

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

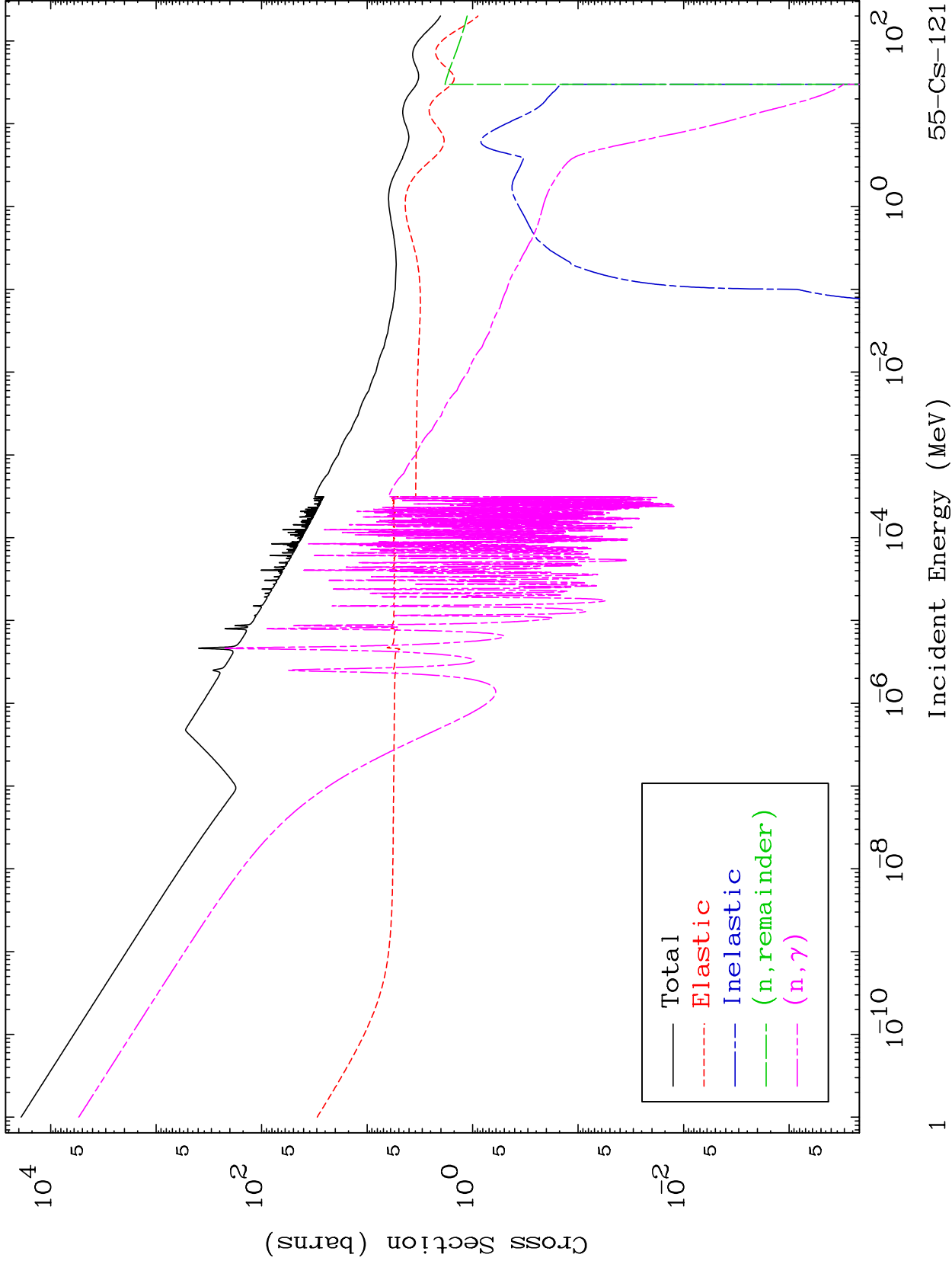
Press Mouse Button to Start

MAT 5489

Major

293 Kelvin Cross Sections

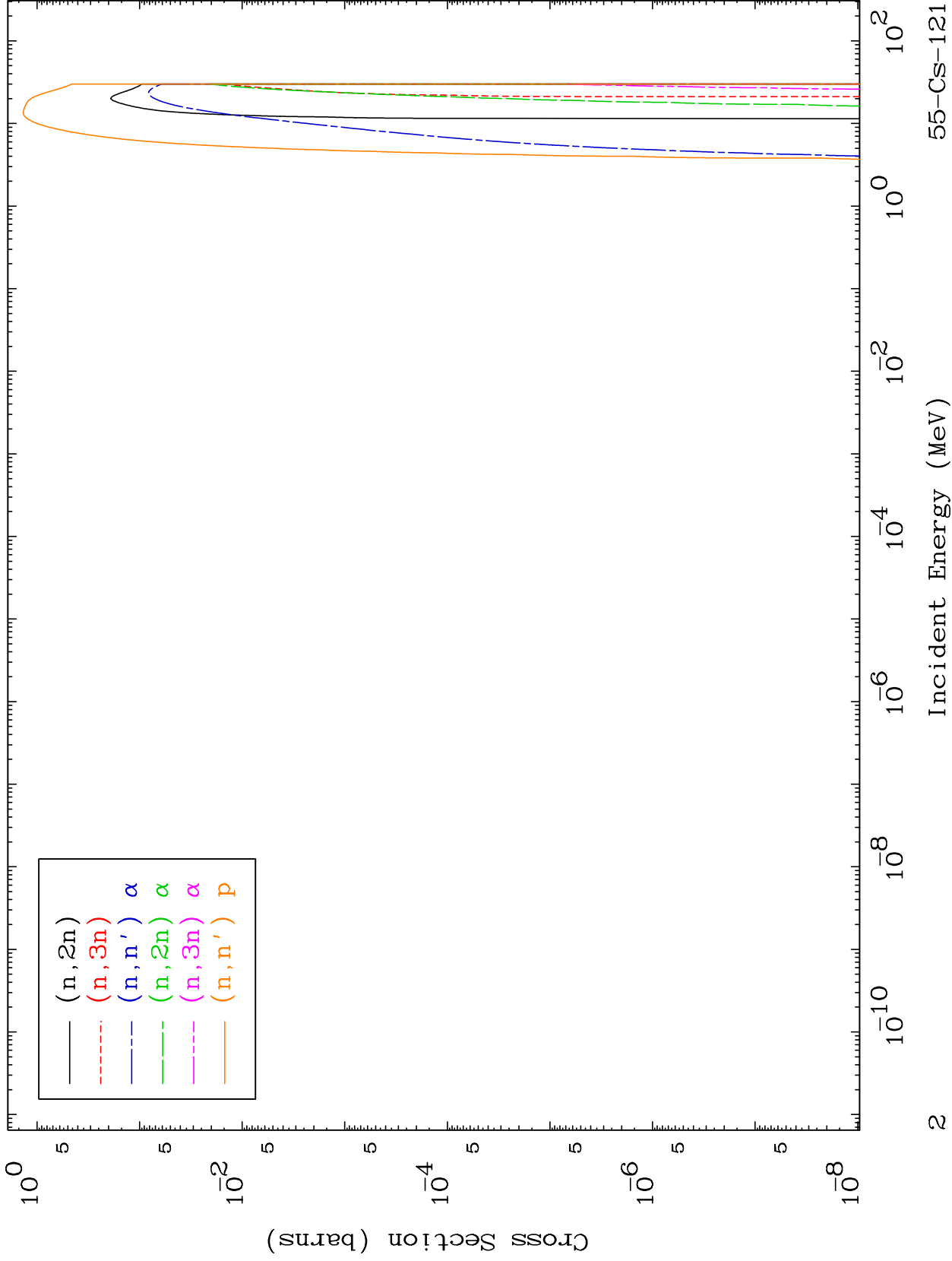
55-Cs-121



MAT 5489

Neutron Production
293 Kelvin Cross Sections

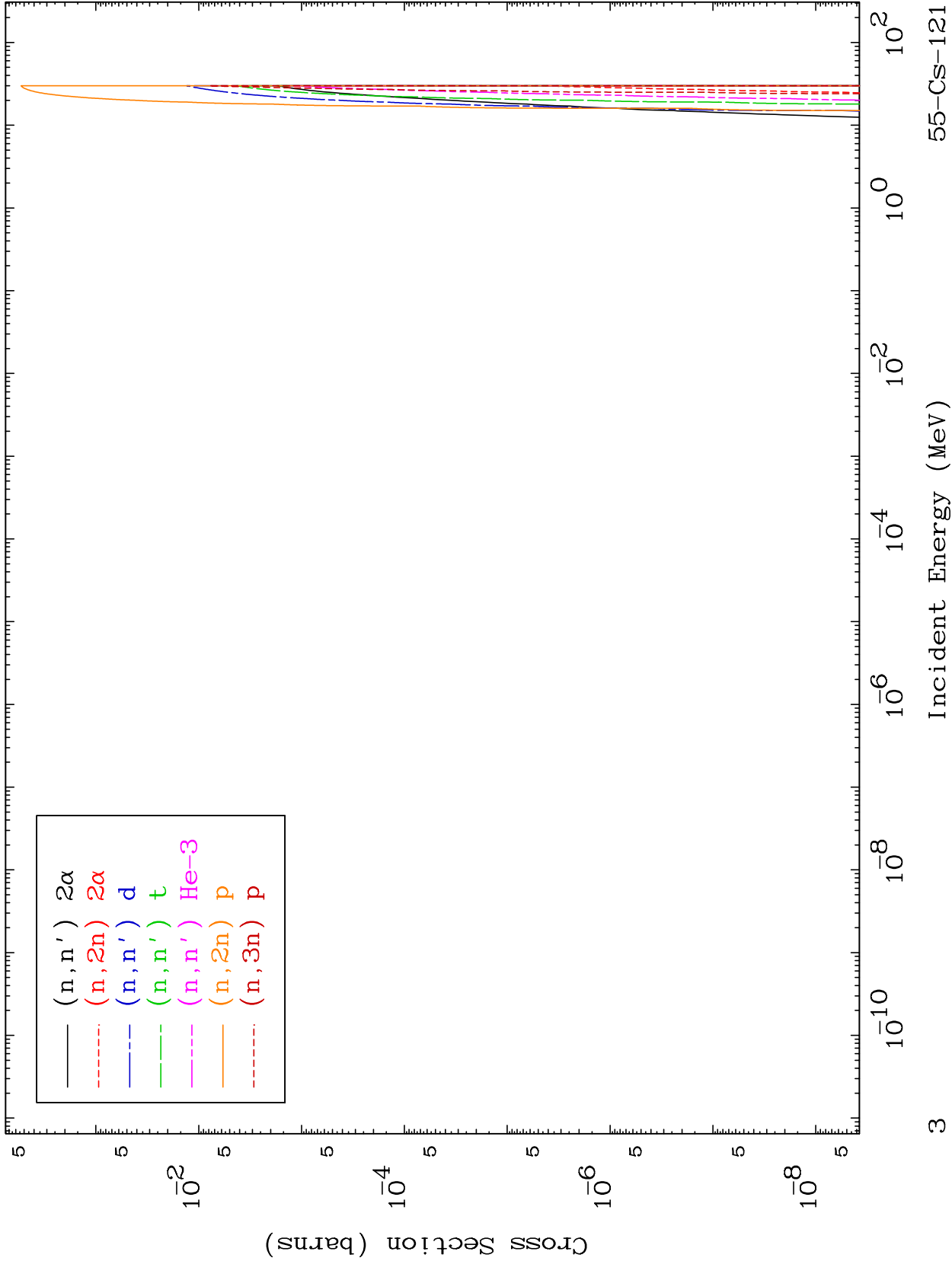
55-Cs-121



MAT 5489

Neutron Production
293 Kelvin Cross Sections

55-Cs-121

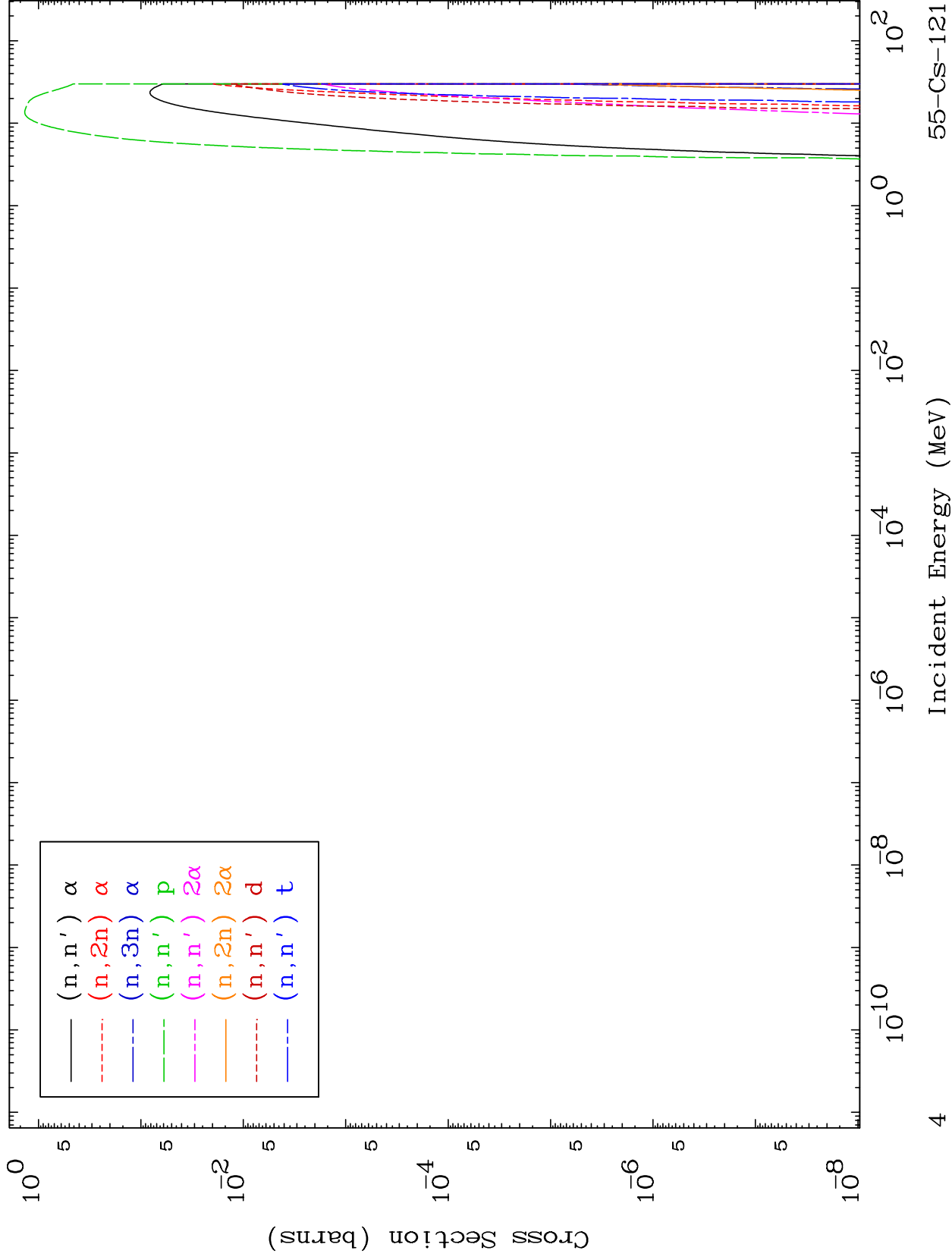


55-Cs-121

MAT 5489

Charged Particle
293 Kelvin Cross Sections

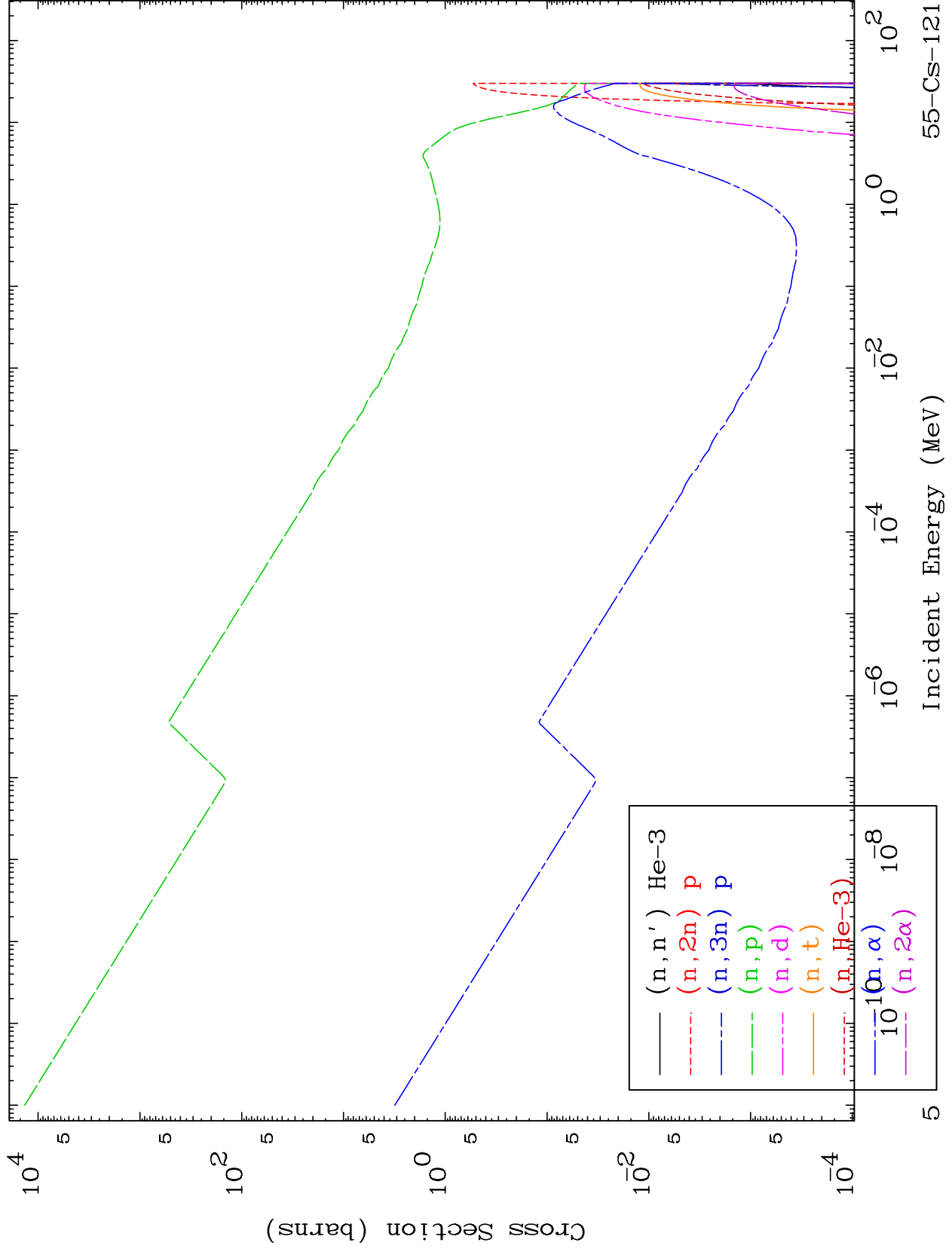
55-Cs-121

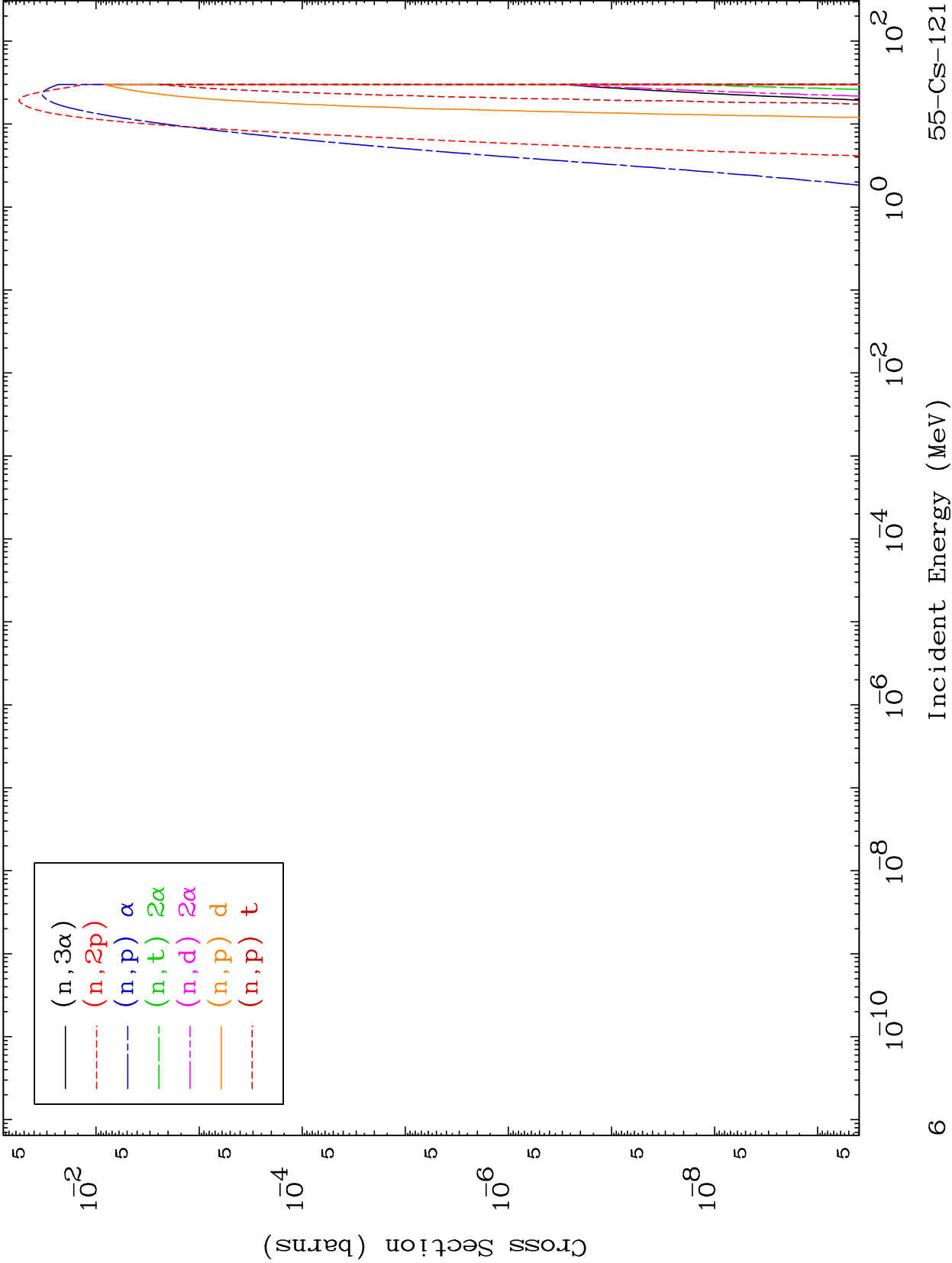


MAT 5489

Charged Particle
293 Kelvin Cross Sections

55-Cs-121

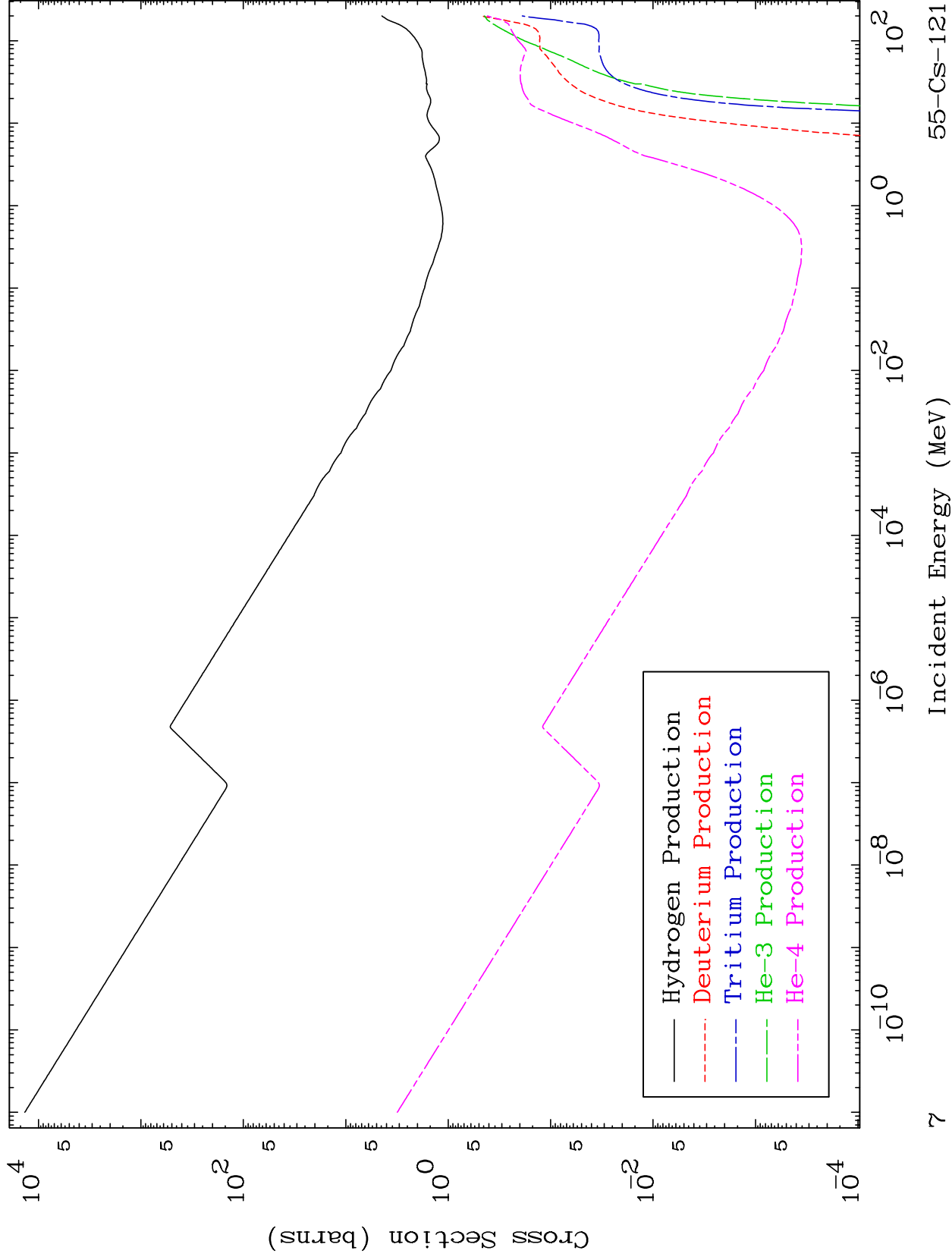


