

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

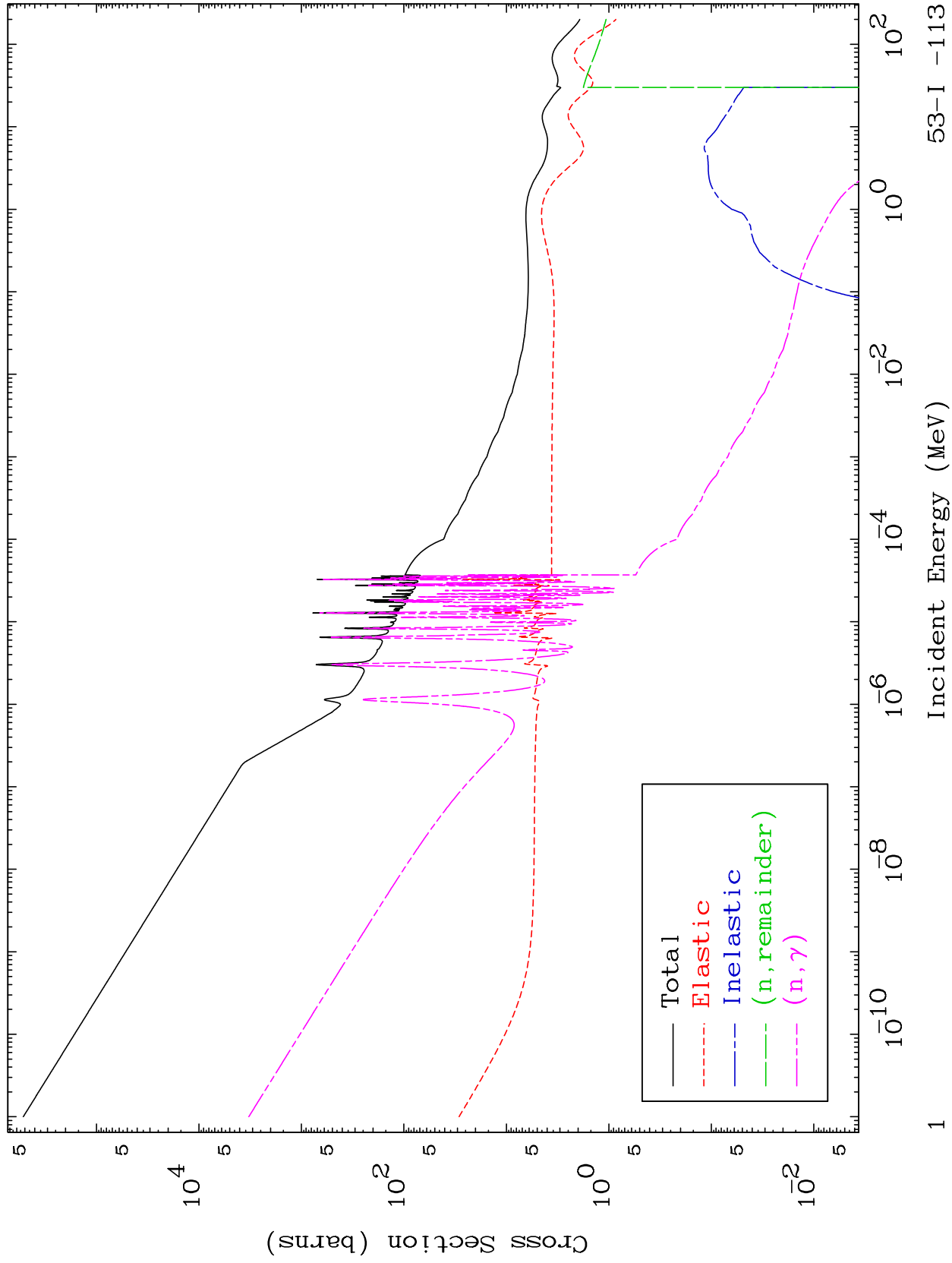
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5283

Major
293 Kelvin Cross Sections

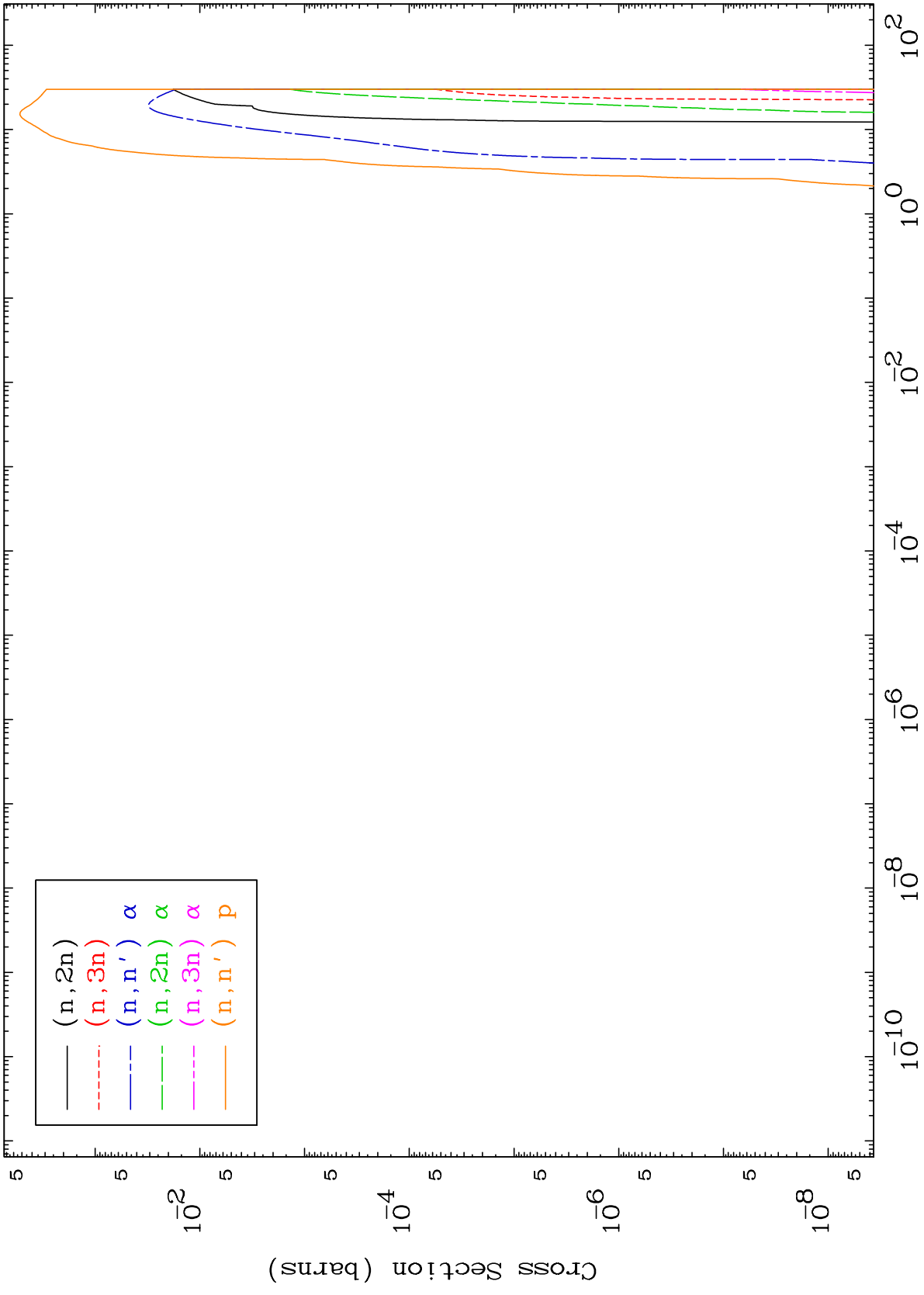
53-I -113



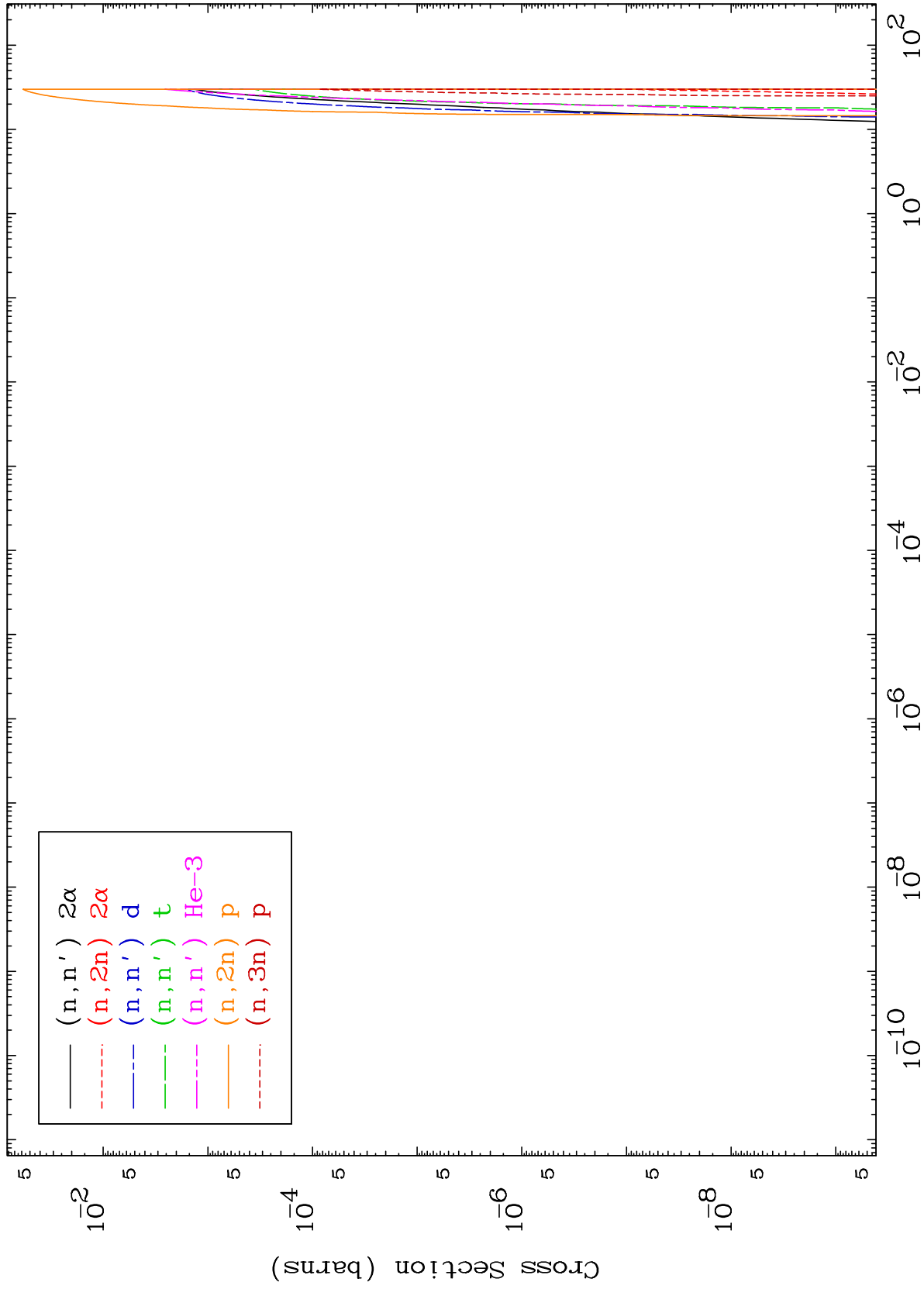
MAT 5283

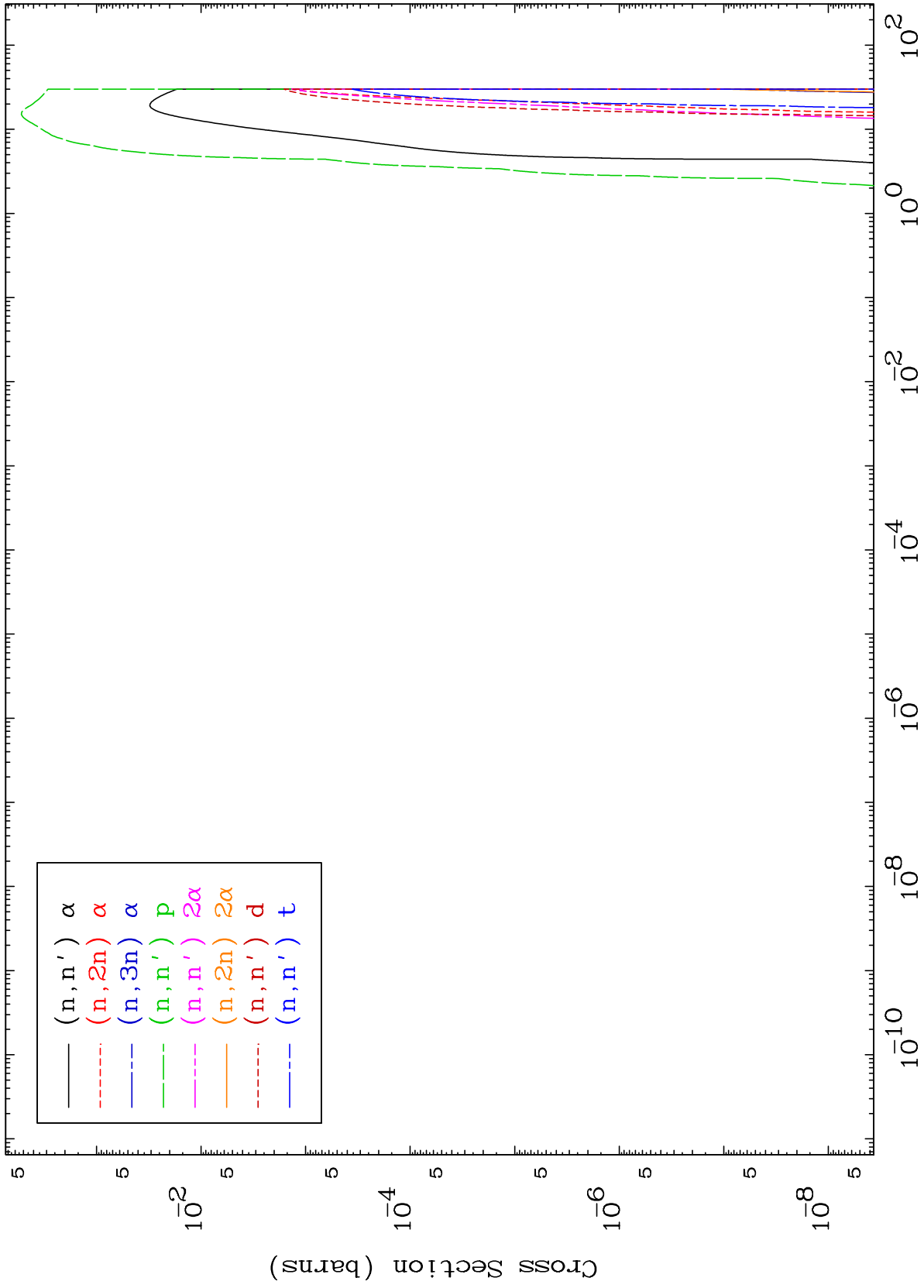
Neutron Production
293 Kelvin Cross Sections

