

Program EVALPLOT
(Version 2015-2)

by

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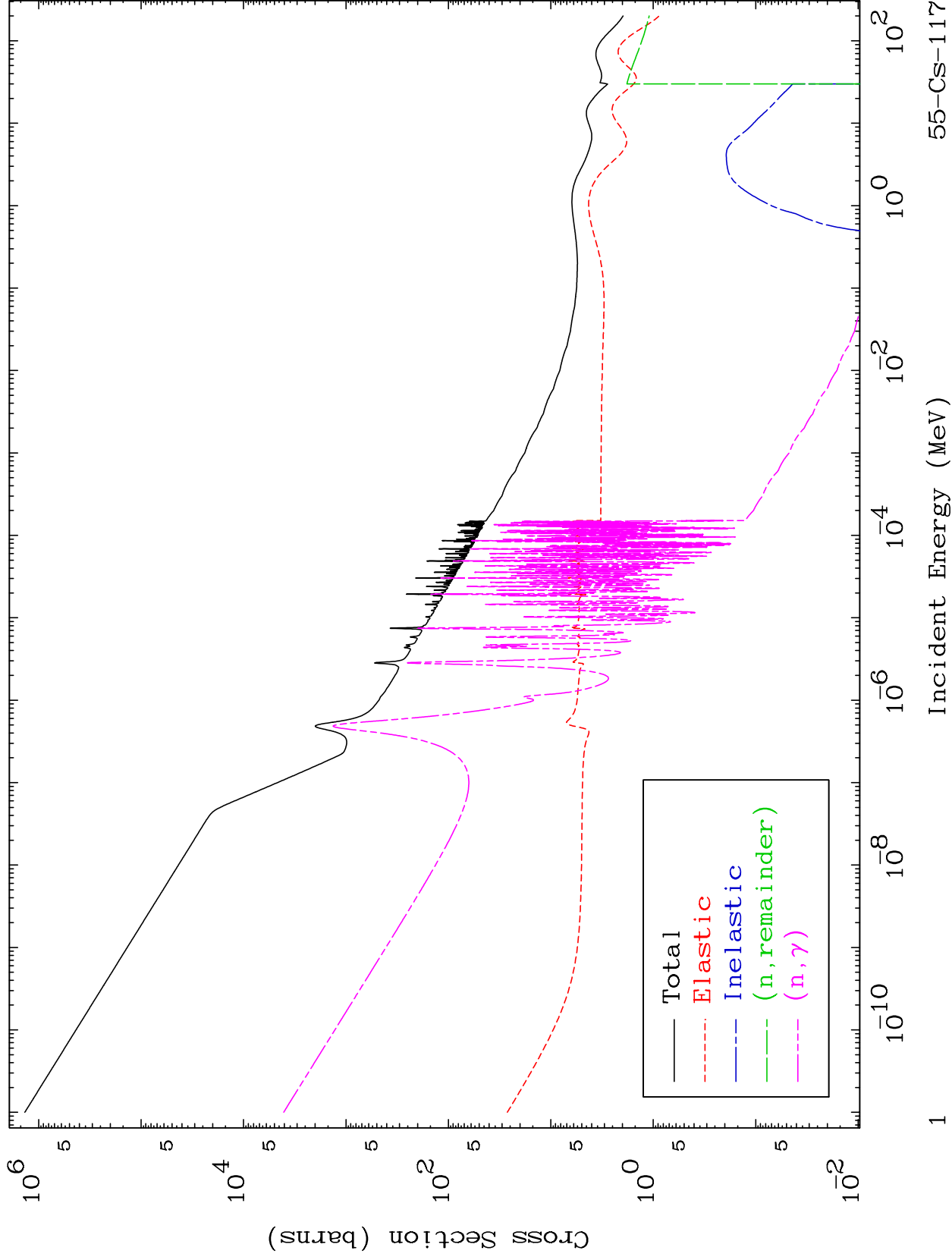
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5477