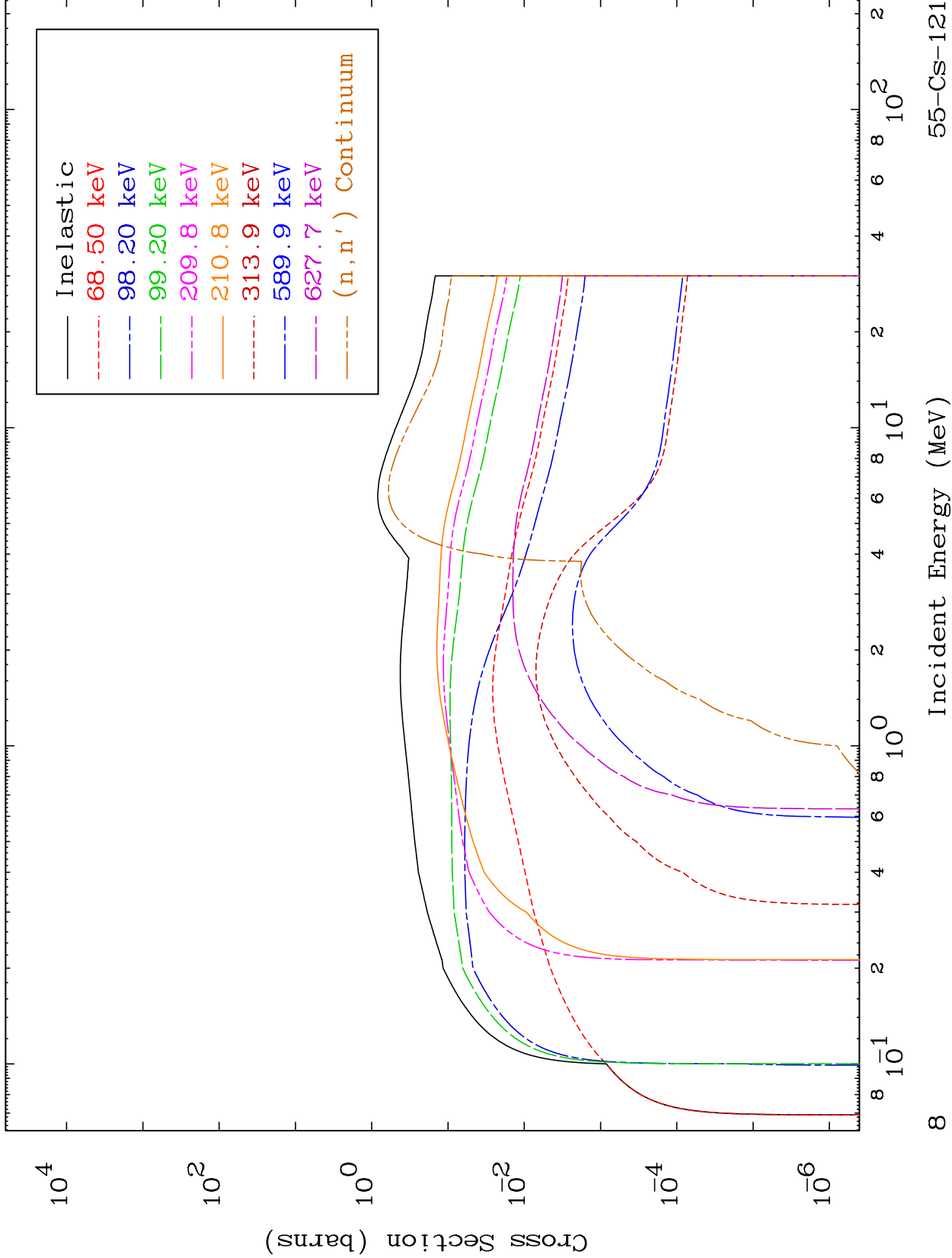


MAT 5489

Particle Production
293 Kelvin Cross Sections

55-Cs-121

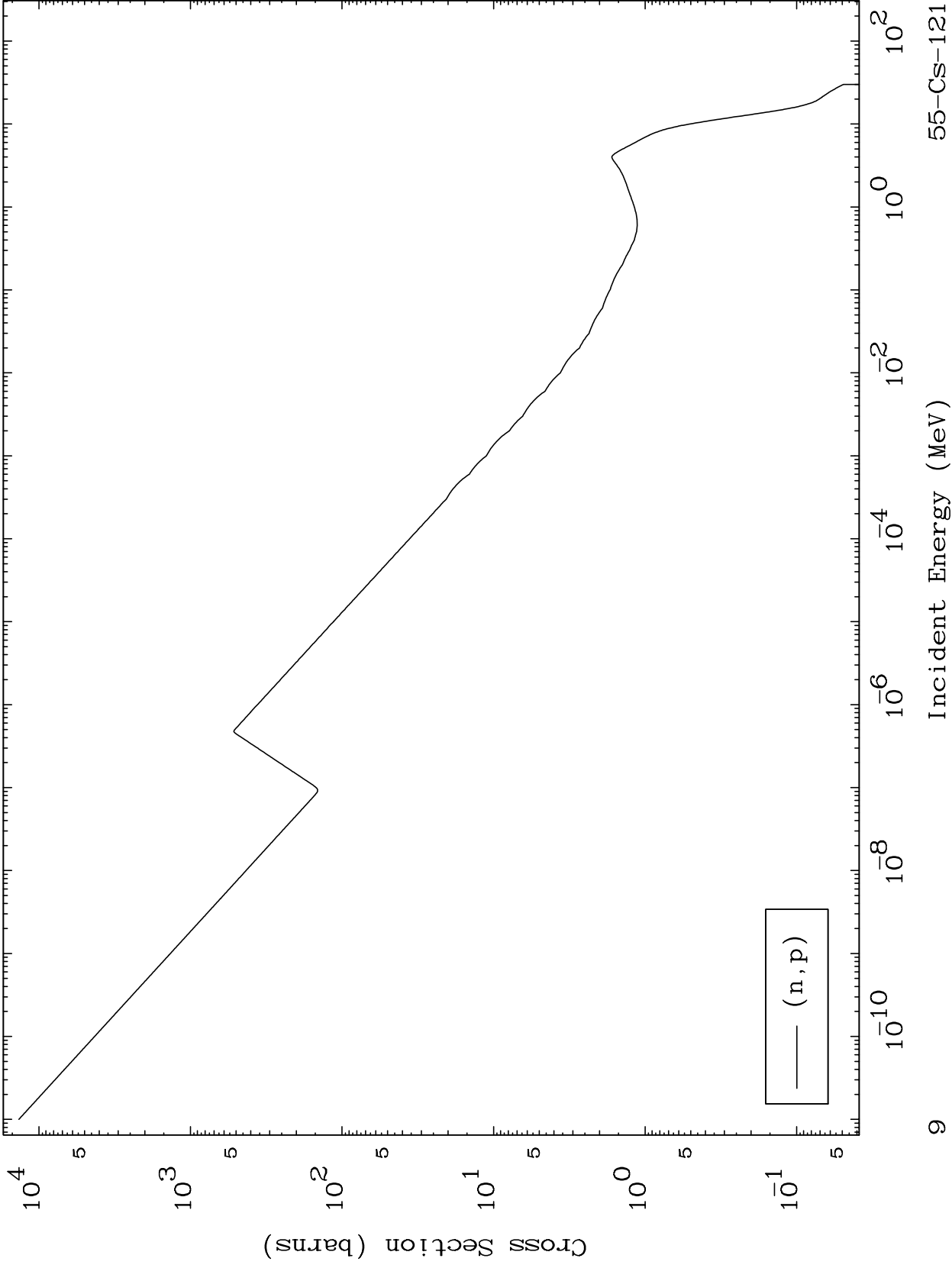




MAT 5489

(n,p) Levels
293 Kelvin Cross Sections

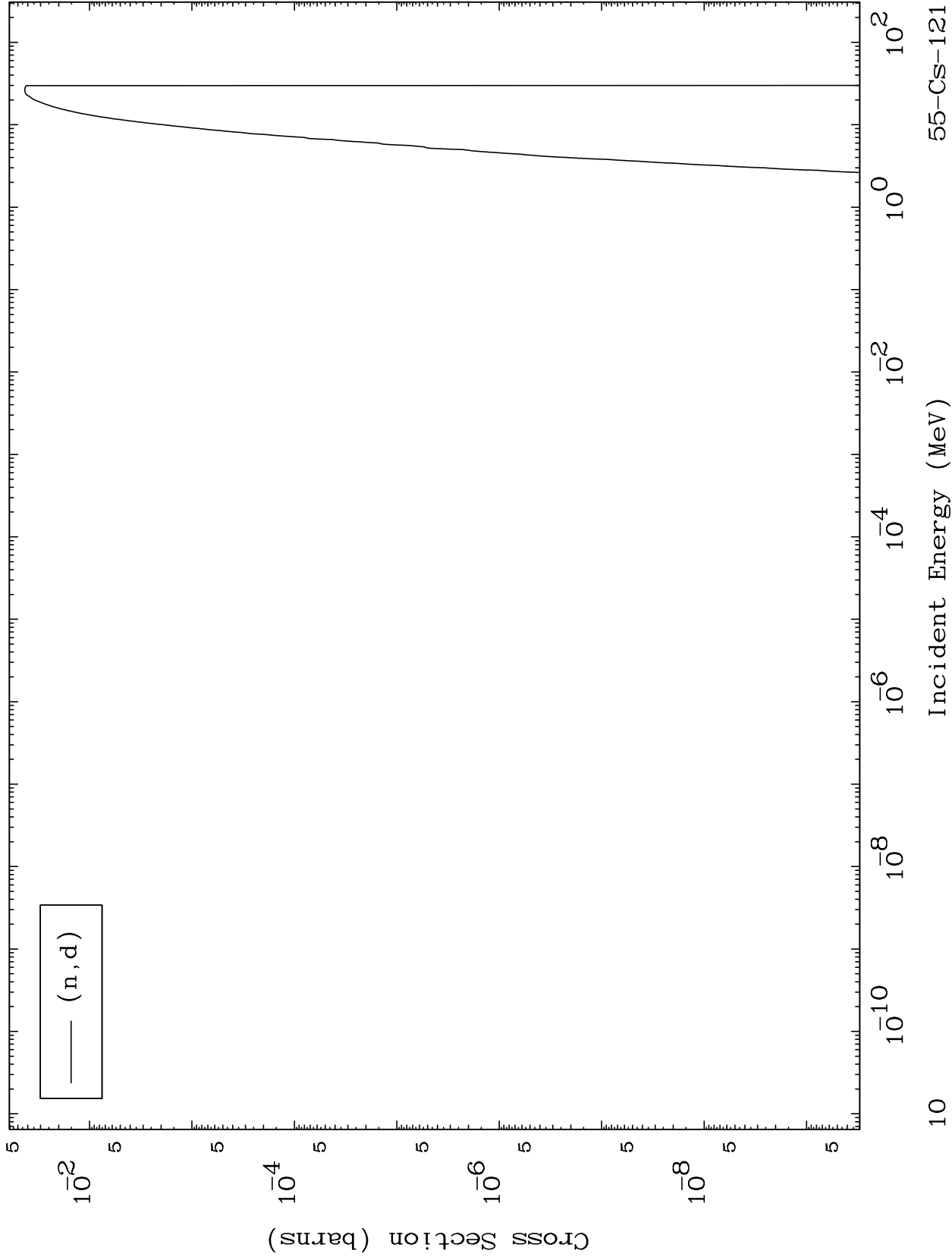
55-Cs-121



MAT 5489

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-121



10

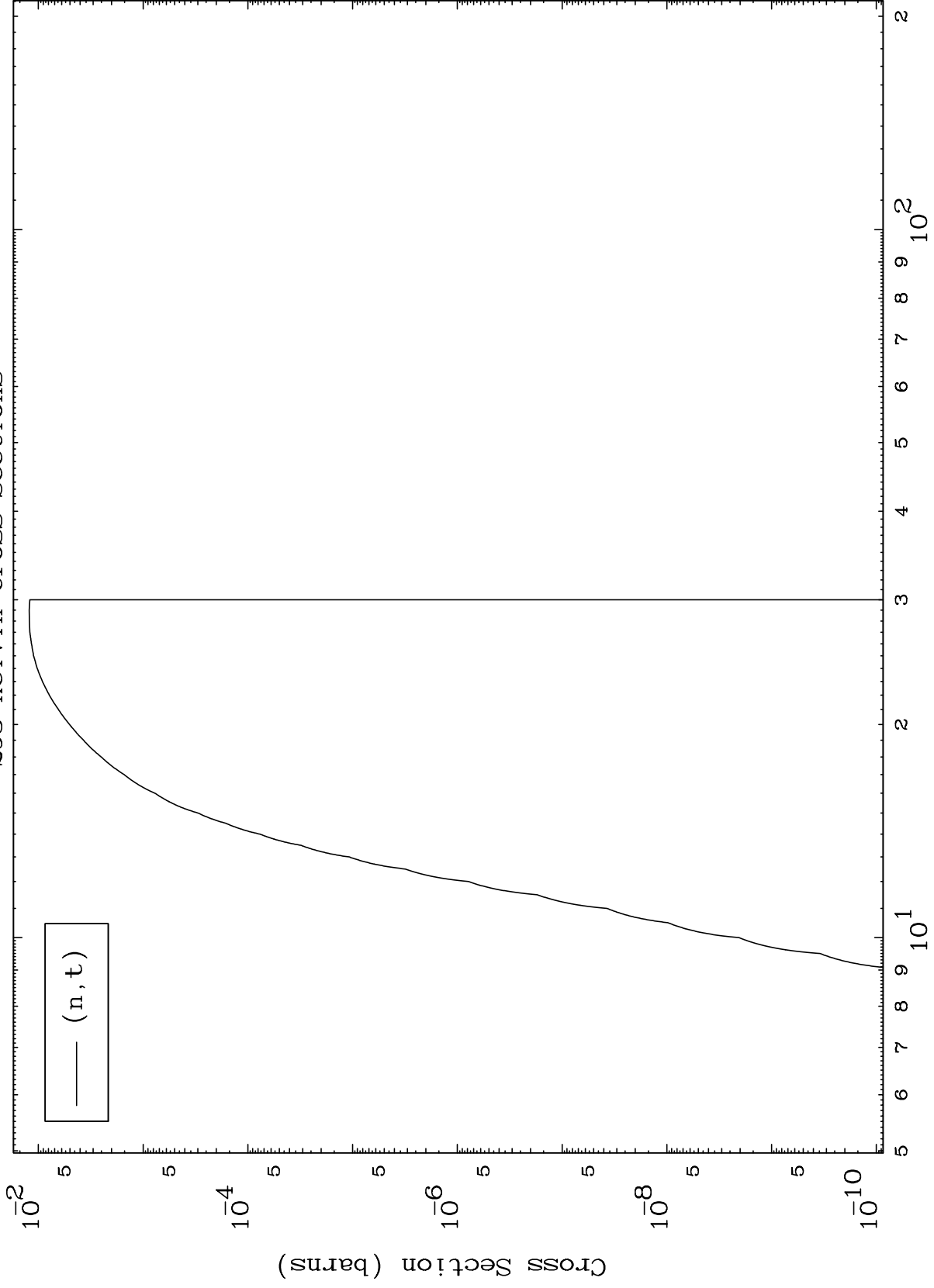
Incident Energy (MeV)

55-Cs-121

MAT 5489

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-121



11

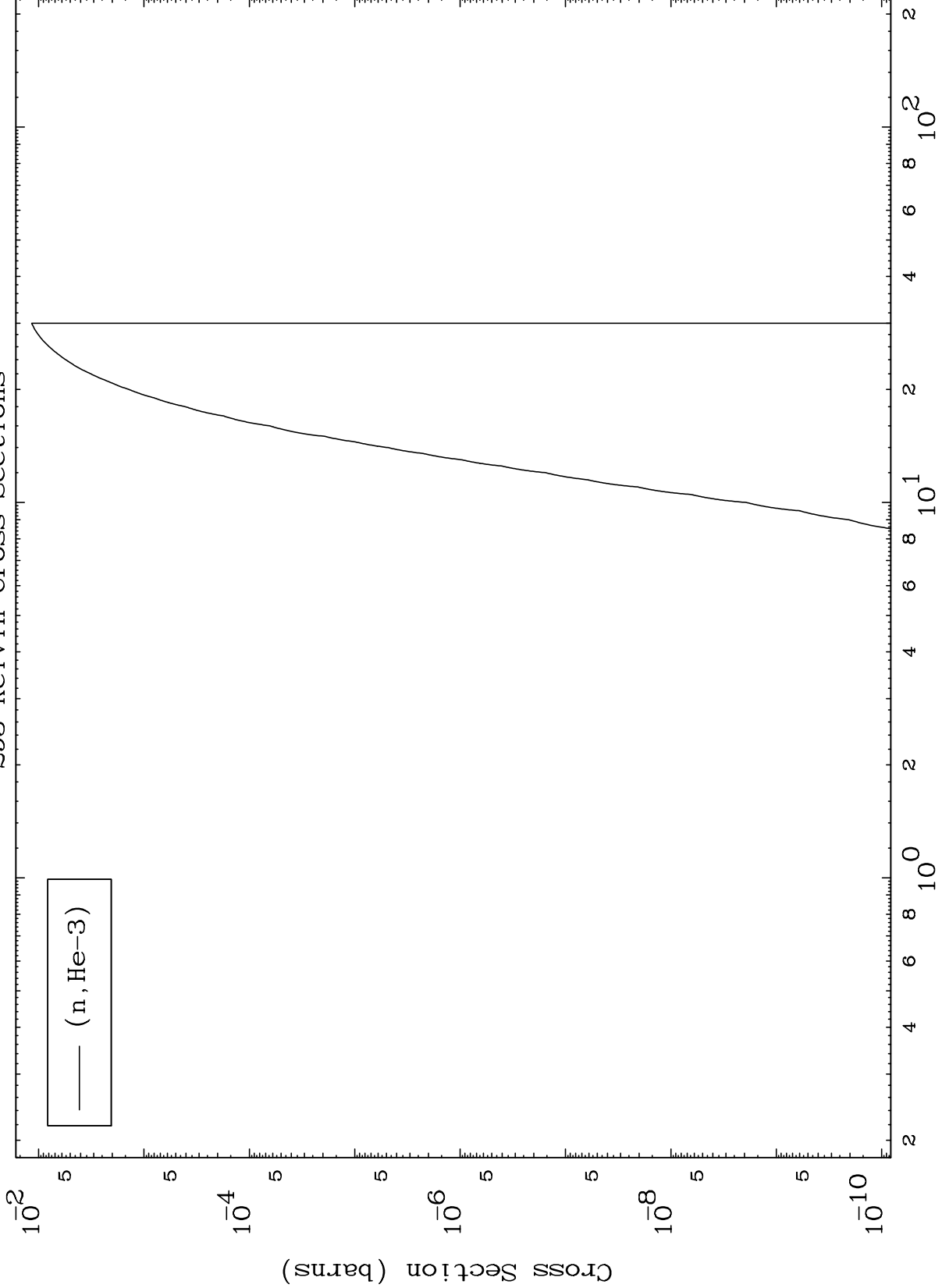
Incident Energy (MeV)

55-Cs-121

MAT 5489

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-121



12

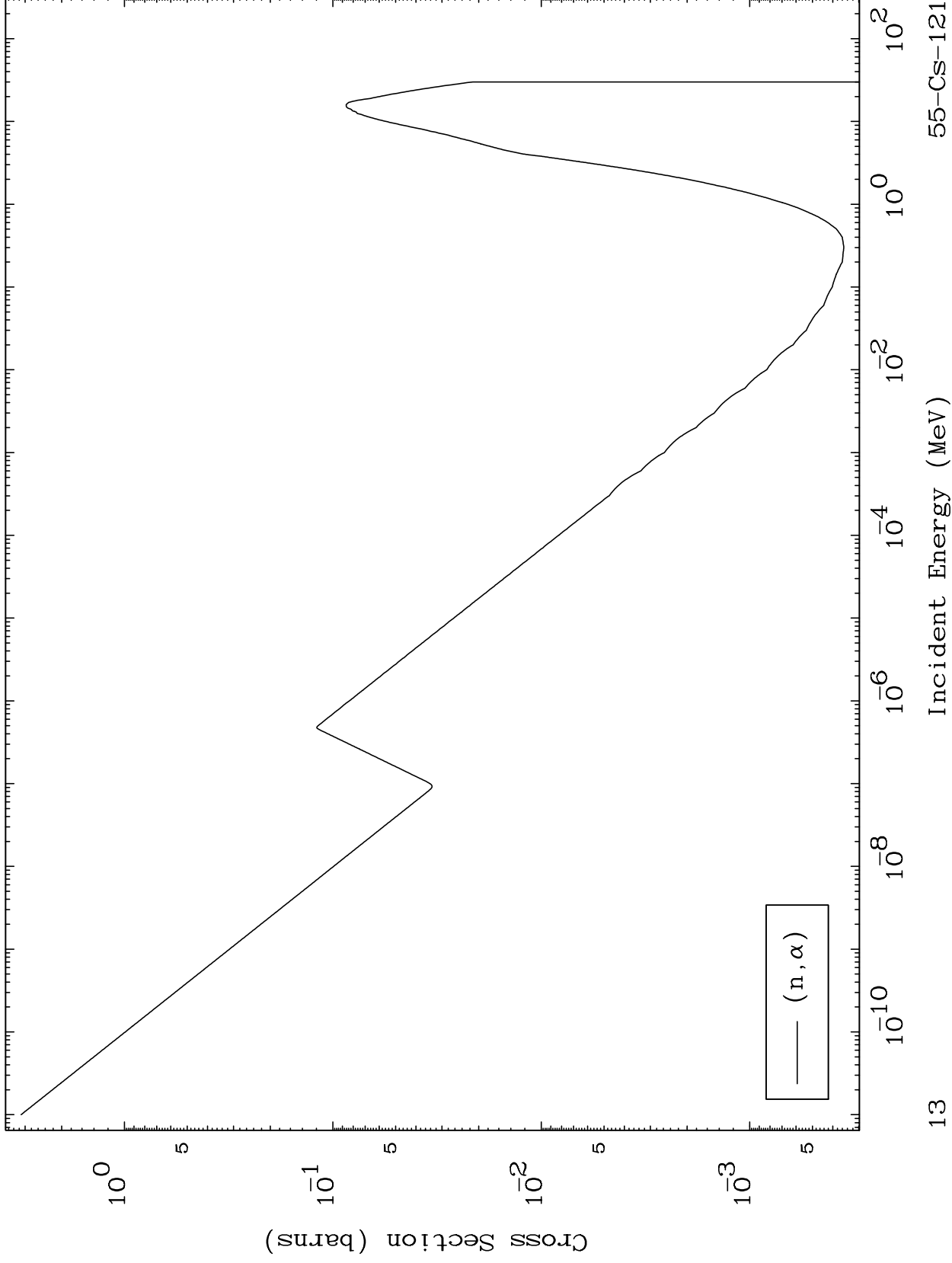
Incident Energy (MeV)

