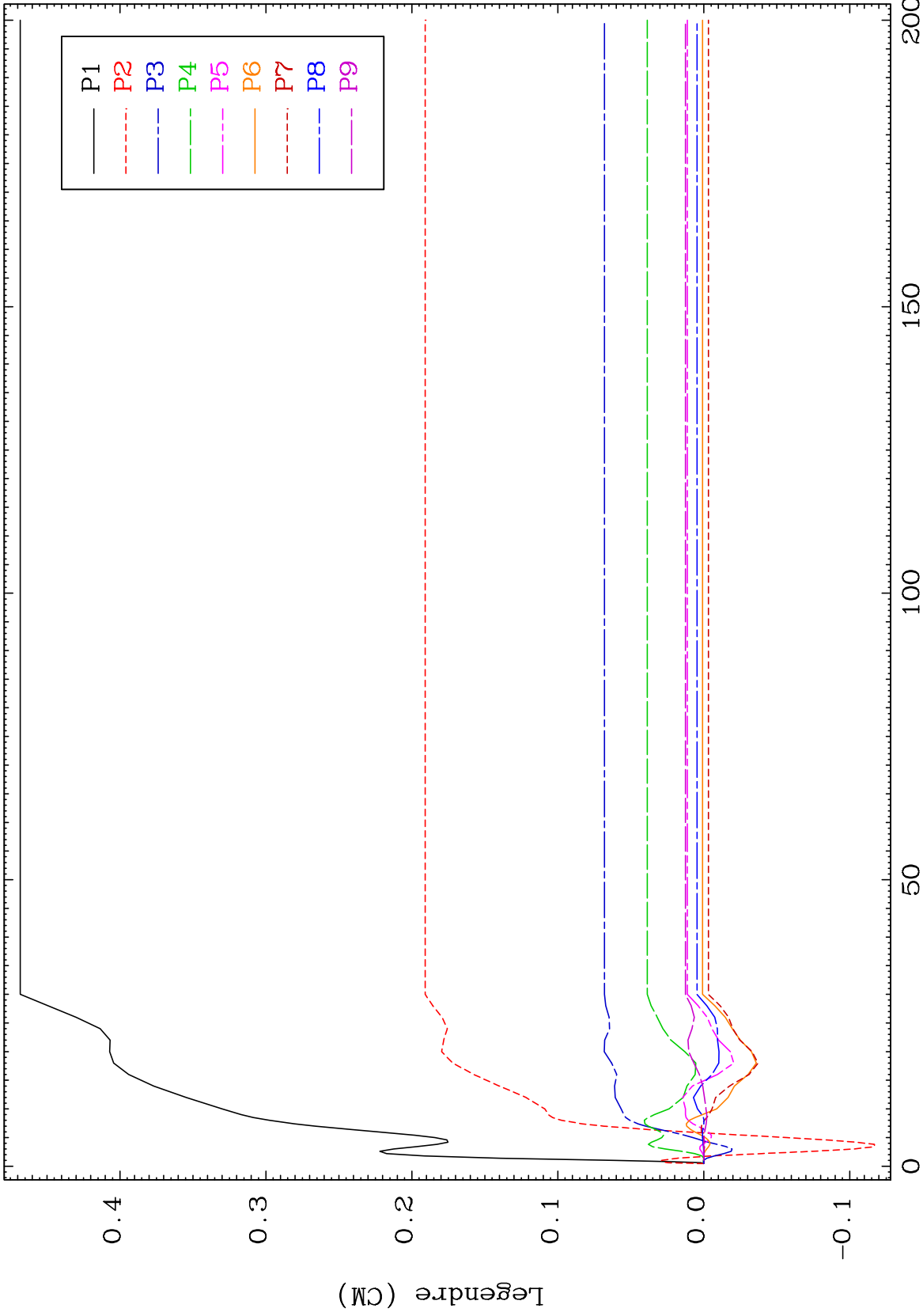
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



27

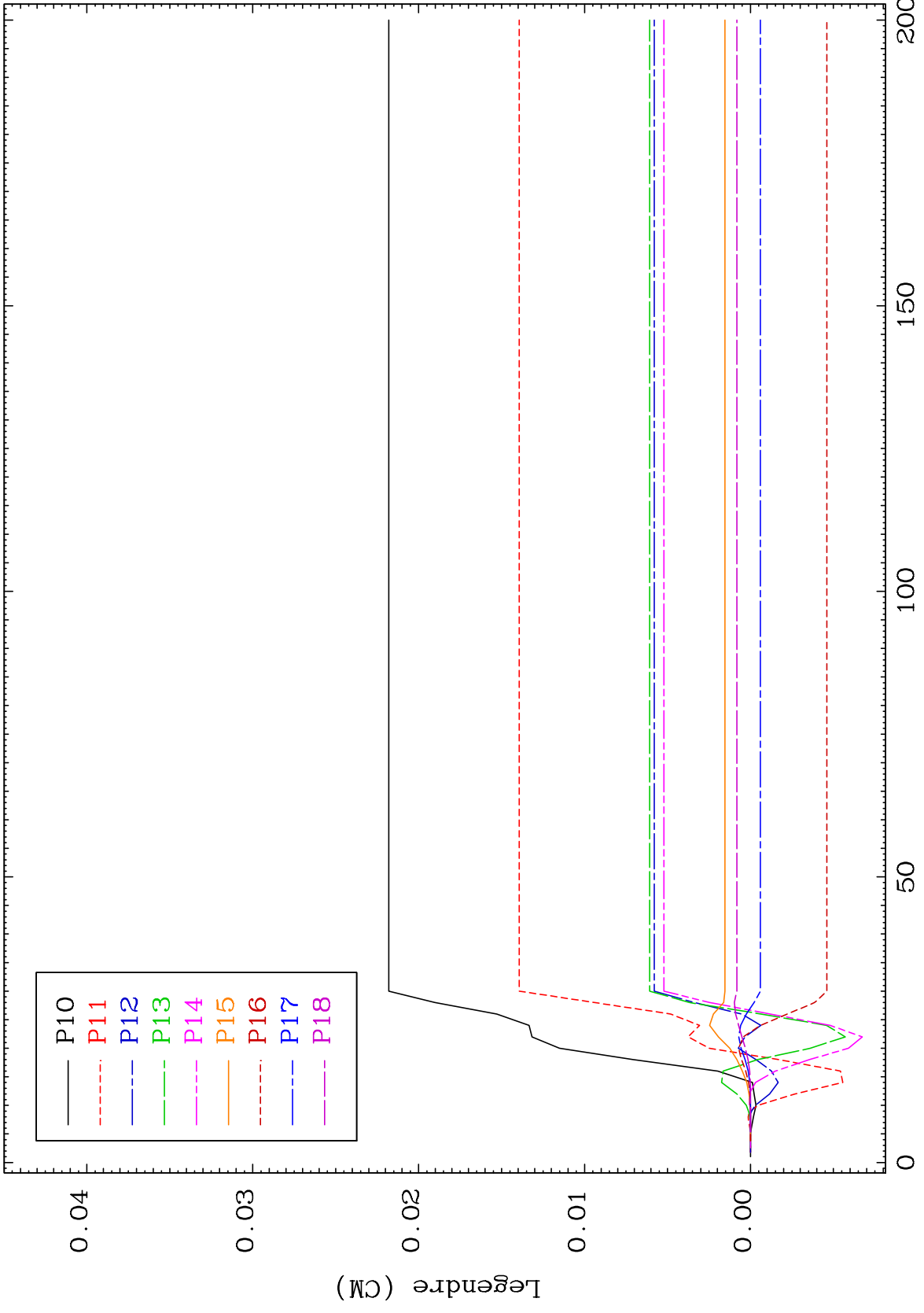
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



28

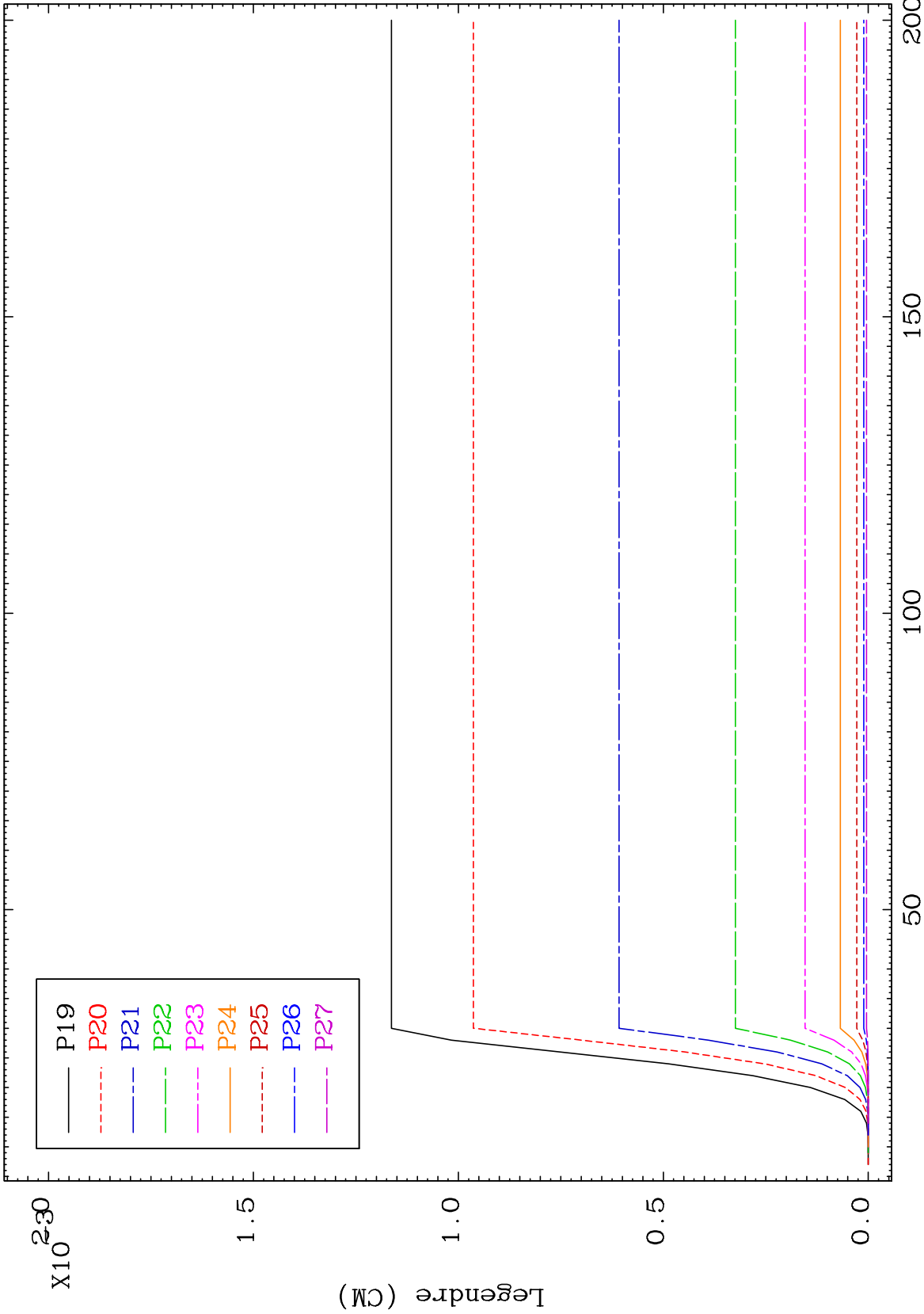
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