Major
293 Kelvin Cross Sections

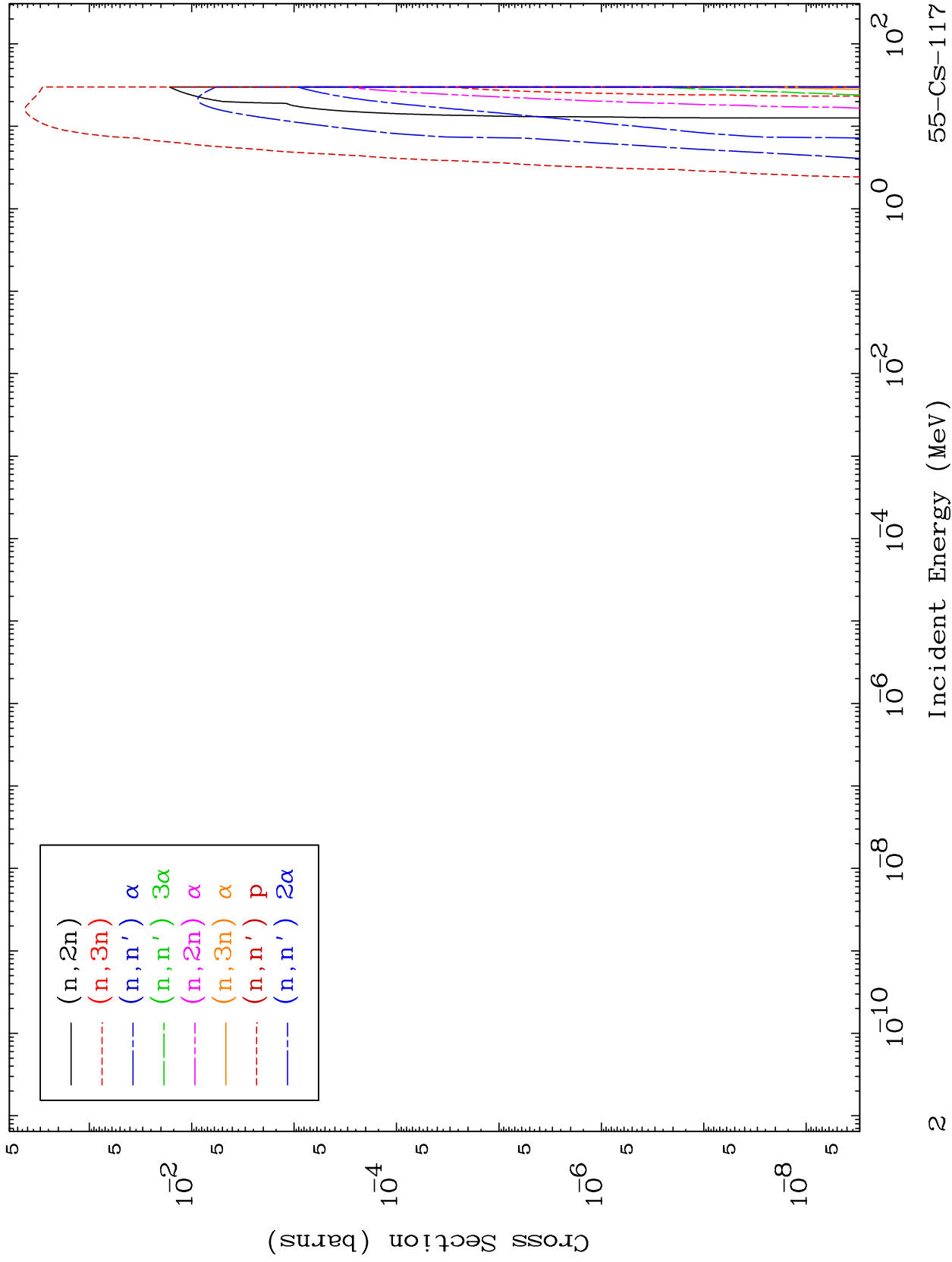
55-Cs-117

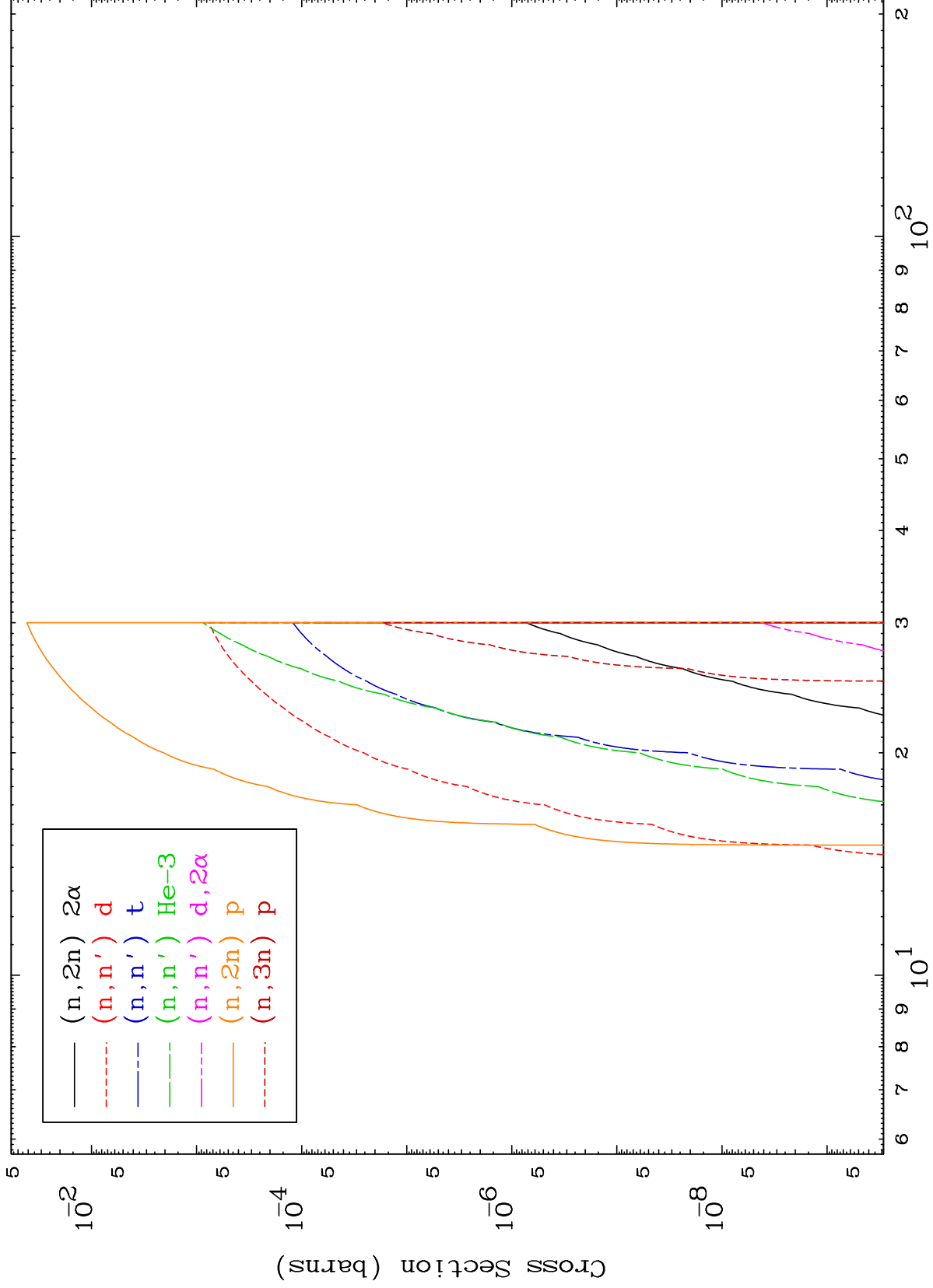


MAT 5477

Neutron Production
293 Kelvin Cross Sections

55-Cs-117

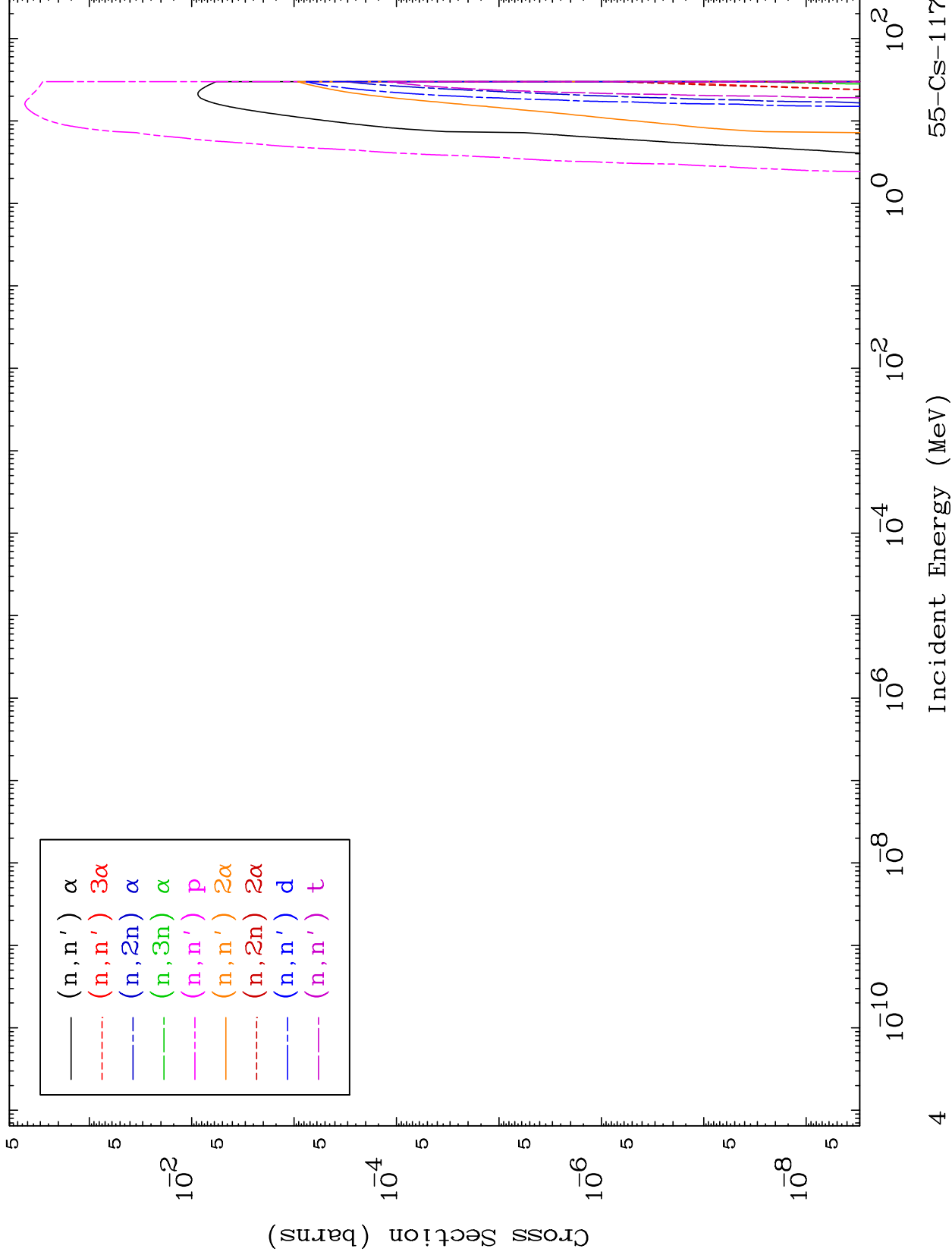


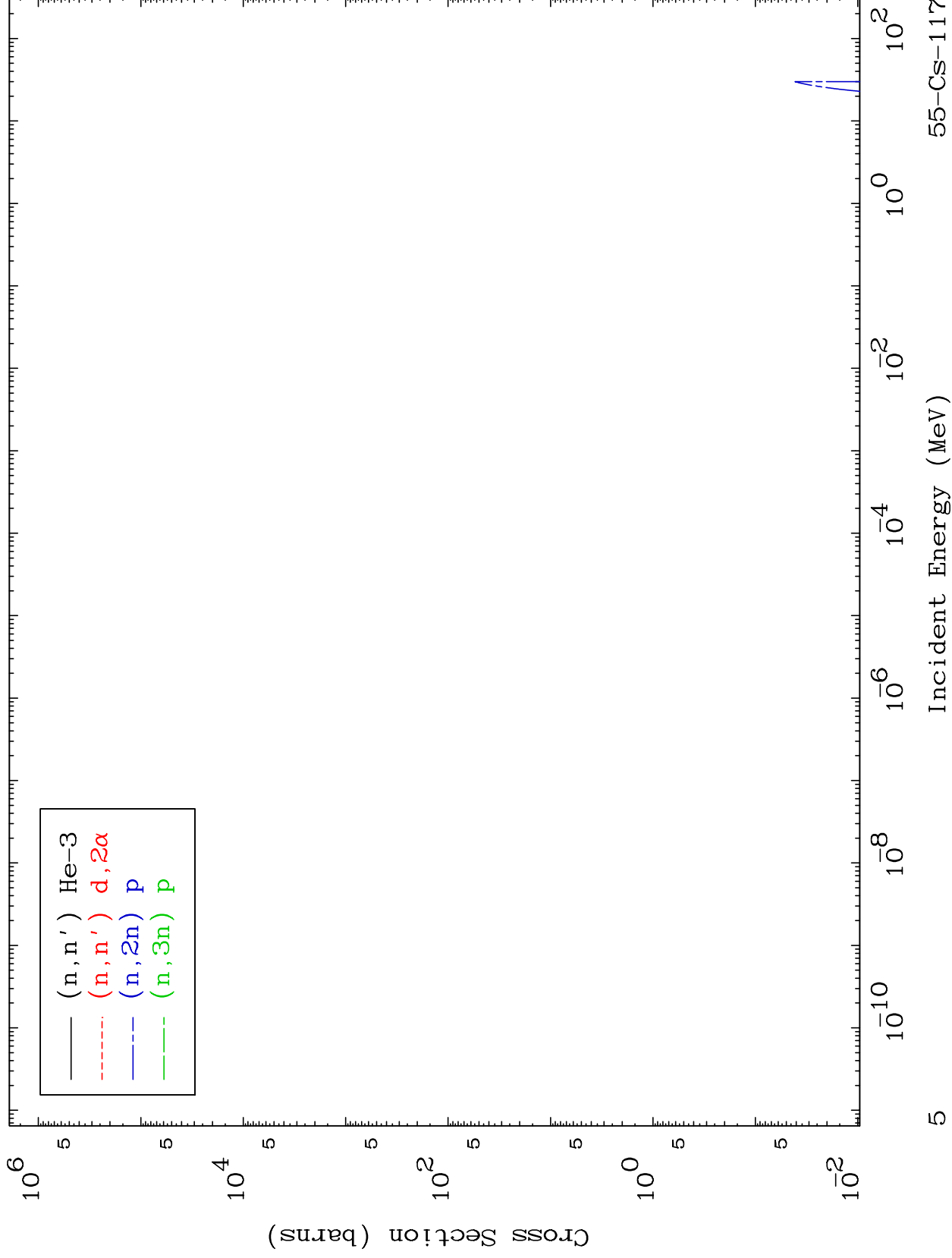


MAT 5477

Charged Particle
293 Kelvin Cross Sections

55-Cs-117

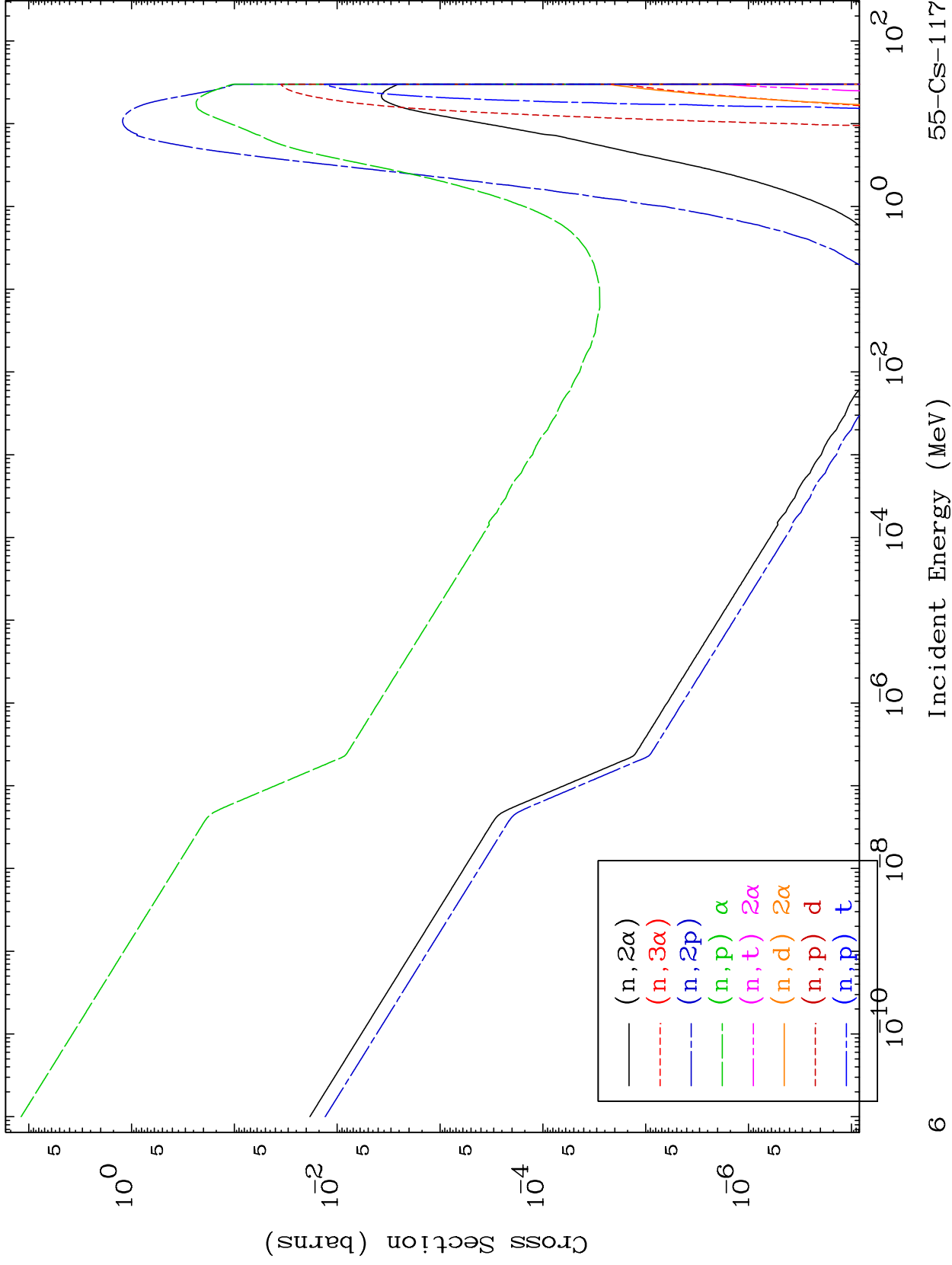


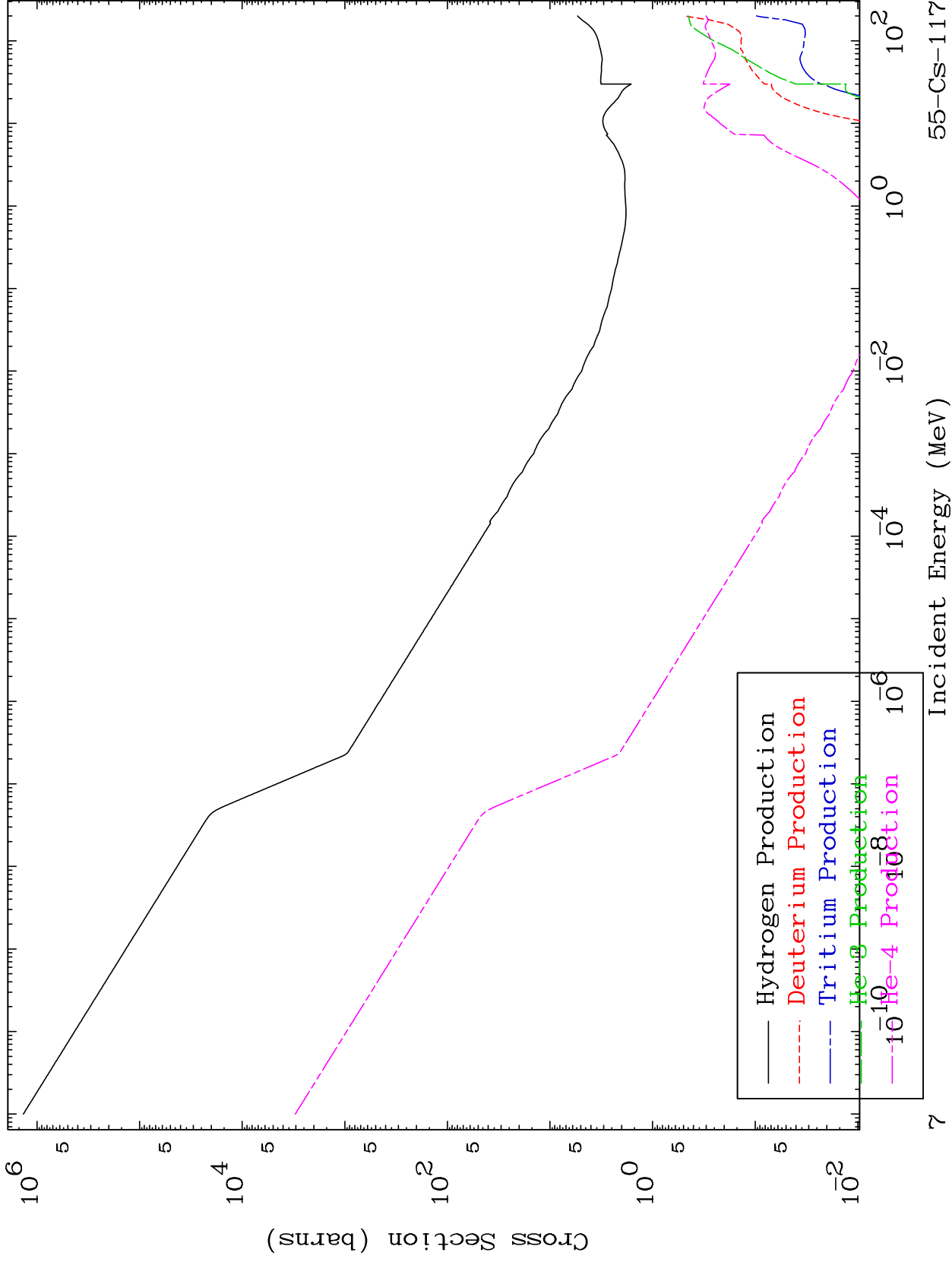


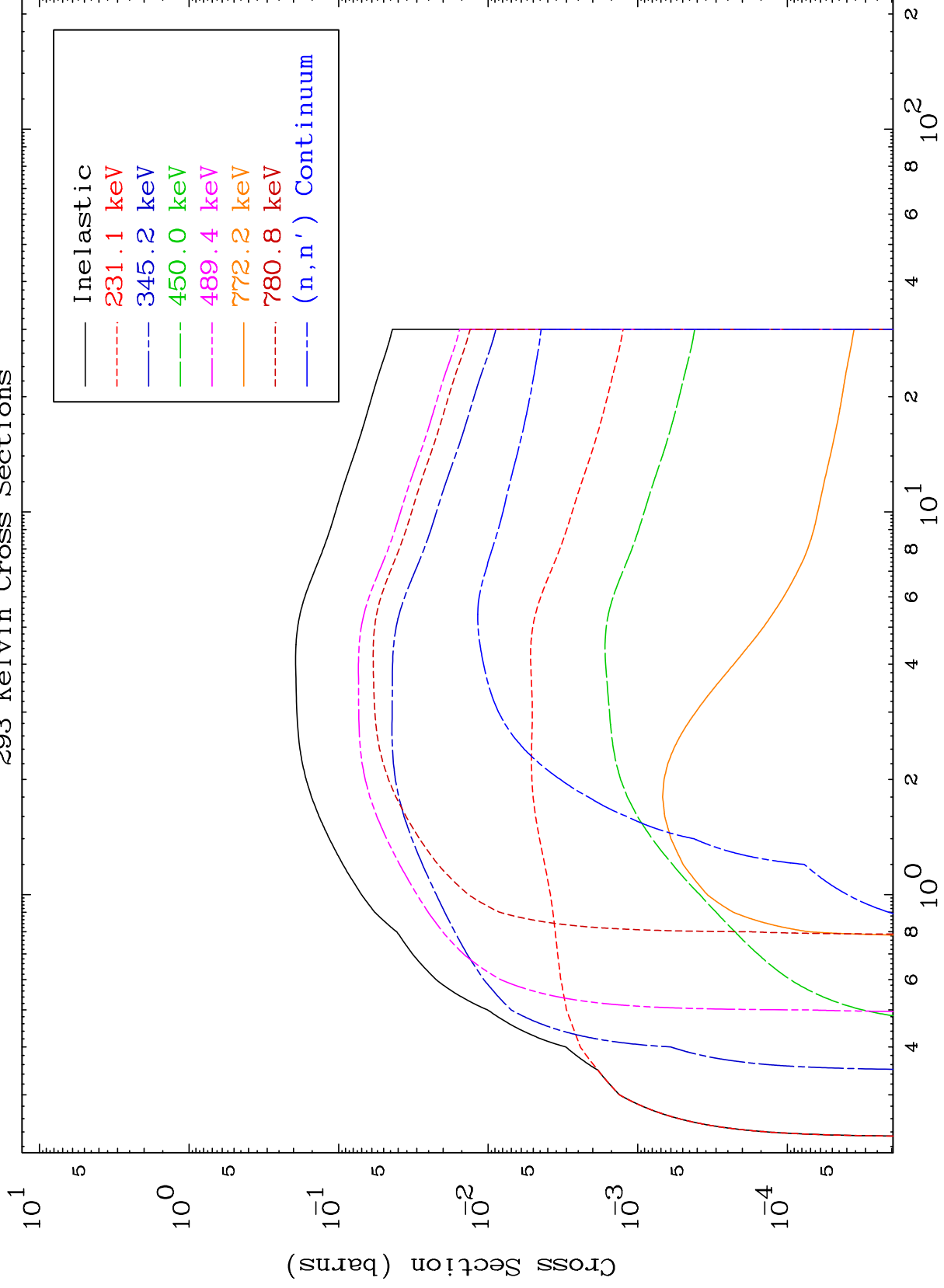
MAT 5477

Charged Particle
293 Kelvin Cross Sections

55-Cs-117



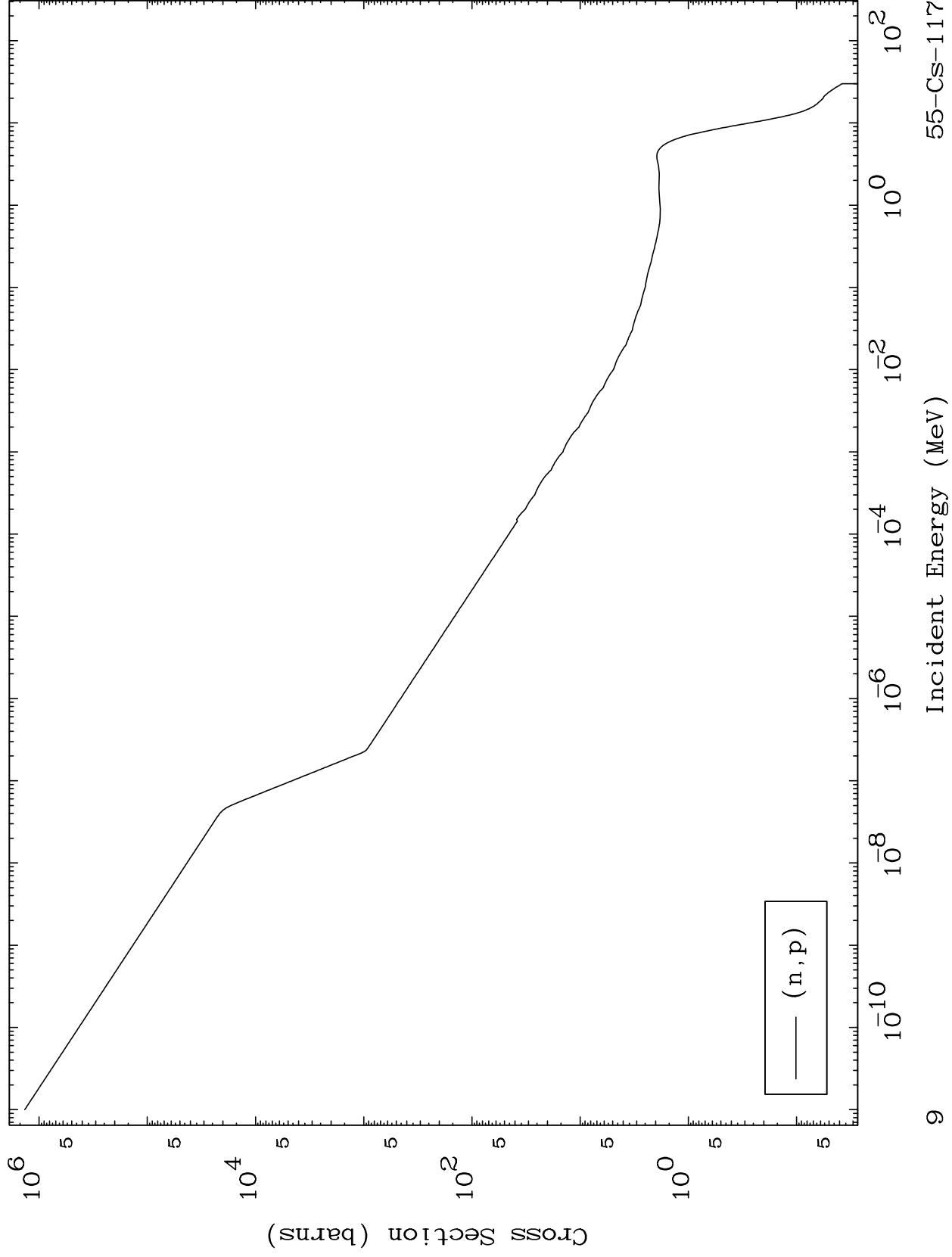




MAT 5477

(n,p) Levels
293 Kelvin Cross Sections

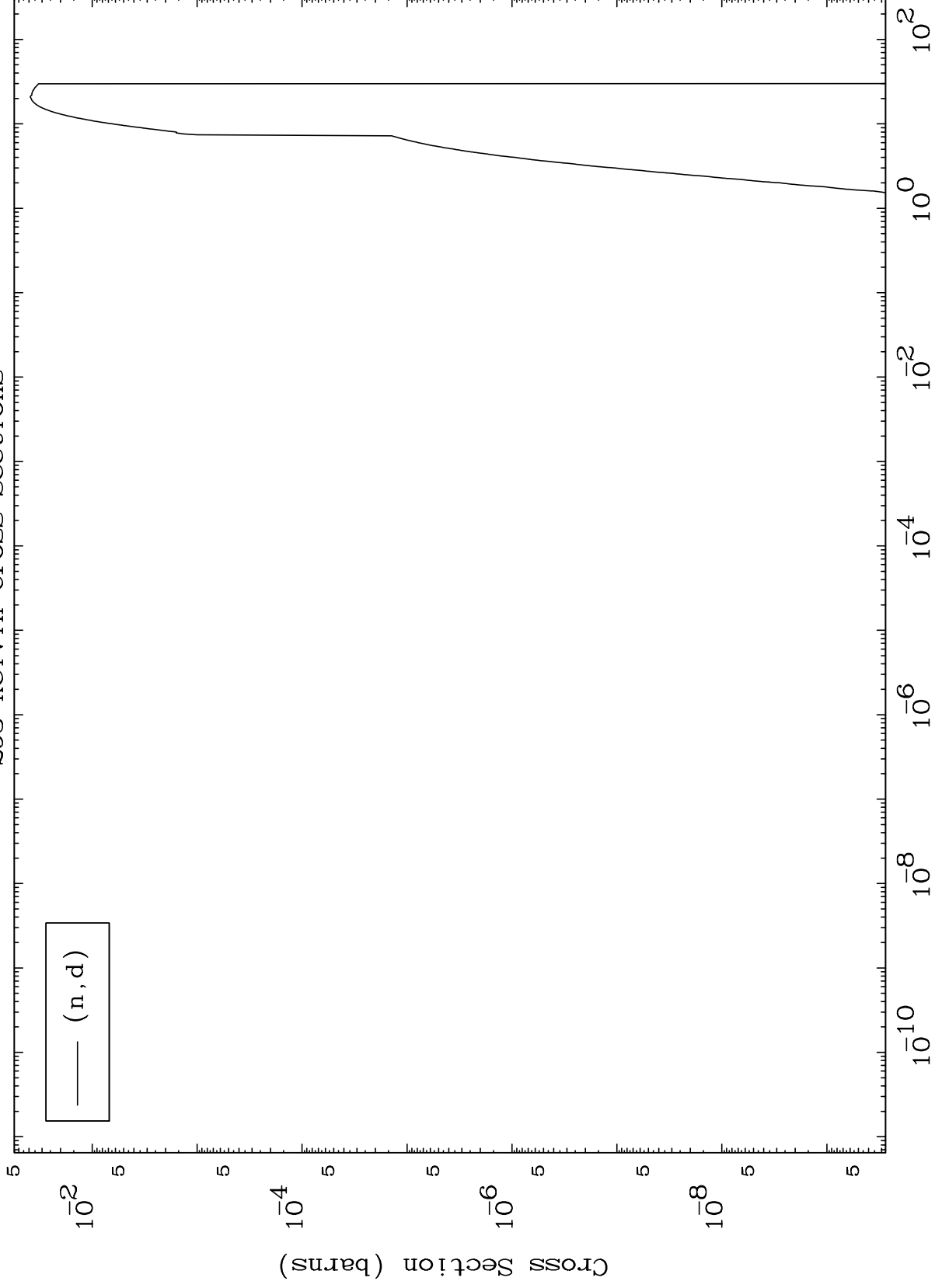
55-Cs-117



MAT 5477

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-117



10

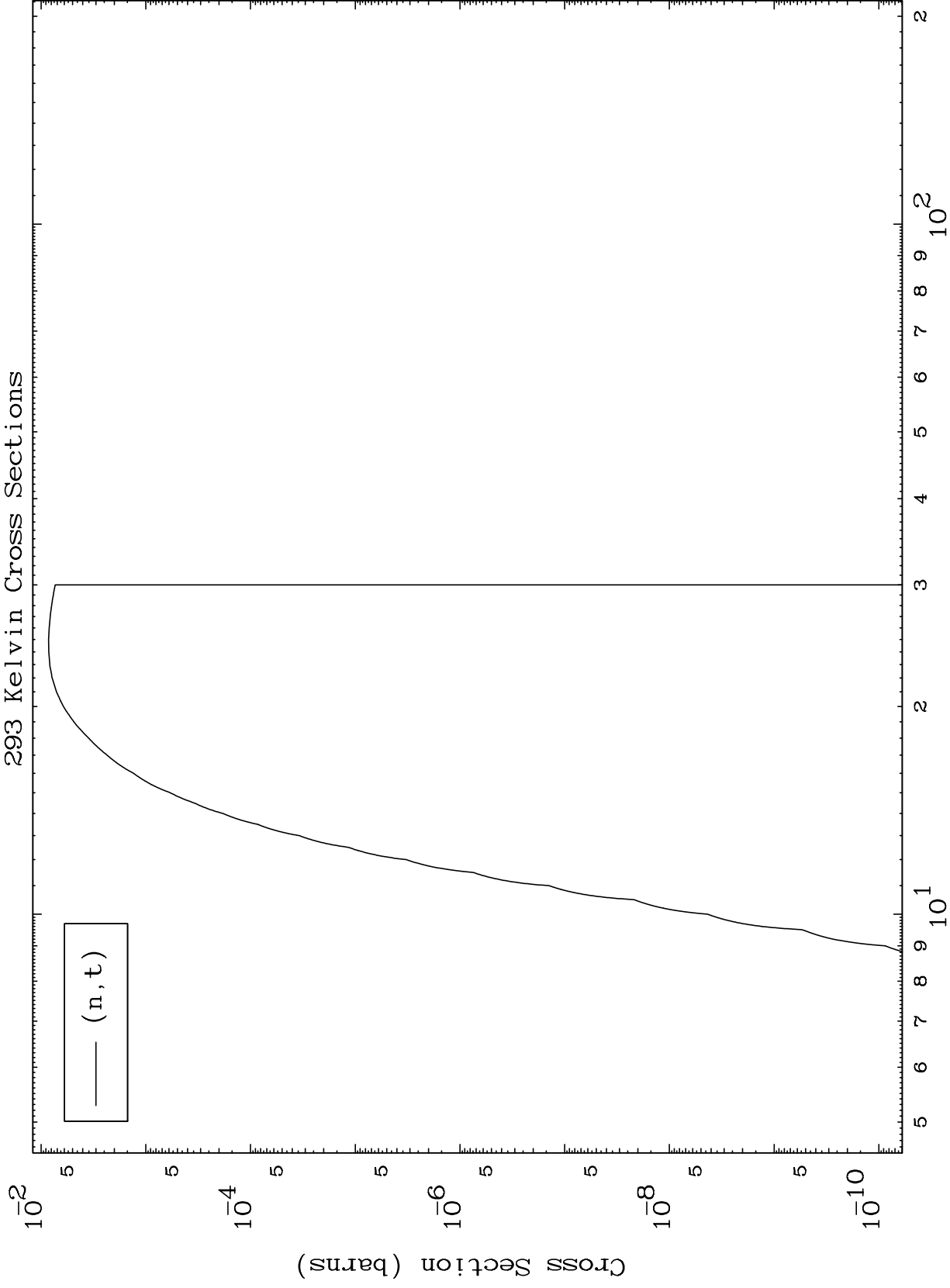
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-117



11

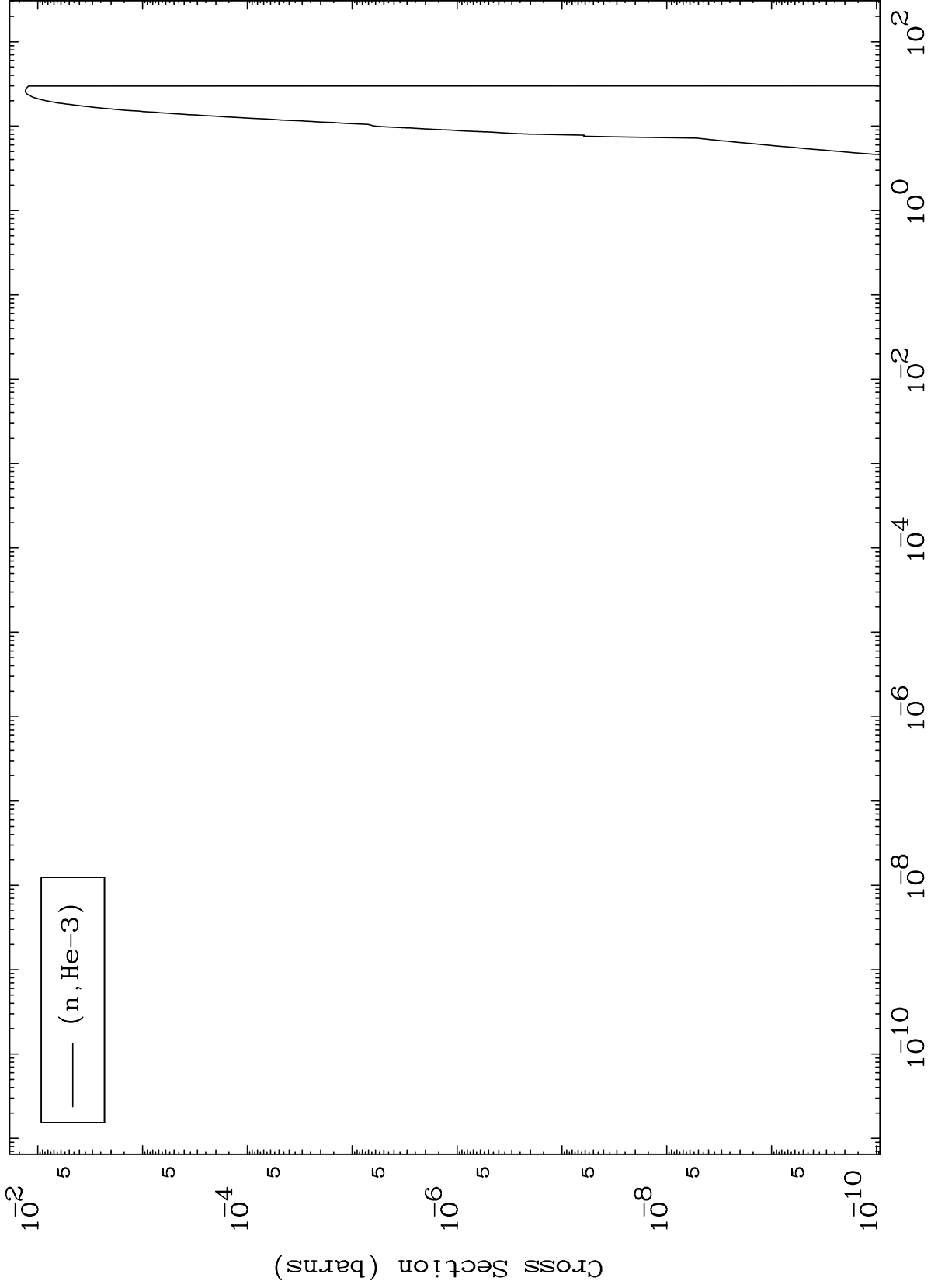
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-117



