

Program EVALPLOT
(Version 2021-1)

by

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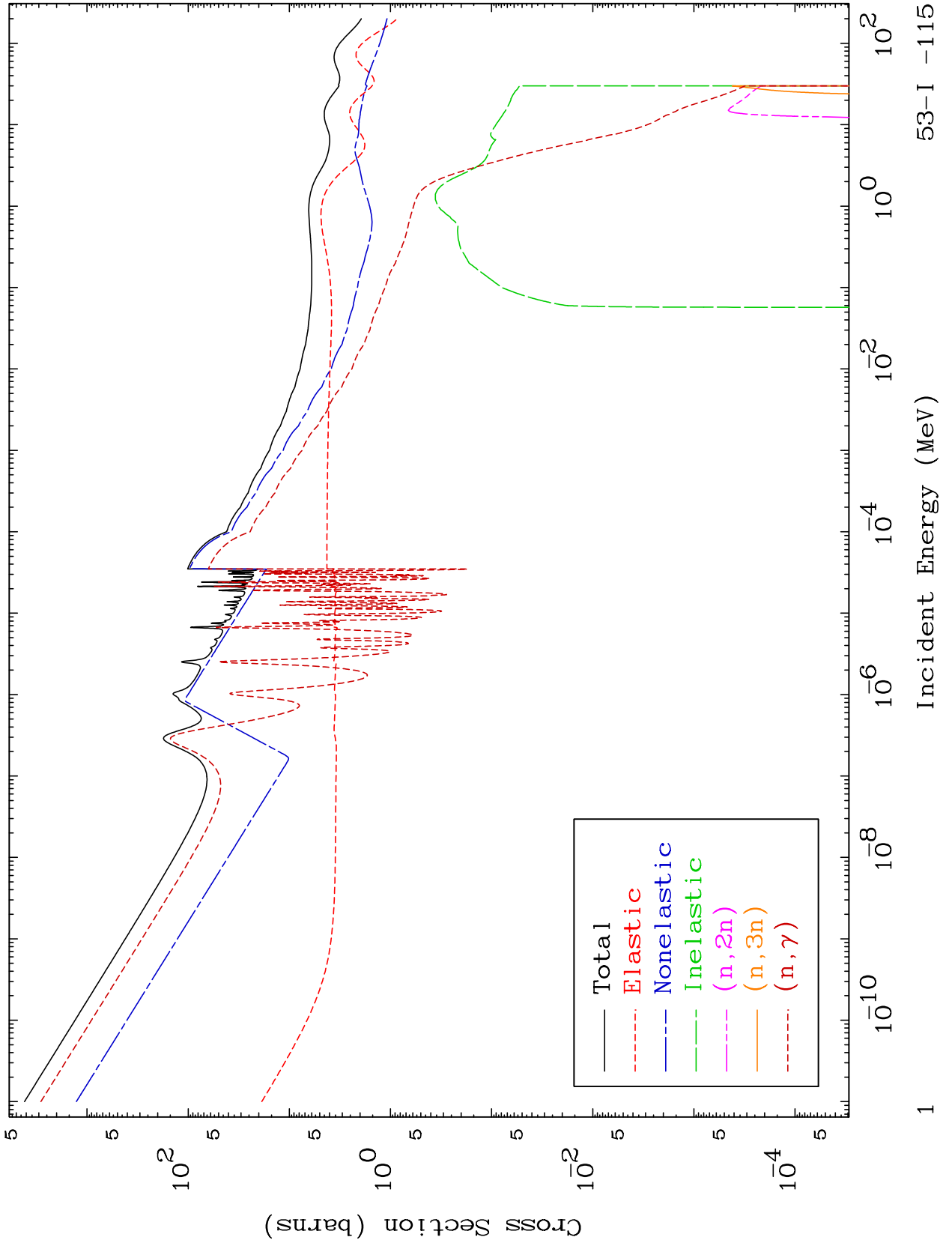
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5289