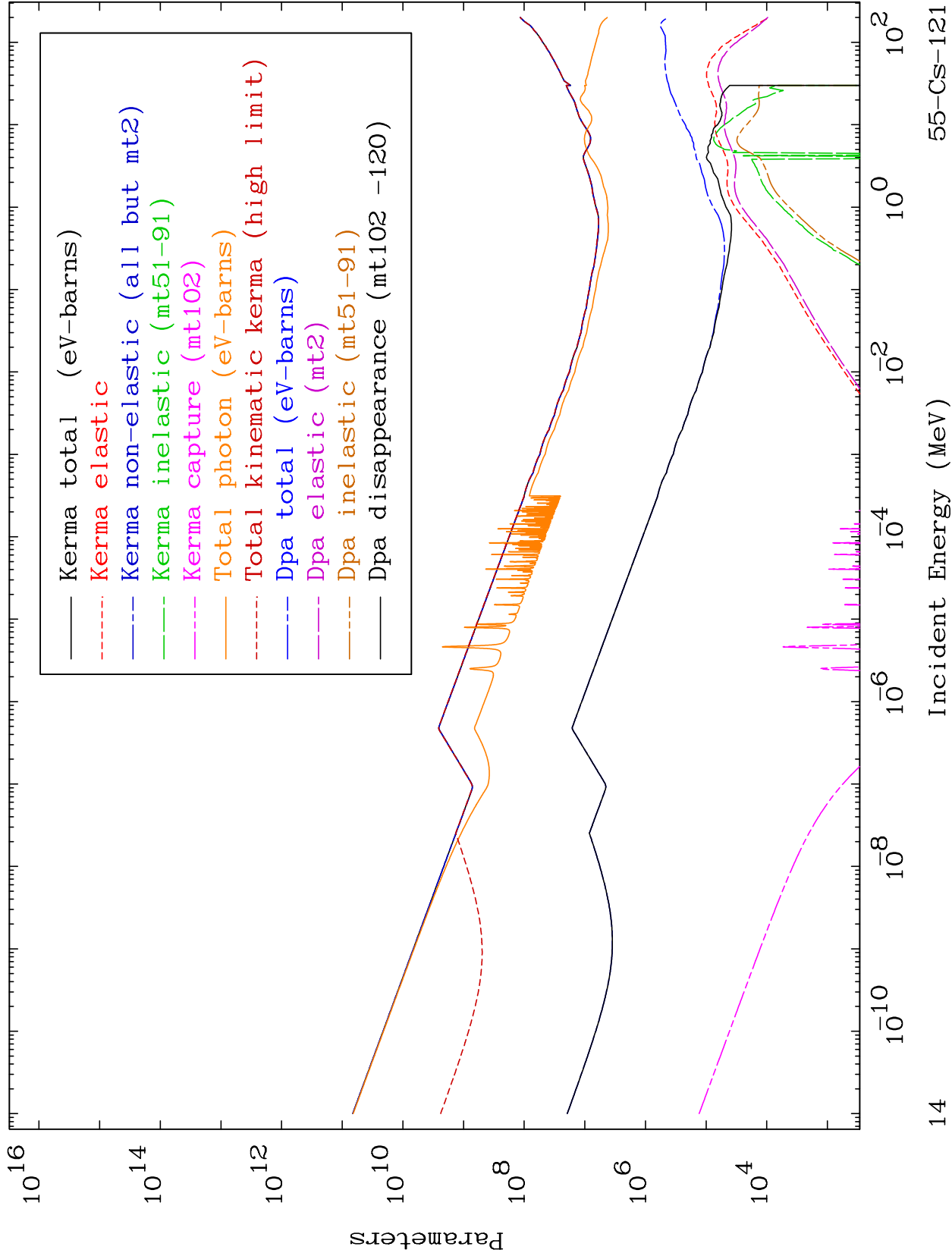
55-Cs-121

MAT 5489

(n, α) Levels
293 Kelvin Cross Sections

55-Cs-121

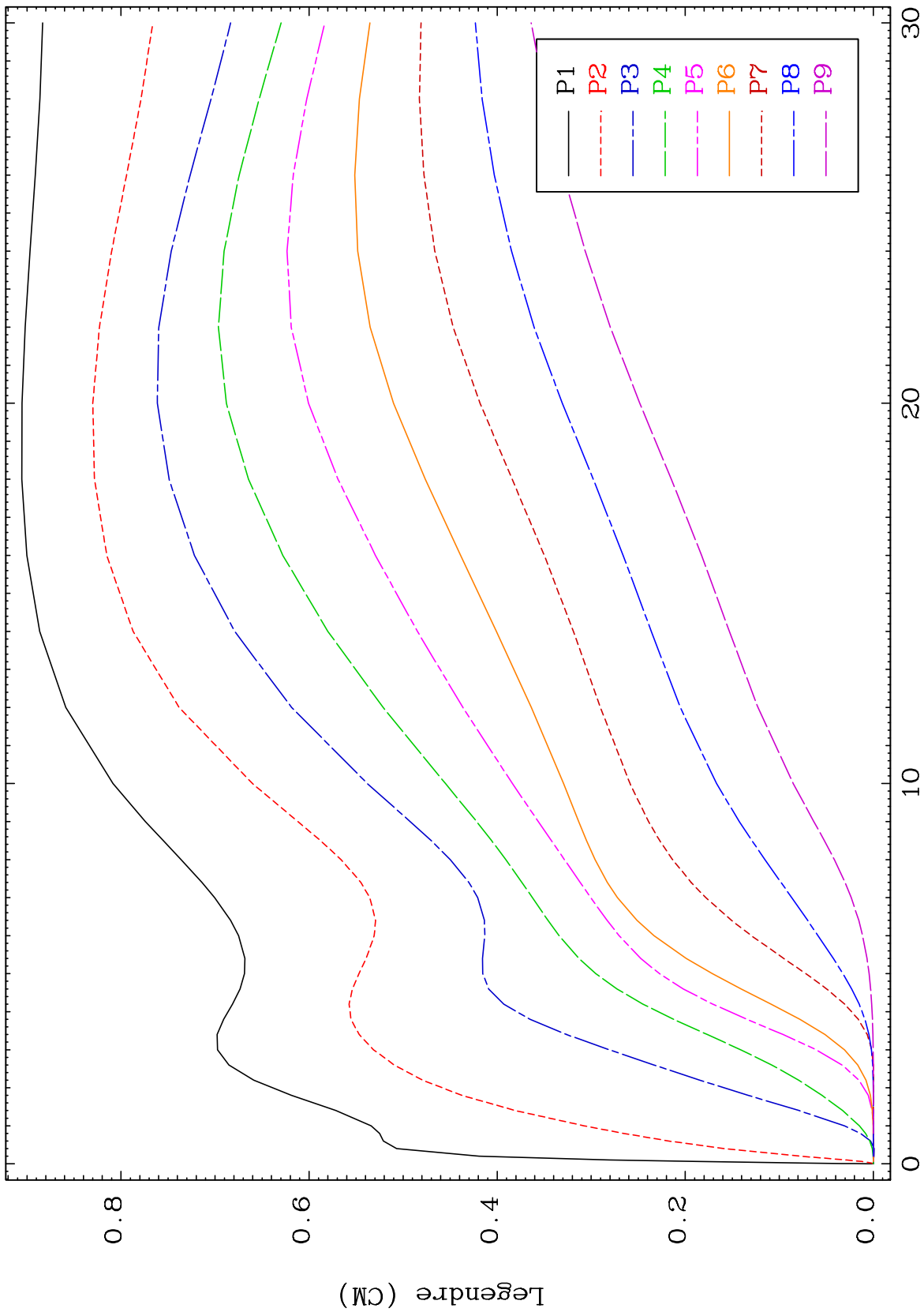




MAT 5489

Elastic Legendre Coefficients

55-Cs-121



15

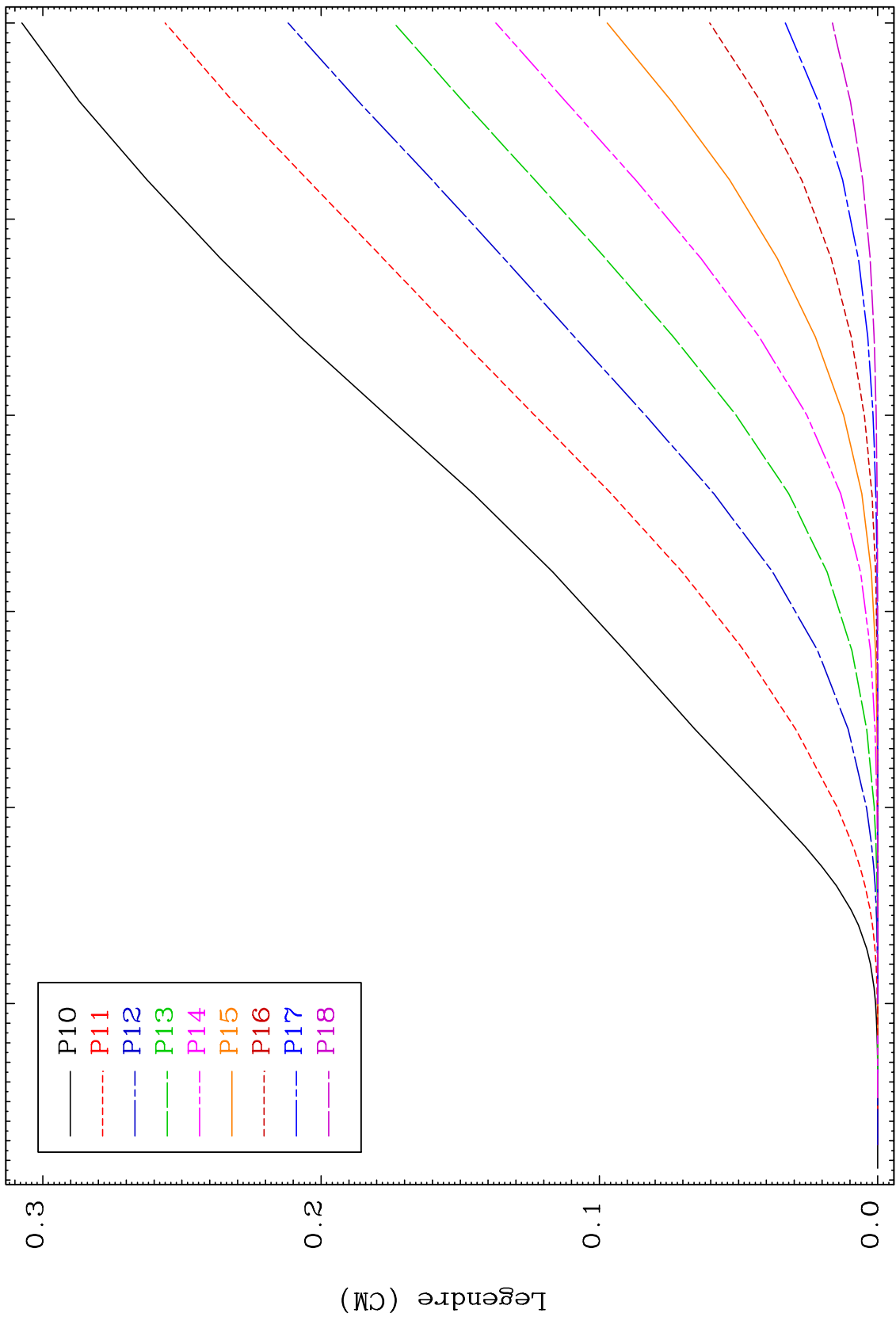
Incident Energy (MeV)

55-Cs-121

MAT 5489

Elastic Legendre Coefficients

55-Cs-121



16

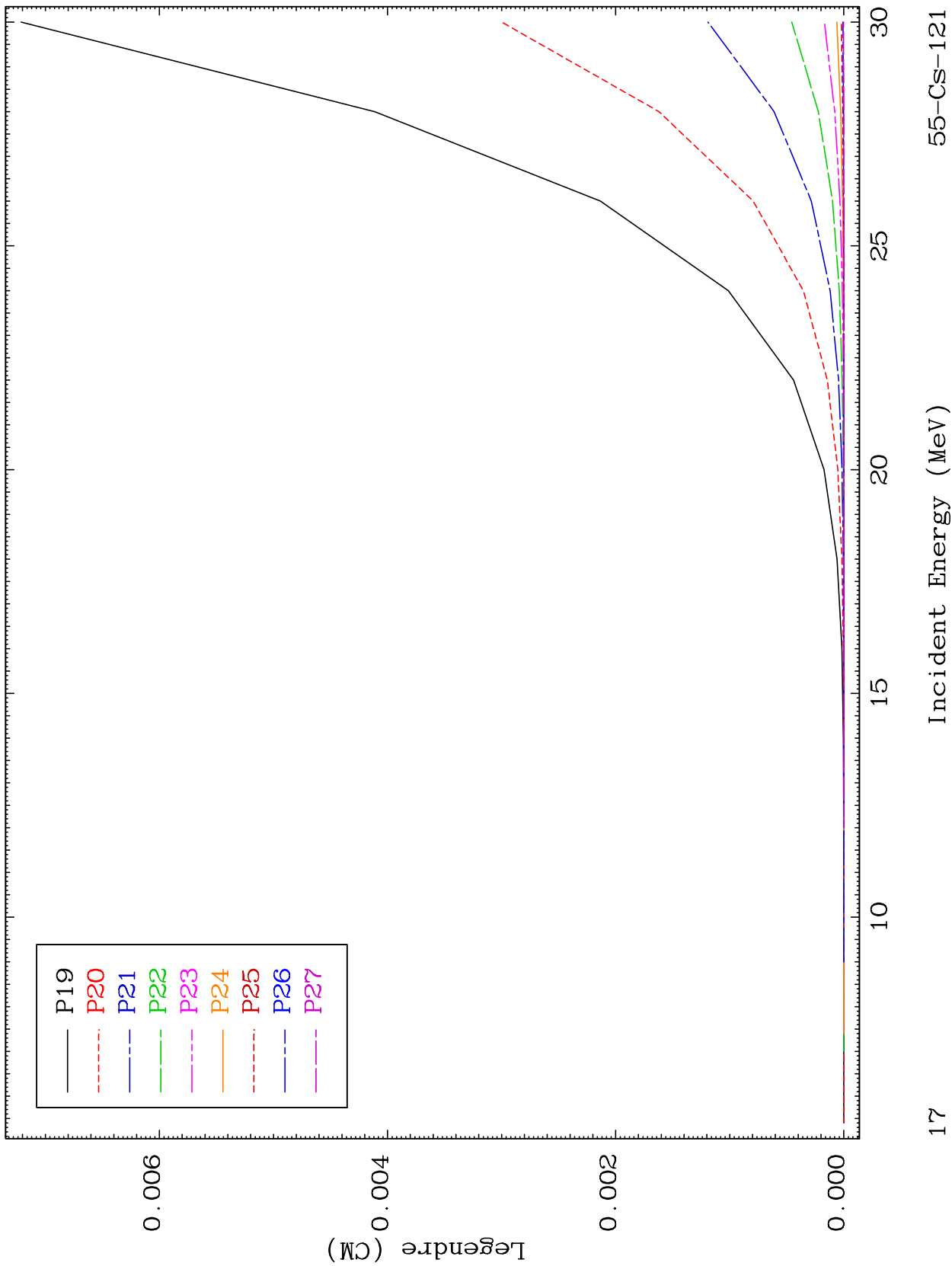
Incident Energy (MeV)

55-Cs-121

MAT 5489

Elastic Legendre Coefficients

55-Cs-121



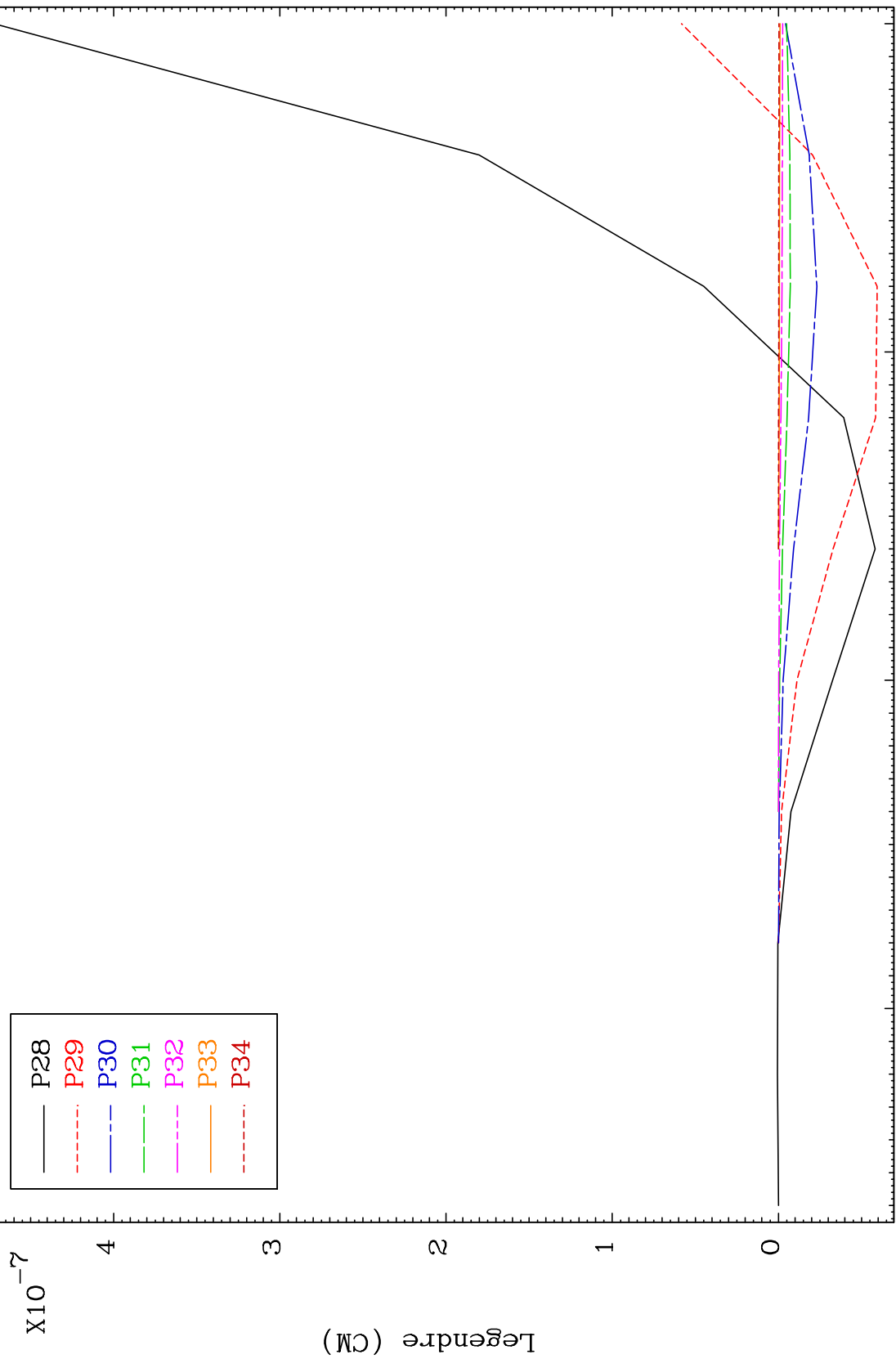
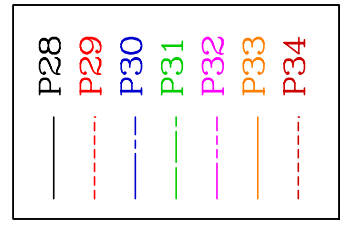
17

55-Cs-121

MAT 5489

Elastic Legendre Coefficients

55-Cs-121



18

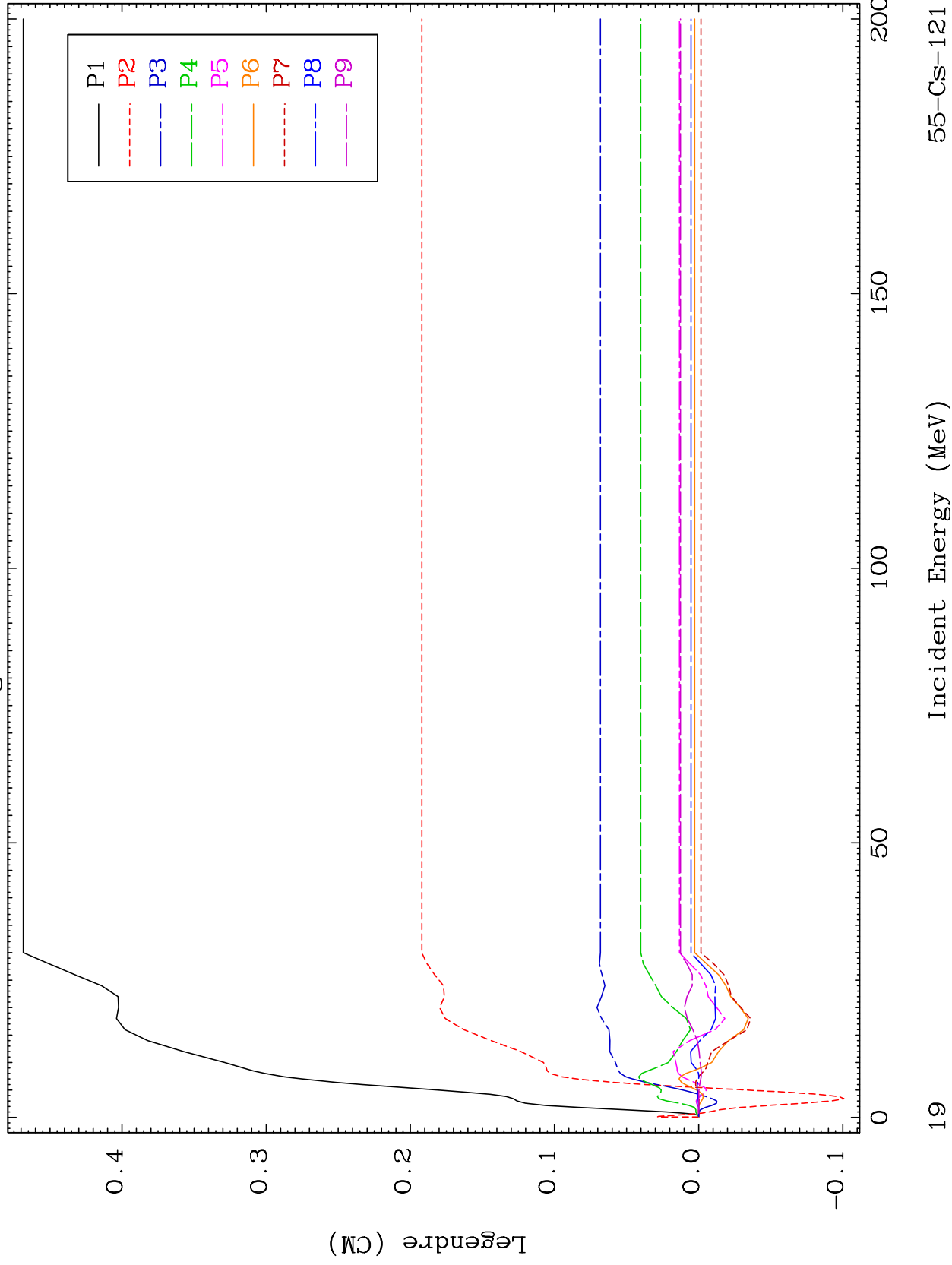
Incident Energy (MeV)

55-Cs-121

MAT 5489

68.50 keV (n,n') Level
Legendre Coefficients

55-Cs-121



55-Cs-121

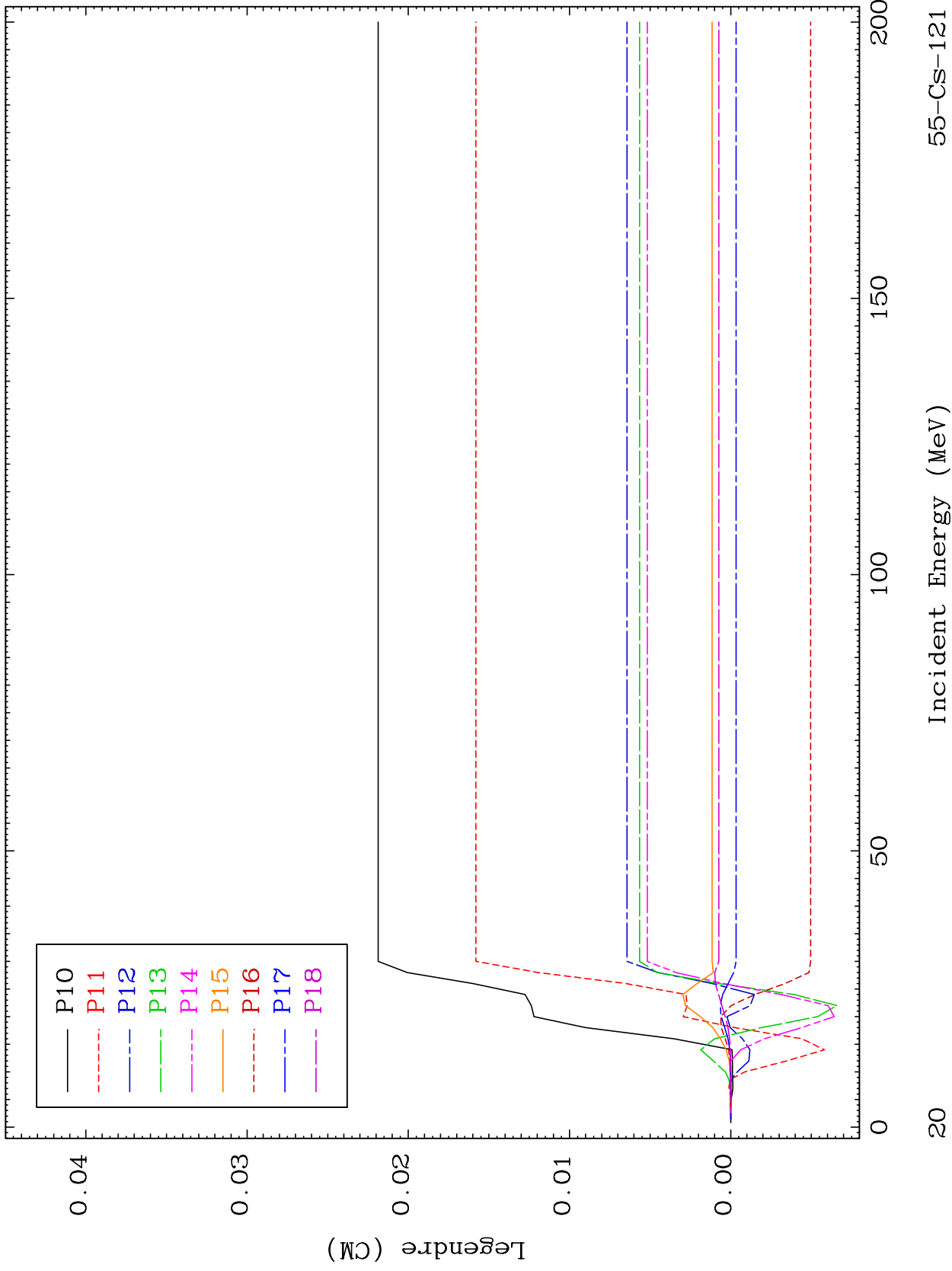
Incident Energy (MeV)

19

MAT 5489

68.50 keV (n,n') Level
Legendre Coefficients

55-Cs-121



55-Cs-121

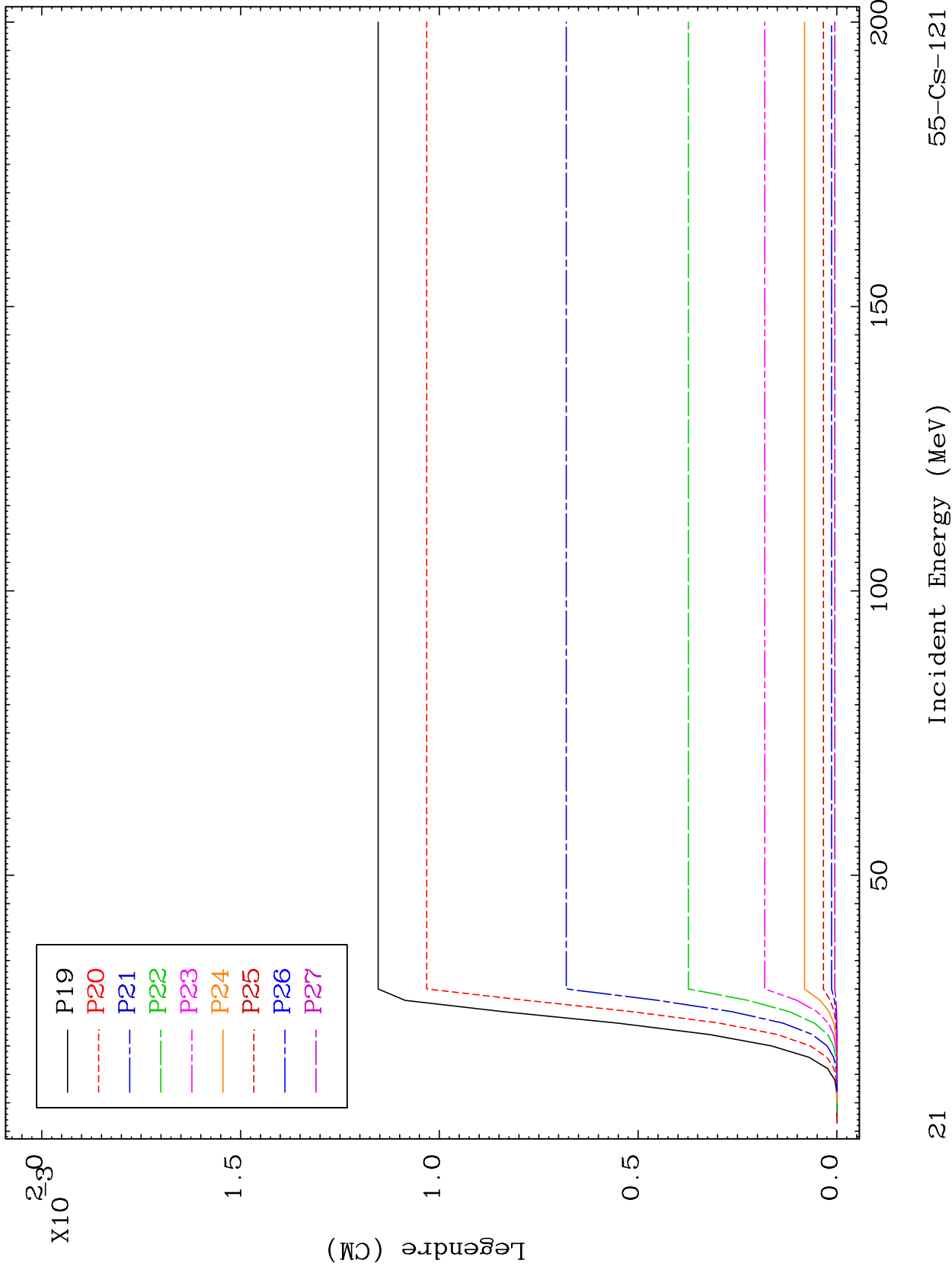
Incident Energy (MeV)

20

MAT 5489

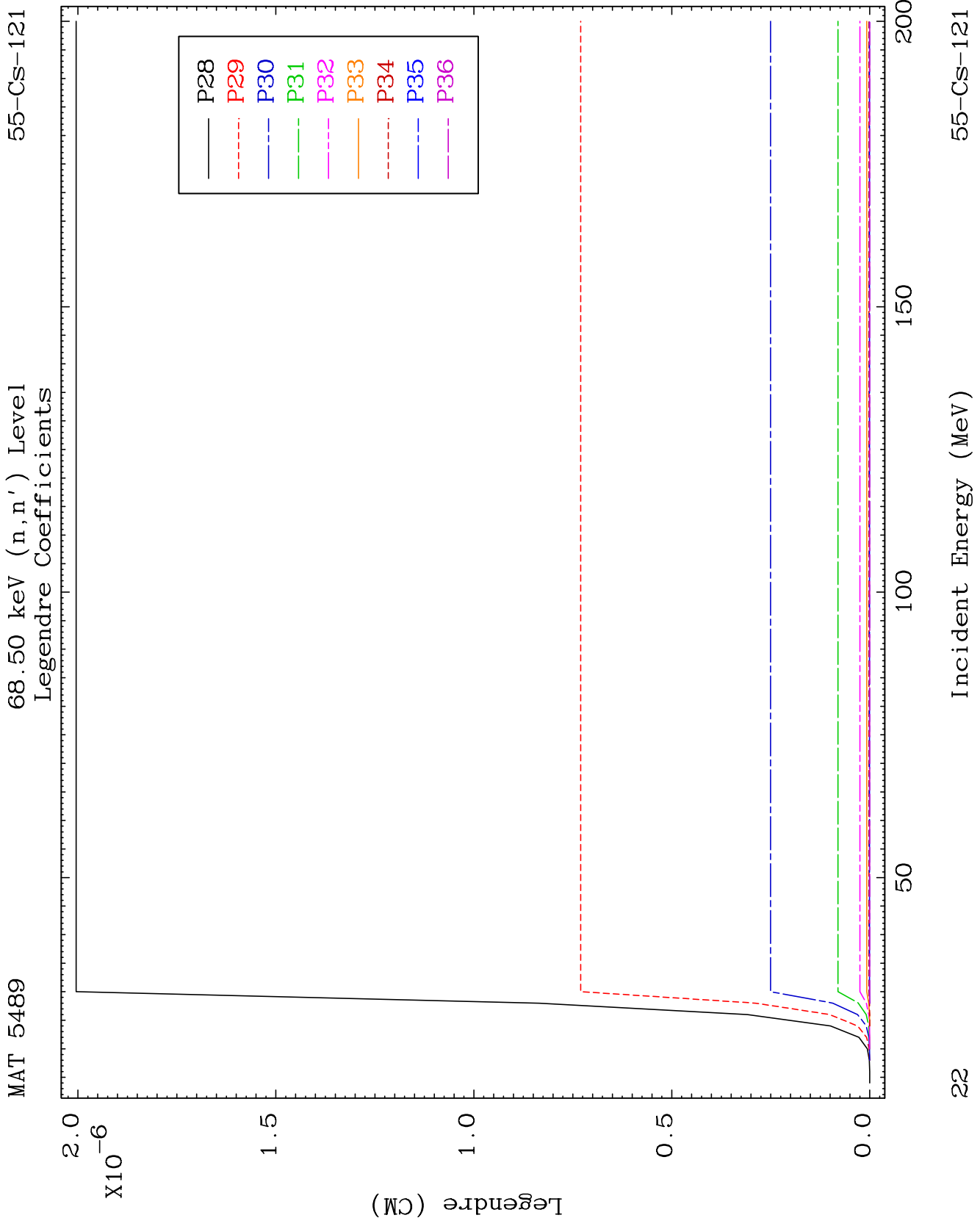
68.50 keV (n,n') Level
Legendre Coefficients

