

Program EVALPLOT
(Version 2021-1)

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

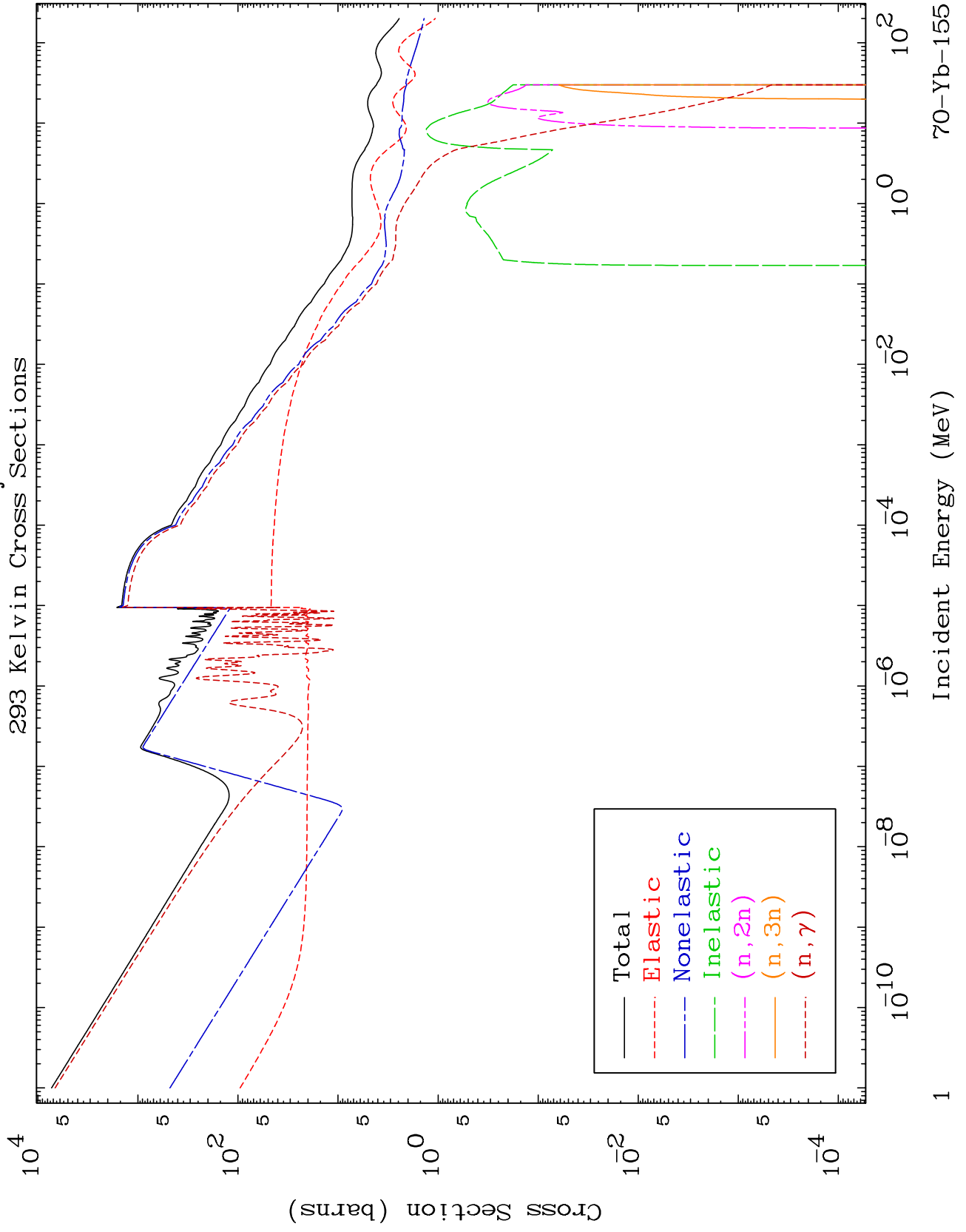
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Press Mouse Button to Start