12

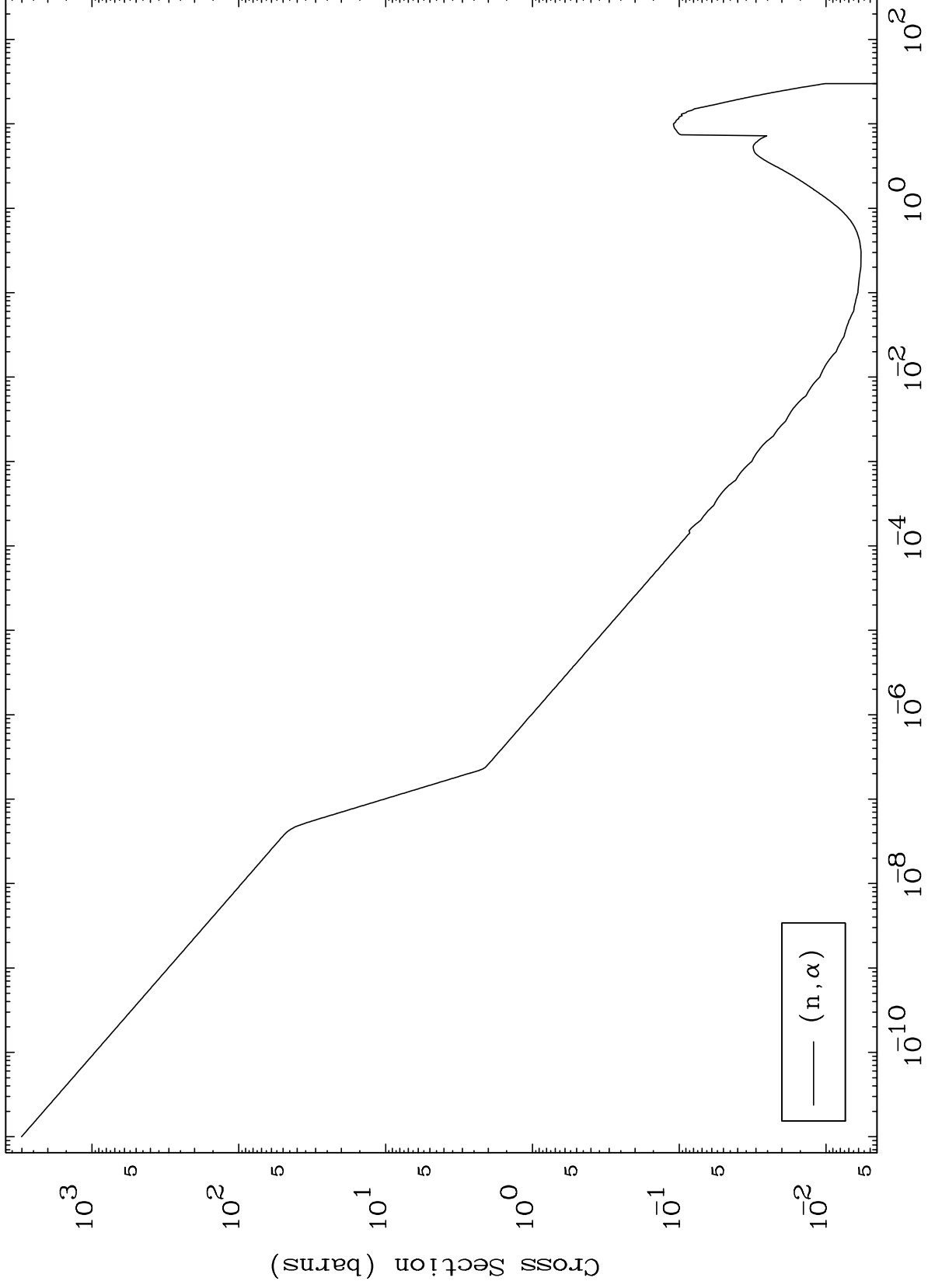
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,α) Levels
293 Kelvin Cross Sections

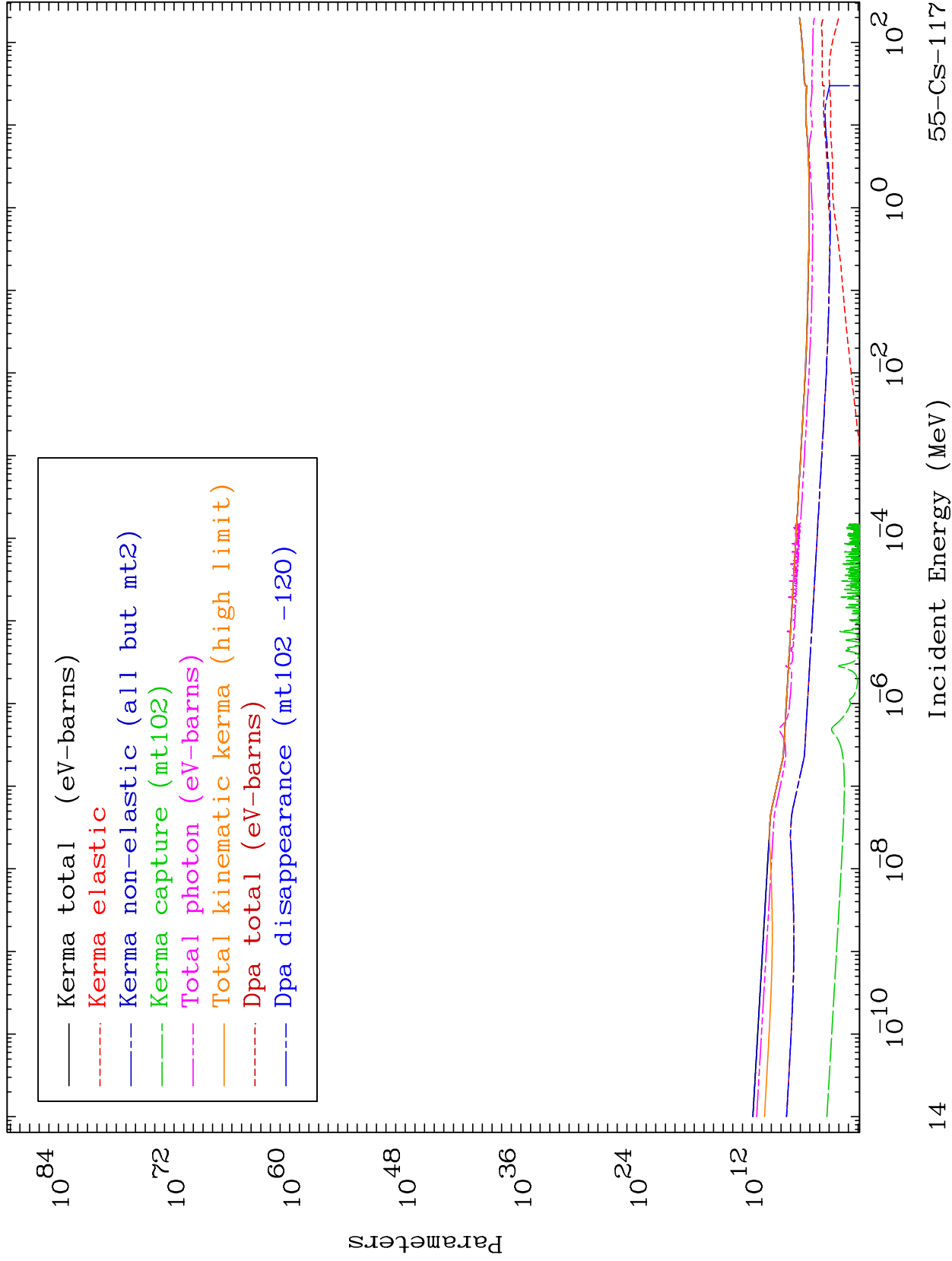
55-Cs-117



13

Incident Energy (MeV)

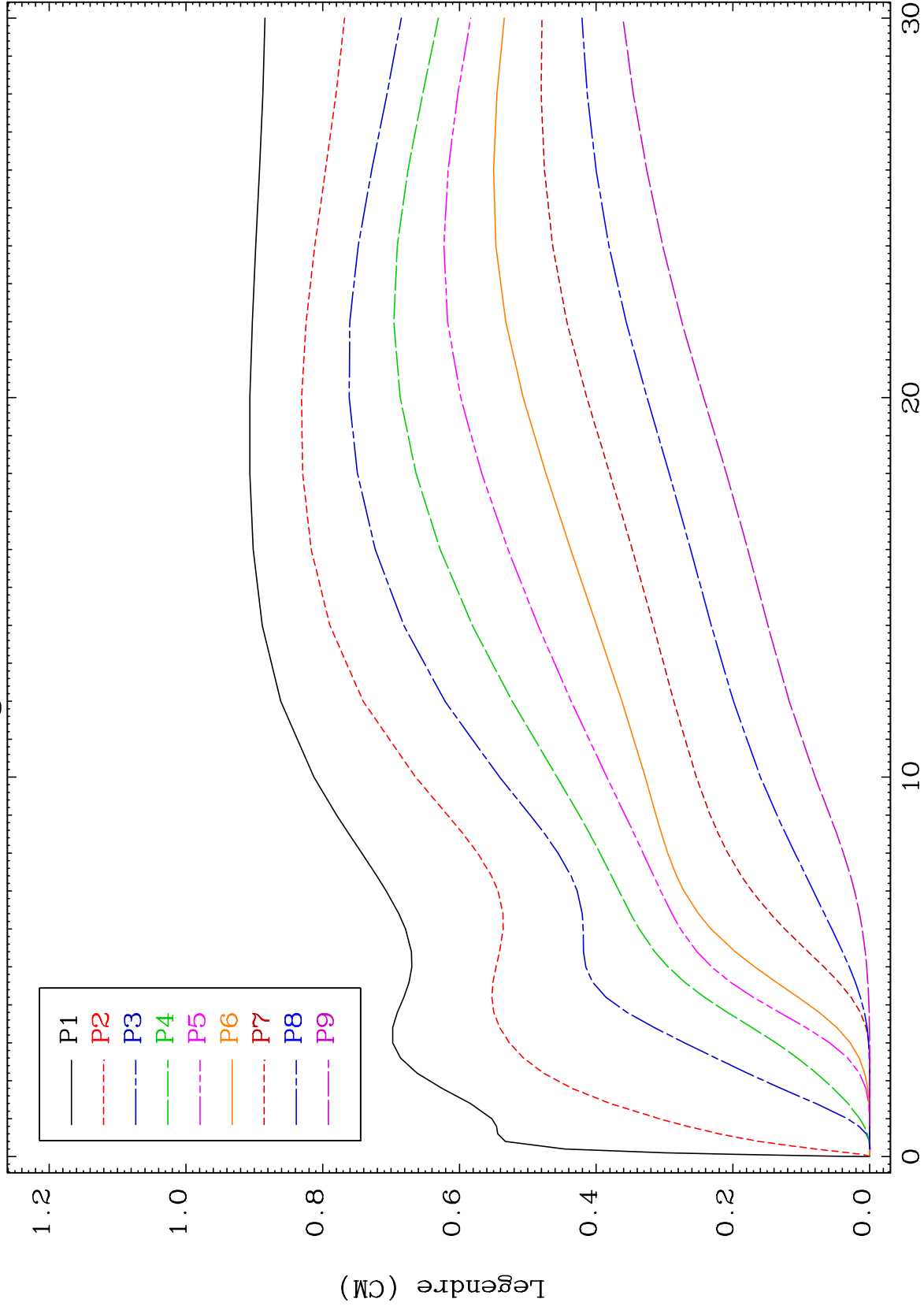
55-Cs-117



MAT 5477

Elastic Legendre Coefficients

55-Cs-117



15

Incident Energy (MeV)

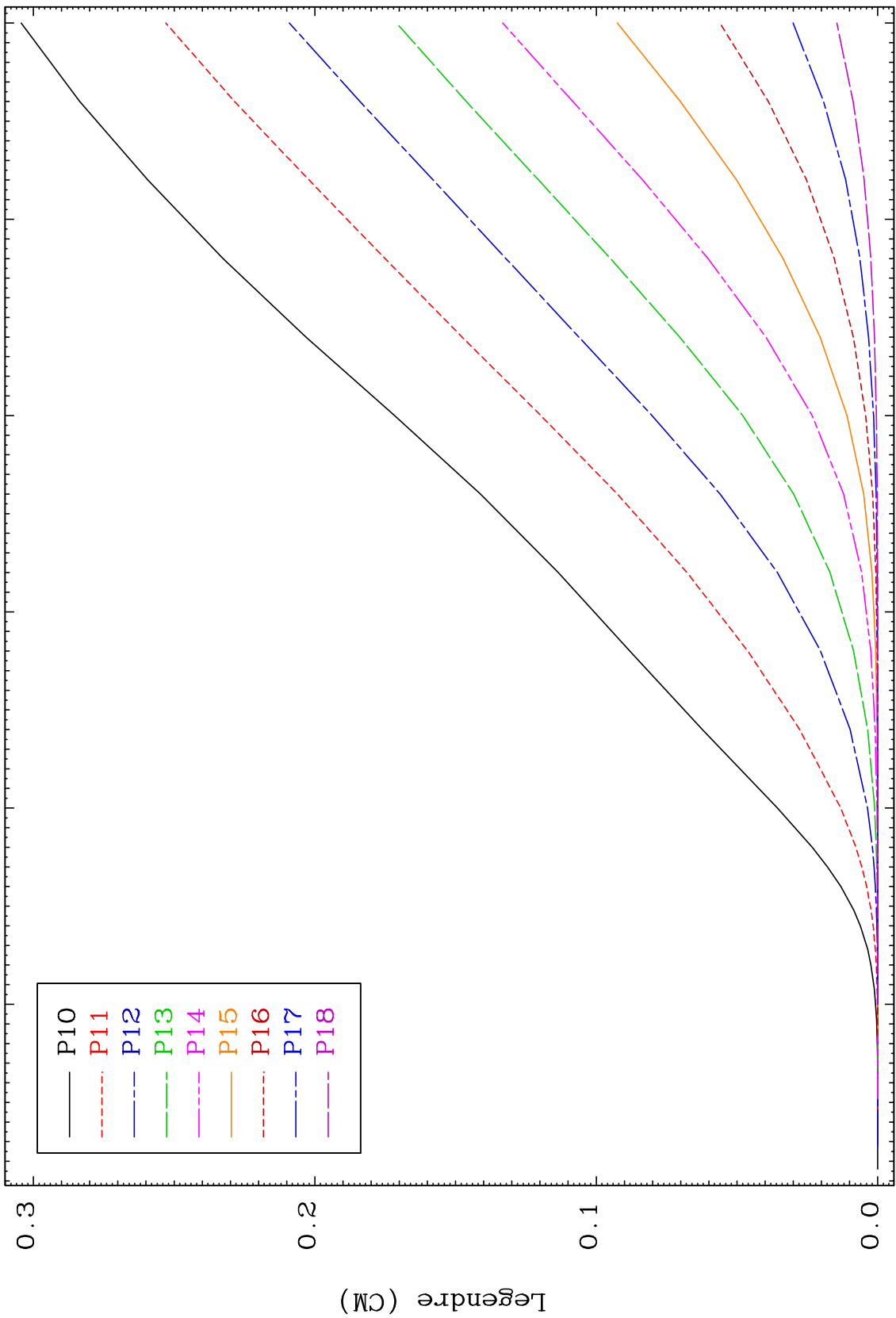
55-Cs-117

30

MAT 5477

Elastic Legendre Coefficients

55-Cs-117



16

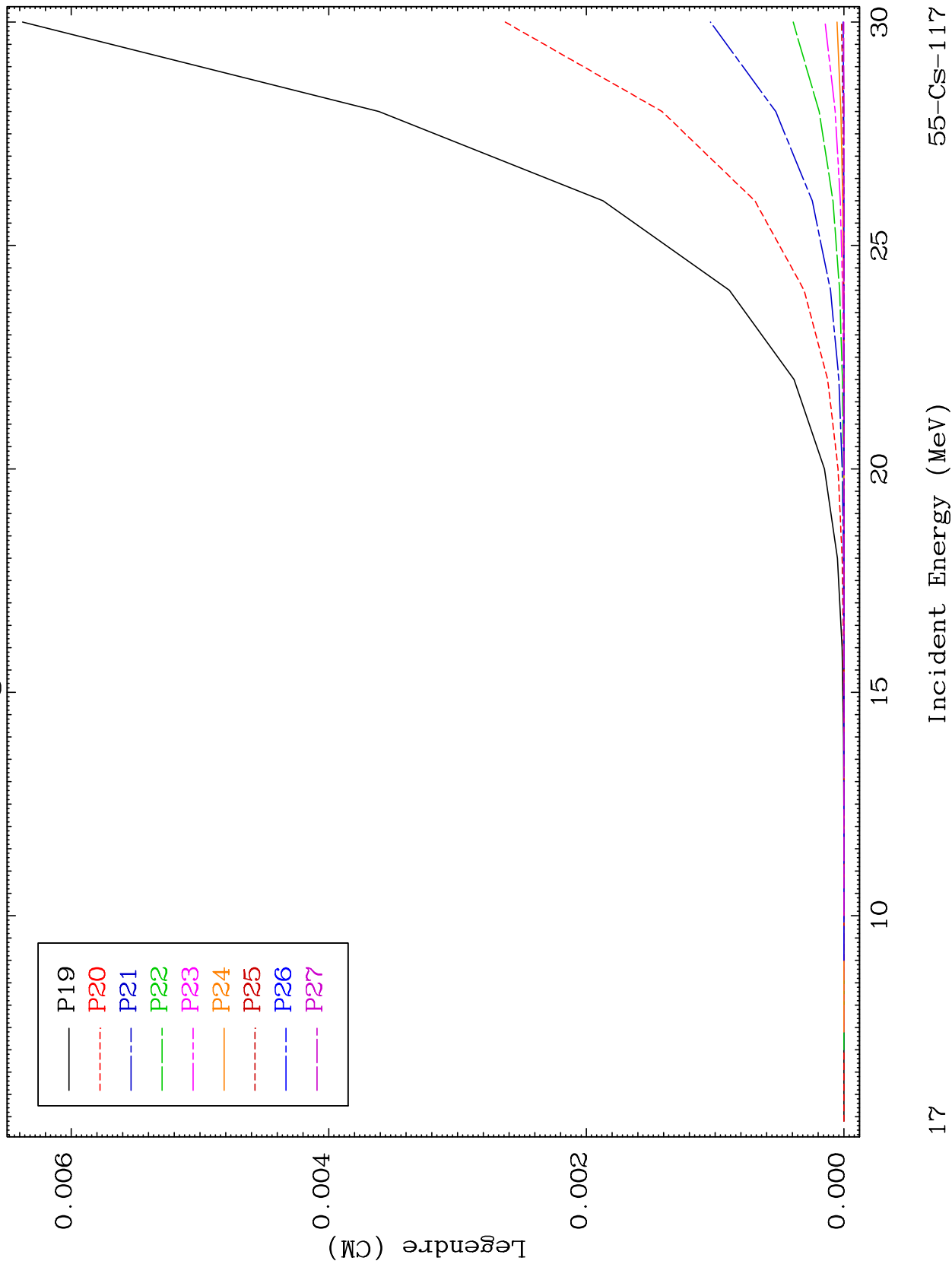
Incident Energy (MeV)