29

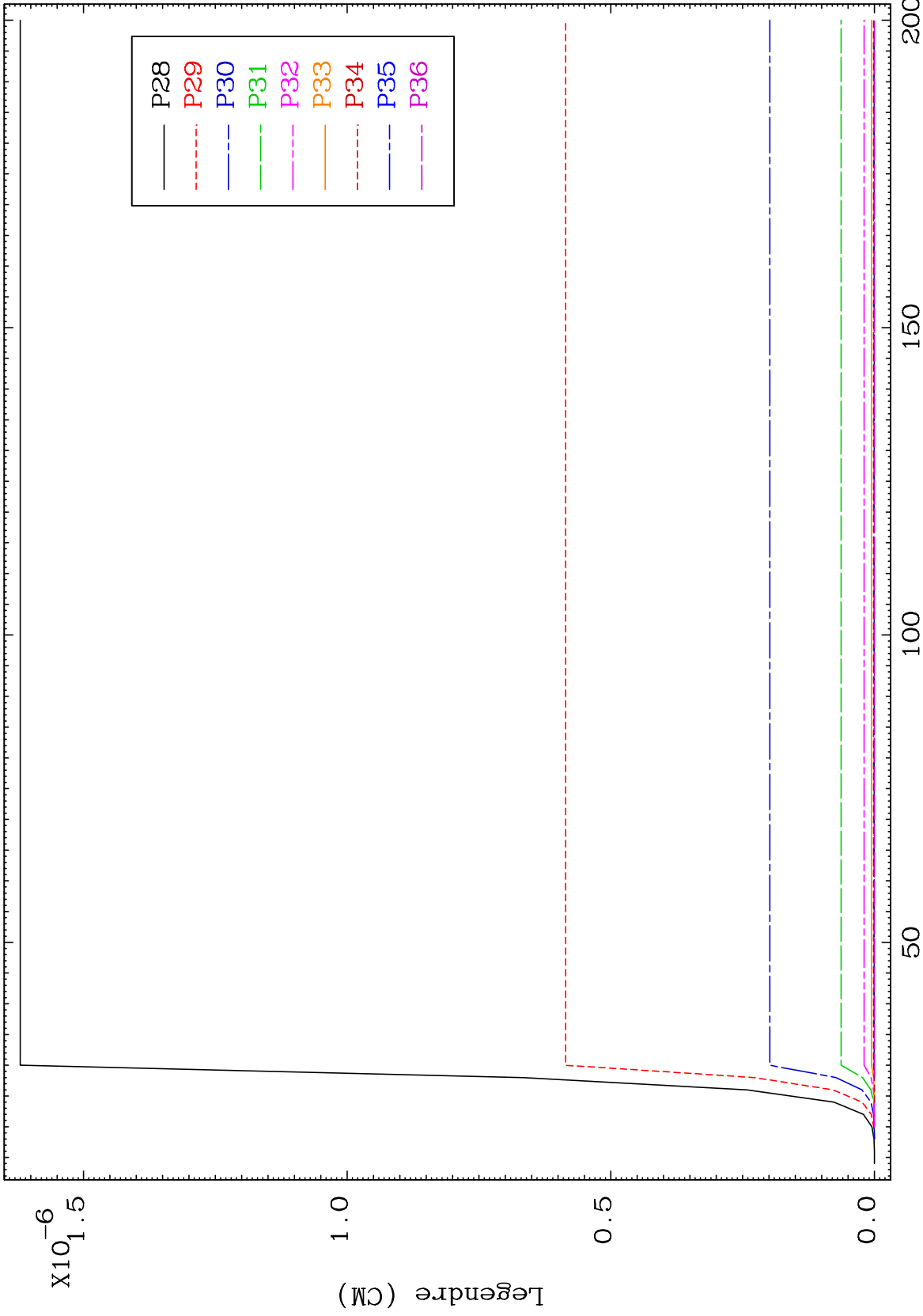
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



30

50

100

150

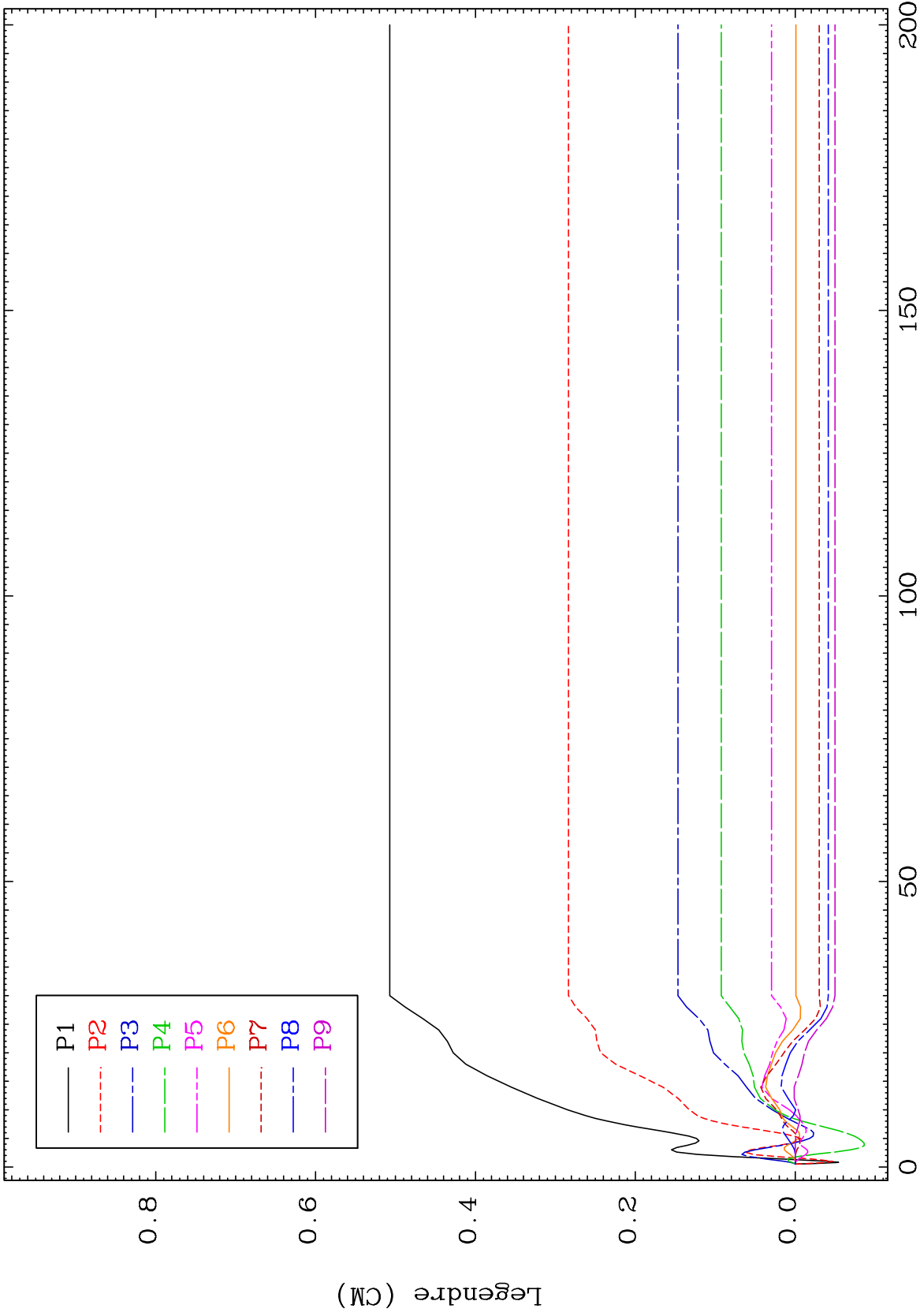
200

55-Cs-117

MAT 5477

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

55-Cs-117

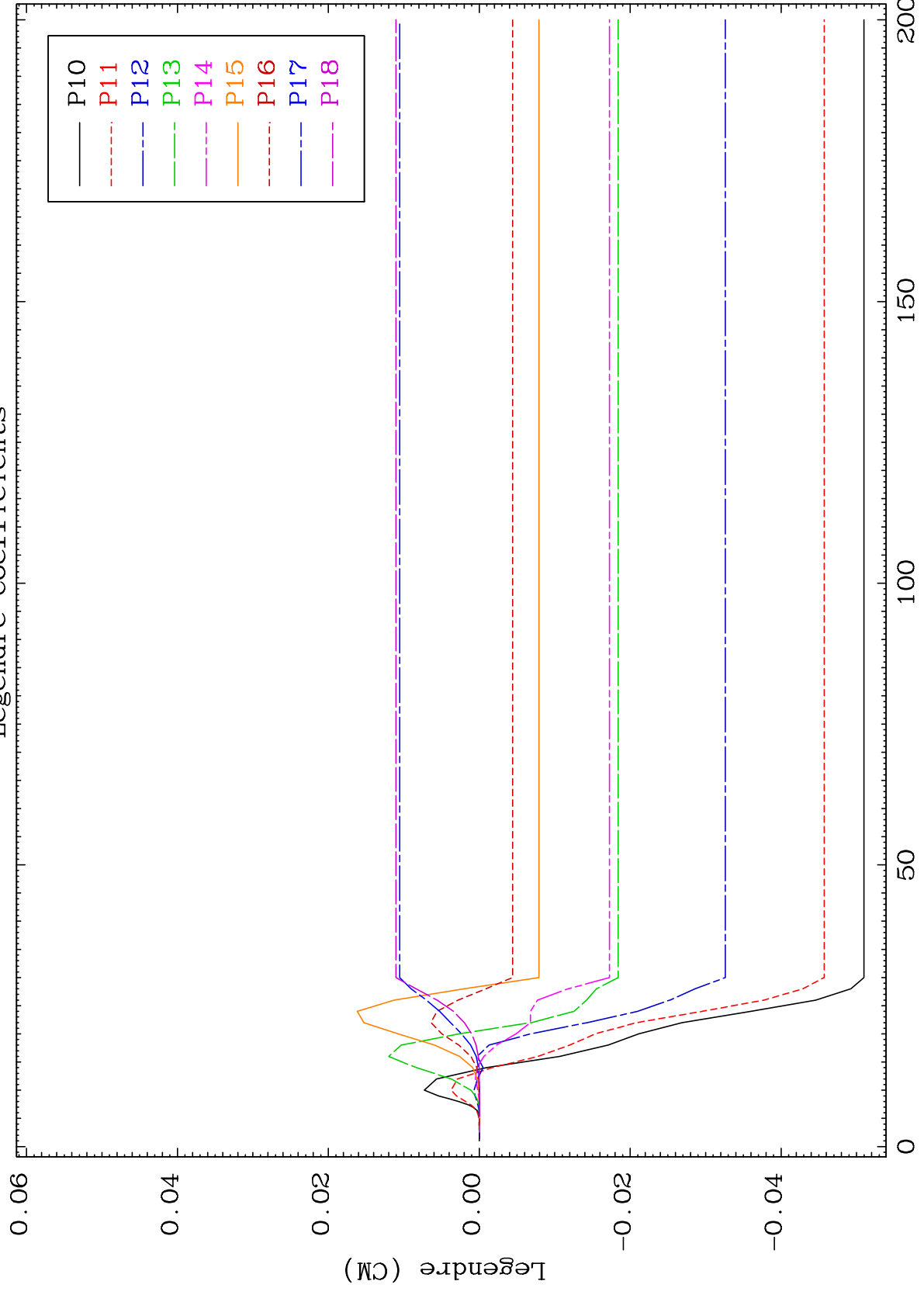


31

Incident Energy (MeV)