55-Cs-121



21

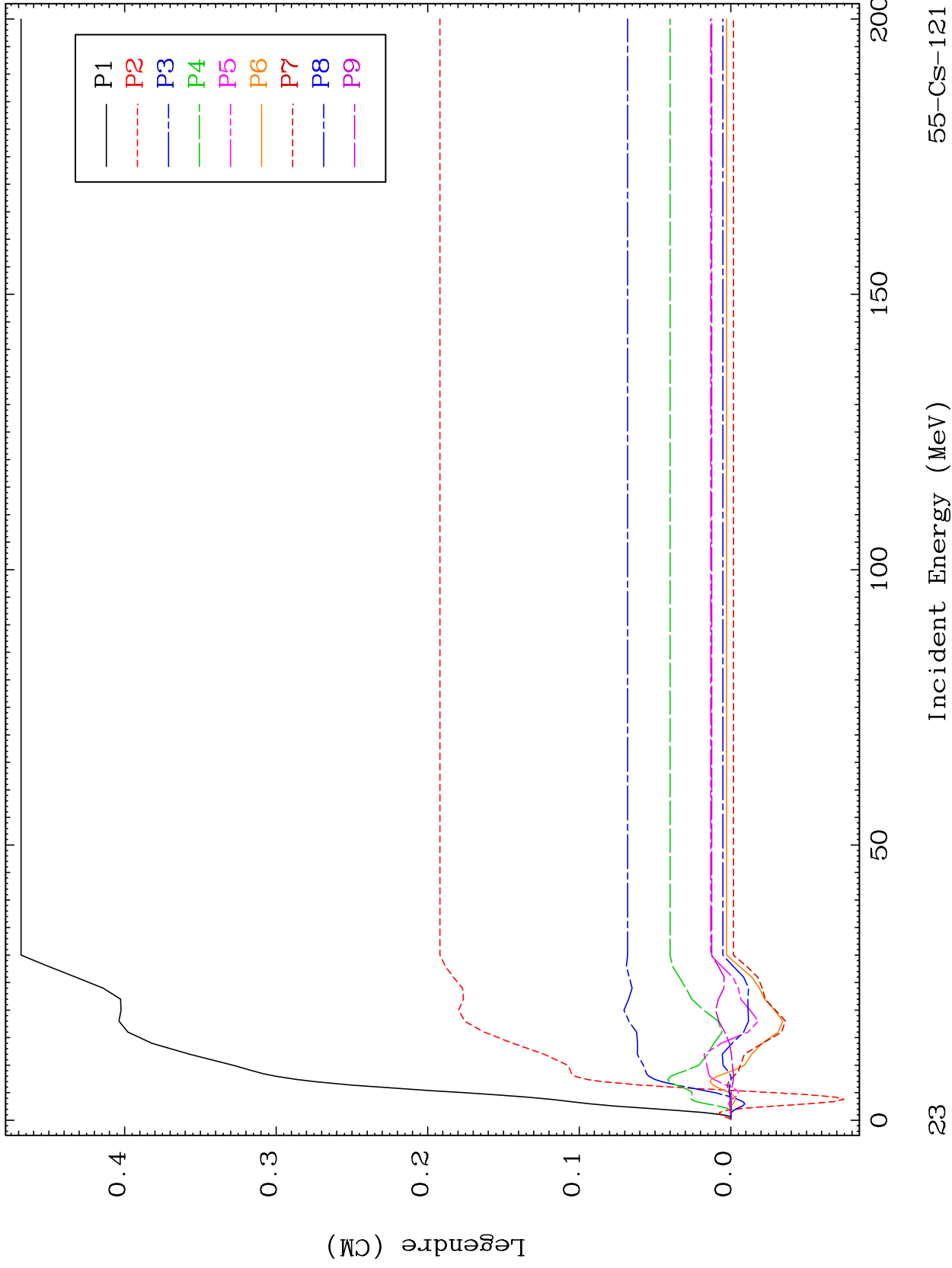
55-Cs-121



MAT 5489

98.20 keV (n,n') Level
Legendre Coefficients

55-Cs-121



55-Cs-121

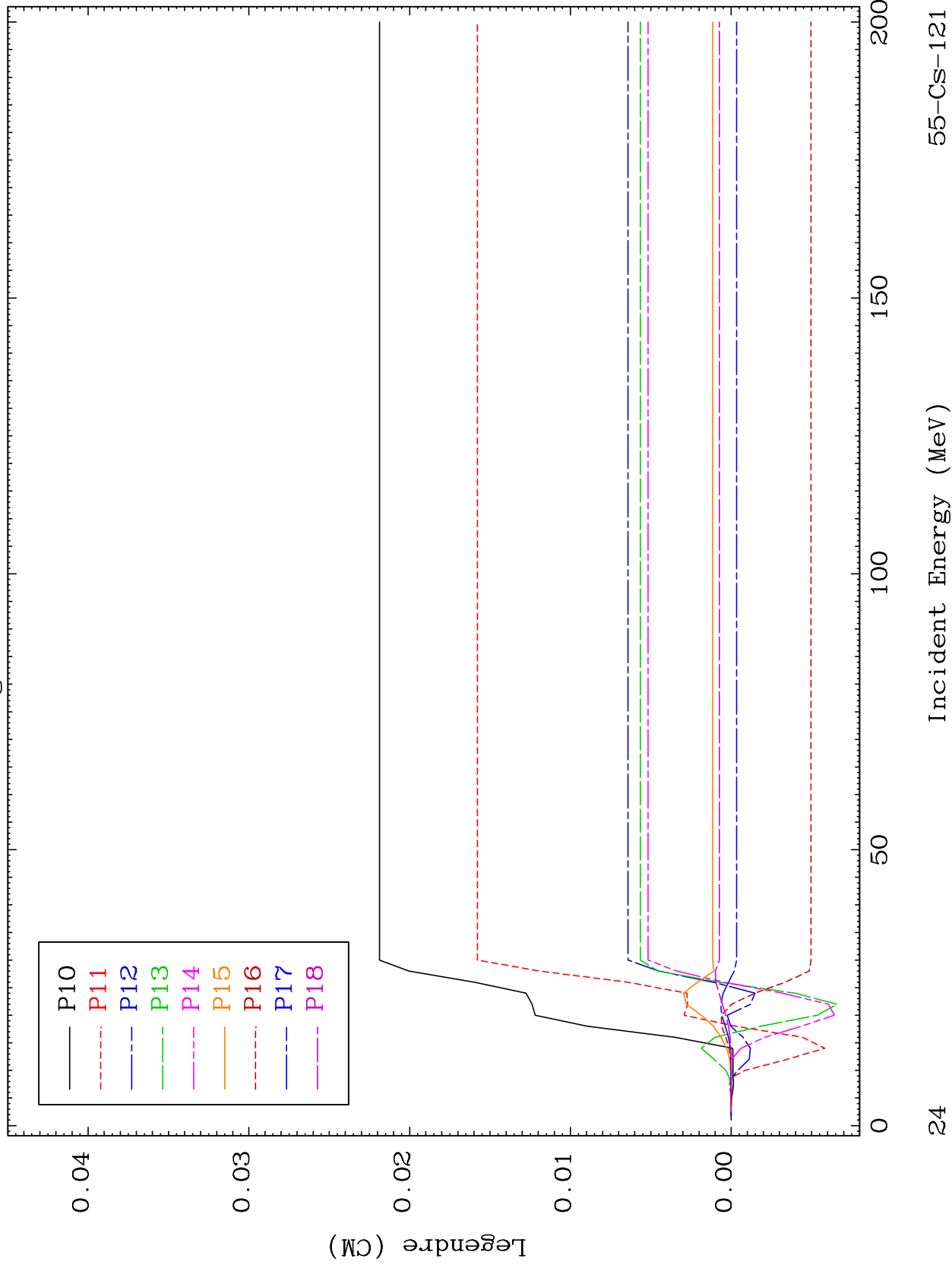
Incident Energy (MeV)

23

MAT 5489

98.20 keV (n,n') Level
Legendre Coefficients

55-Cs-121



24

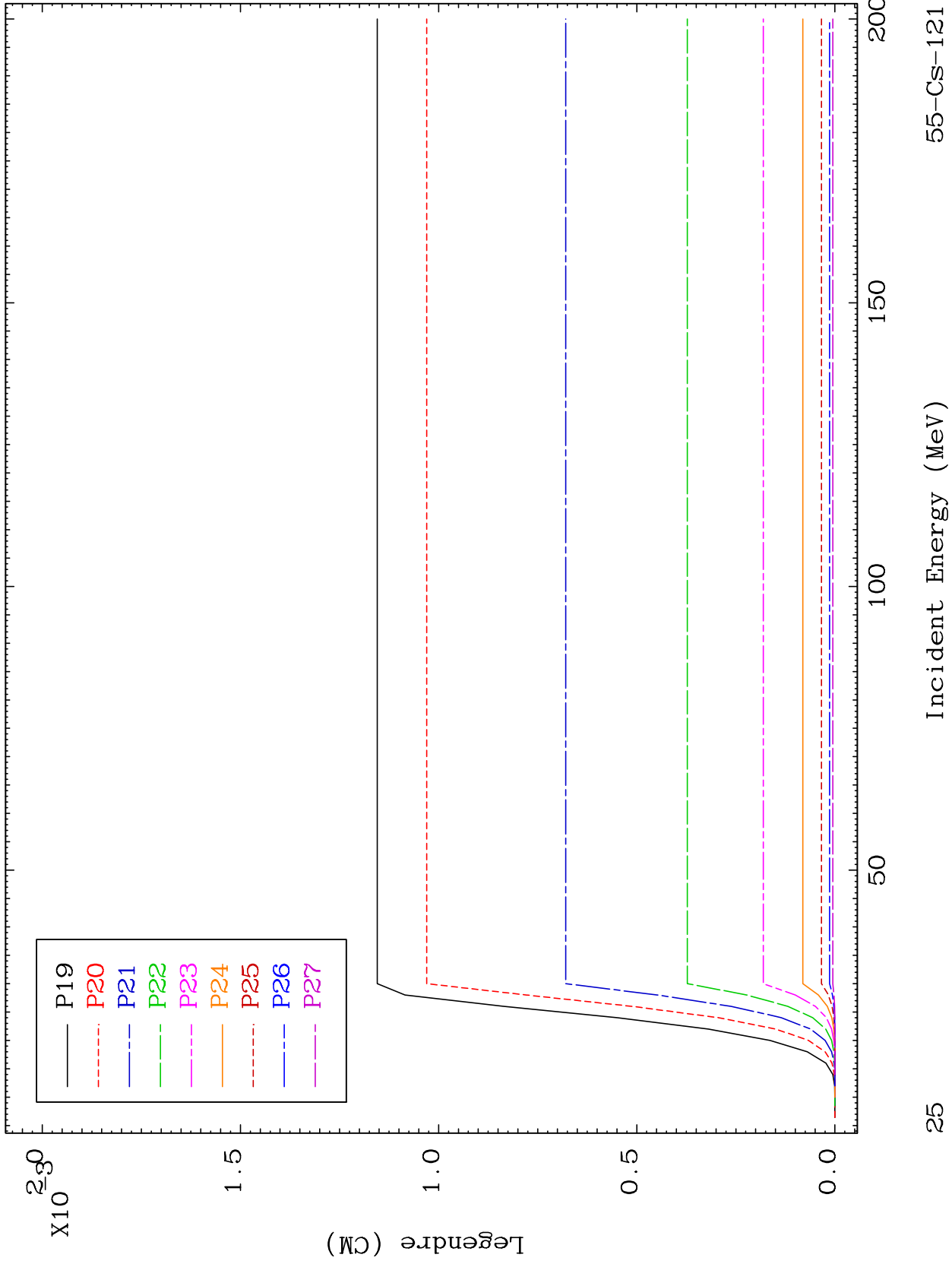
Incident Energy (MeV)

55-Cs-121

MAT 5489

98.20 keV (n,n') Level
Legendre Coefficients

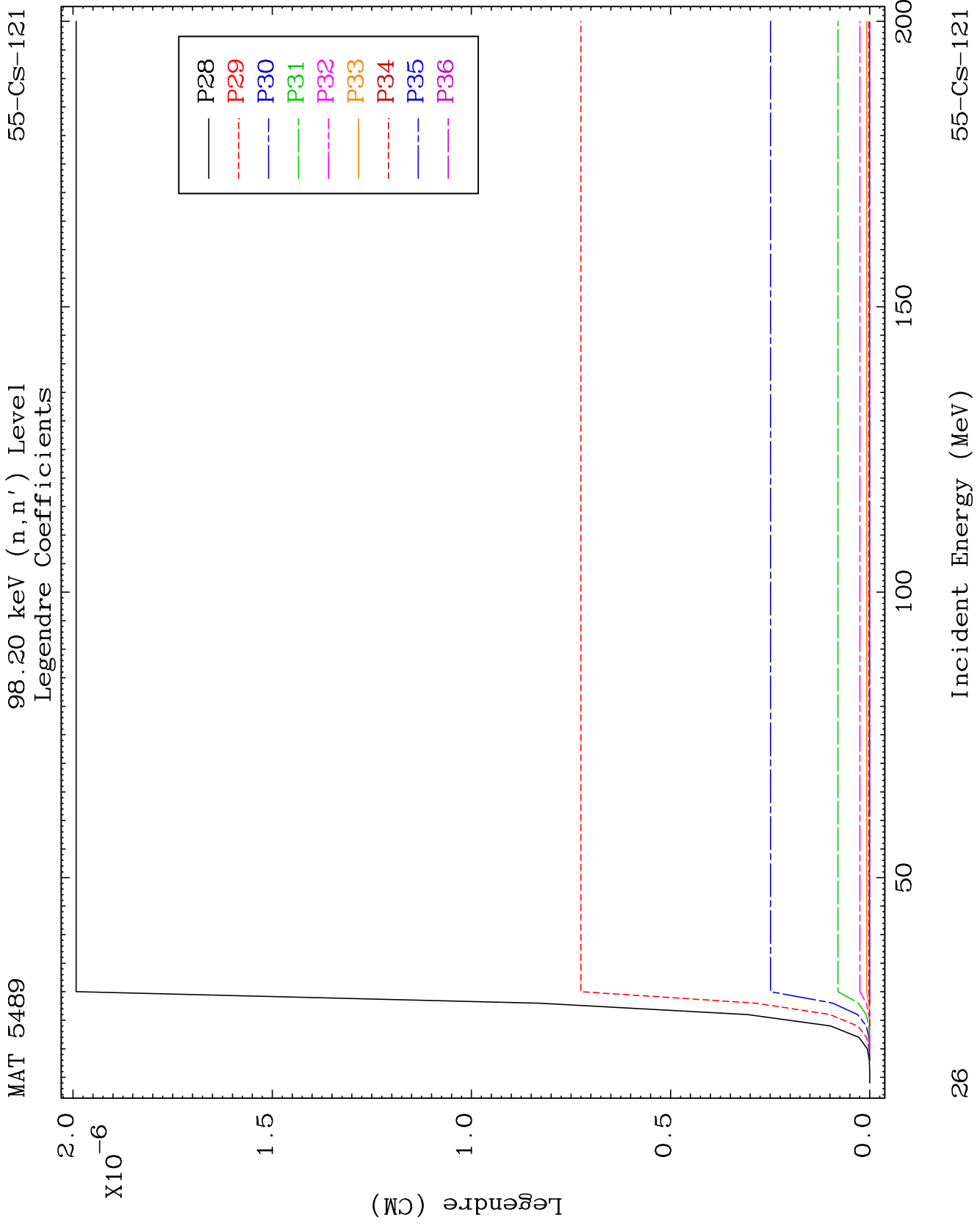
55-Cs-121



55-Cs-121

Incident Energy (MeV)