Neutron Major
293 Kelvin Cross Sections

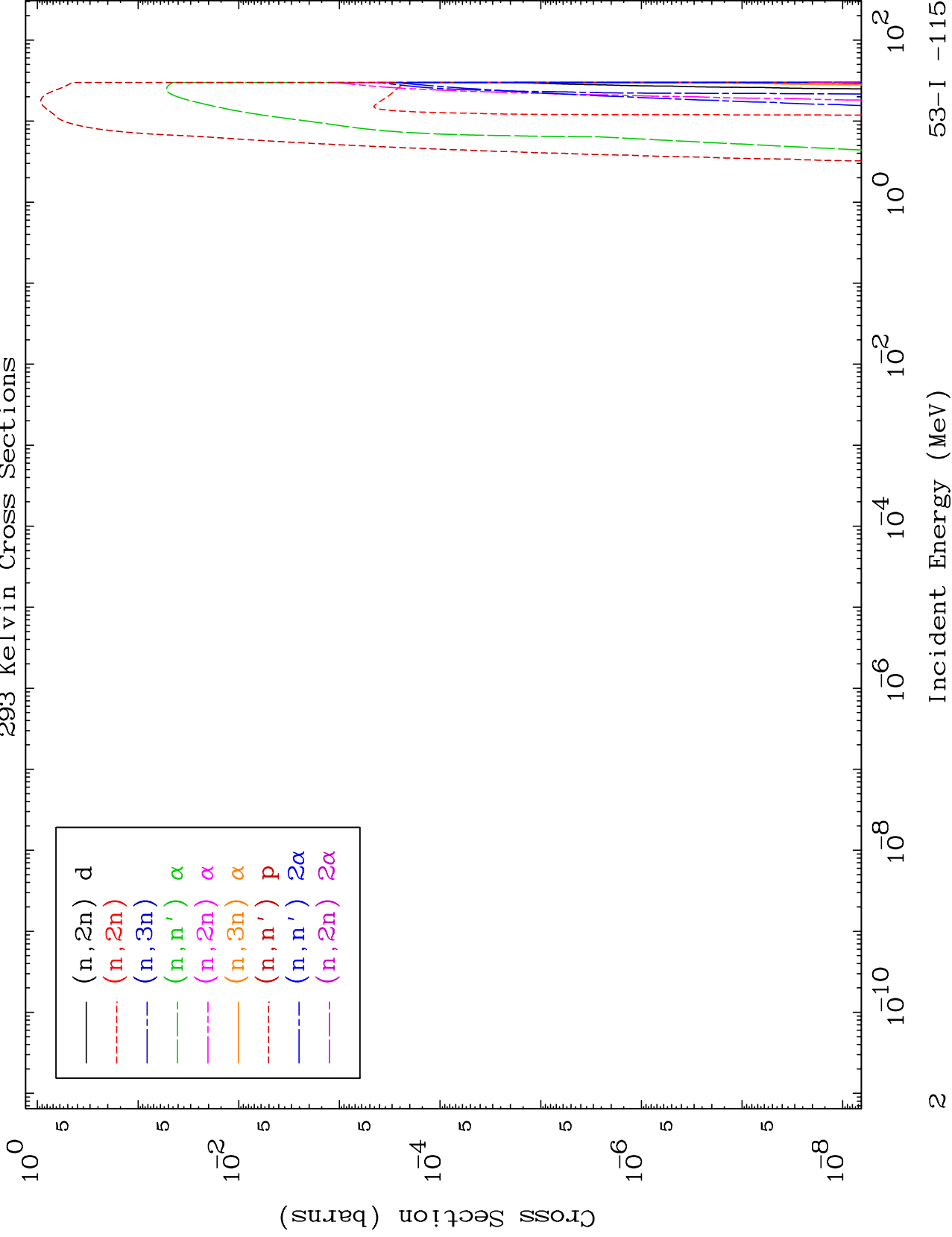
53-I -115

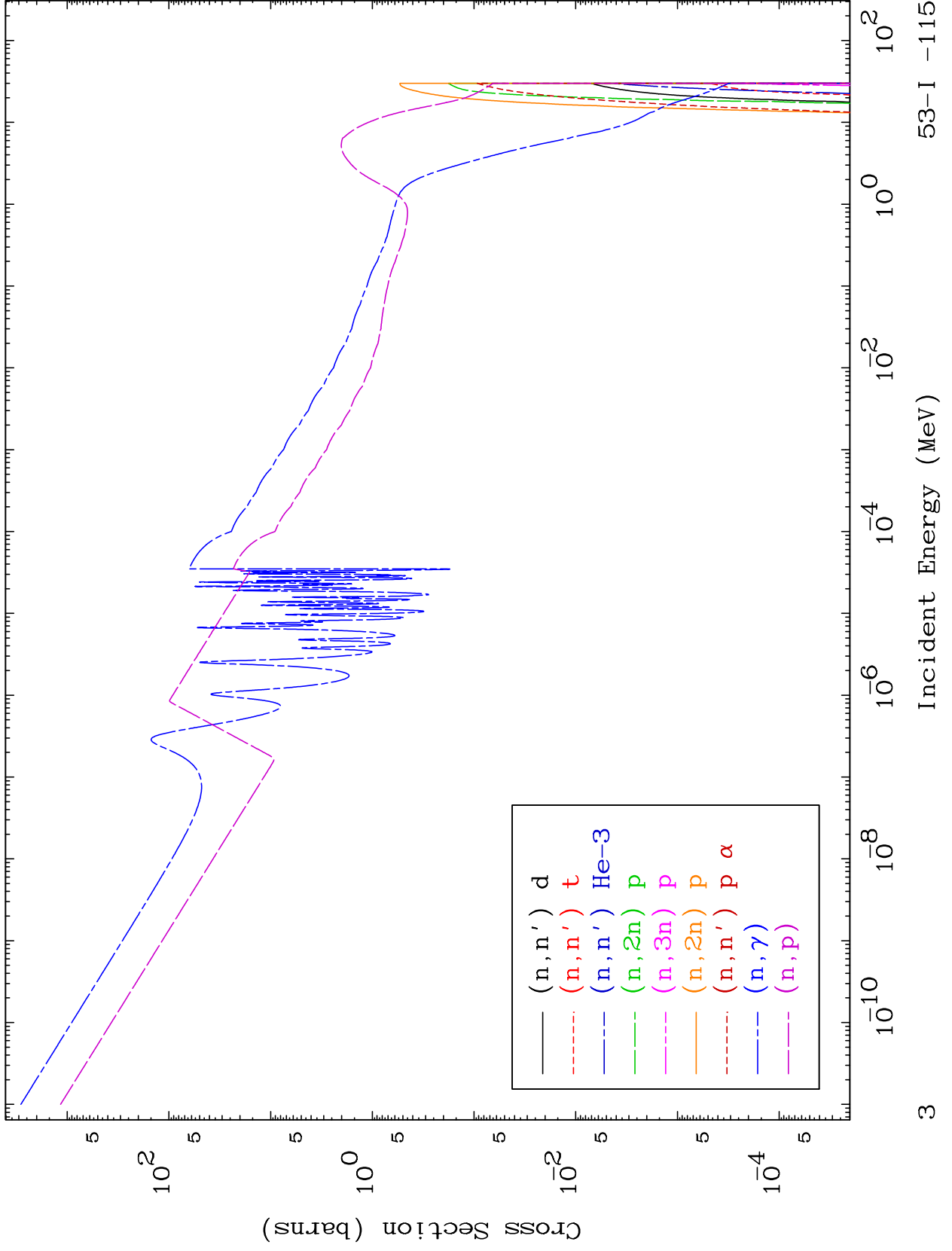


MAT 5289

Neutron Absorption
293 Kelvin Cross Sections

53-I -115

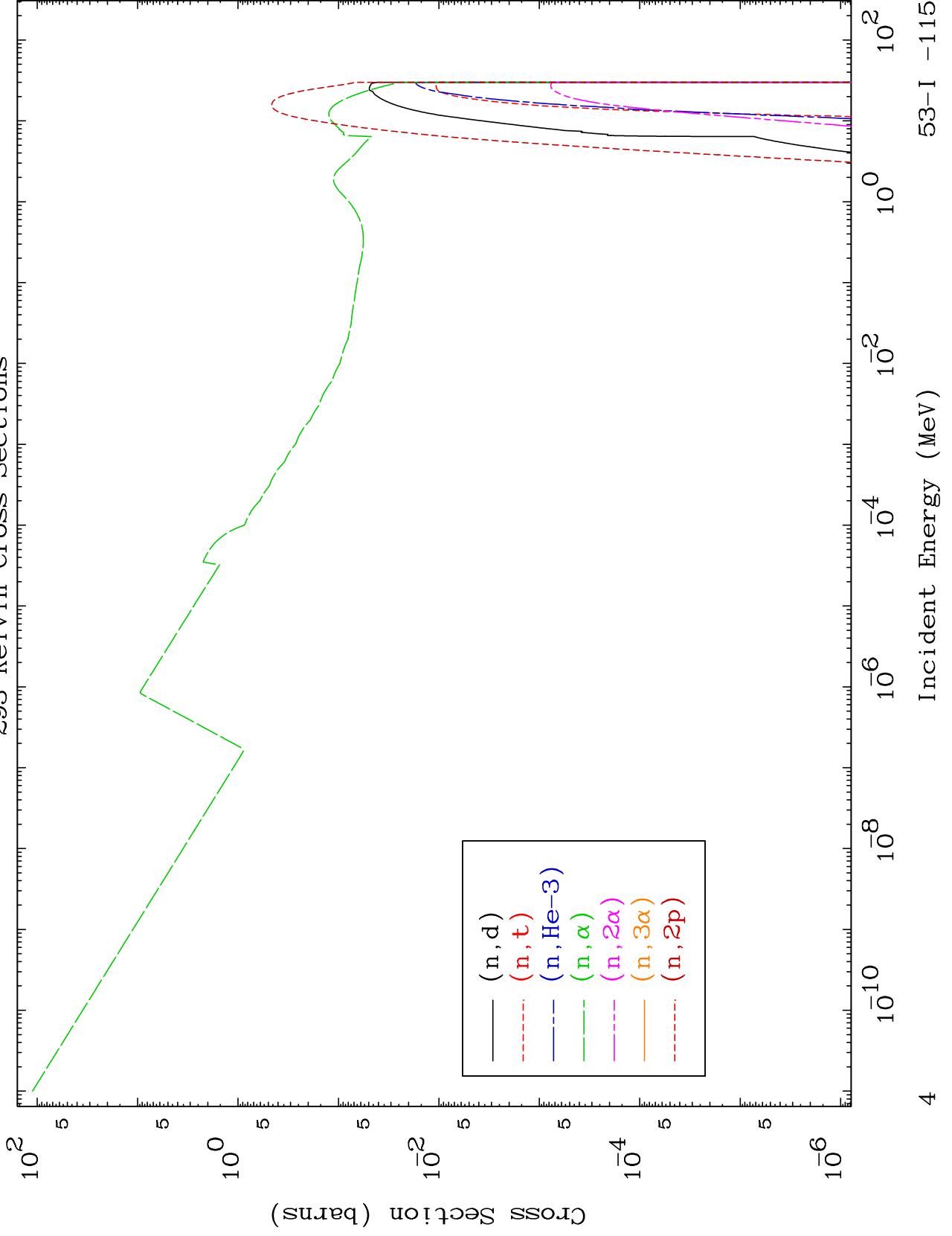


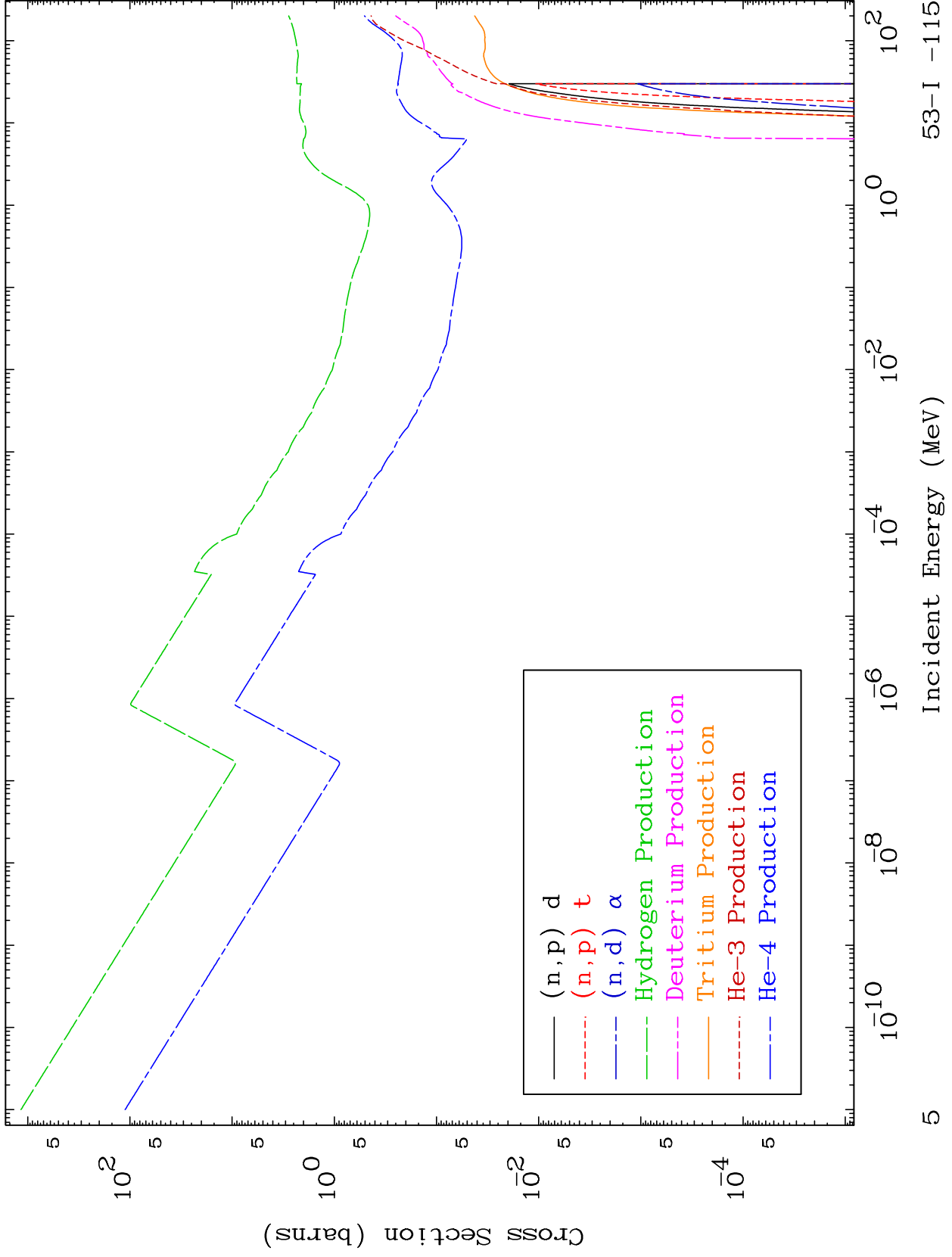


MAT 5289

Neutron Absorption
293 Kelvin Cross Sections

53-I -115

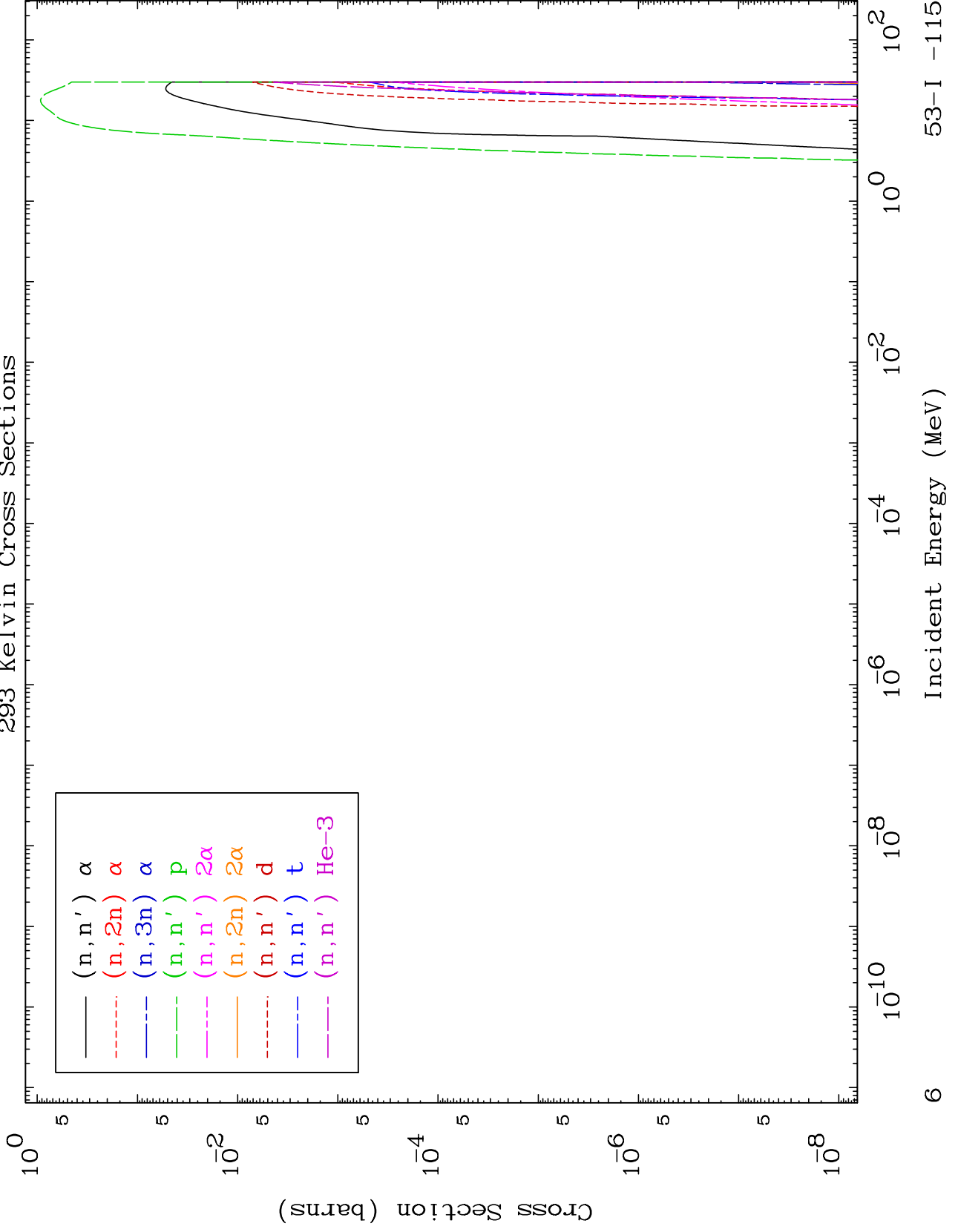


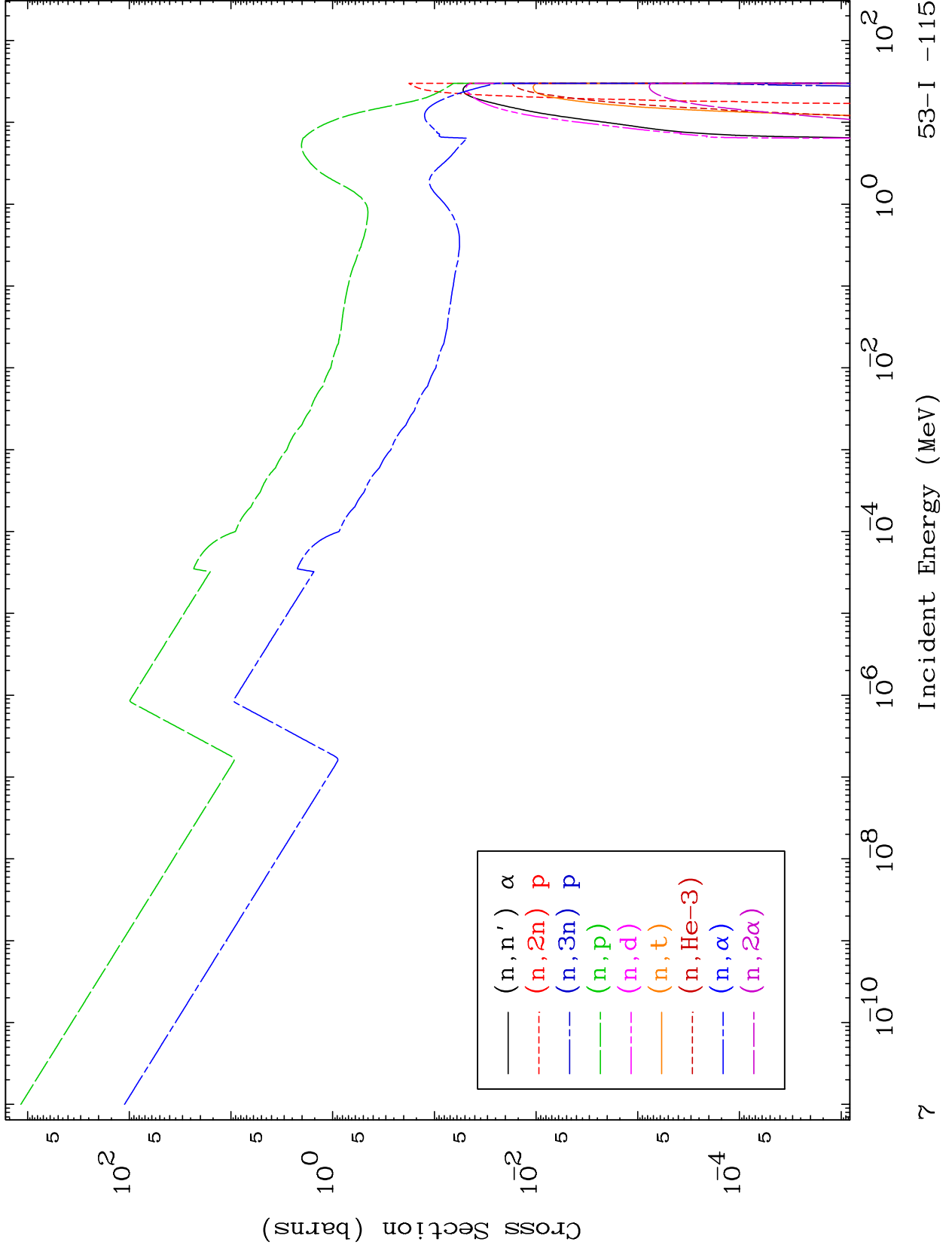


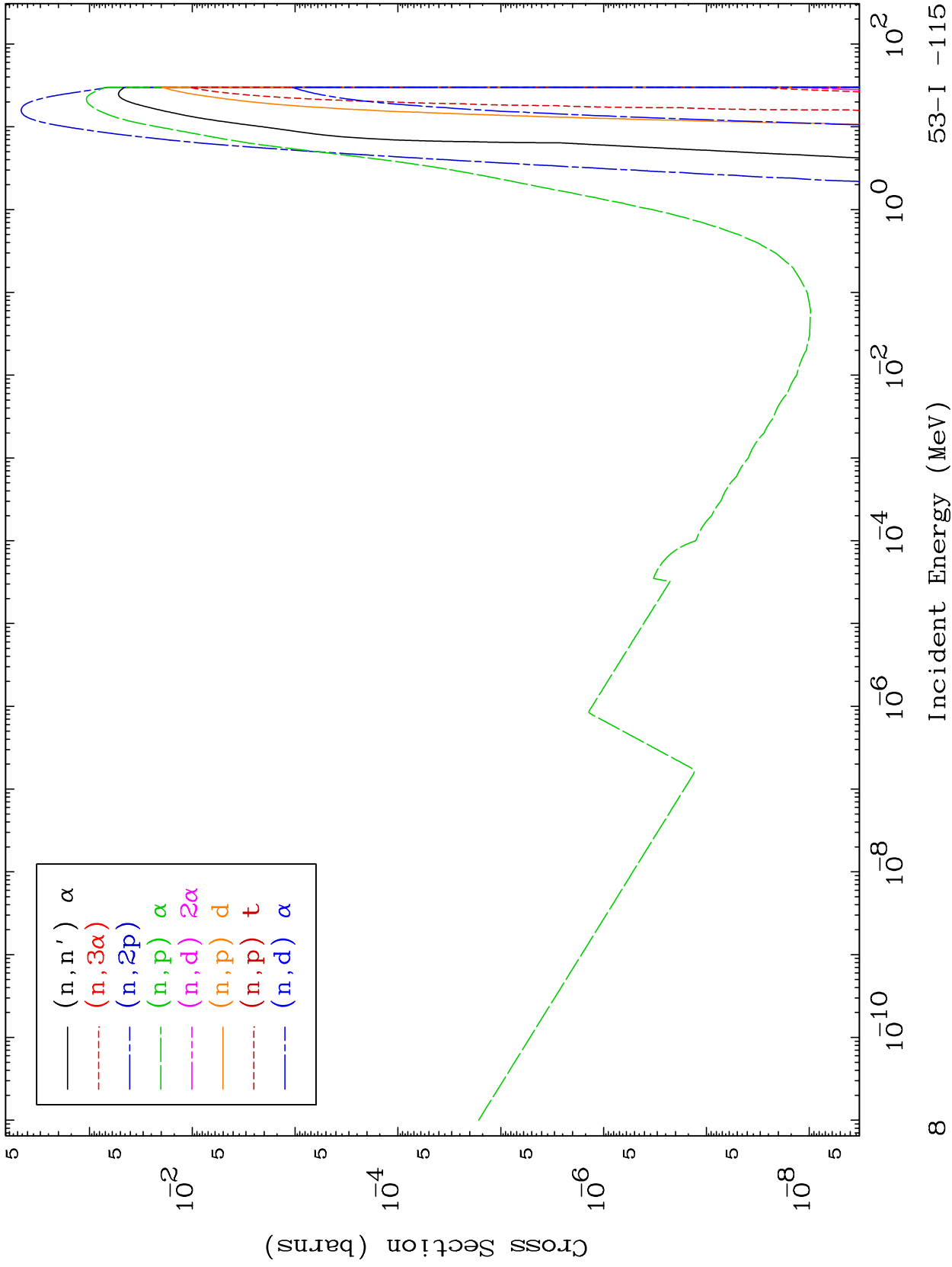
MAT 5289

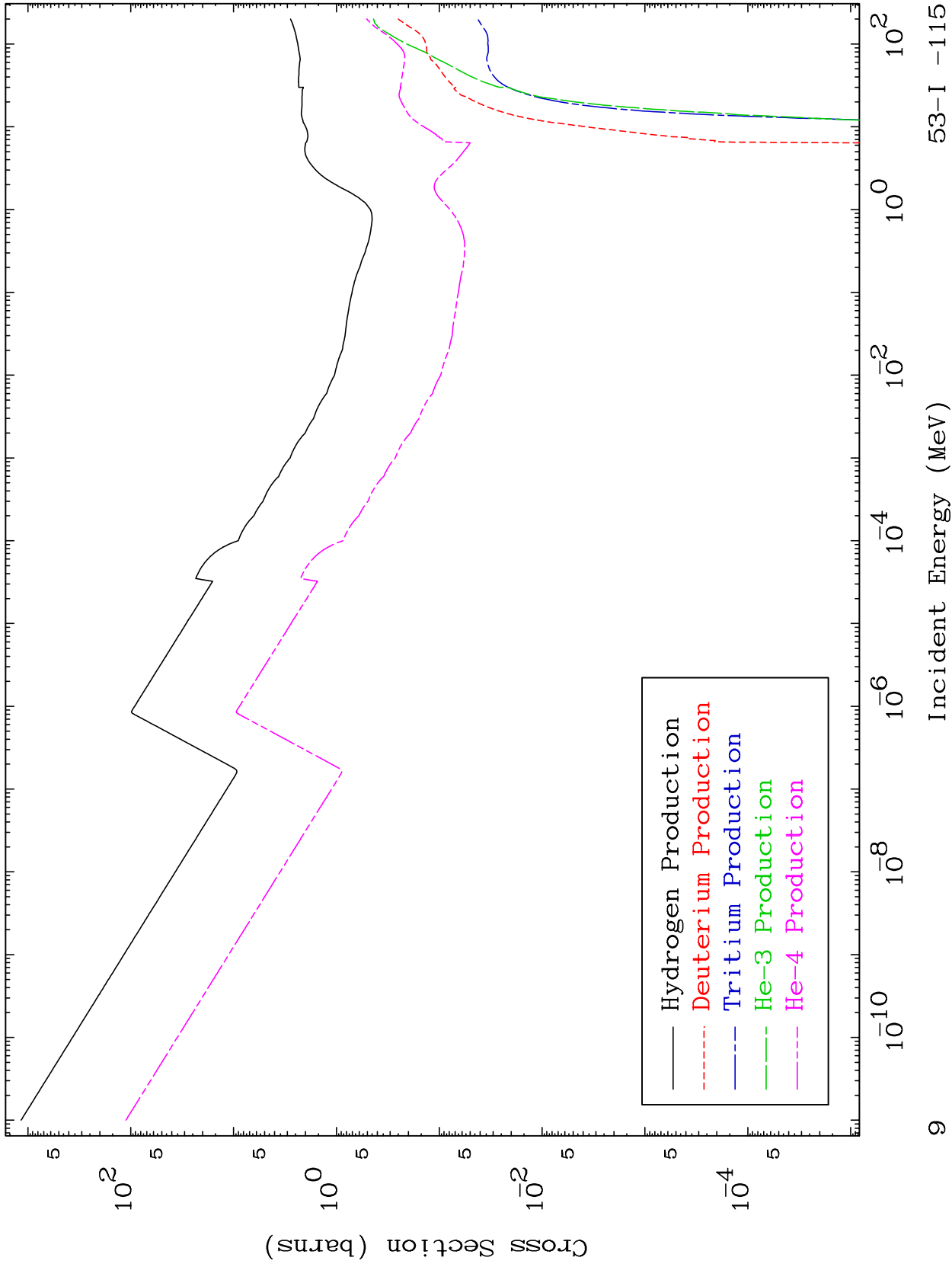
Charged Particle
293 Kelvin Cross Sections

53-I -115







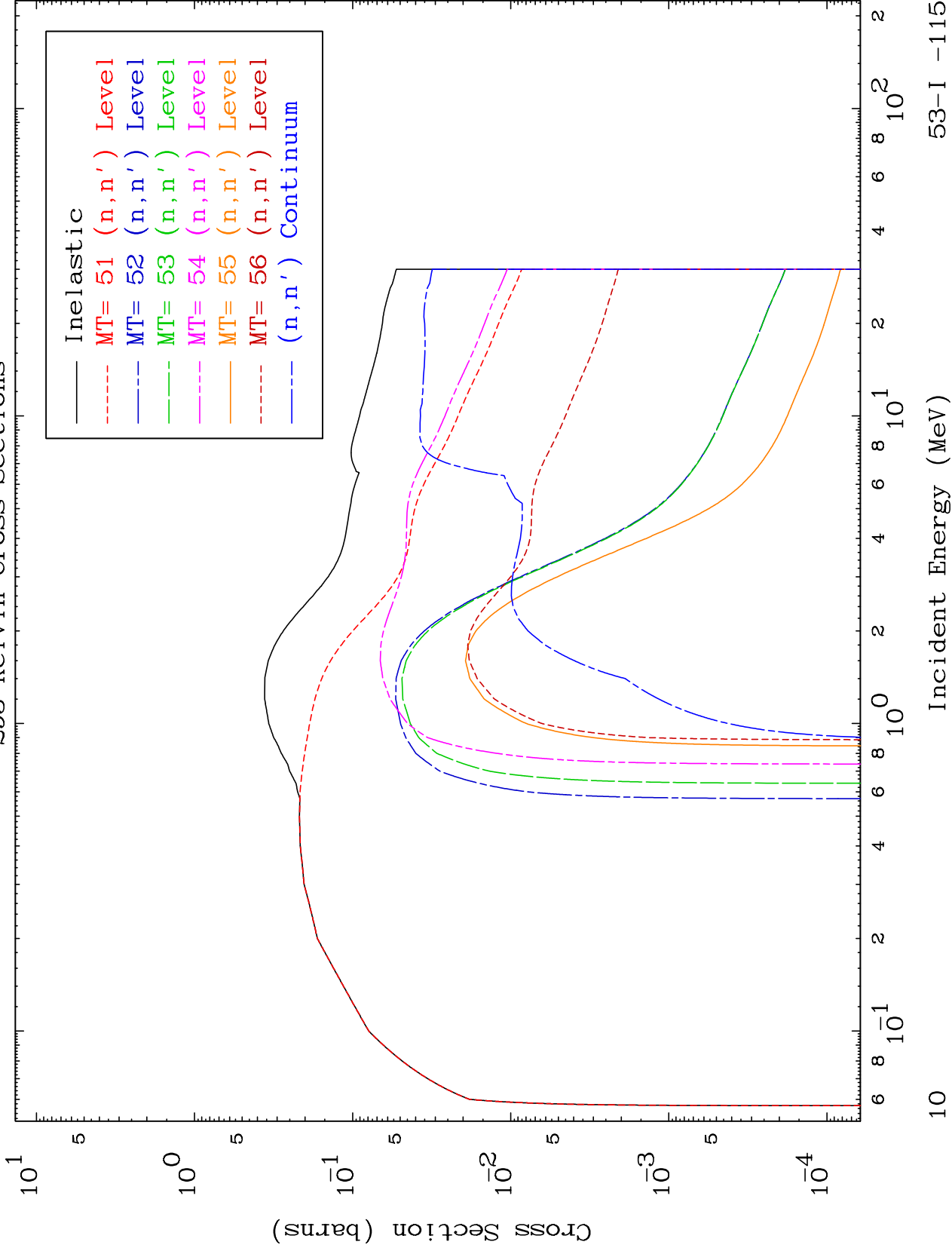


MAT 5289

(n,n') Levels

53-I -115

293 Kelvin Cross Sections



53-I -115

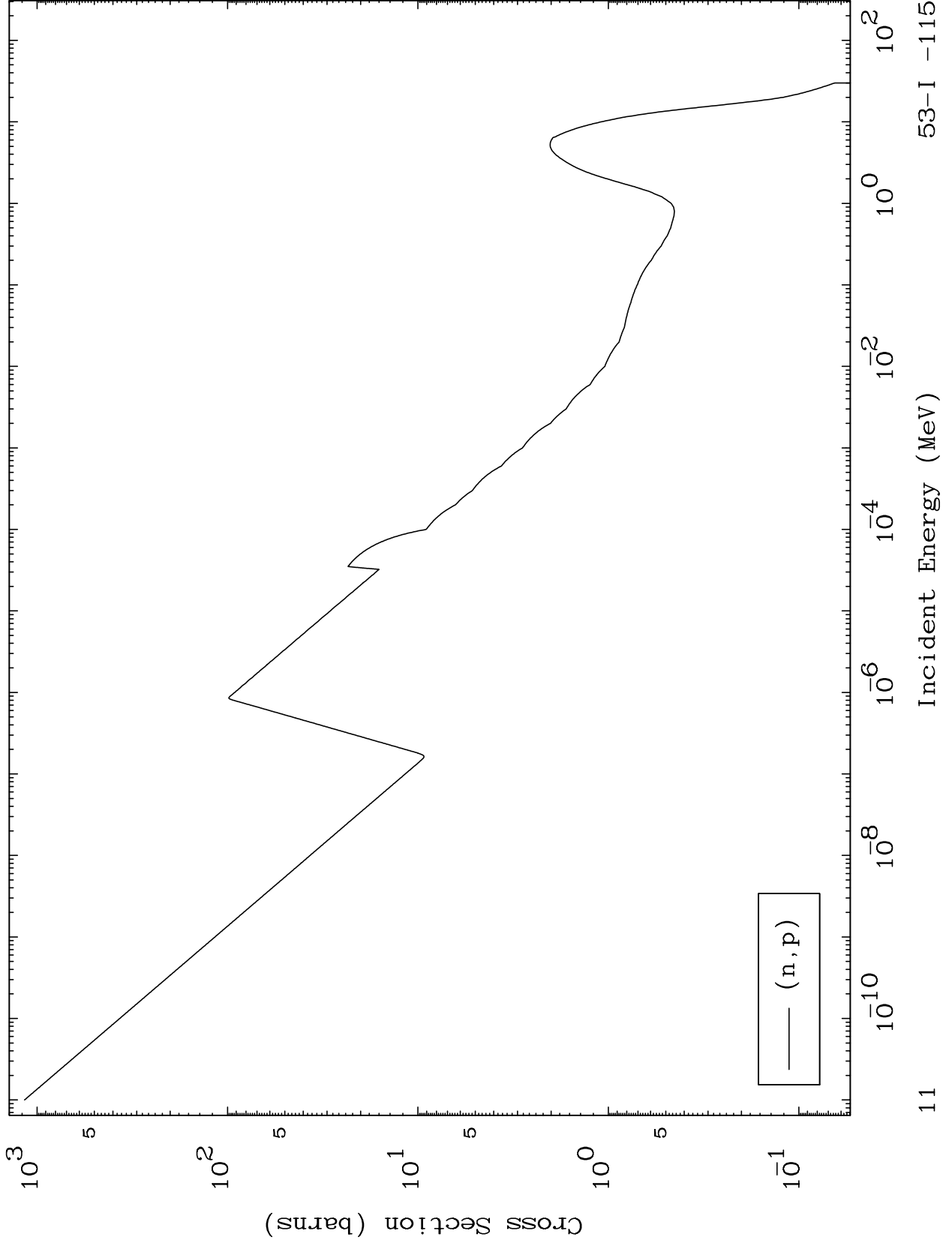
Incident Energy (MeV)