55-Cs-117

MAT 5477 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-117

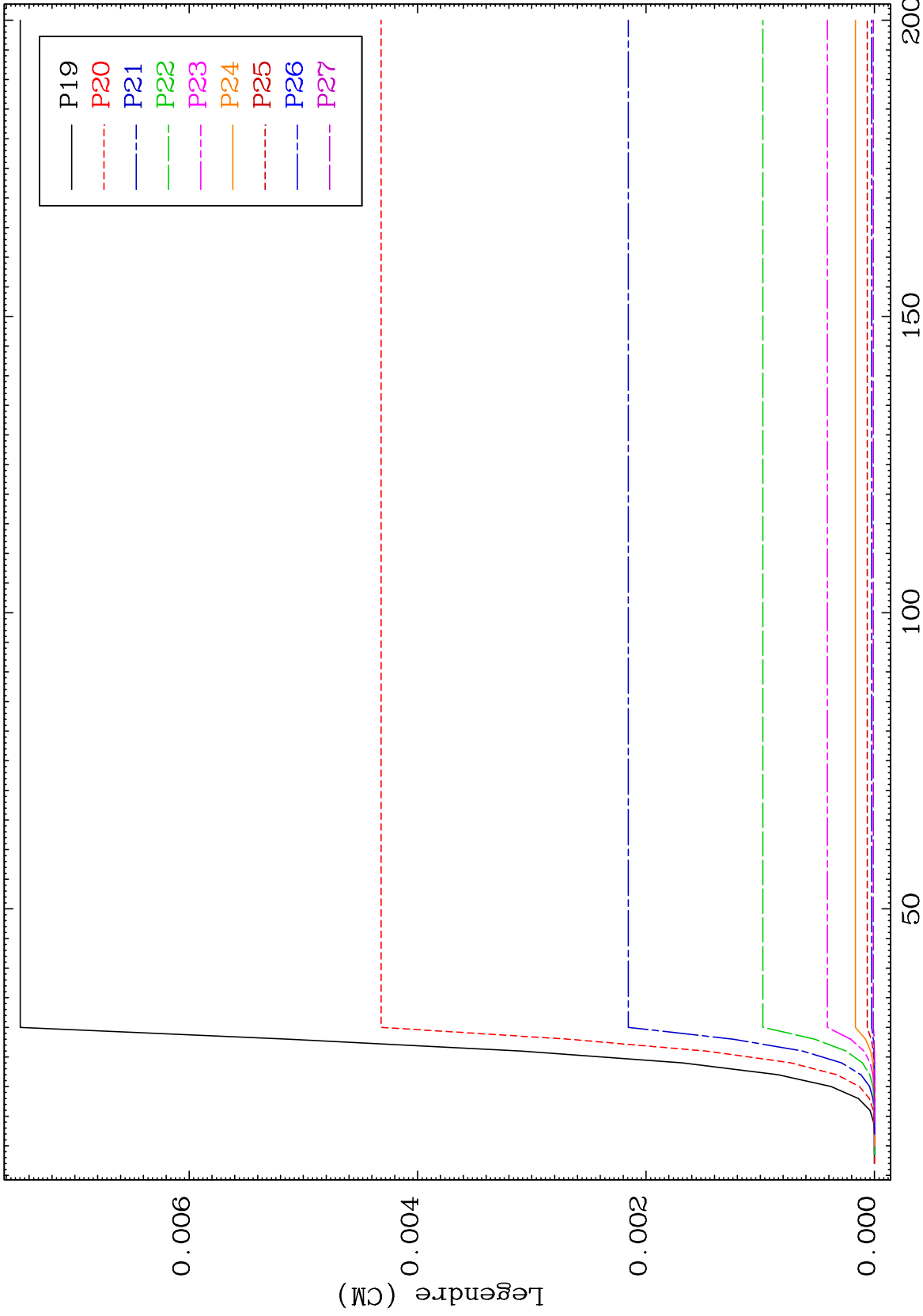


32 55-Cs-117

MAT 5477

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

55-Cs-117



33

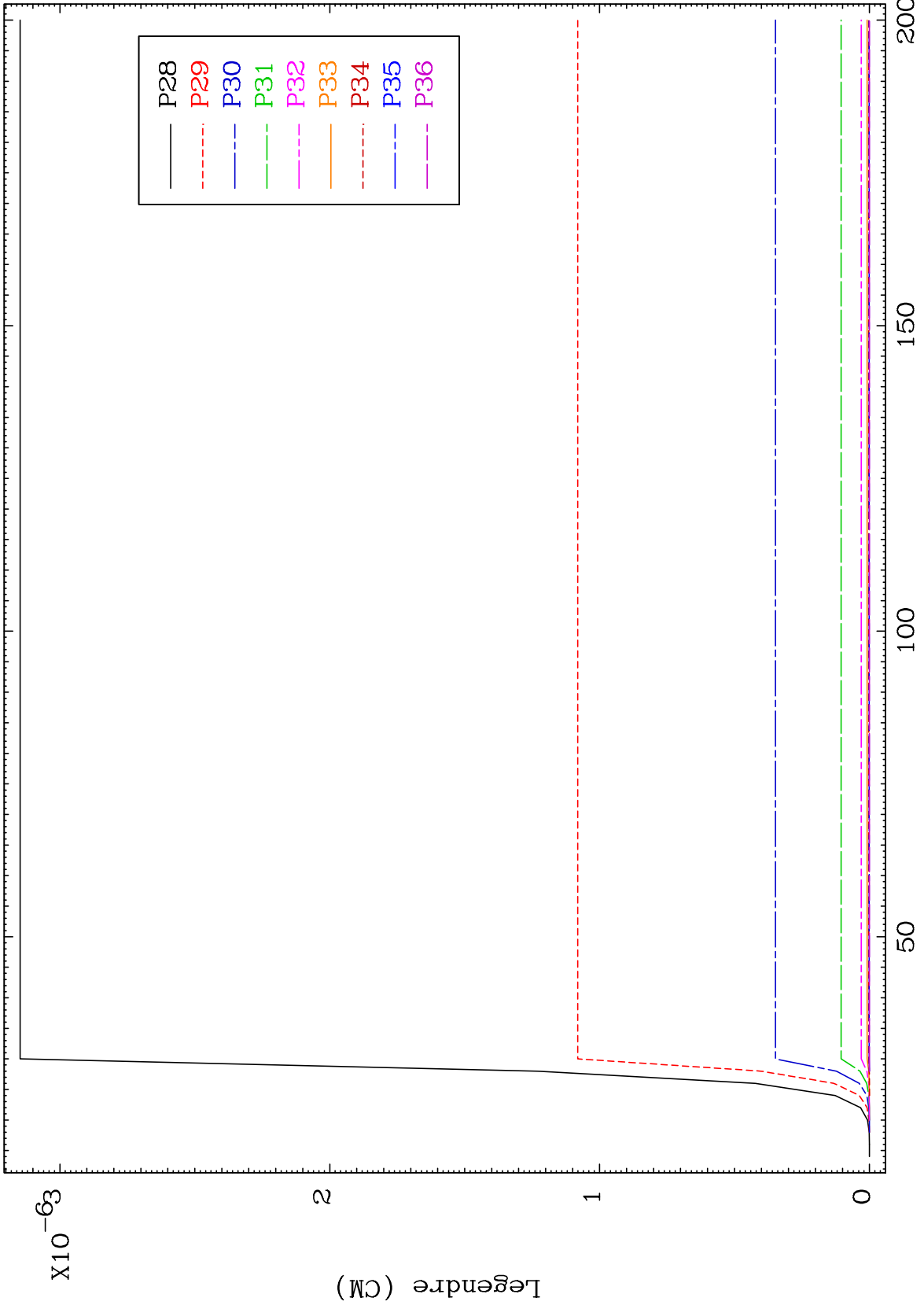
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



34

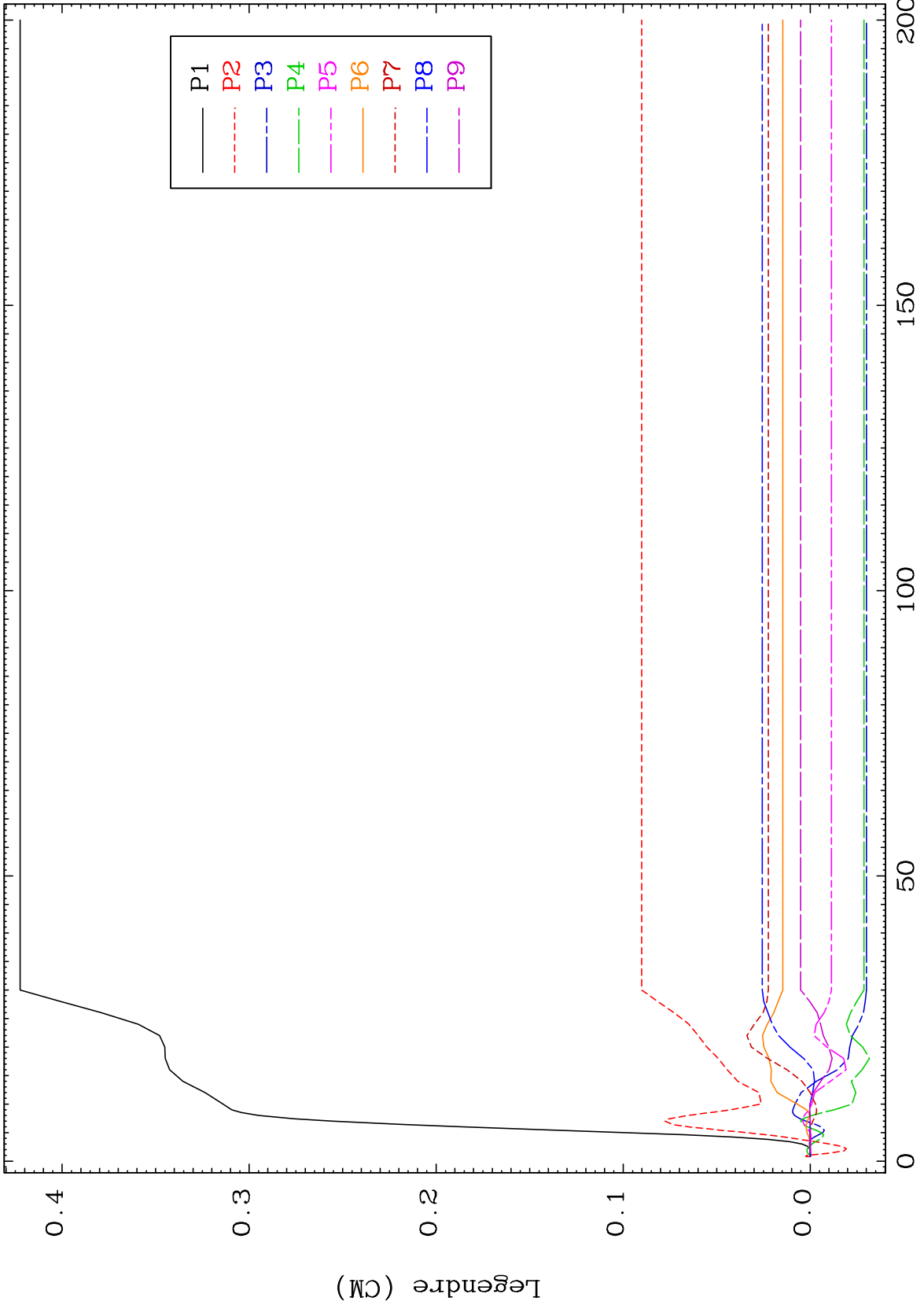
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