MAT 6986

Neutron Major
293 Kelvin Cross Sections

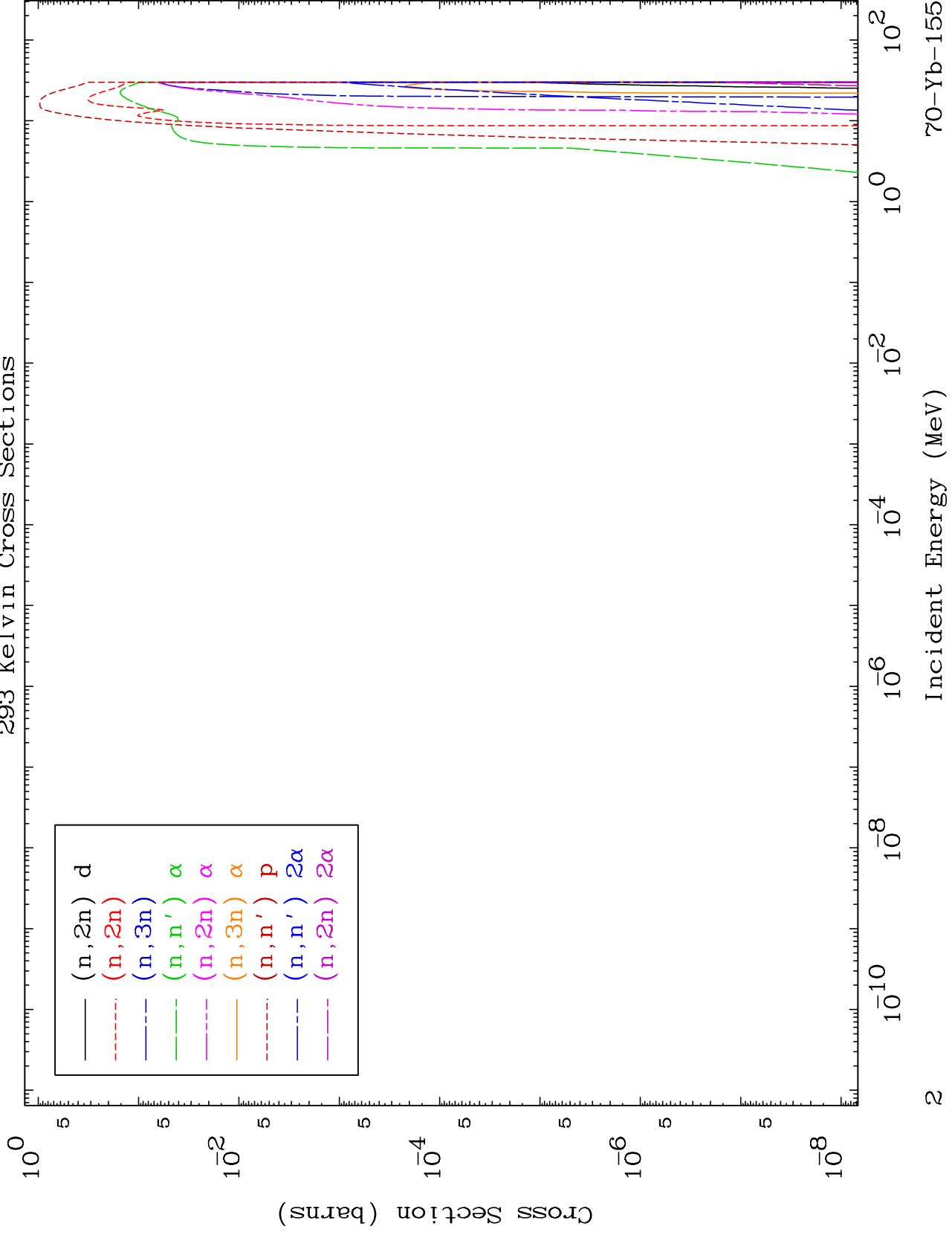
70-Yb-155

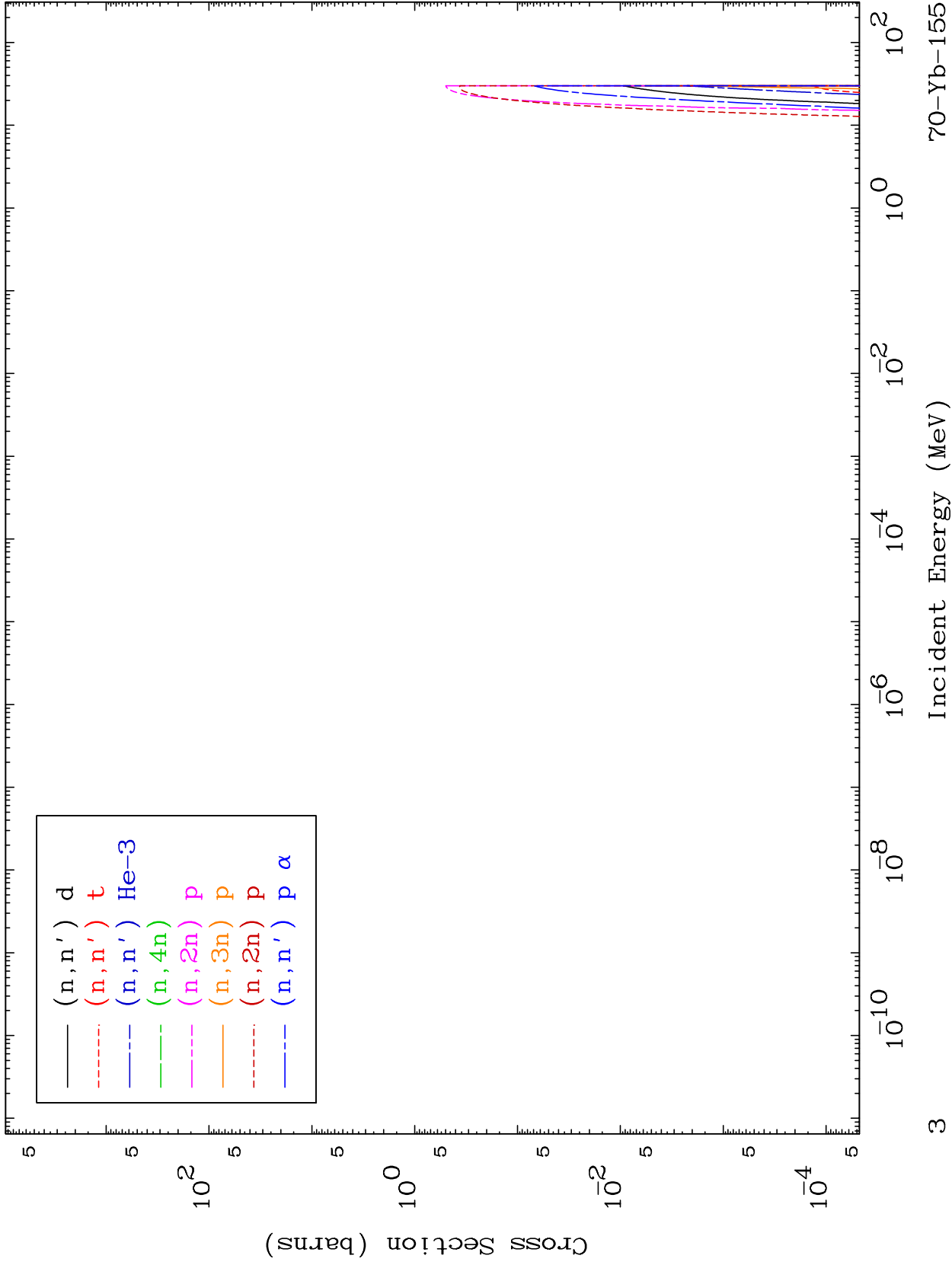


MAT 6986