10

MAT 5289

(n,p) Levels
293 Kelvin Cross Sections

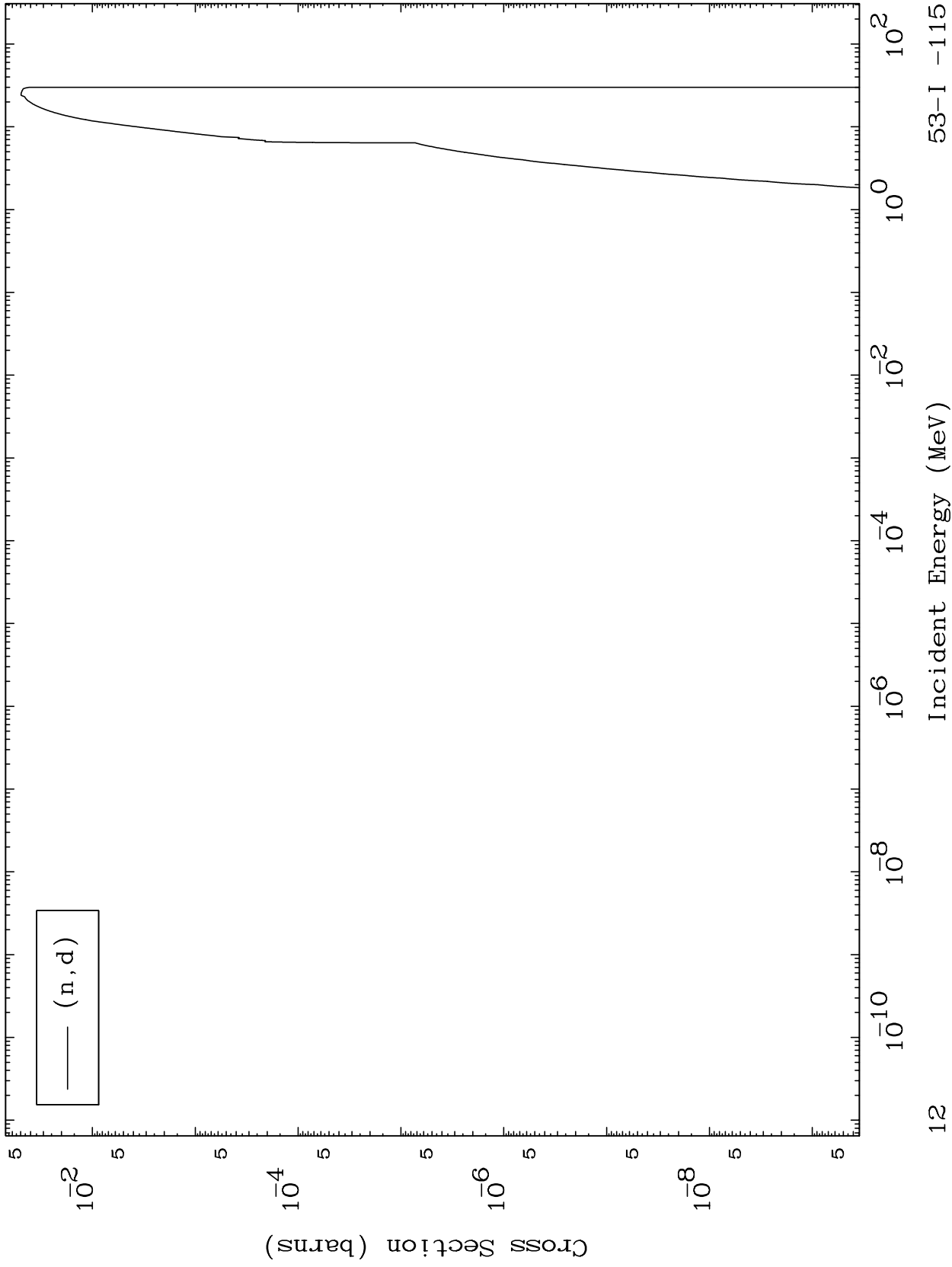
53-I -115



MAT 5289

(n,d) Levels
293 Kelvin Cross Sections

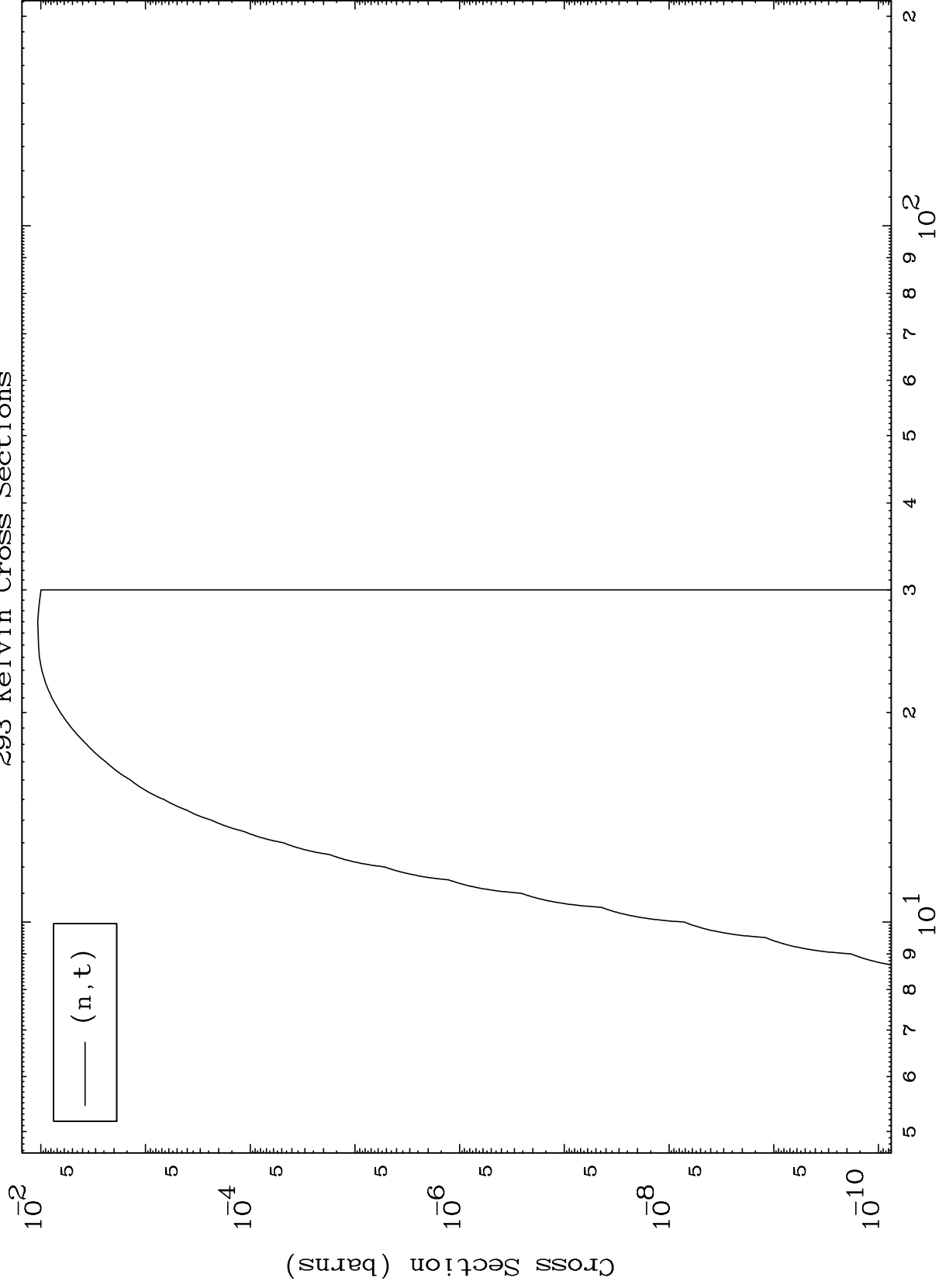
53-I -115



MAT 5289

(n,t) Levels
293 Kelvin Cross Sections

53-I -115



13

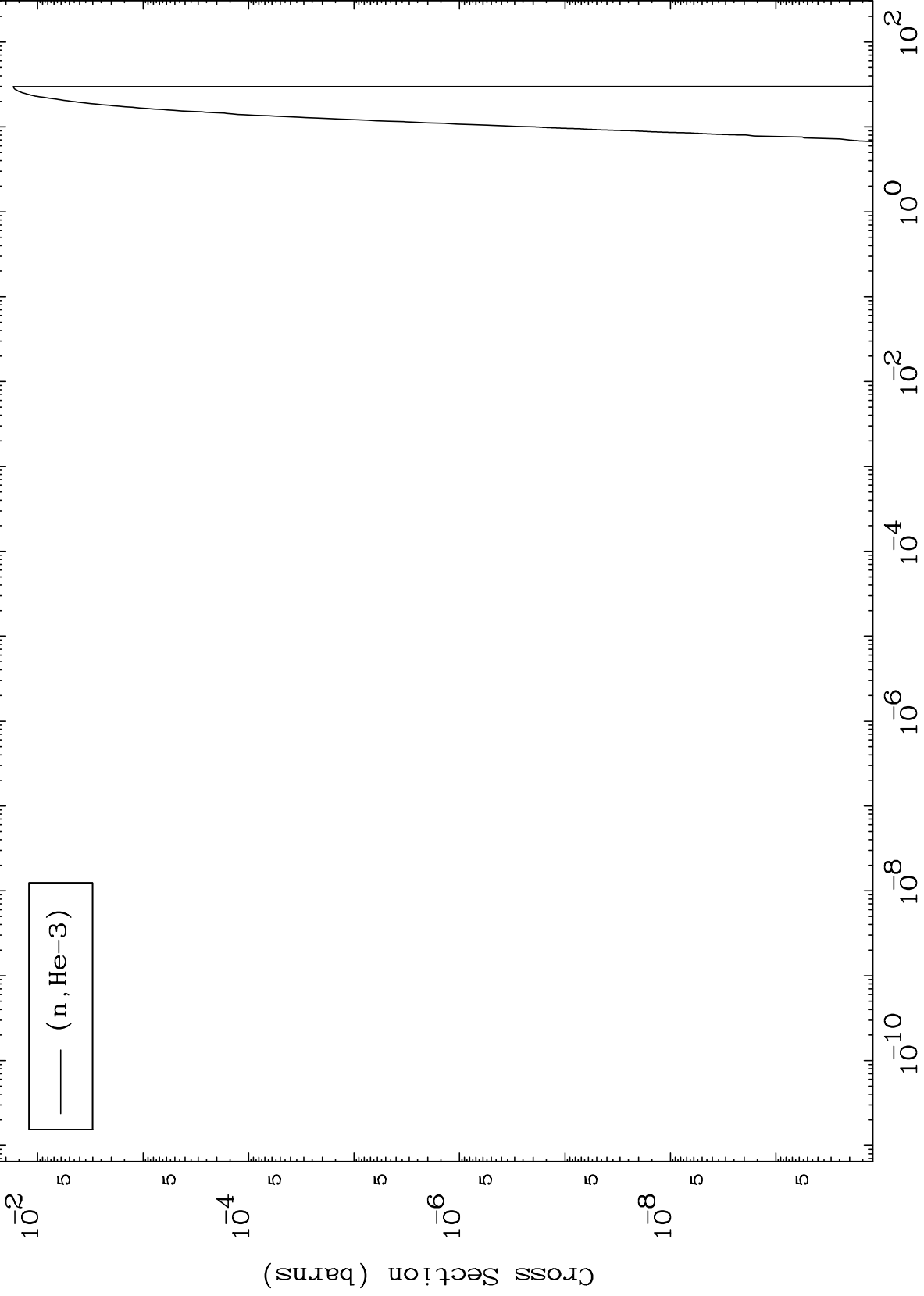
Incident Energy (MeV)

53-I -115

MAT 5289

(n,He3) Levels
293 Kelvin Cross Sections

53-I -115



14

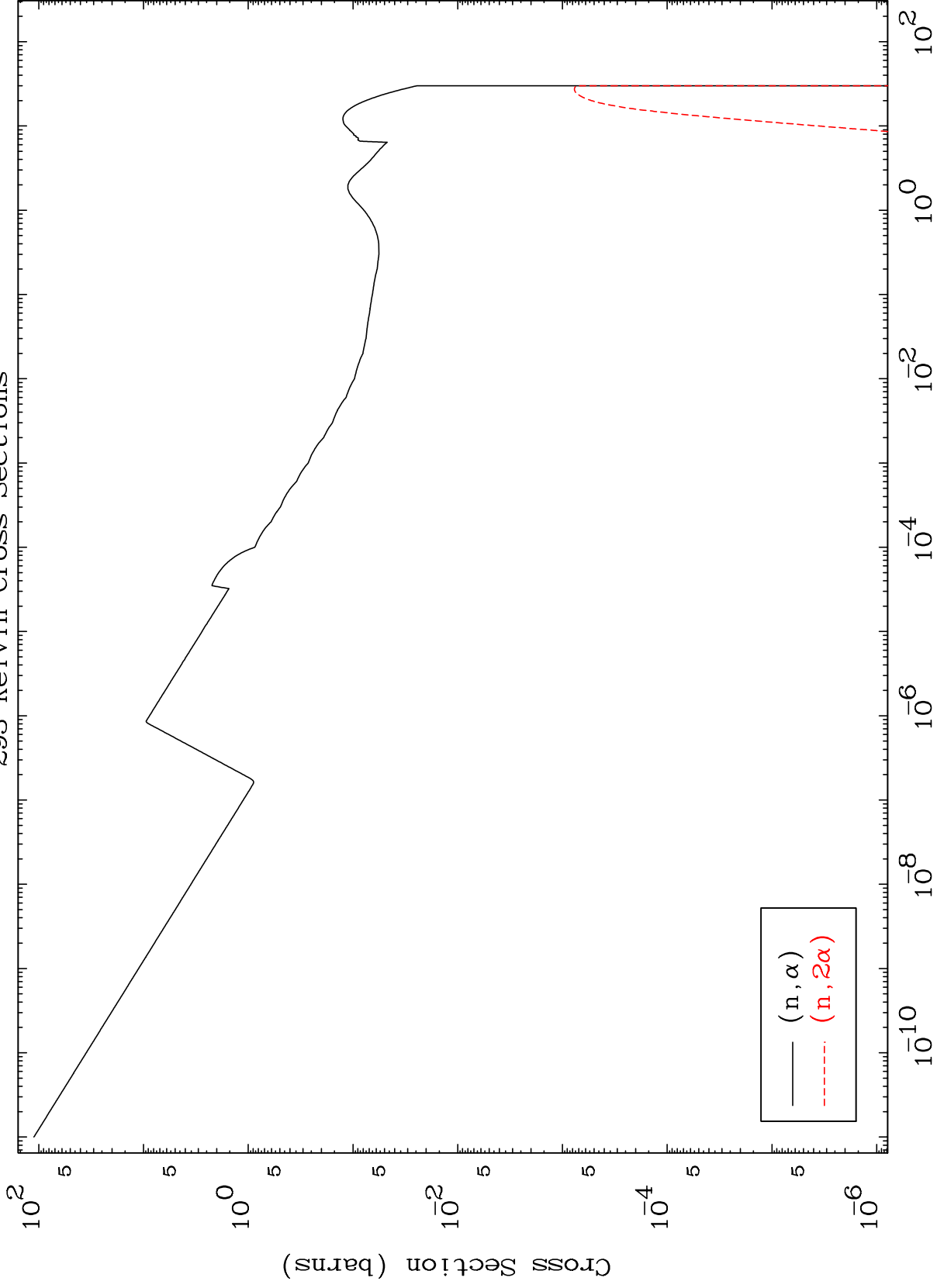
Incident Energy (MeV)

53-I -115

MAT 5289

(n,α) Levels
293 Kelvin Cross Sections

53-I -115



15

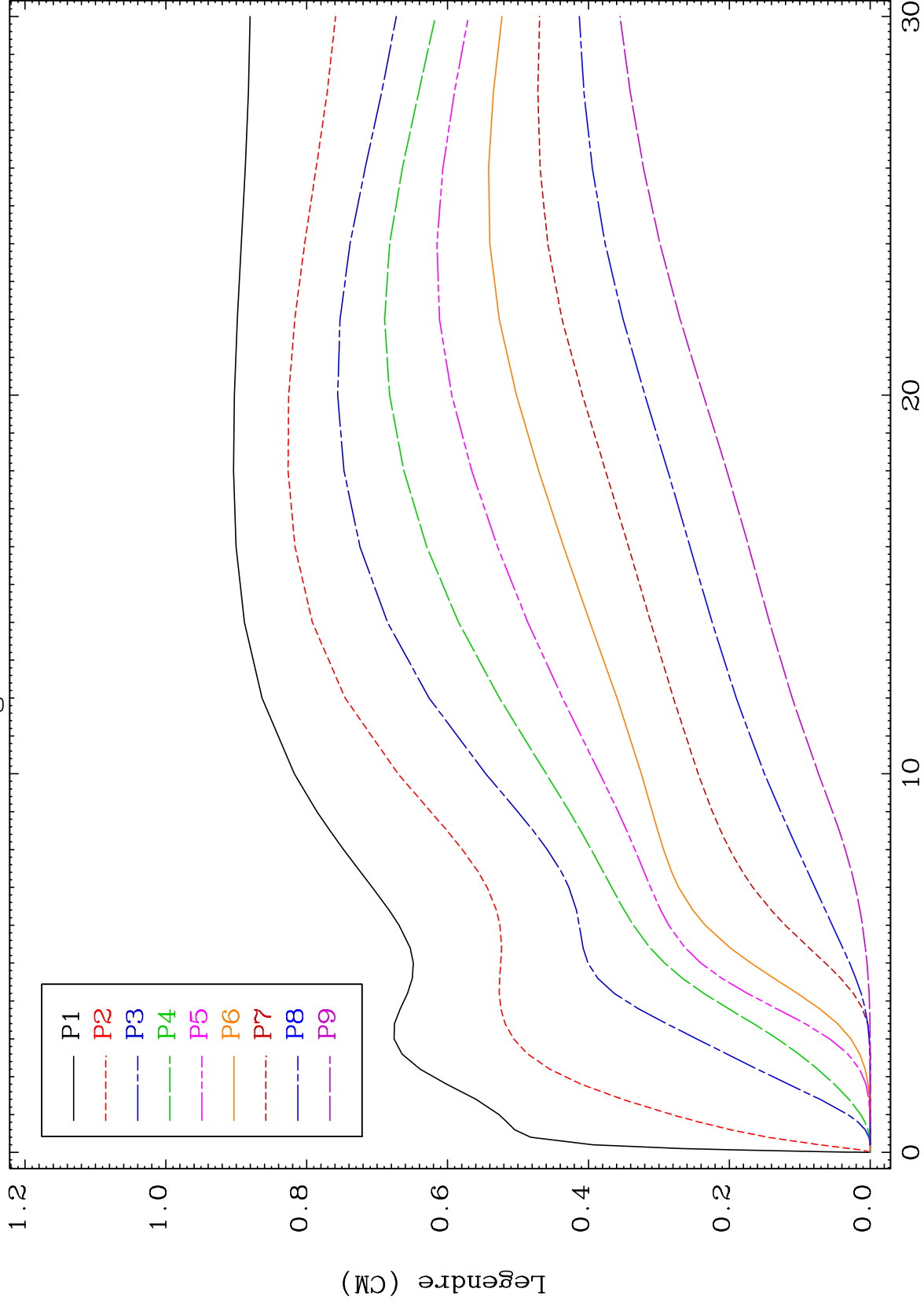
Incident Energy (MeV)

53-I -115

MAT 5289

Elastic Legendre Coefficients

53-I -115



16

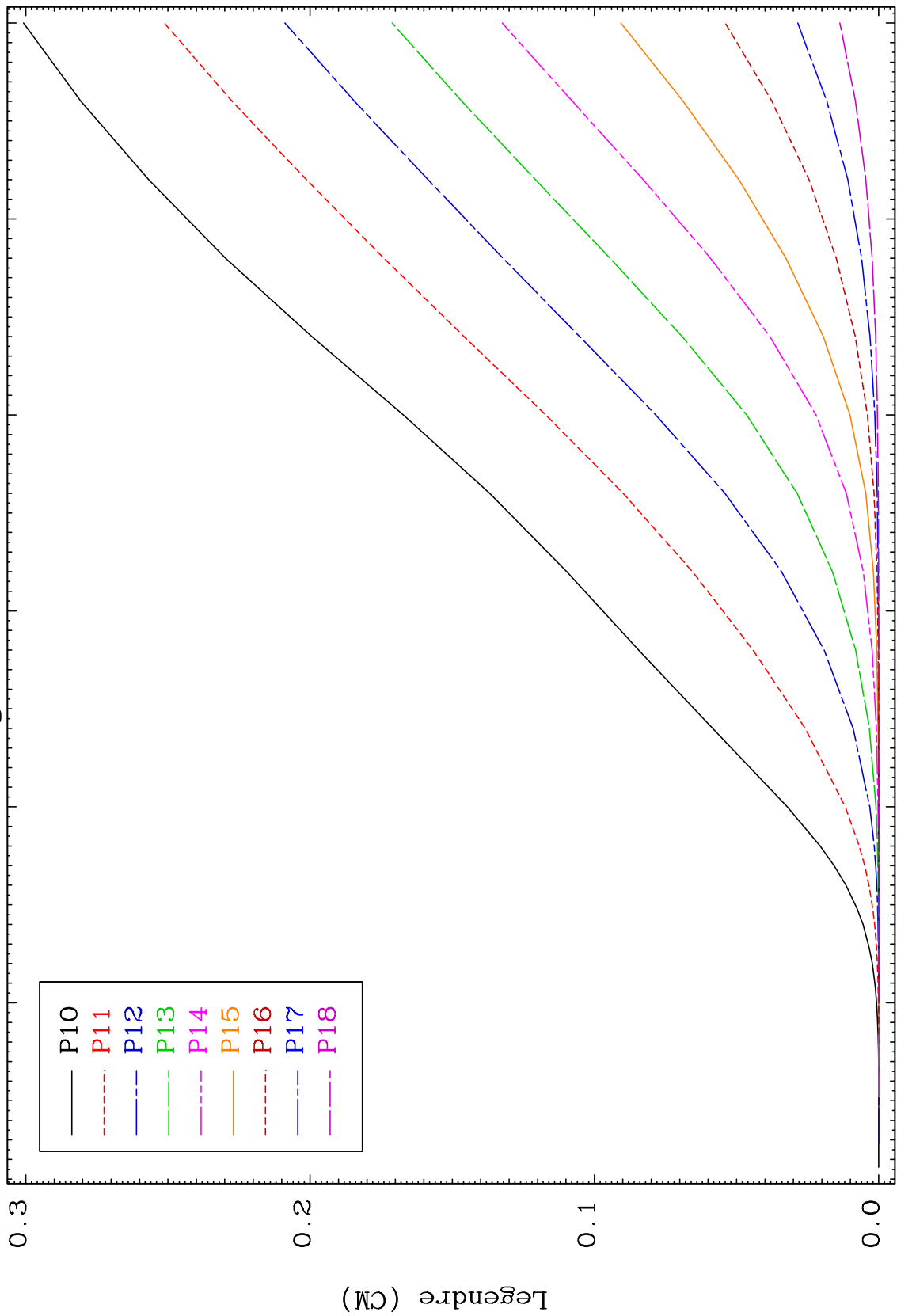
Incident Energy (MeV)

53-I -115

MAT 5289

Elastic Legendre Coefficients

53-I -115



17

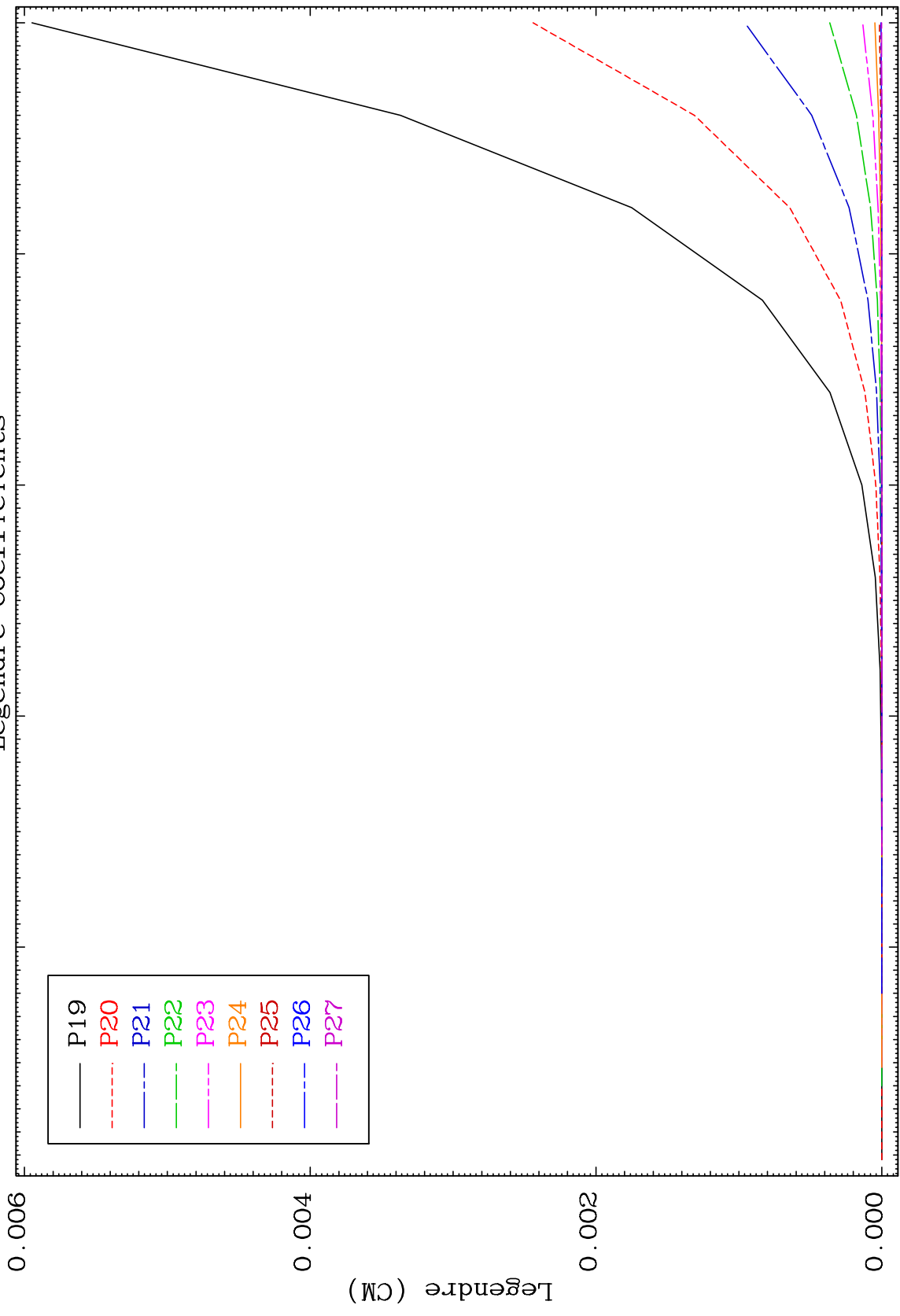
Incident Energy (MeV)

53-I -115

MAT 5289

Elastic Legendre Coefficients

53-I -115



18

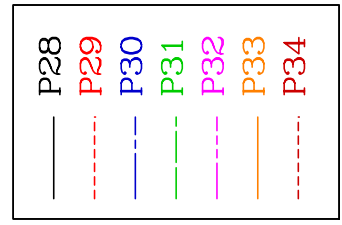
Incident Energy (MeV)