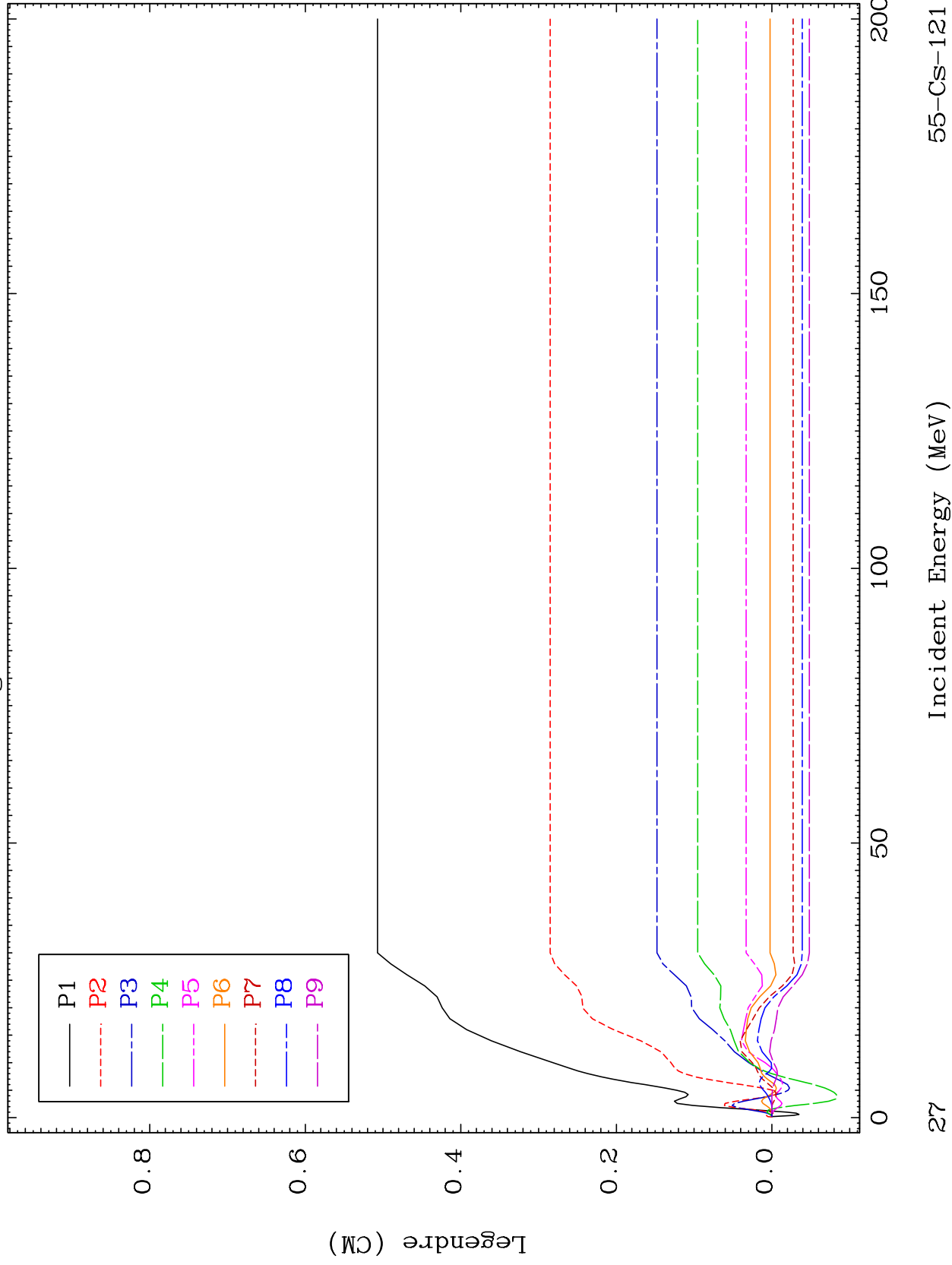
25



MAT 5489

99.20 keV (n,n') Level
Legendre Coefficients

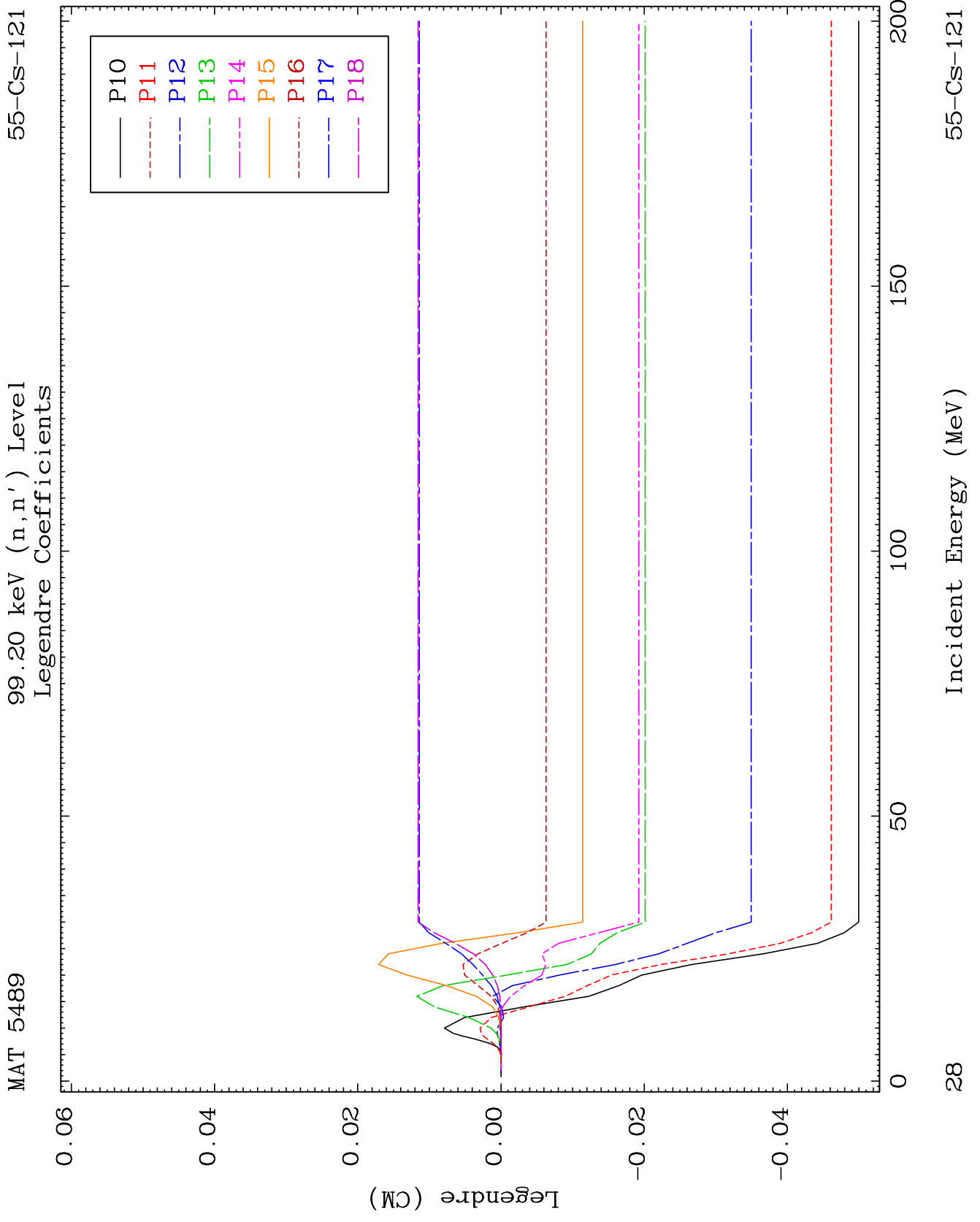
55-Cs-121

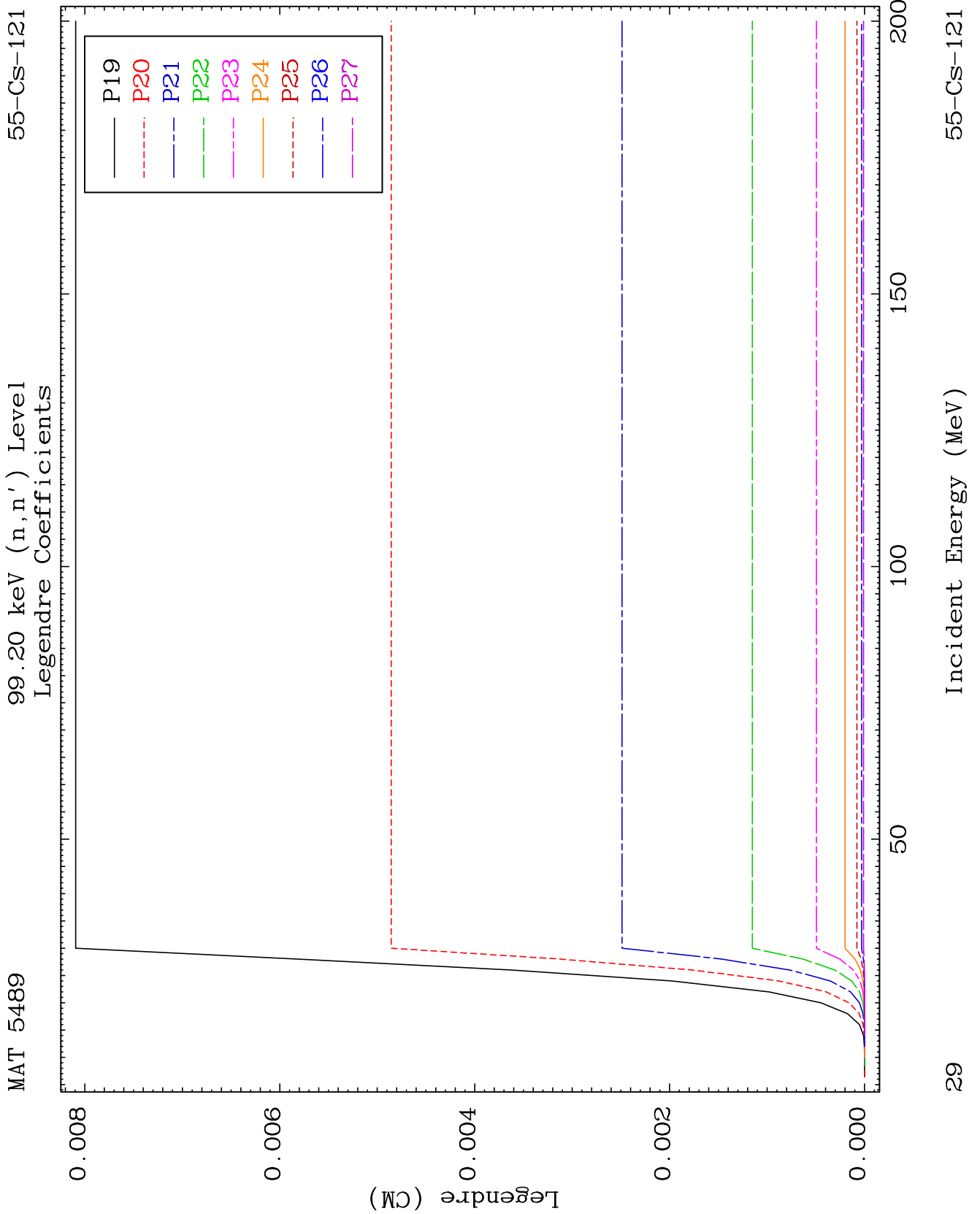


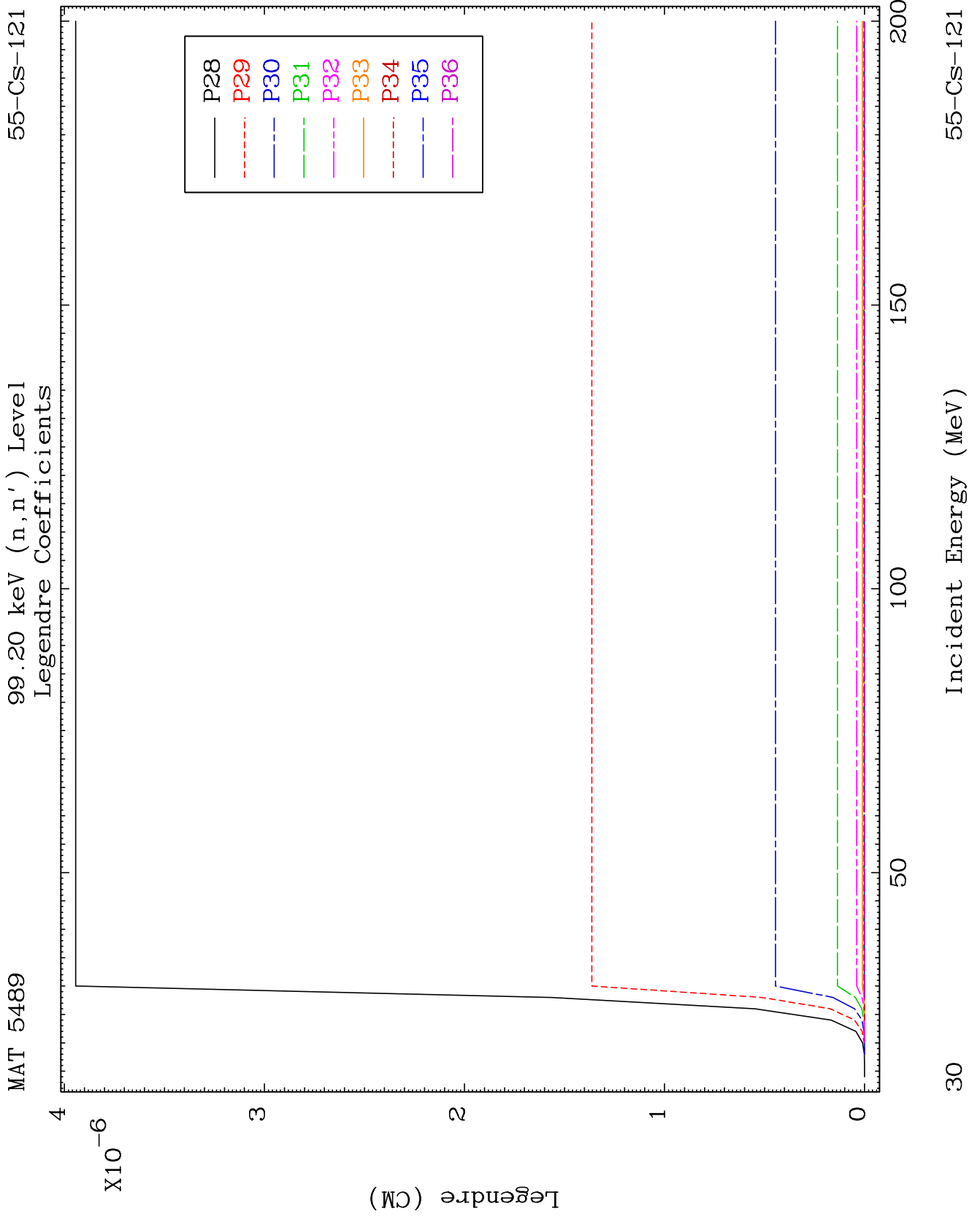
27

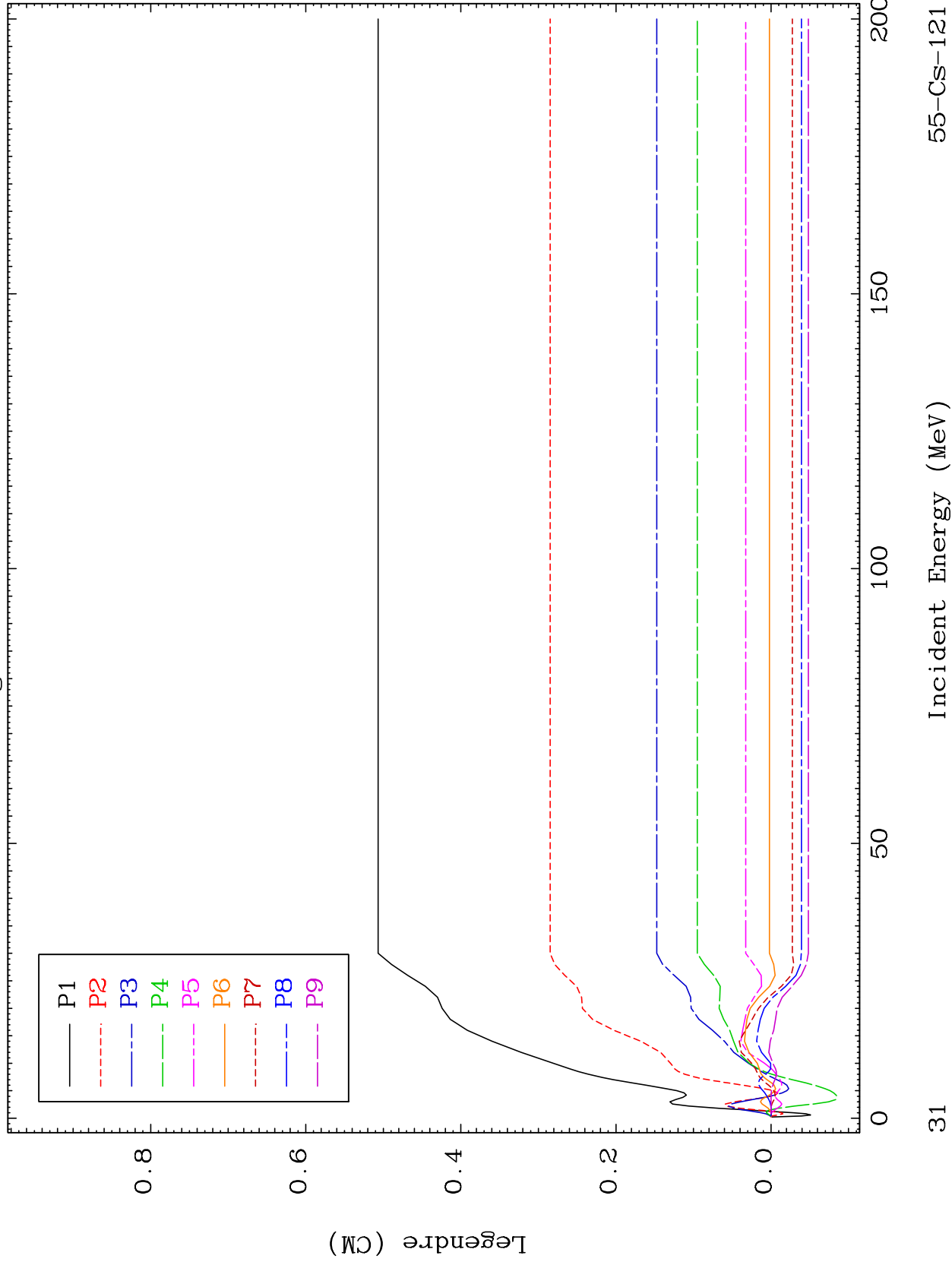
Incident Energy (MeV)

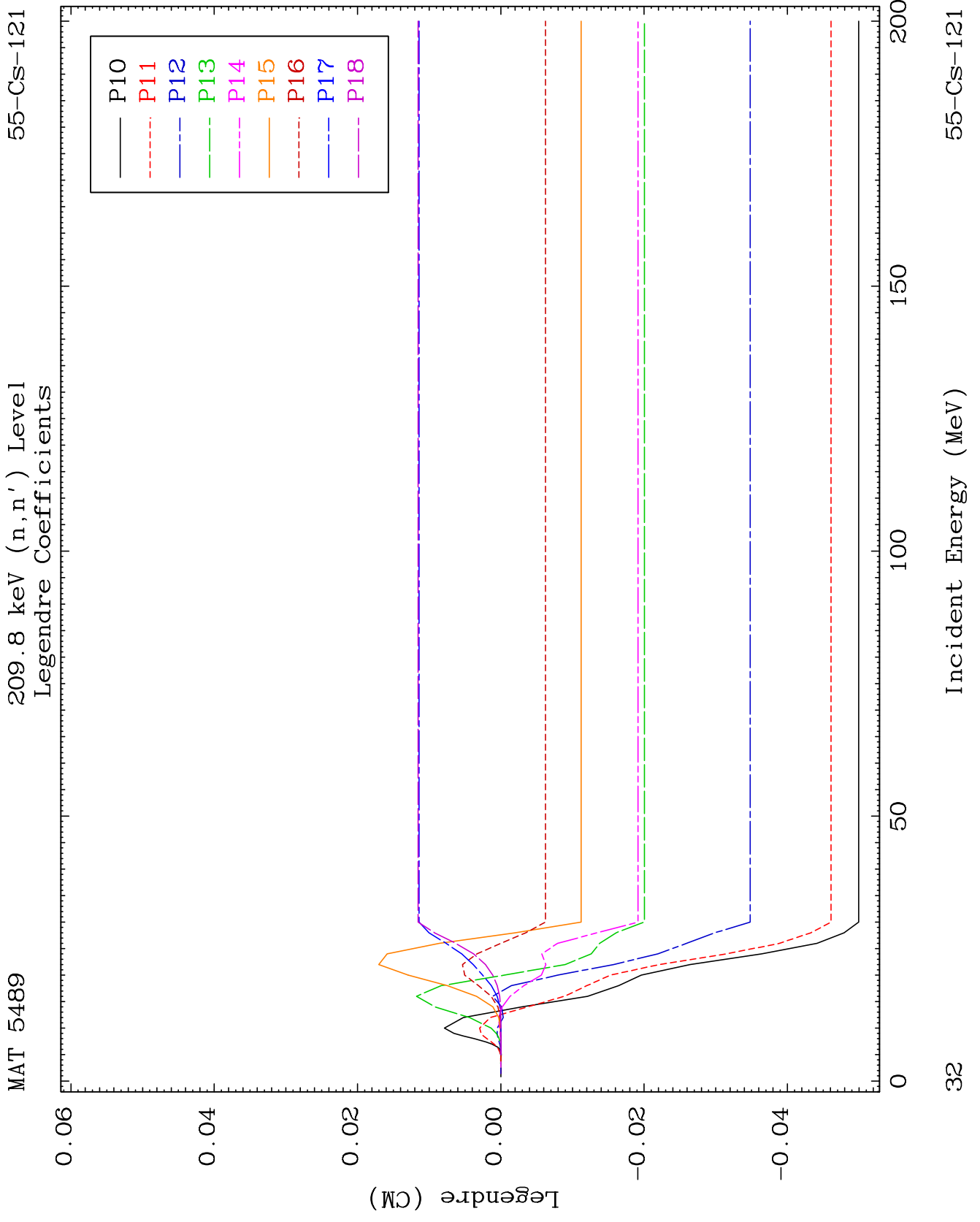
55-Cs-121







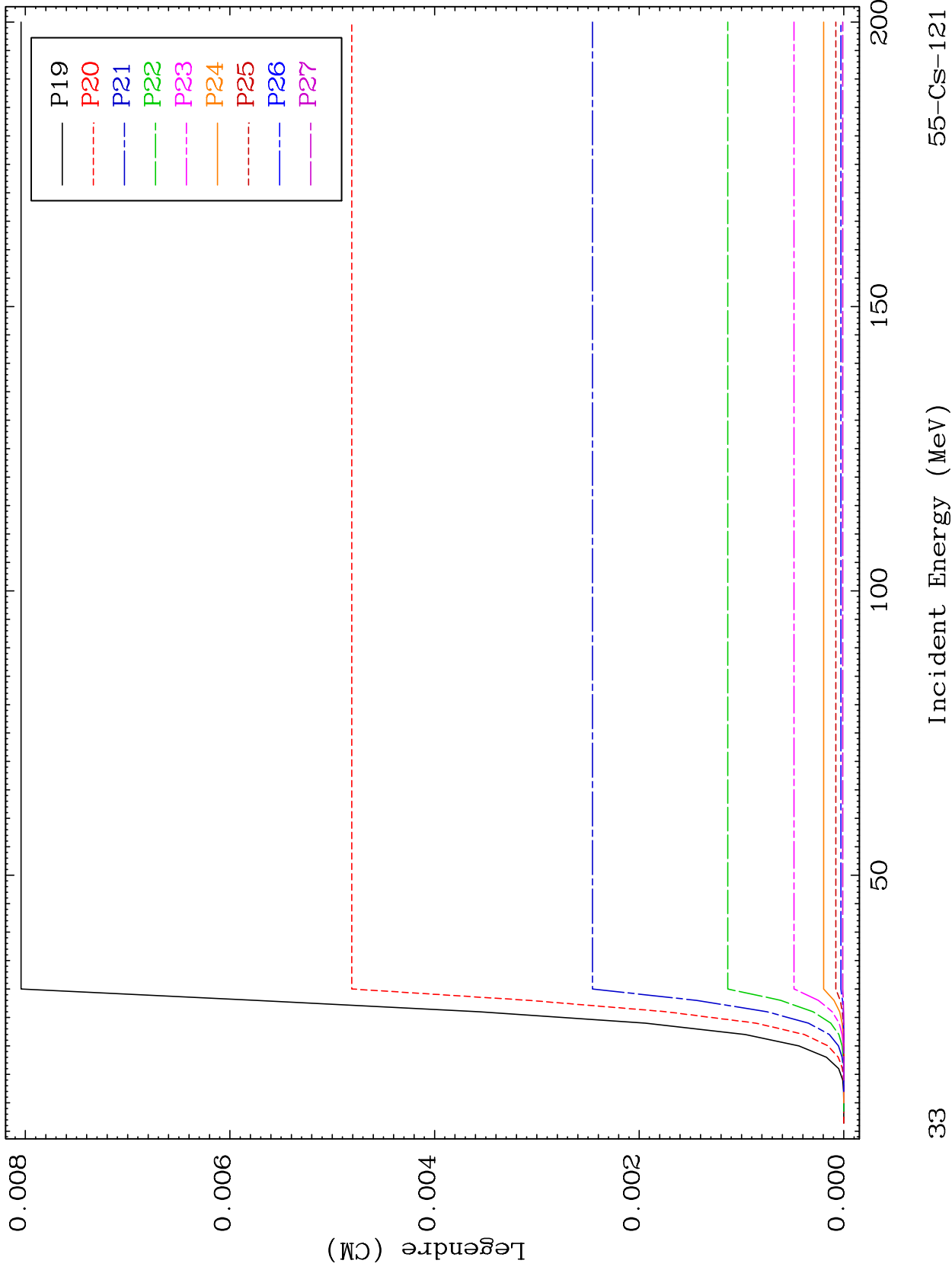




MAT 5489

209.8 keV (n,n') Level
Legendre Coefficients

55-Cs-121



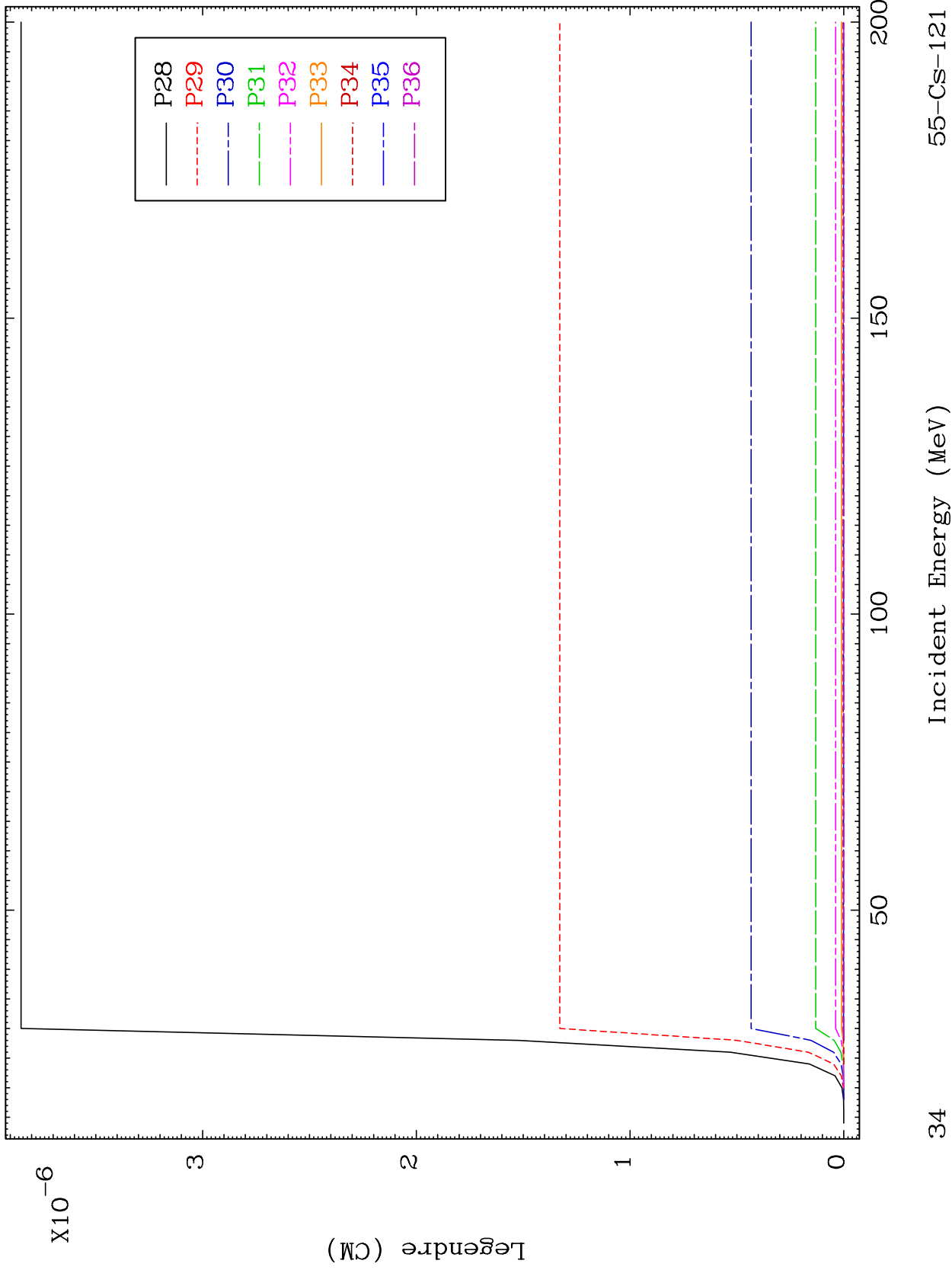
33

55-Cs-121

MAT 5489

209.8 keV (n,n') Level
Legendre Coefficients

55-Cs-121



34

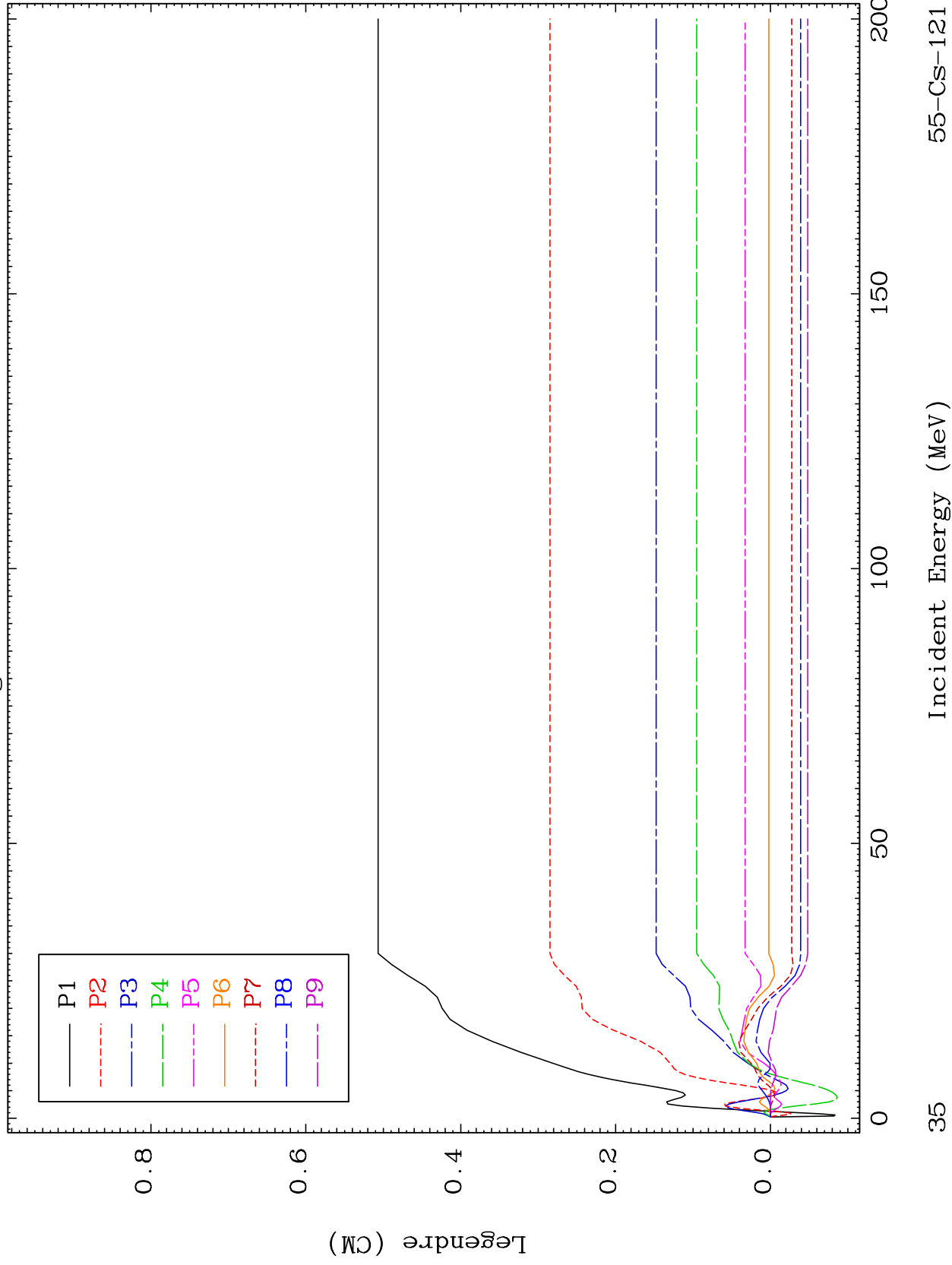
Incident Energy (MeV)

55-Cs-121

MAT 5489

210.8 keV (n,n') Level
Legendre Coefficients

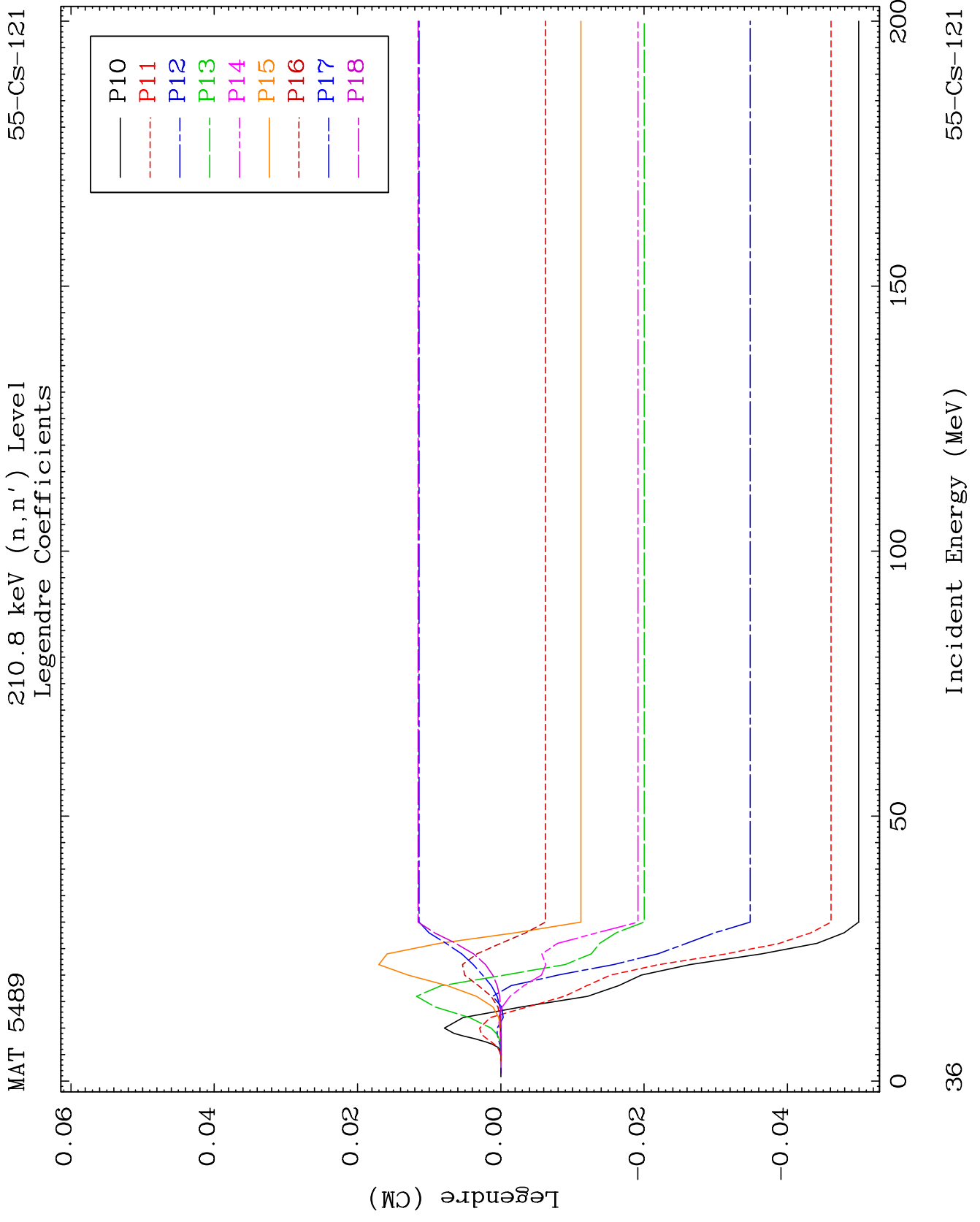
55-Cs-121

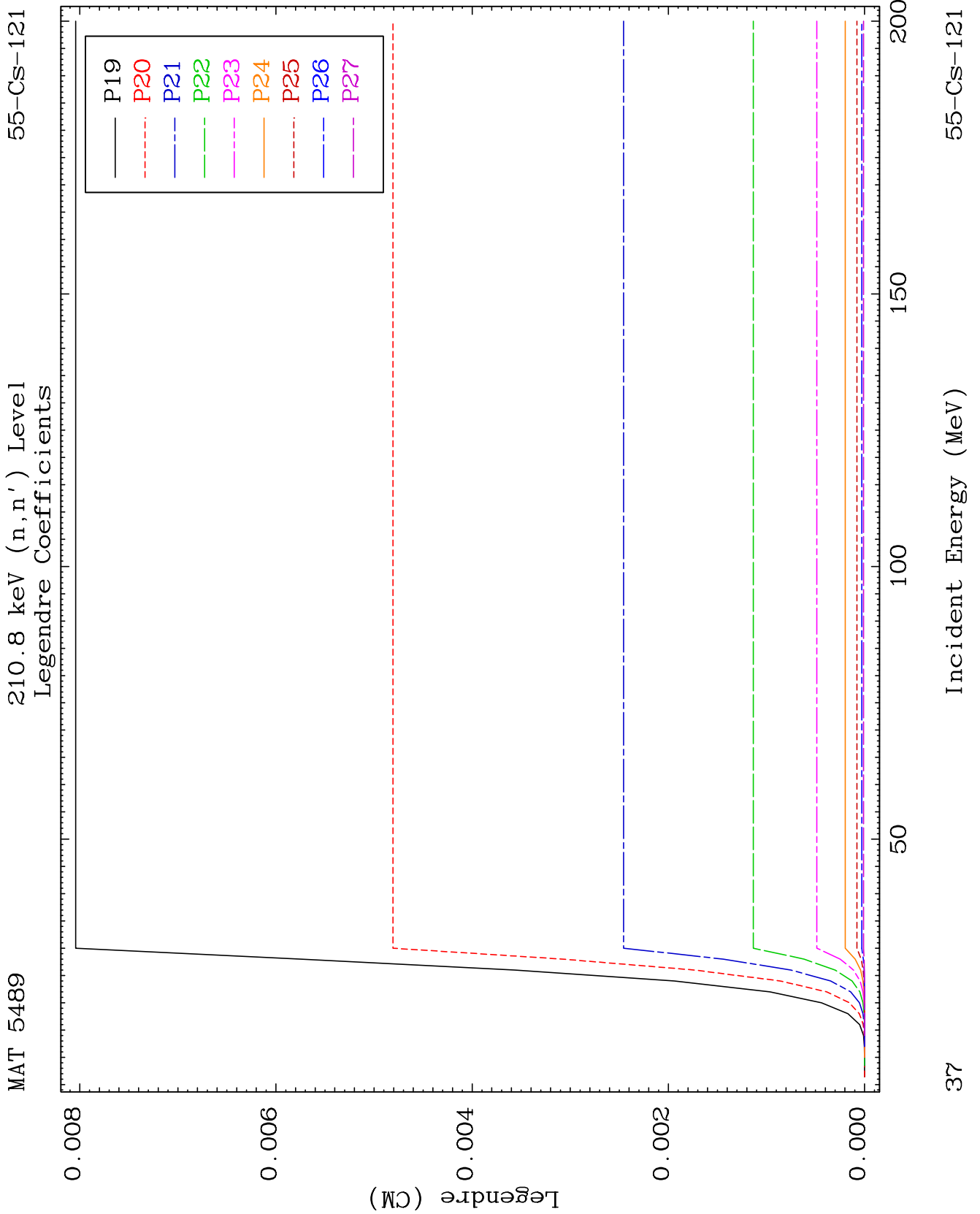


55-Cs-121

Incident Energy (MeV)