35

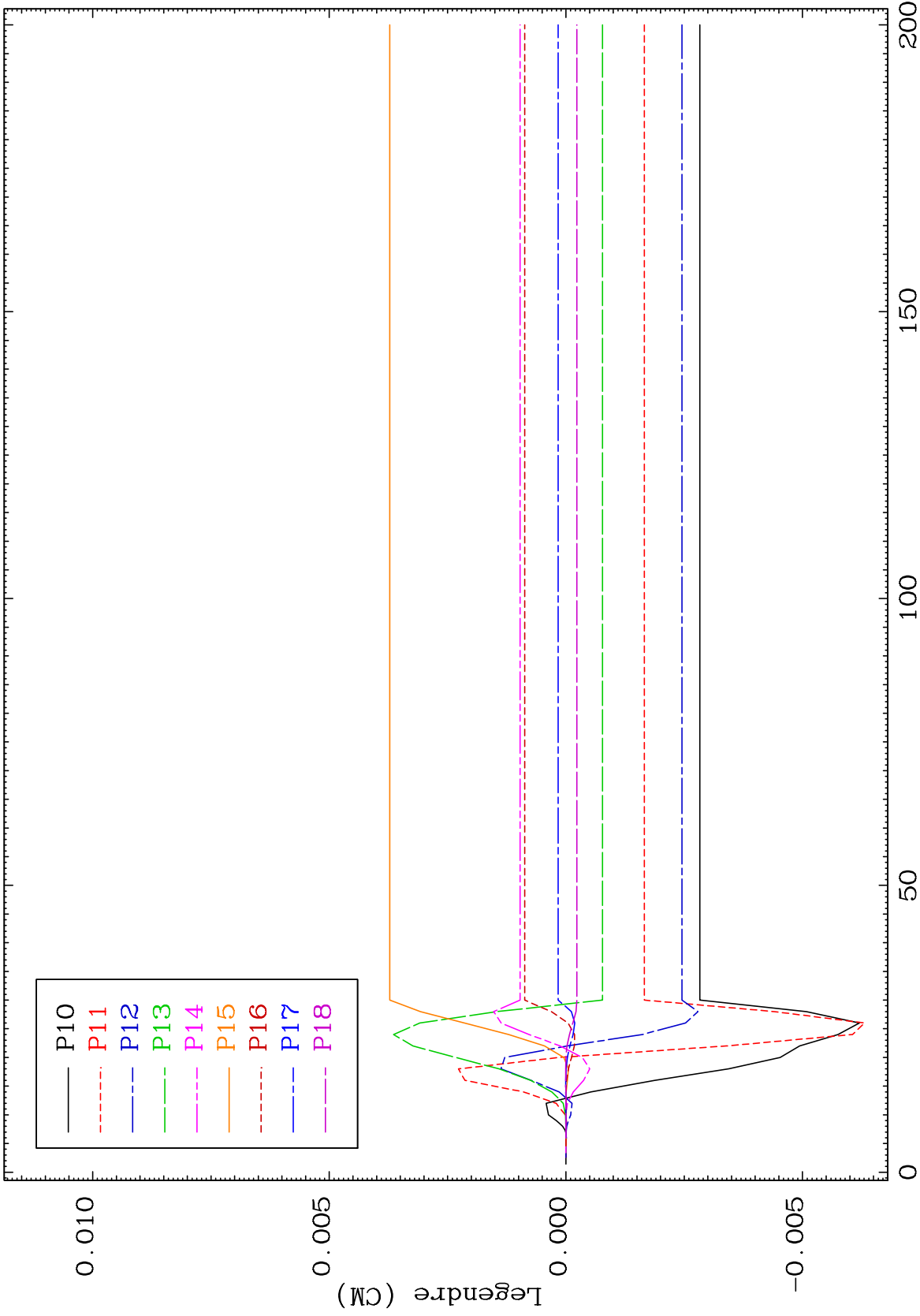
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



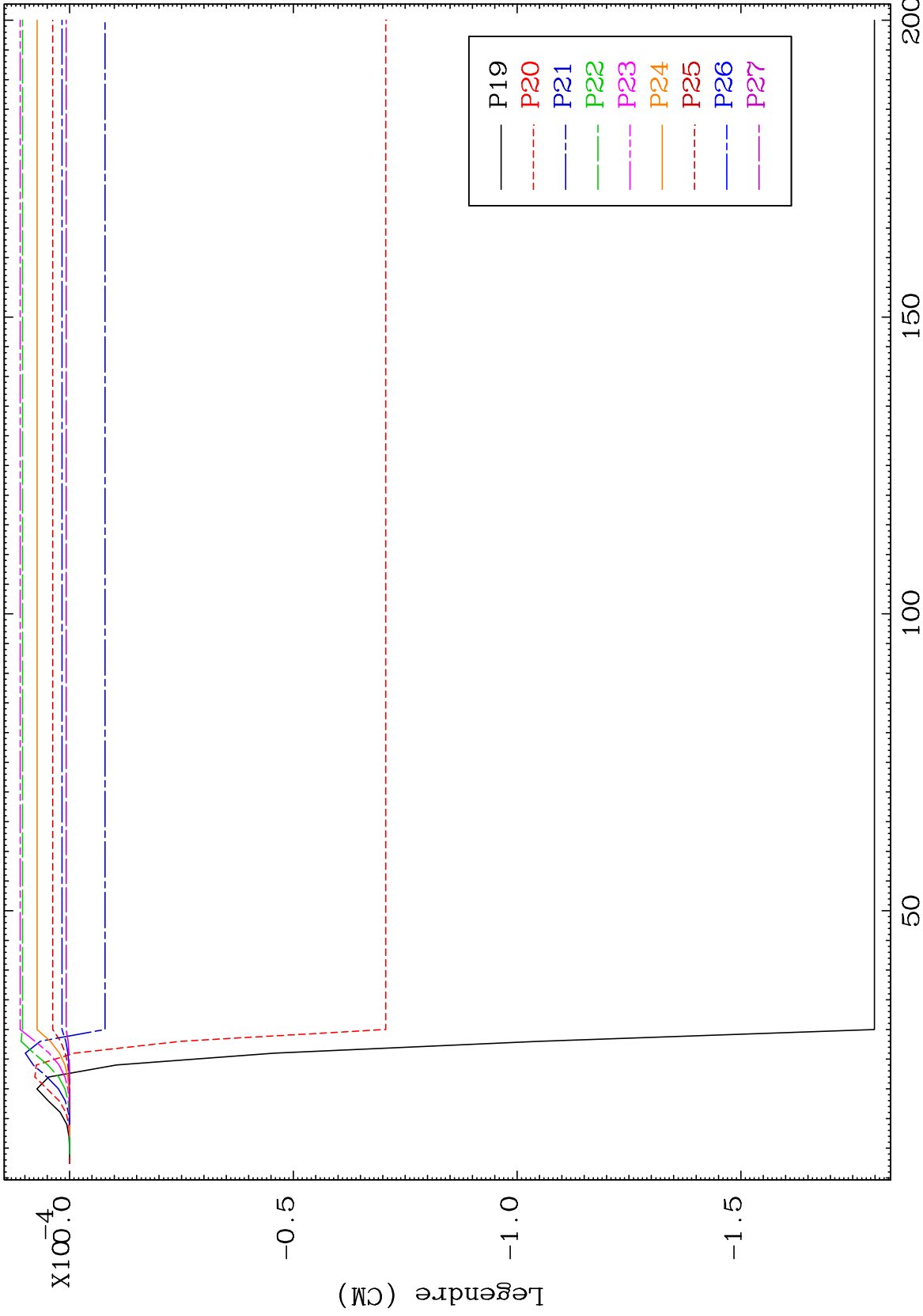
36

55-Cs-117

MAT 5477

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

55-Cs-117



37

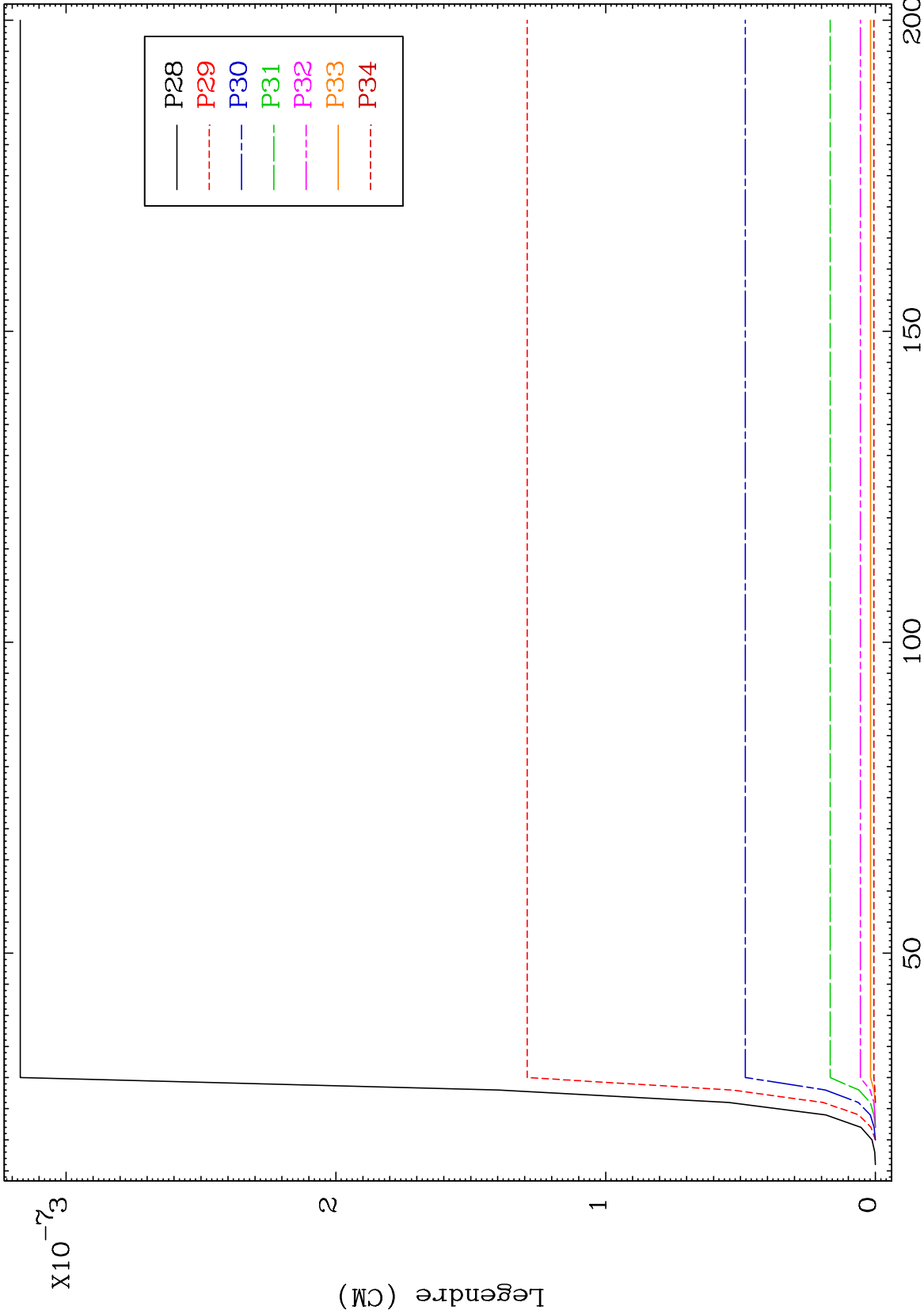
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