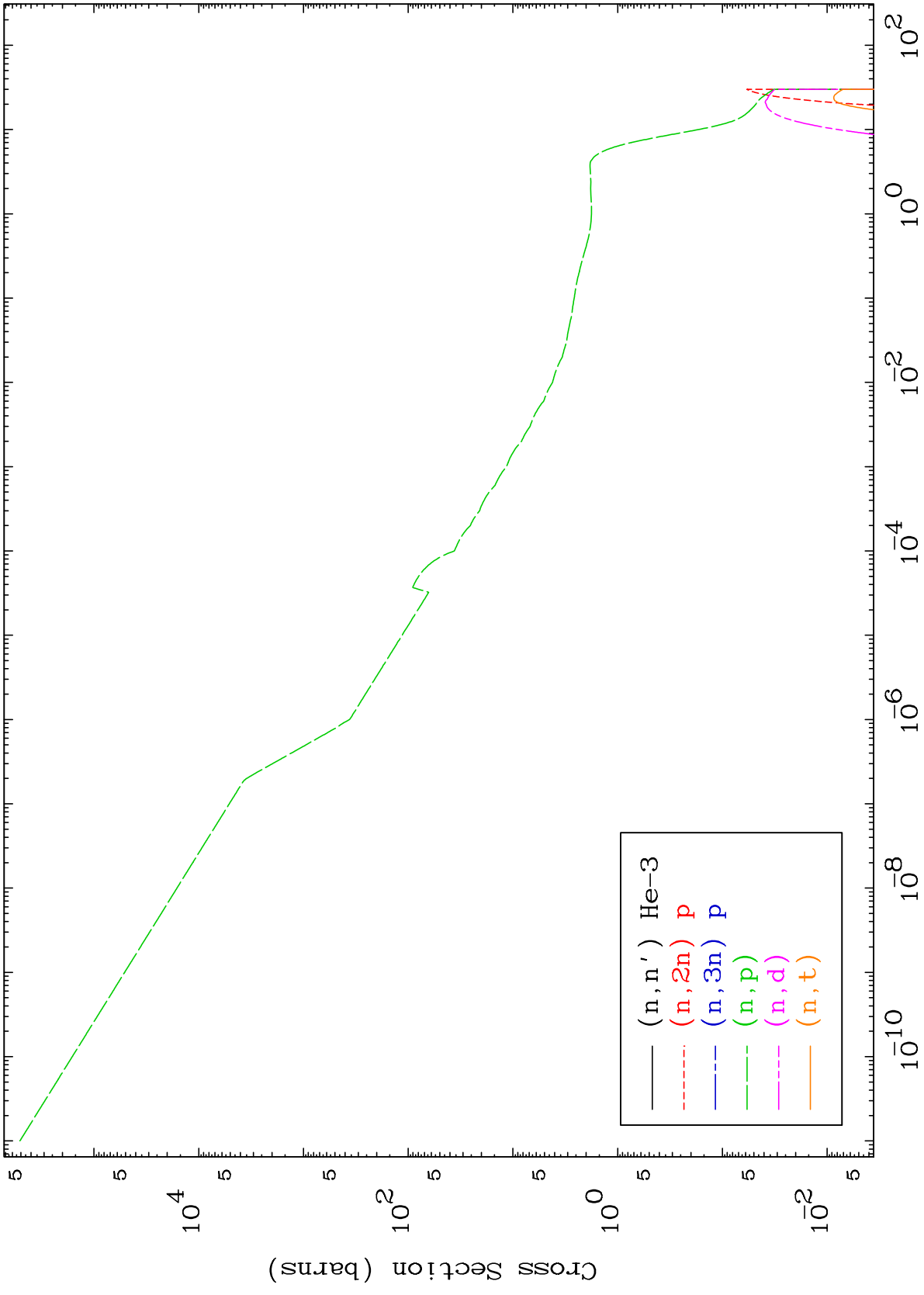
53-I -113

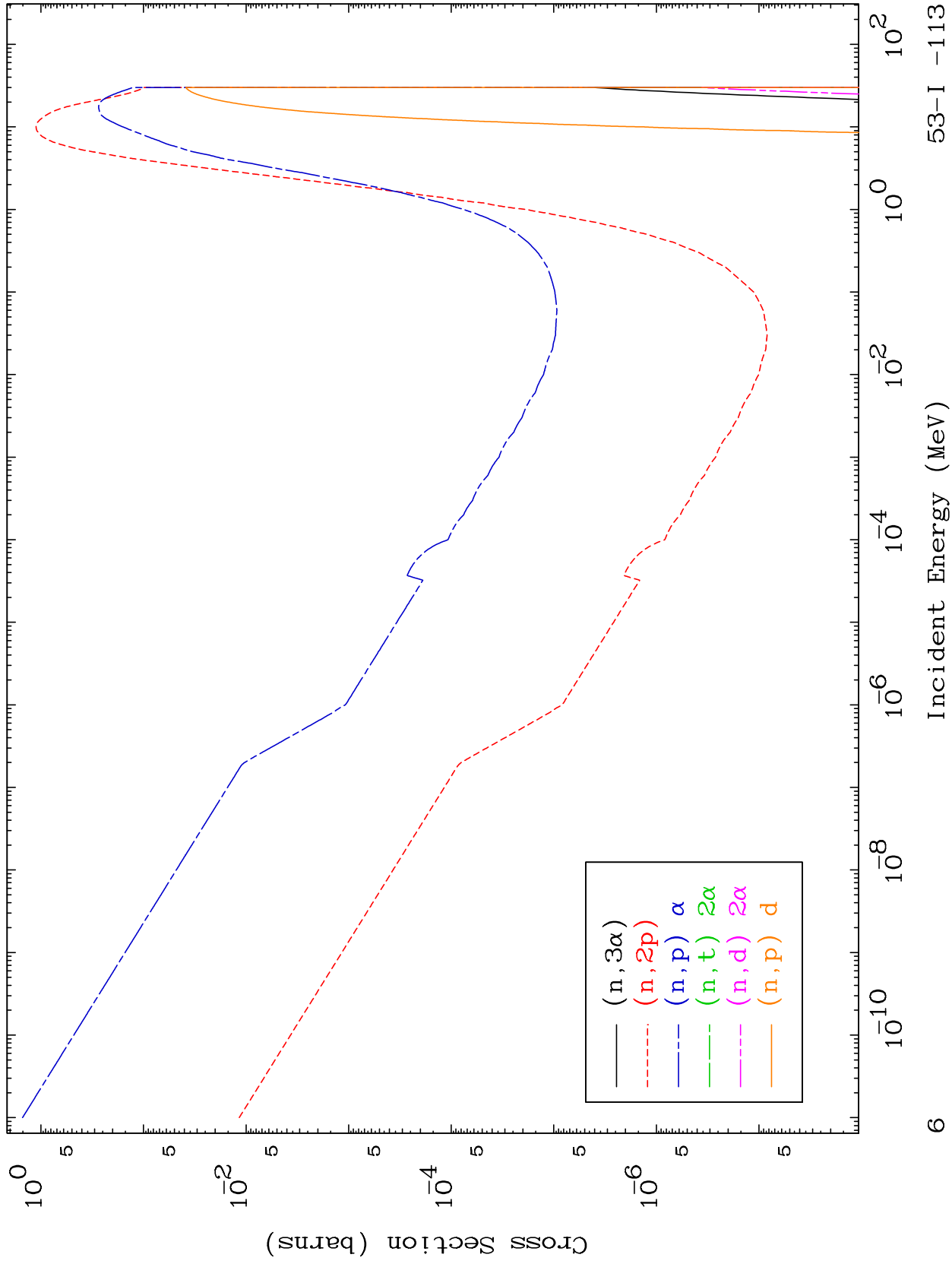


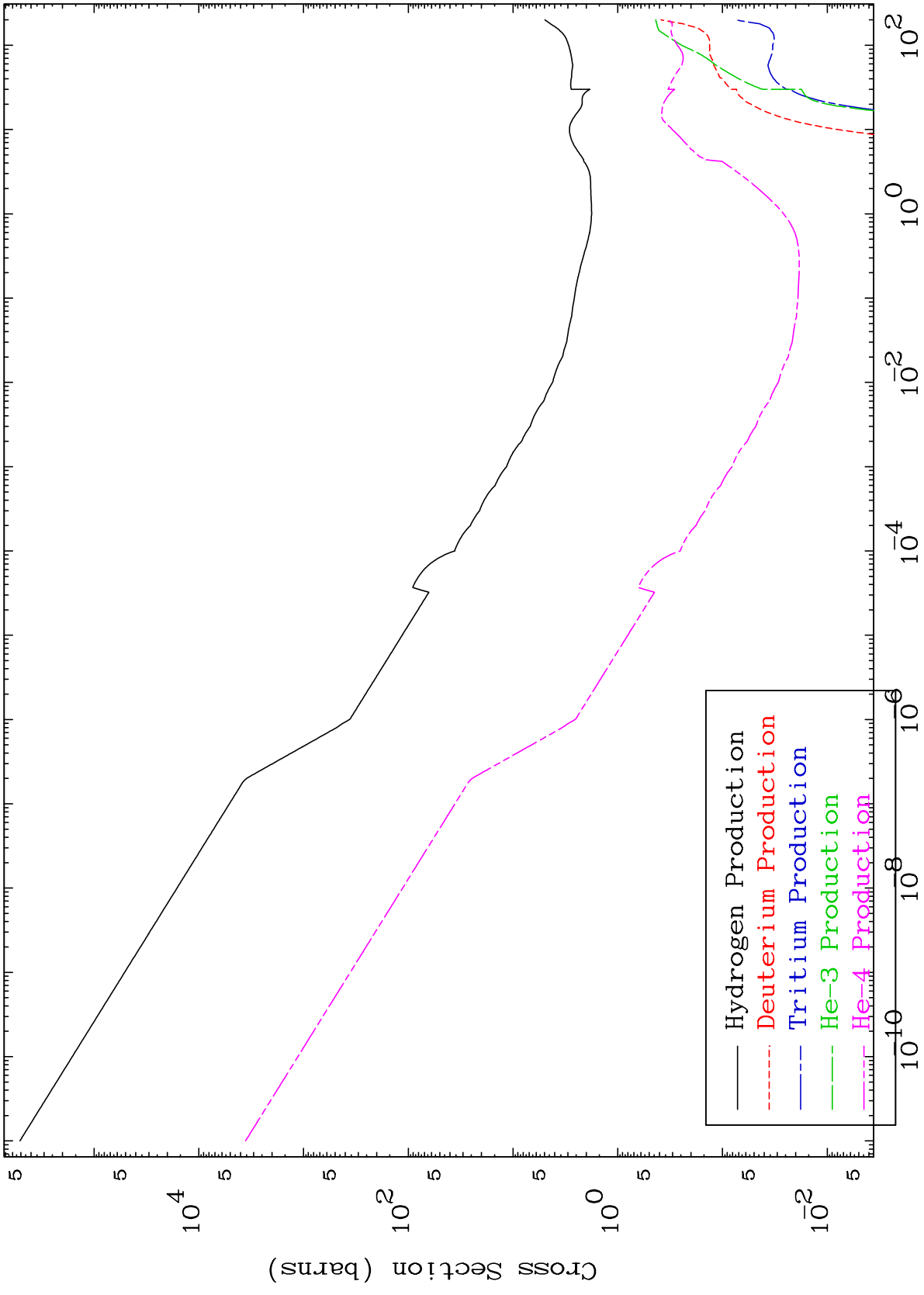
53-I -113

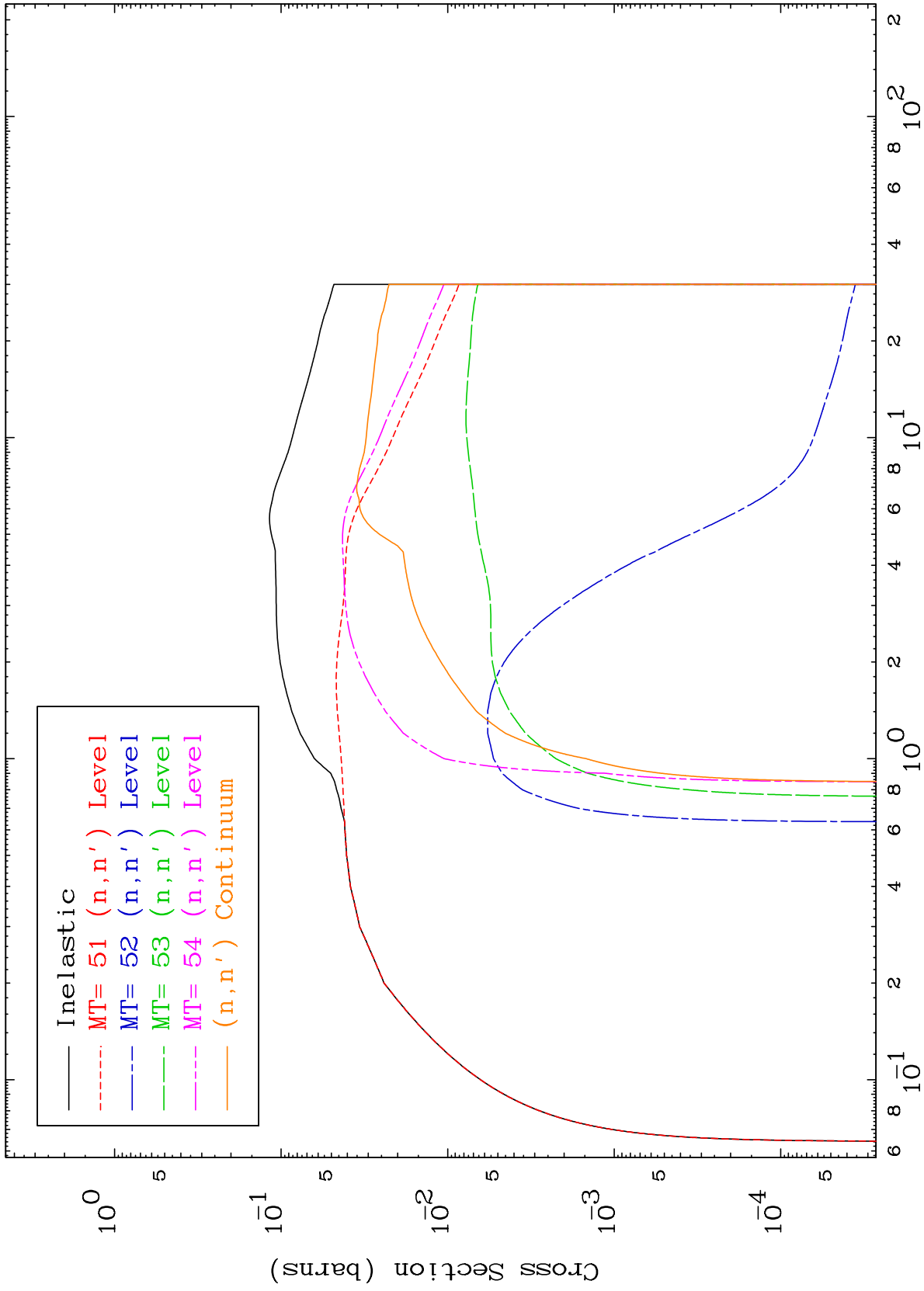








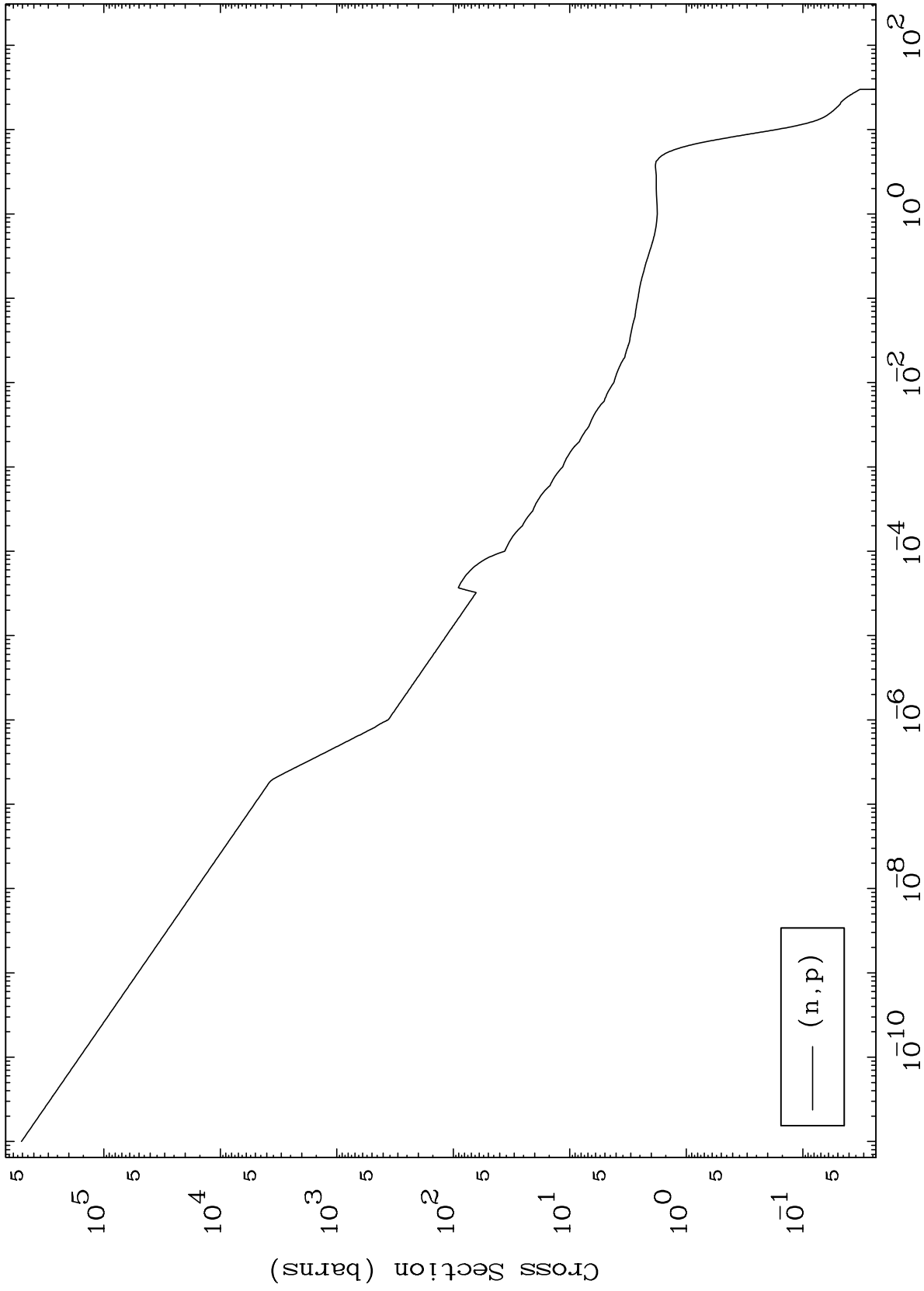




MAT 5283

(n,p) Levels
293 Kelvin Cross Sections

53-I -113



9

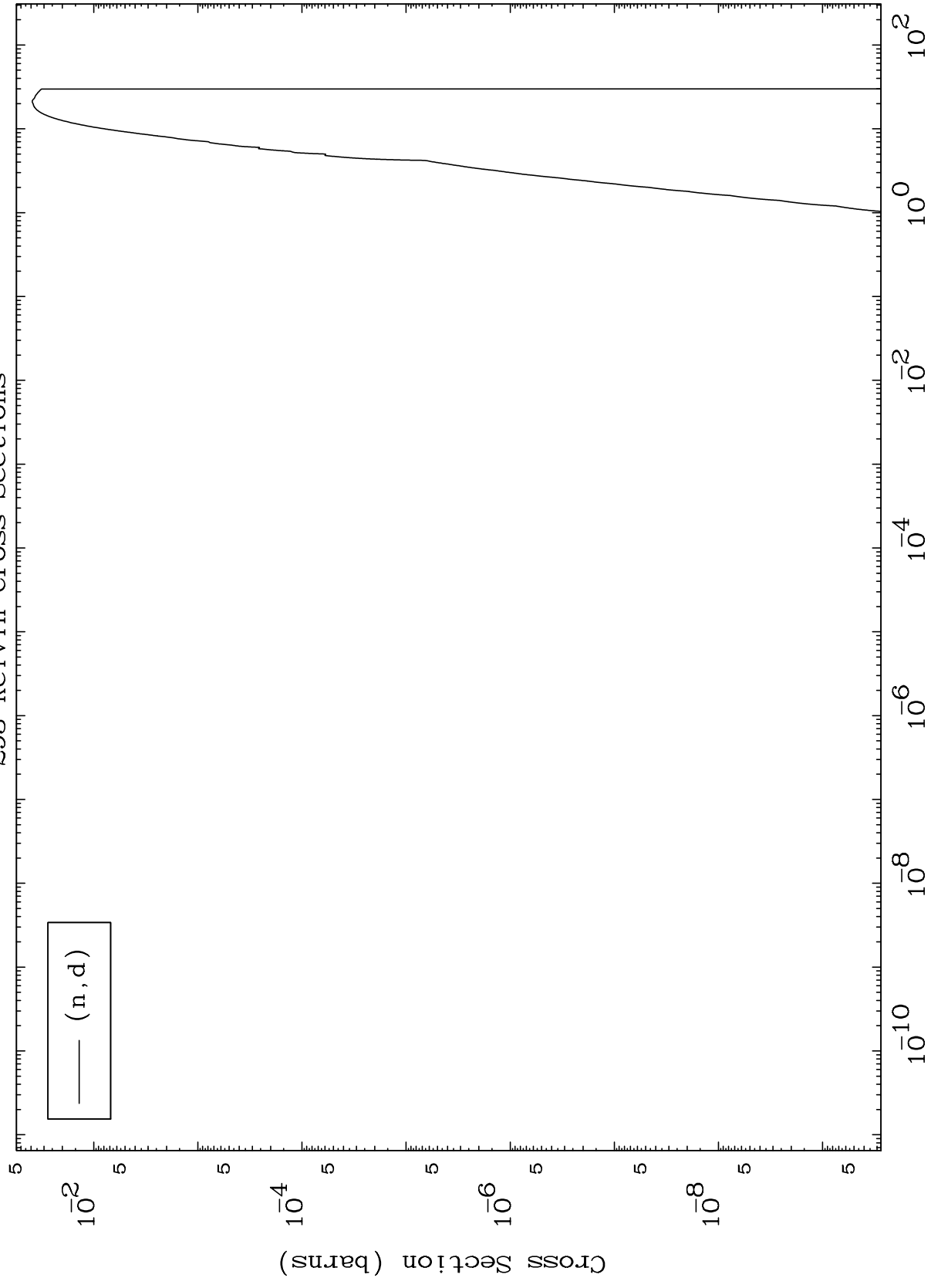
Incident Energy (MeV)