53-I -115

MAT 5289

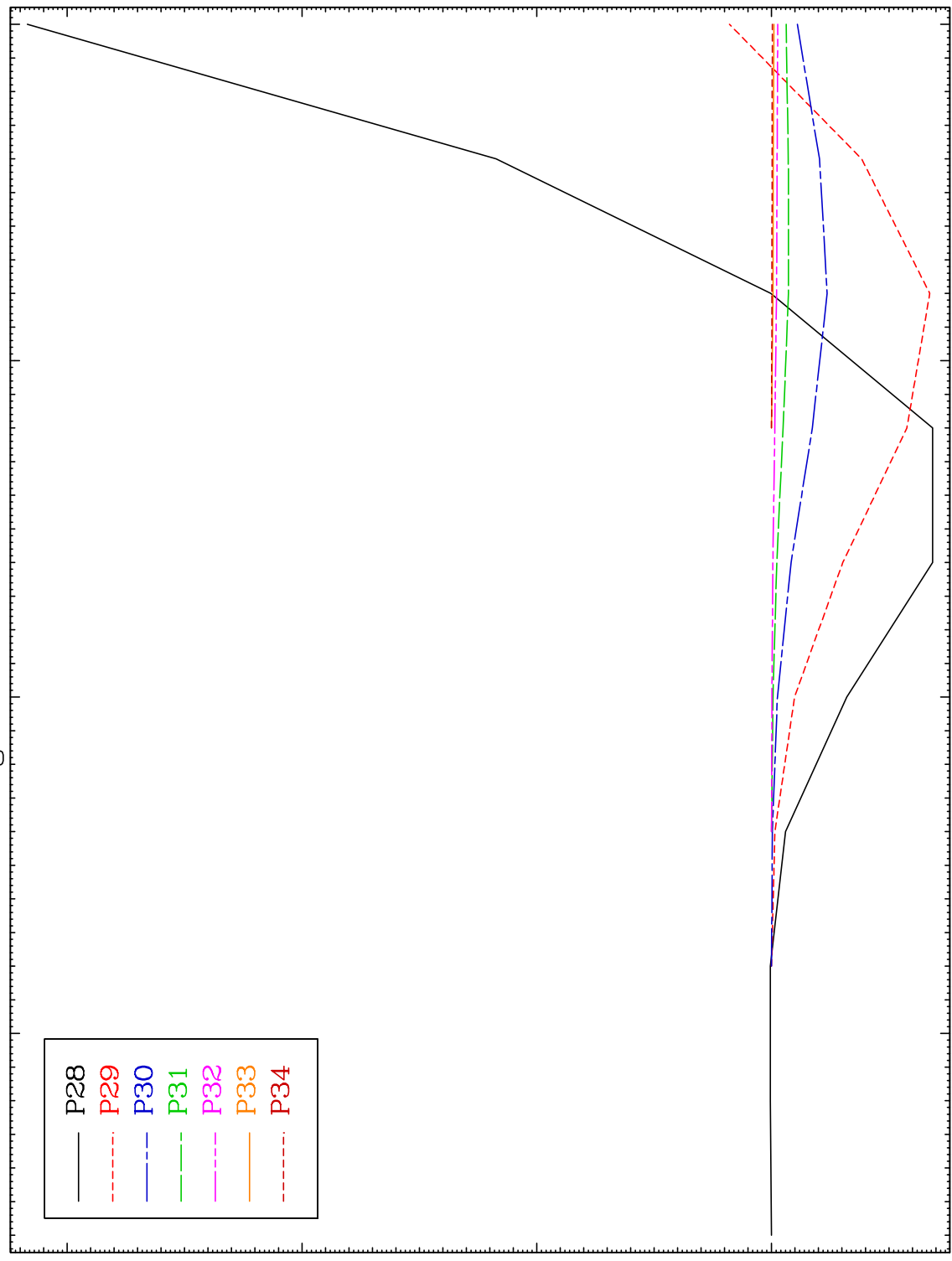
Elastic Legendre Coefficients

53-I -115



$\times 10^{-3}$

Legendre (CM)



15

20

25

30

19

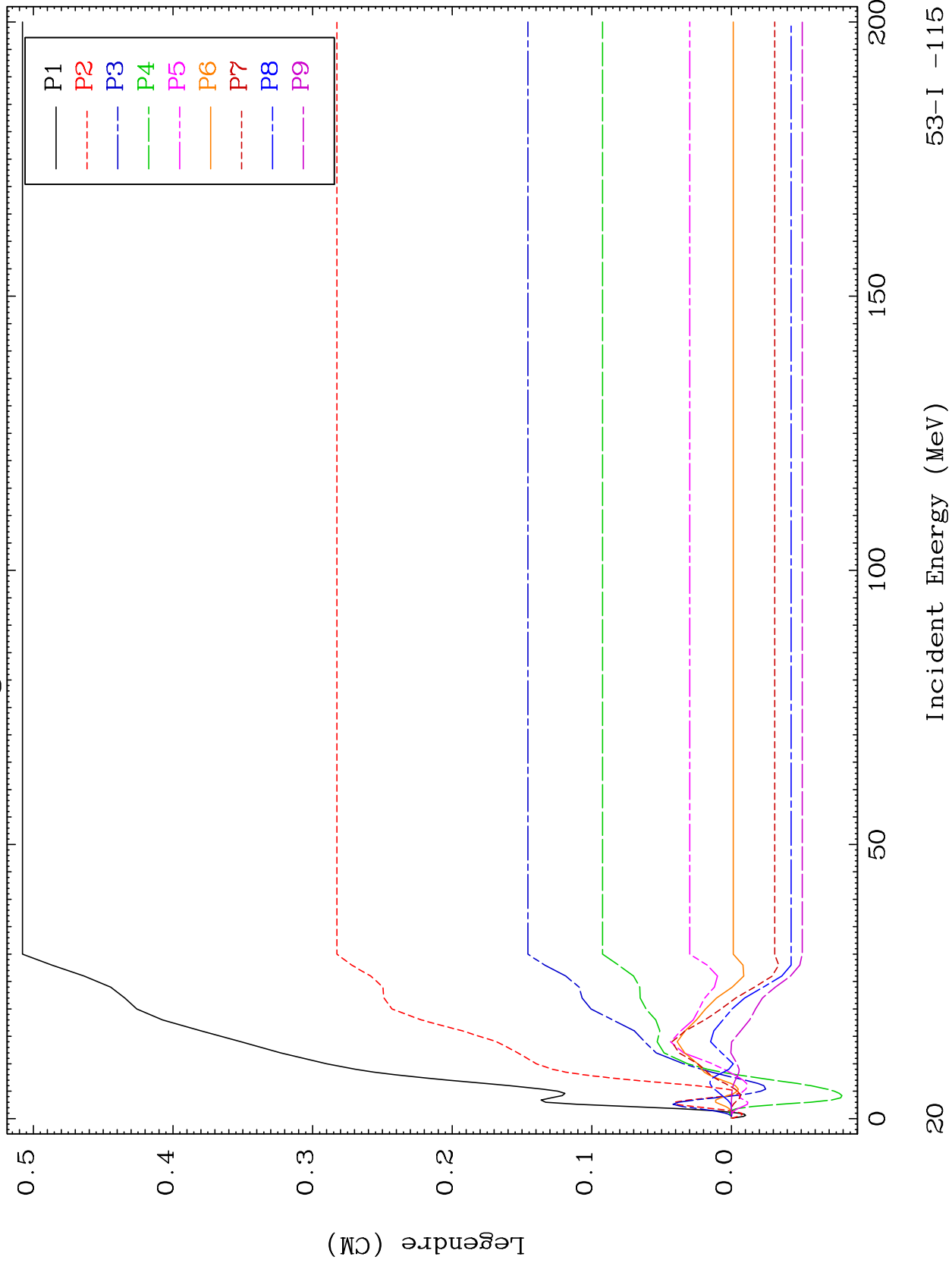
Incident Energy (MeV)

53-I -115

MAT 5289

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

53-I -115



53-I -115

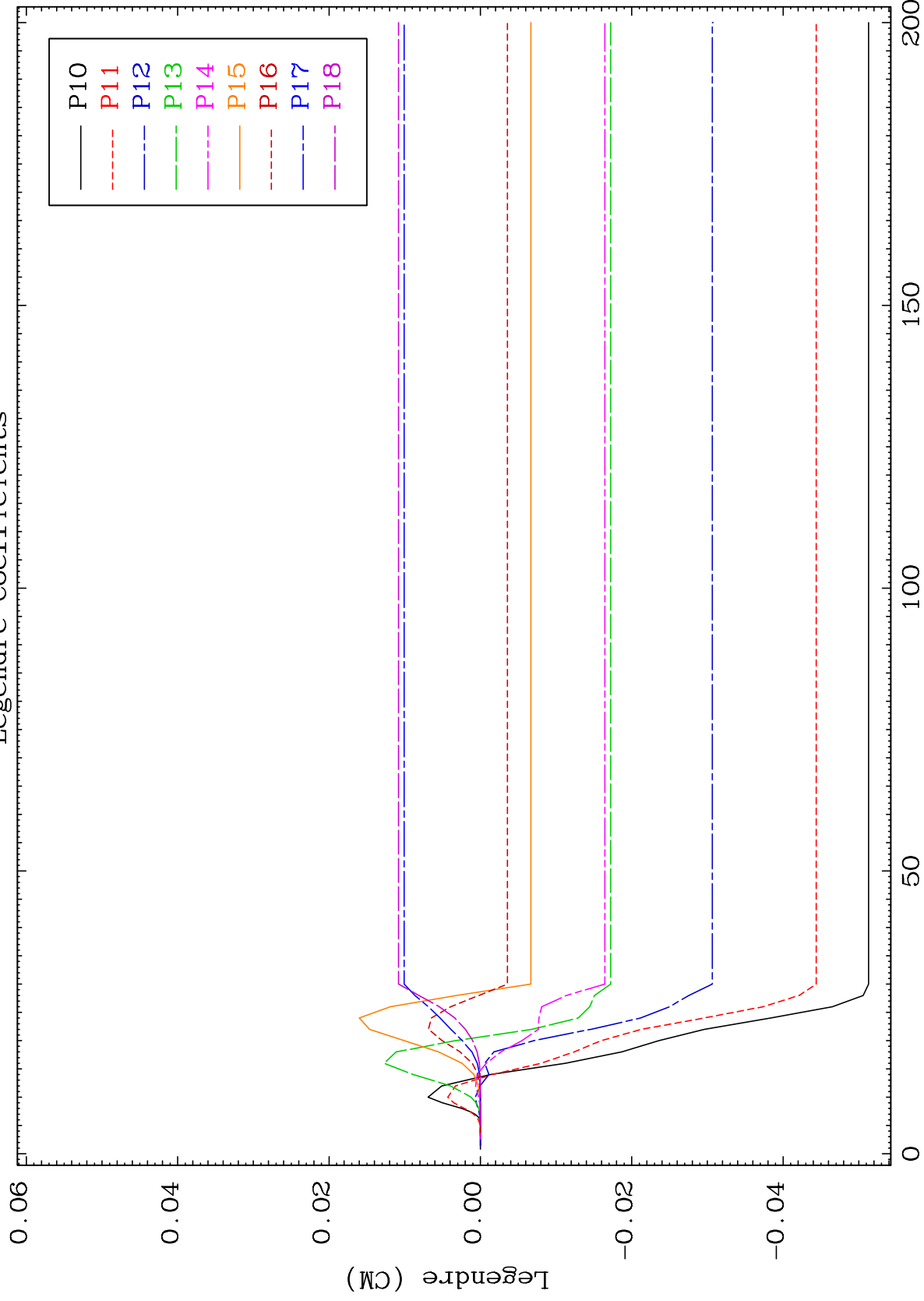
Incident Energy (MeV)

20

MAT 5289

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

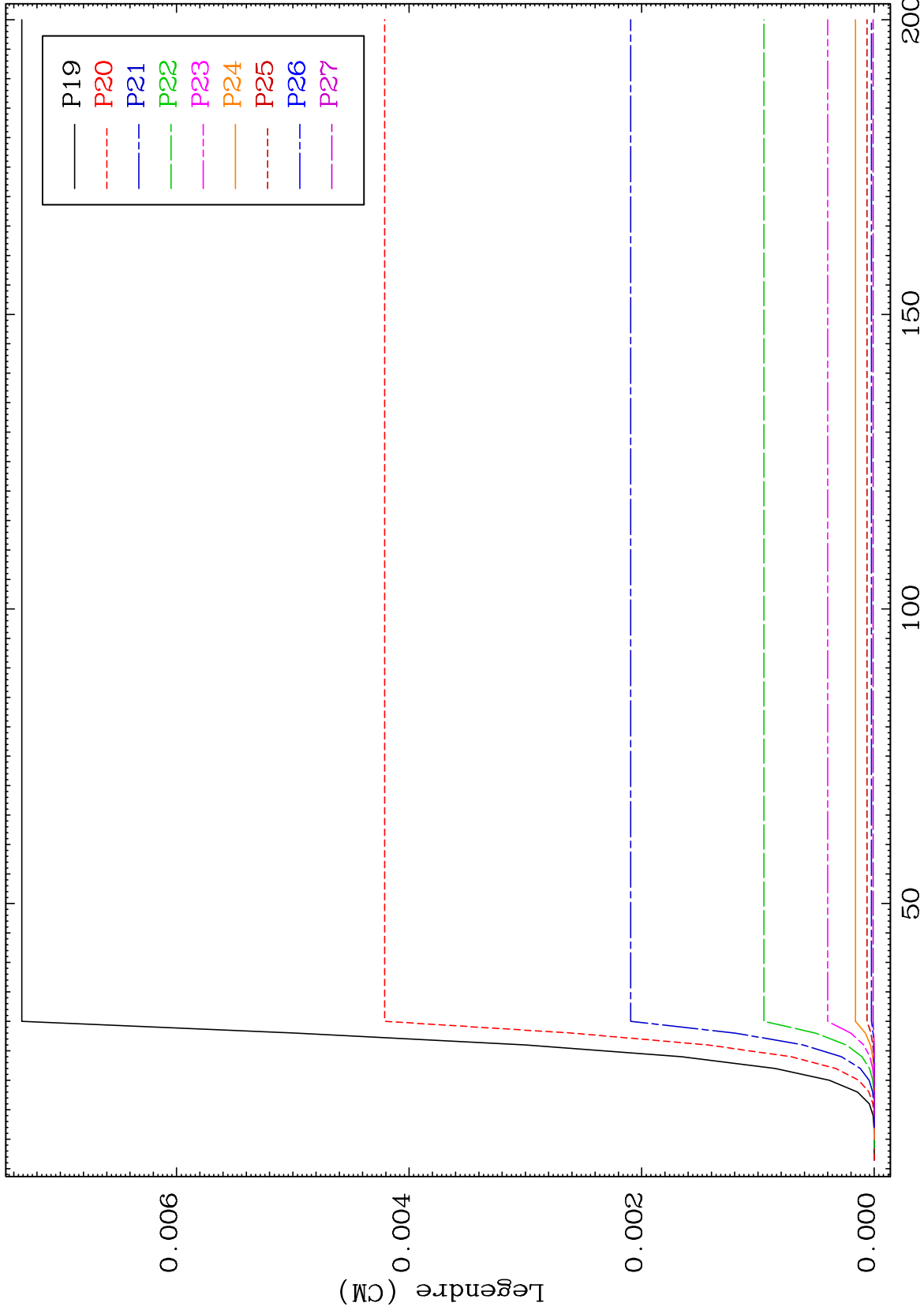
53-I -115



21

Incident Energy (MeV)