55-Cs-117

MAT 5477

Elastic Legendre Coefficients

55-Cs-117



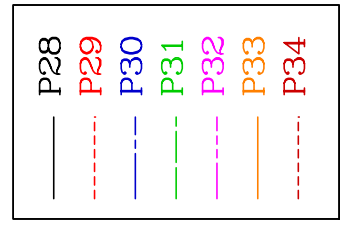
17

55-Cs-117

MAT 5477

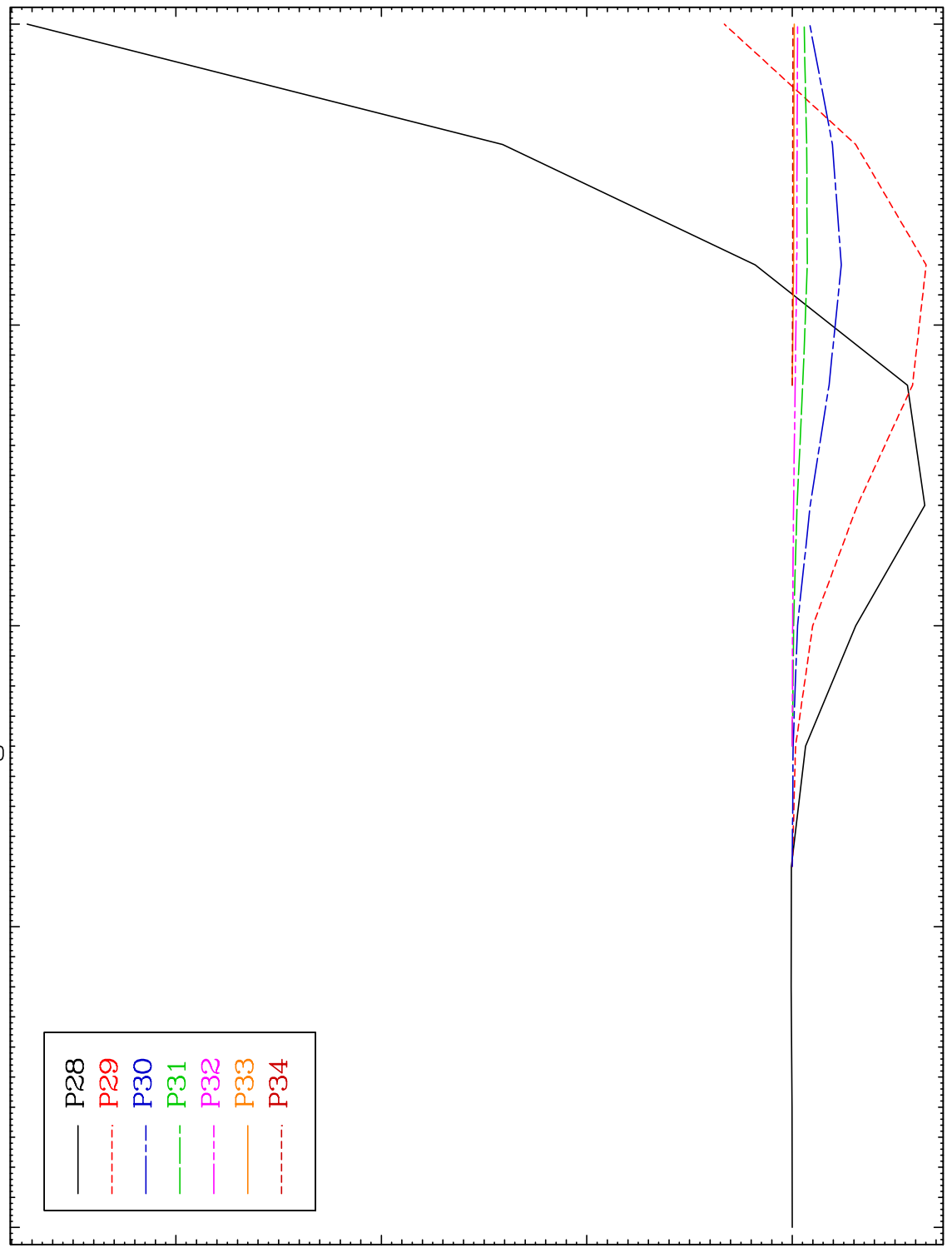
Elastic
Legendre Coefficients

55-Cs-117



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

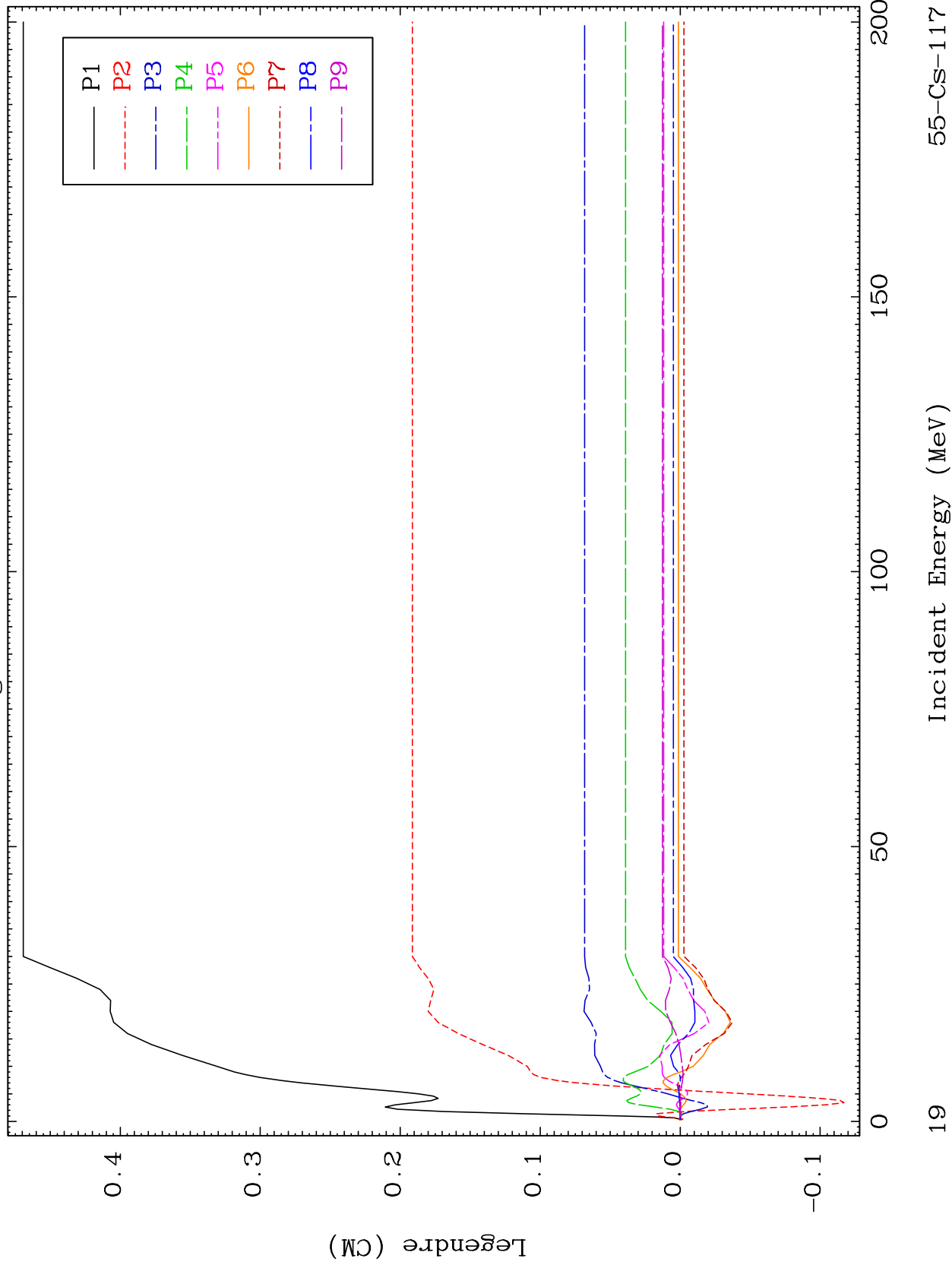
55-Cs-117

18

MAT 5477

231.1 keV (n,n') Level
Legendre Coefficients

55-Cs-117



19

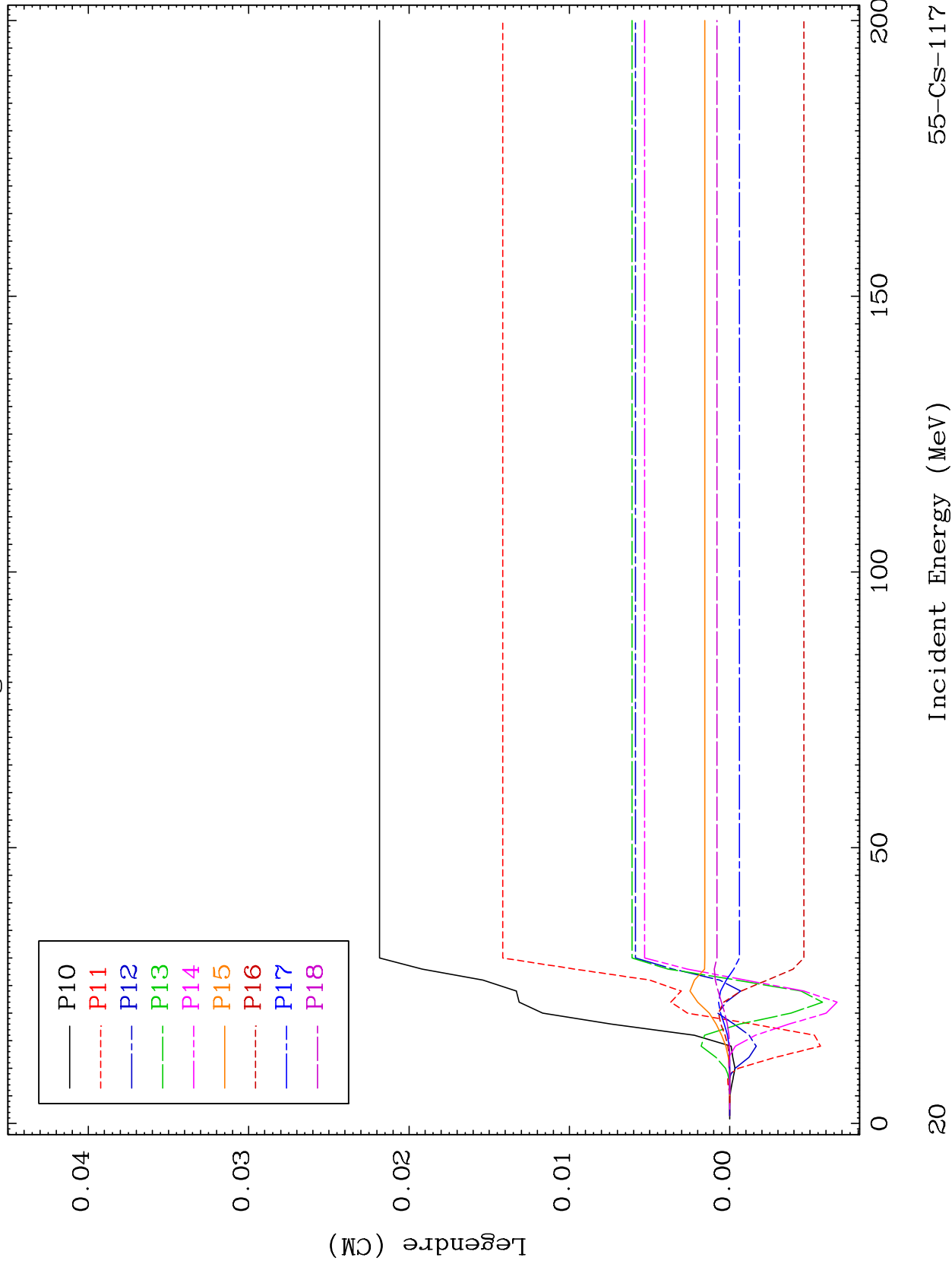
Incident Energy (MeV)

55-Cs-117

MAT 5477

231.1 keV (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

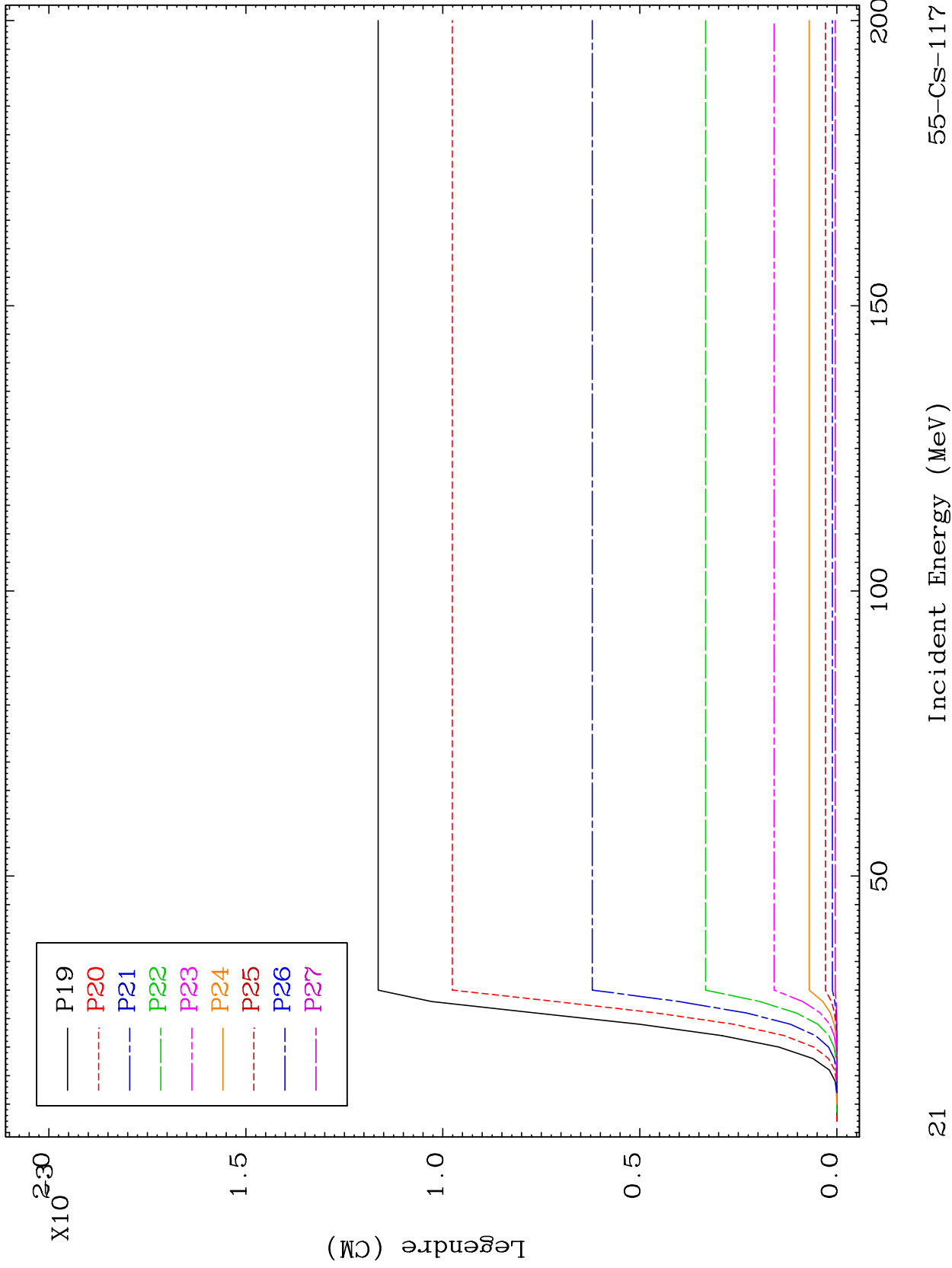
Incident Energy (MeV)

20

MAT 5477

231.1 keV (n,n') Level
Legendre Coefficients

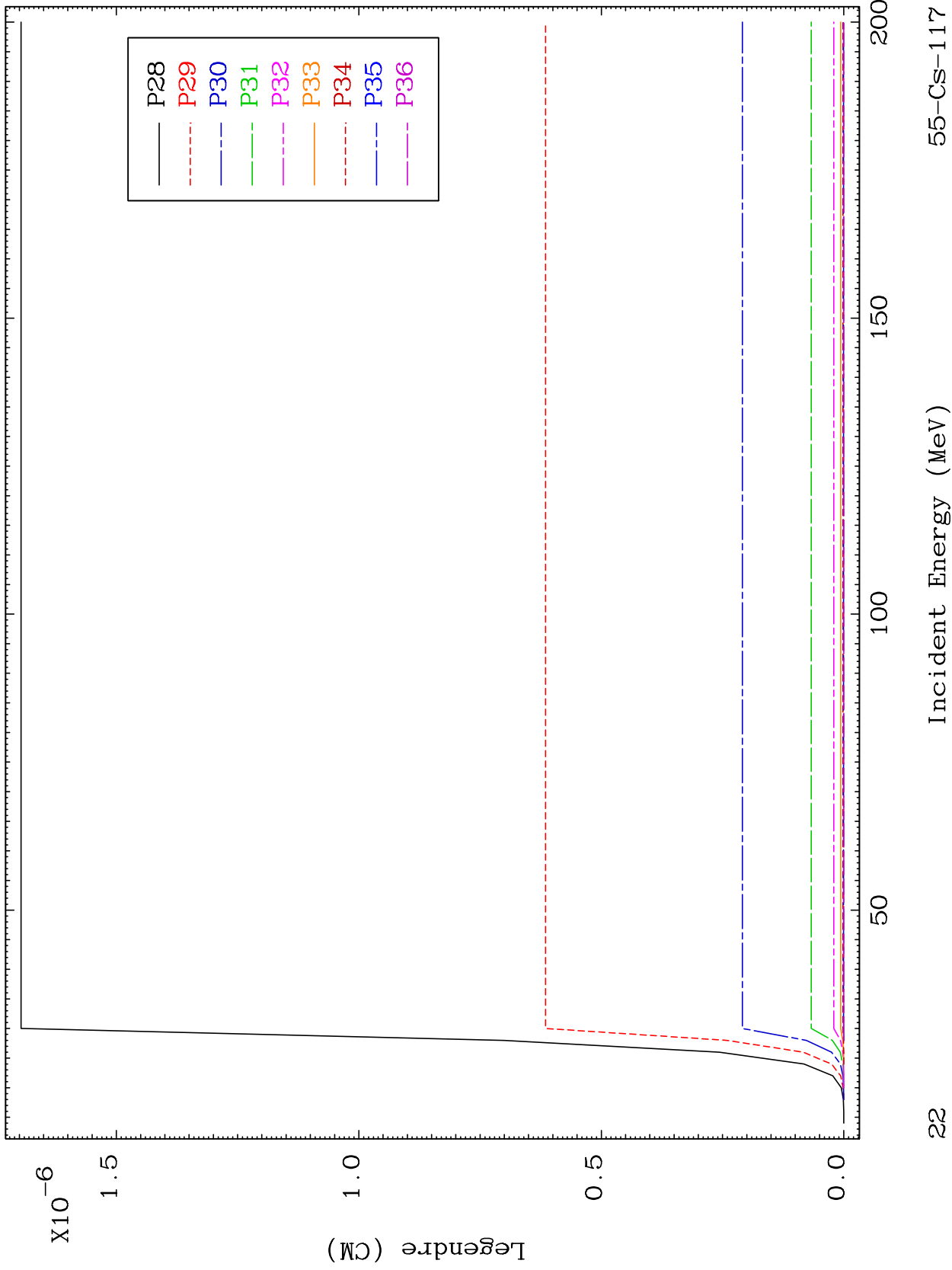
55-Cs-117



MAT 5477

231.1 keV (n,n') Level
Legendre Coefficients

55-Cs-117



22

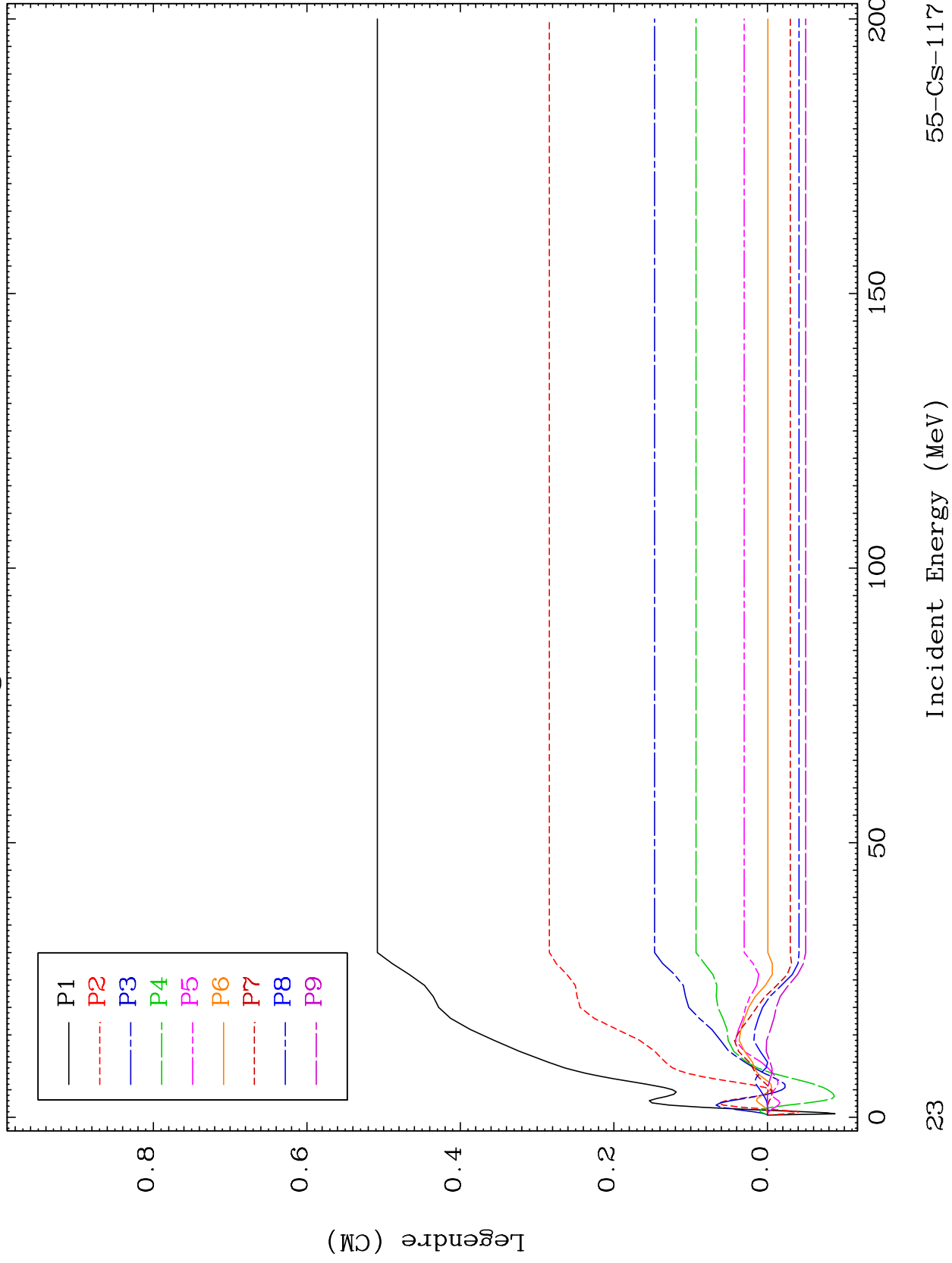
Incident Energy (MeV)

55-Cs-117

MAT 5477

345.2 keV (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

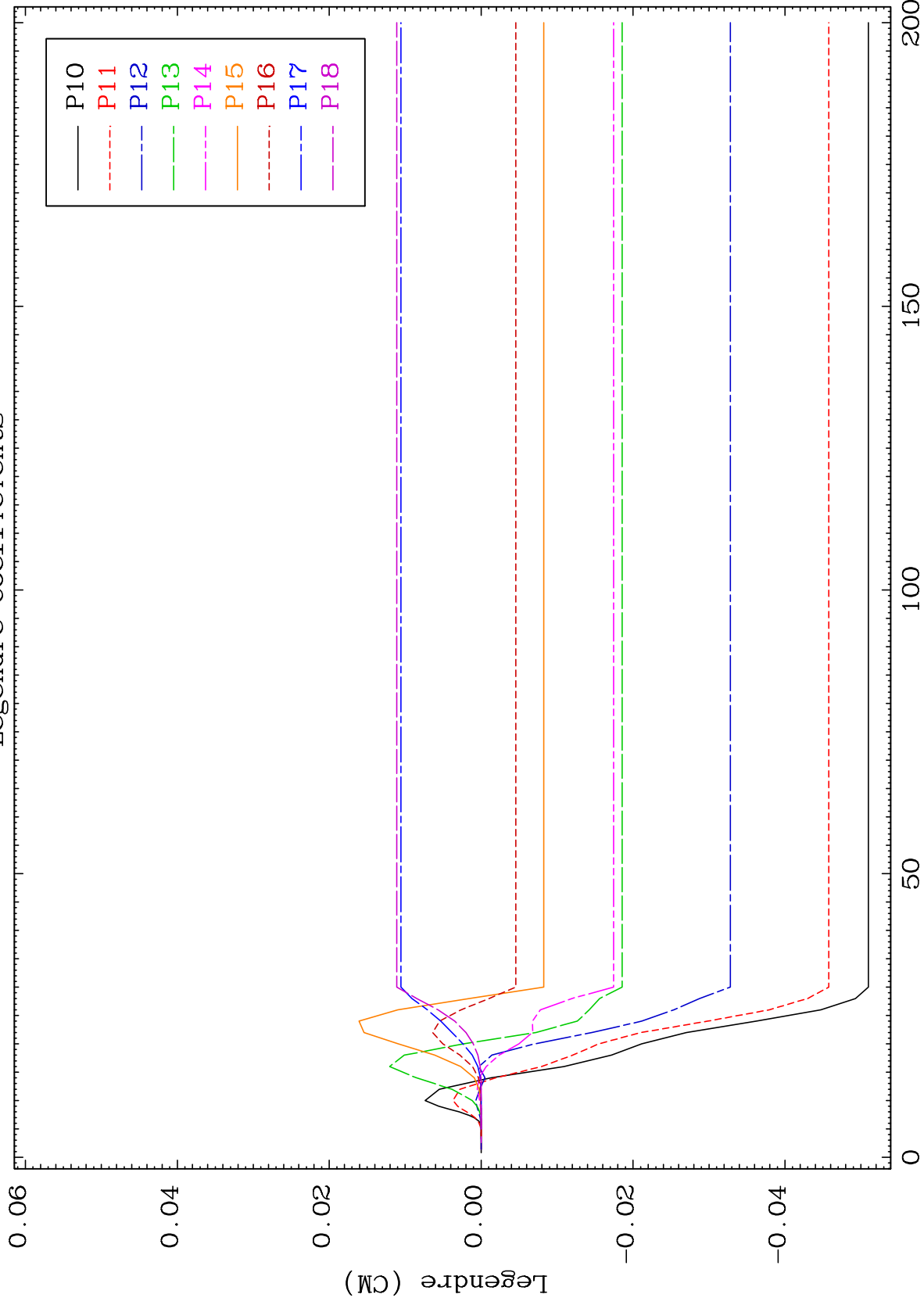
Incident Energy (MeV)

23

MAT 5477

345.2 keV (n,n') Level
Legendre Coefficients

55-Cs-117



24

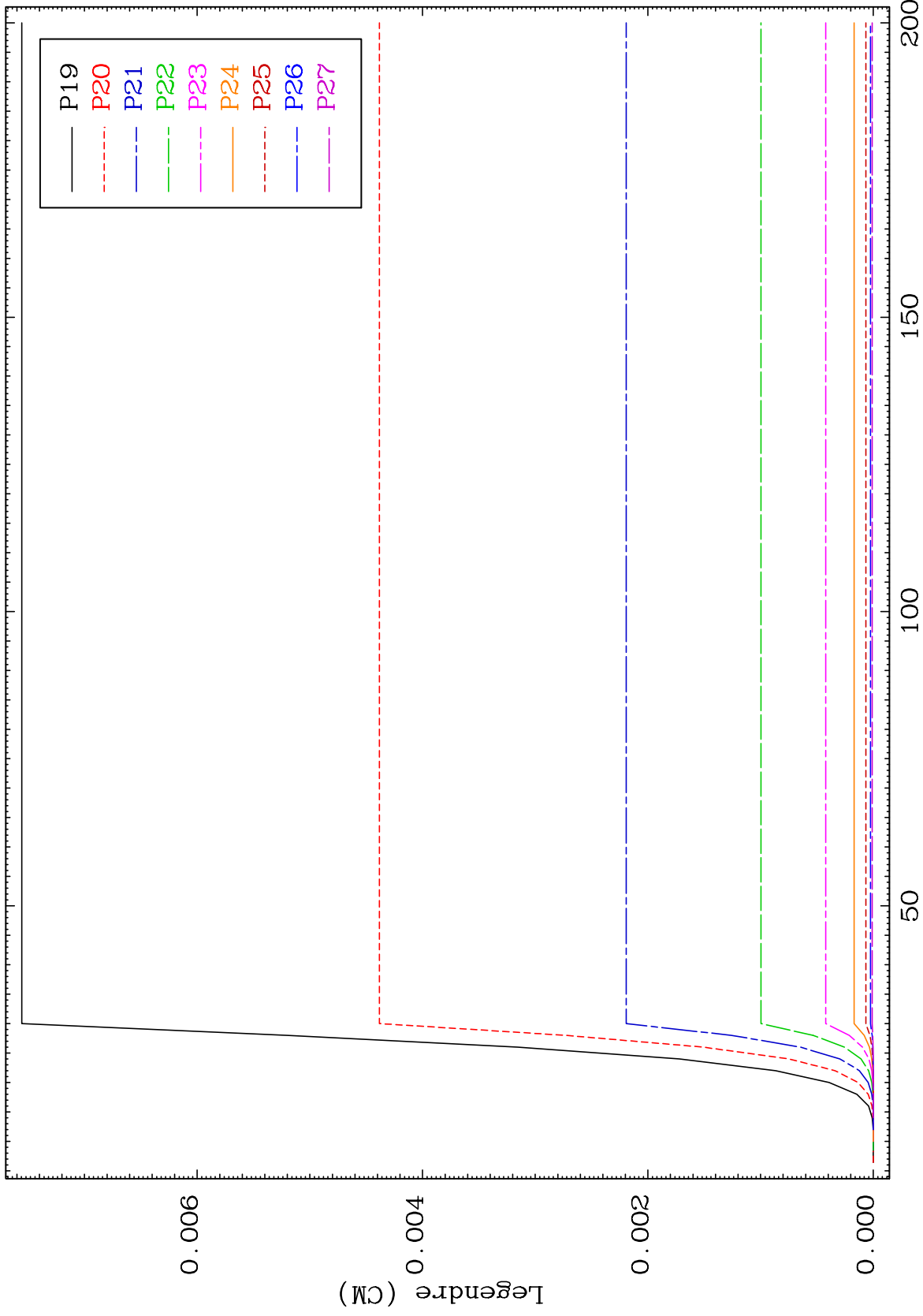
Incident Energy (MeV)