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-155

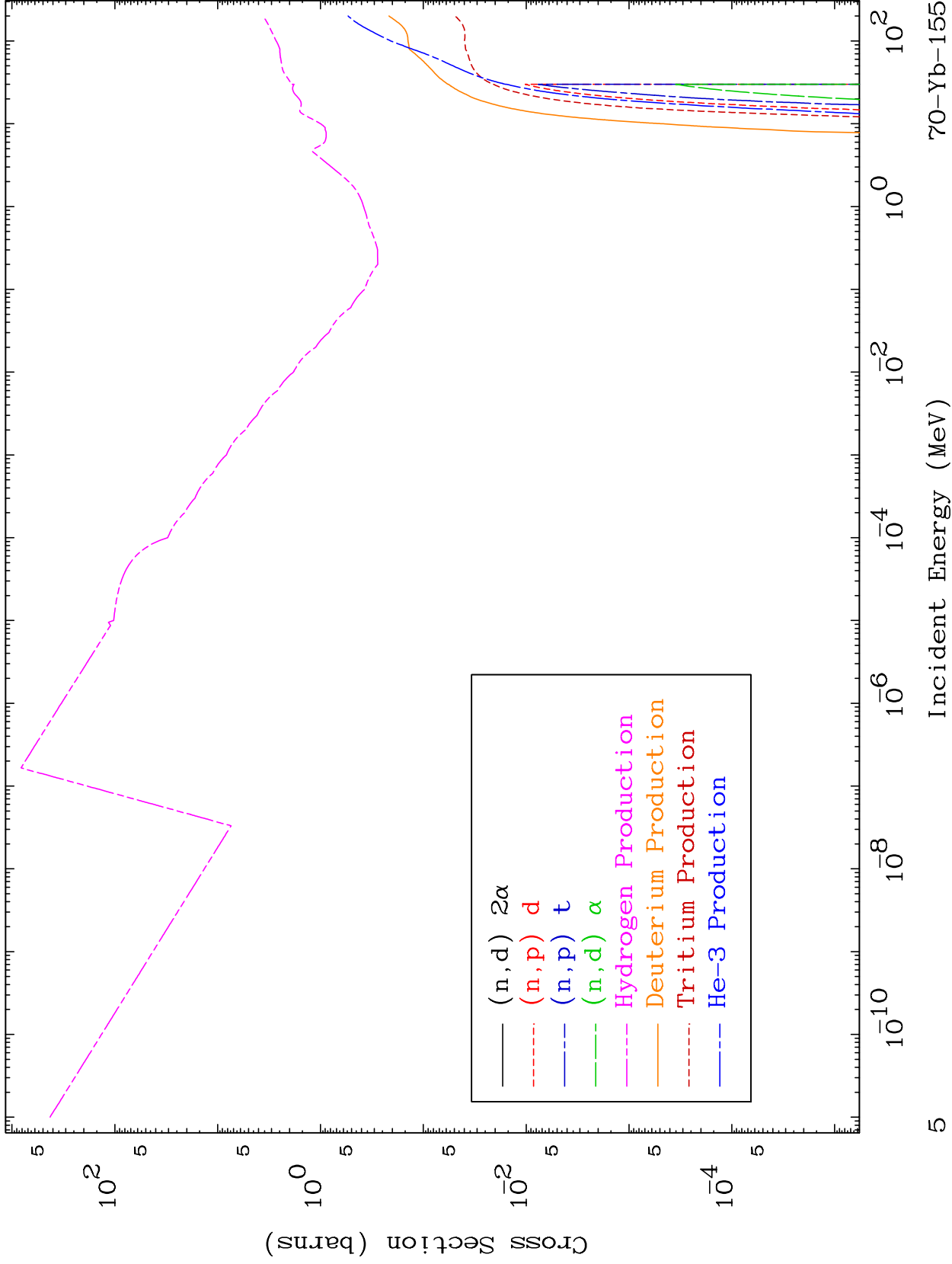




MAT 6986

Neutron Absorption
293 Kelvin Cross Sections

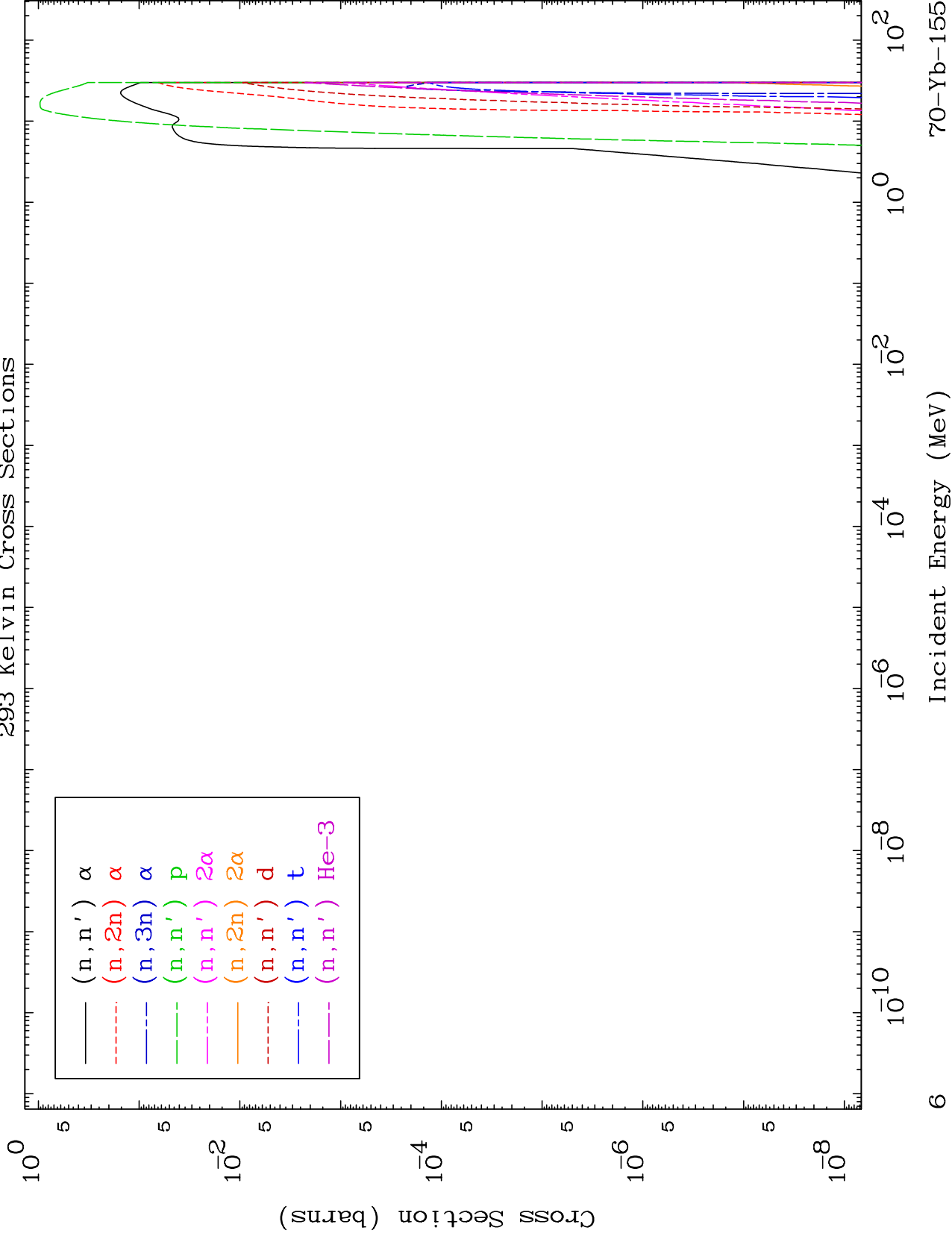