38

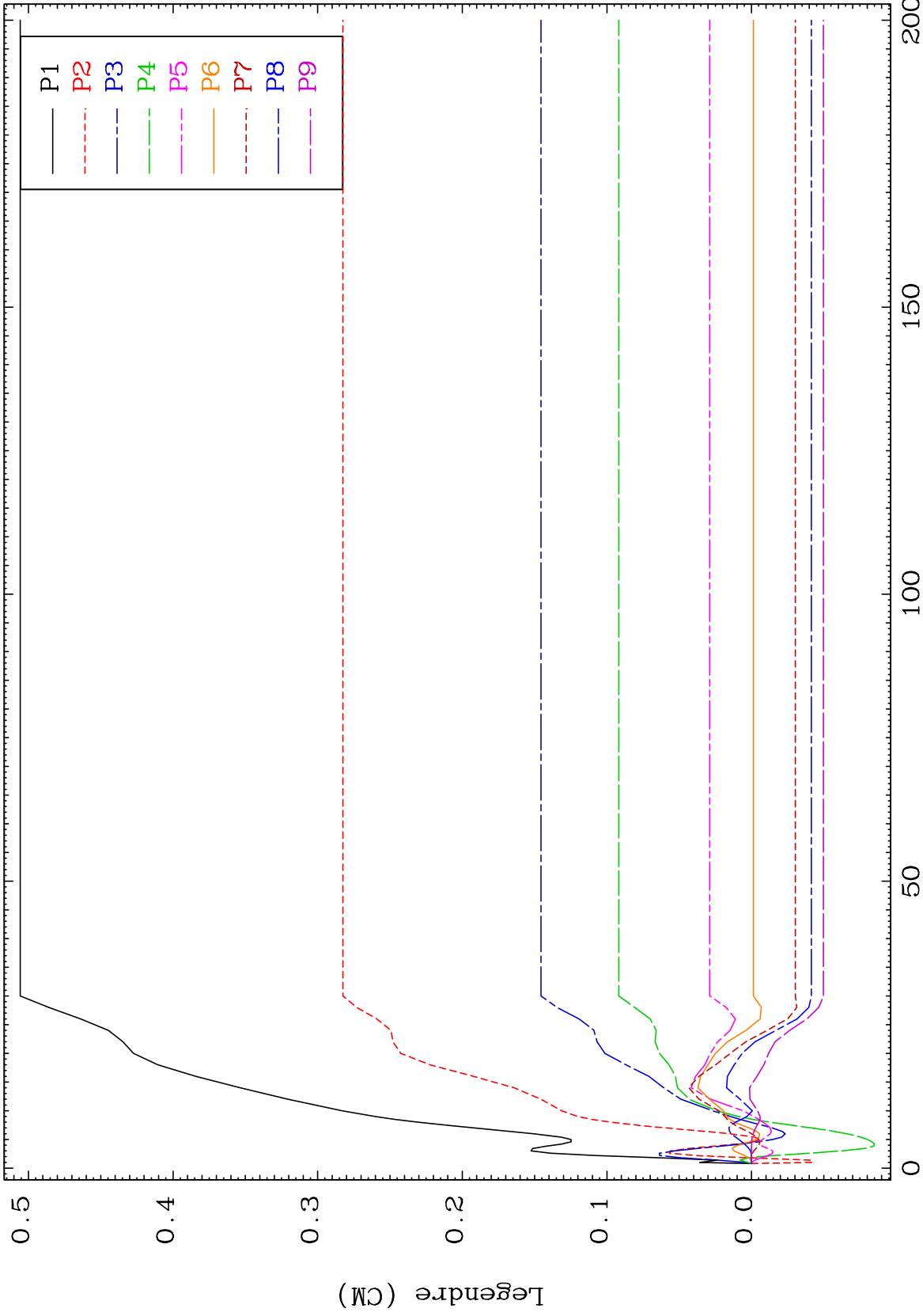
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



39

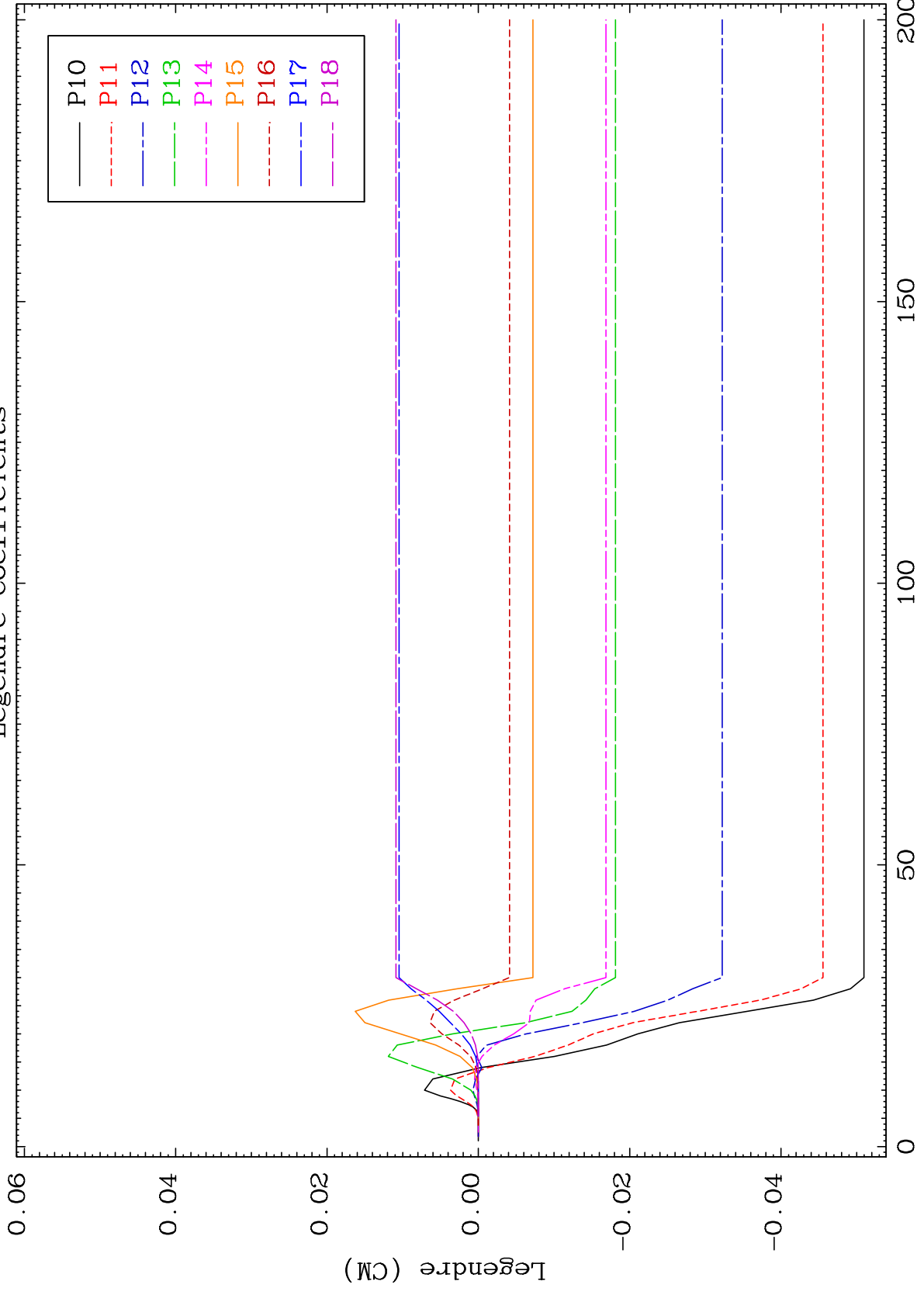
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



40

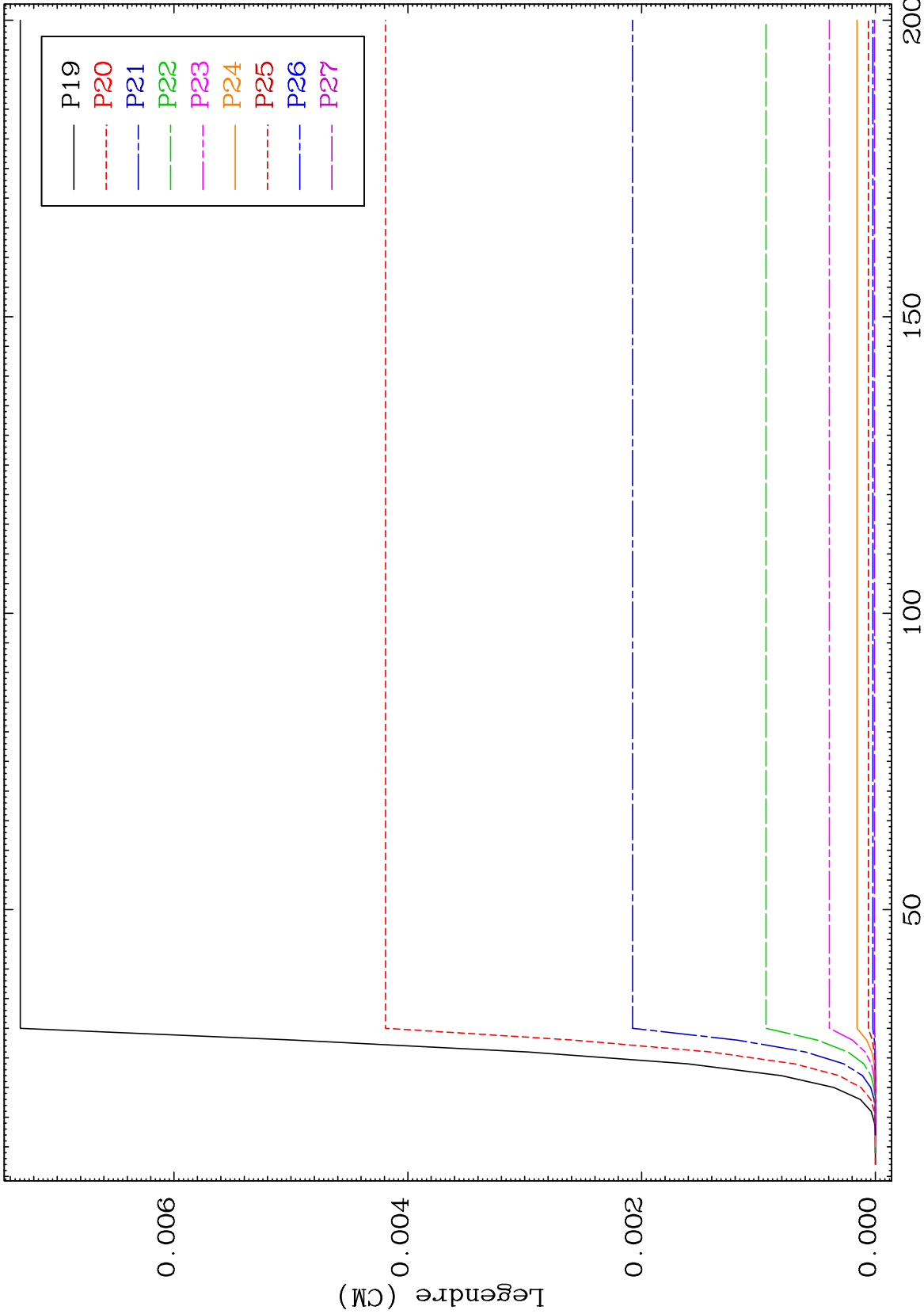
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