55-Cs-117

MAT 5477

345.2 keV (n,n') Level
Legendre Coefficients

55-Cs-117



25

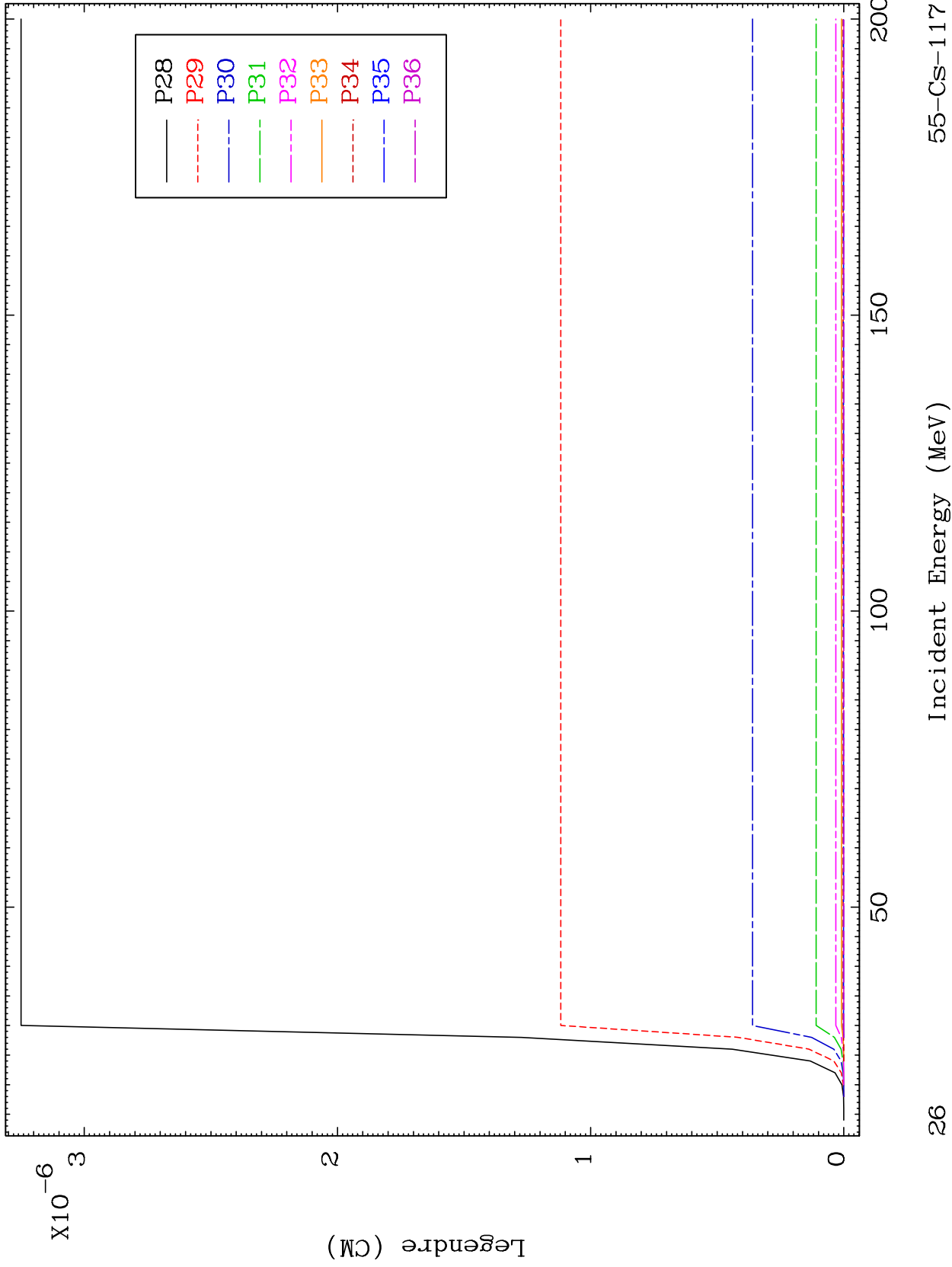
Incident Energy (MeV)

55-Cs-117

MAT 5477

345.2 keV (n, n') Level
Legendre Coefficients

55-Cs-117



26

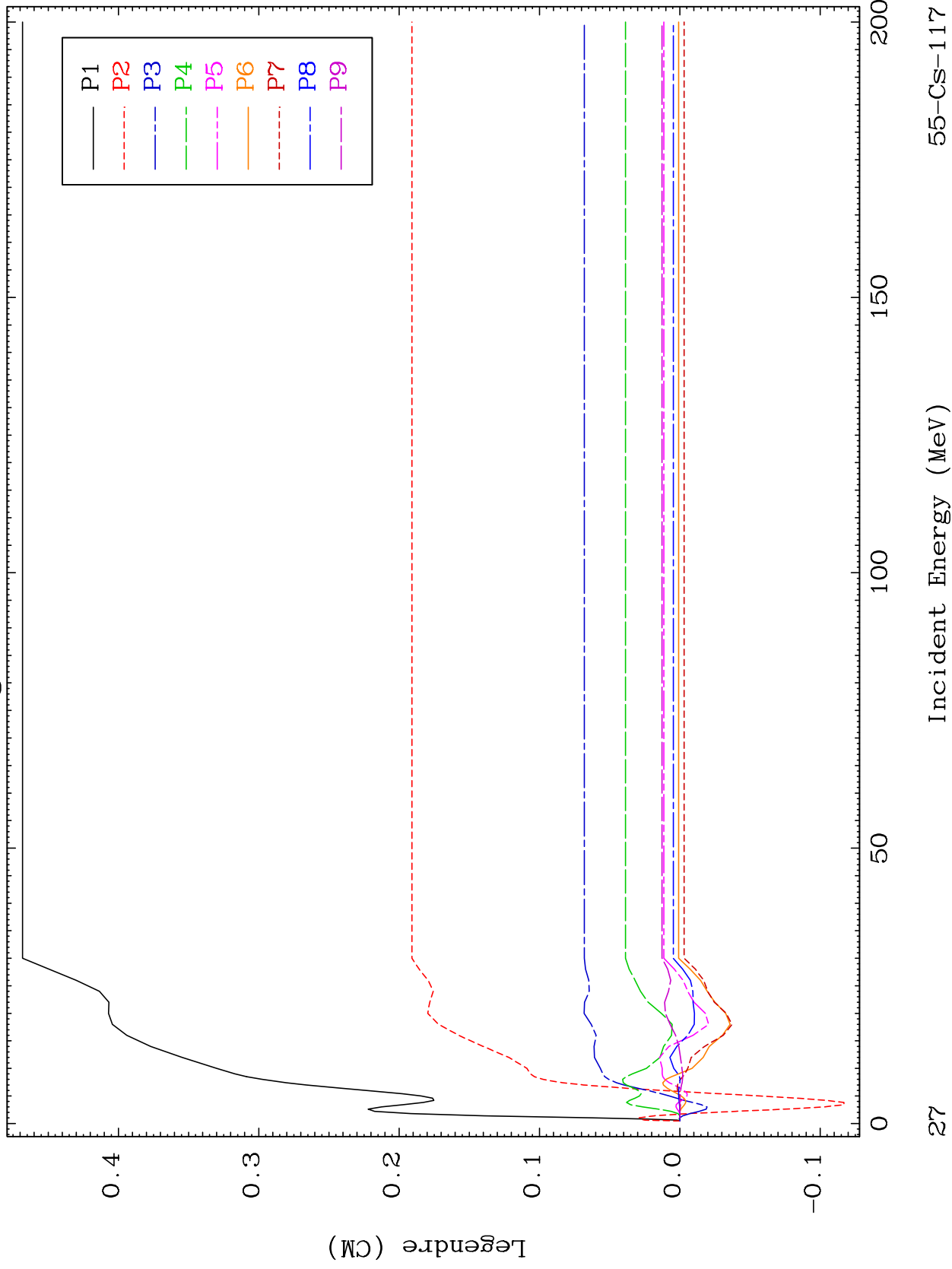
Incident Energy (MeV)

55-Cs-117

MAT 5477

450.0 keV (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

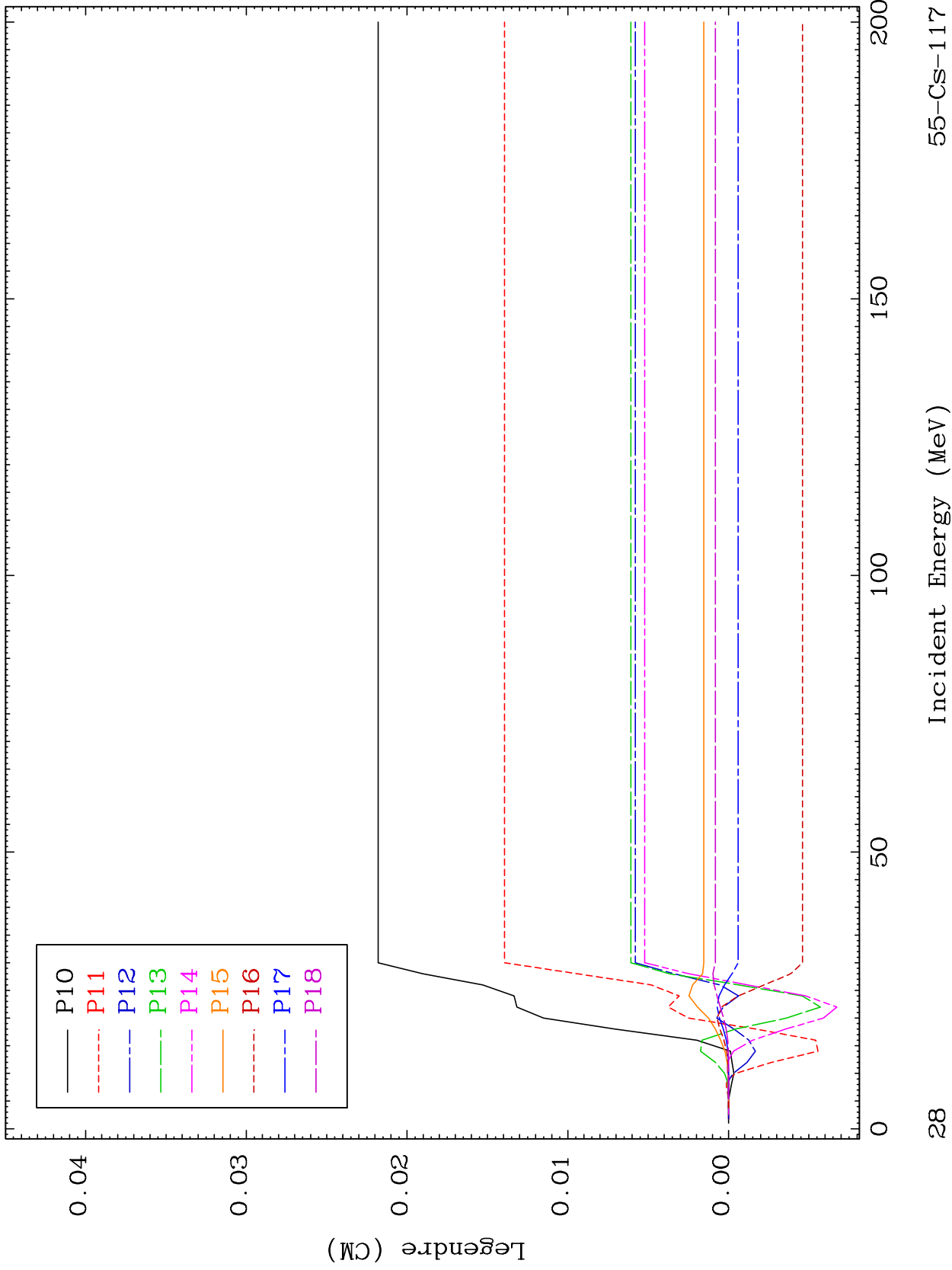
Incident Energy (MeV)

27

MAT 5477

450.0 keV (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

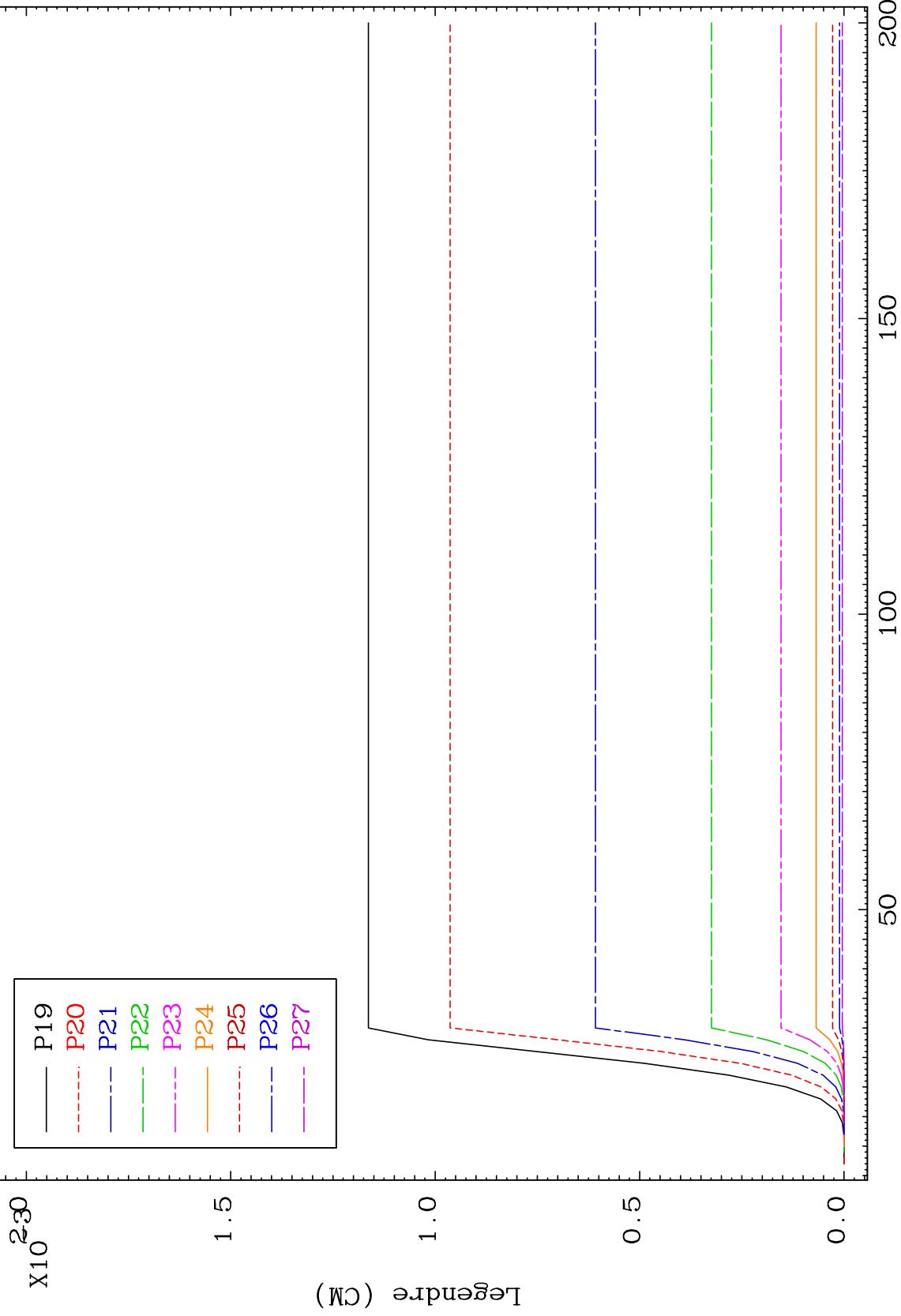
Incident Energy (MeV)

28

MAT 5477

450.0 keV (n,n') Level
Legendre Coefficients

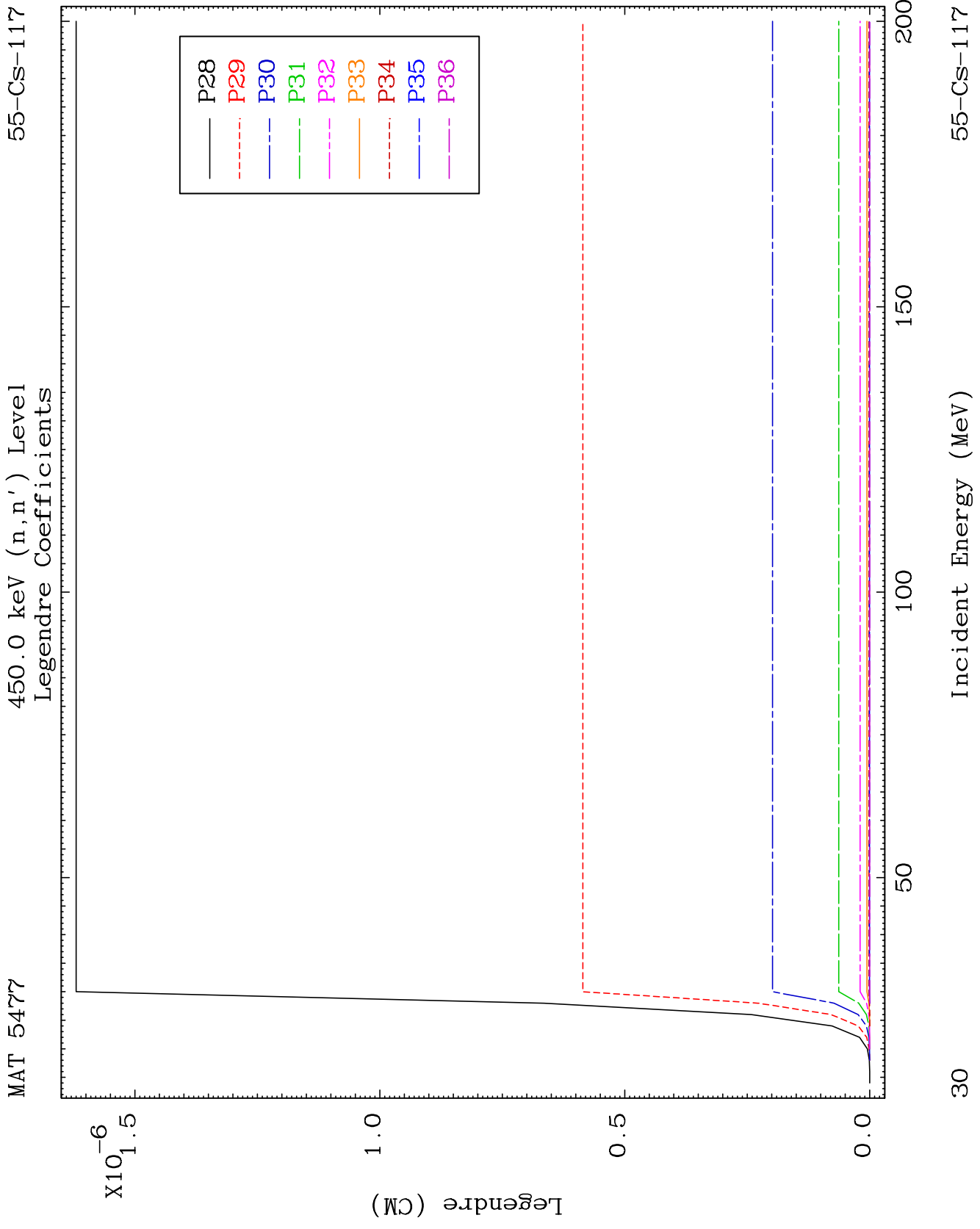
55-Cs-117



29

Incident Energy (MeV)