70-Yb-155

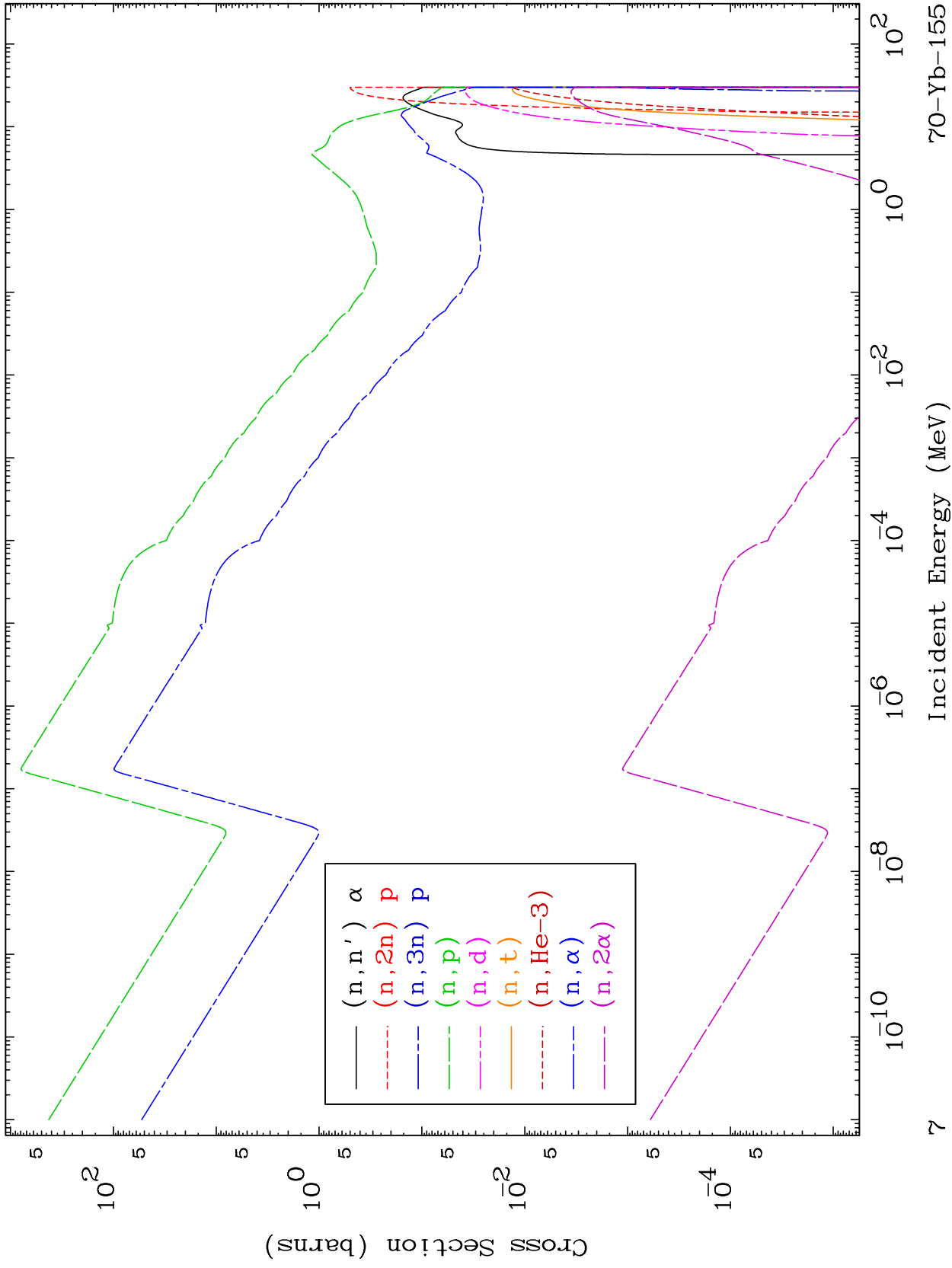


MAT 6986

Charged Particle
293 Kelvin Cross Sections

70-Yb-155

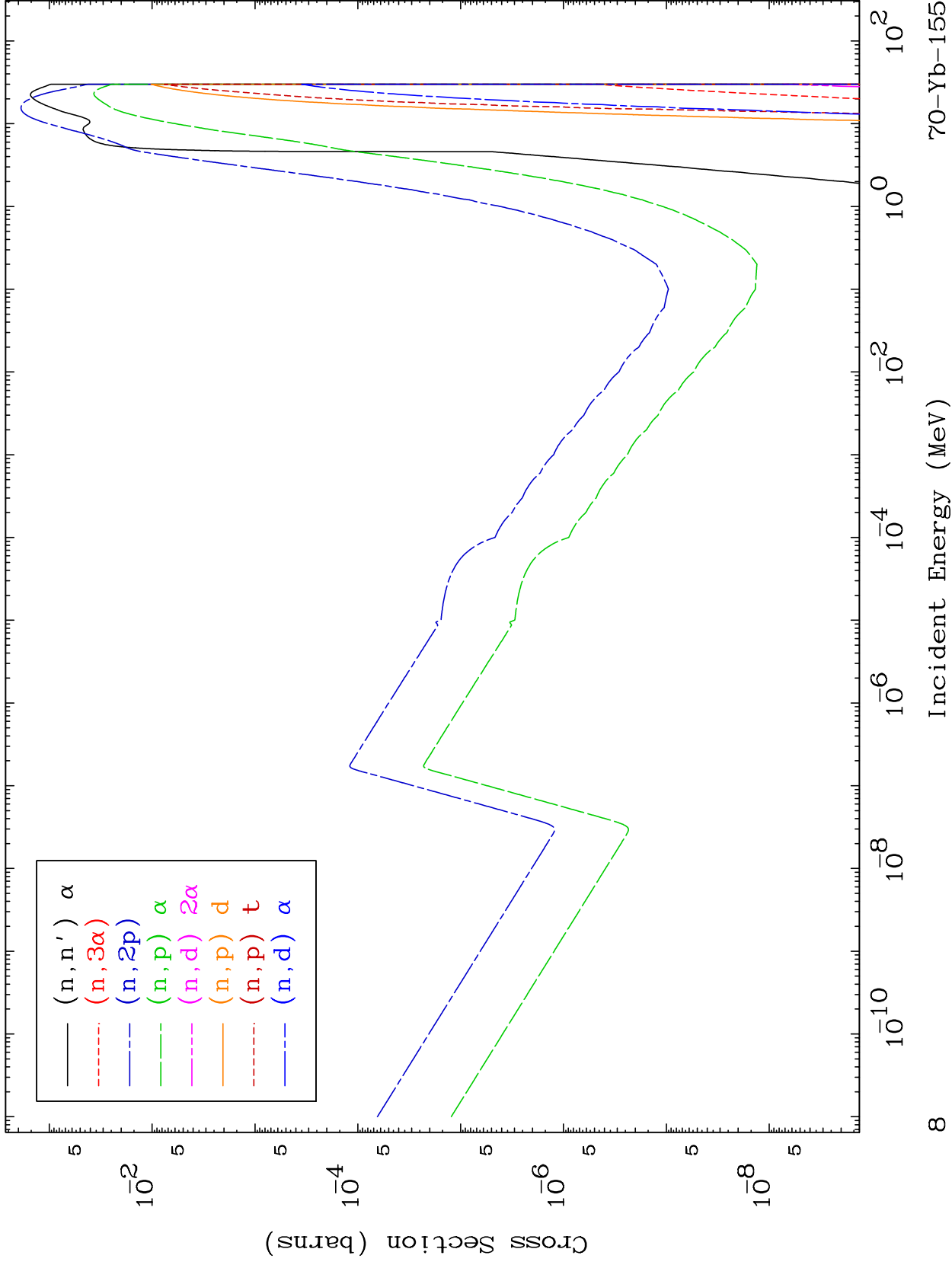