35

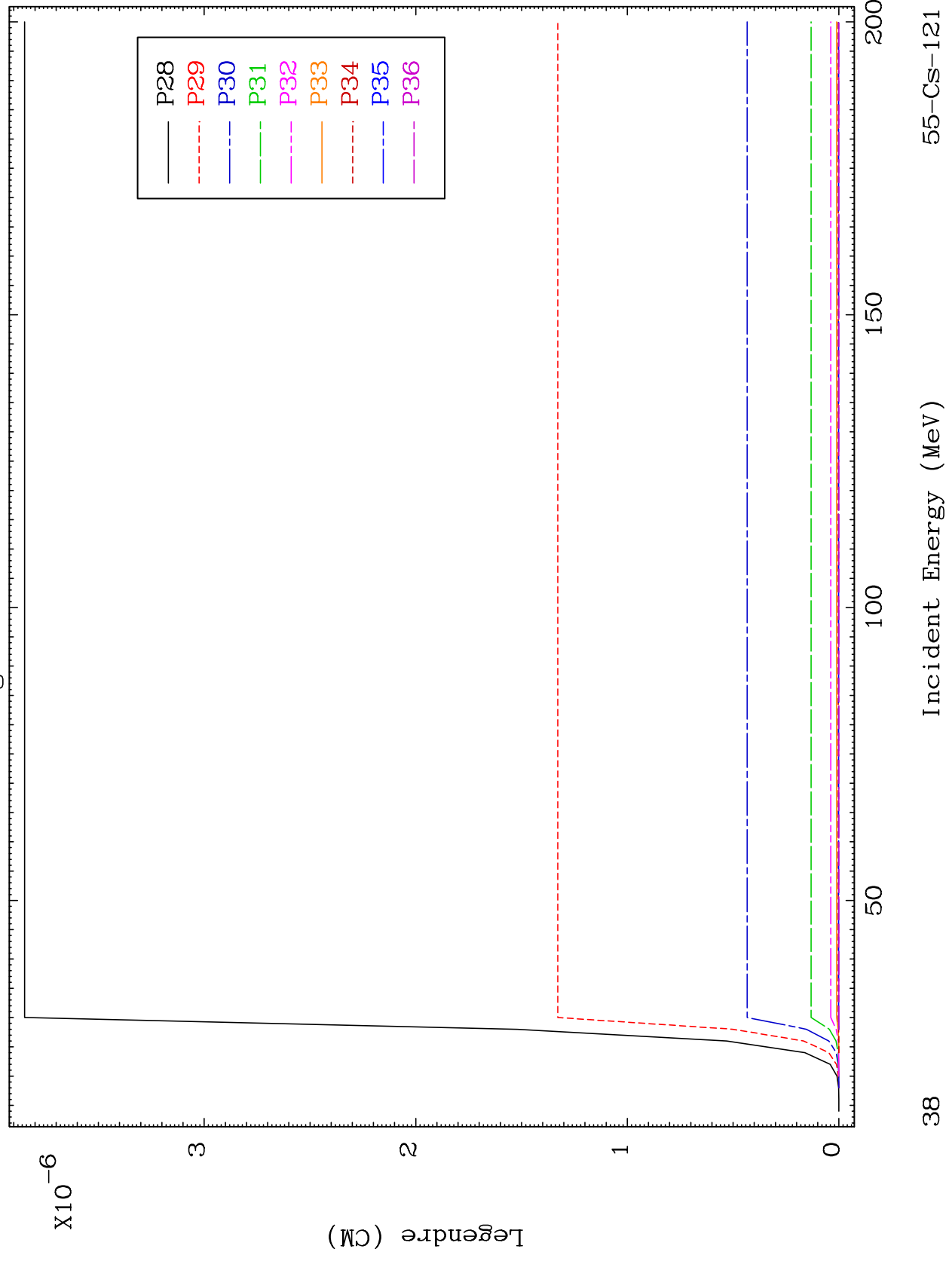




MAT 5489

210.8 keV (n, n') Level
Legendre Coefficients

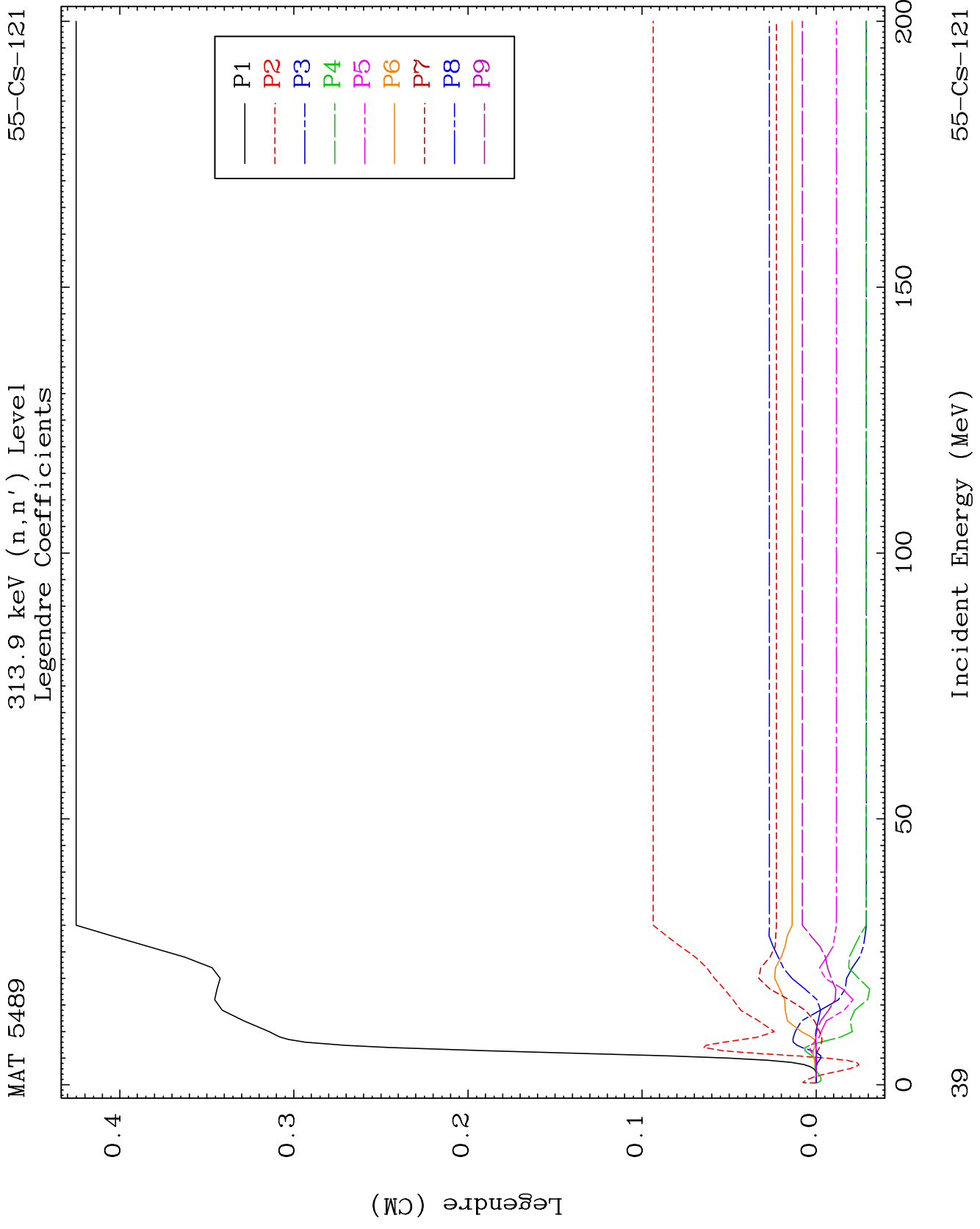
55-Cs-121

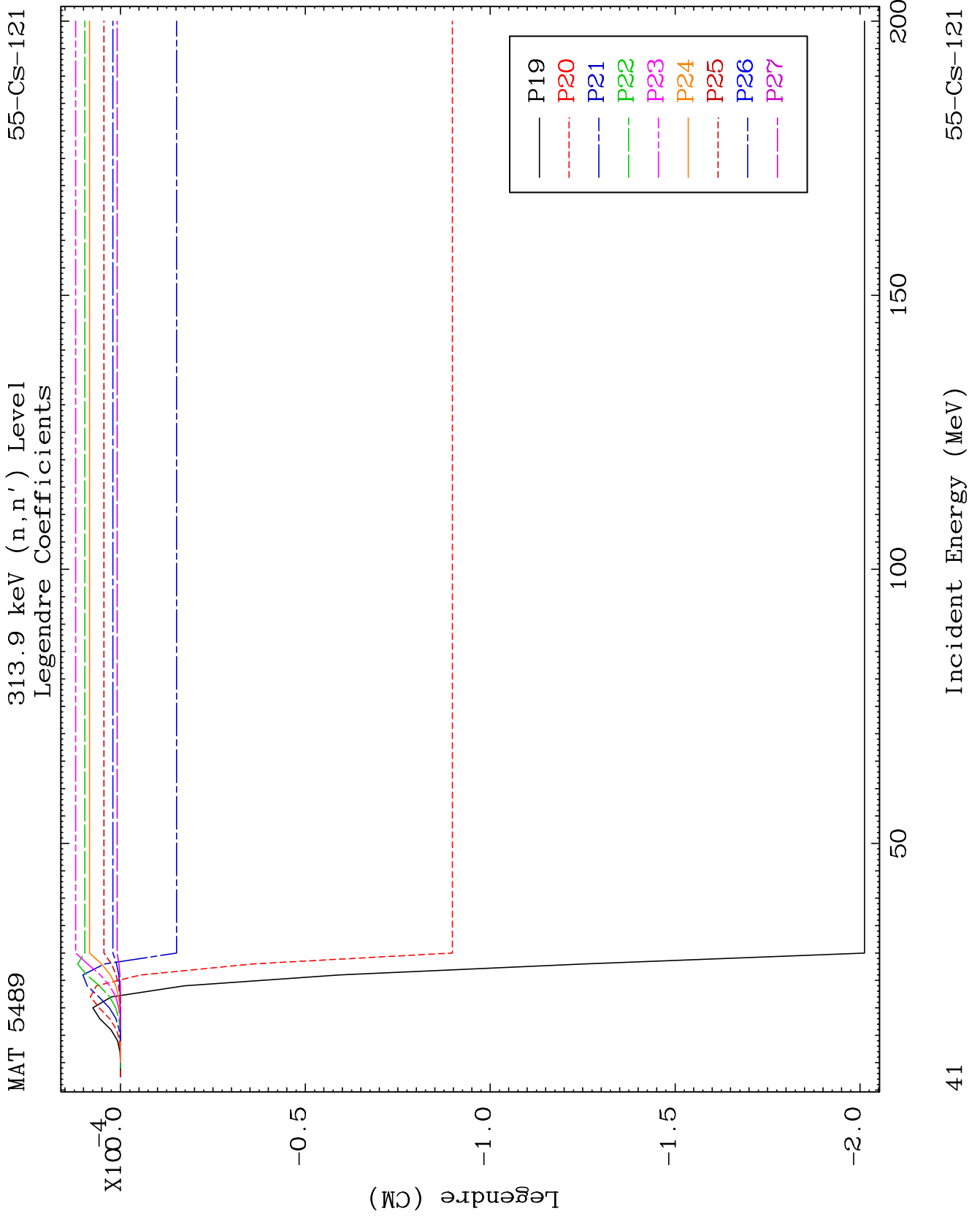


38

Incident Energy (MeV)

55-Cs-121

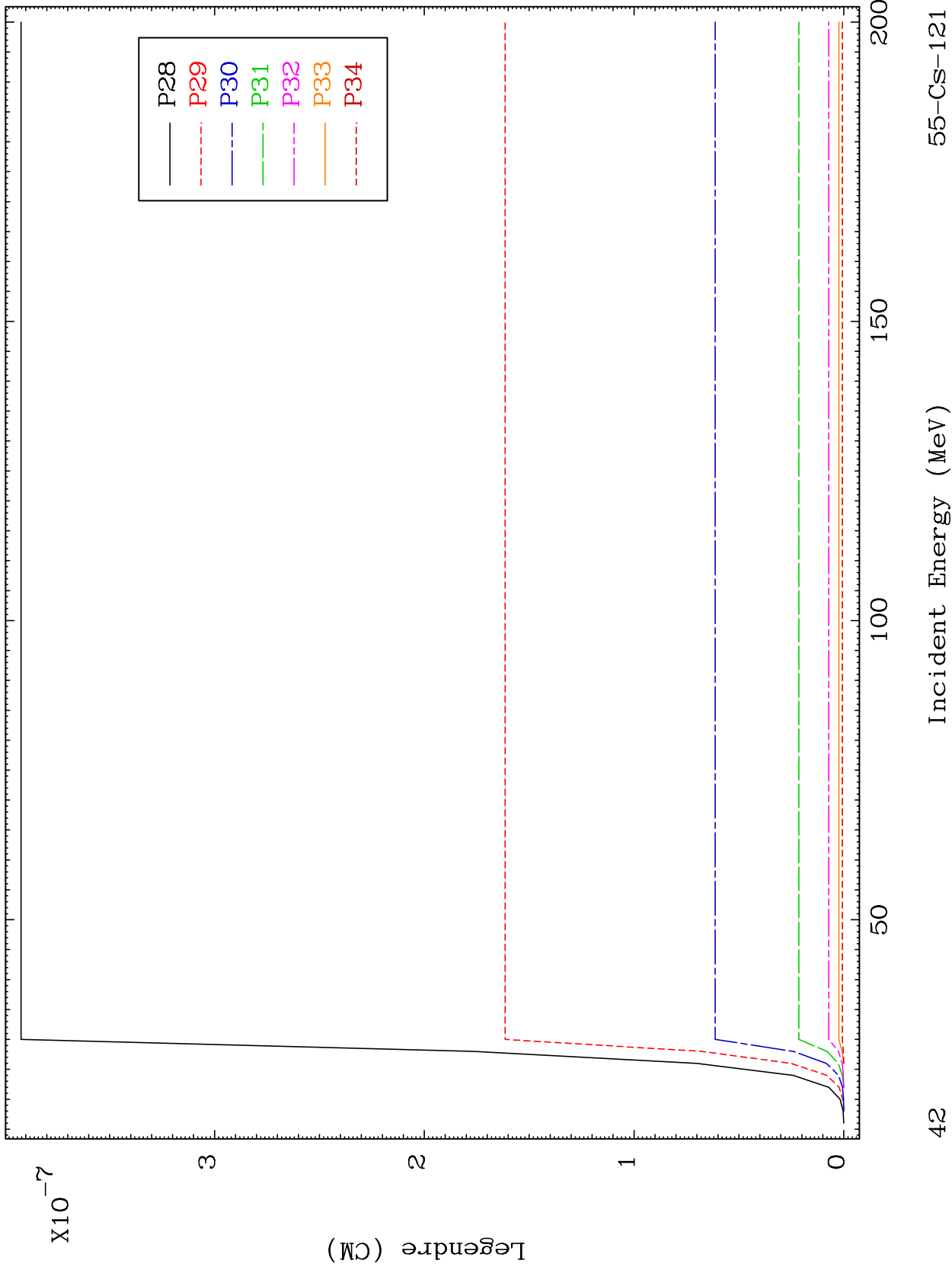




MAT 5489

313.9 keV (n, n') Level
Legendre Coefficients

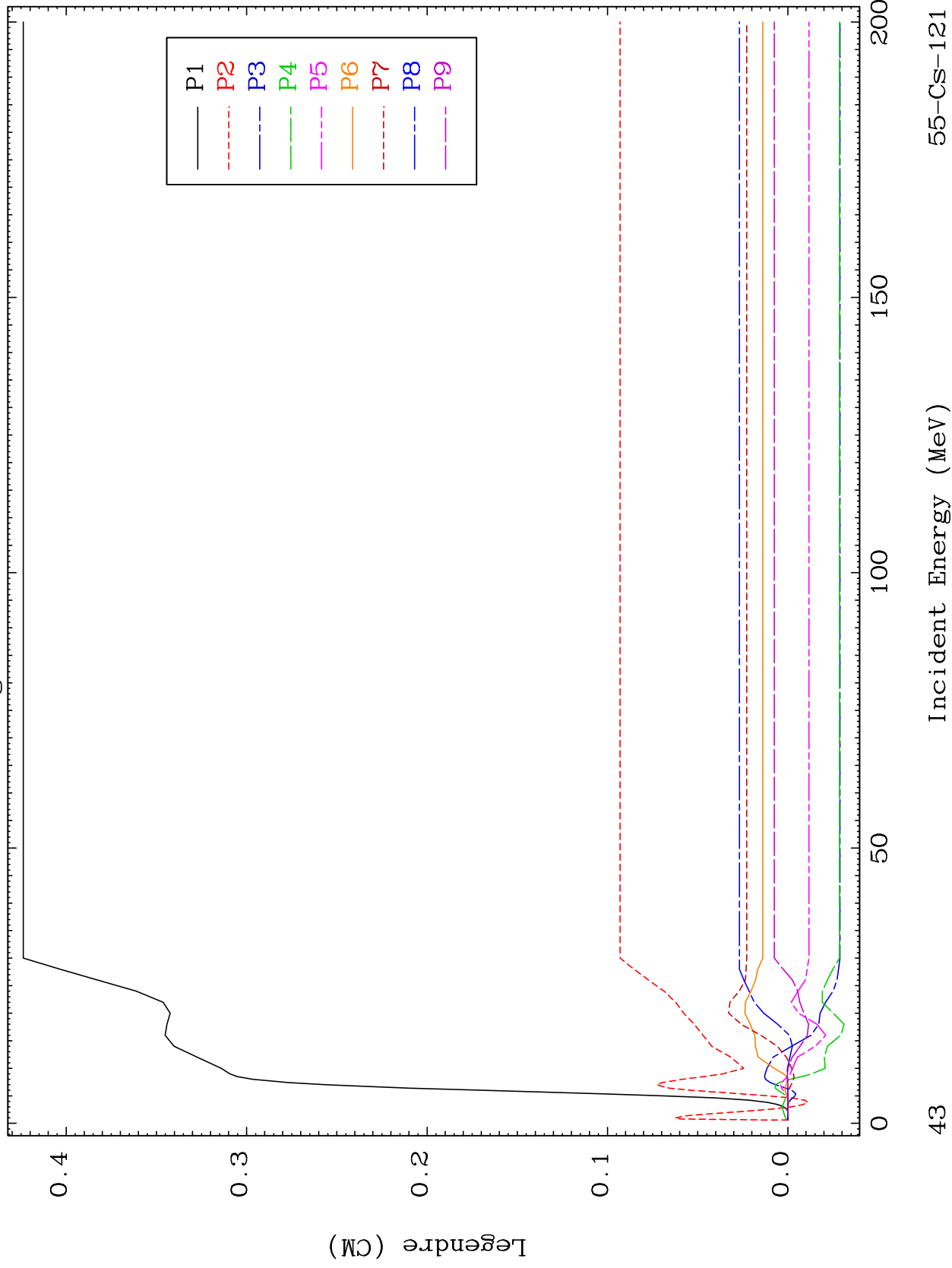
55-Cs-121



MAT 5489

589.9 keV (n,n') Level
Legendre Coefficients

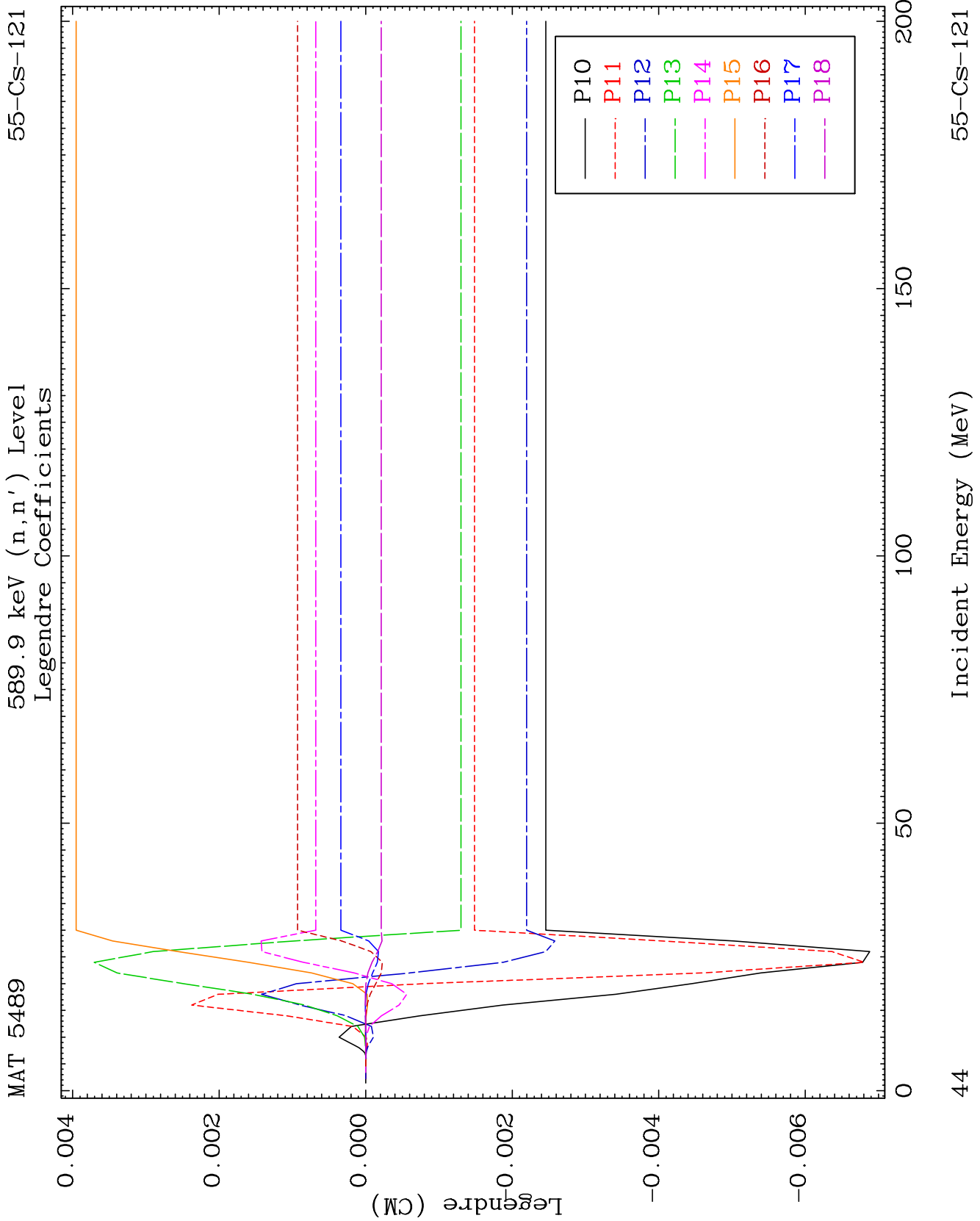
55-Cs-121

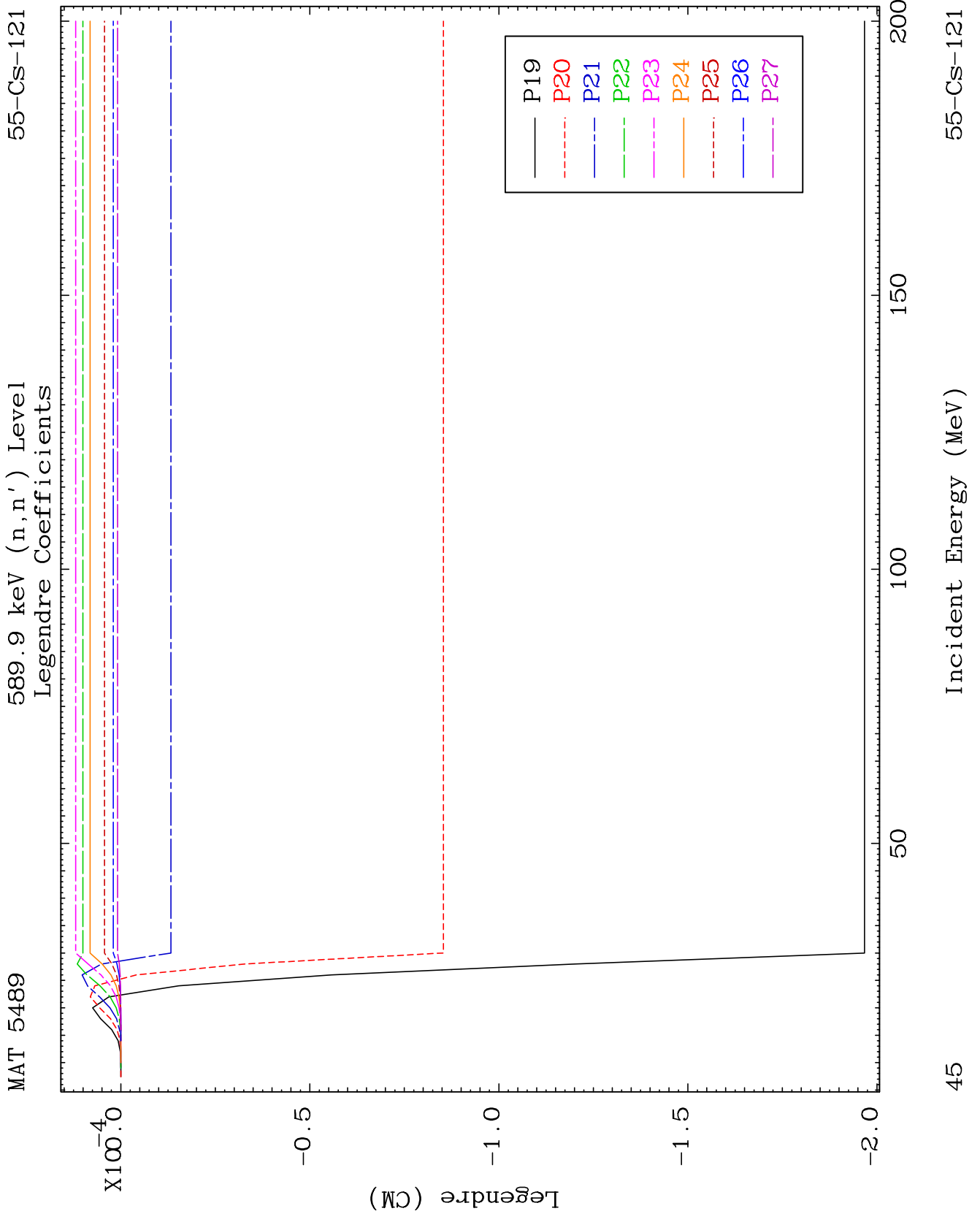


43

Incident Energy (MeV)