41

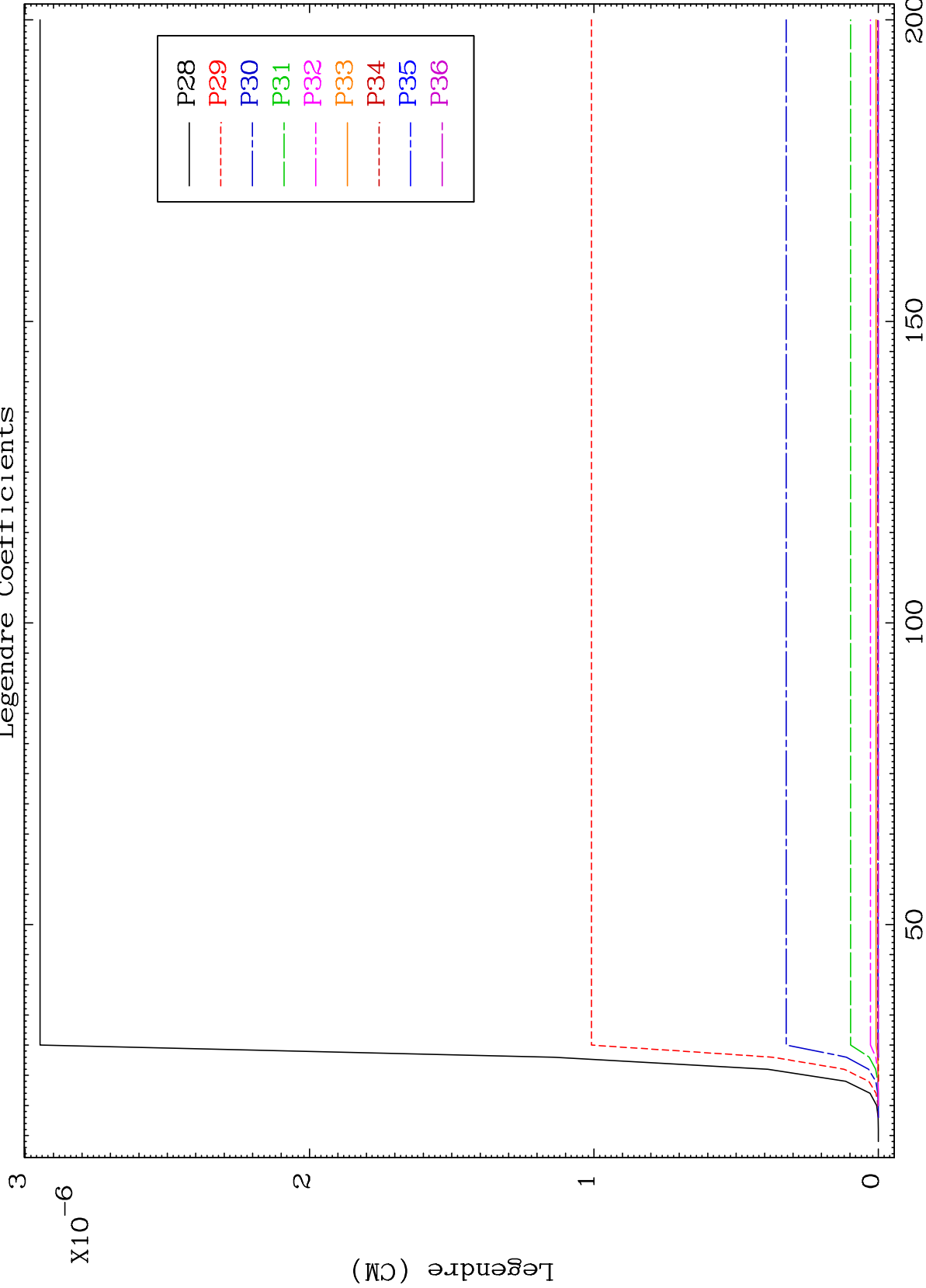
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



42

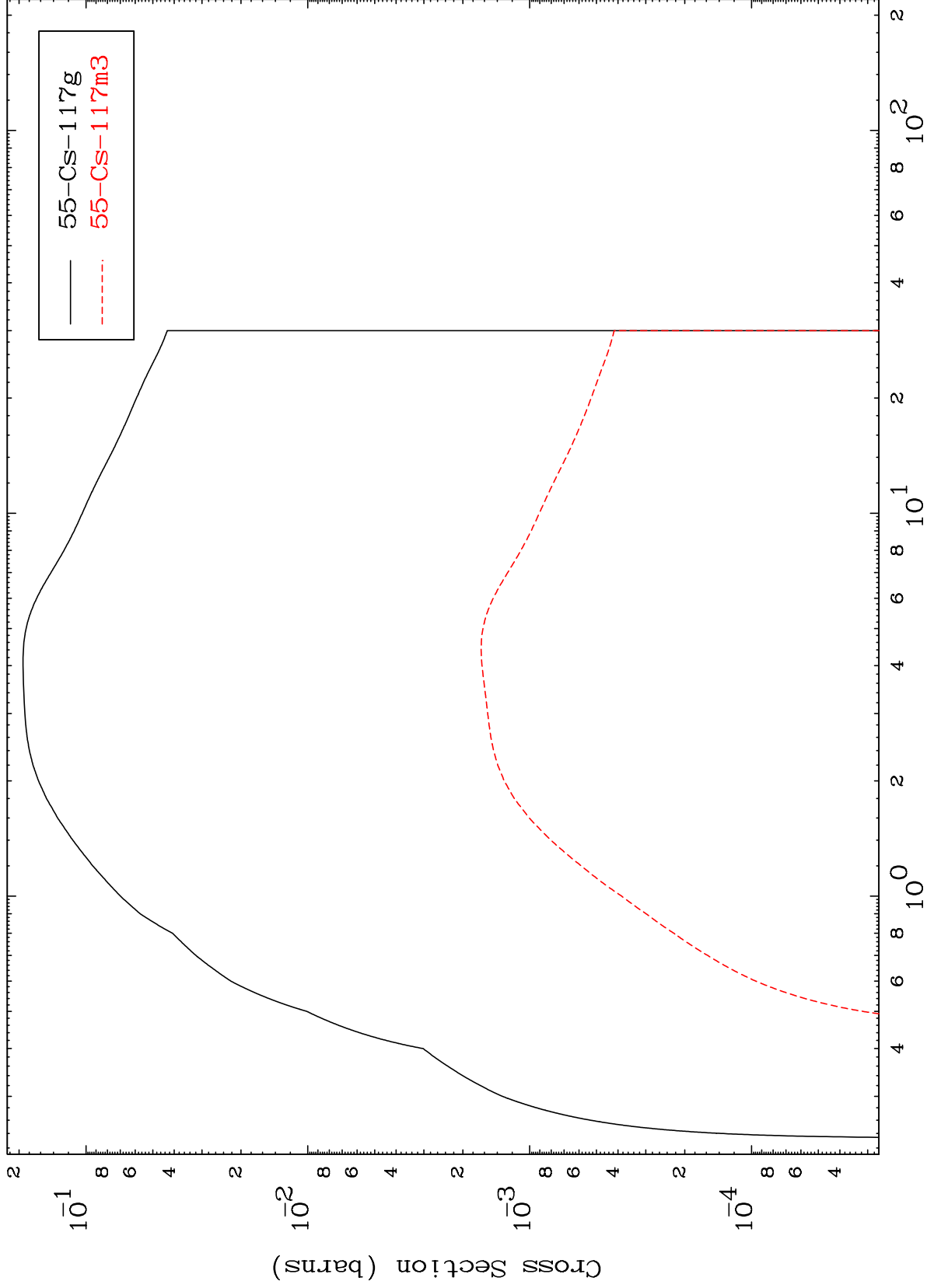
Incident Energy (MeV)

55-Cs-117

MAT 5477

Inelastic
Radionuclide Production Cross Section

55-Cs-117



43

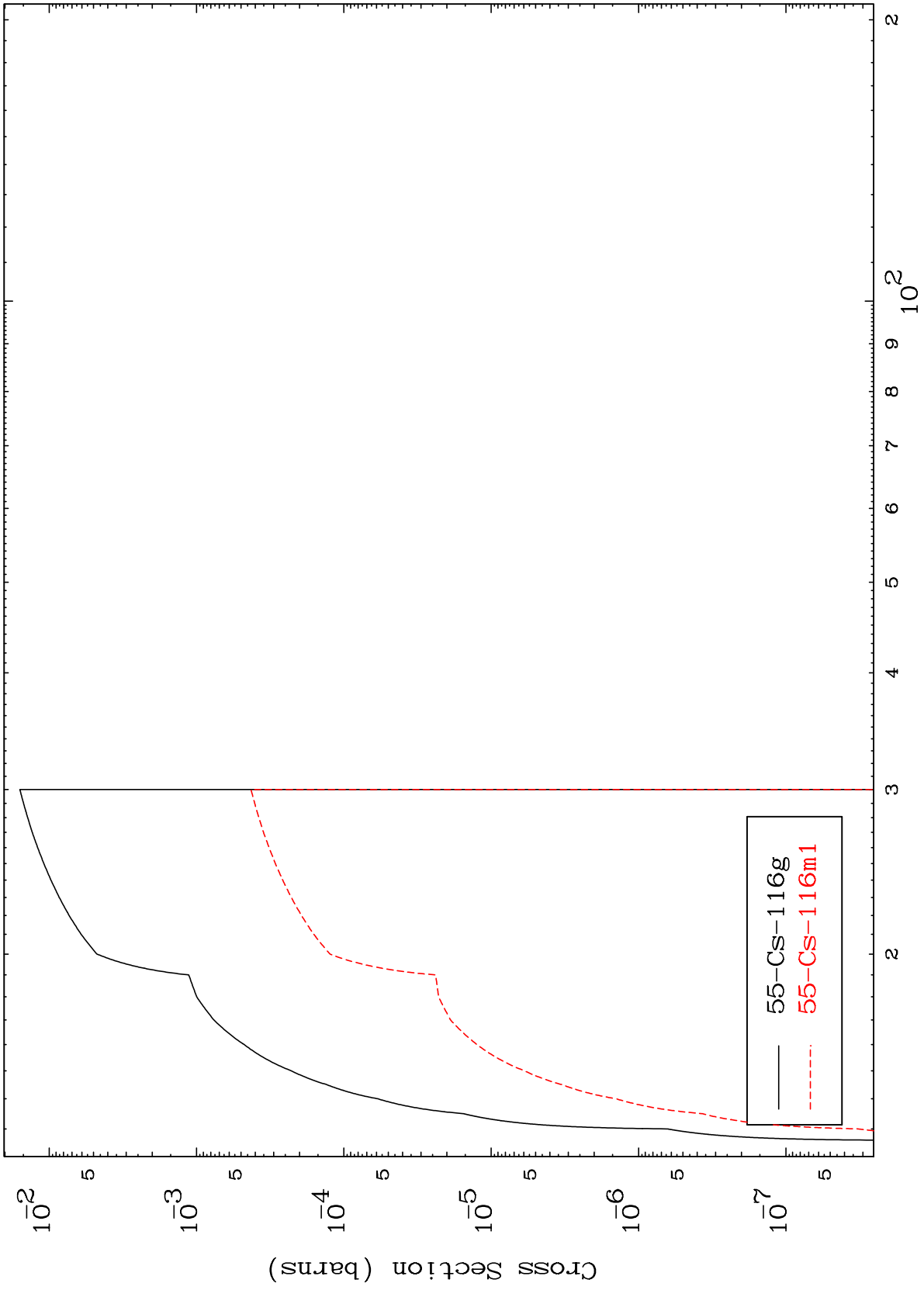
Incident Energy (MeV)

55-Cs-117

MAT 5477

55-Cs-117

Radionuclide Production Cross Section
(n,2n)



44

Incident Energy (MeV)