MAT 6986

Charged Particle
293 Kelvin Cross Sections

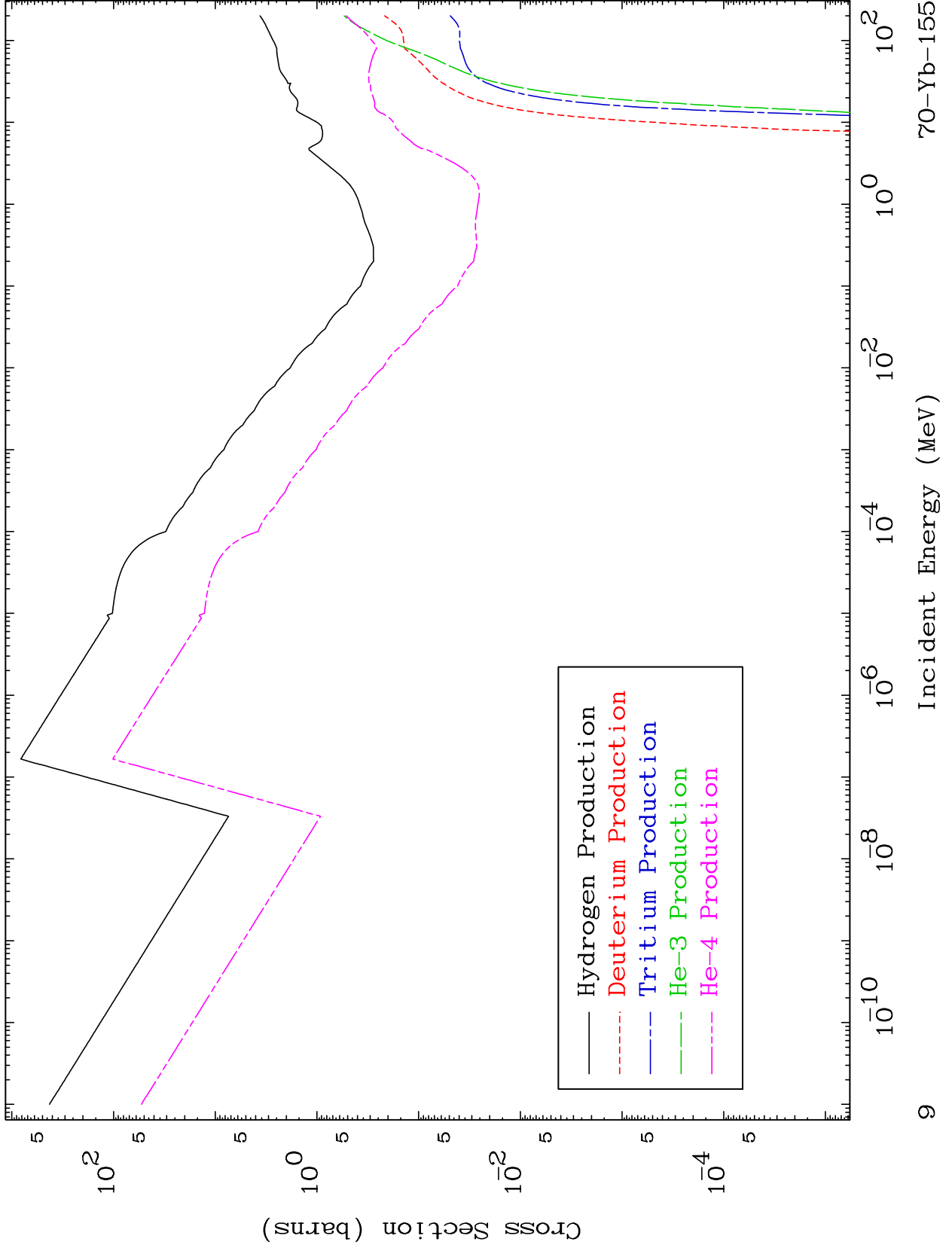
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MAT 6986