53-I -113

MAT 5283

(n,d) Levels
293 Kelvin Cross Sections

53-I -113



10

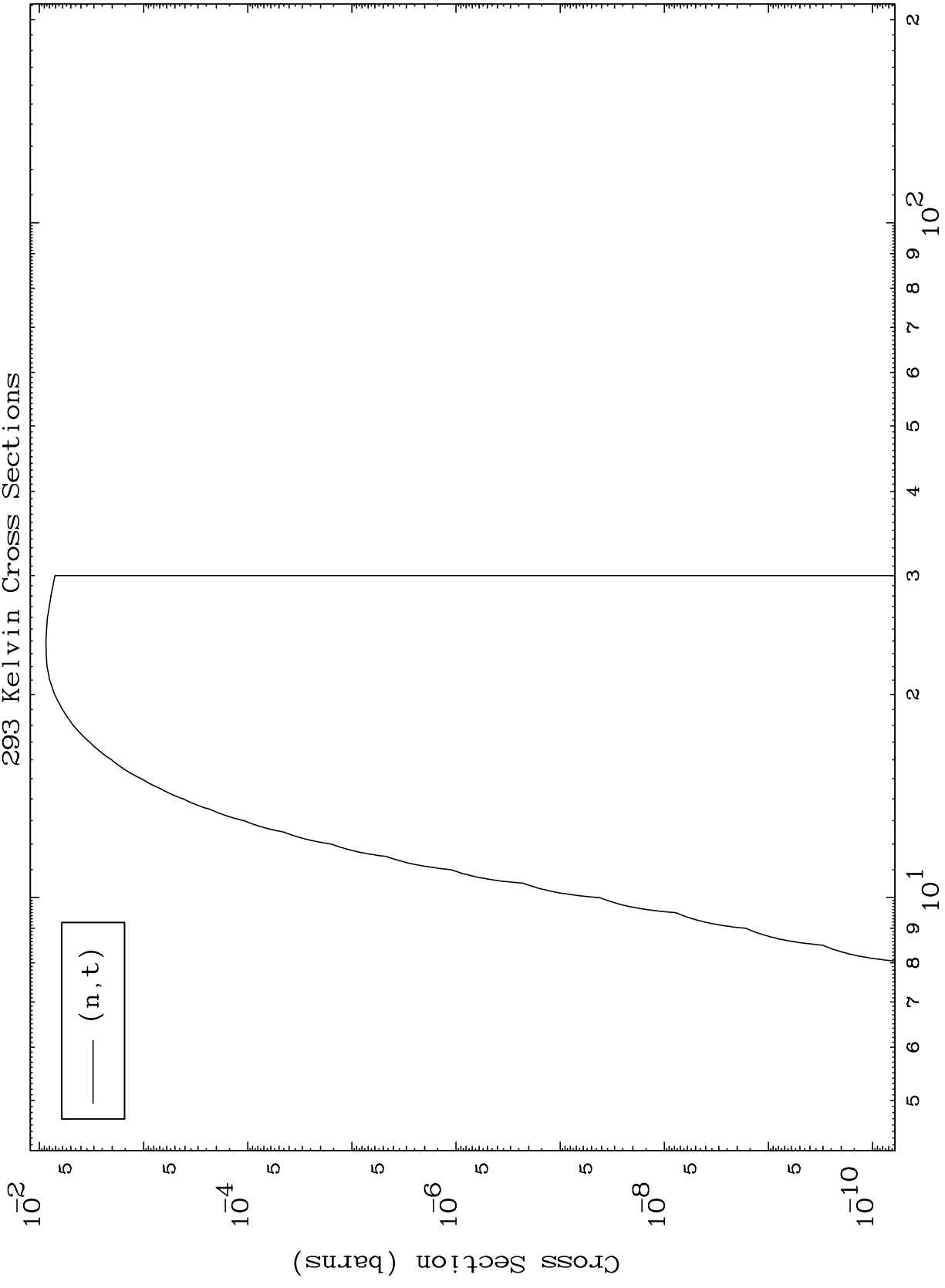
Incident Energy (MeV)

53-I -113

MAT 5283

(n,t) Levels
293 Kelvin Cross Sections

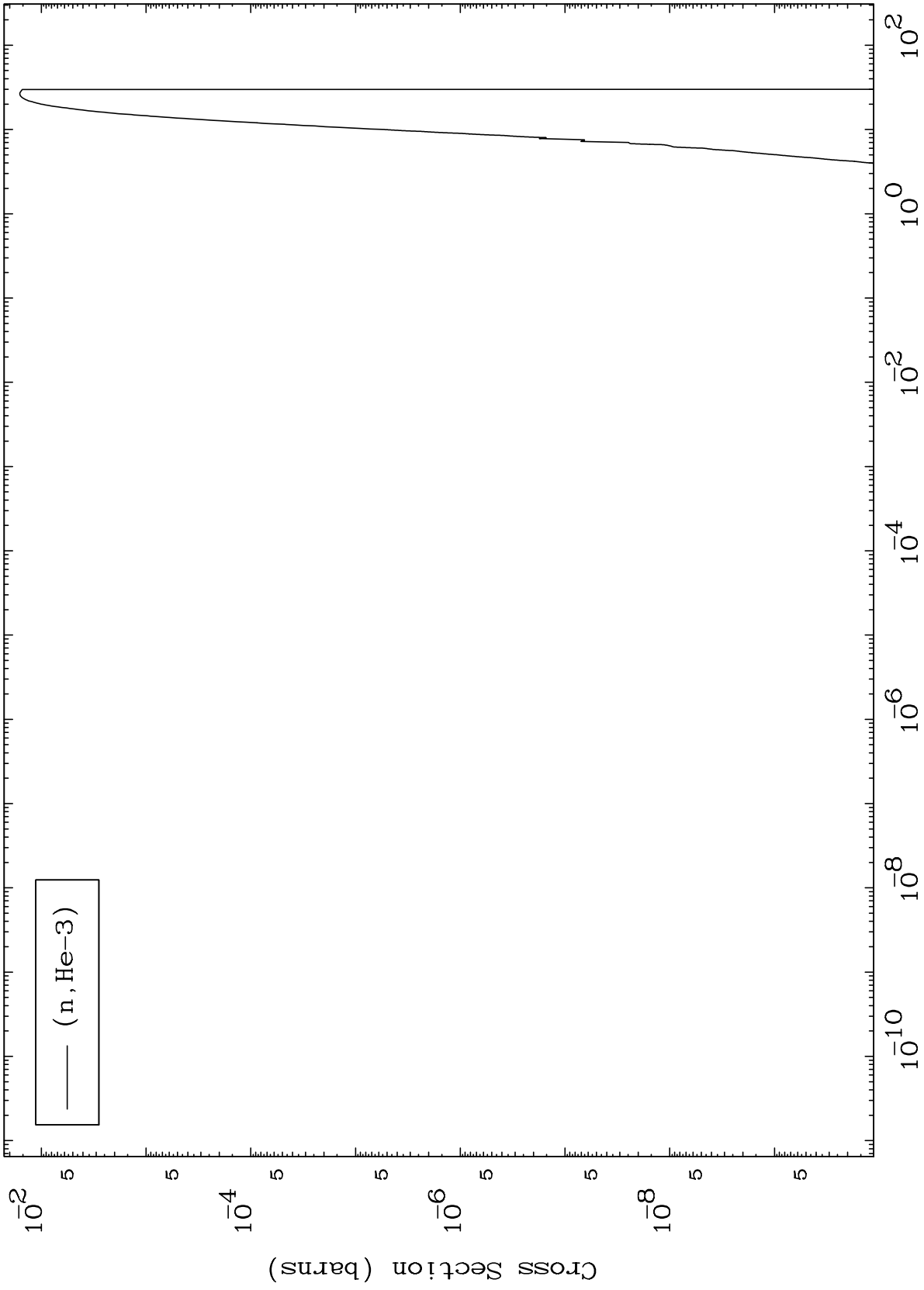
53-I -113



MAT 5283

(n,He3) Levels
293 Kelvin Cross Sections

53-I -113



12

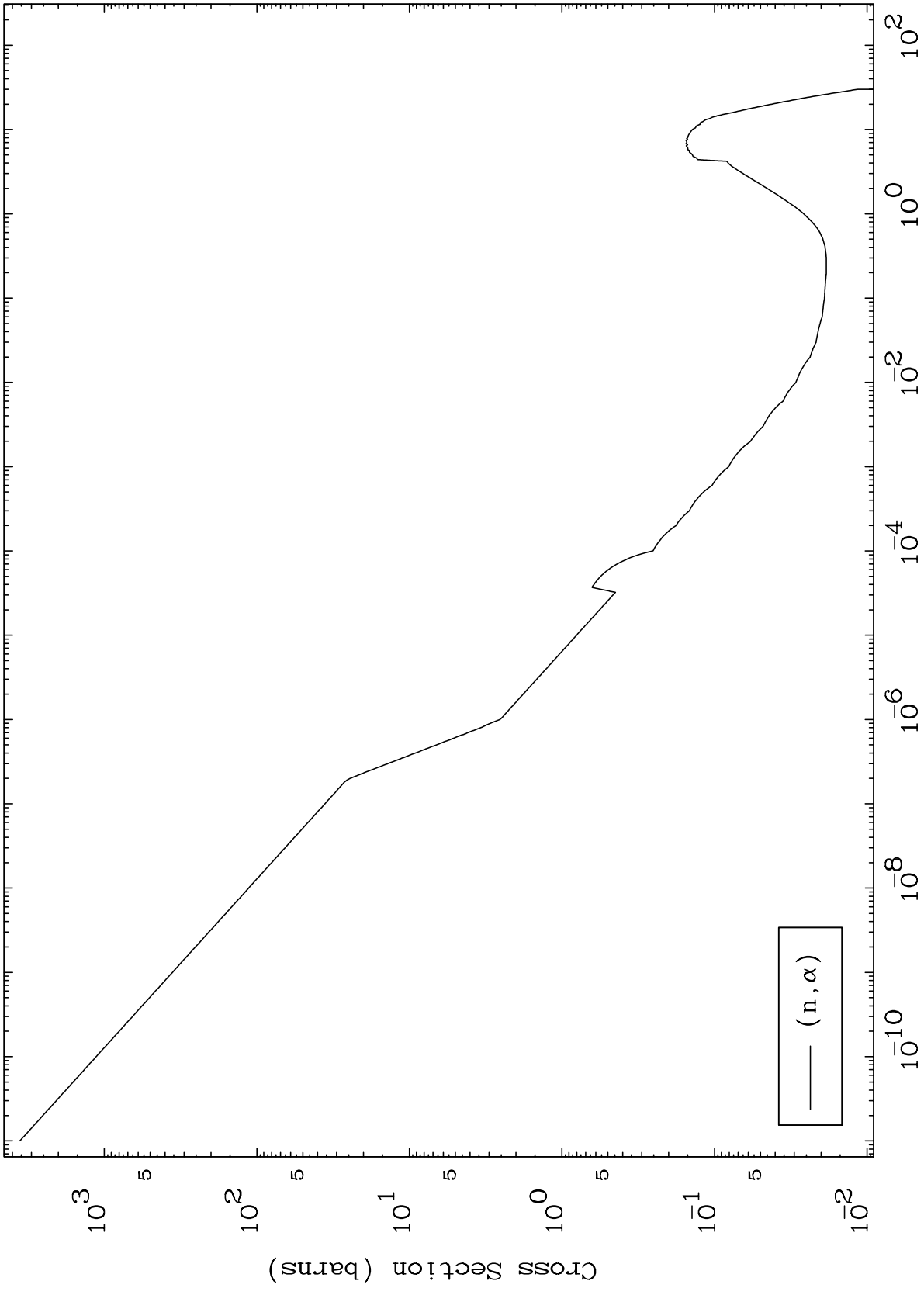
Incident Energy (MeV)

53-I -113

MAT 5283

(n,α) Levels
293 Kelvin Cross Sections

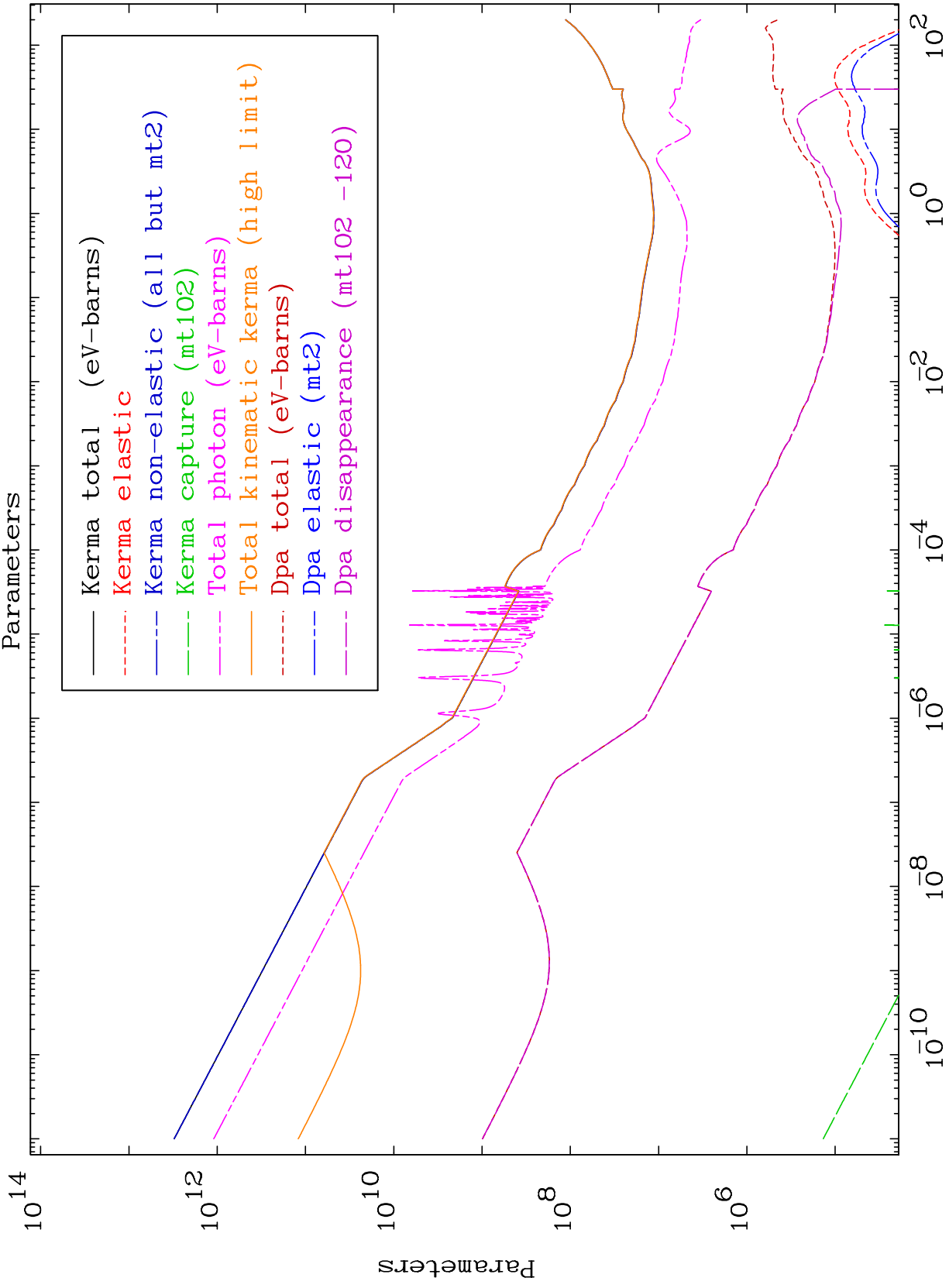
53-I -113

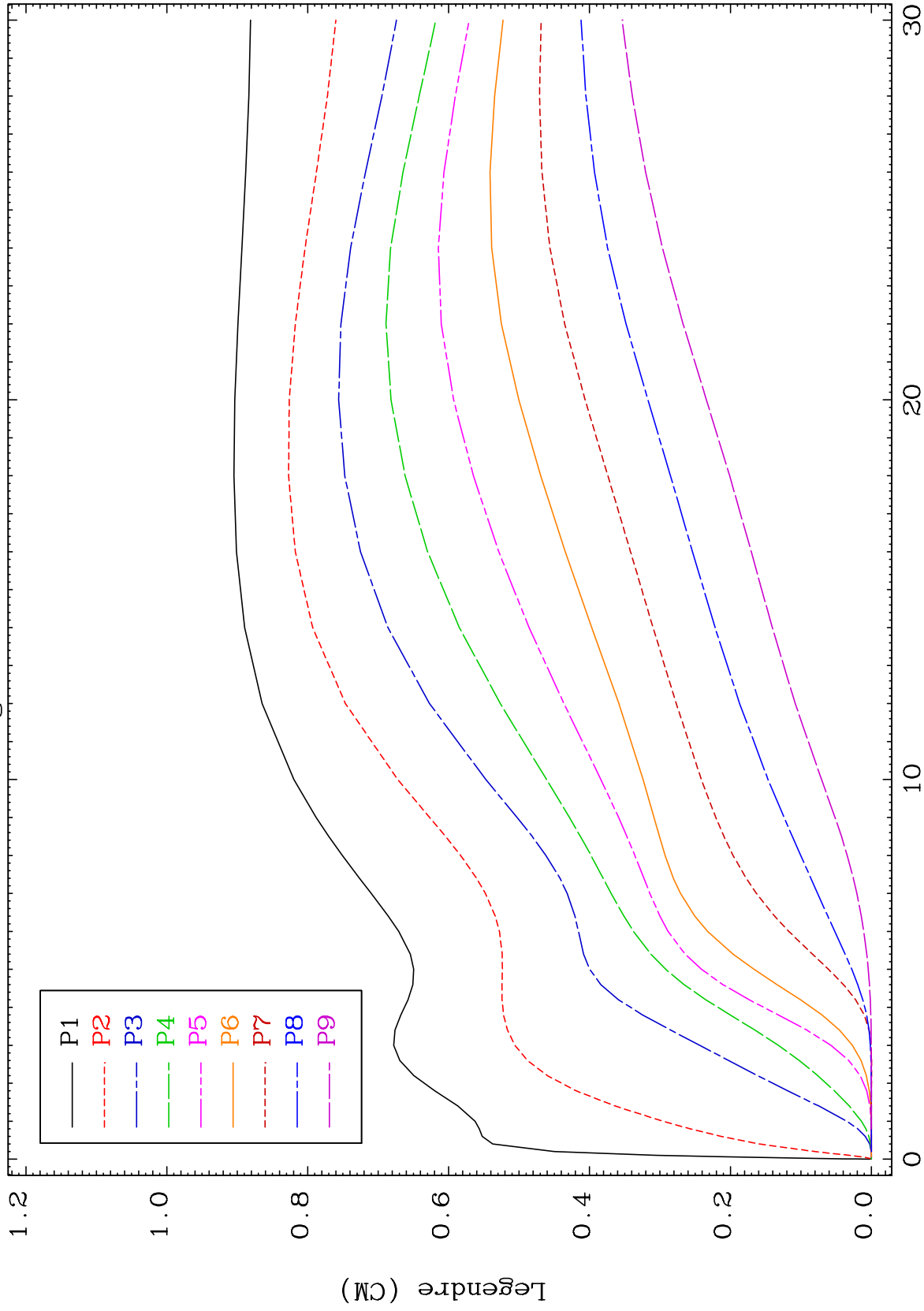


13

Incident Energy (MeV)