55-Cs-121

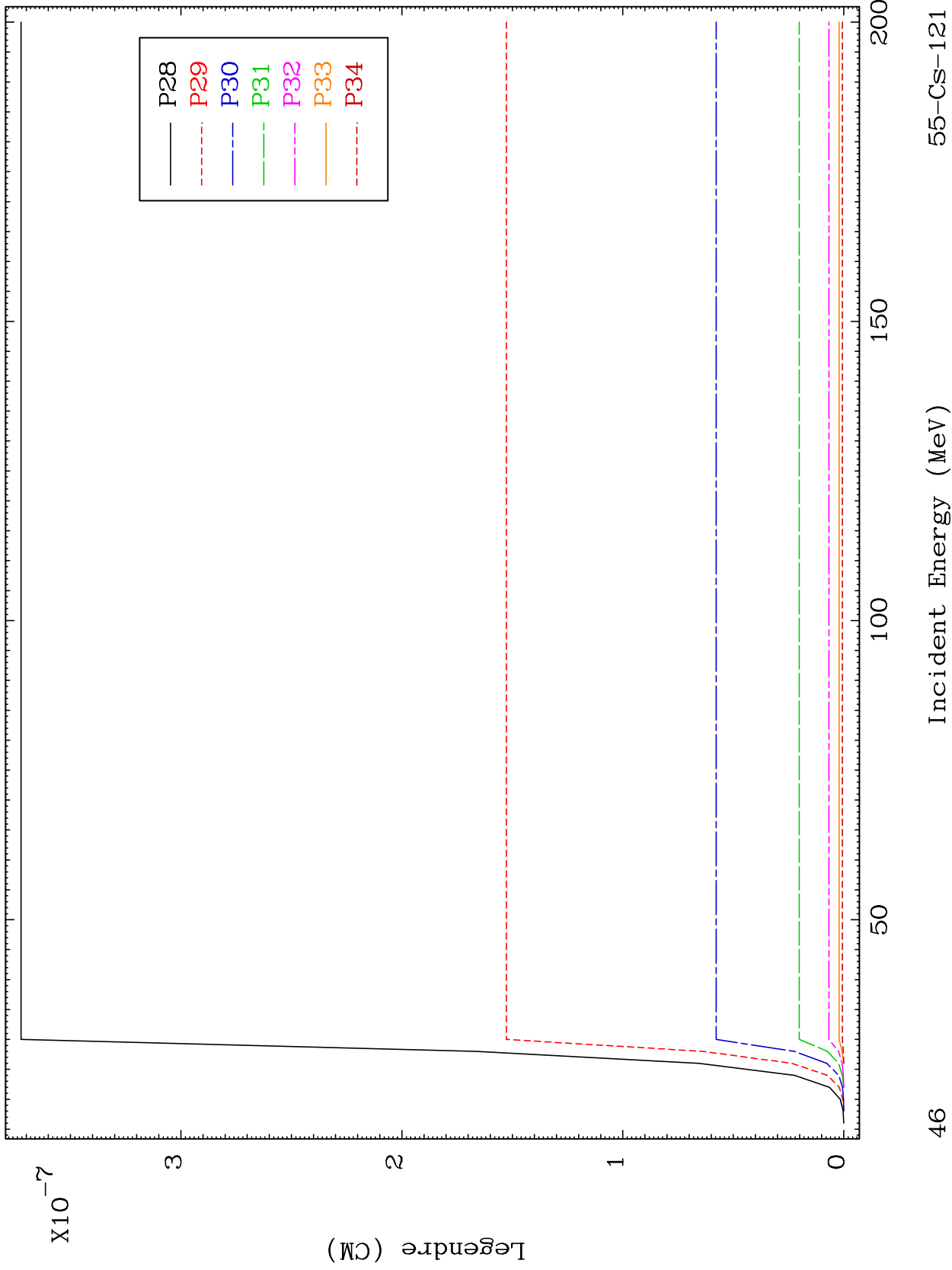




MAT 5489

589.9 keV (n,n') Level
Legendre Coefficients

55-Cs-121



46

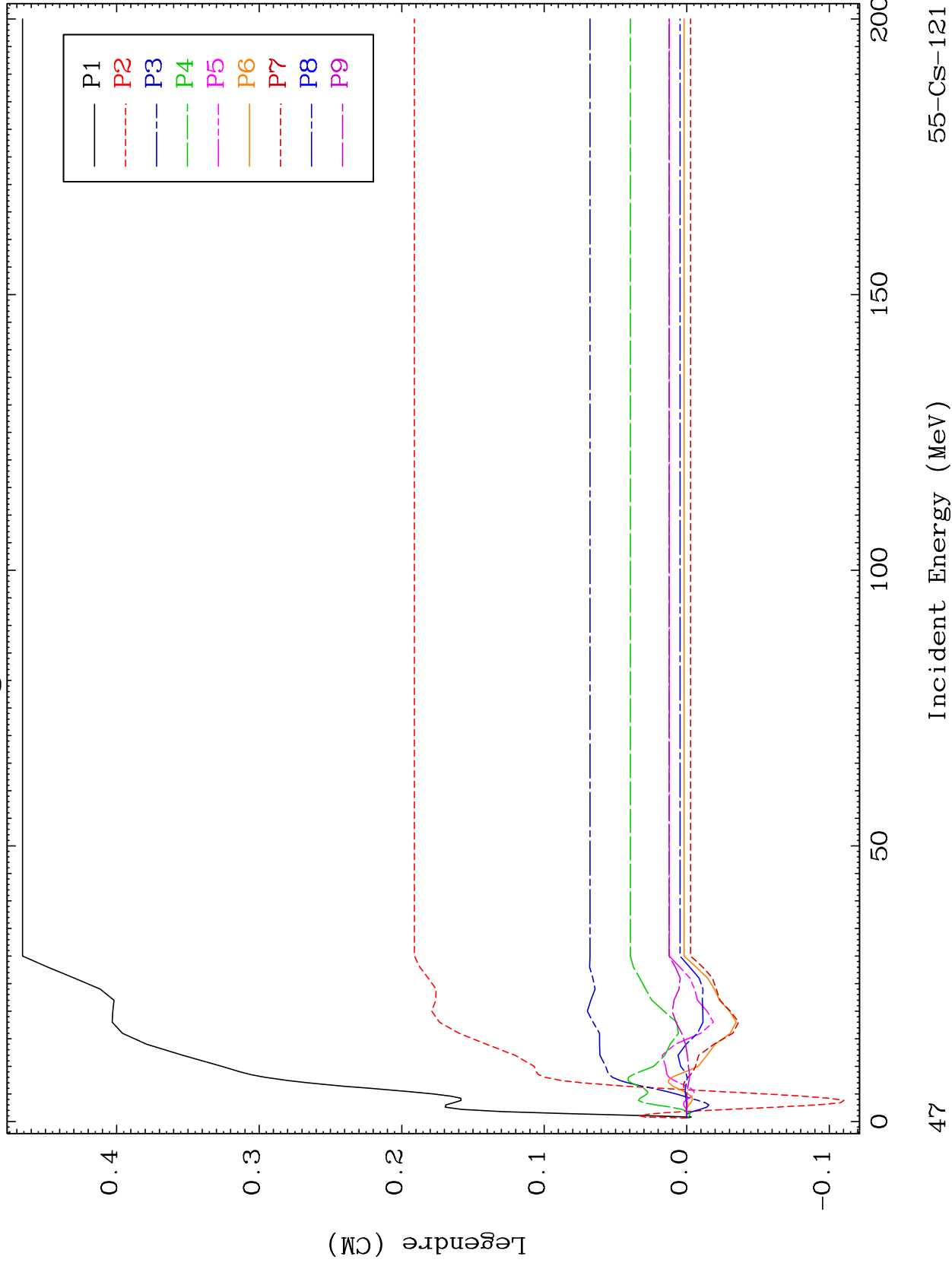
Incident Energy (MeV)

55-Cs-121

MAT 5489

627.7 keV (n,n') Level
Legendre Coefficients

55-Cs-121



55-Cs-121

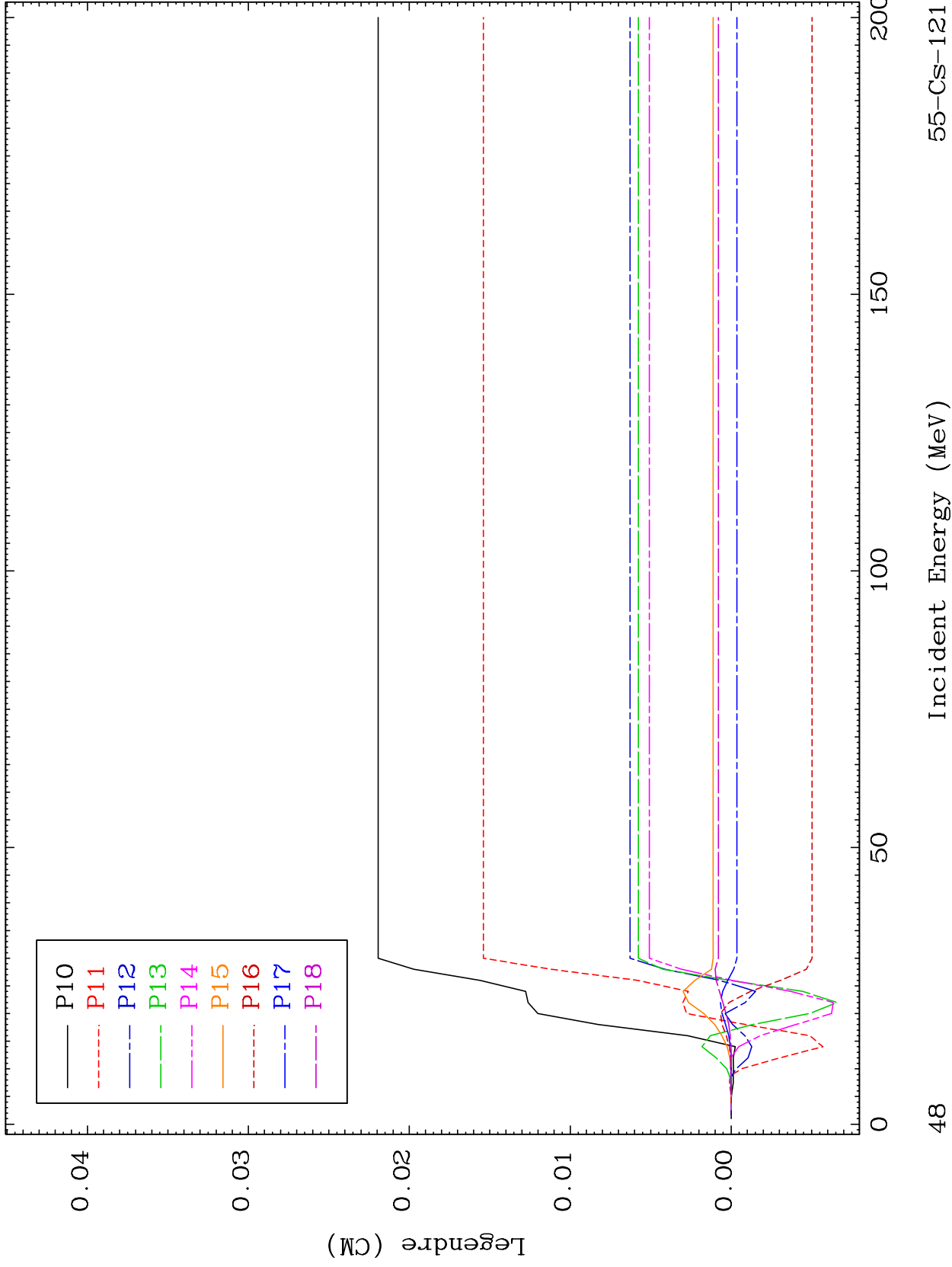
Incident Energy (MeV)

47

MAT 5489

627.7 keV (n,n') Level
Legendre Coefficients

55-Cs-121



55-Cs-121

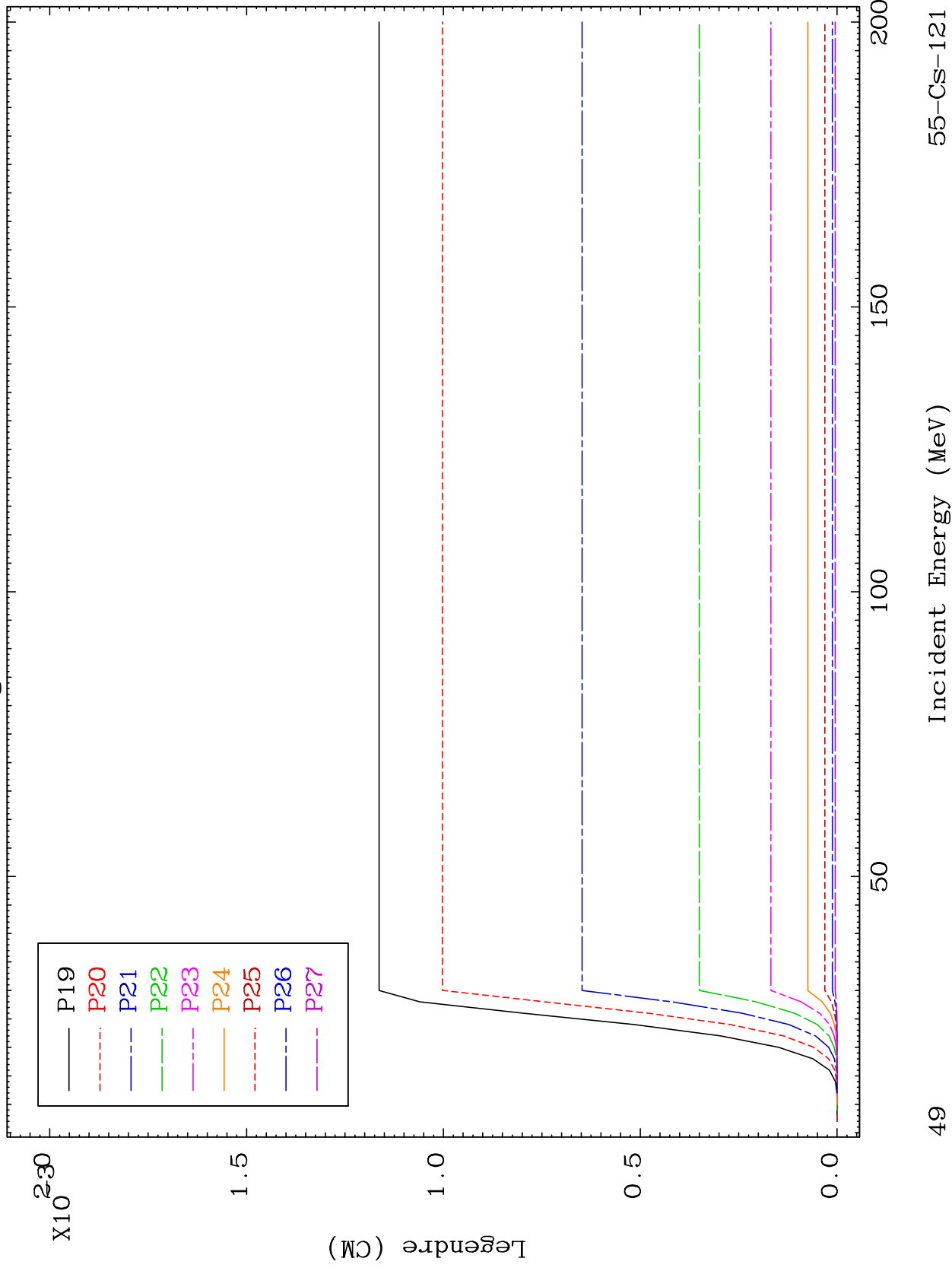
Incident Energy (MeV)

48

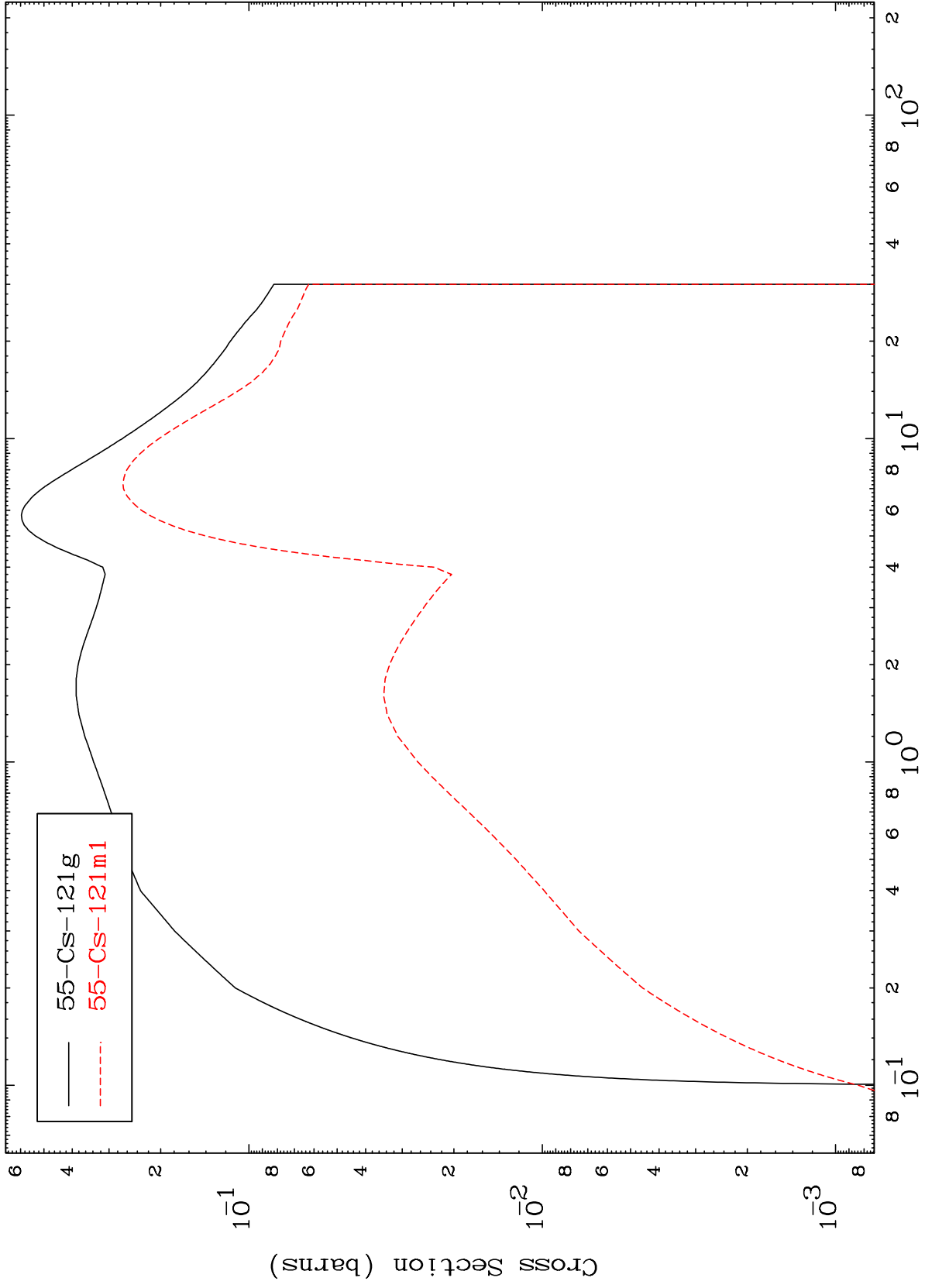
MAT 5489

627.7 keV (n,n') Level
Legendre Coefficients

55-Cs-121



Radionuclide Production Cross Section

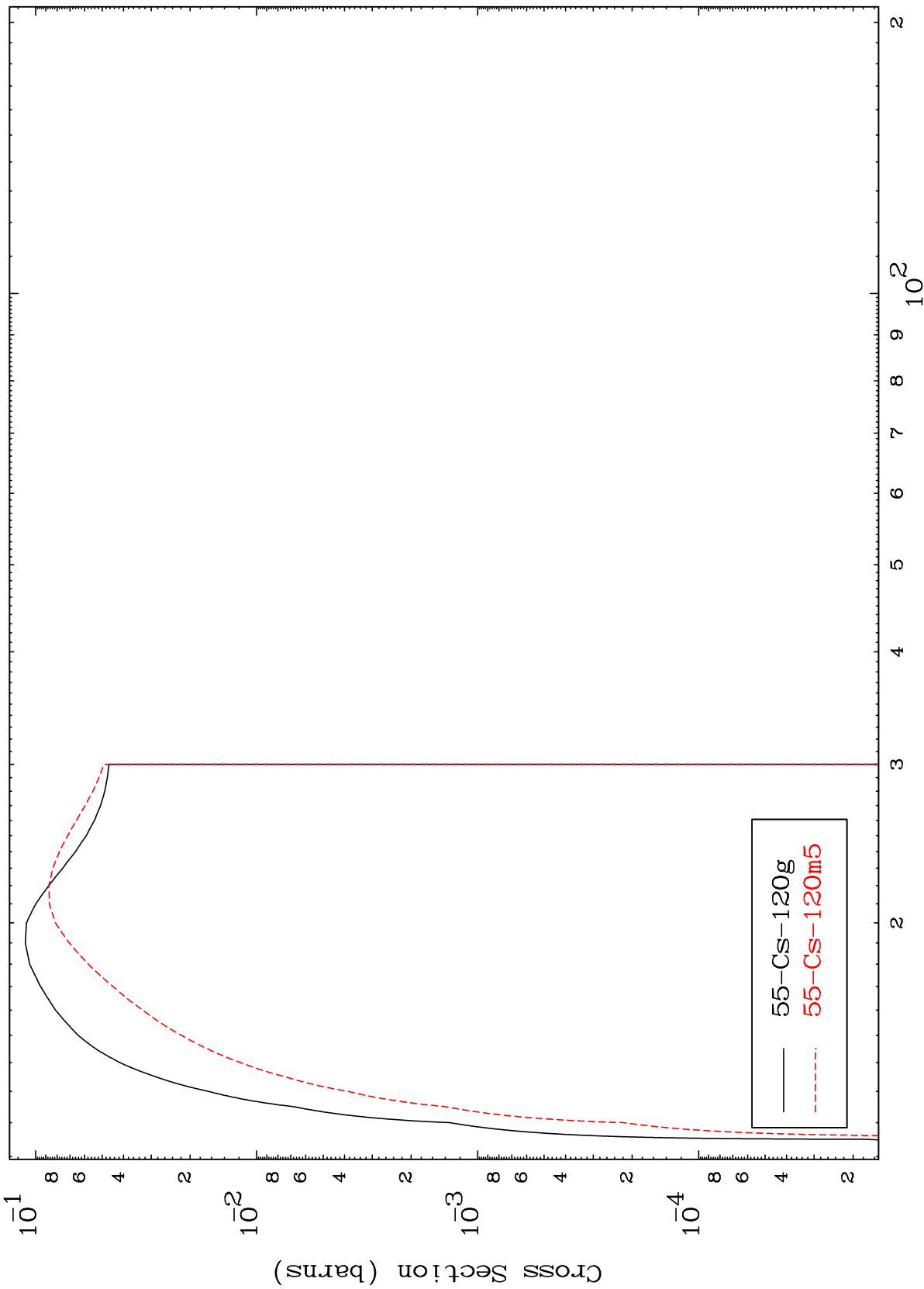


55-Cs-121g
55-Cs-121m1

MAT 5489

55-Cs-121

(n,2n)
Radionuclide Production Cross Section

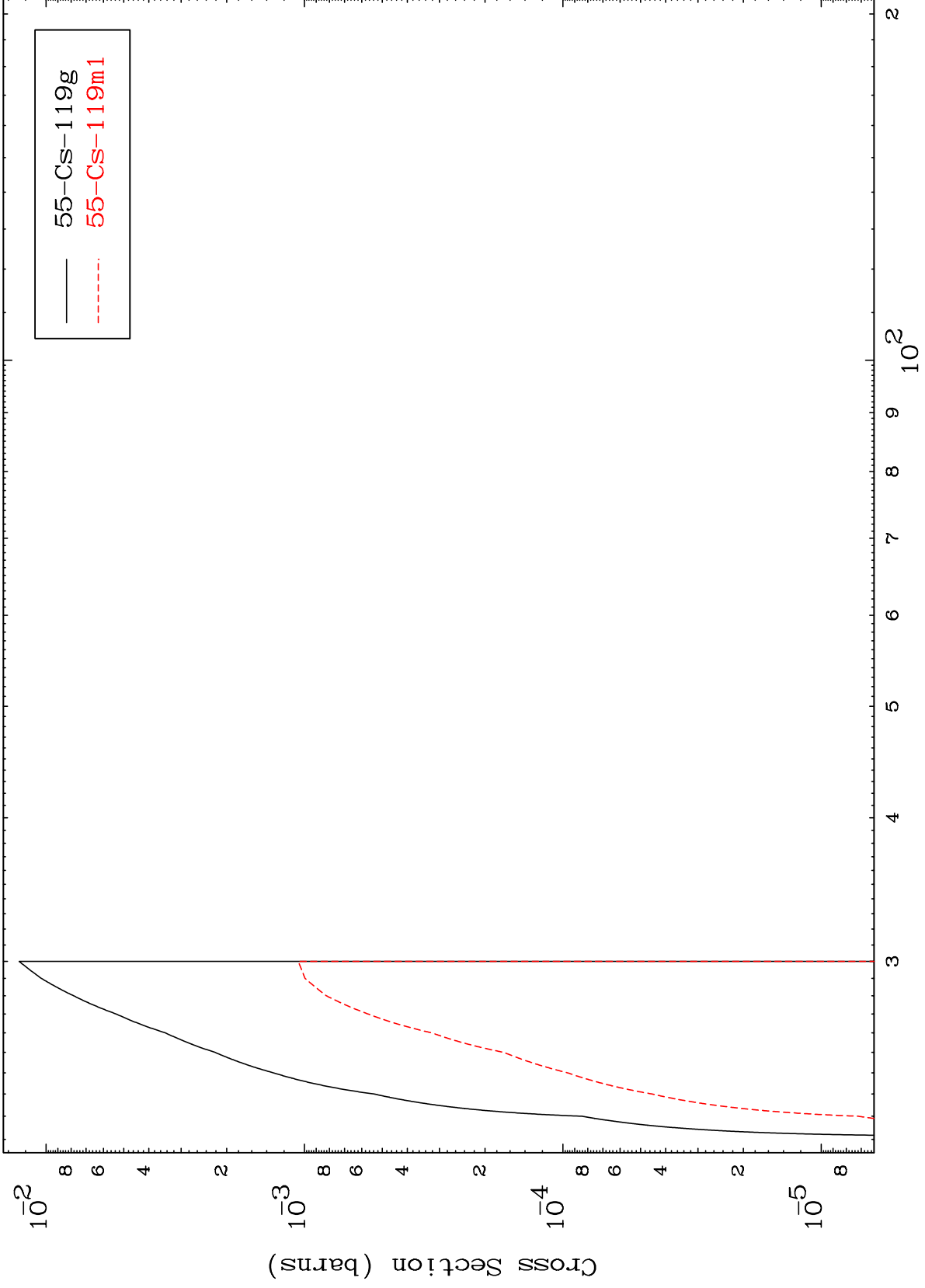


52

Incident Energy (MeV)