Particle Production
293 Kelvin Cross Sections

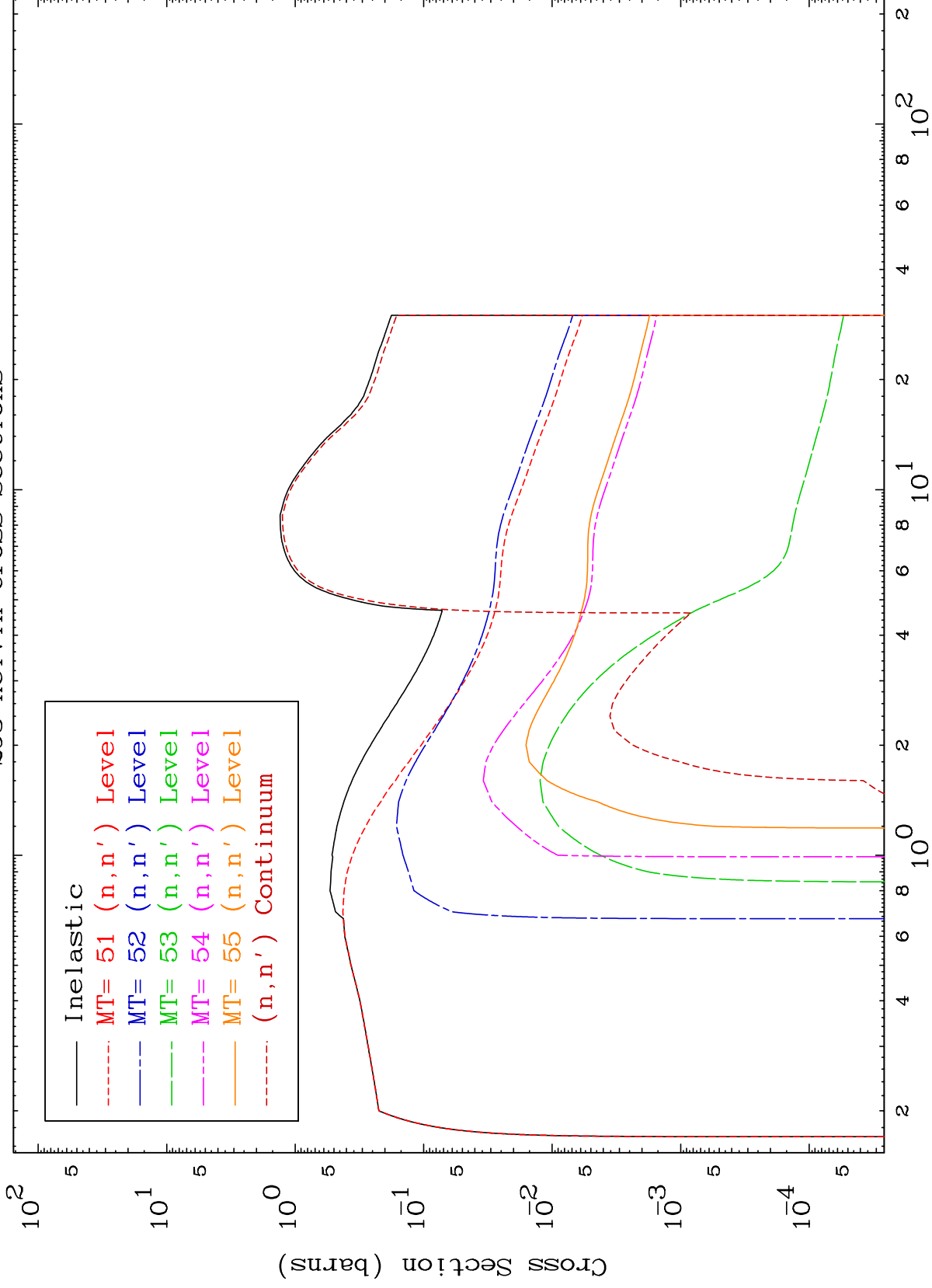
70-Yb-155



MAT 6986

(n,n') Levels
293 Kelvin Cross Sections

70-Yb-155



10

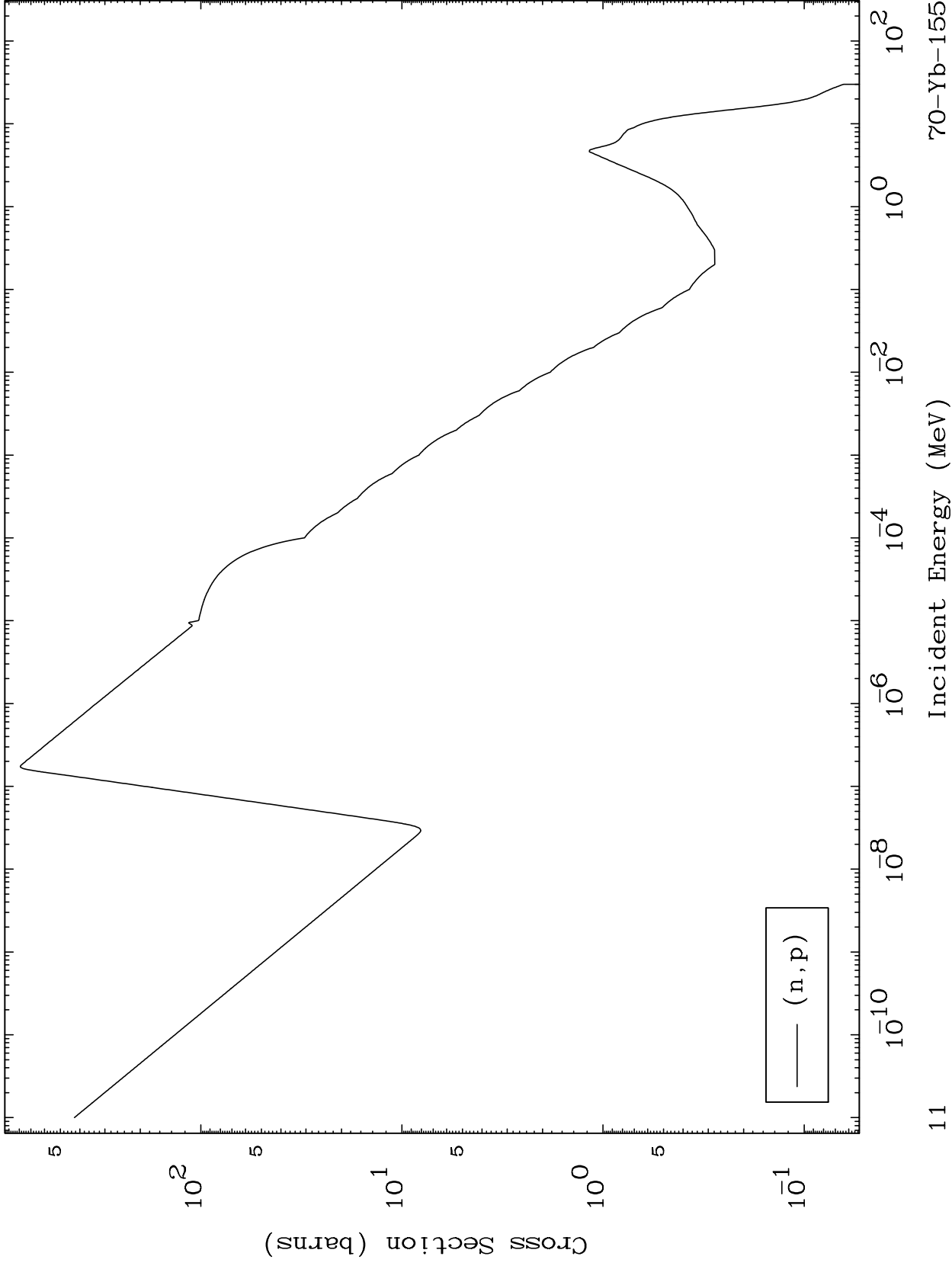
Incident Energy (MeV)