53-I -113

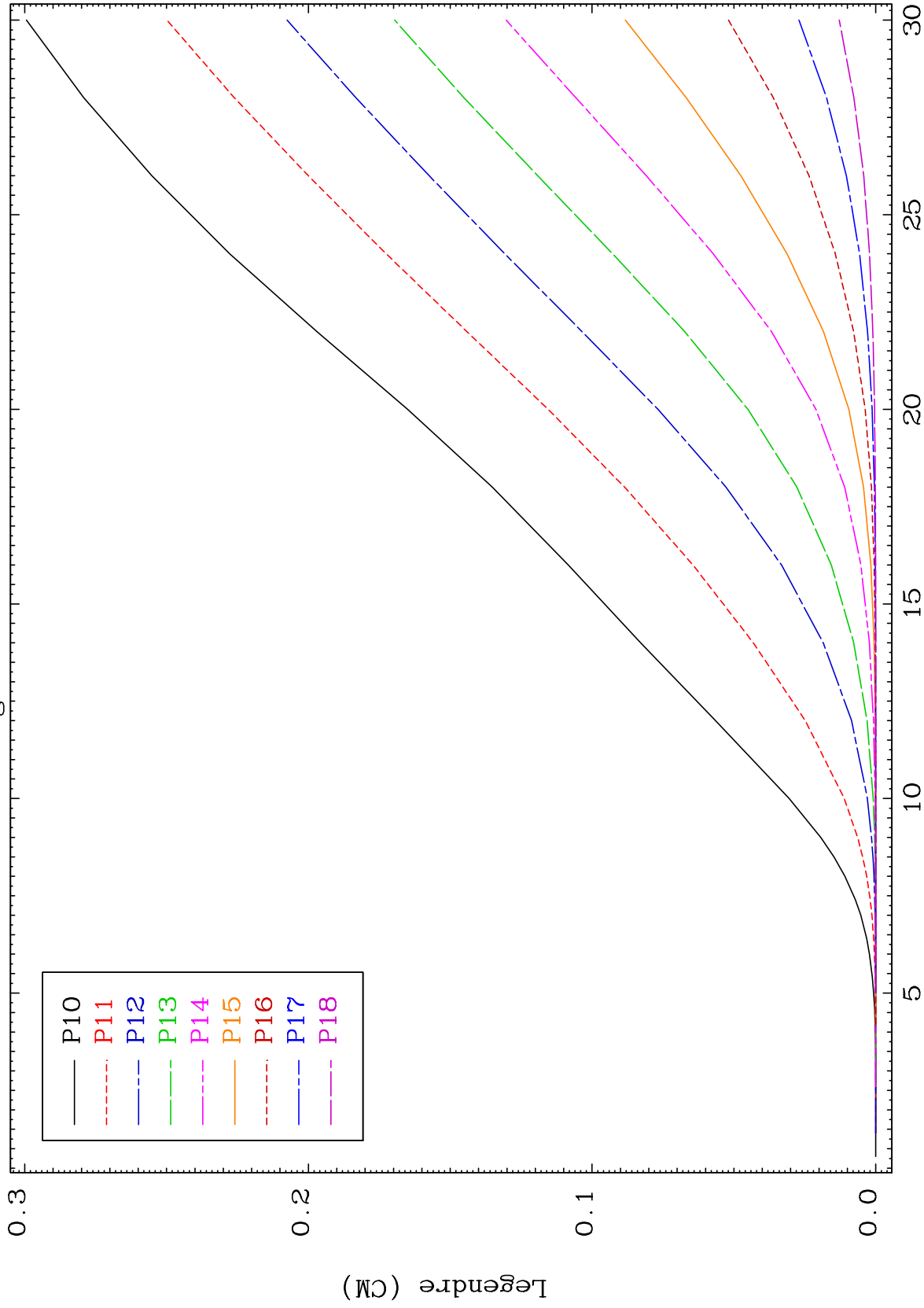




MAT 5283

Elastic Legendre Coefficients

53-I -113



16

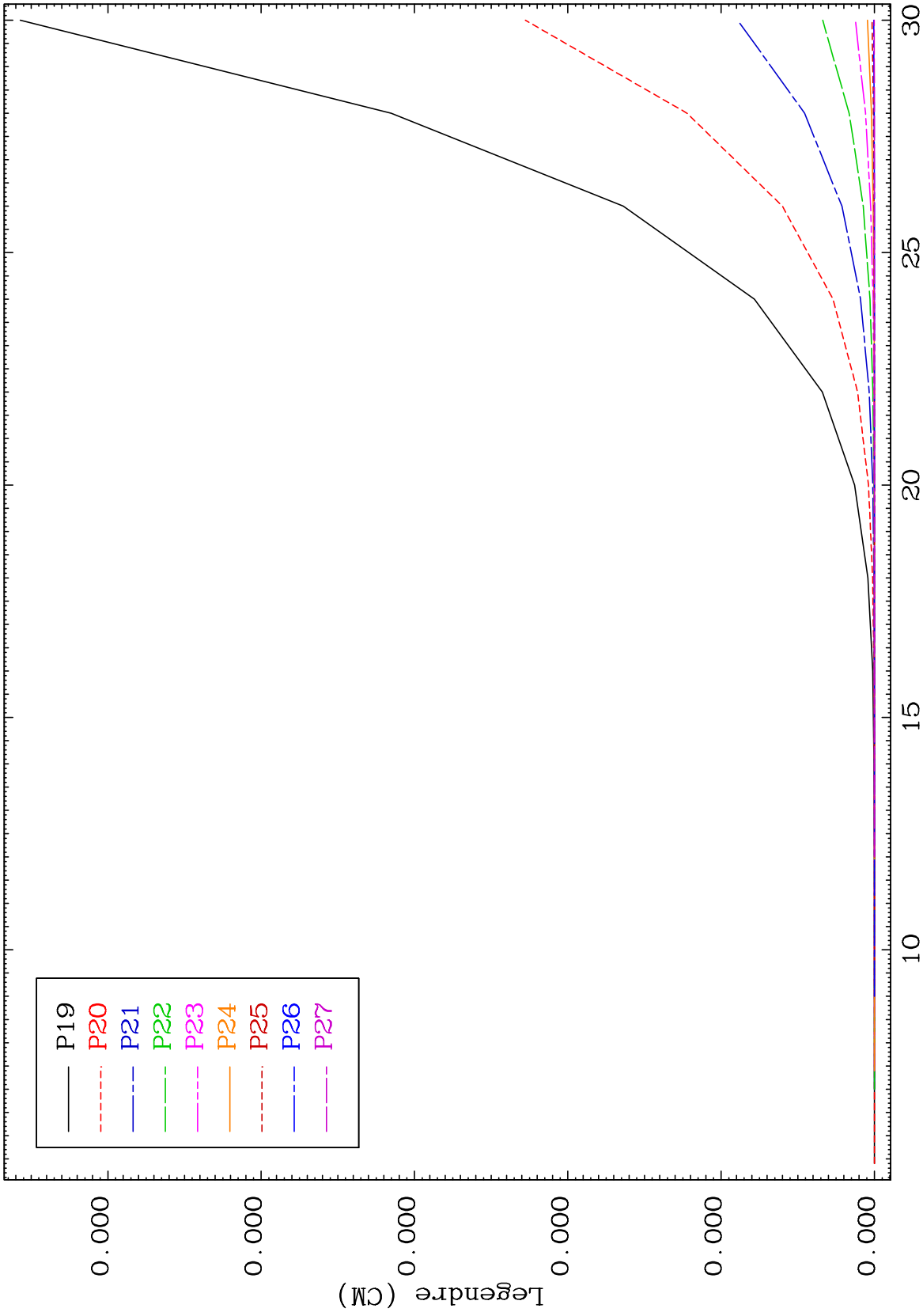
Incident Energy (MeV)

53-I -113

MAT 5283

Elastic Legendre Coefficients

53-I -113



17

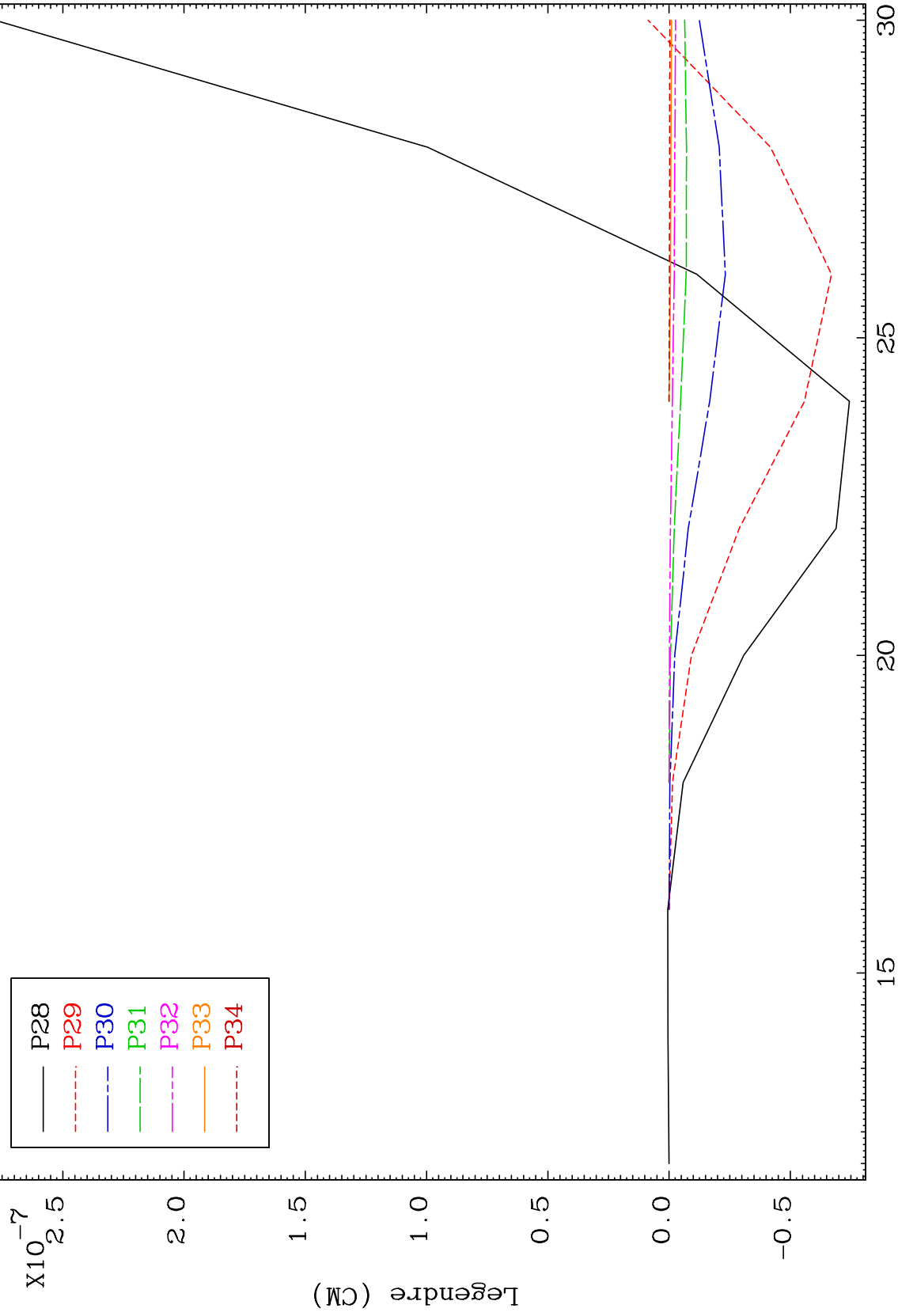
Incident Energy (MeV)

53-I -113

MAT 5283

Elastic Legendre Coefficients

53-I -113



18

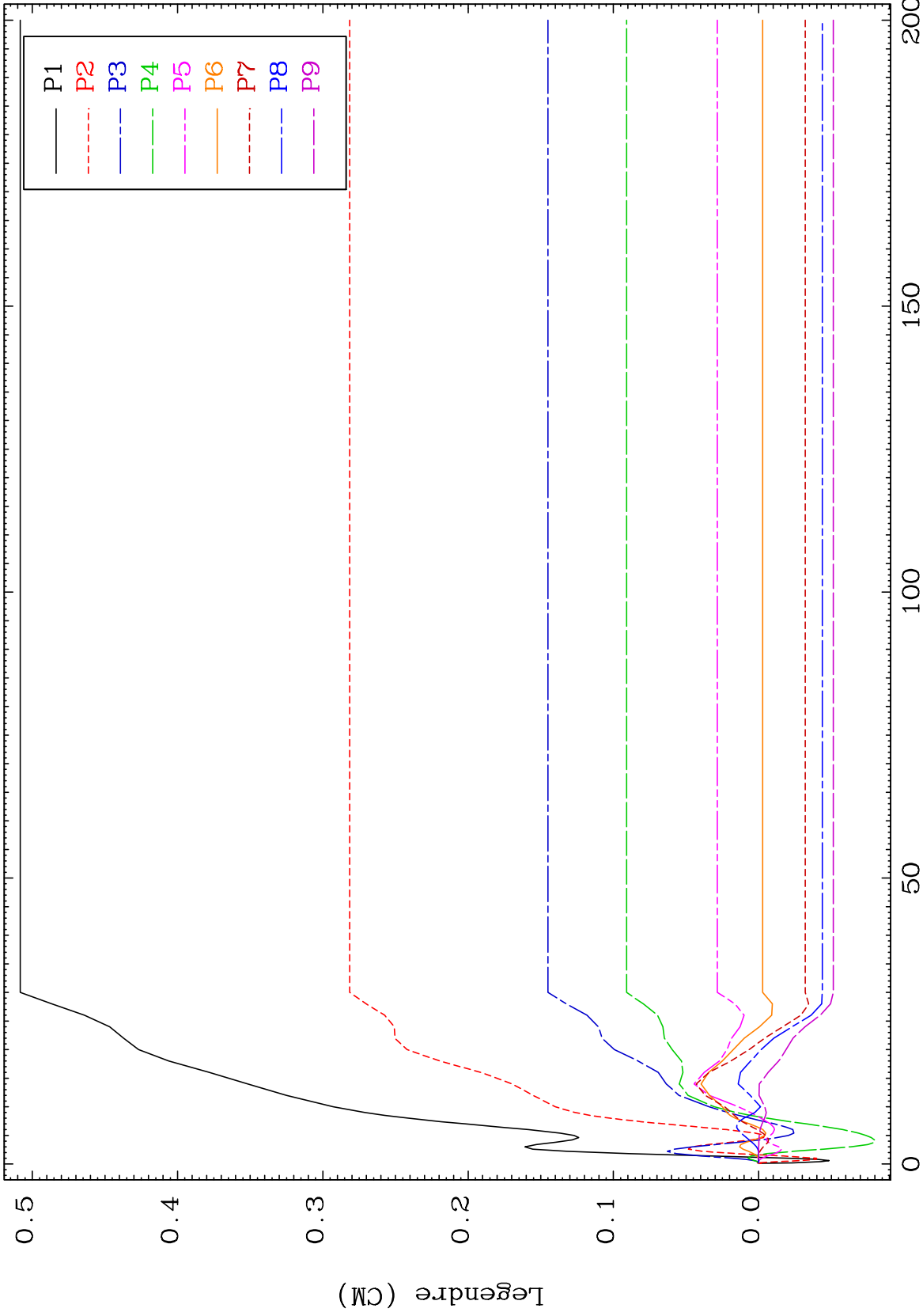
Incident Energy (MeV)

53-I -113

MAT 5283

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

53-I -113



19

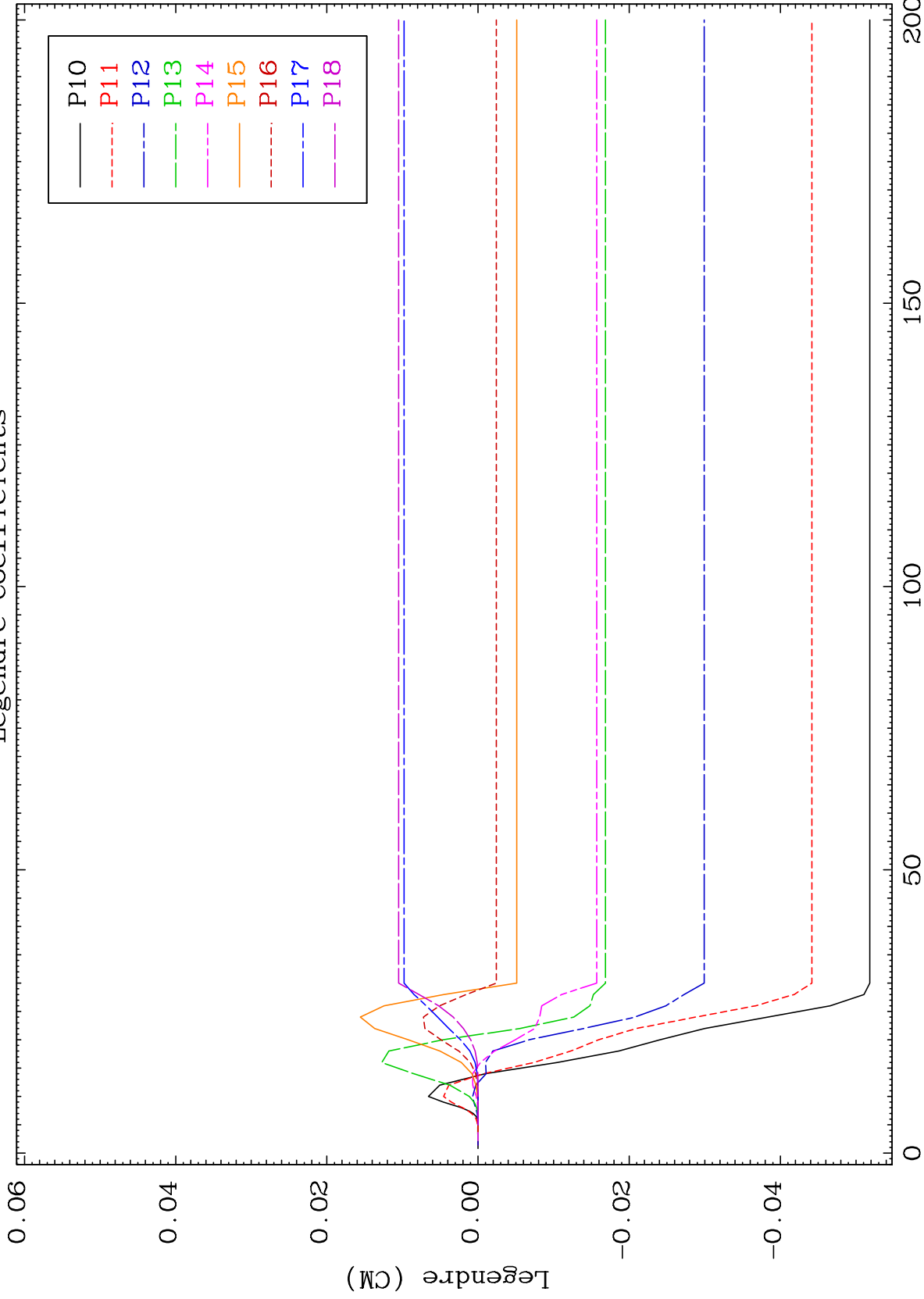
Incident Energy (MeV)