55-Cs-121

Radionuclide Production Cross Section

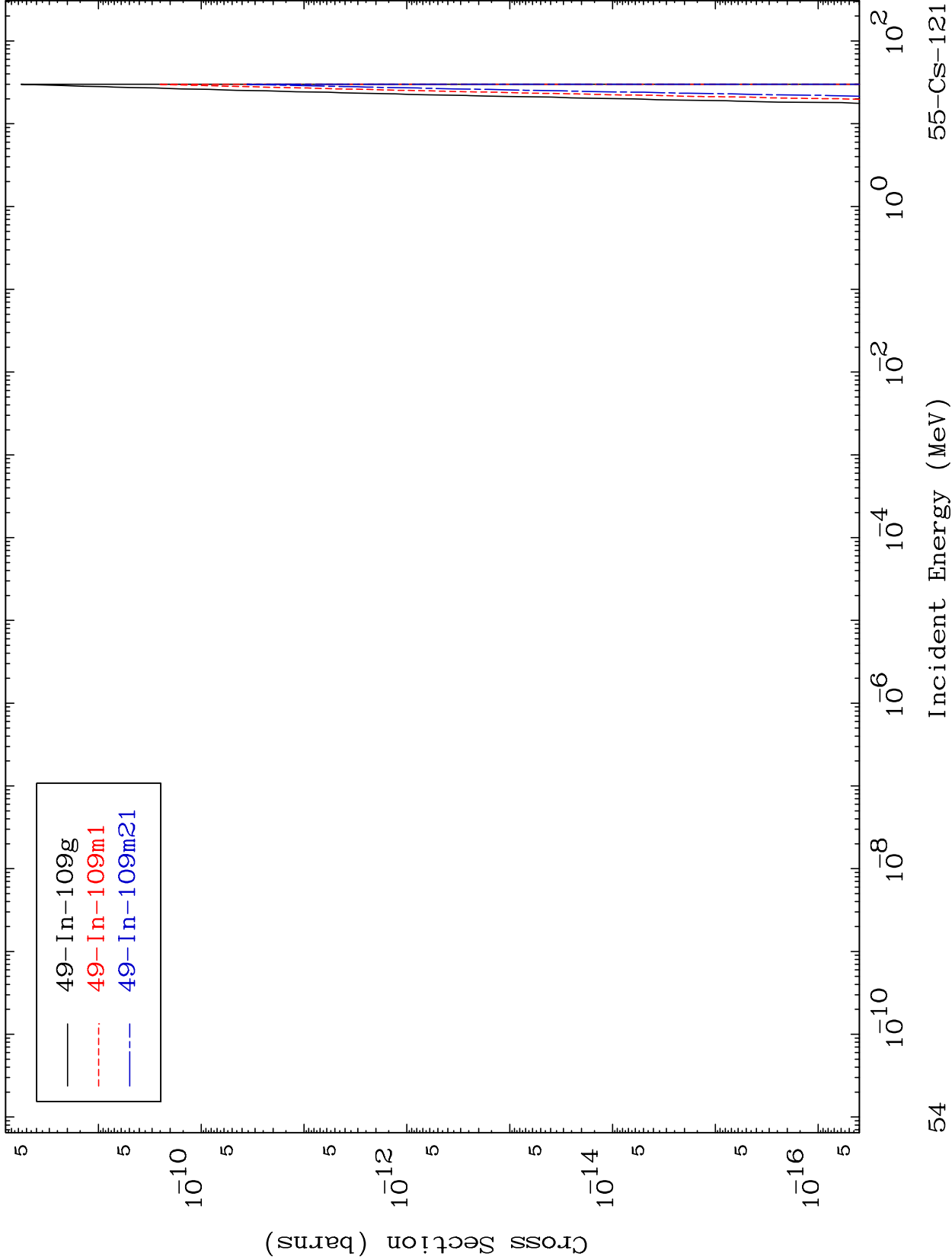


MAT 5489

(n,n') 3 α

55-Cs-121

Radionuclide Production Cross Section

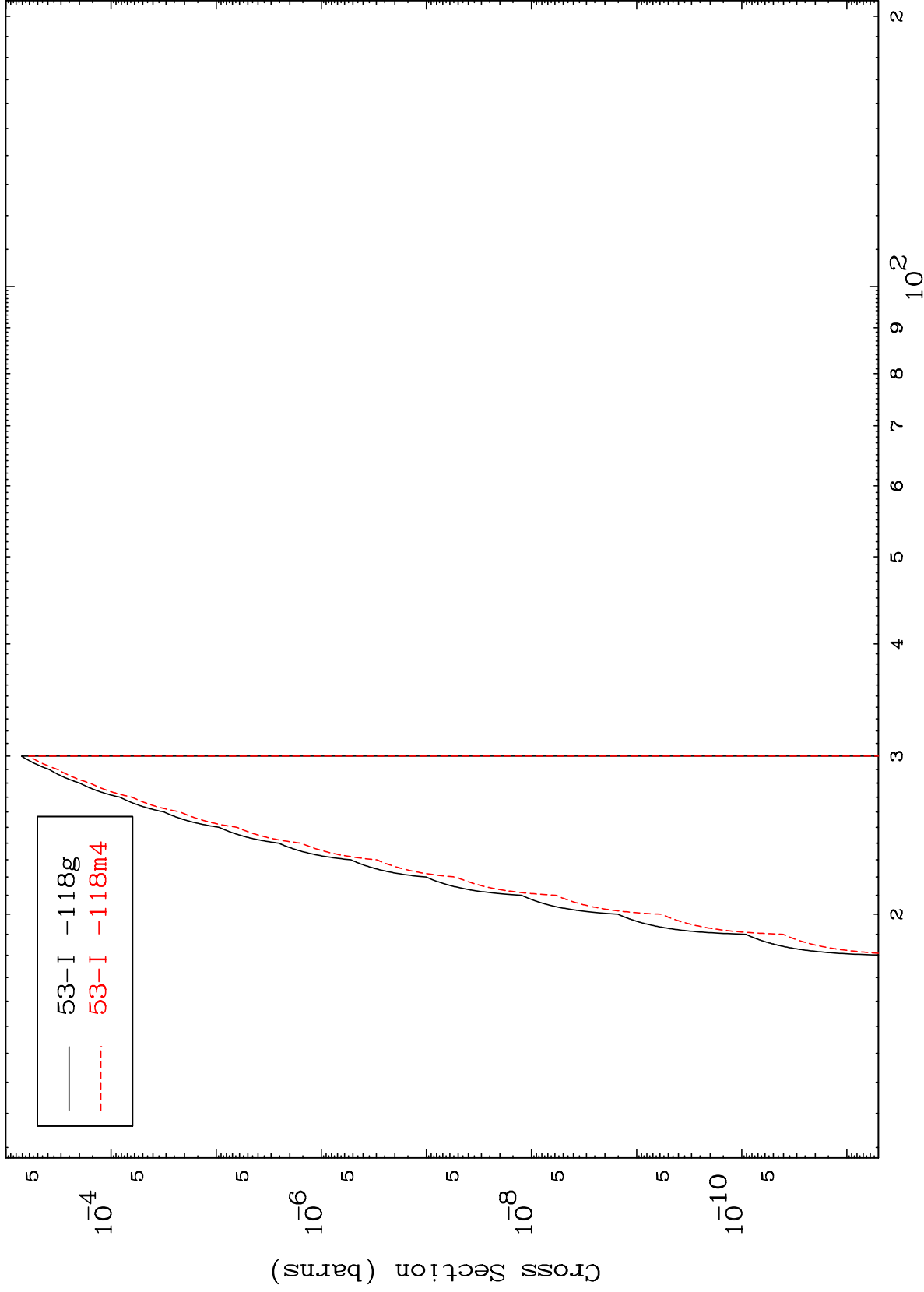


MAT 5489

(n,n') He-3

55-Cs-121

Radionuclide Production Cross Section

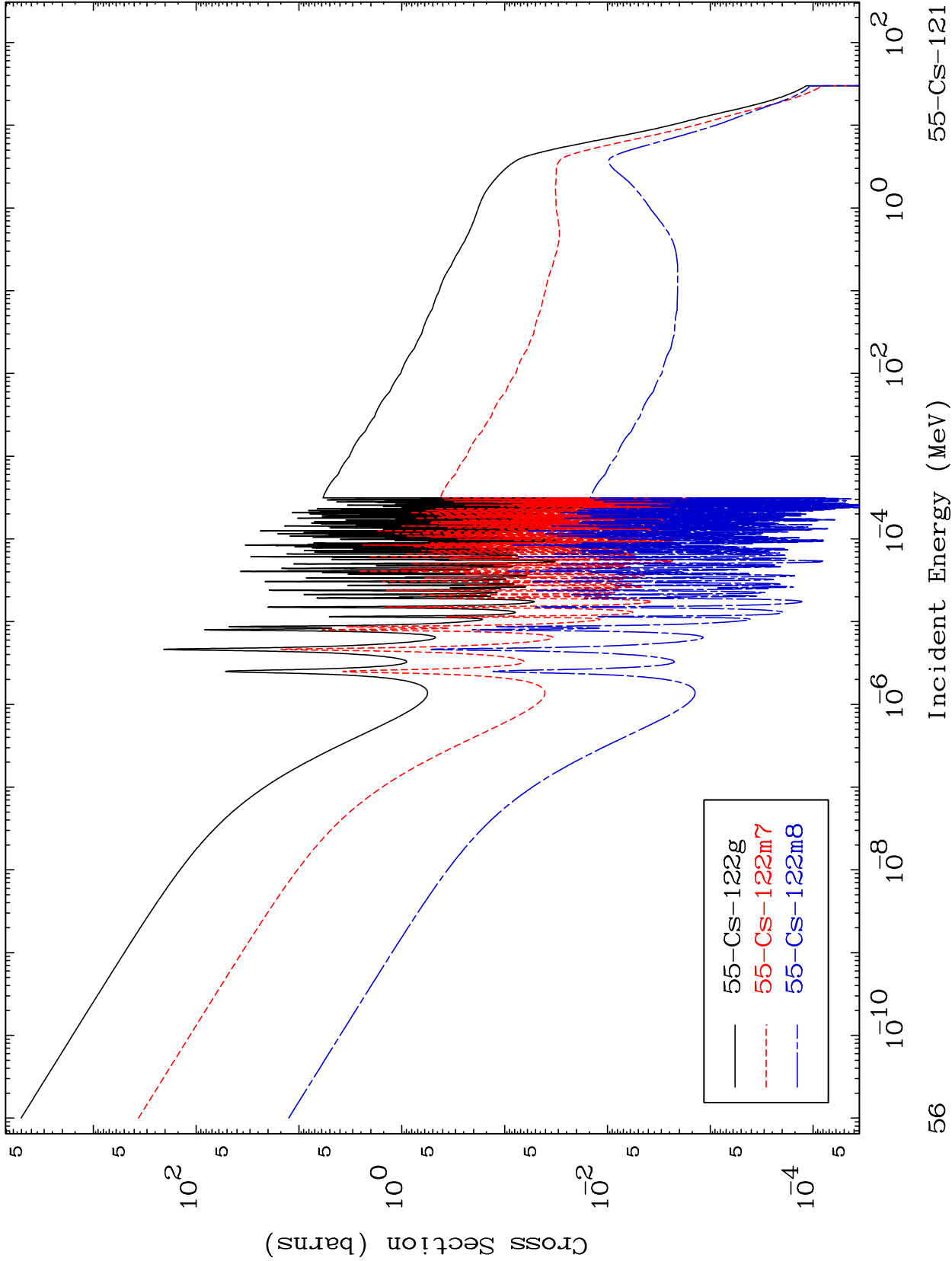


55

Incident Energy (MeV)

55-Cs-121

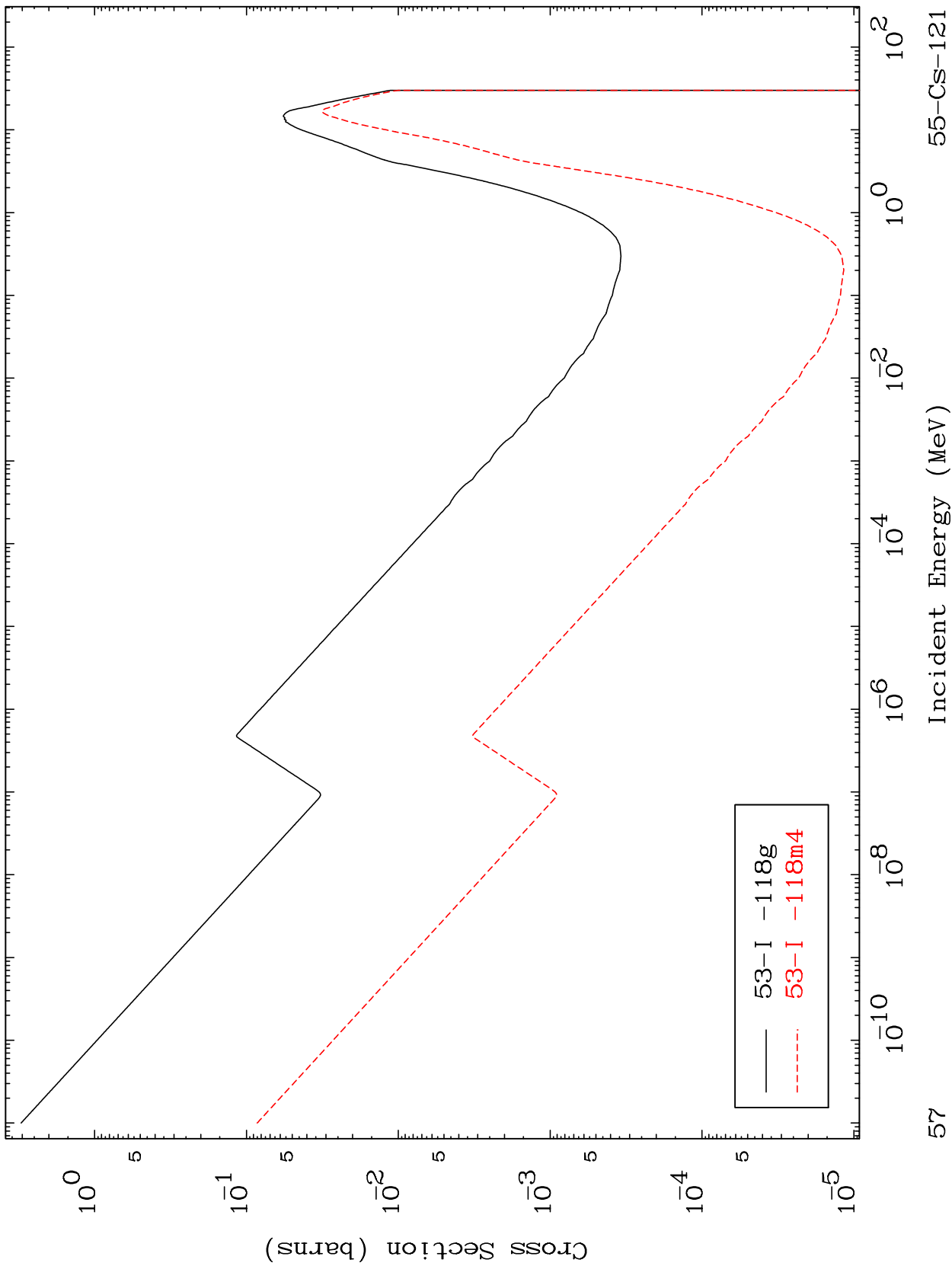
Radionuclide Production Cross Section
(n, γ)



MAT 5489

55-Cs-121

Radionuclide Production Cross Section
(n, α)



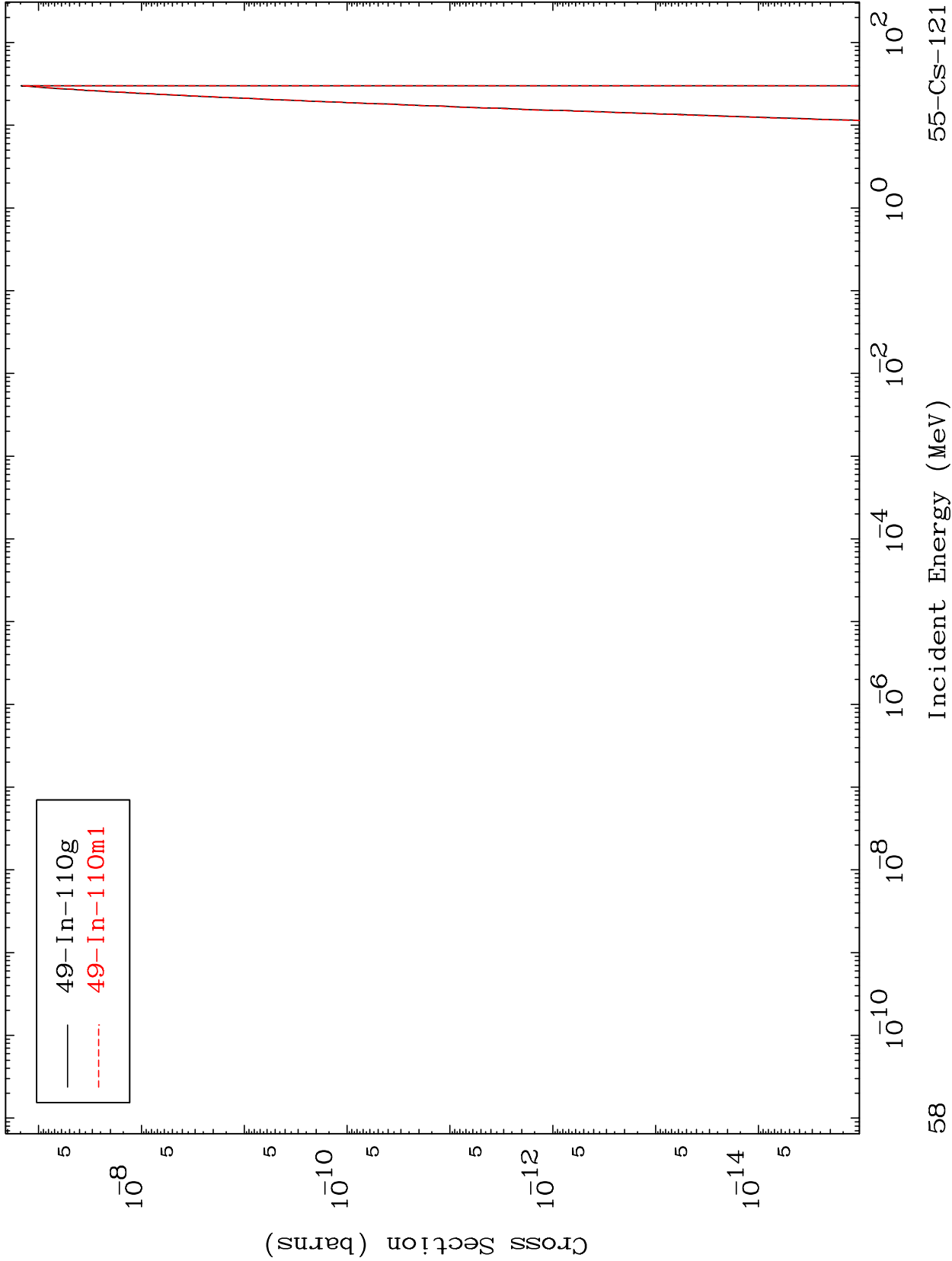
57

MAT 5489

(n,3α)

55-Cs-121

Radionuclide Production Cross Section



58

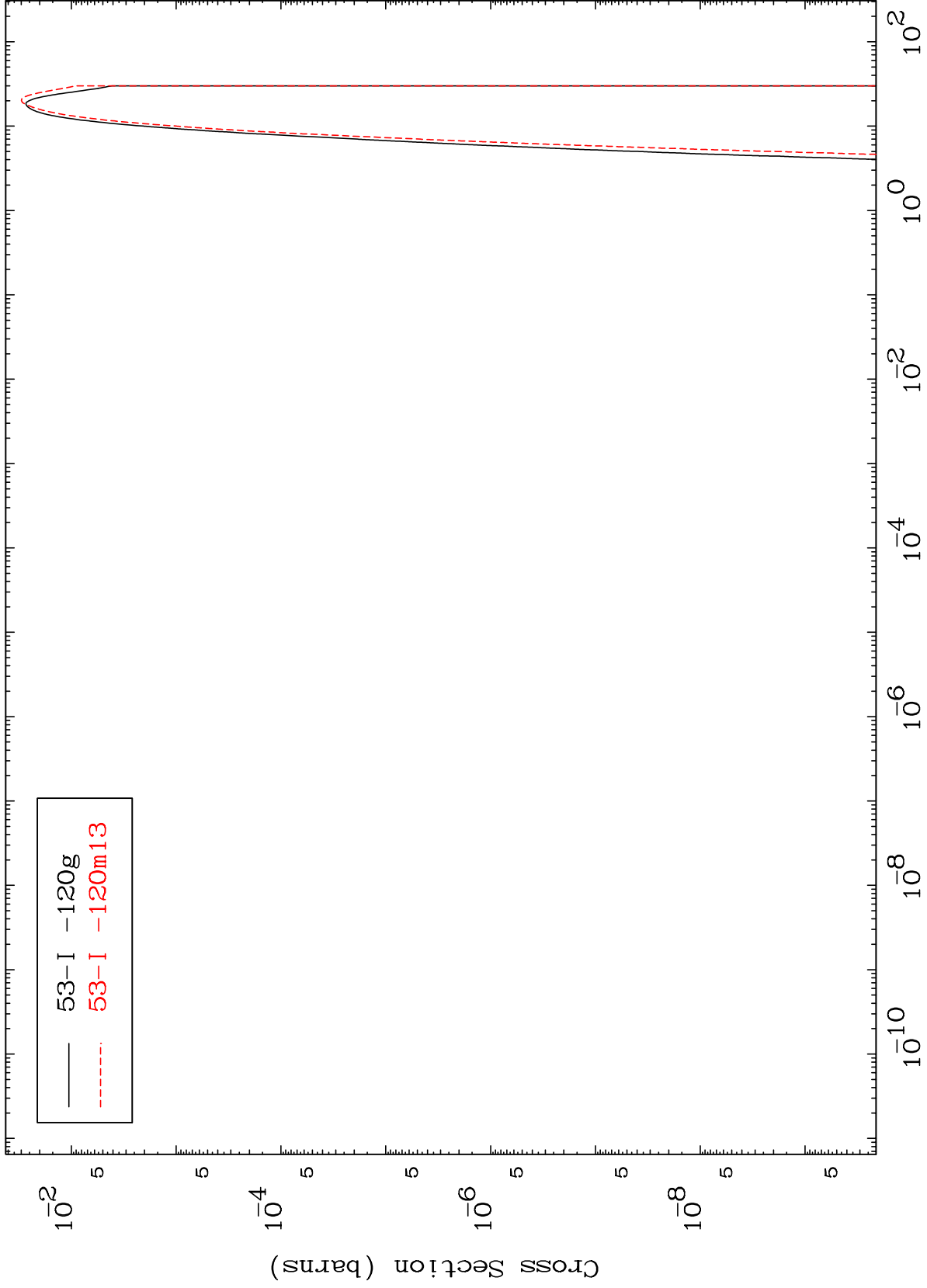
Incident Energy (MeV)

55-Cs-121

MAT 5489

55-Cs-121

(n,2p)
Radionuclide Production Cross Section



59

55-Cs-121

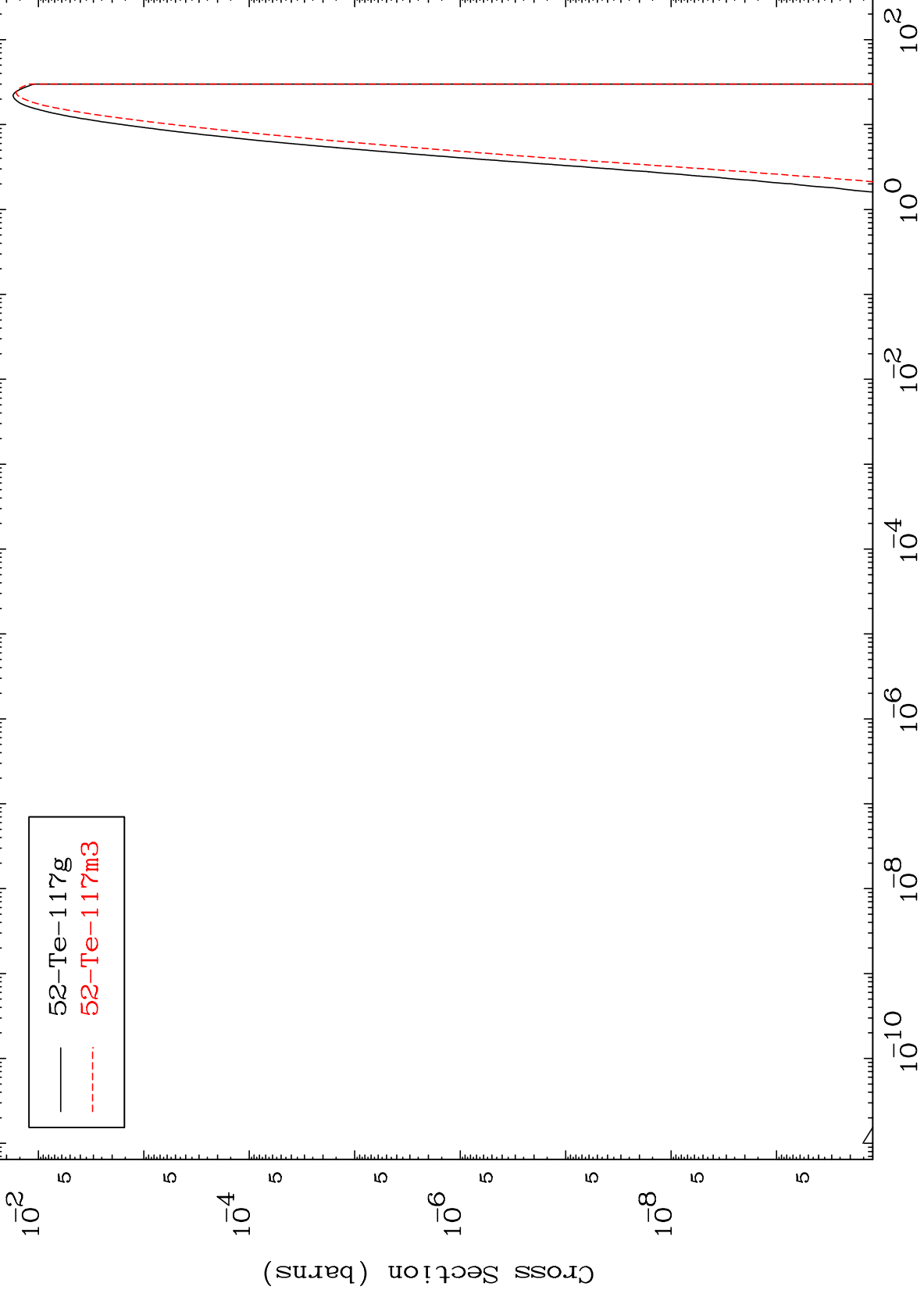
Incident Energy (MeV)

MAT 5489

(n,p) α

55-Cs-121

Radionuclide Production Cross Section



60

Incident Energy (MeV)

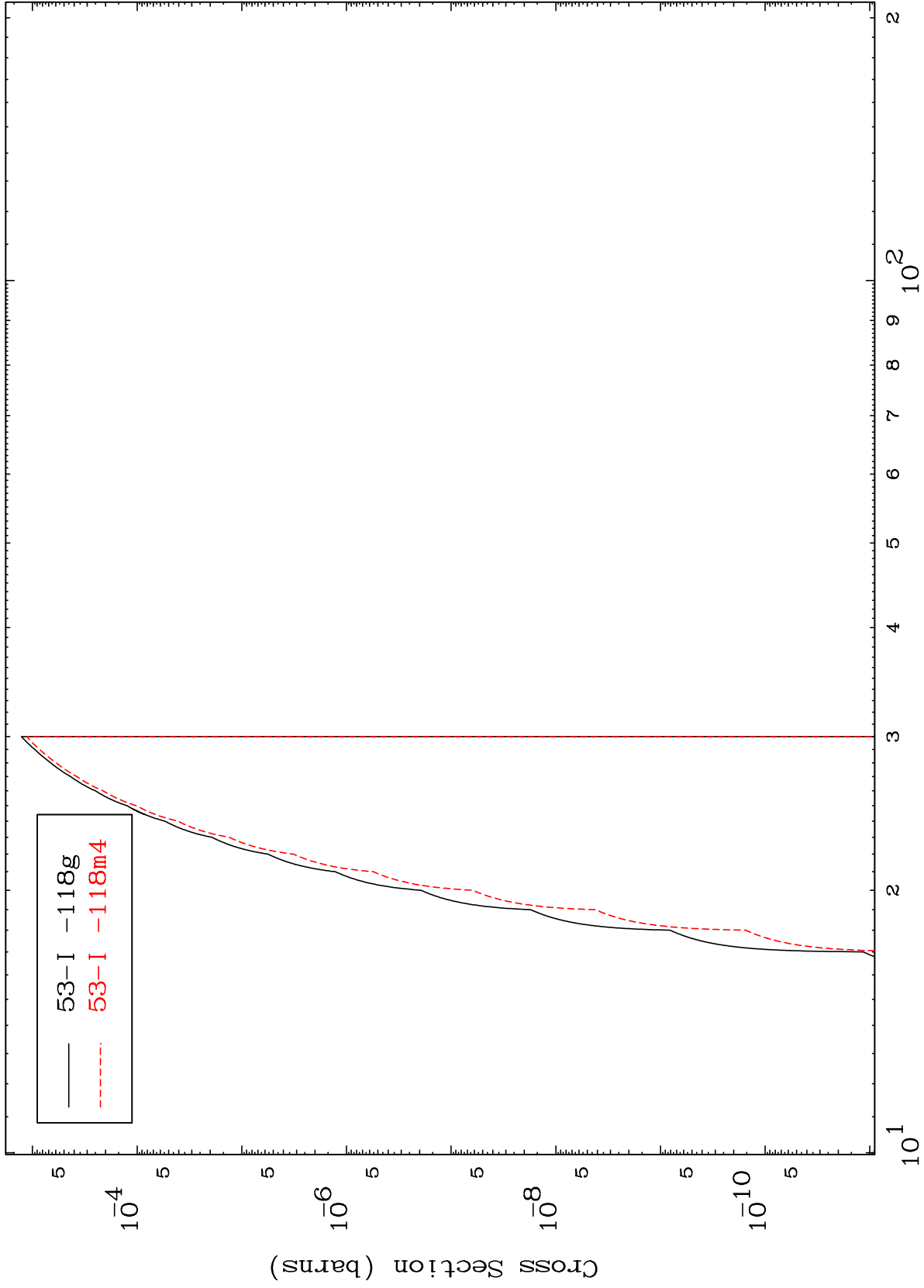
55-Cs-121

MAT 5489

(n,p) t

55-Cs-121

Radionuclide Production Cross Section



61

Incident Energy (MeV)

55-Cs-121