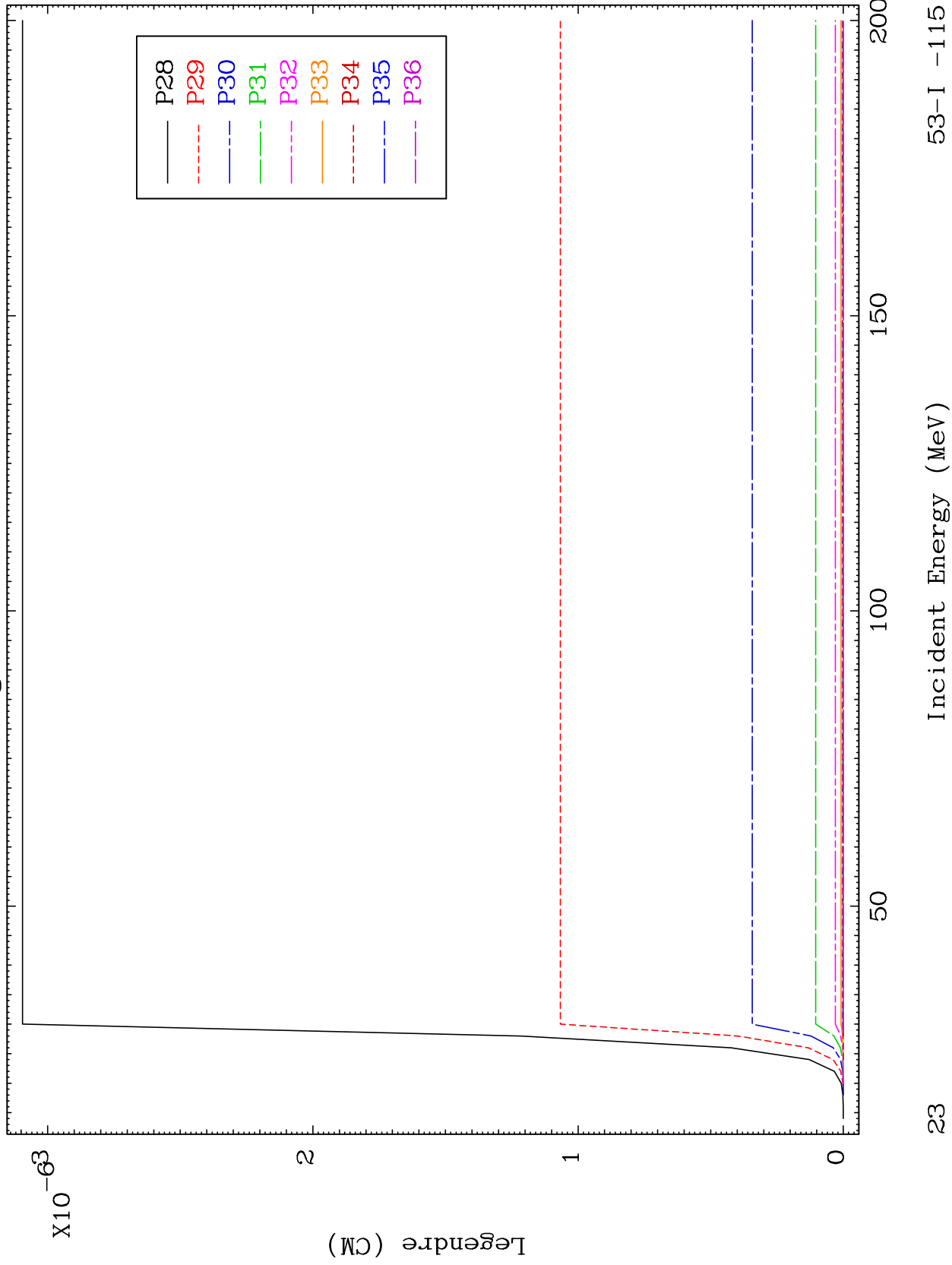
53-I -115



MAT 5289

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

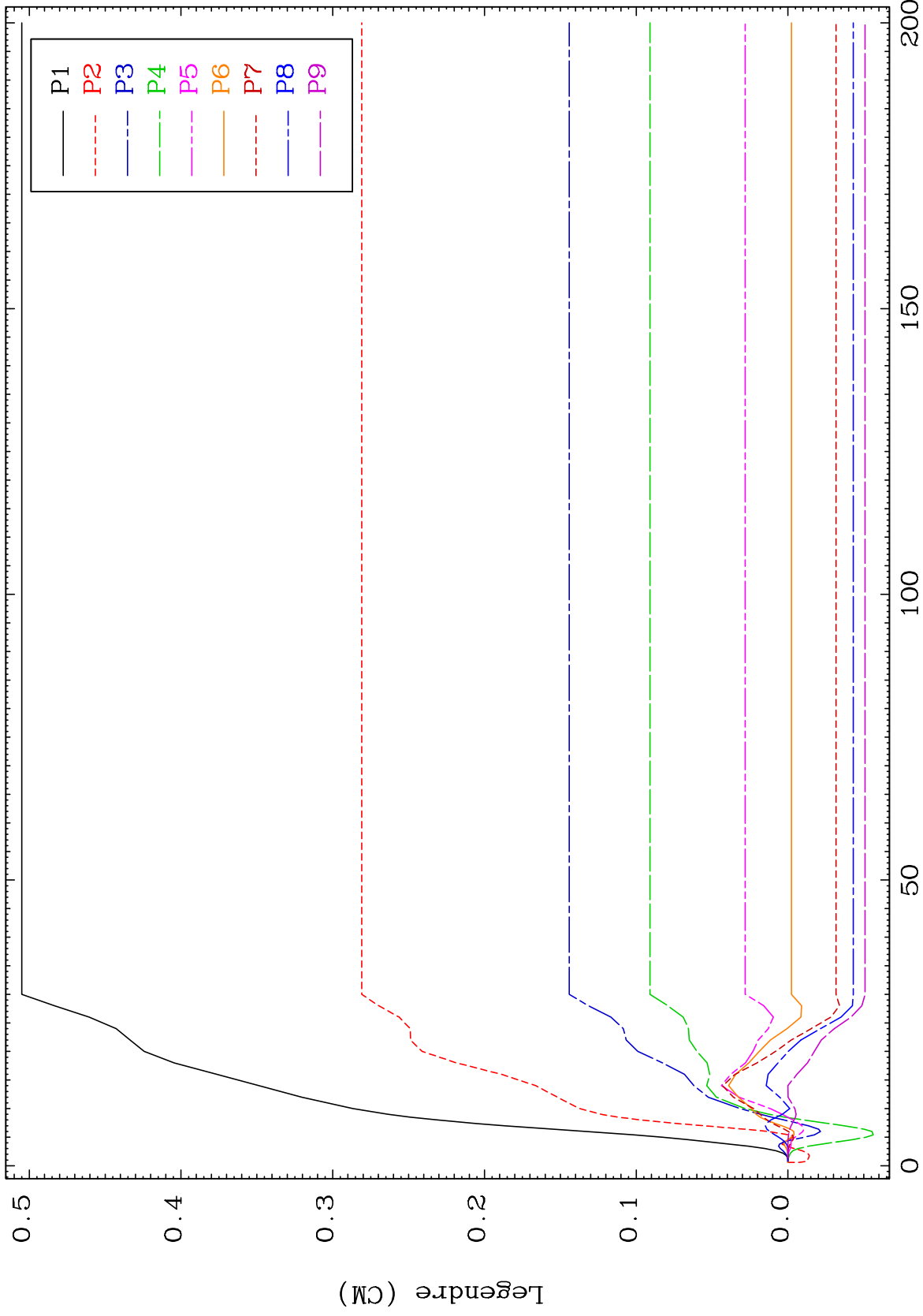
53-I -115



MAT 5289

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

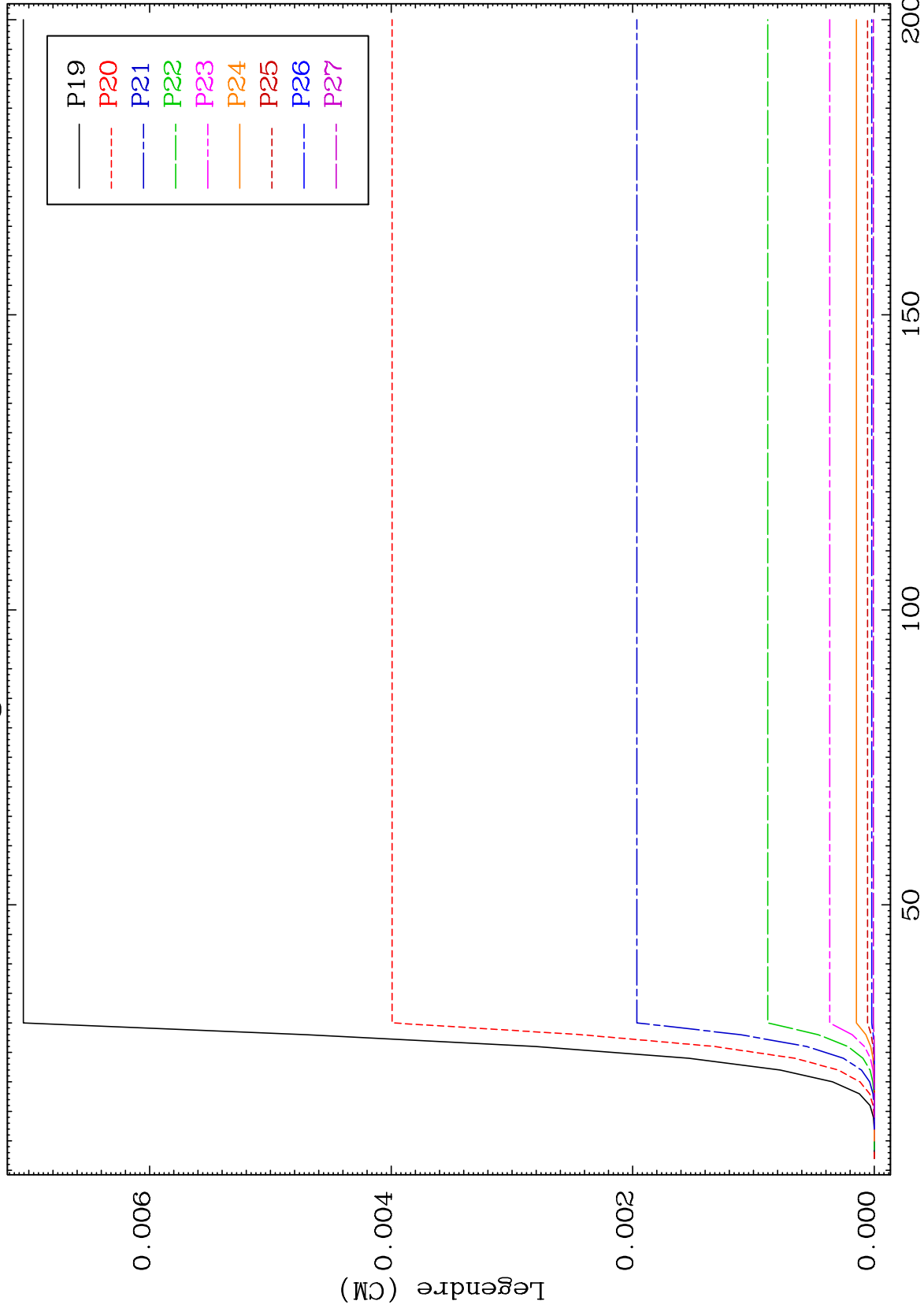
53-I -115

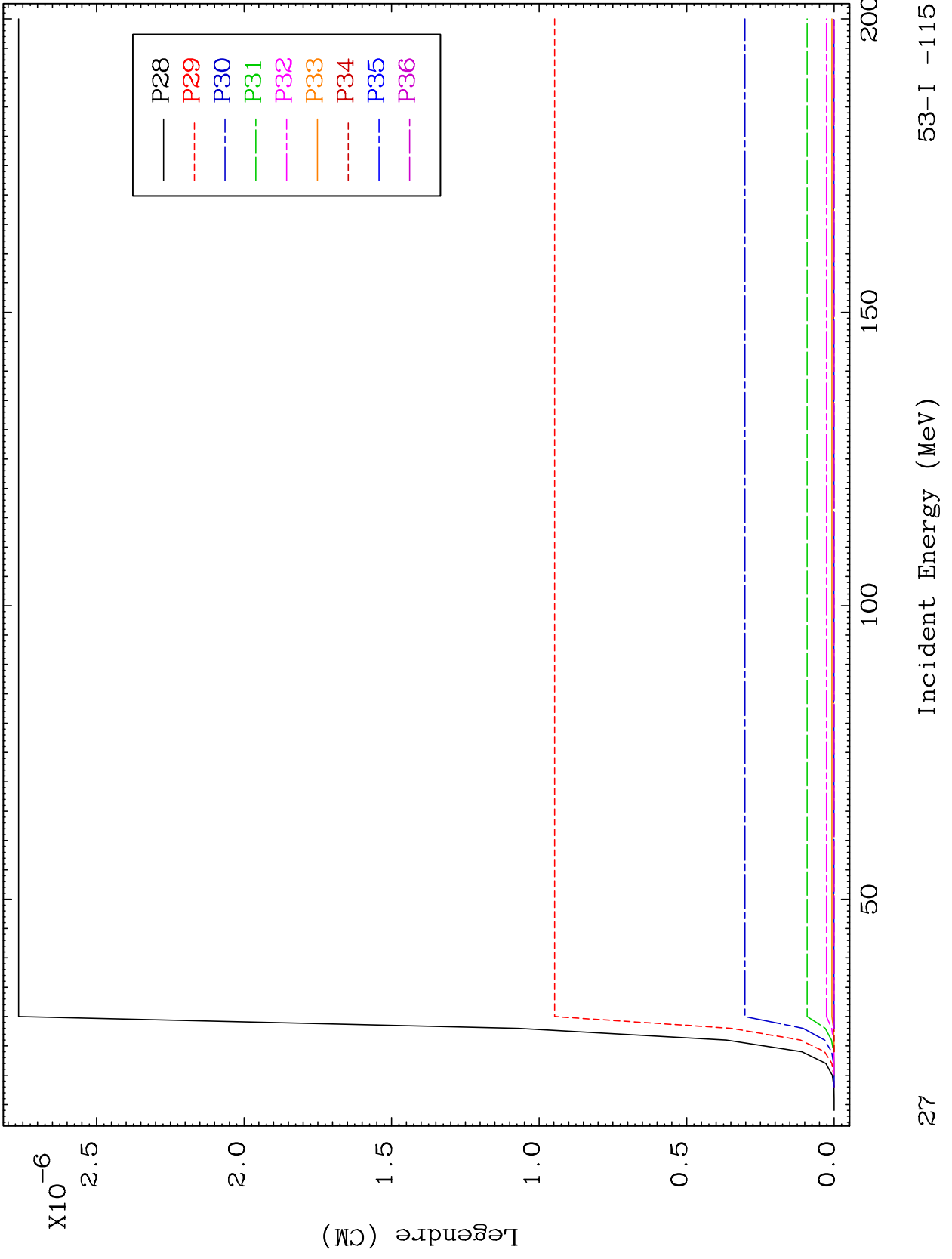


24

Incident Energy (MeV)

53-I -115

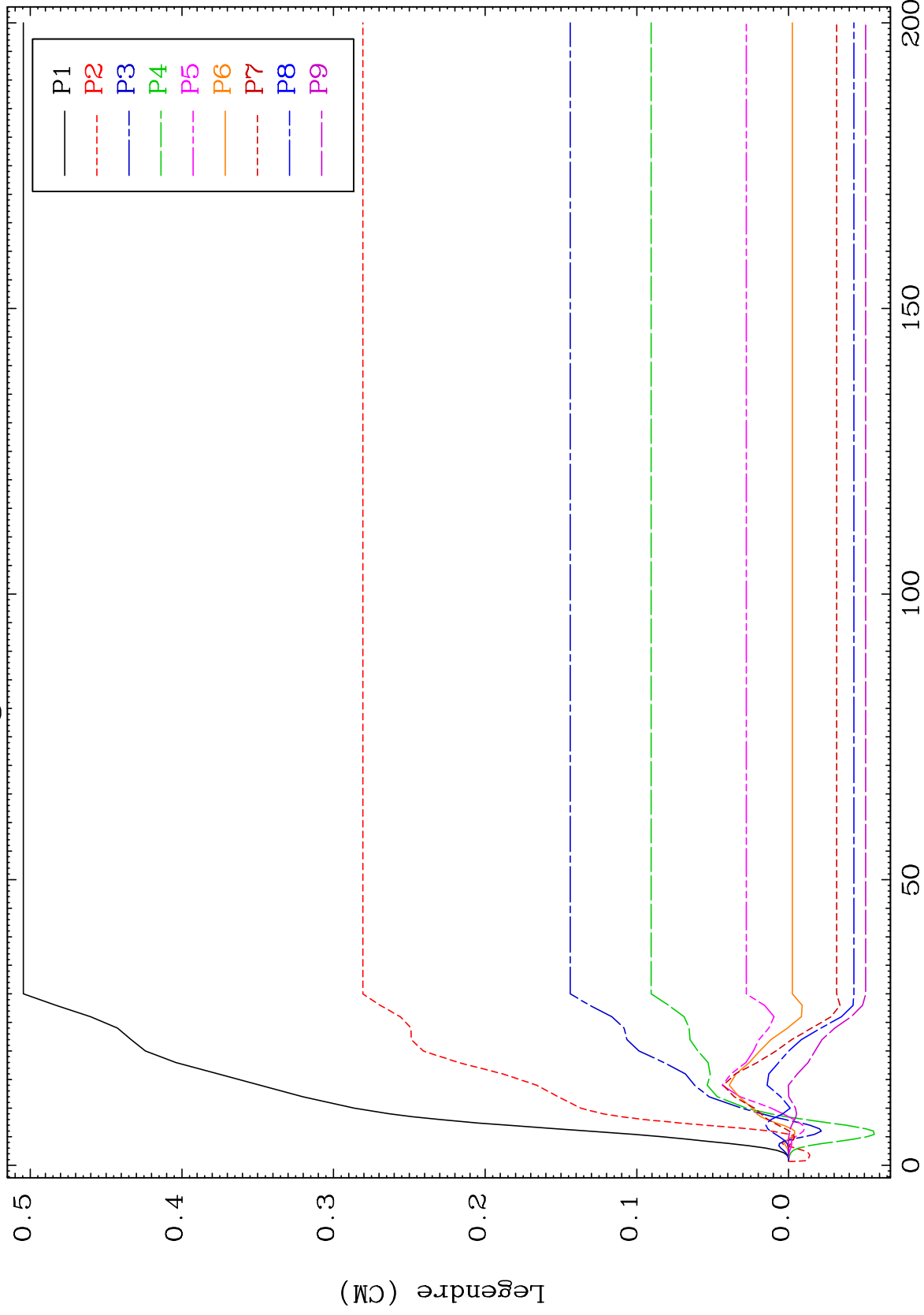




MAT 5289

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

53-I -115



28

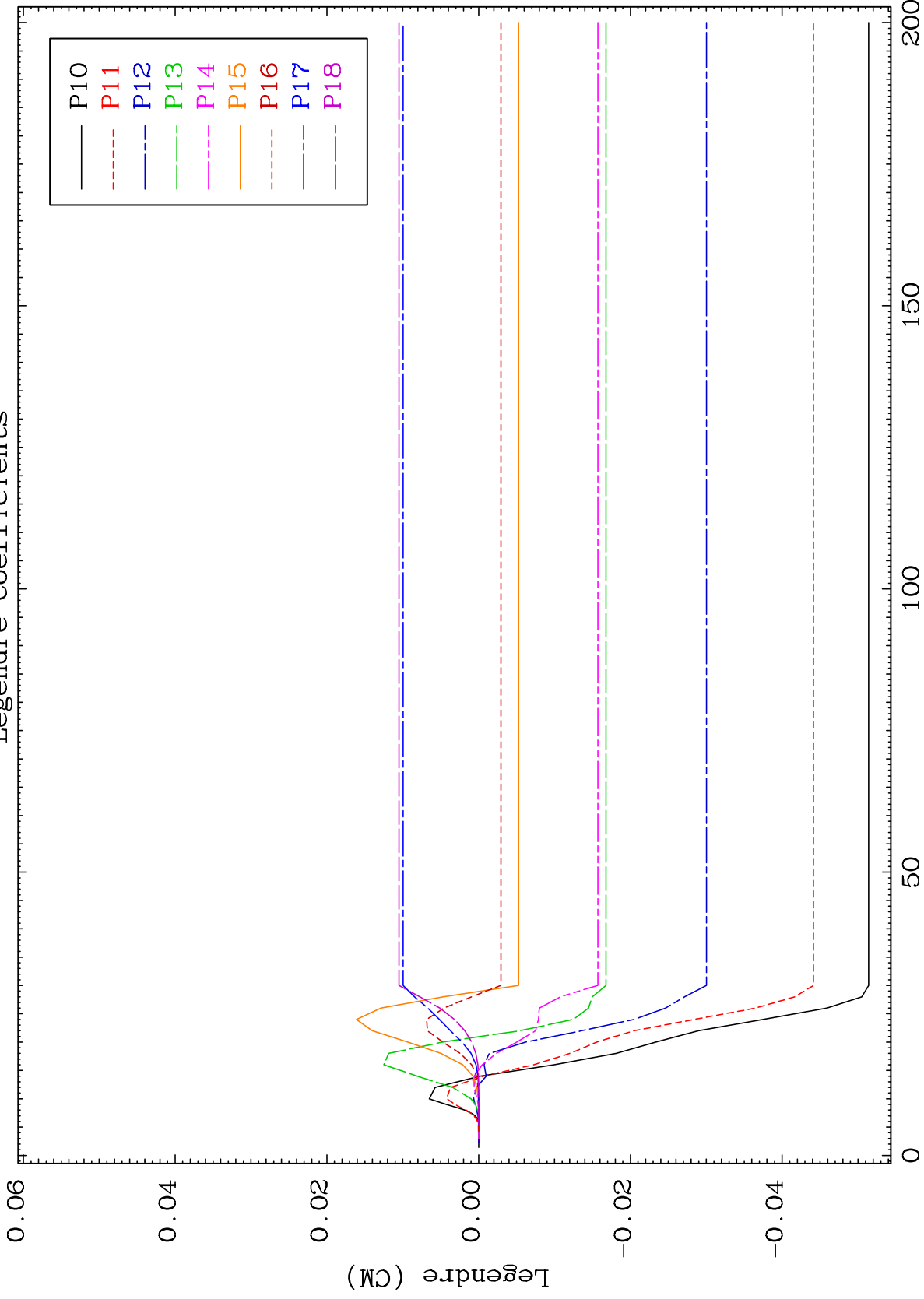
Incident Energy (MeV)

53-I -115

MAT 5289

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

53-I -115



29

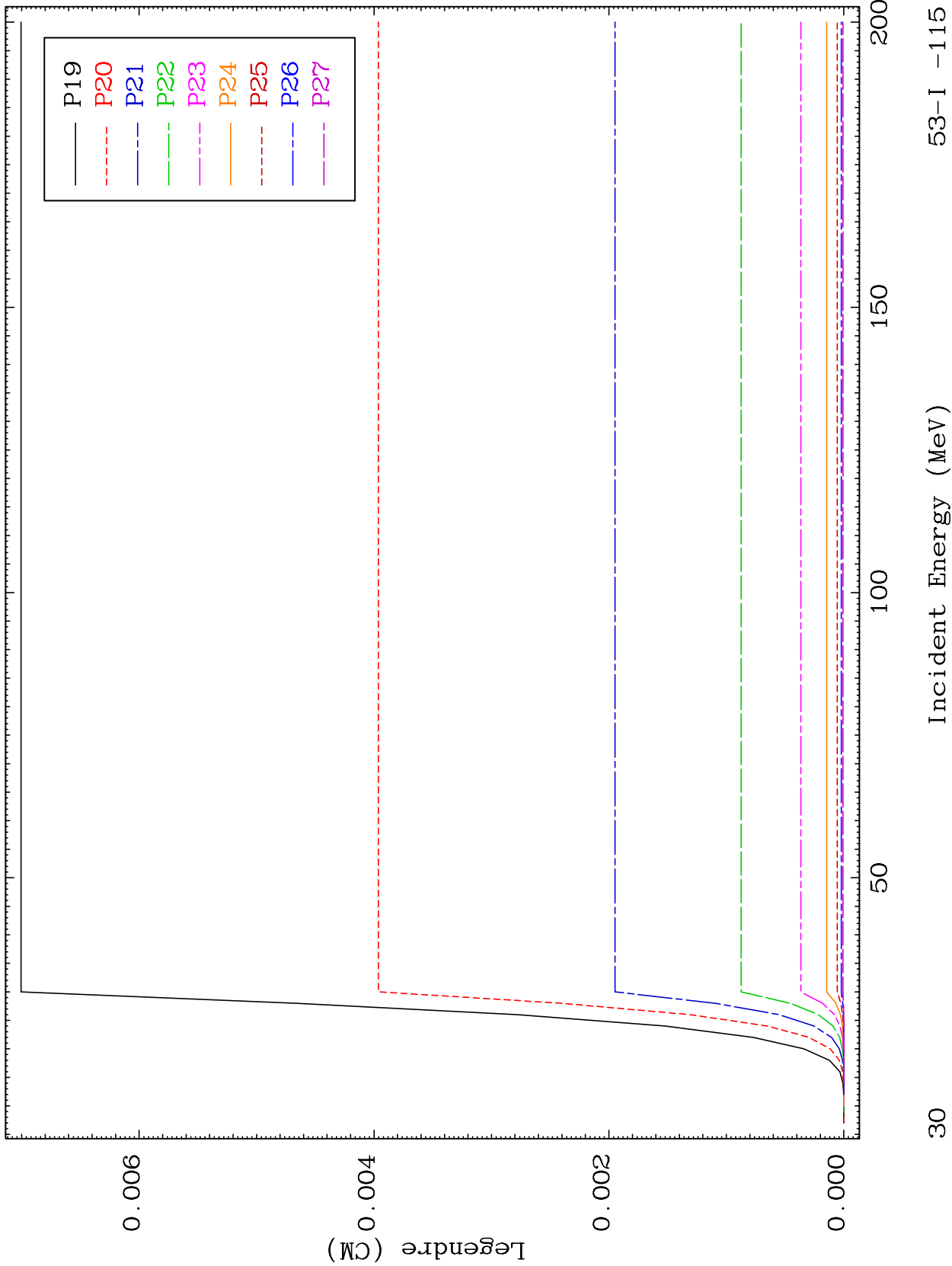
Incident Energy (MeV)