53-I -113

MAT 5283

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

53-I -113



20

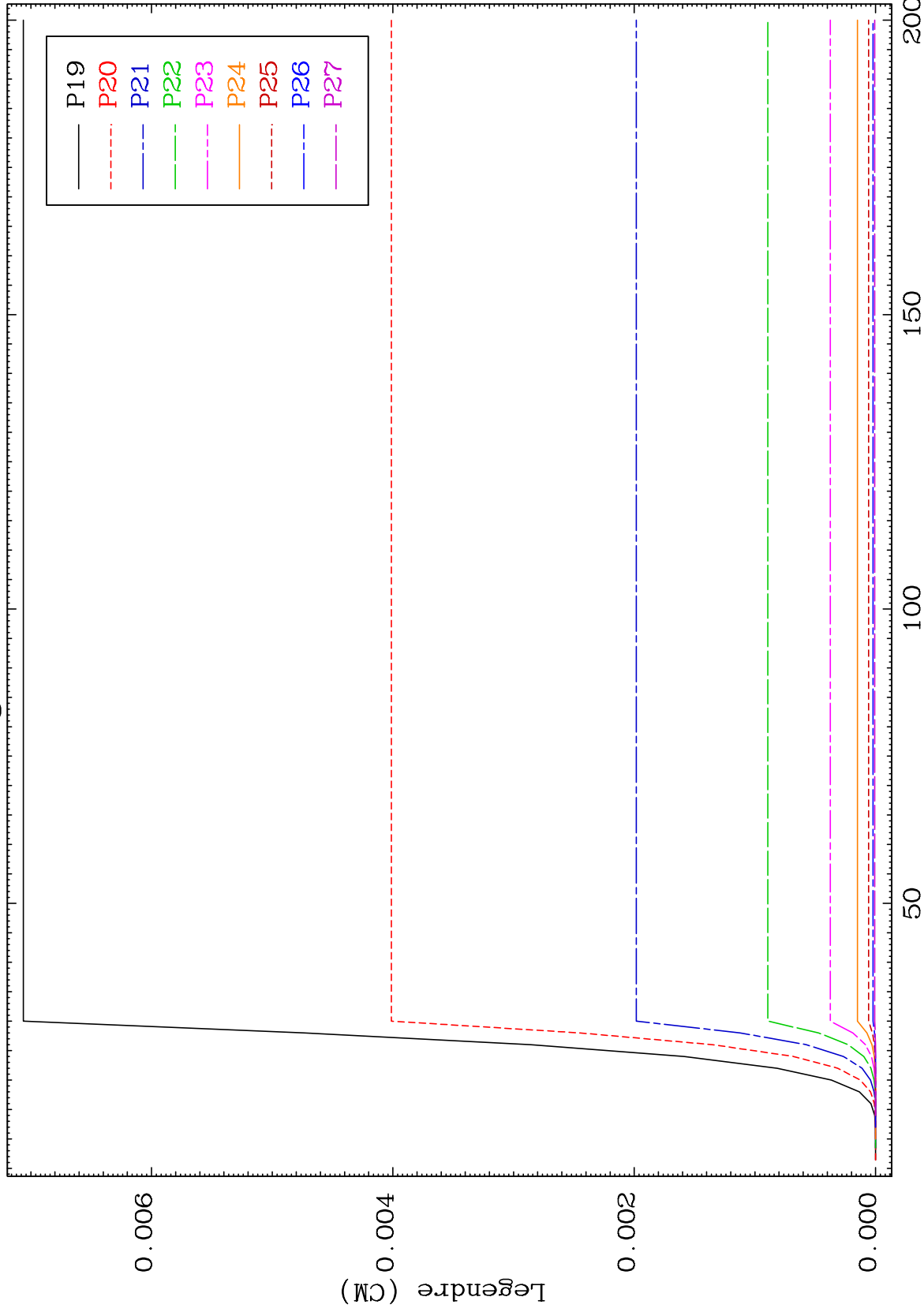
Incident Energy (MeV)

53-I -113

MAT 5283

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

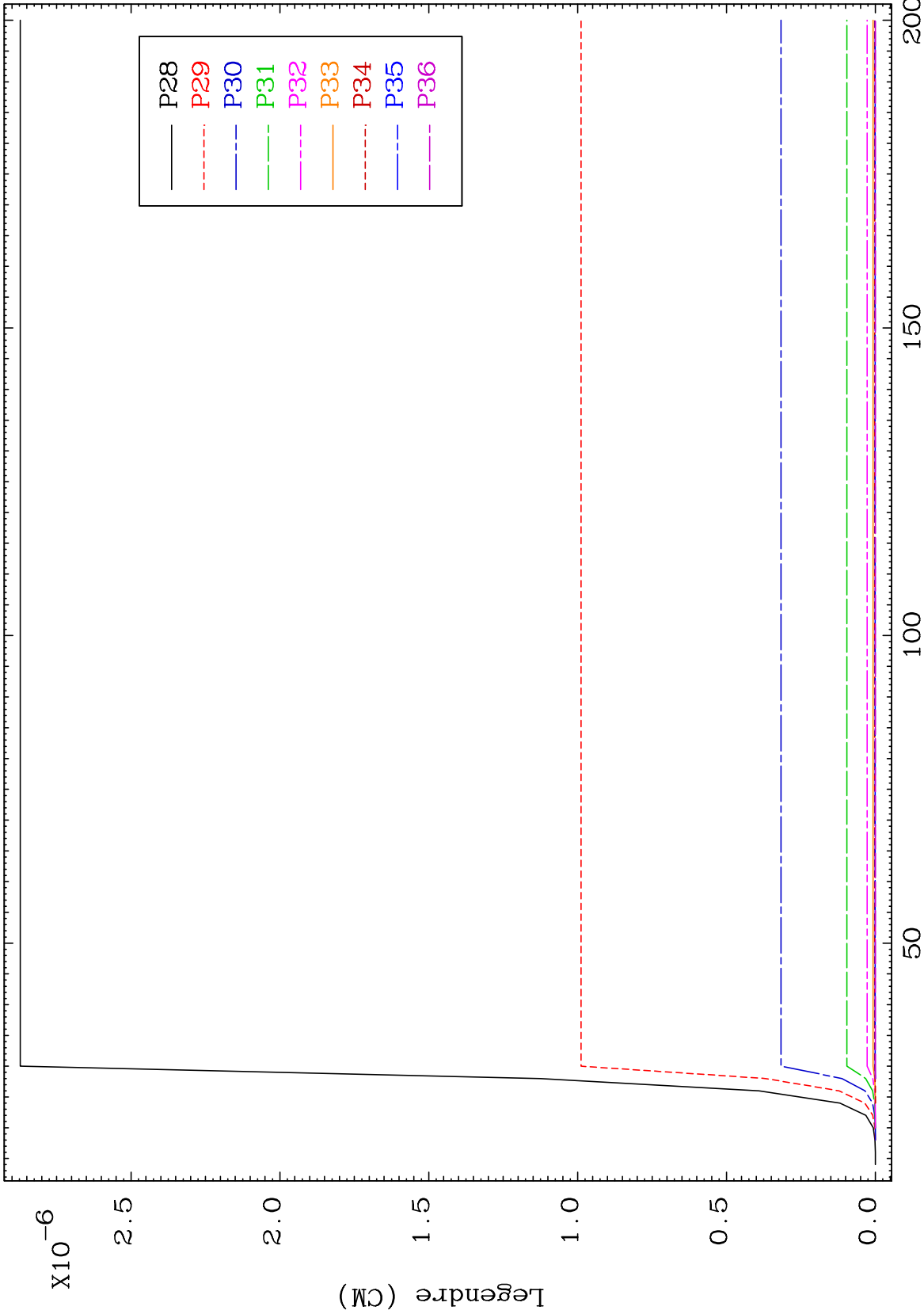
53-I -113

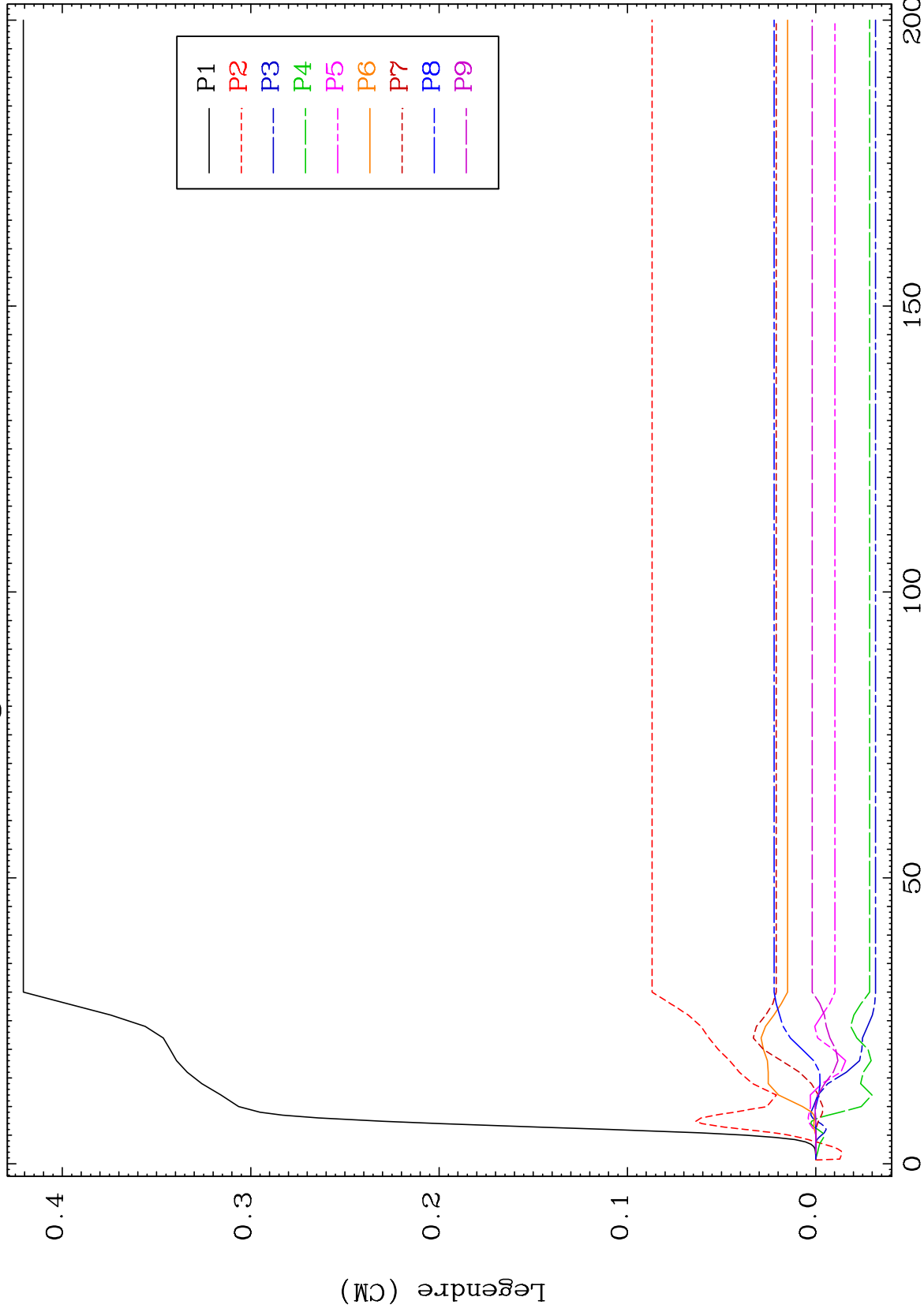


21

Incident Energy (MeV)

53-I -113

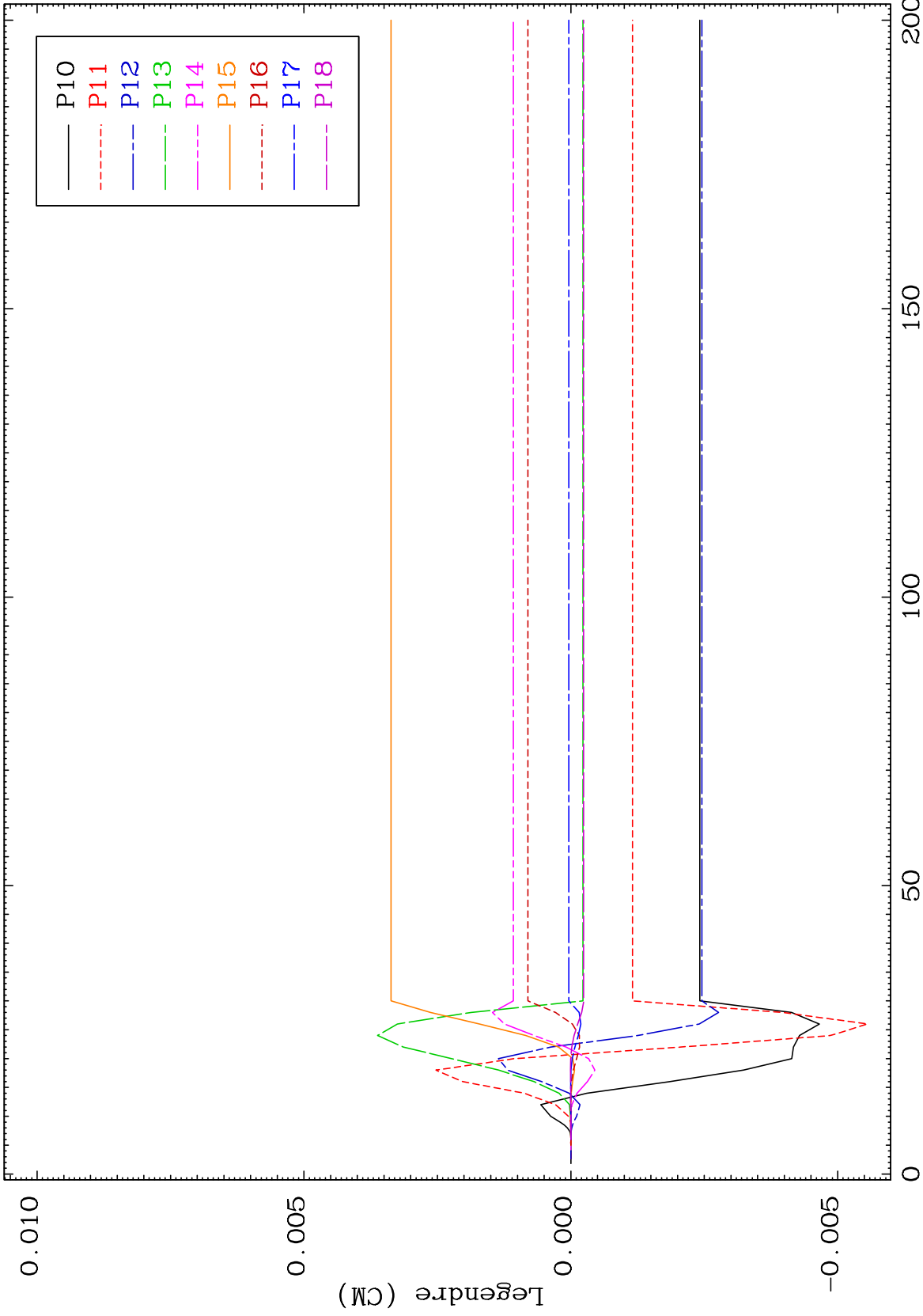




MAT 5283

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

53-I -113



24

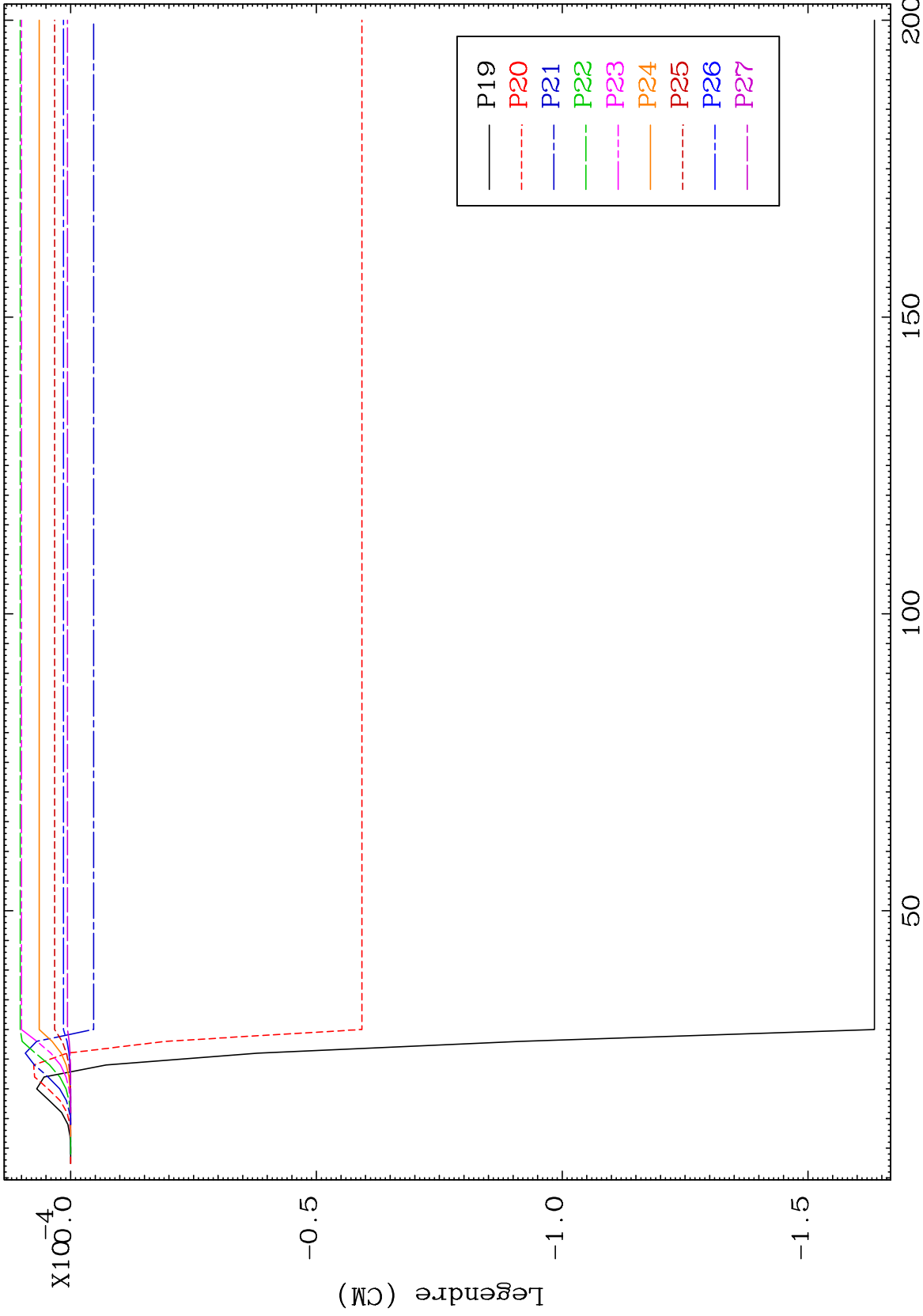
Incident Energy (MeV)