70-Yb-155

MAT 6986

(n,p) Levels
293 Kelvin Cross Sections

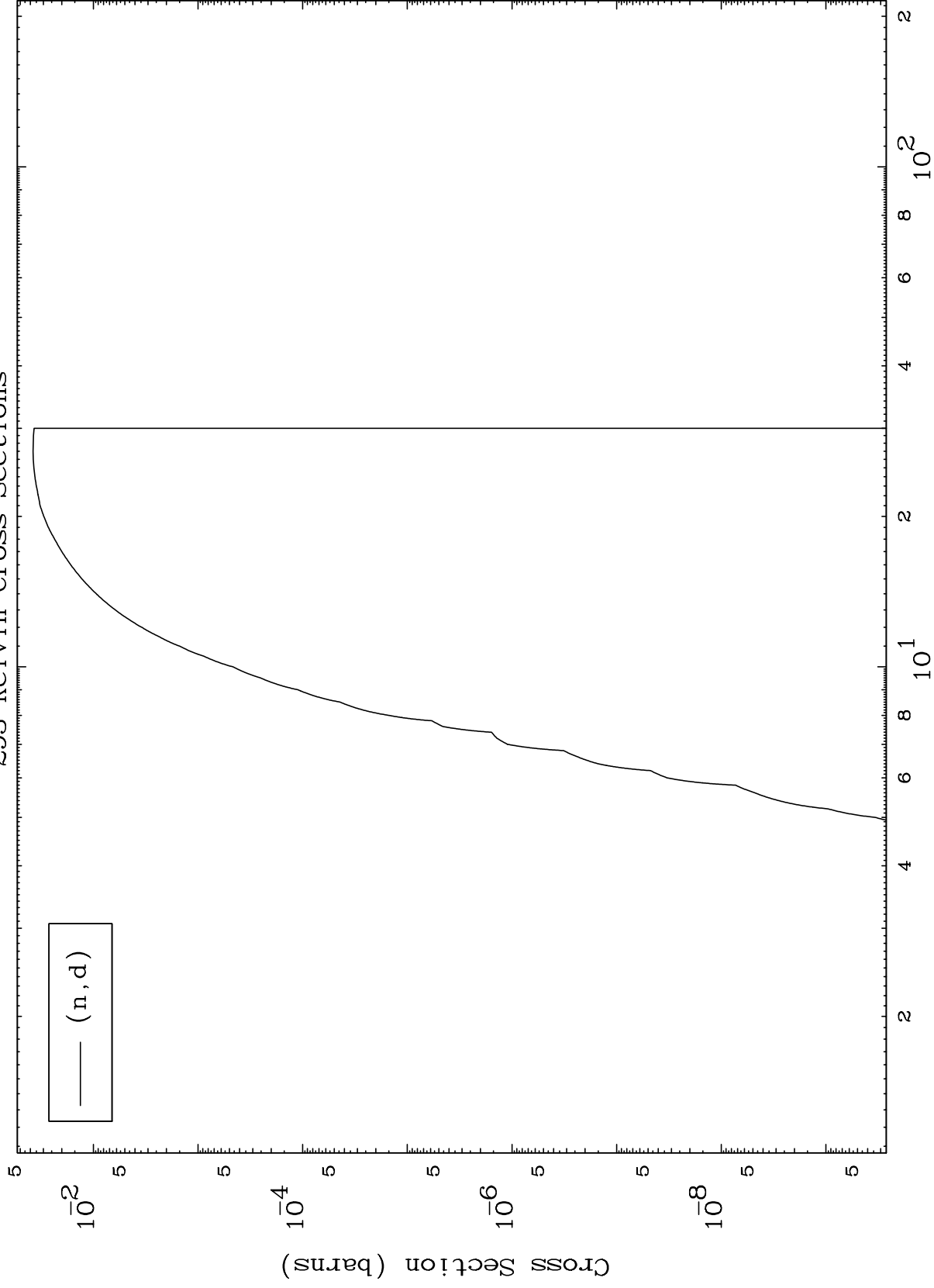
70-Yb-155



MAT 6986

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-155



12

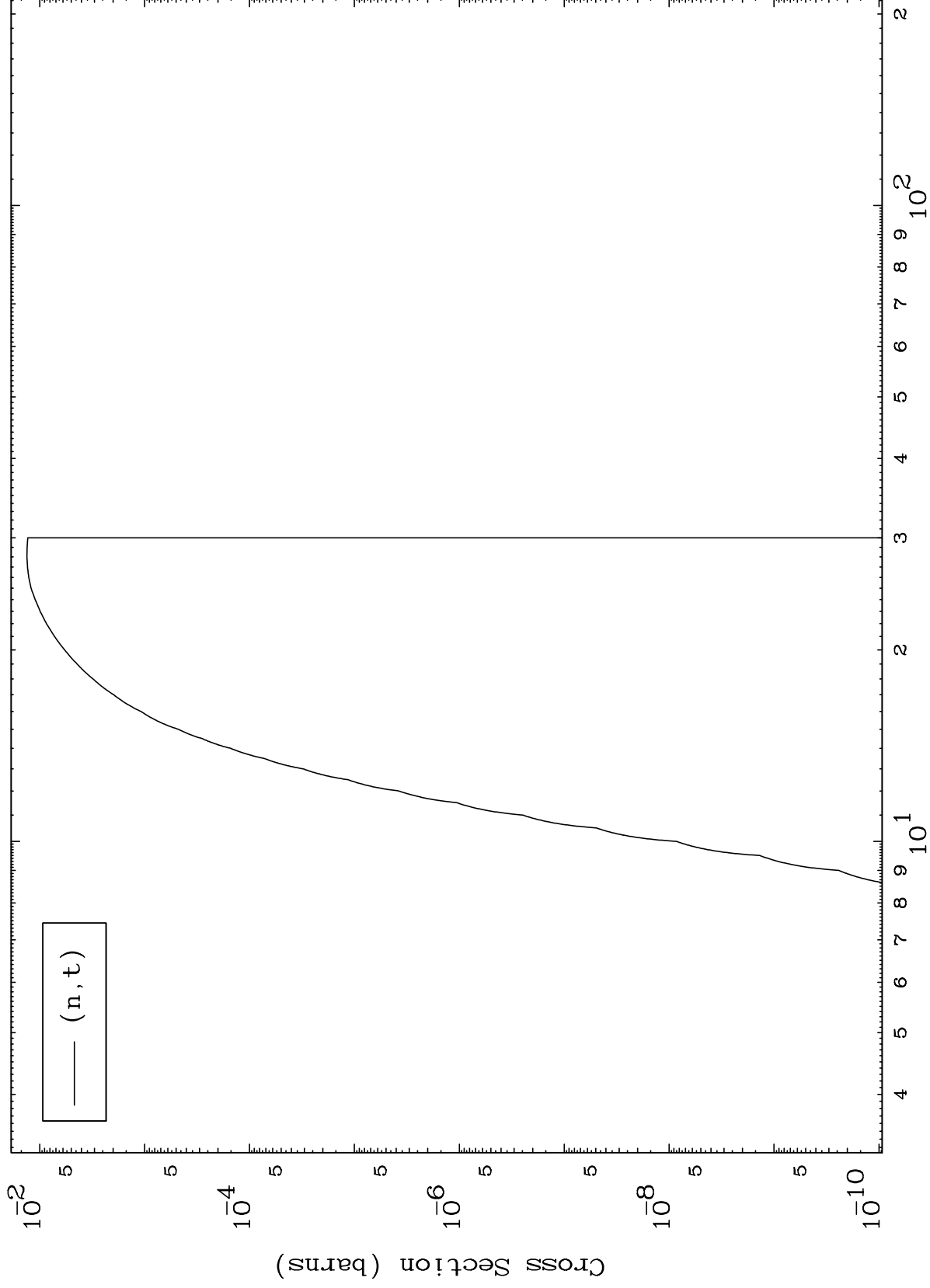
Incident Energy (MeV)