53-I -115

MAT 5289

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

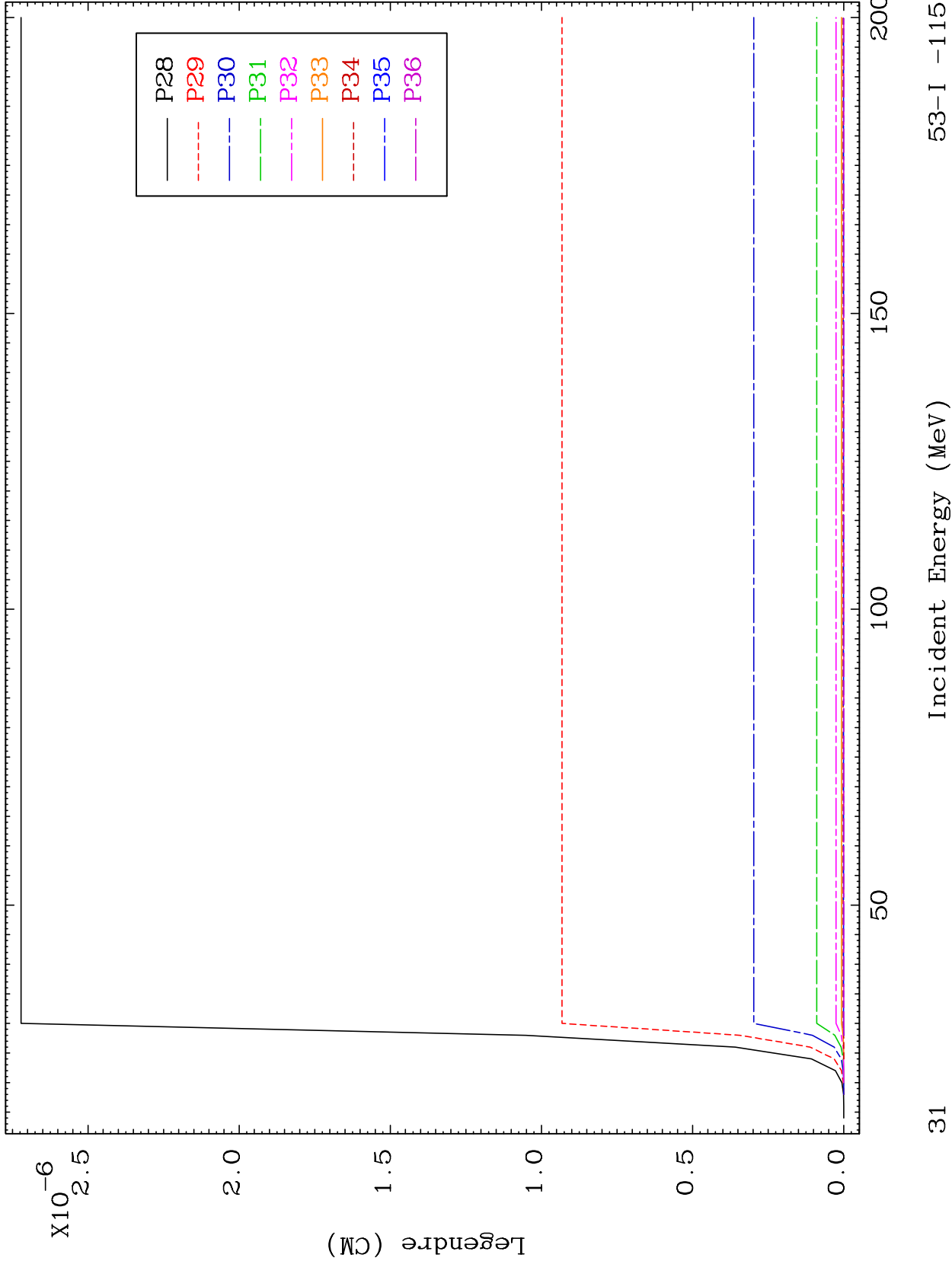
53-I -115



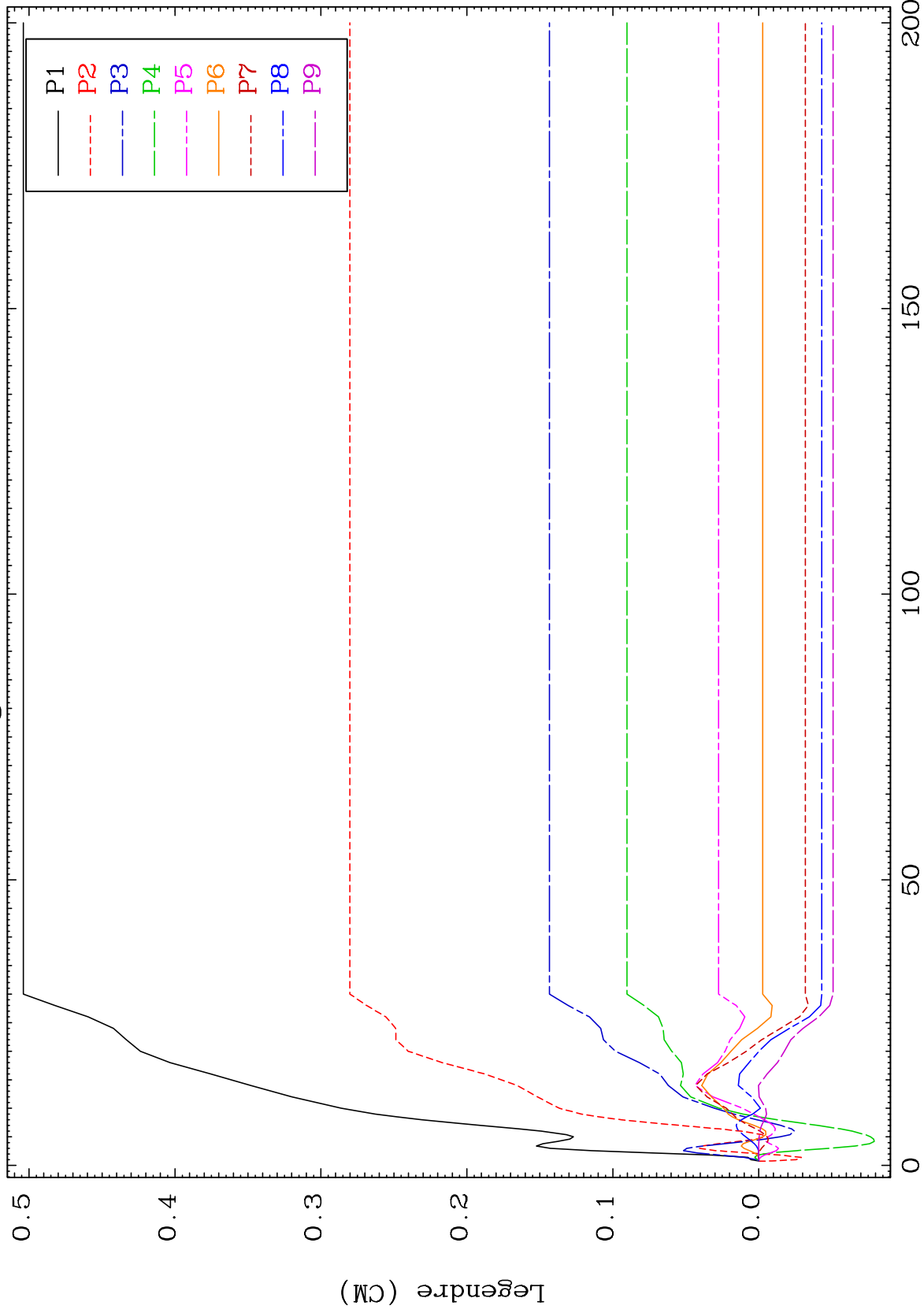
30

Incident Energy (MeV)

53-I -115



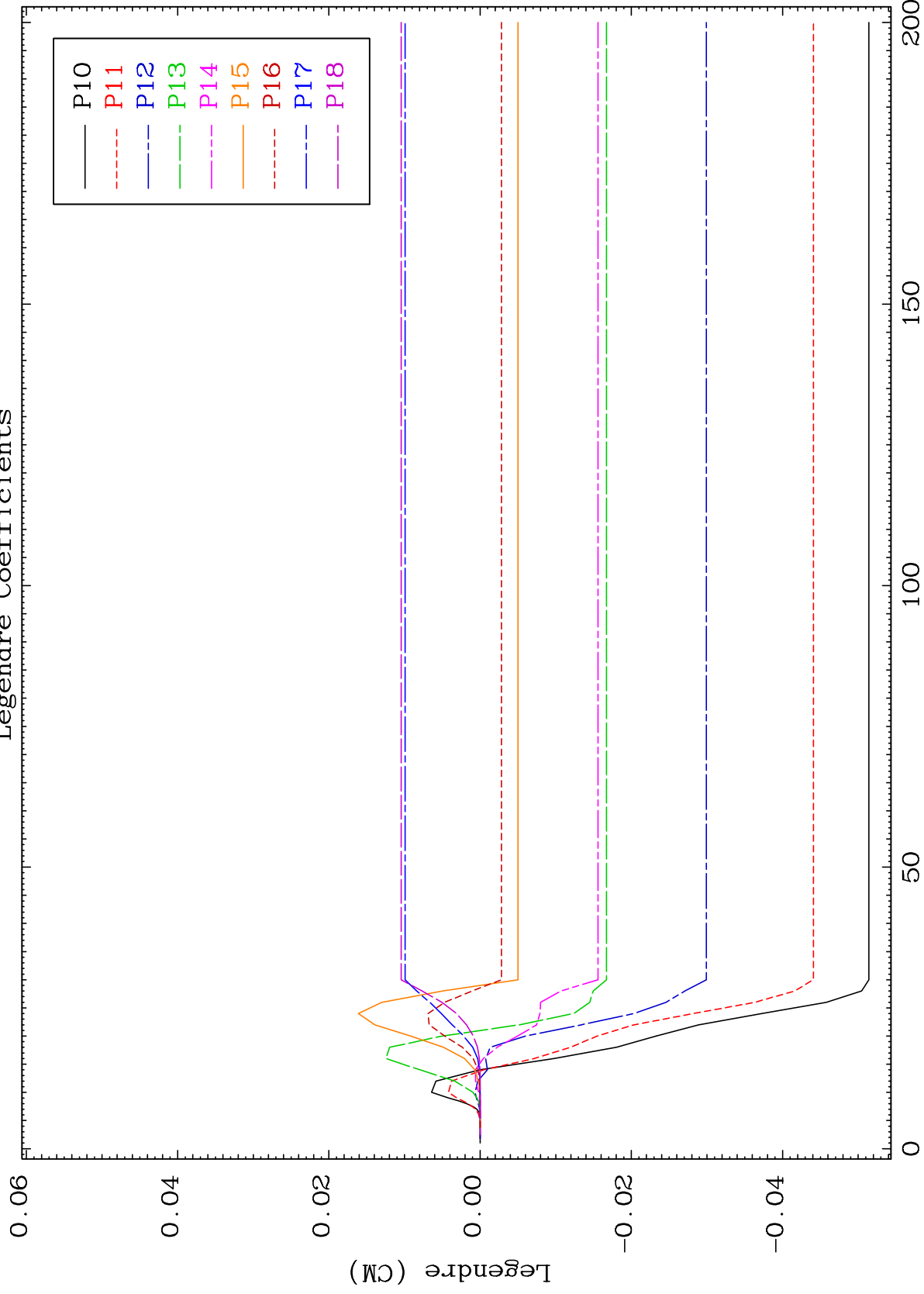
Legendre Coefficients



MAT 5289

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

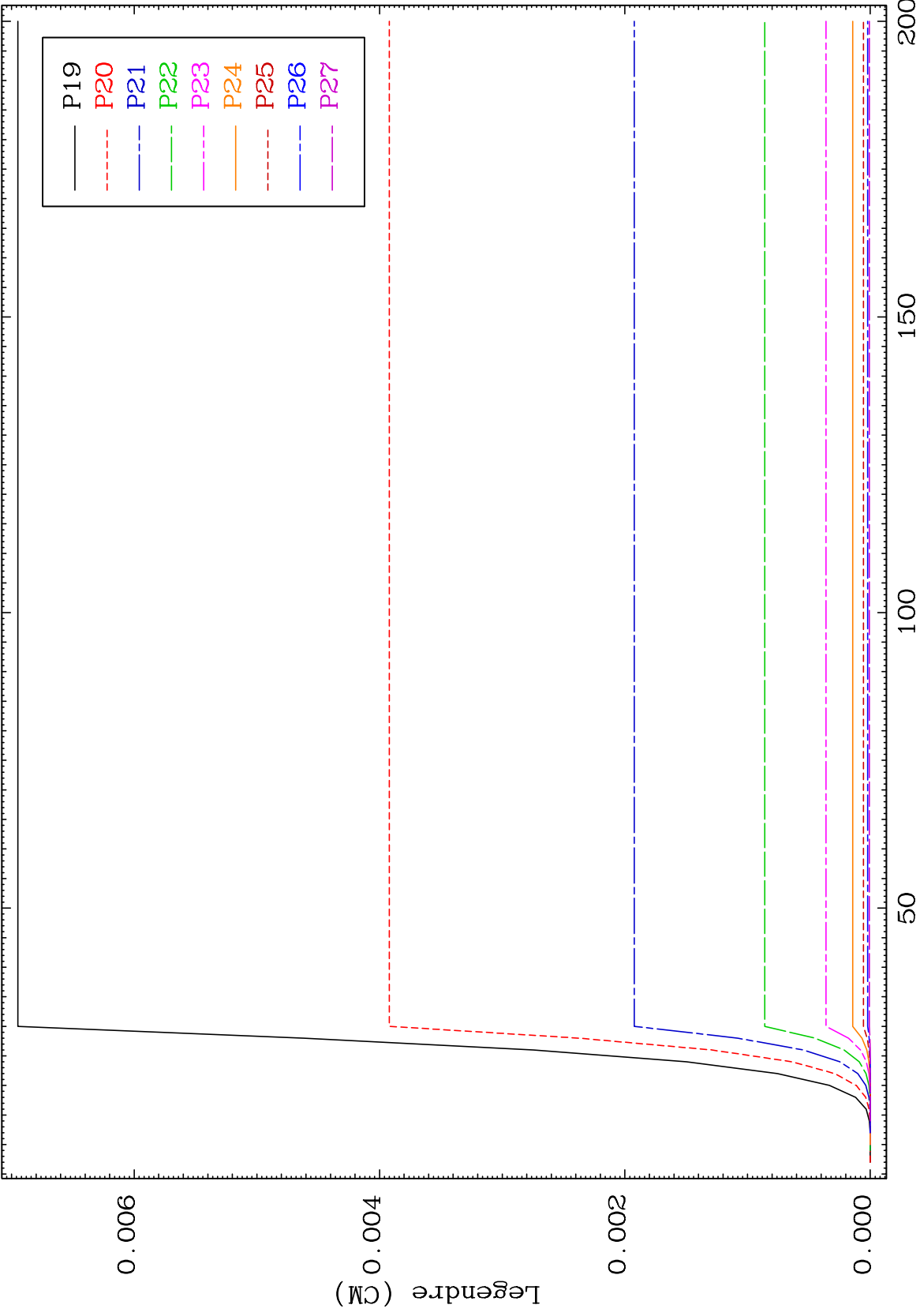
53-I -115



33

Incident Energy (MeV)

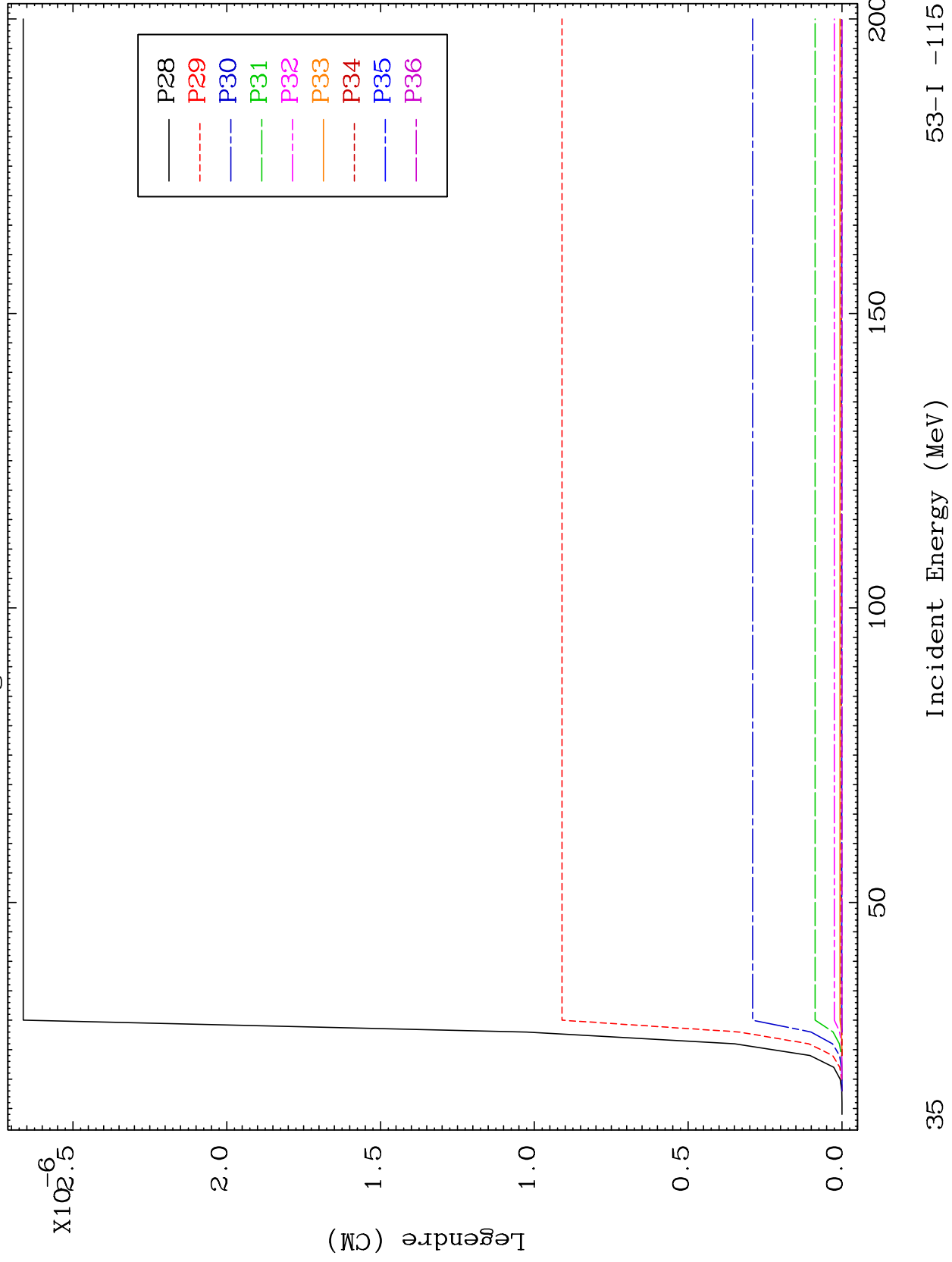
53-I -115



MAT 5289

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

53-I -115



35

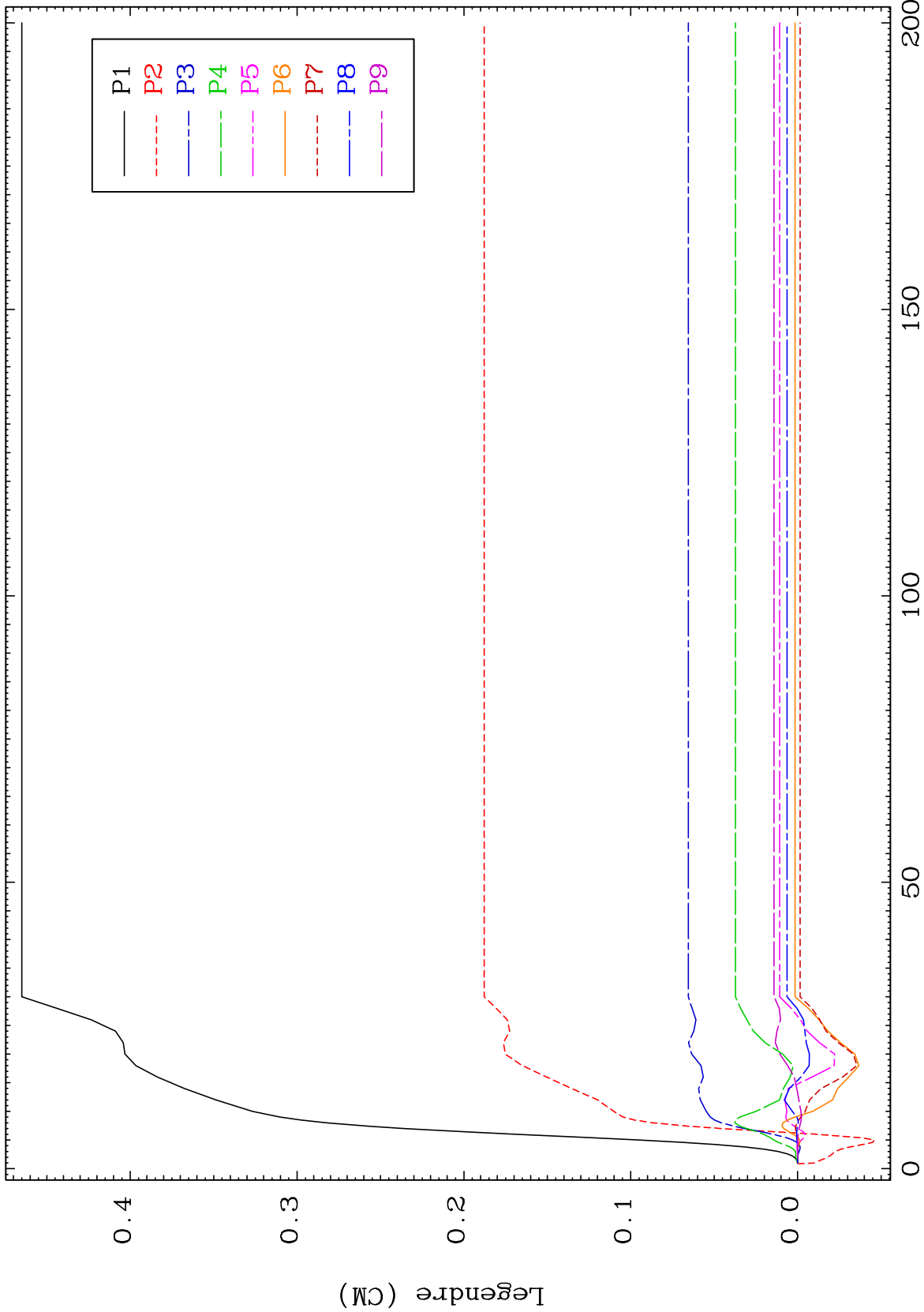
Incident Energy (MeV)

53-I -115

MAT 5289

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

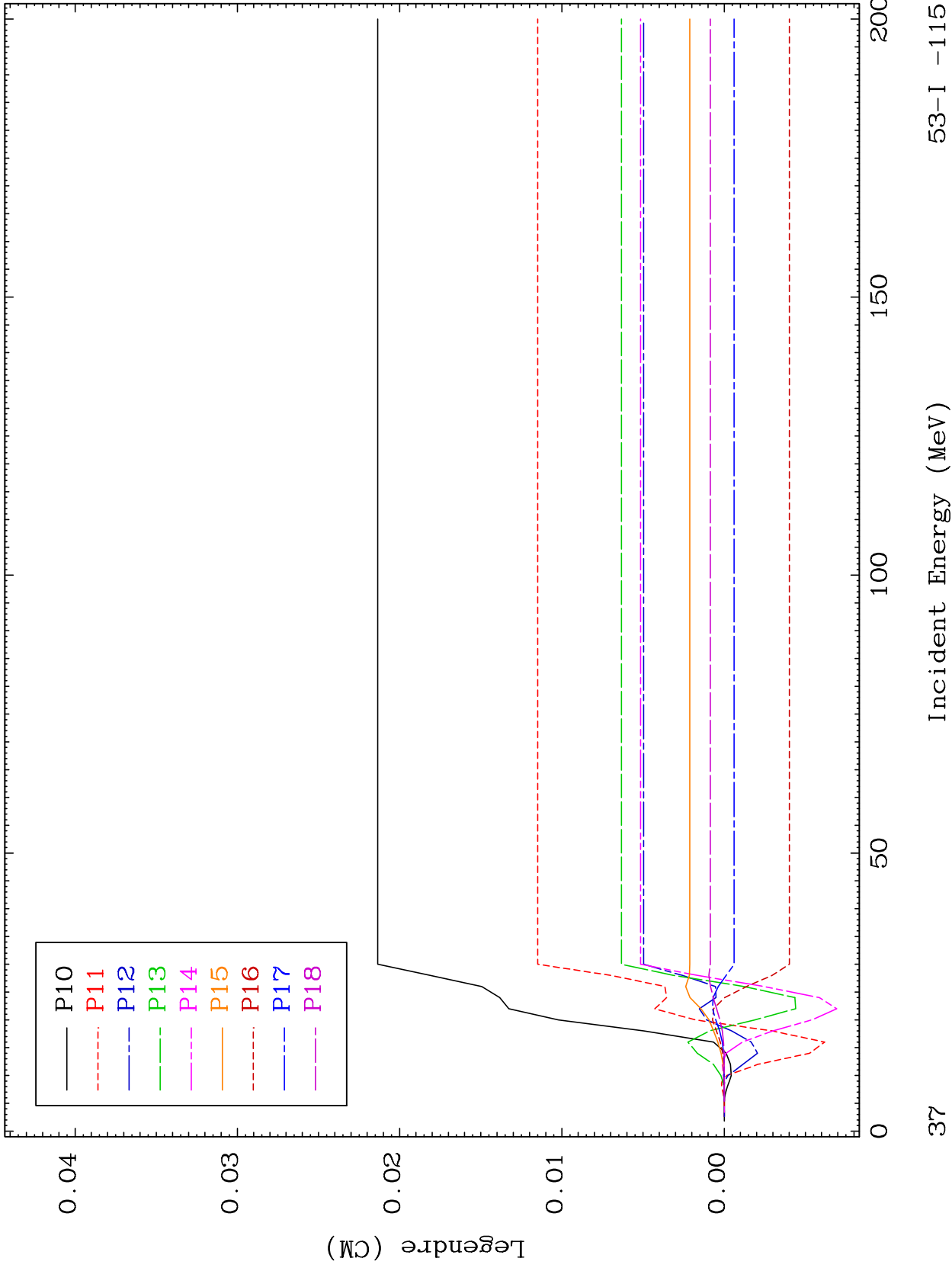
53-I -115

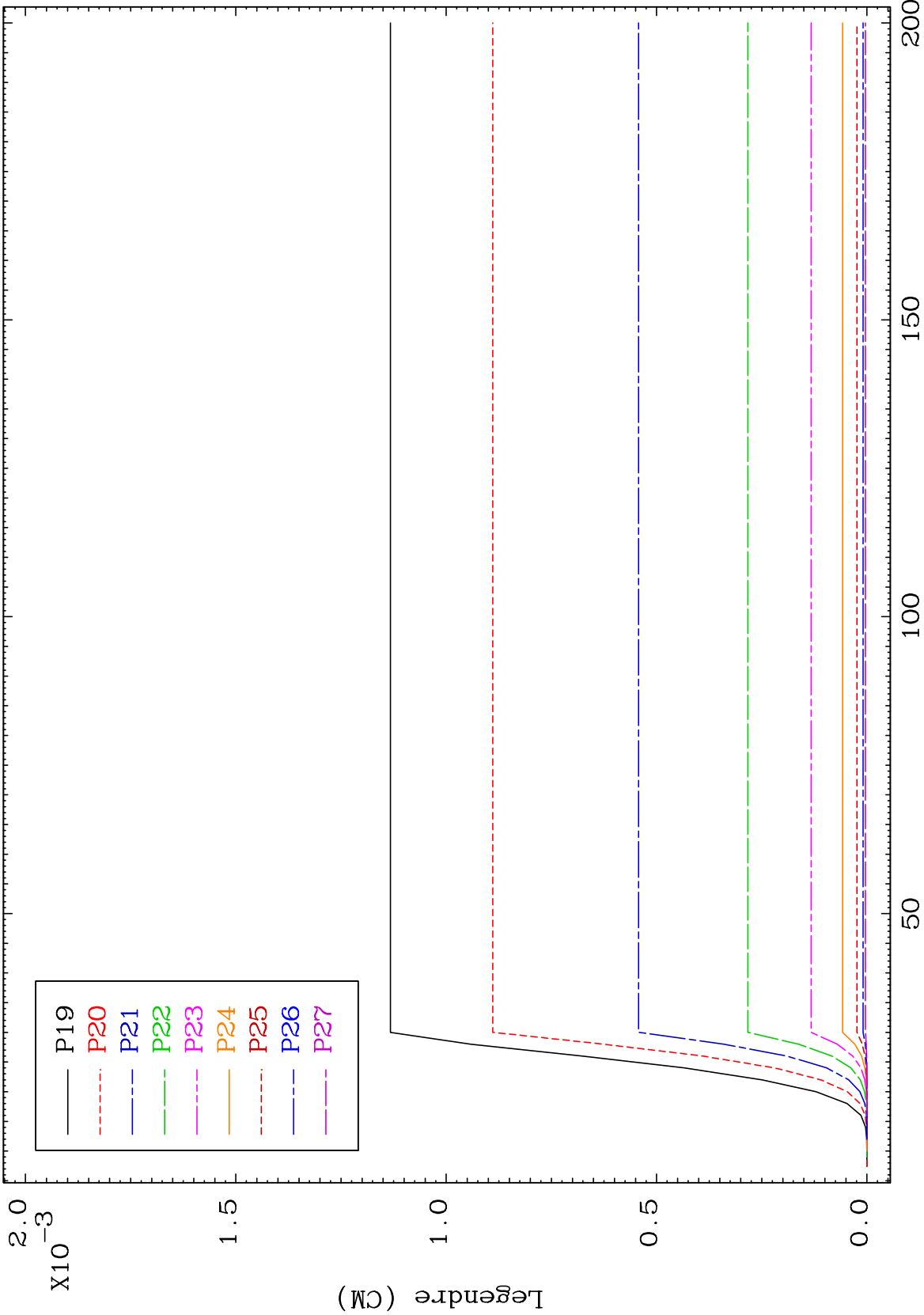


36

Incident Energy (MeV)