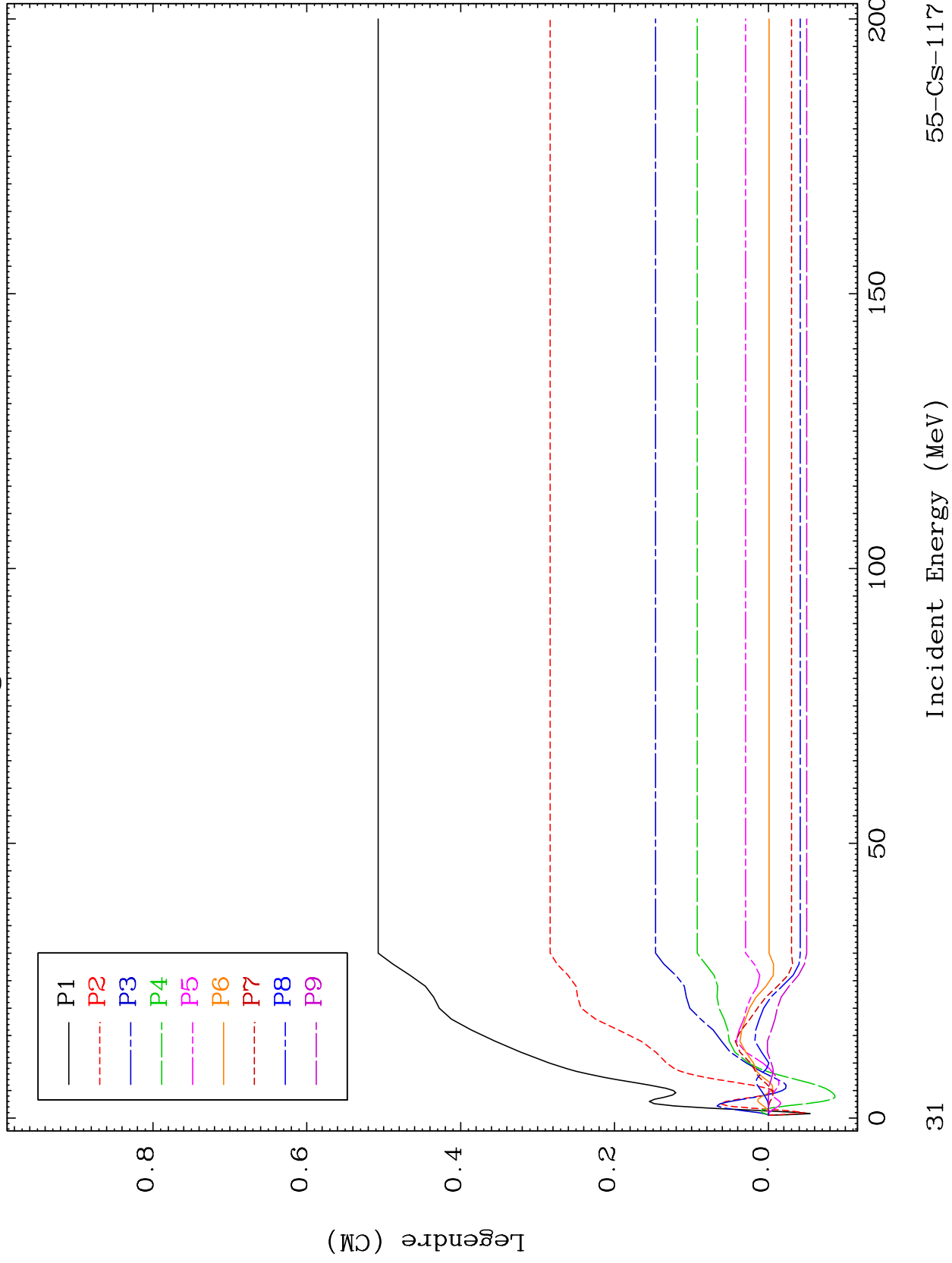
55-Cs-117



MAT 5477

489.4 keV (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

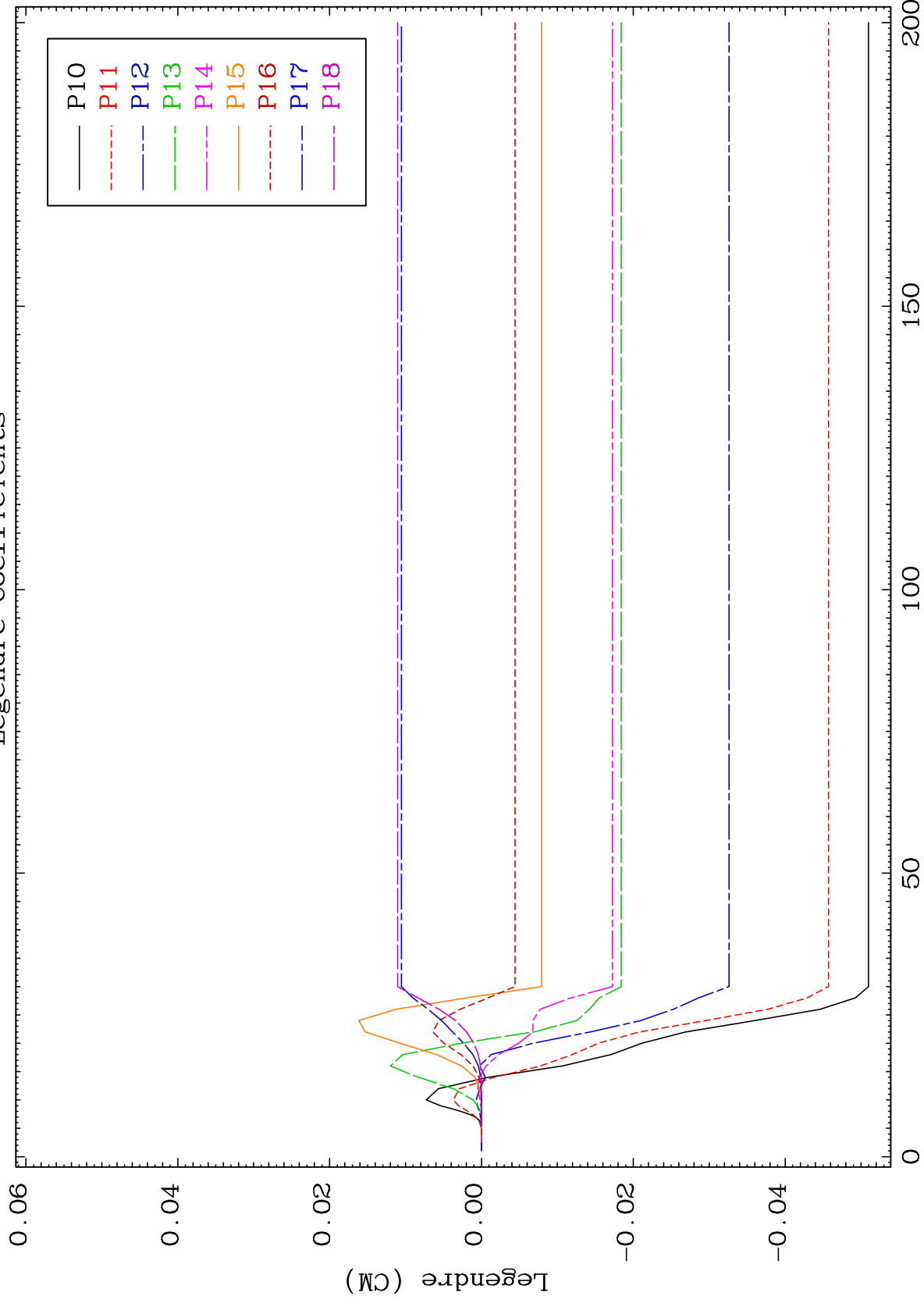
Incident Energy (MeV)

31

MAT 5477

489.4 keV (n,n') Level
Legendre Coefficients

55-Cs-117



32

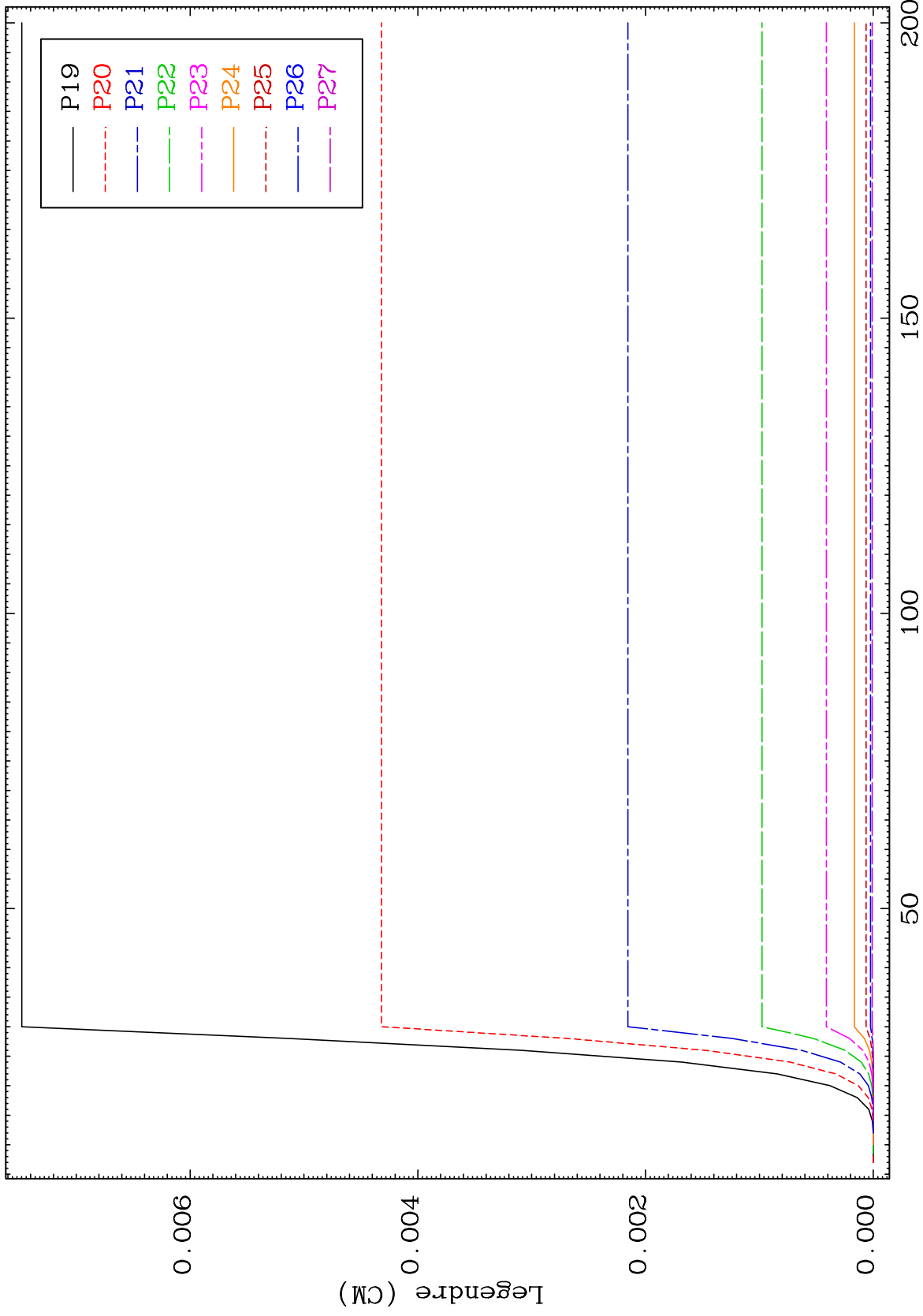
Incident Energy (MeV)

55-Cs-117

MAT 5477

489.4 keV (n,n') Level
Legendre Coefficients

55-Cs-117



33

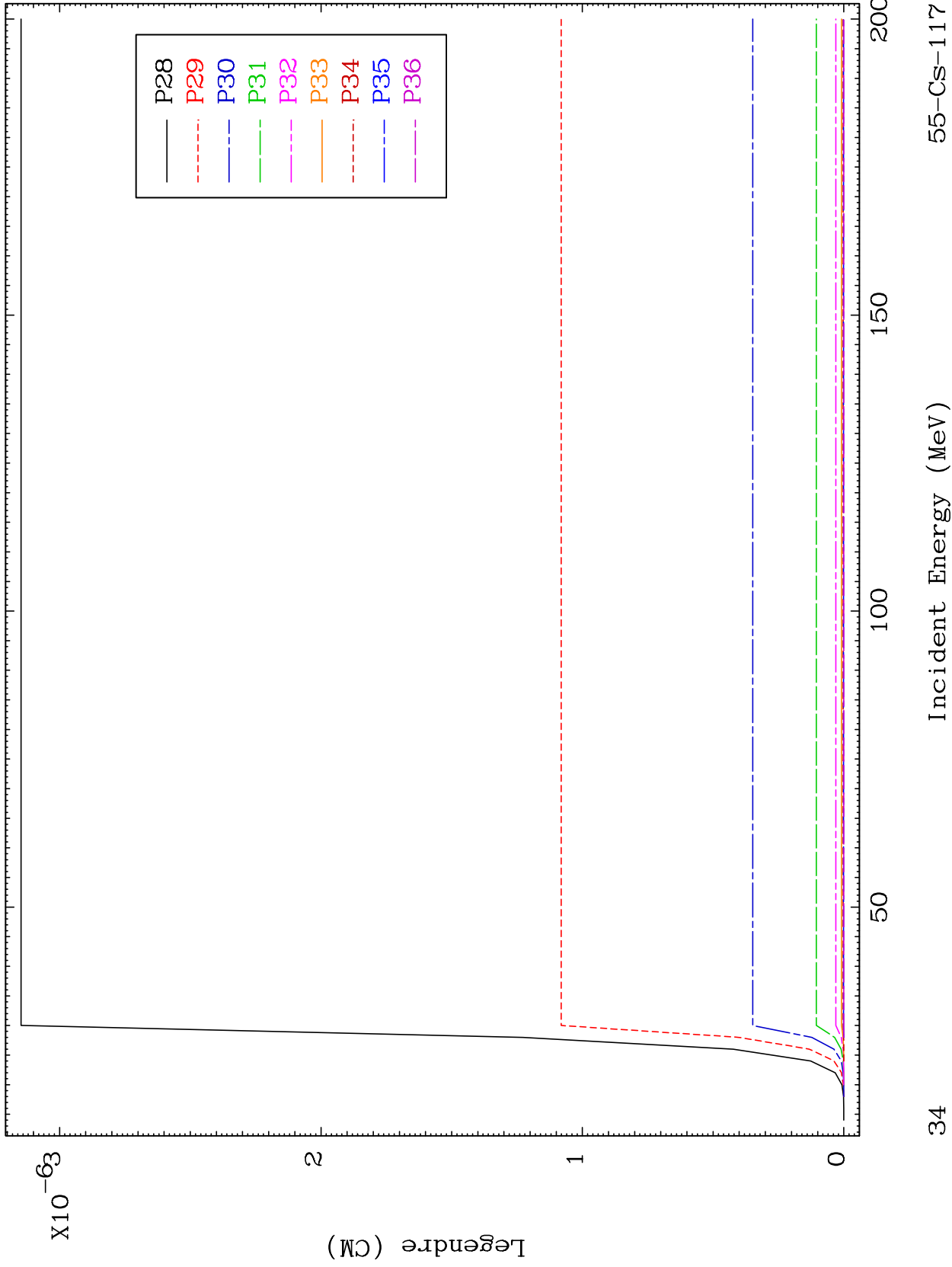
Incident Energy (MeV)

55-Cs-117

MAT 5477

489.4 keV (n,n') Level
Legendre Coefficients

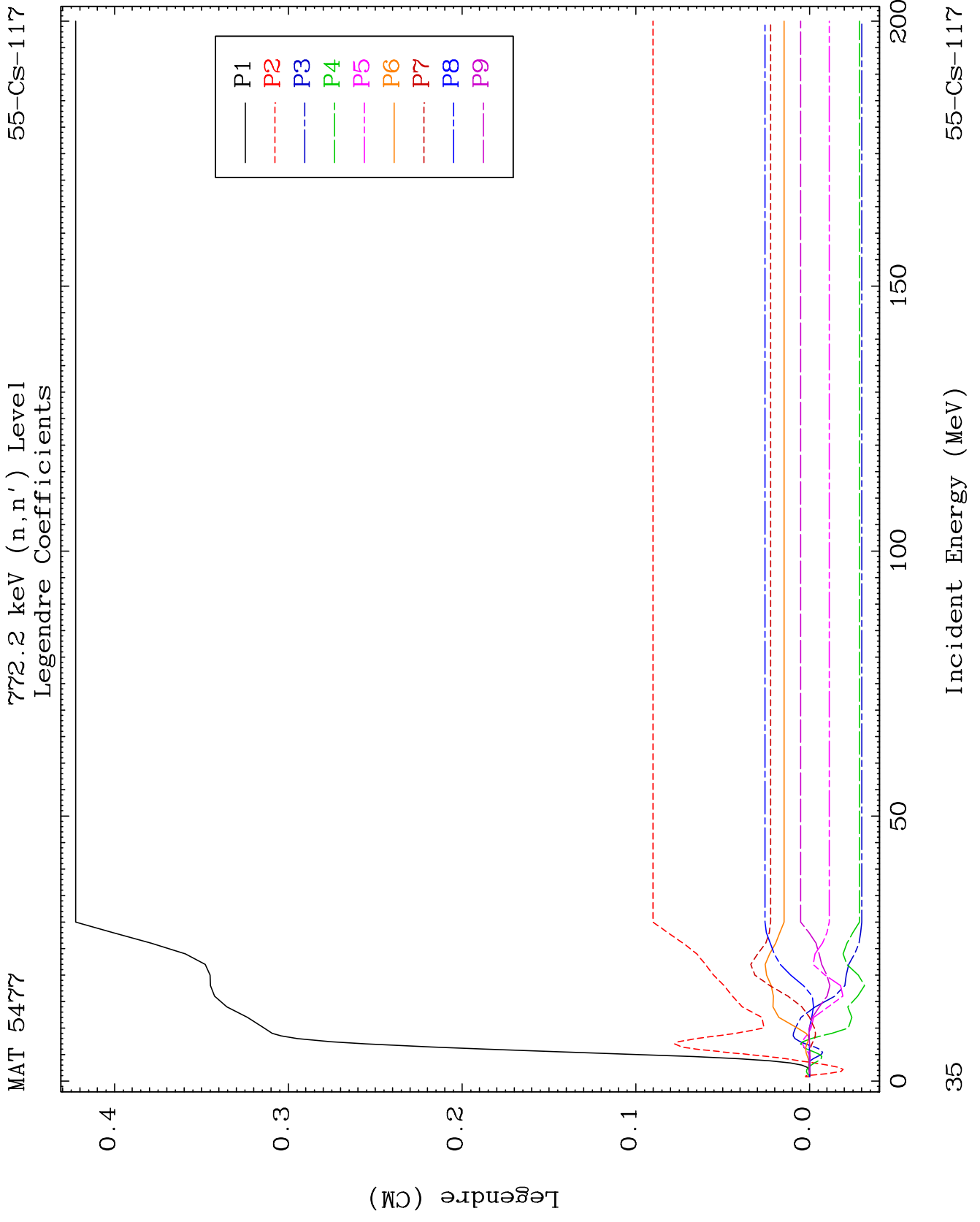
55-Cs-117

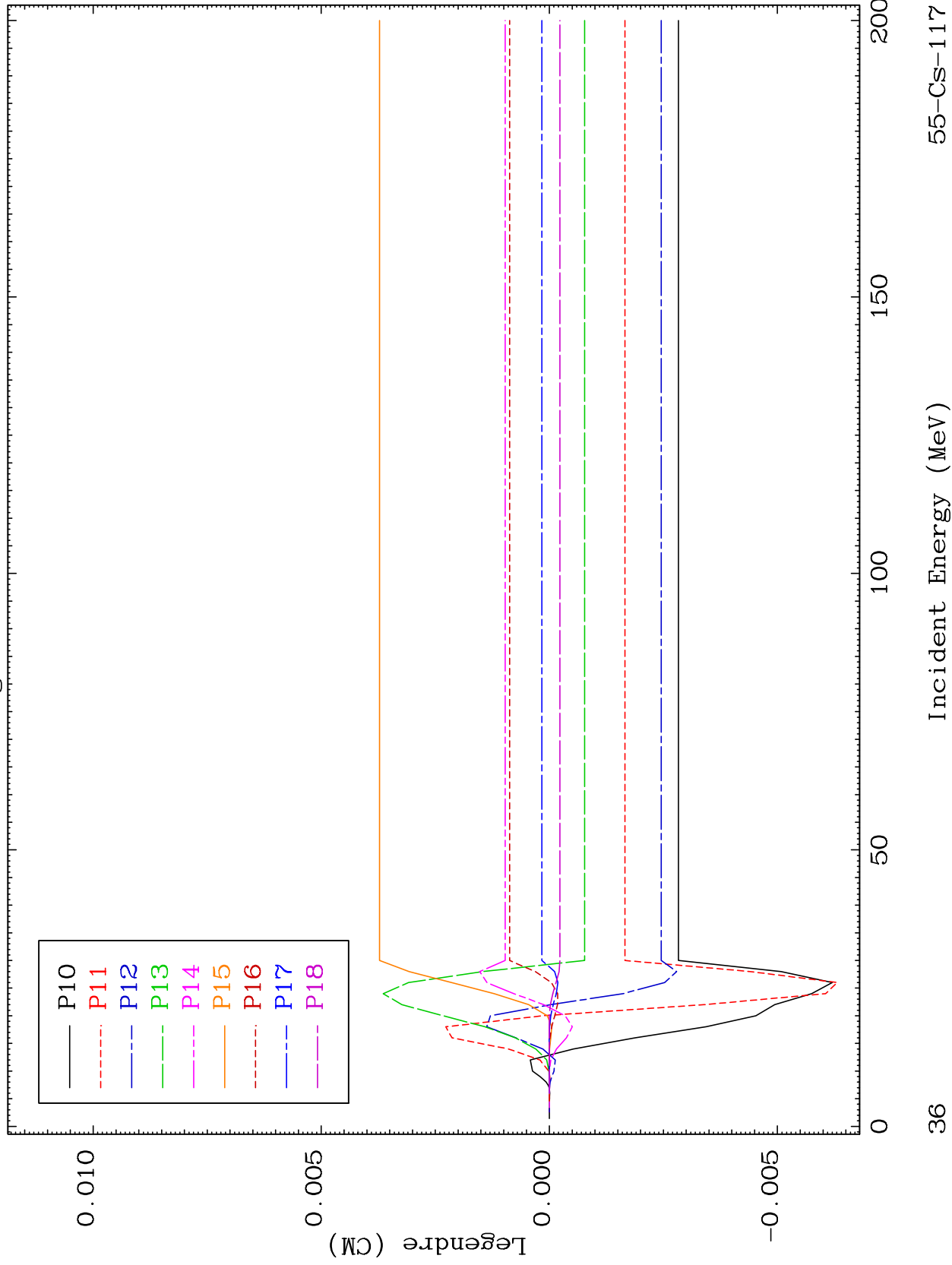


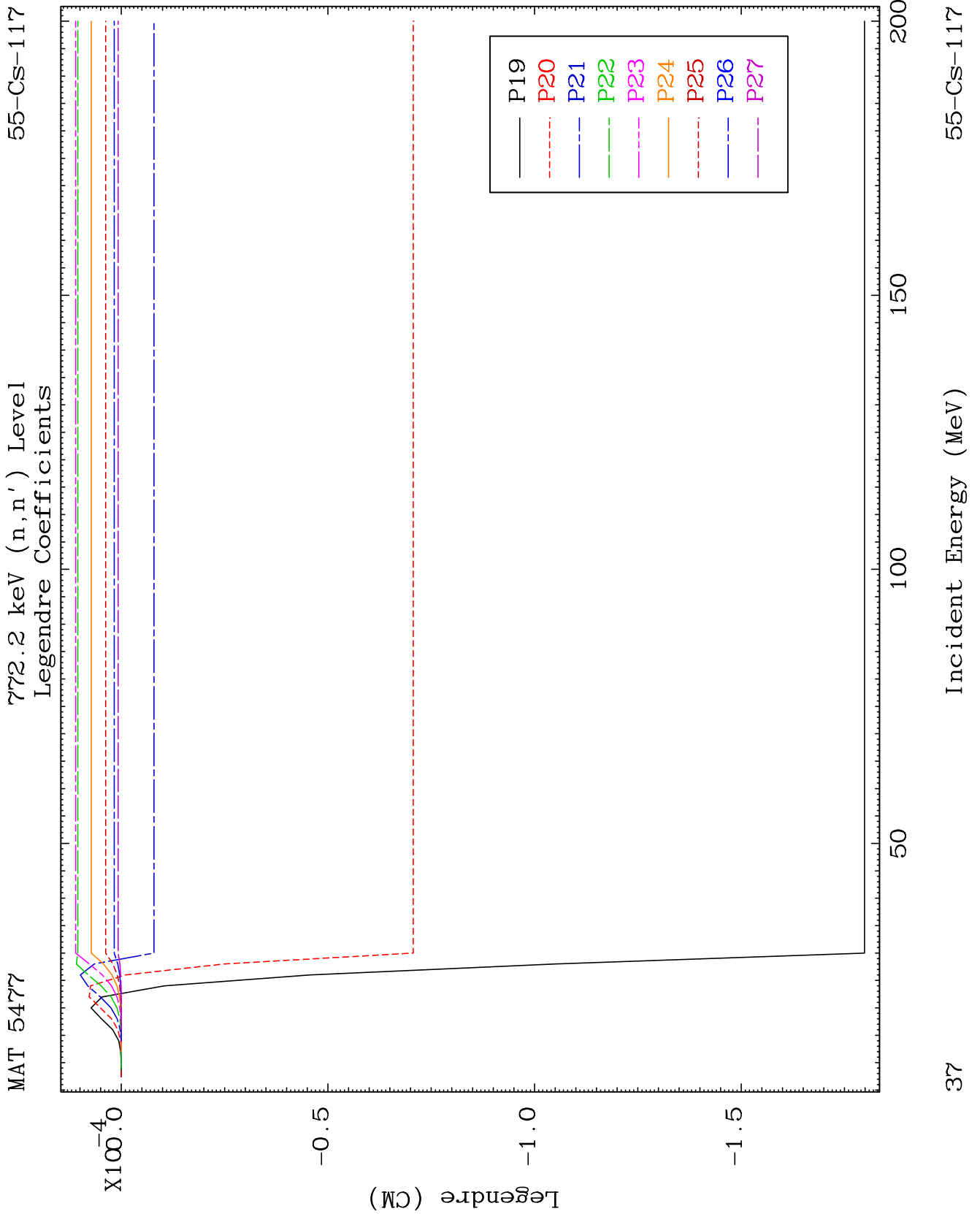
34

Incident Energy (MeV)