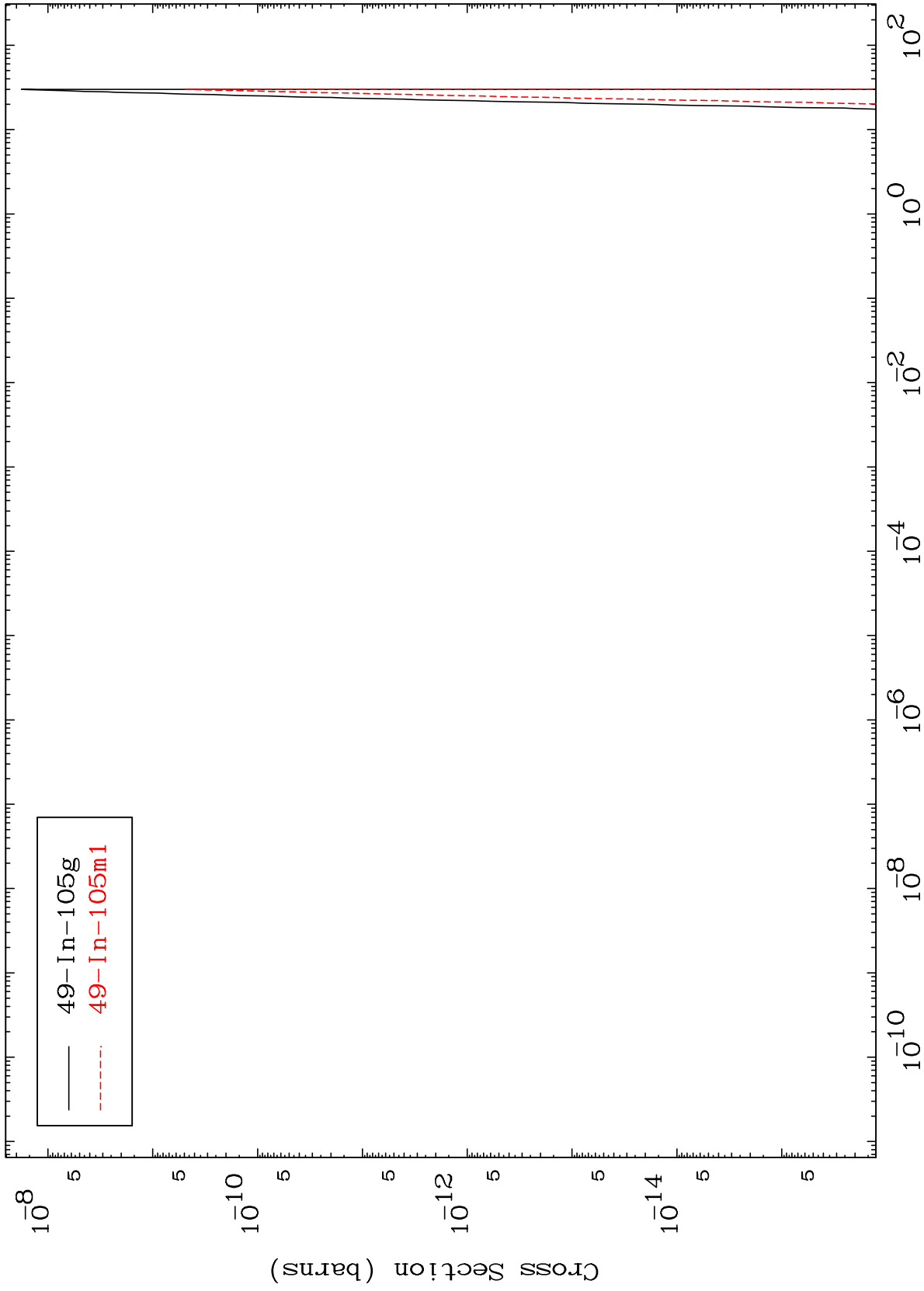
55-Cs-117

MAT 5477

(n,n') 3 α

55-Cs-117

Radionuclide Production Cross Section



45

Incident Energy (MeV)

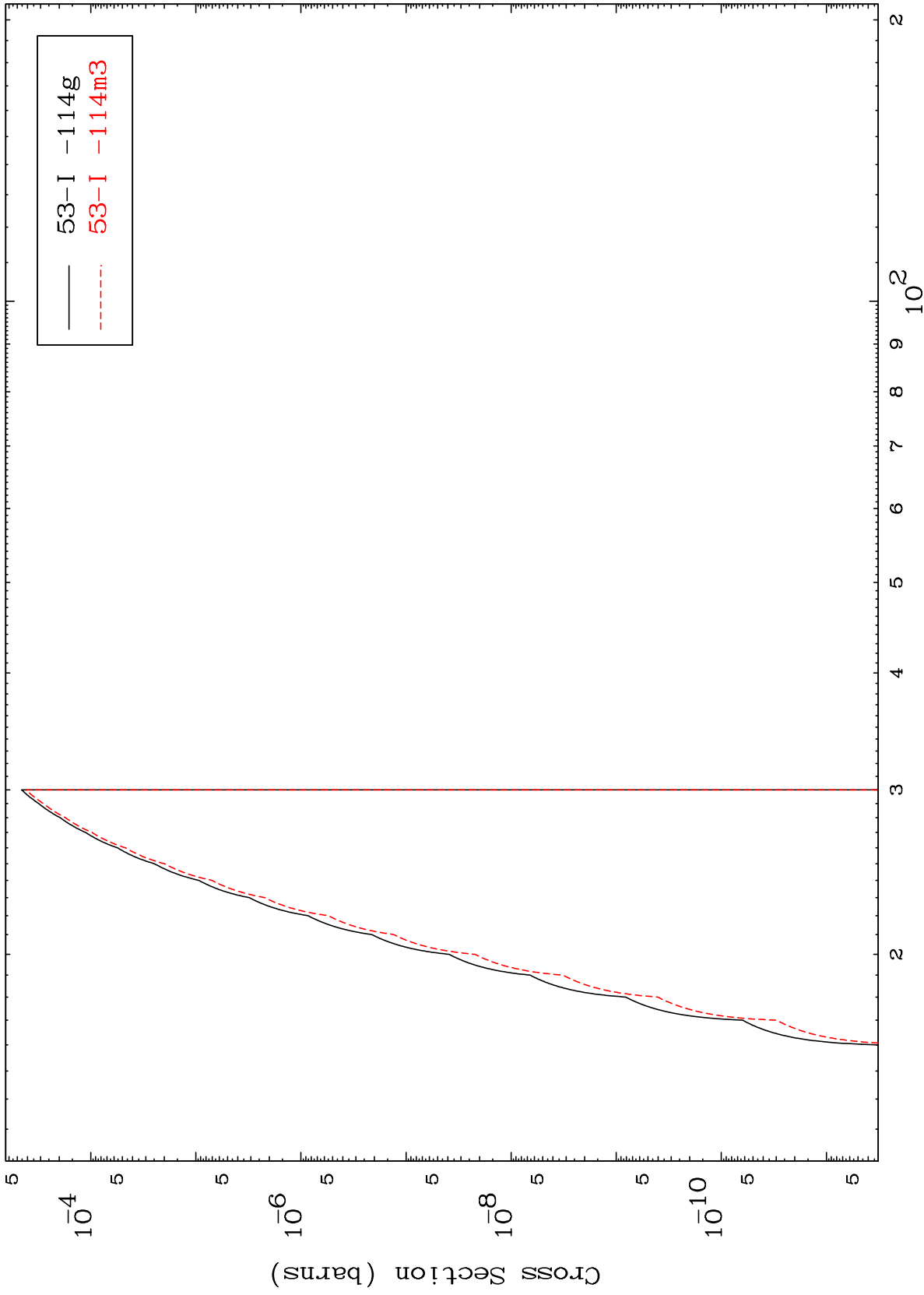
55-Cs-117

MAT 5477

(n, n') He-3

55-Cs-117

Radionuclide Production Cross Section



46

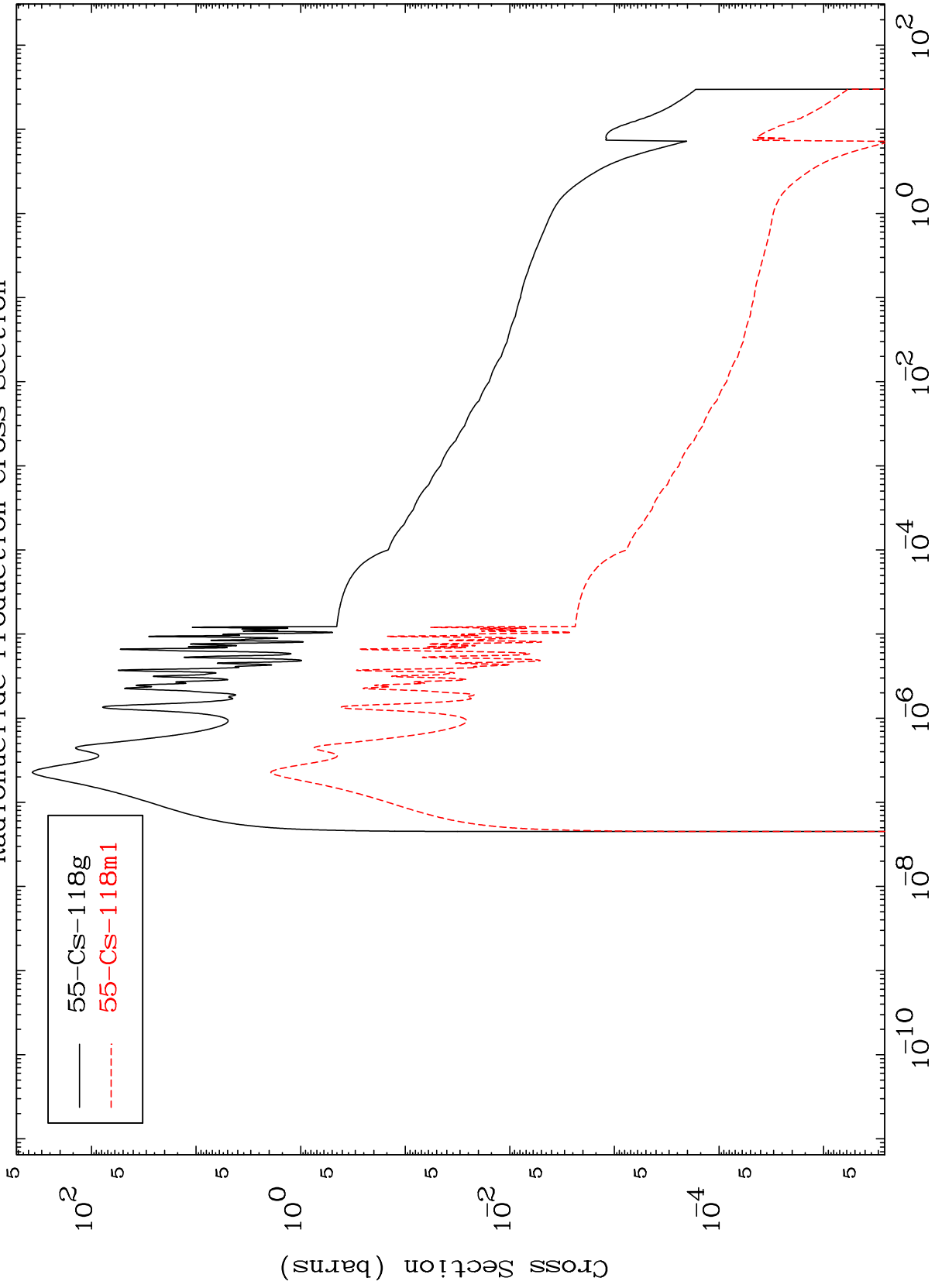
Incident Energy (MeV)

55-Cs-117

MAT 5477

Radionuclide Production Cross Section
(n,γ)