53-I -115

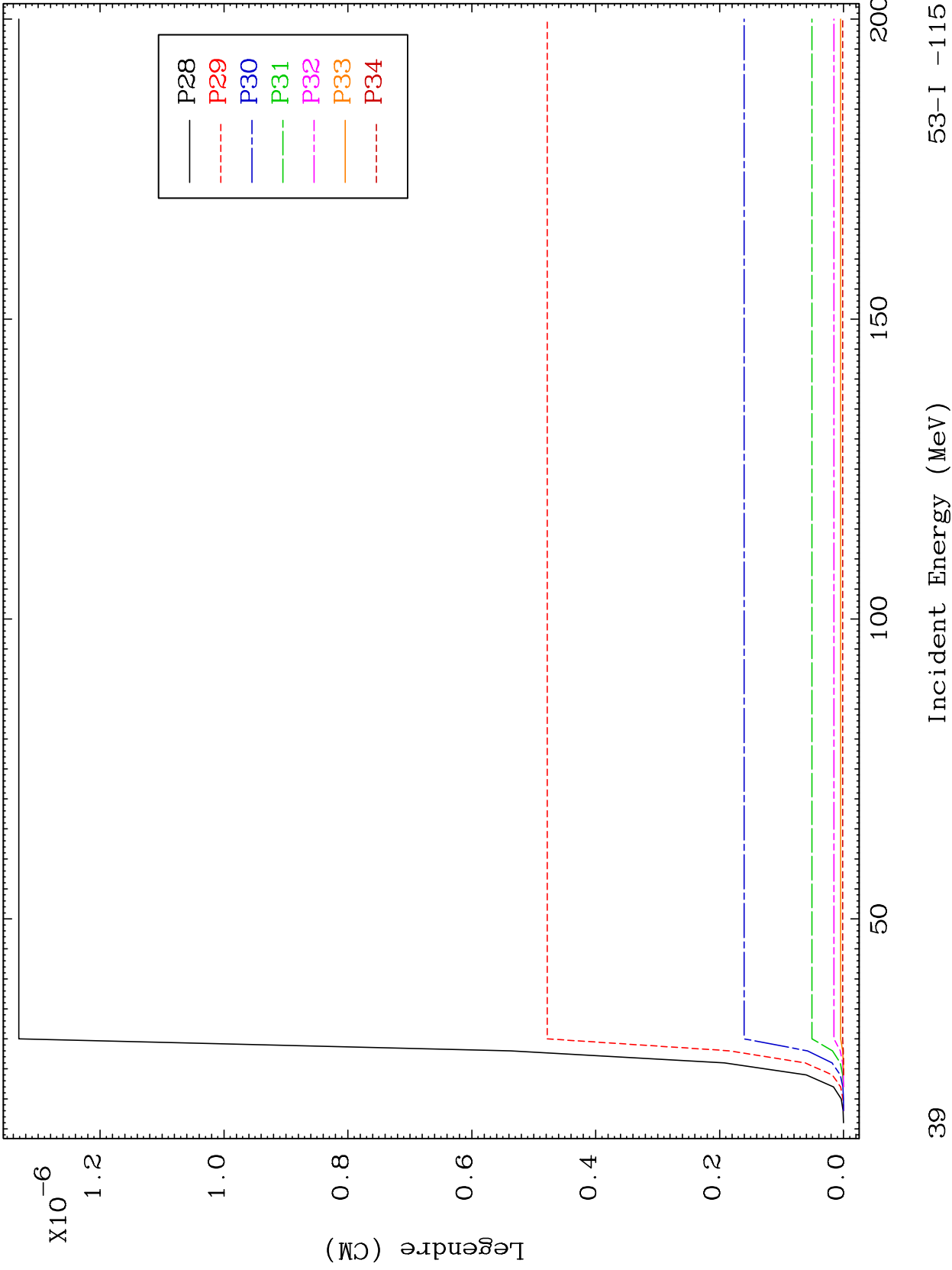




MAT 5289

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

53-I -115



39

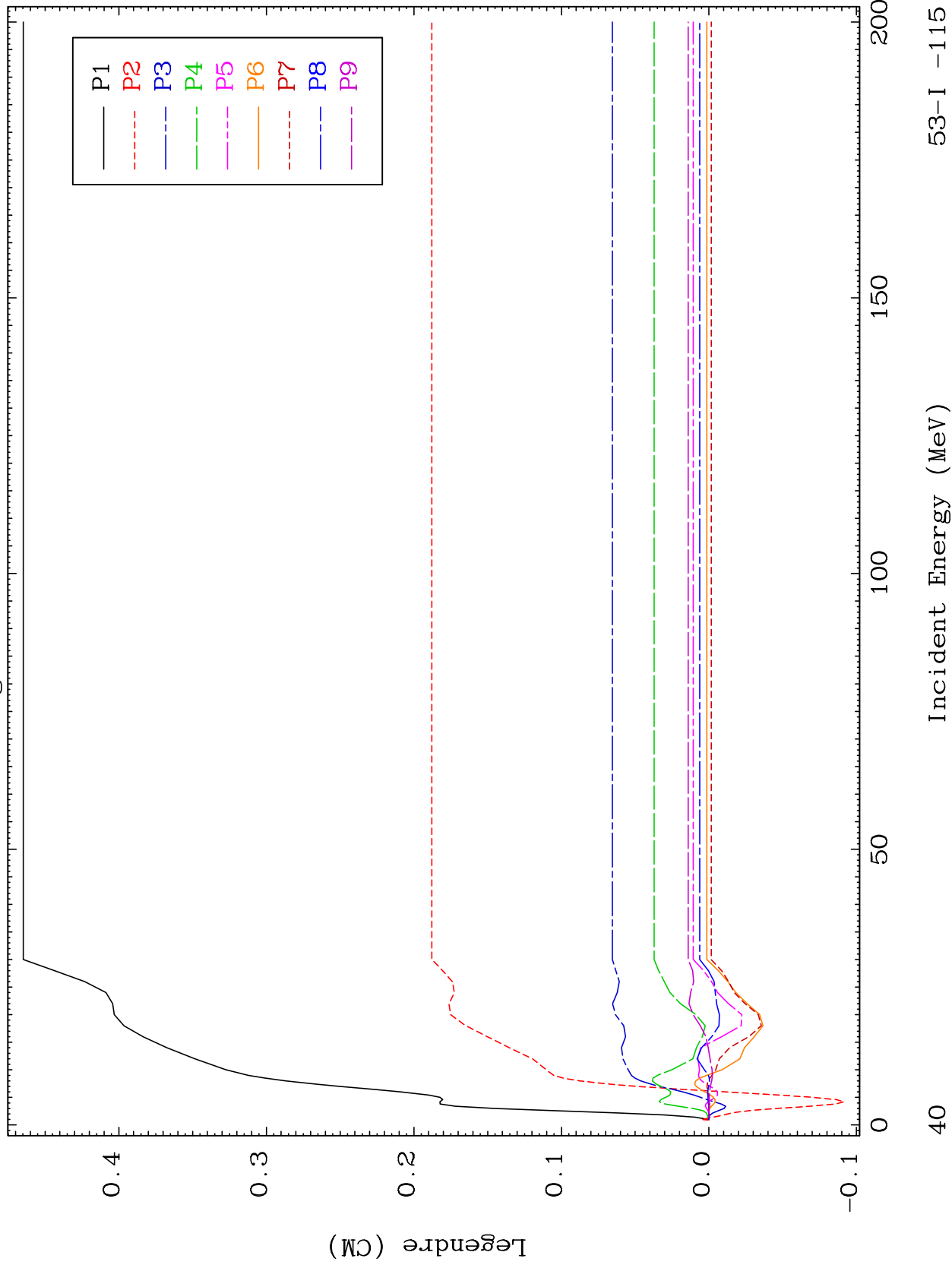
Incident Energy (MeV)

53-I -115

MAT 5289

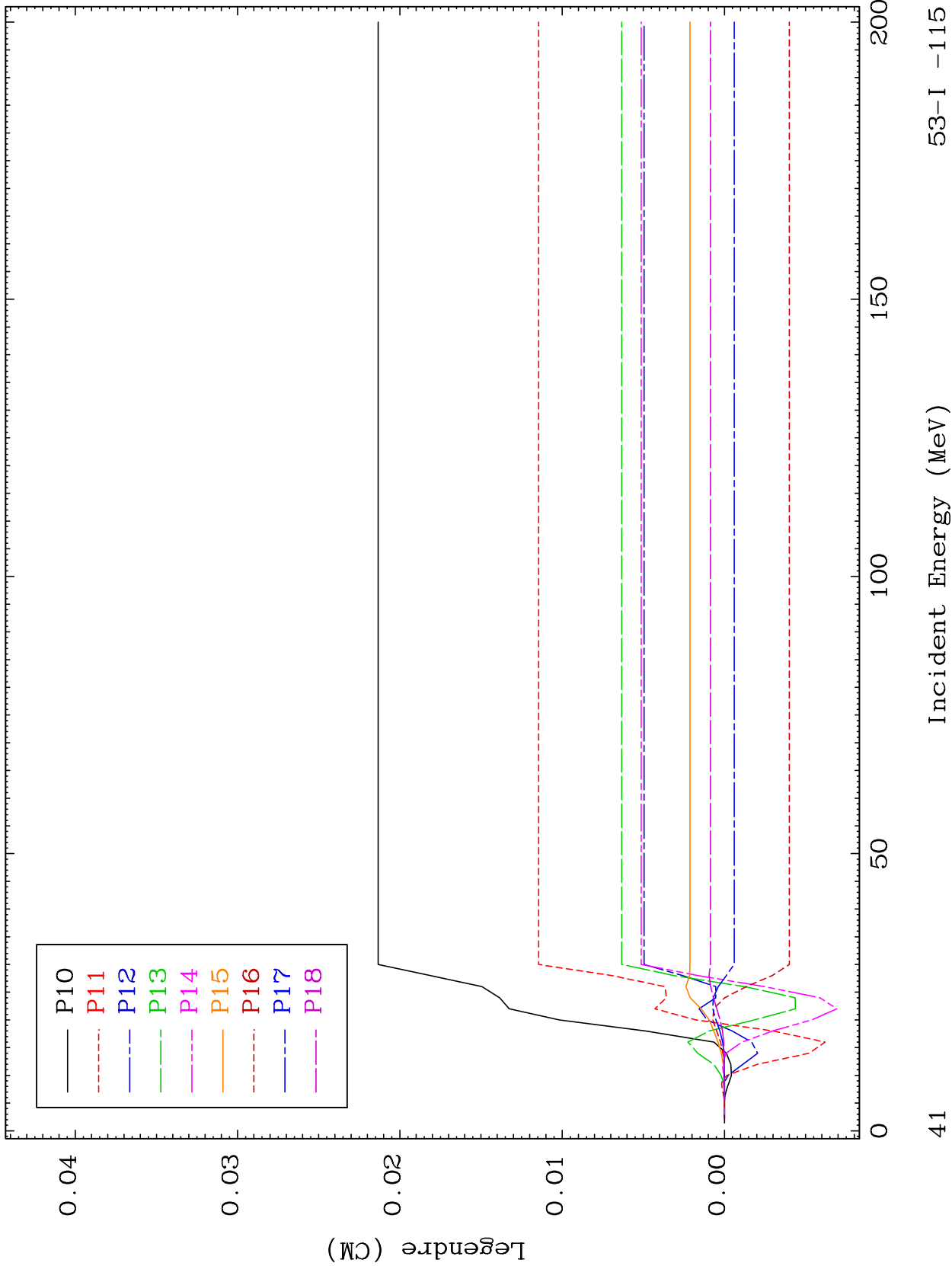
MT= 56 (n,n') Level
Legendre Coefficients

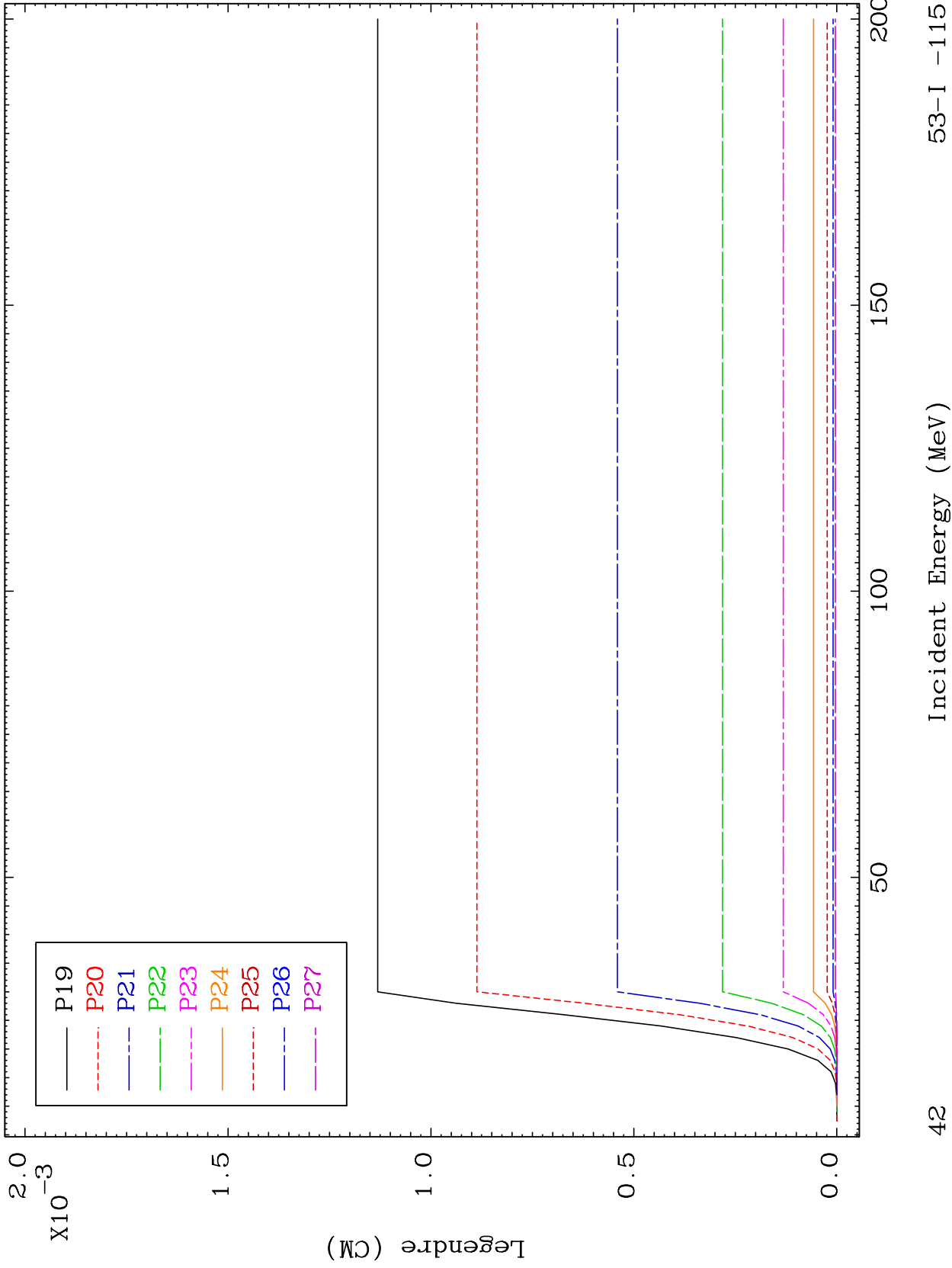
53-I -115



53-I -115

Incident Energy (MeV)

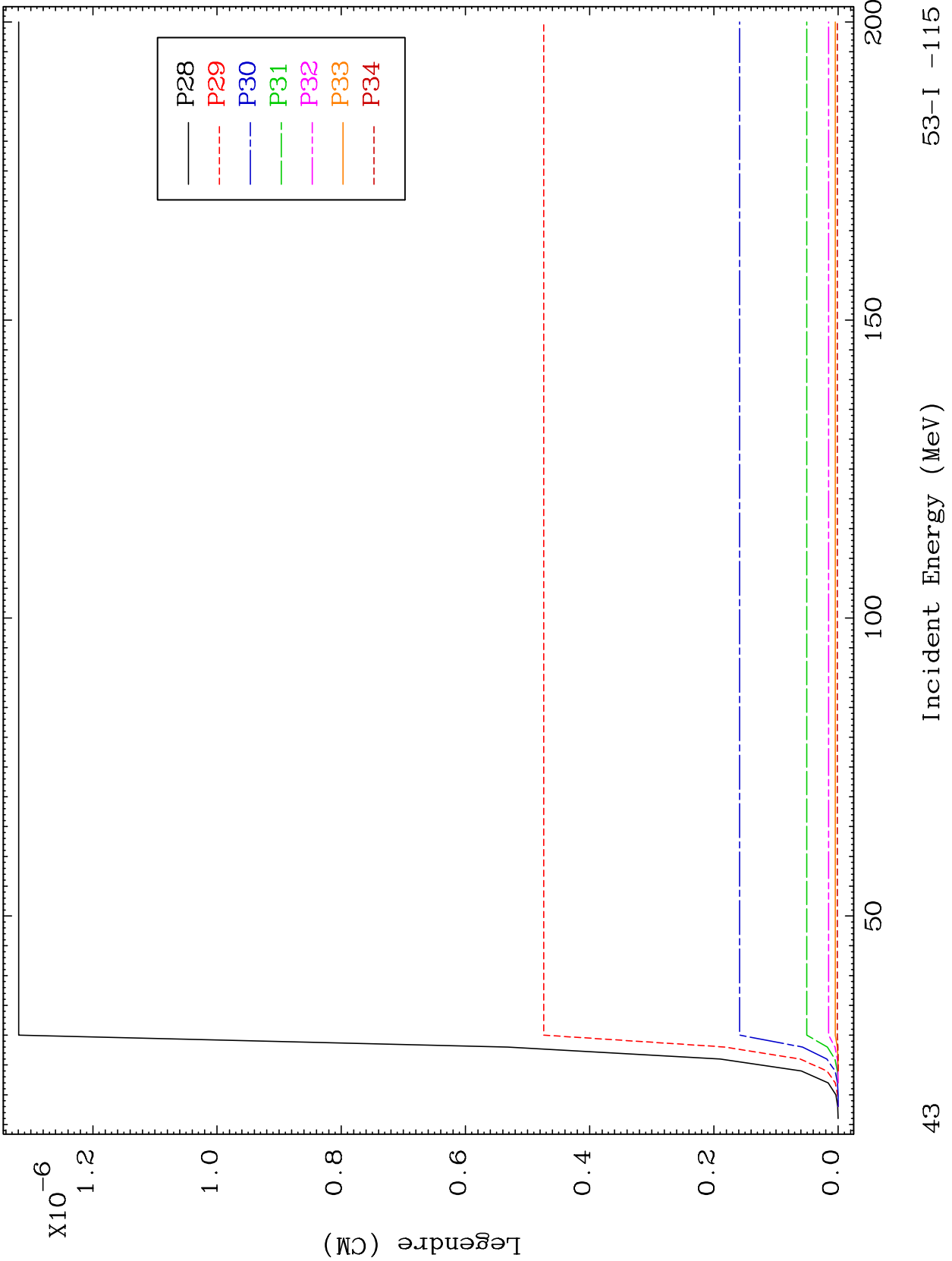




MAT 5289

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

53-I -115



43

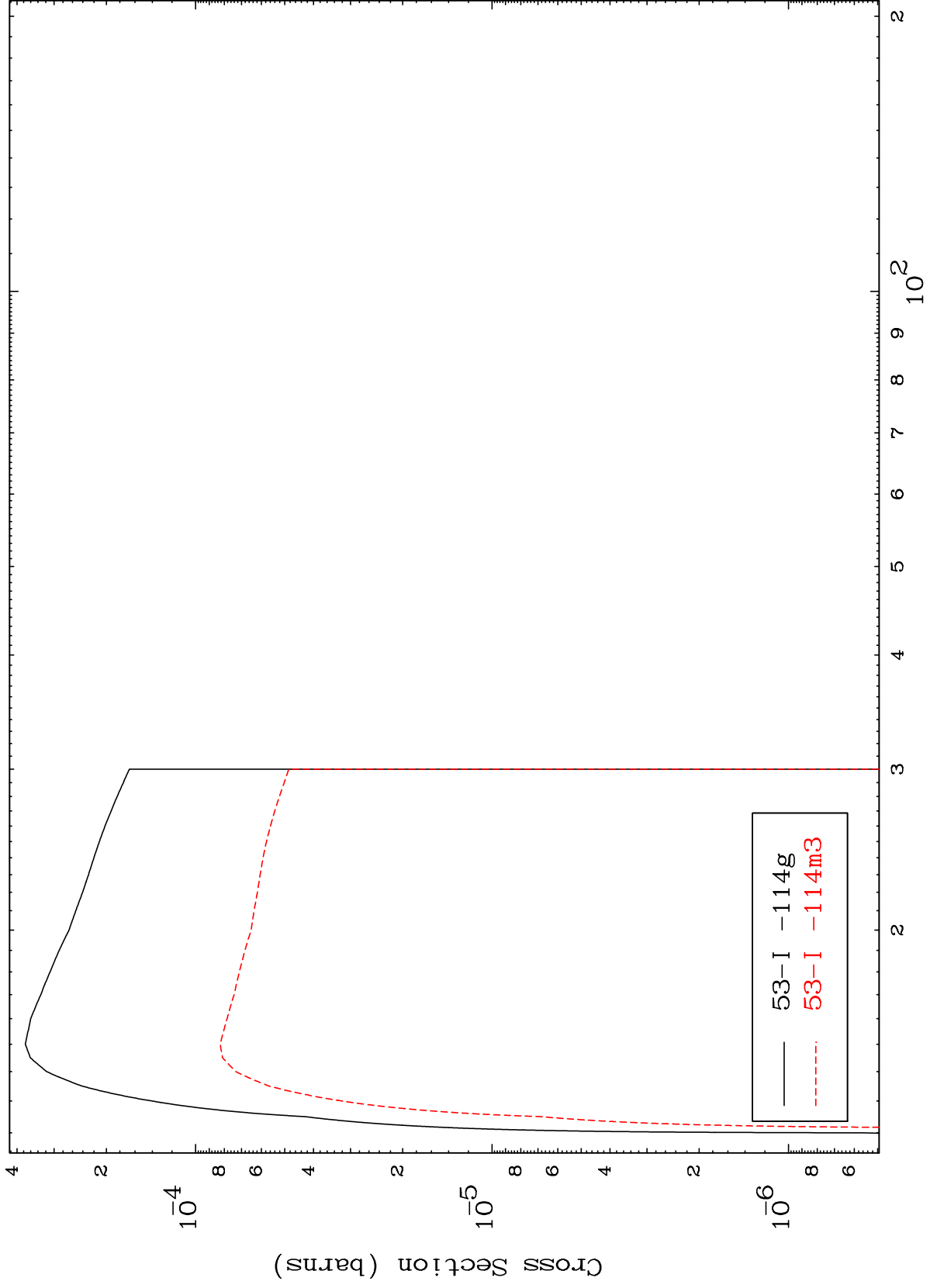
Incident Energy (MeV)