55-Cs-117



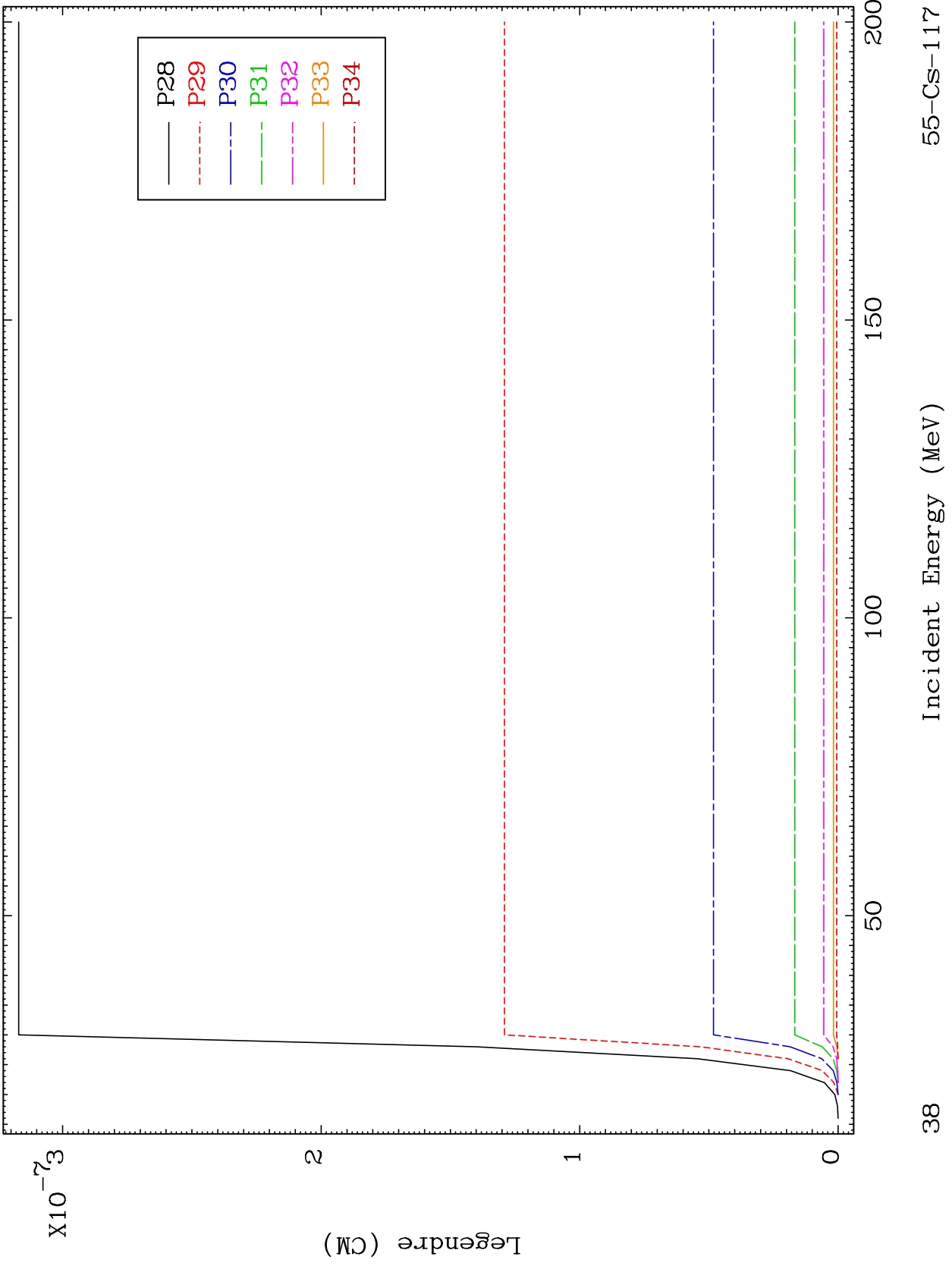


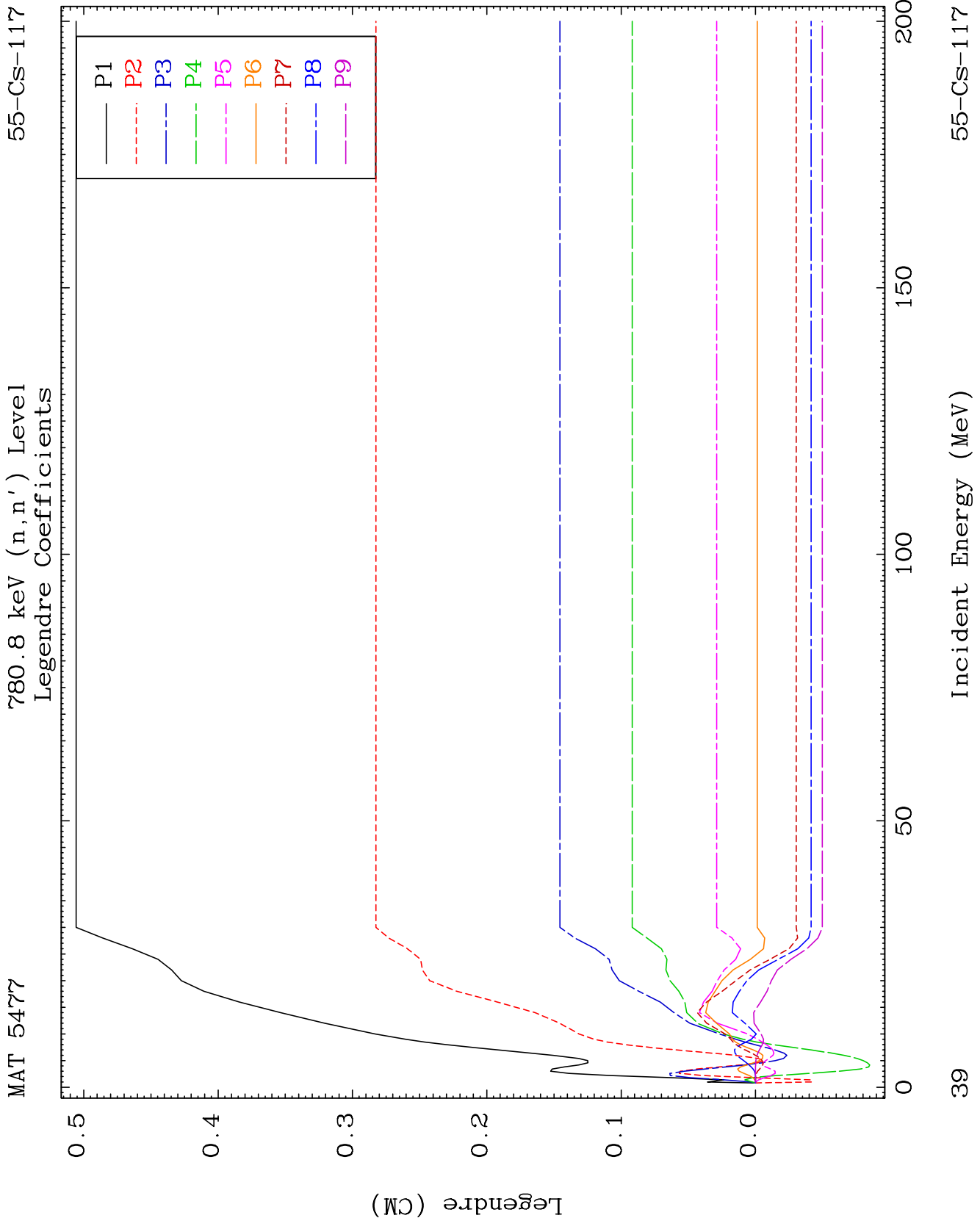


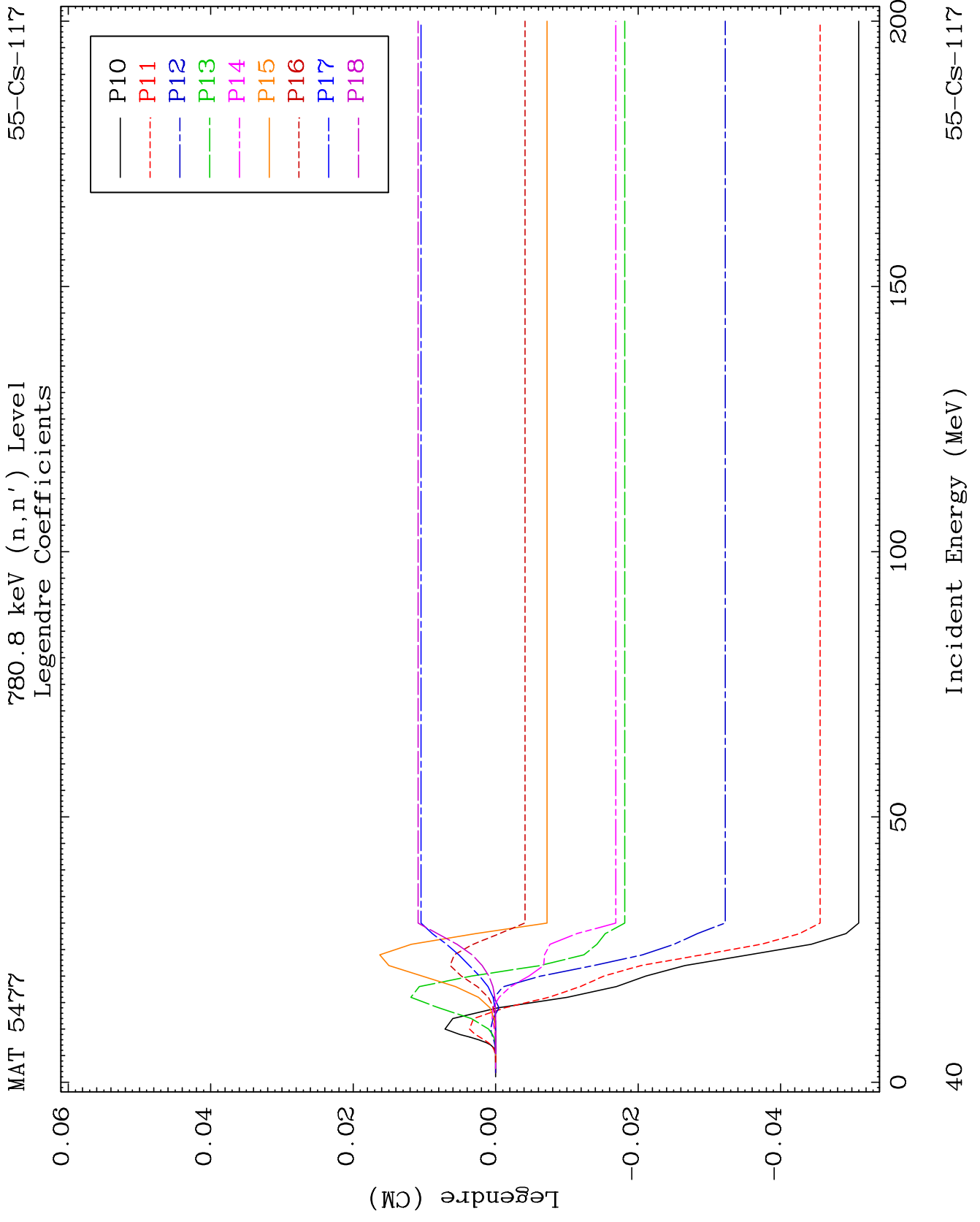
MAT 5477

772.2 keV (n,n') Level
Legendre Coefficients

55-Cs-117



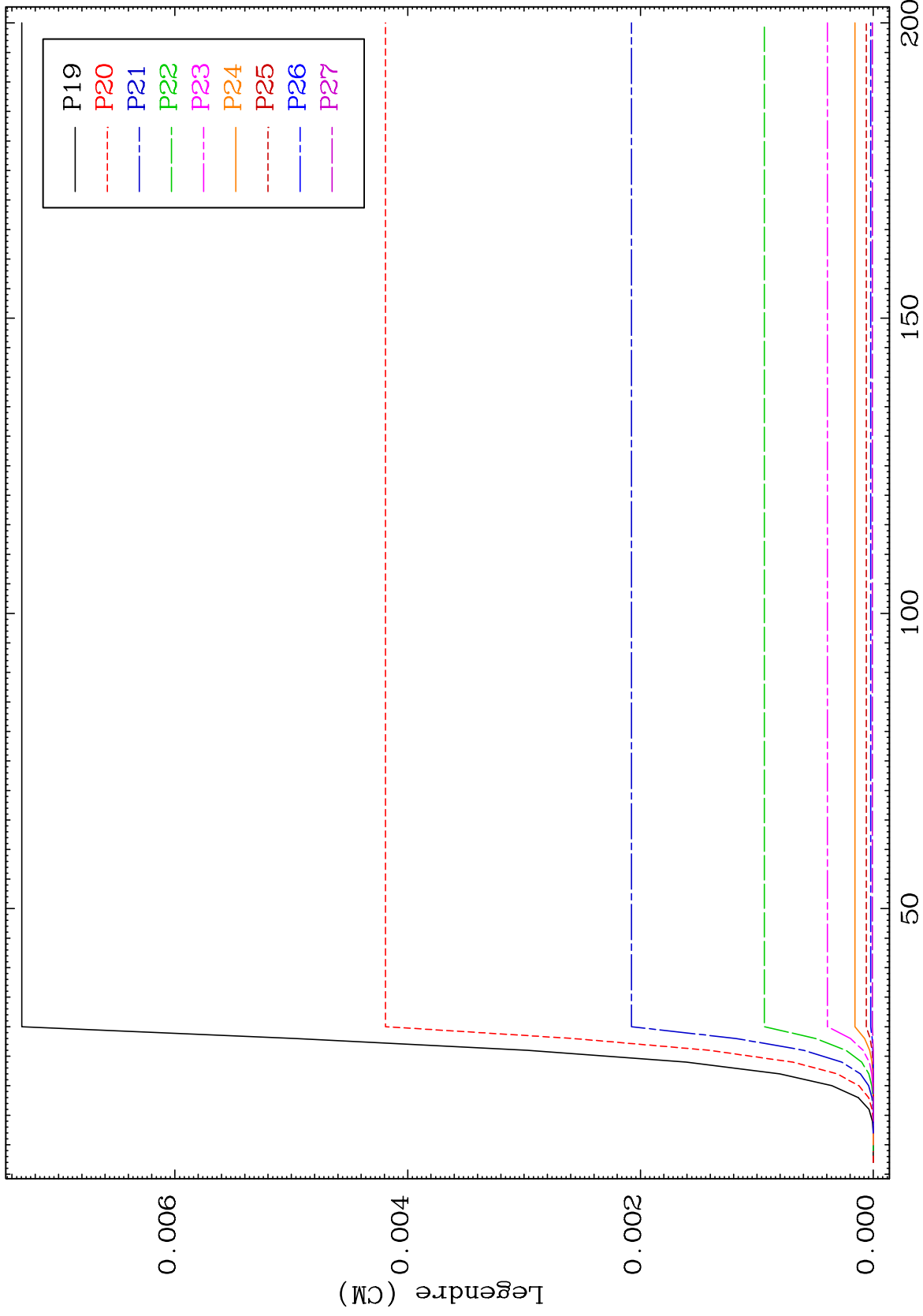




MAT 5477

780.8 keV (n,n') Level
Legendre Coefficients

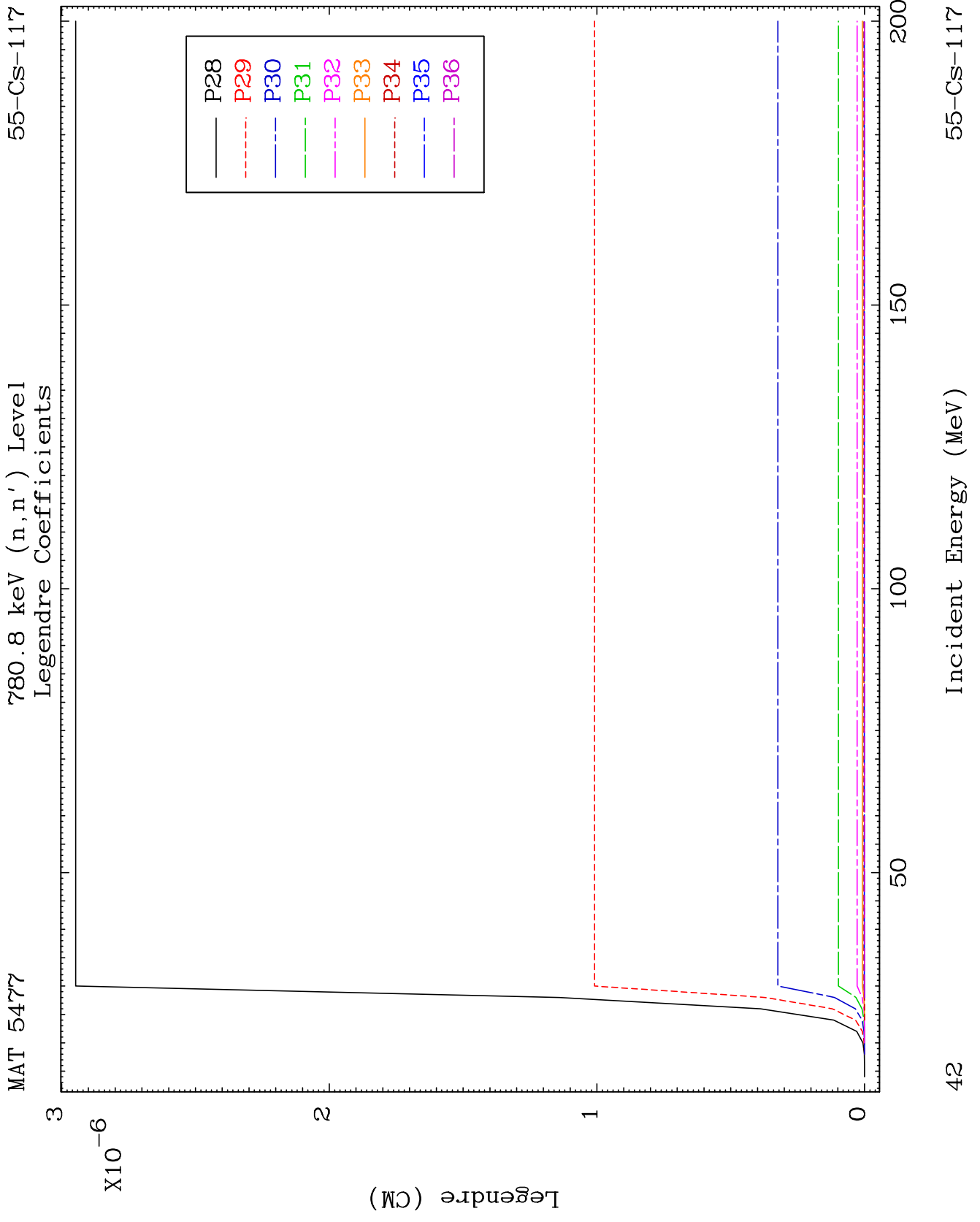
55-Cs-117



41

Incident Energy (MeV)