53-I -113

MAT 5283

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

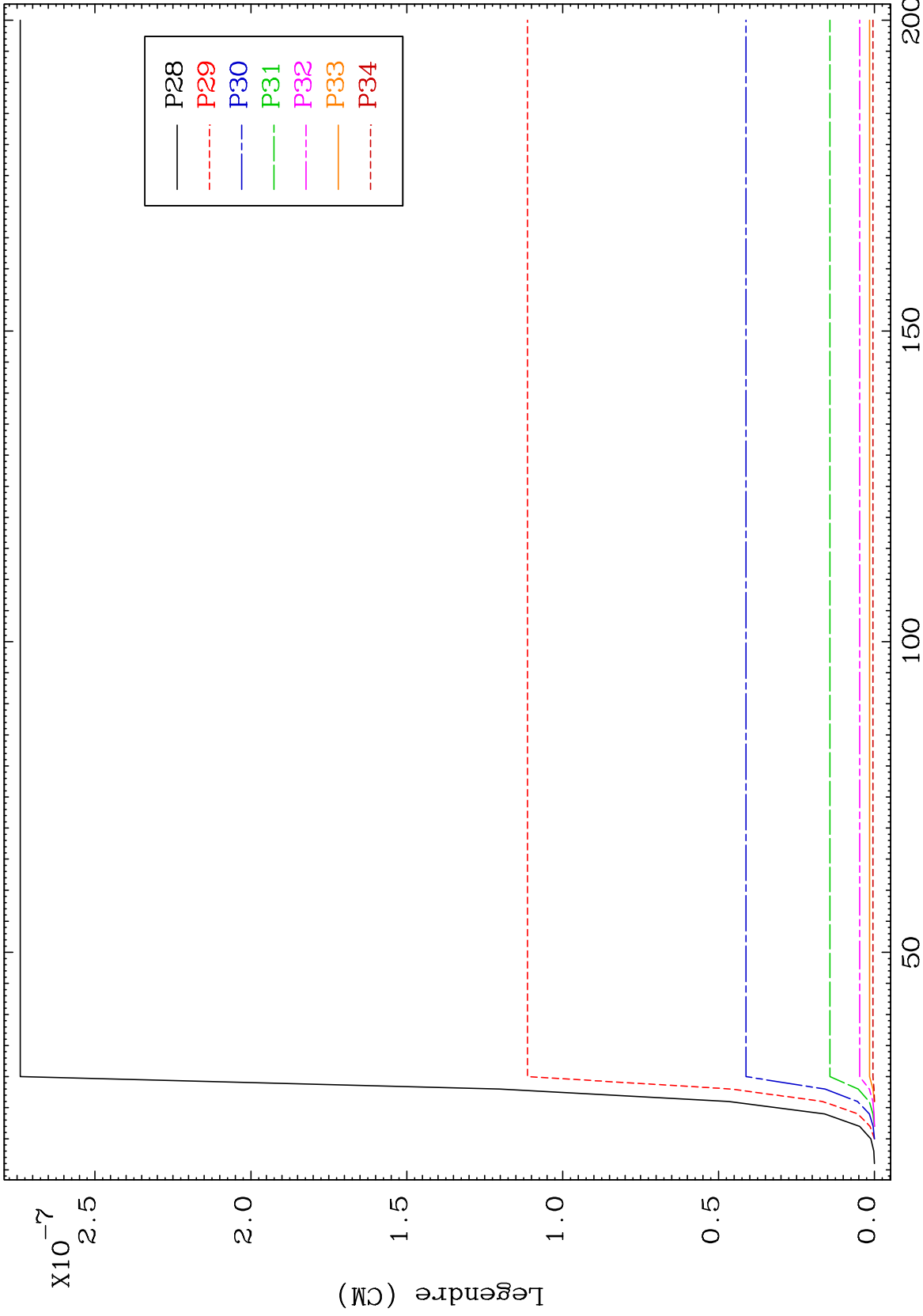
53-I -113



25

Incident Energy (MeV)

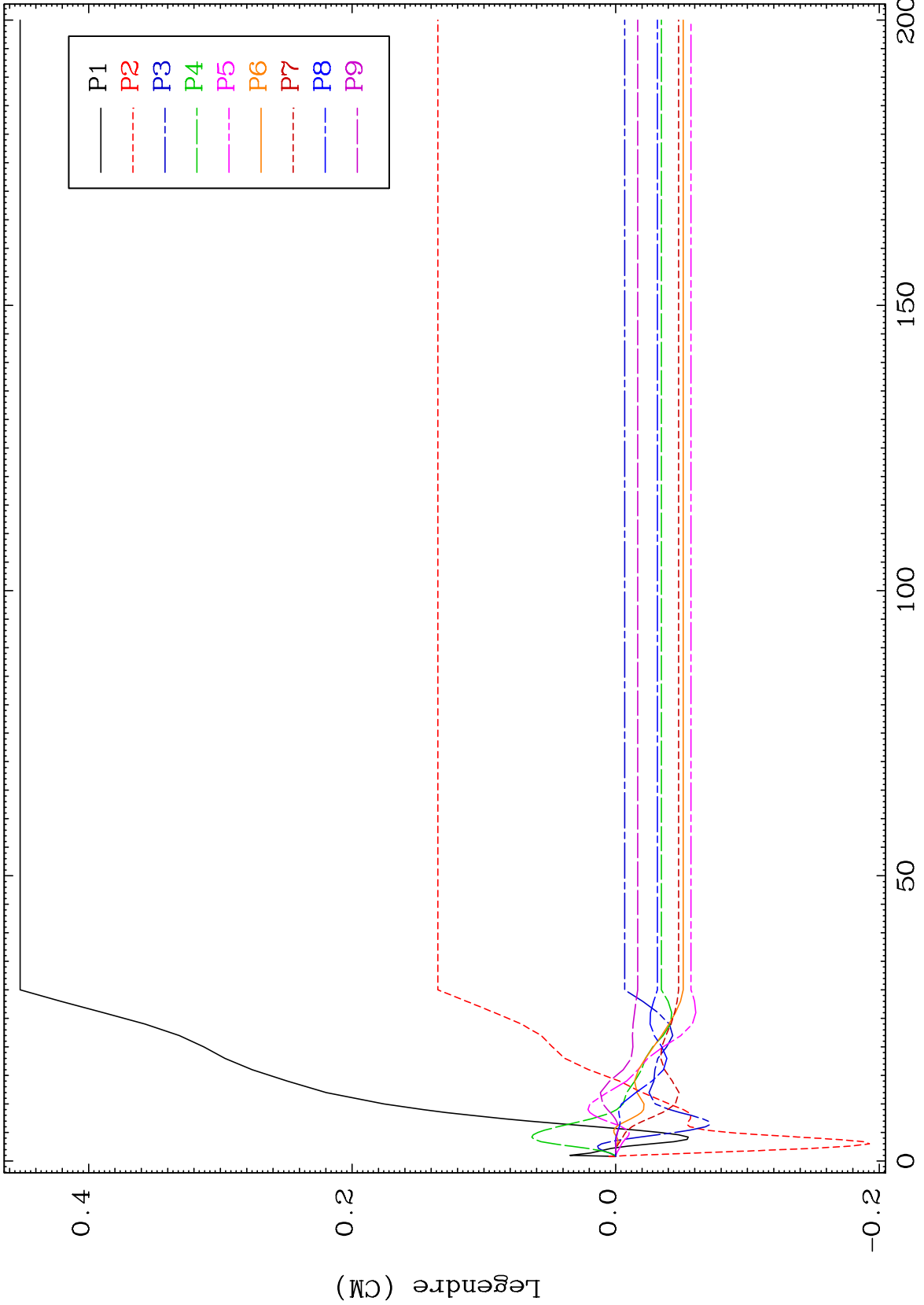
53-I -113



MAT 5283

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

53-I -113



27

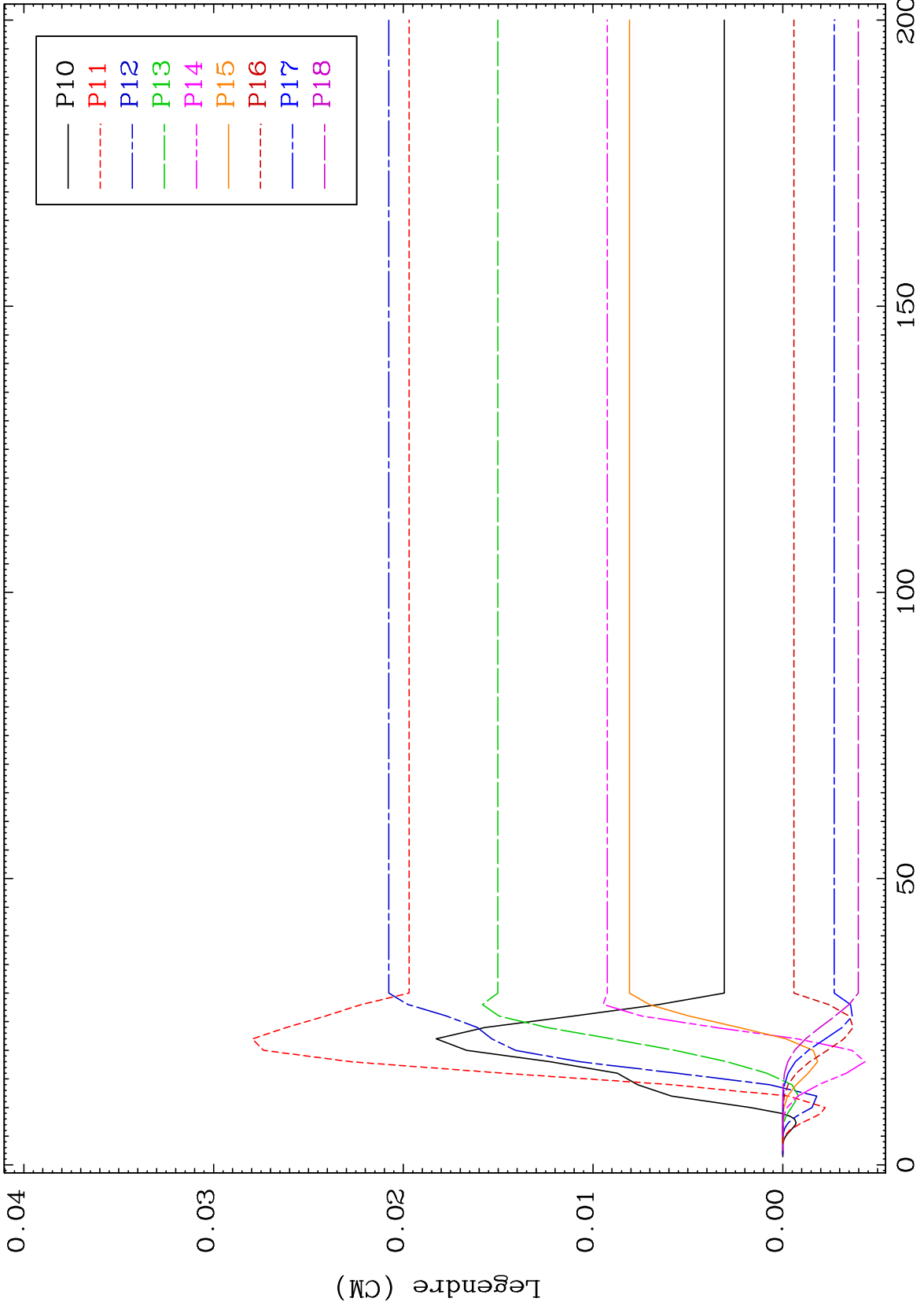
Incident Energy (MeV)

53-I -113

MAT 5283

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

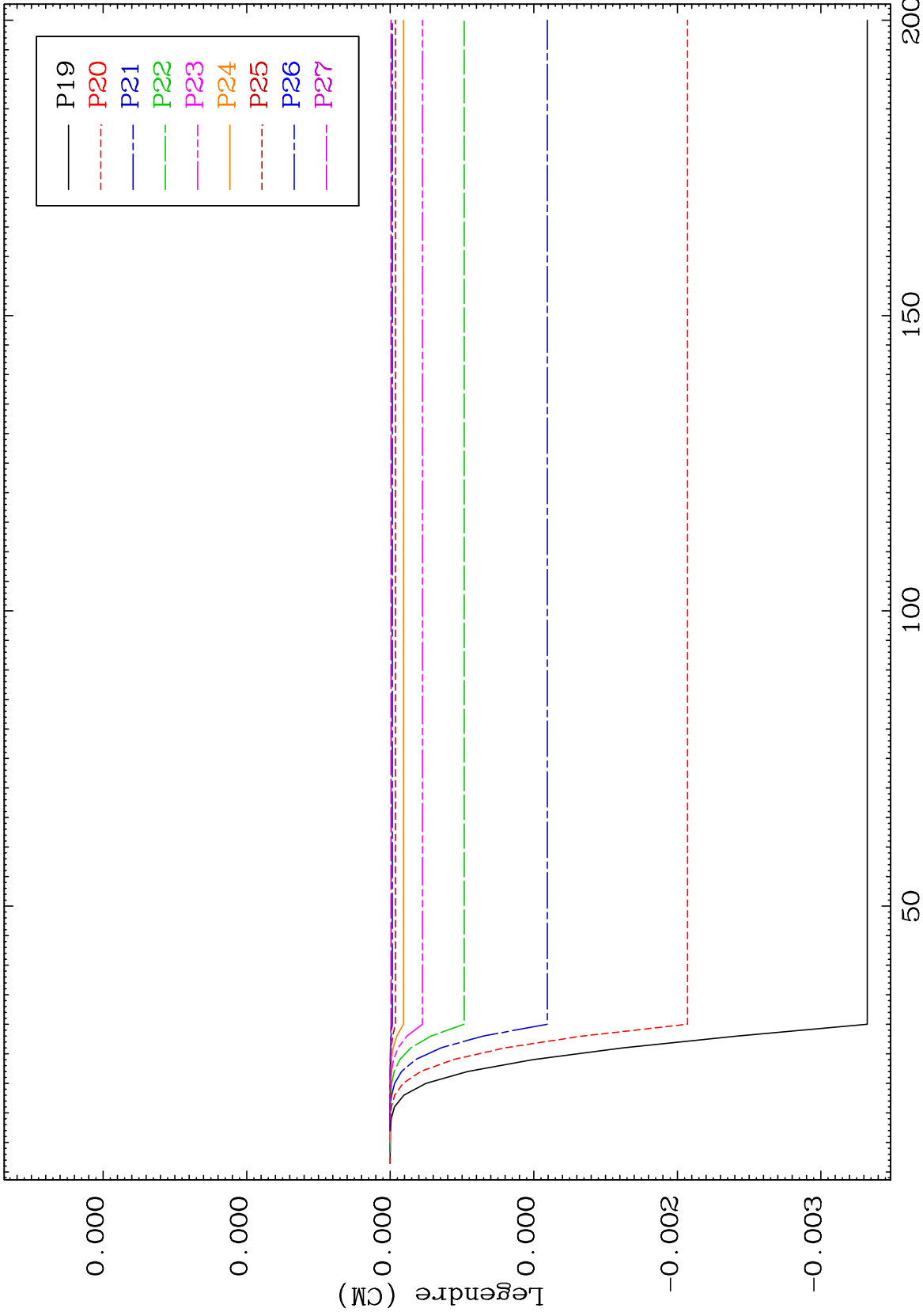
53-I -113



28

Incident Energy (MeV)