53-I -115

MAT 5289

53-I -115

(n,2n)
Radionuclide Production Cross Section



53-I -115

Incident Energy (MeV)

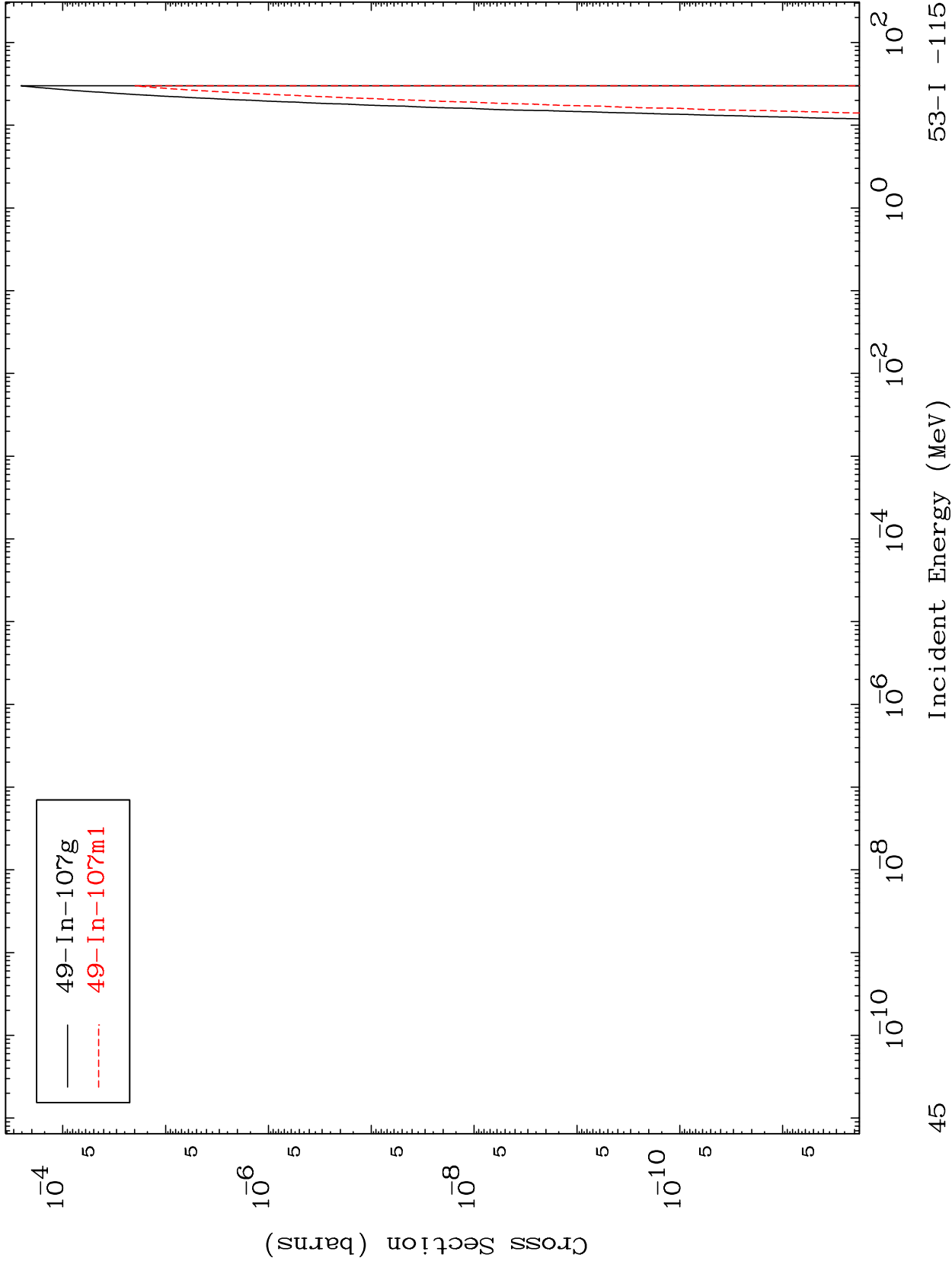
44

MAT 5289

(n,n') 2α

53-I -115

Radionuclide Production Cross Section



45

Incident Energy (MeV)

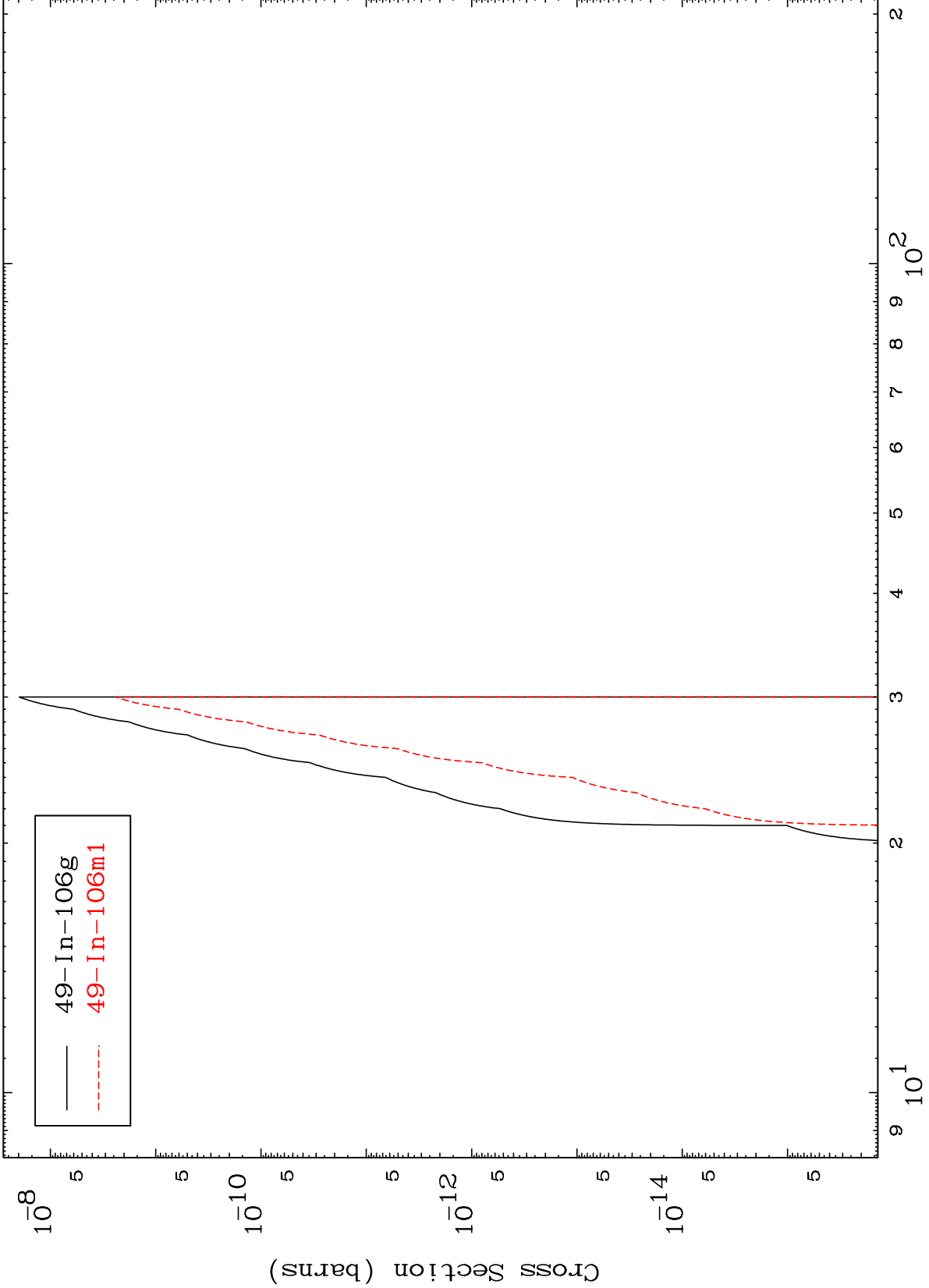
53-I -115

MAT 5289

(n,2n) 2α

53-I -115

Radionuclide Production Cross Section



— 49-In-106g
- - - 49-In-106m1

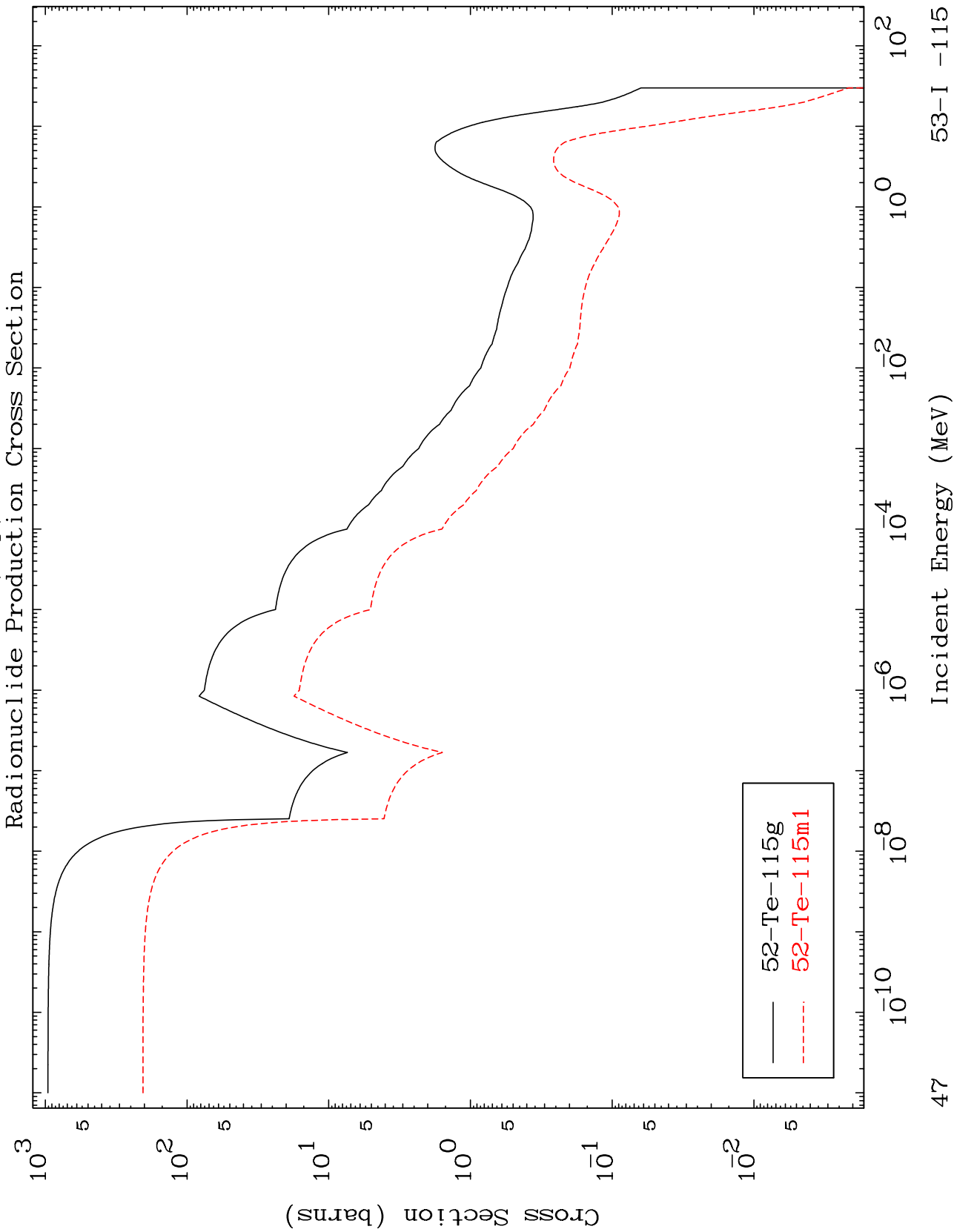
46

Incident Energy (MeV)

53-I -115

MAT 5289

53-I -115

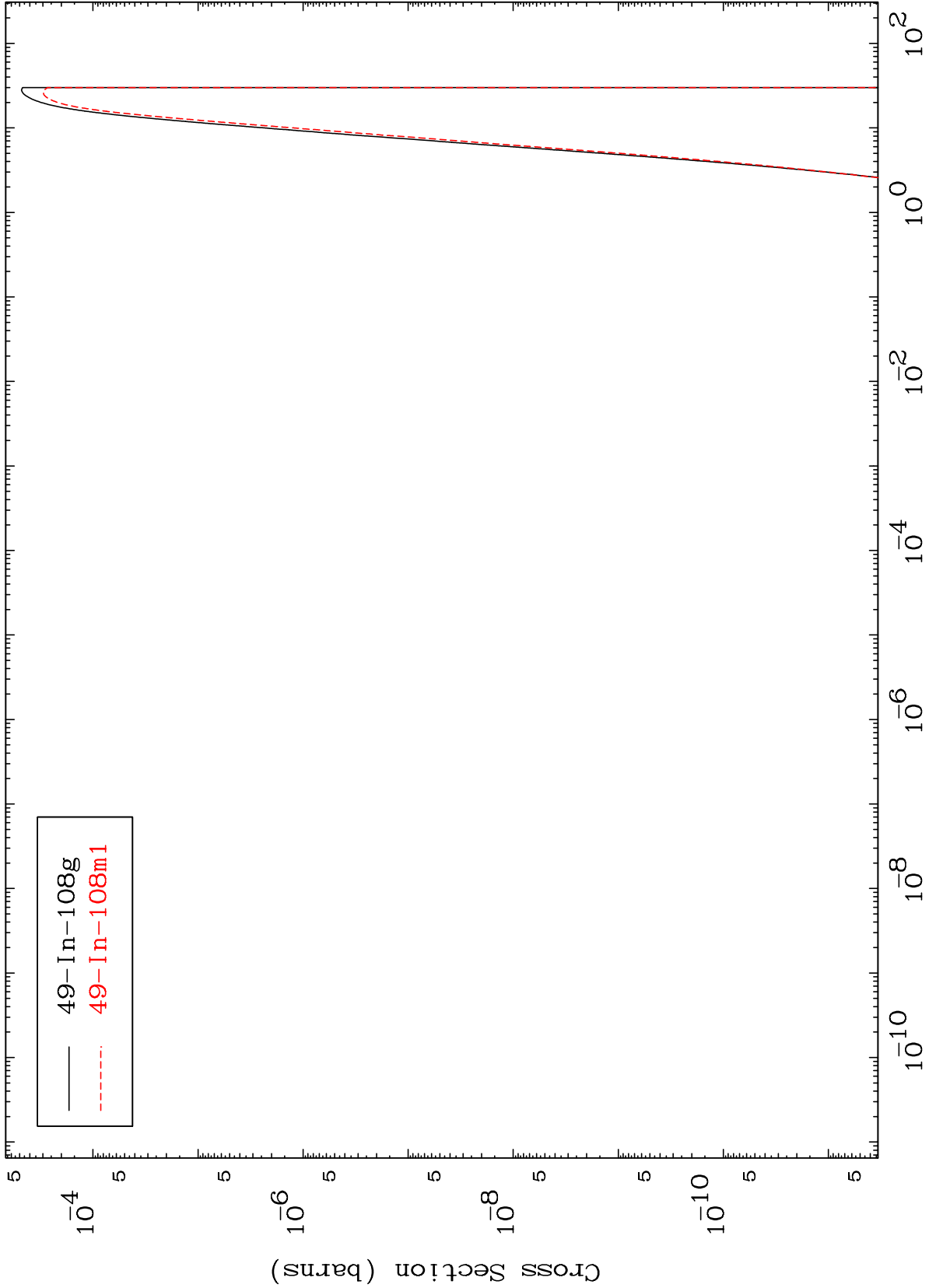


MAT 5289

(n,2α)

53-I -115

Radionuclide Production Cross Section



49-I-108g
49-I-108m1

48

Incident Energy (MeV)

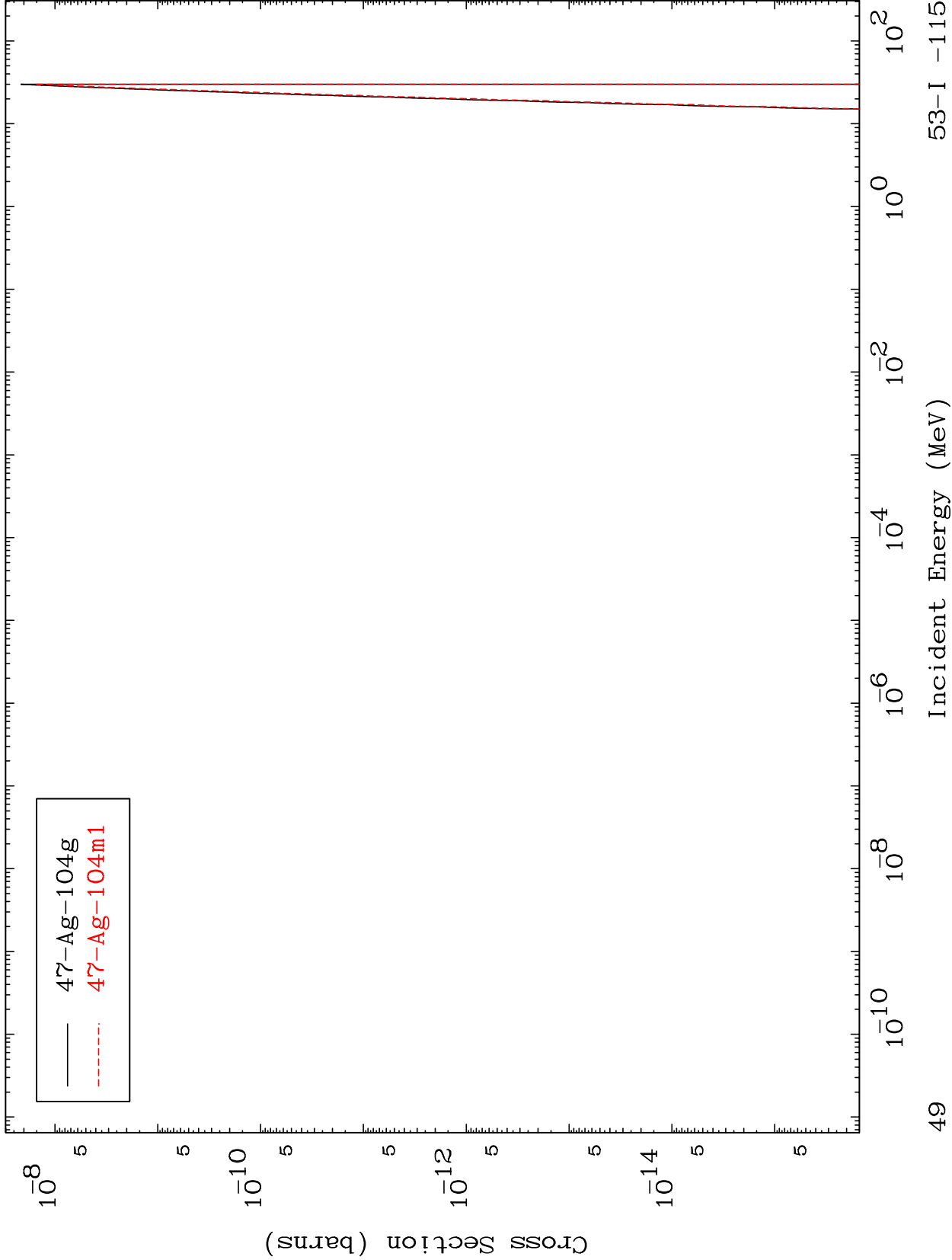
53-I -115

MAT 5289

(n,3 α)

53-I -115

Radionuclide Production Cross Section



49

Incident Energy (MeV)

53-I -115