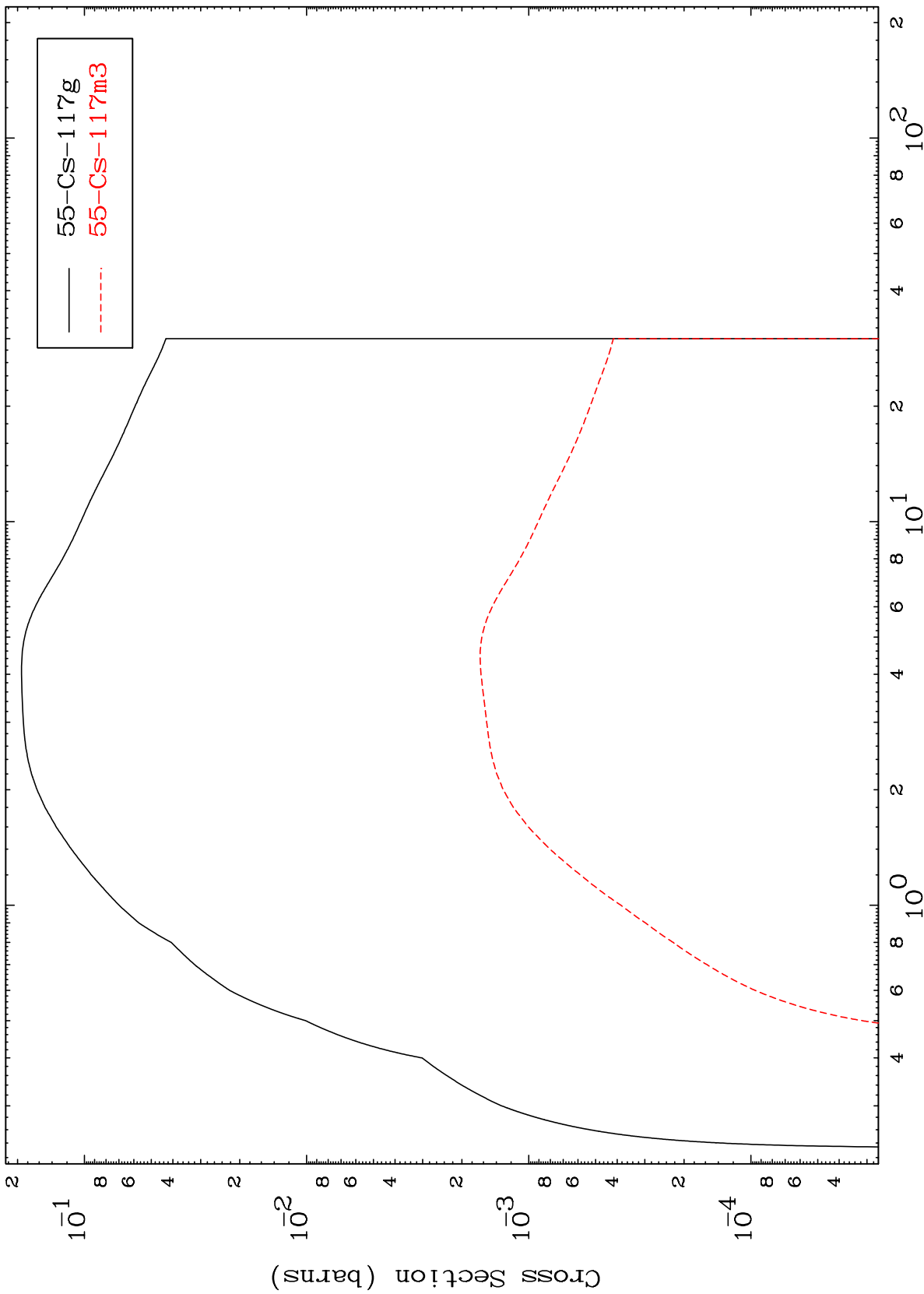
55-Cs-117



MAT 5477

55-Cs-117

Inelastic
Radionuclide Production Cross Section



43

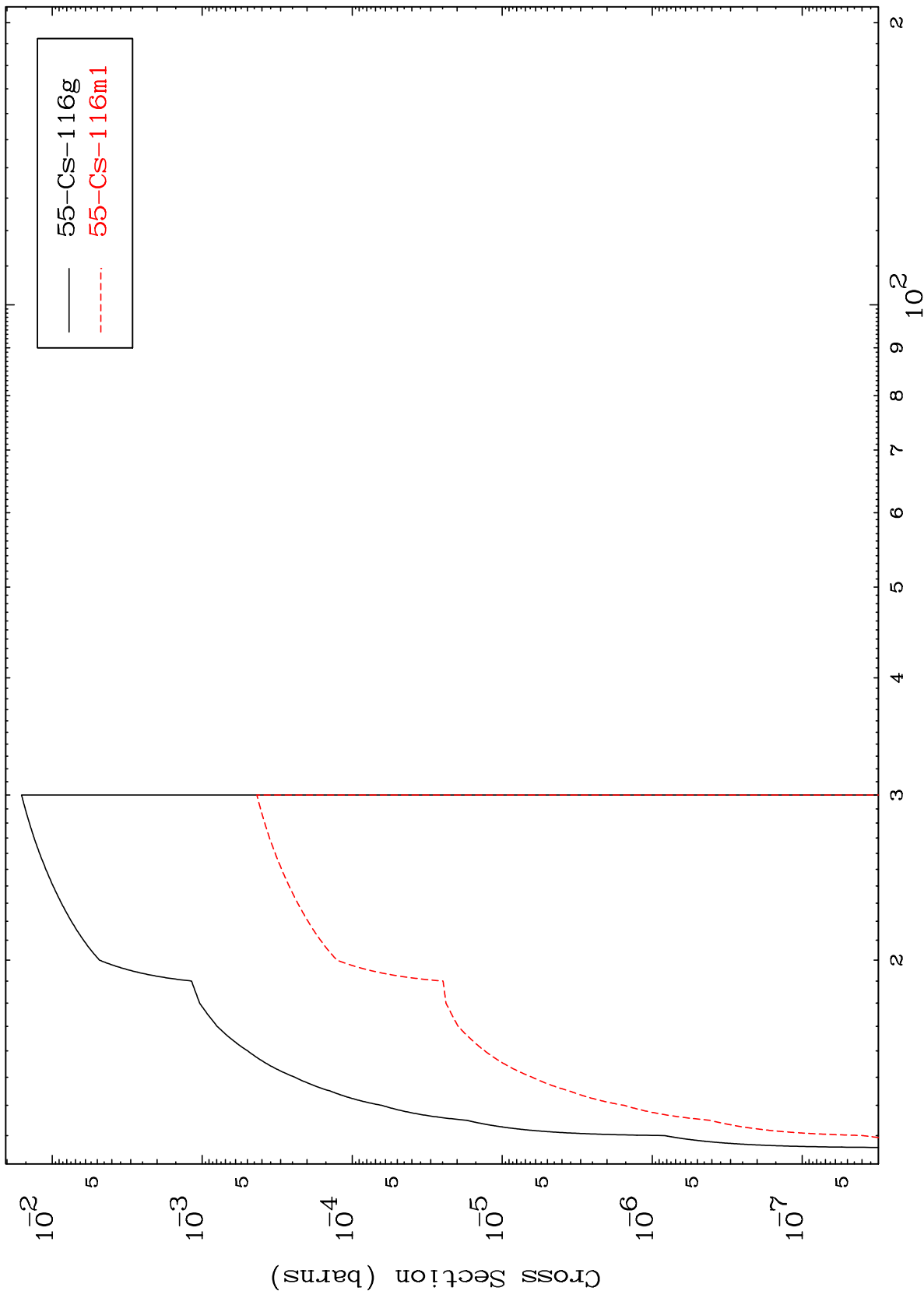
55-Cs-117

Incident Energy (MeV)

MAT 5477

55-Cs-117

(n,2n)
Radionuclide Production Cross Section



55-Cs-117

Incident Energy (MeV)

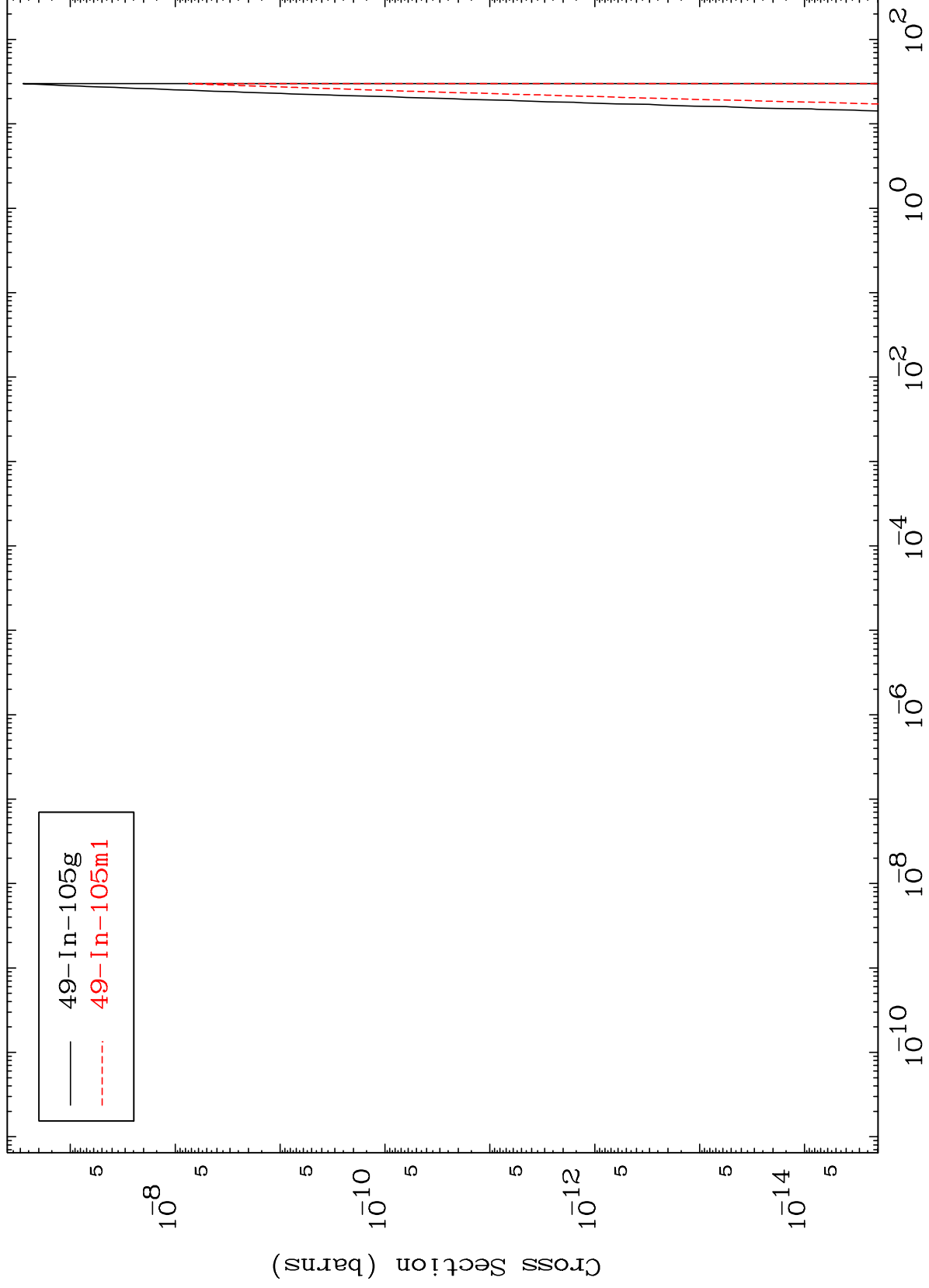
44

MAT 5477

(n,n') 3 α

55-Cs-117

Radionuclide Production Cross Section

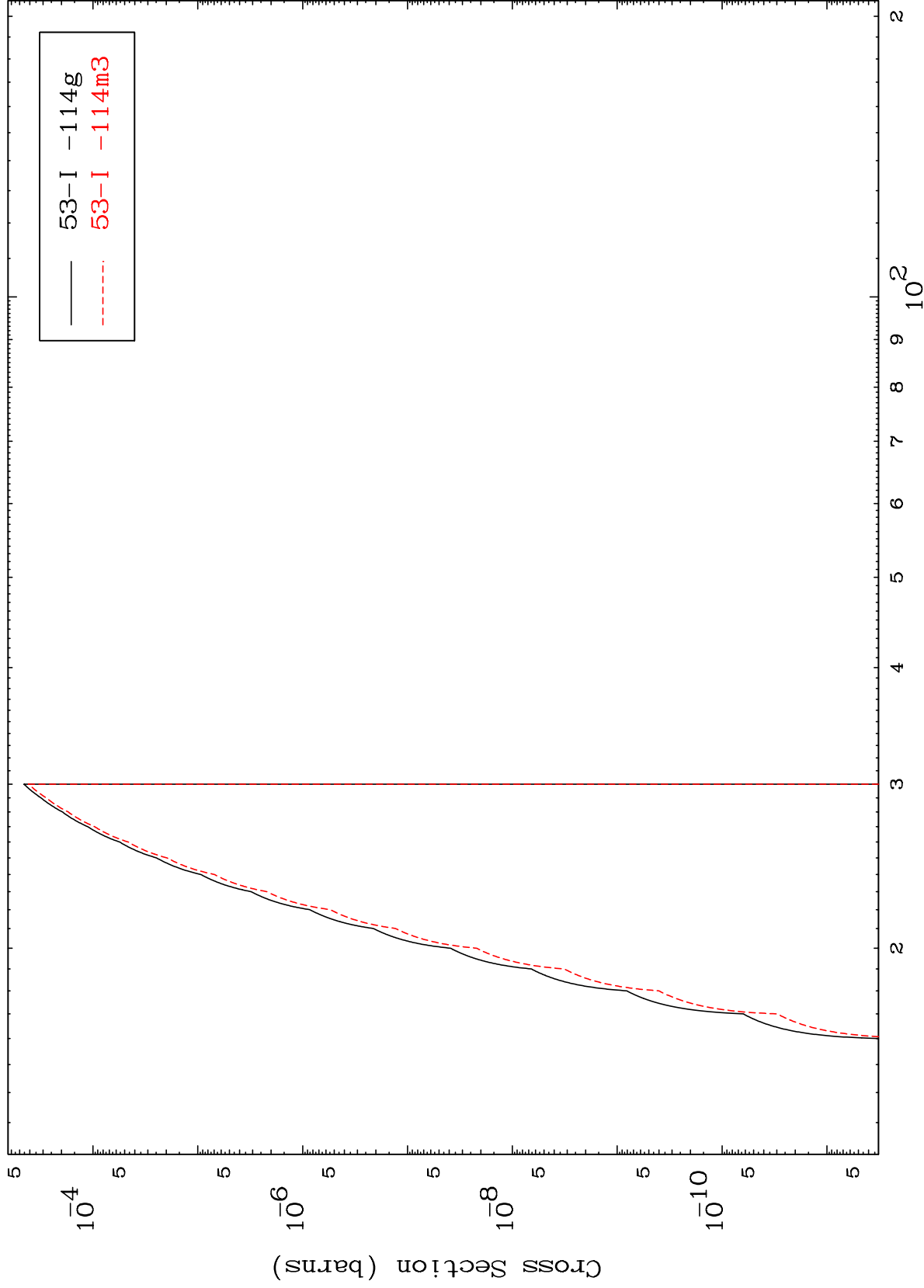


45

Incident Energy (MeV)

55-Cs-117

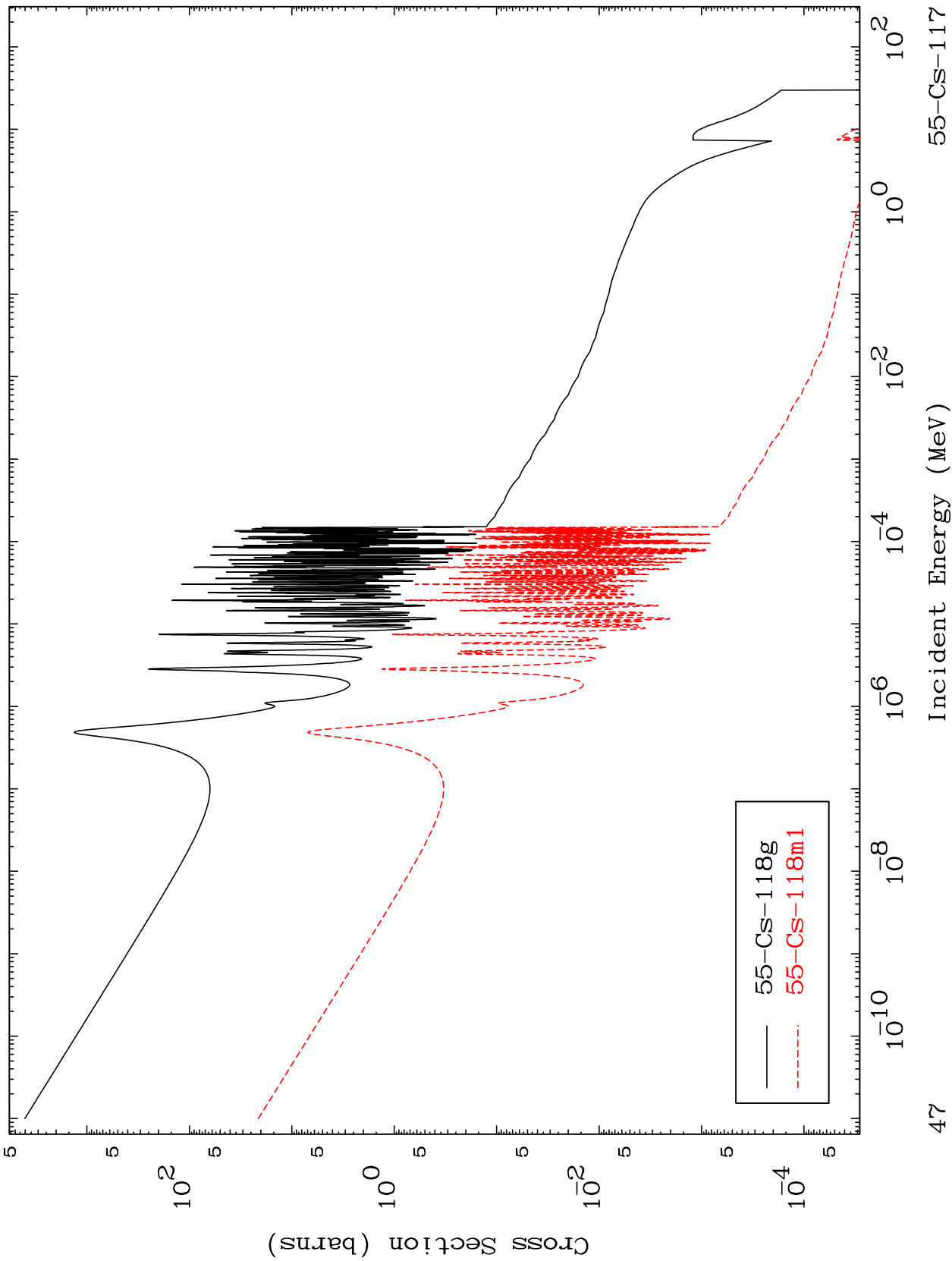
Radionuclide Production Cross Section



MAT 5477

55-Cs-117

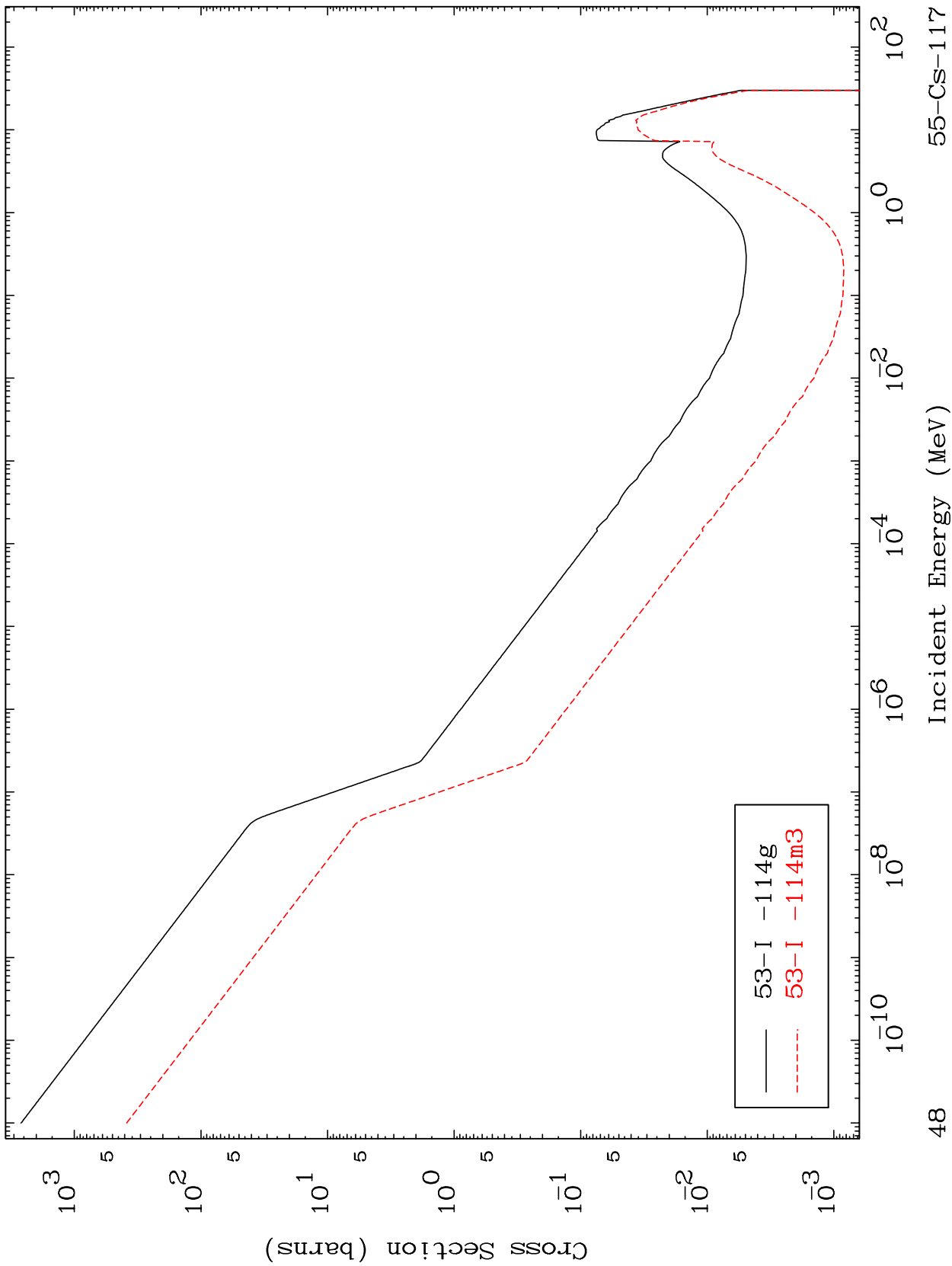
(n, γ)
Radionuclide Production Cross Section



MAT 5477

55-Cs-117

(n, α)
Radionuclide Production Cross Section

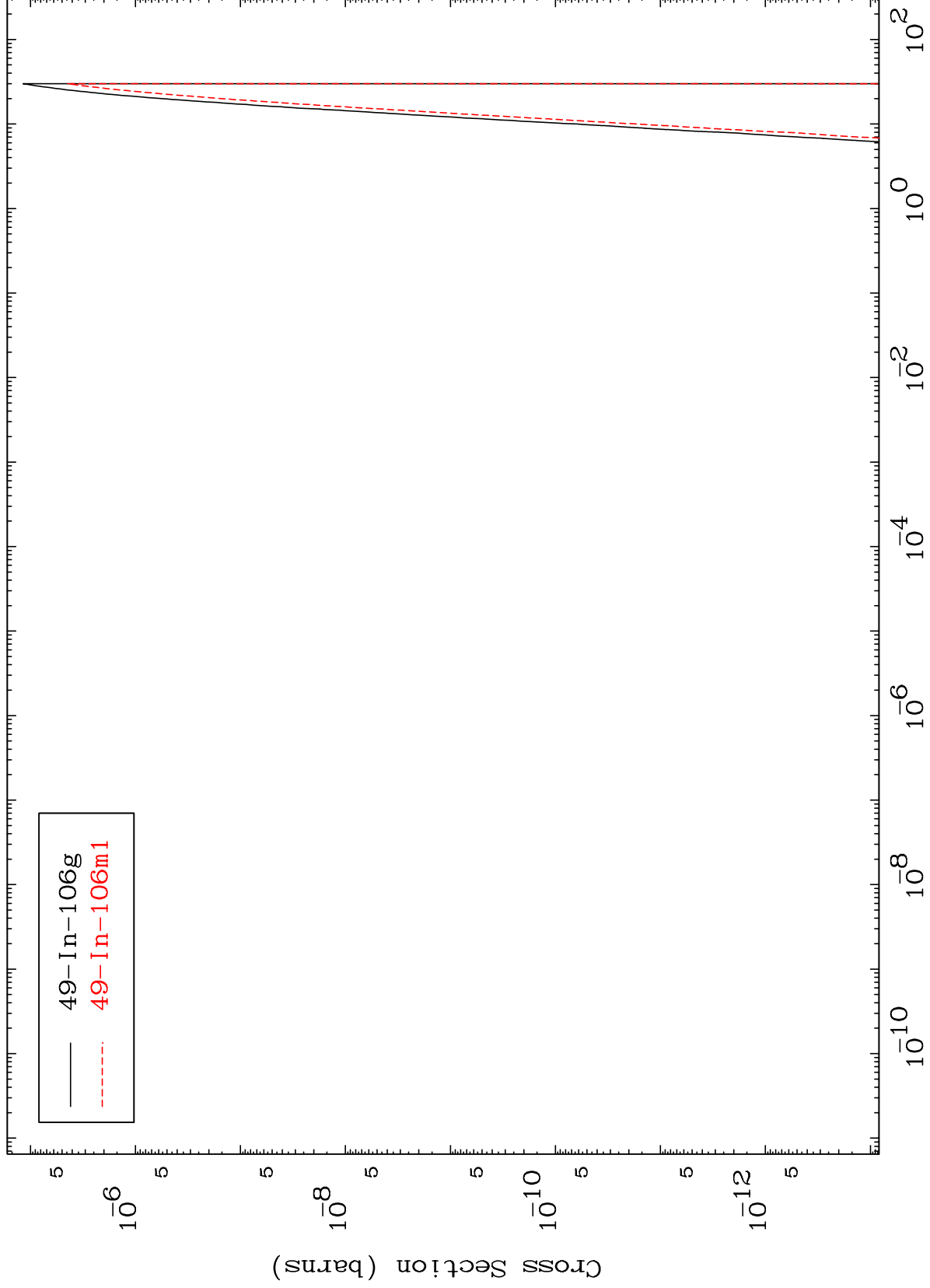


MAT 5477

(n,3 α)

55-Cs-117

Radionuclide Production Cross Section



49-In-106g
49-In-106m1

49

Incident Energy (MeV)

55-Cs-117