55-Cs-117



47

55-Cs-117

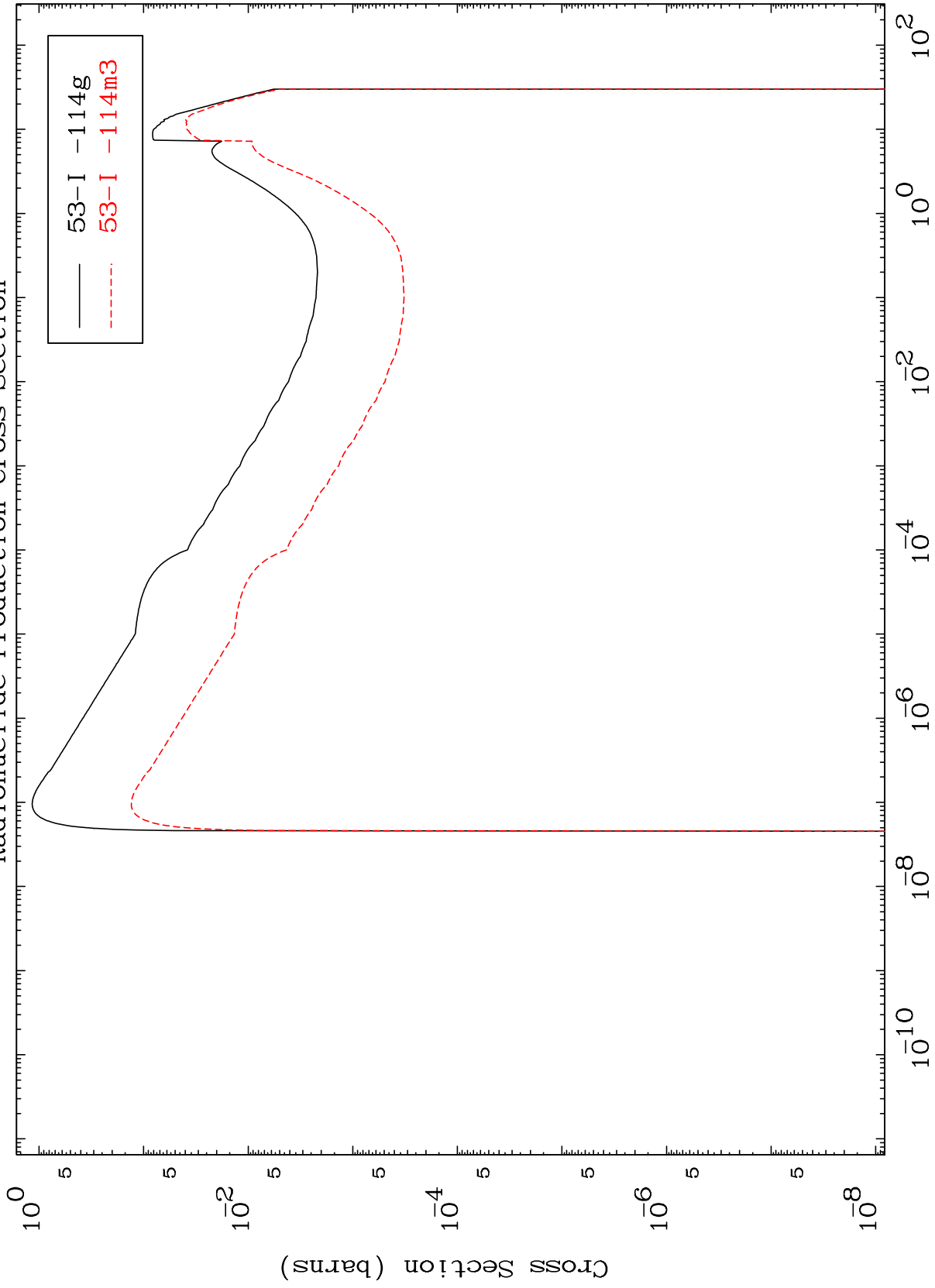
55-Cs-117

MAT 5477

(n, α)

55-Cs-117

Radionuclide Production Cross Section



48

Incident Energy (MeV)

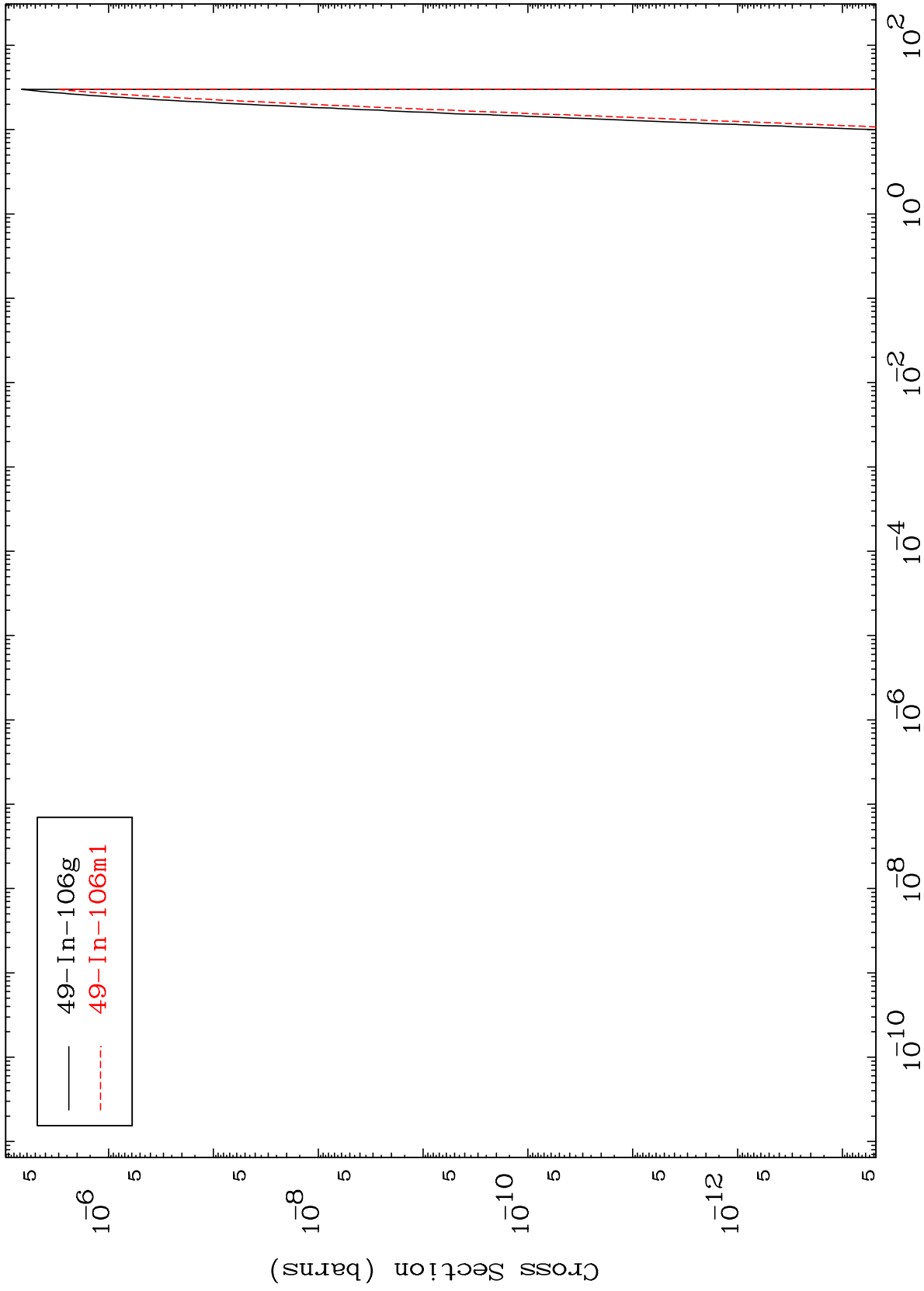
55-Cs-117

MAT 5477

(n,3α)

55-Cs-117

Radionuclide Production Cross Section



49

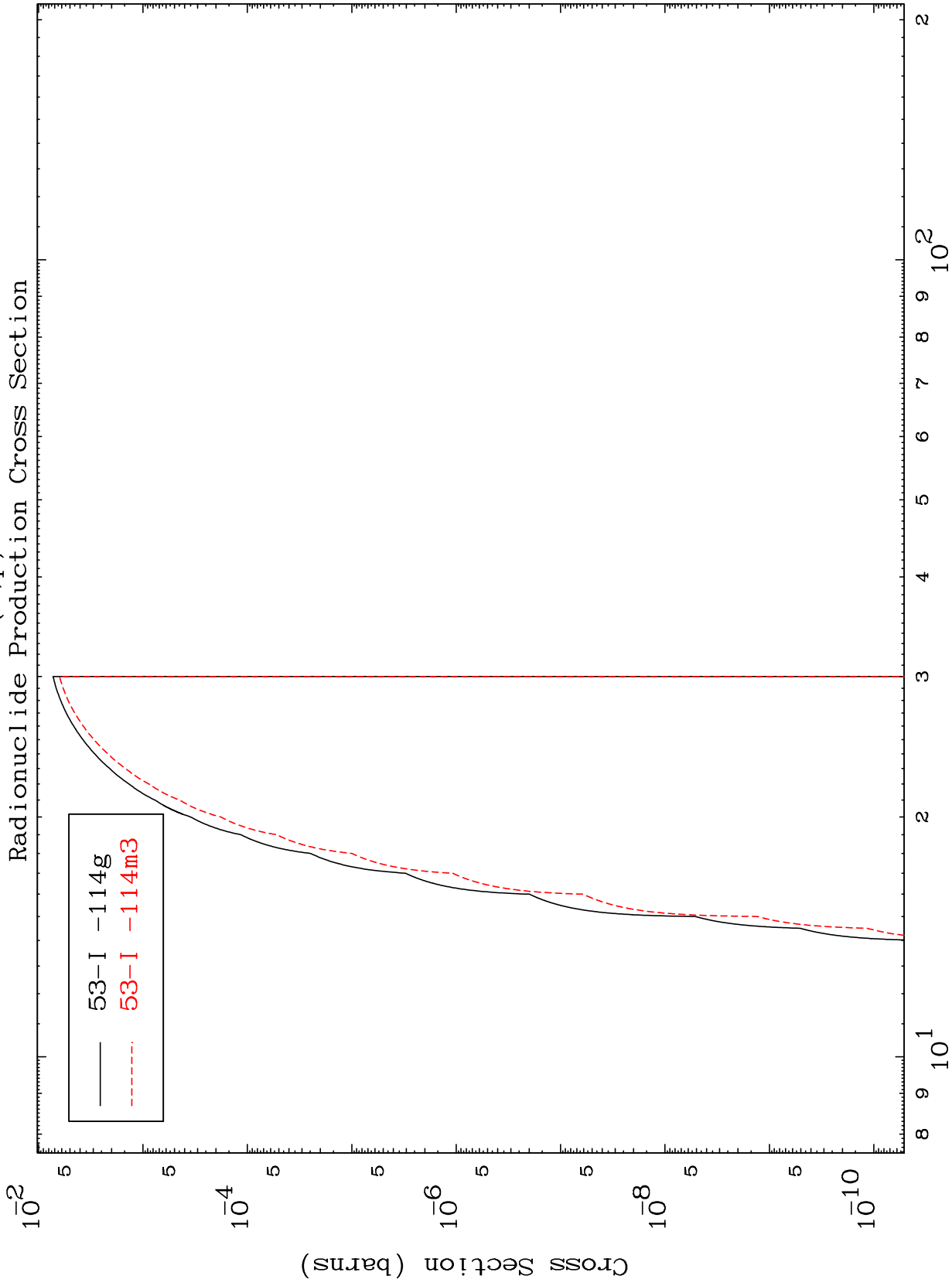
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,p) t

55-Cs-117



53-I -114g
53-I -114m3

50

Incident Energy (MeV)

55-Cs-117