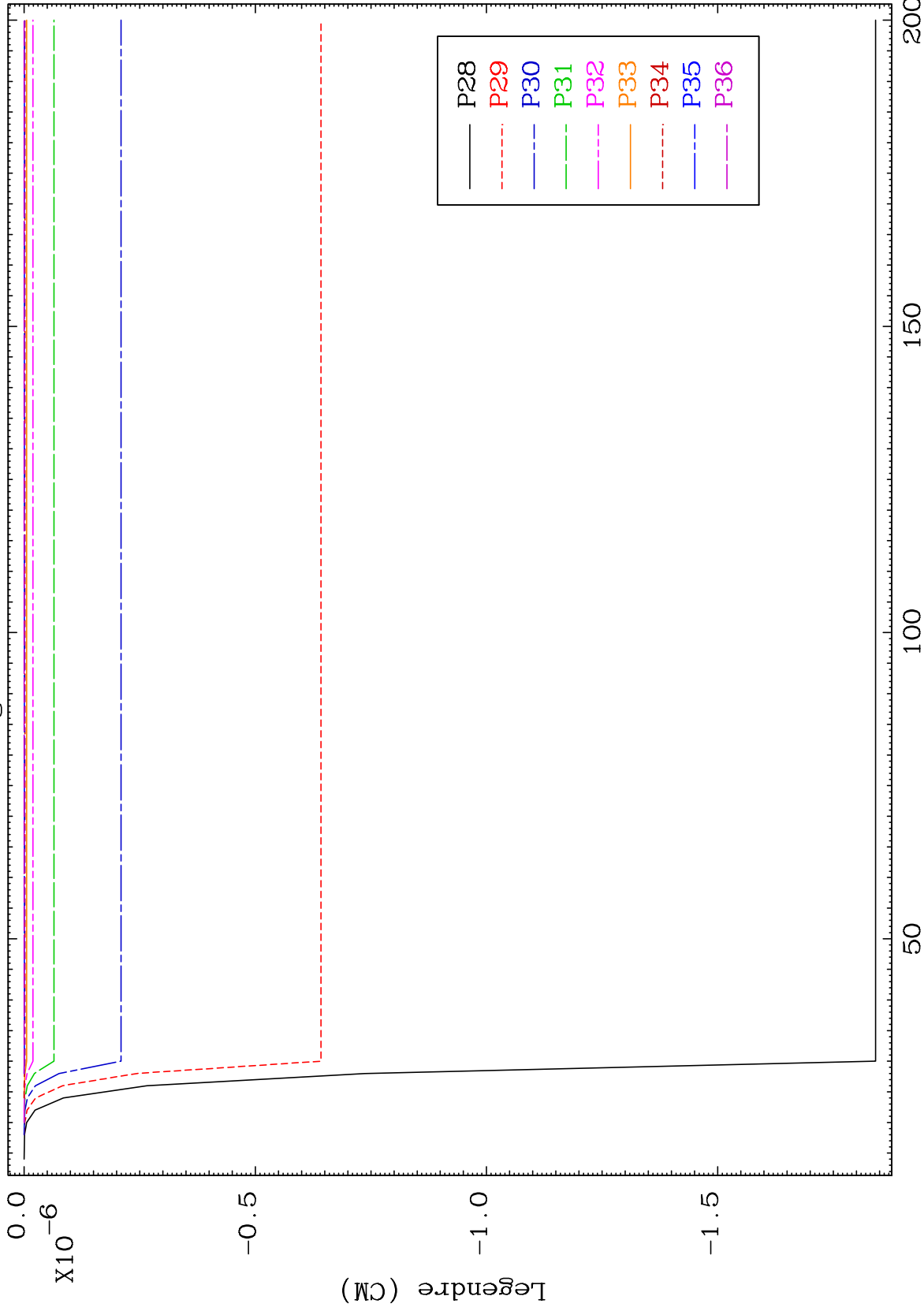
53-I -113



MAT 5283

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

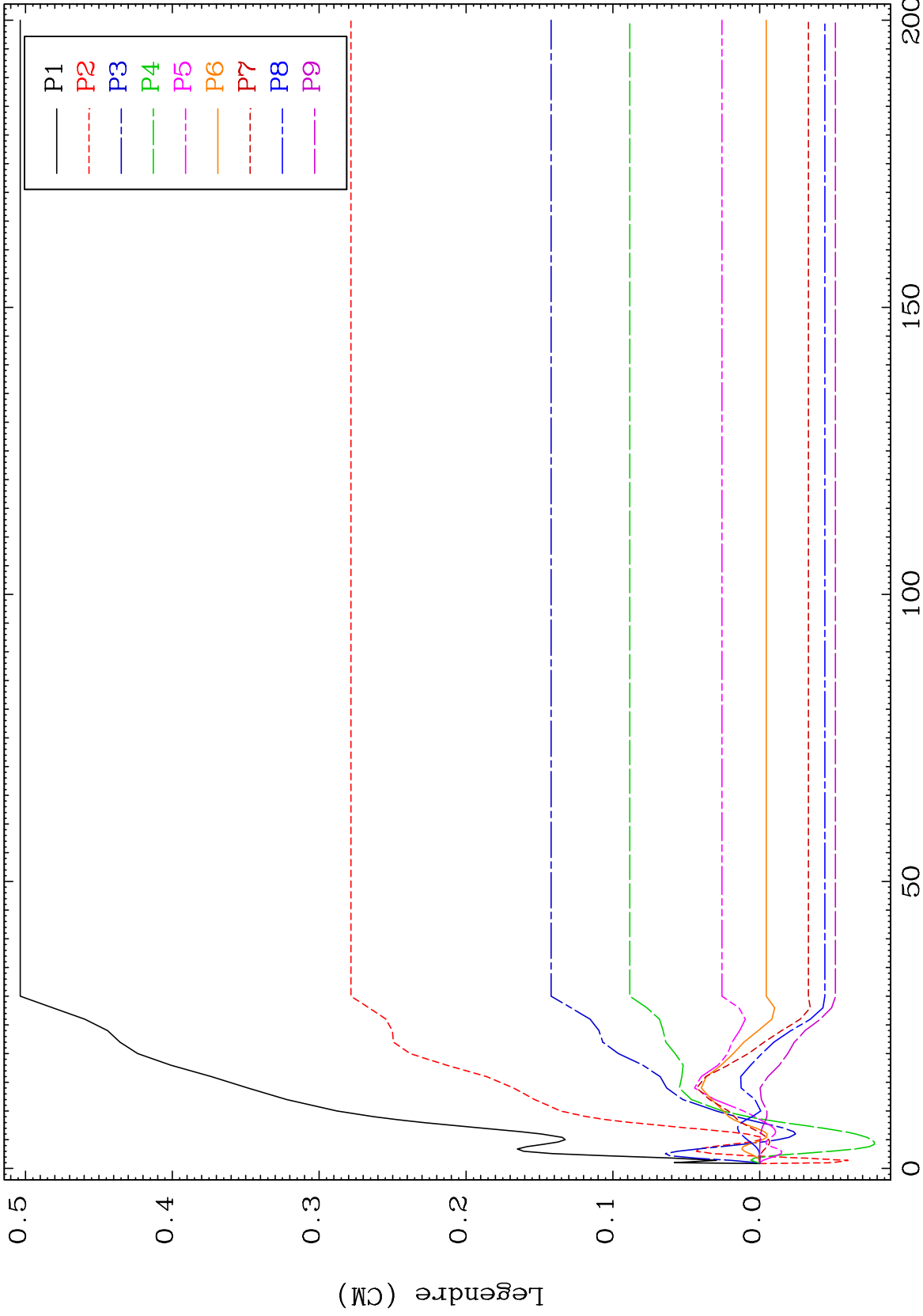
53-I -113



30

Incident Energy (MeV)

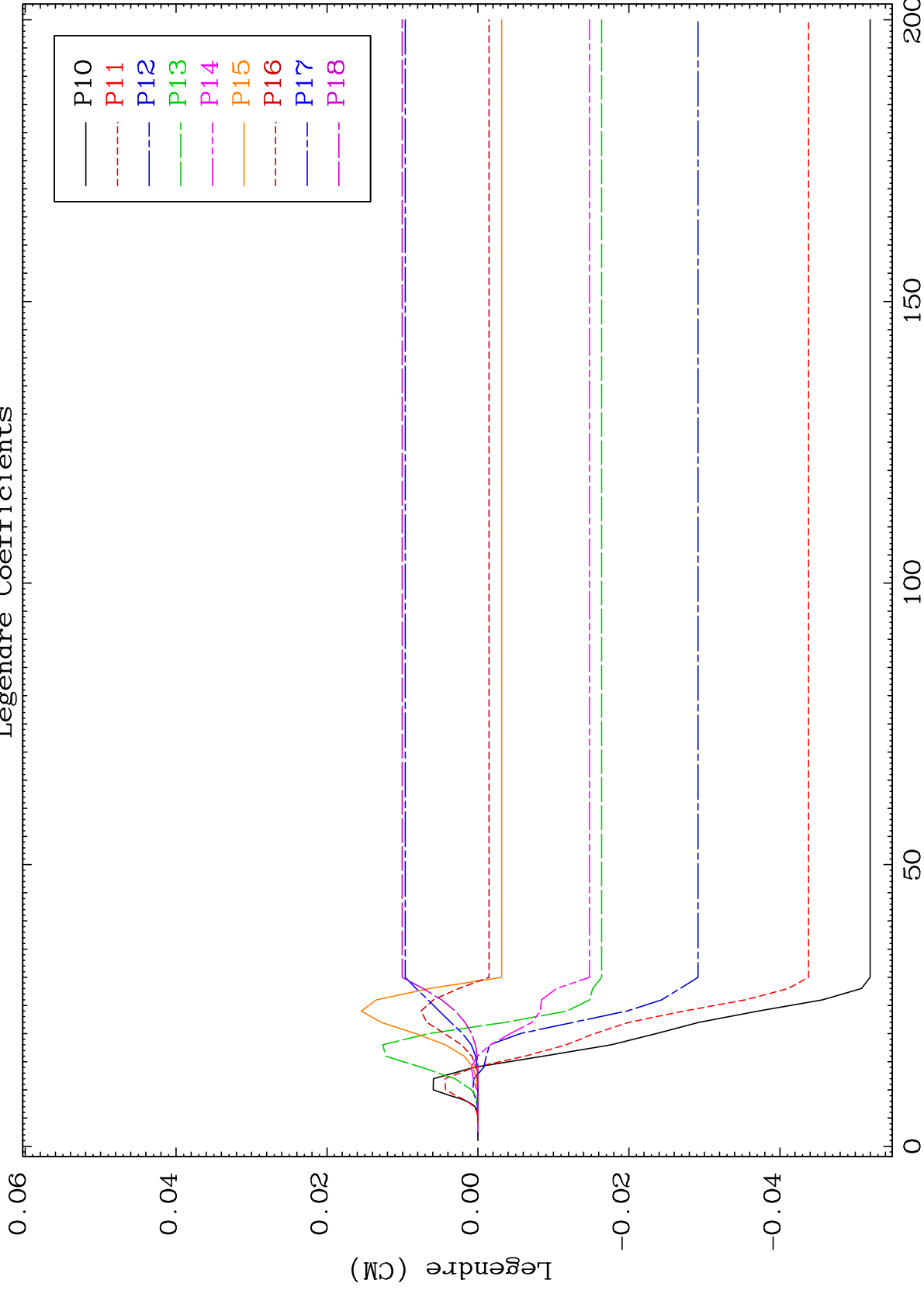
53-I -113



MAT 5283

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

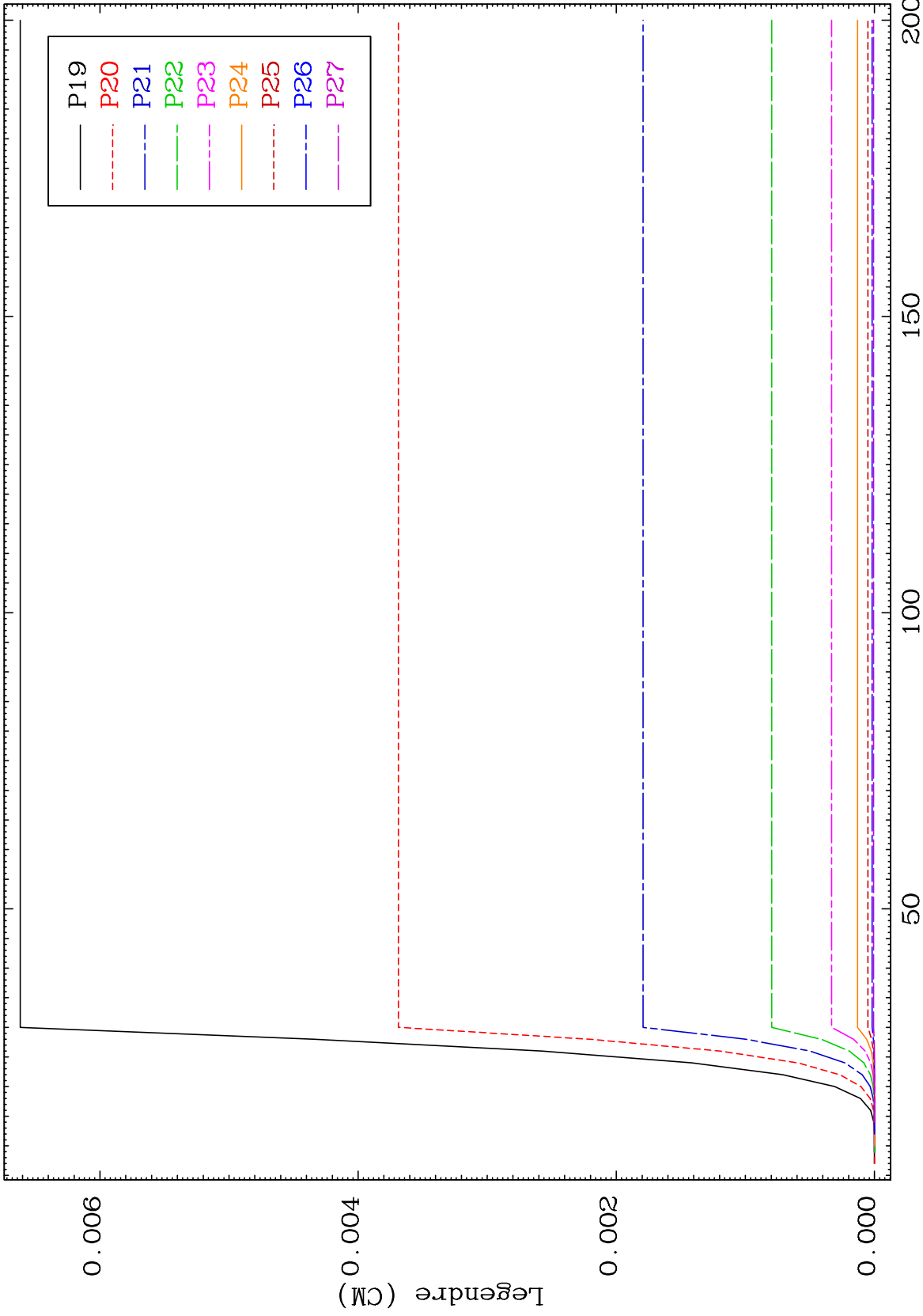
53-I -113

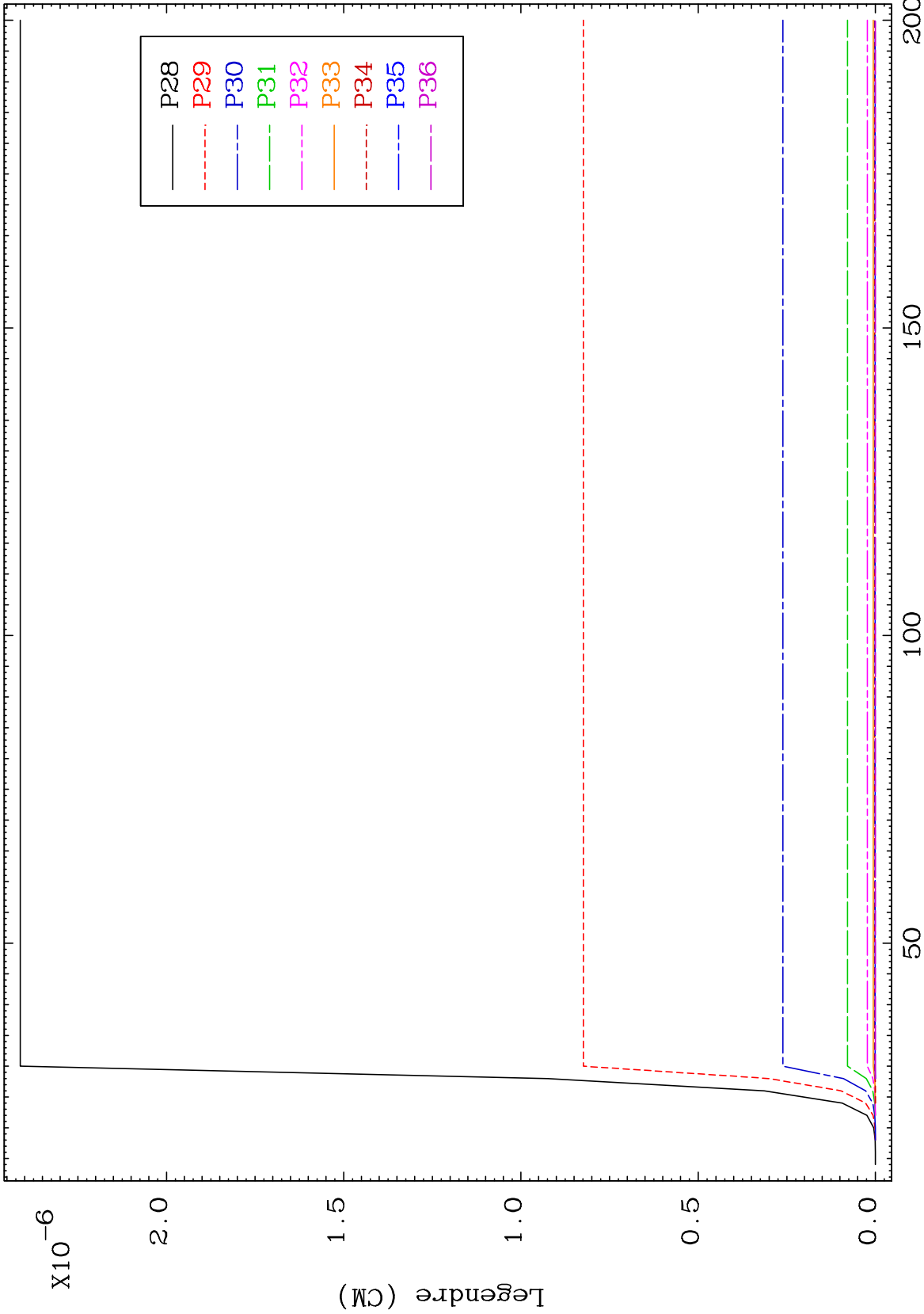


32

Incident Energy (MeV)

53-I -113



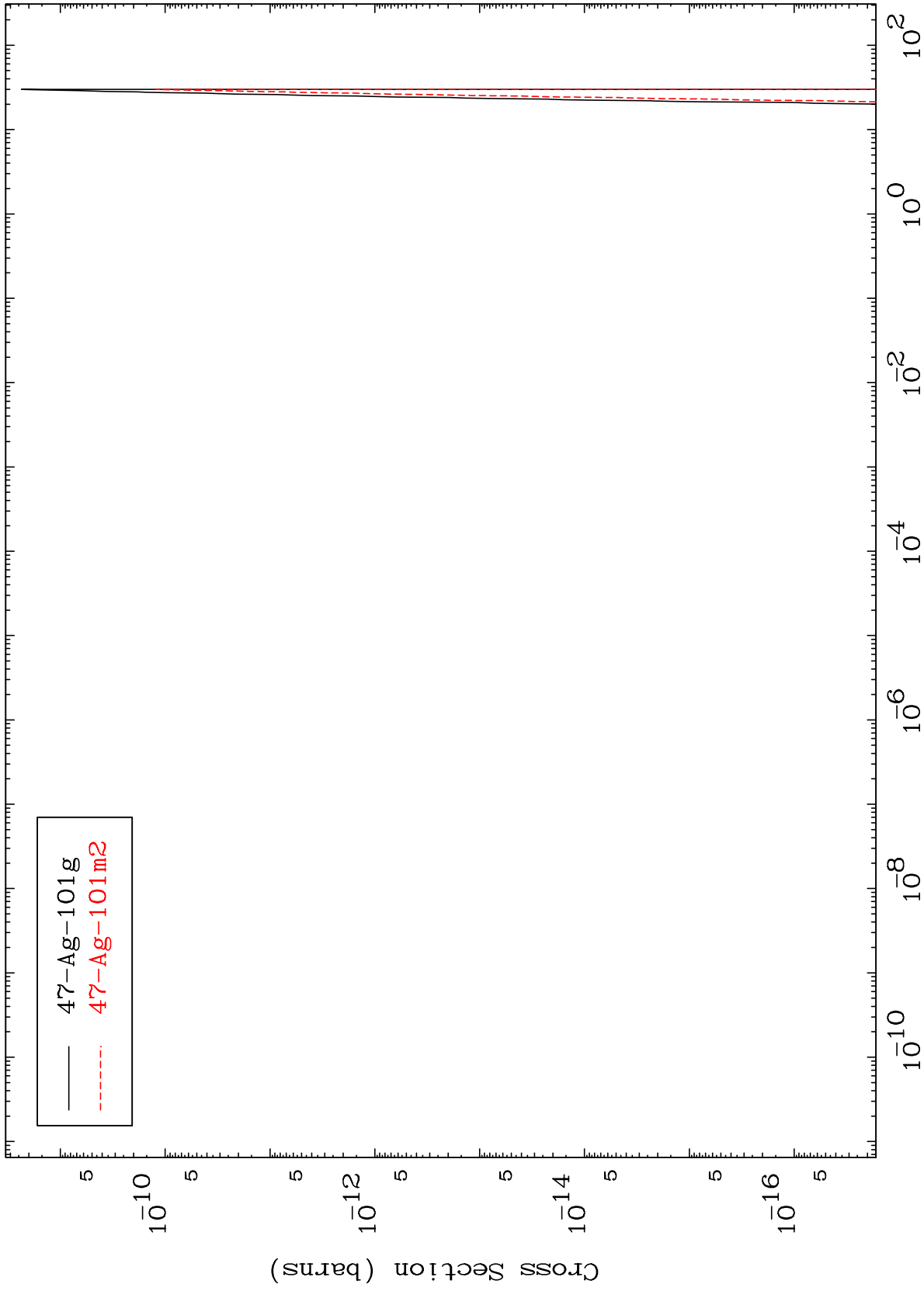


MAT 5283

(n,n') 3α

53-I -113

Radionuclide Production Cross Section



35

Incident Energy (MeV)

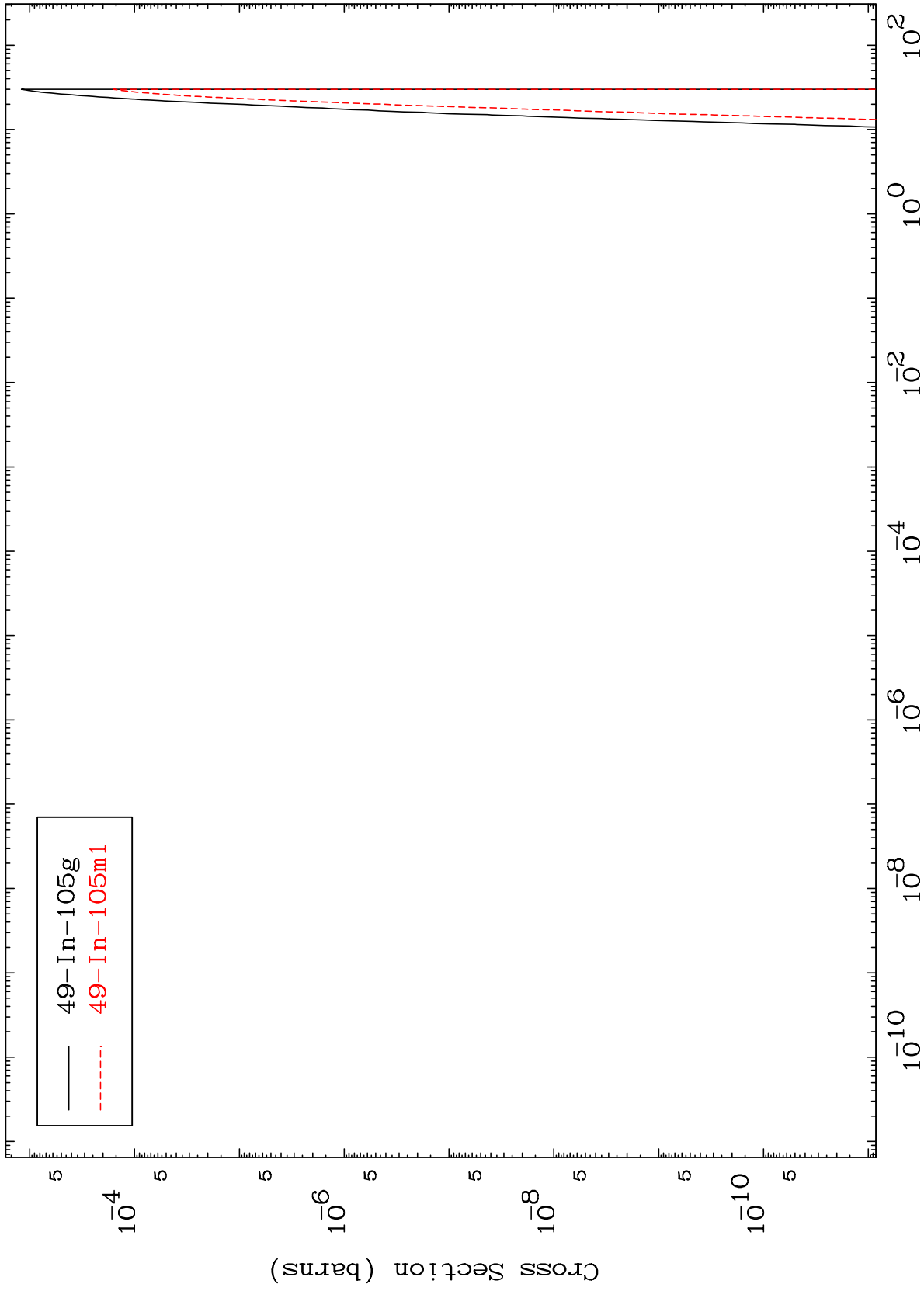
53-I -113

MAT 5283

(n,n') 2α

53-I -113

Radionuclide Production Cross Section



36

Incident Energy (MeV)

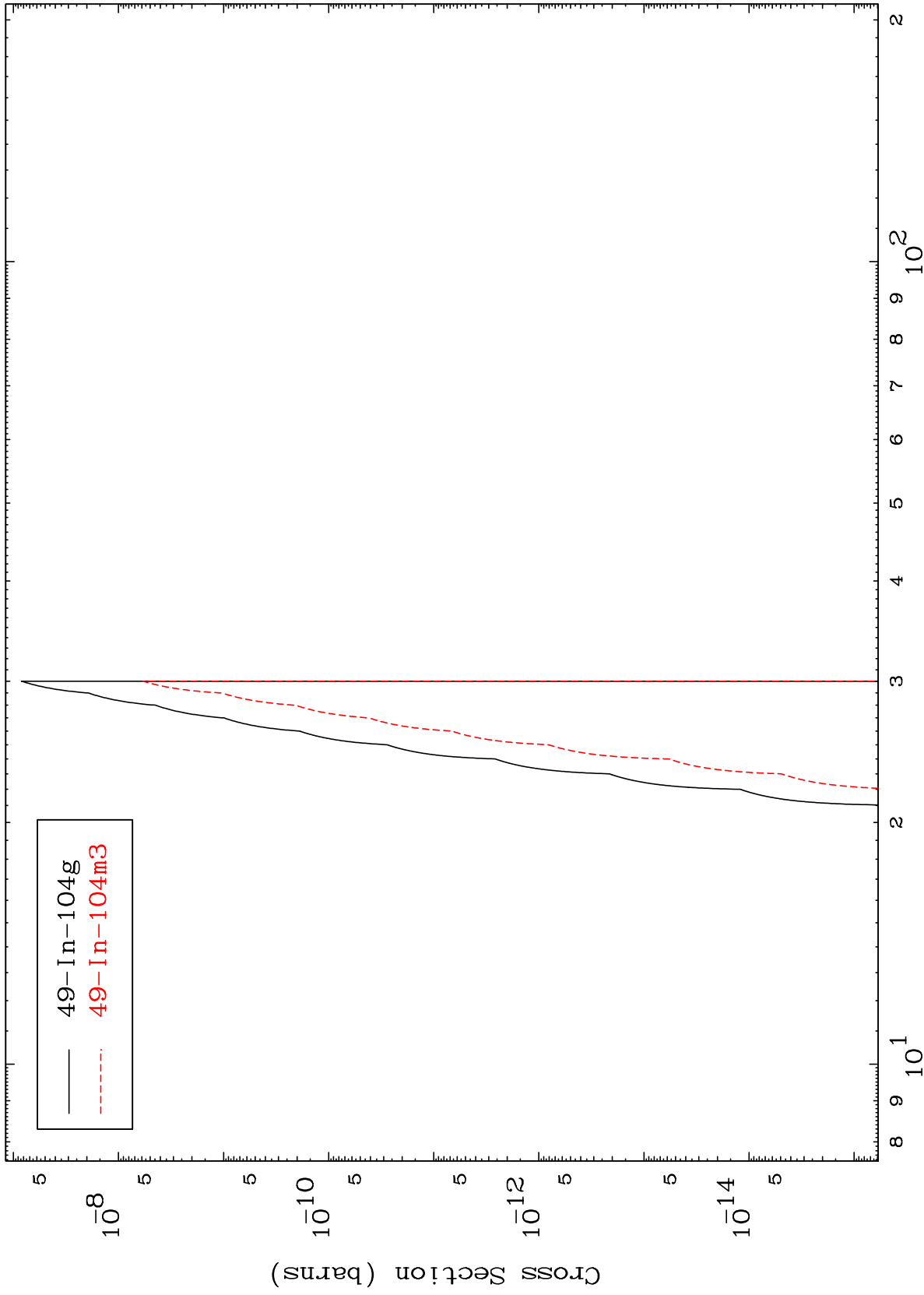
53-I -113

MAT 5283

(n,2n) 2α

53-I -113

Radionuclide Production Cross Section



37

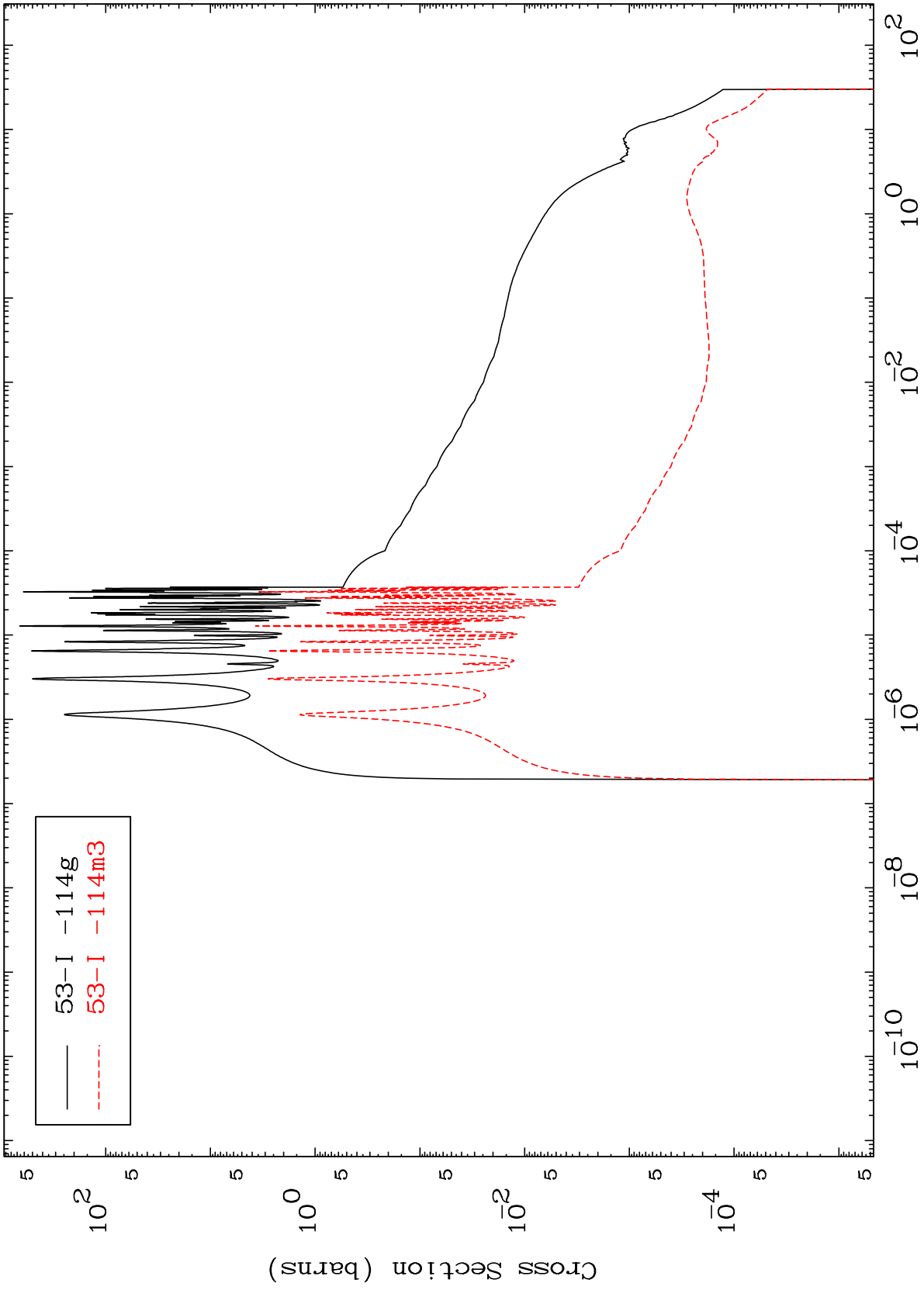
Incident Energy (MeV)

53-I -113

MAT 5283

53-I -113

Radionuclide Production Cross Section (n,γ)



38

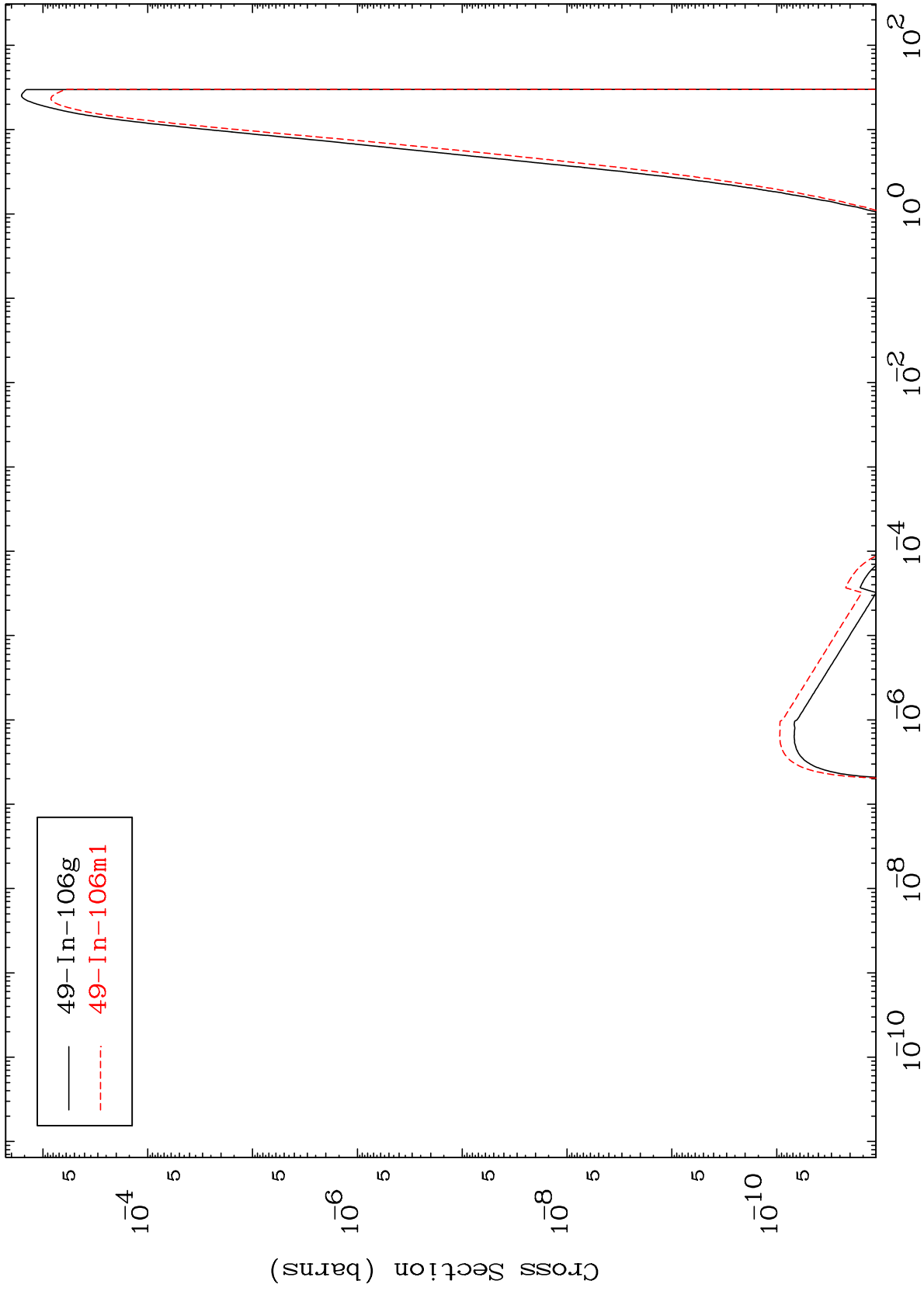
53-I -113

MAT 5283

(n,2α)

53-I -113

Radionuclide Production Cross Section



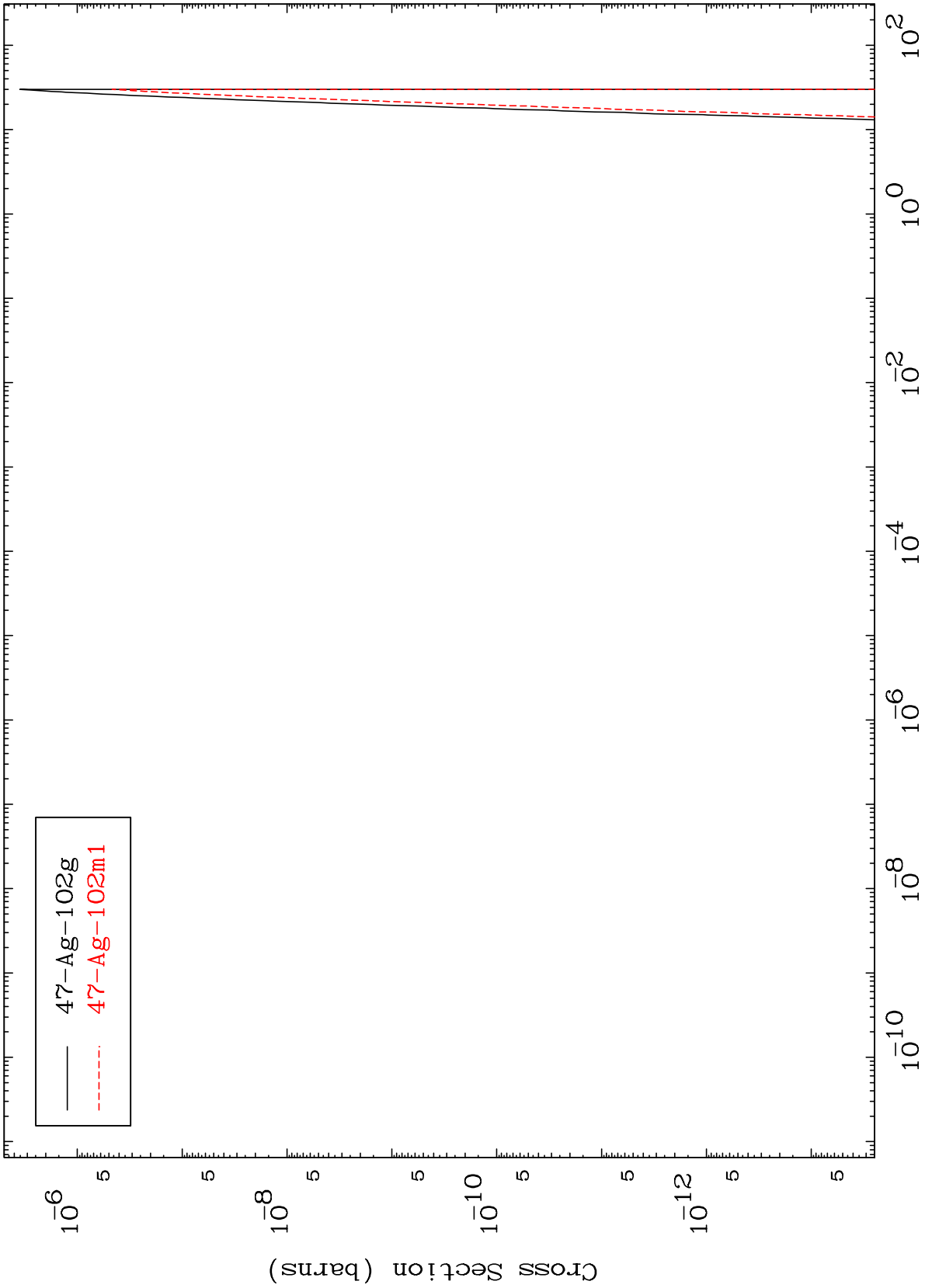
— 49-In-106g
- - - 49-In-106m1

MAT 5283

(n,3α)

53-I -113

Radionuclide Production Cross Section



40

Incident Energy (MeV)

53-I -113