70-Yb-155

MAT 6986

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-155



13

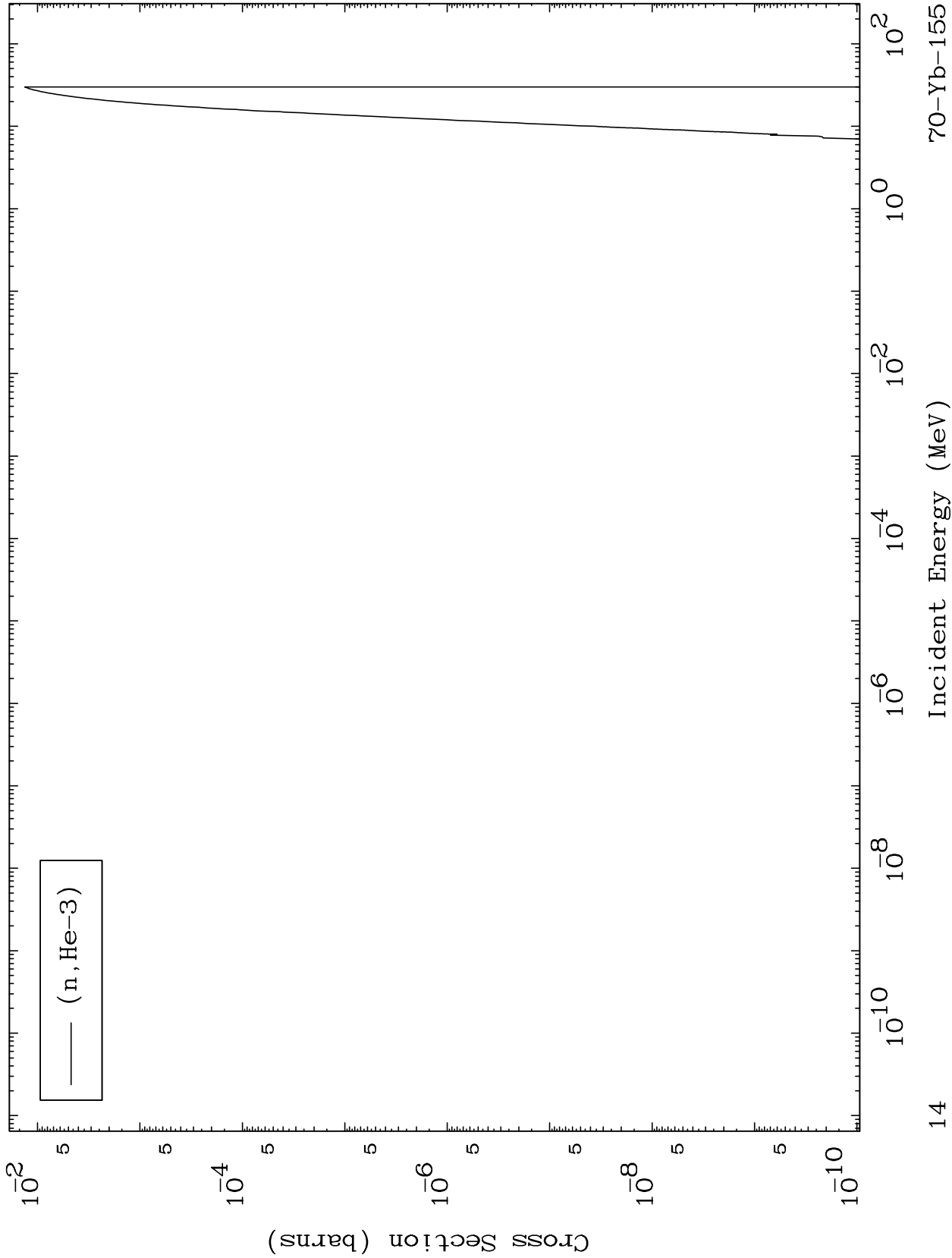
Incident Energy (MeV)

70-Yb-155

MAT 6986

(n,He3) Levels
293 Kelvin Cross Sections

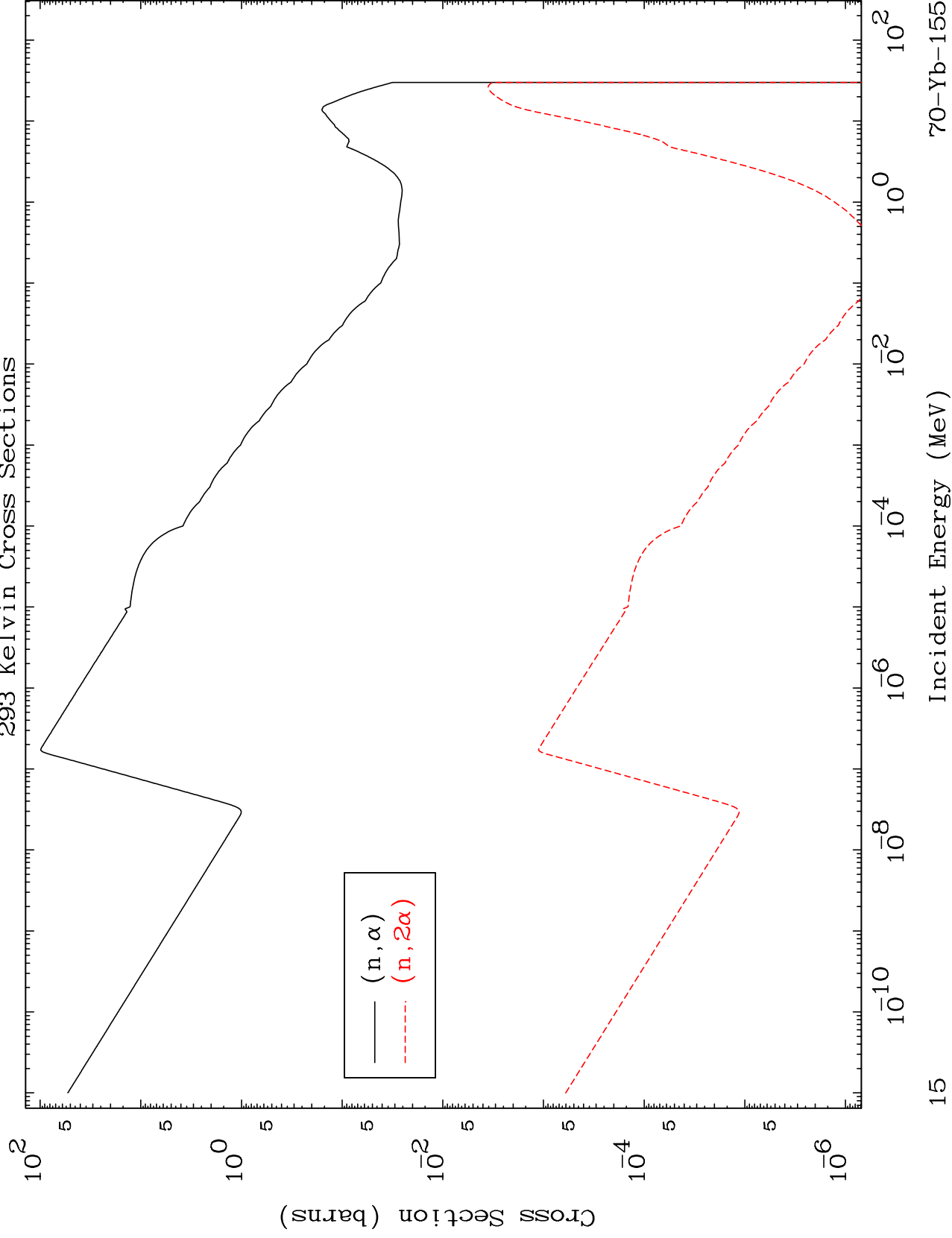
70-Yb-155



MAT 6986

(n, α) Levels
293 Kelvin Cross Sections

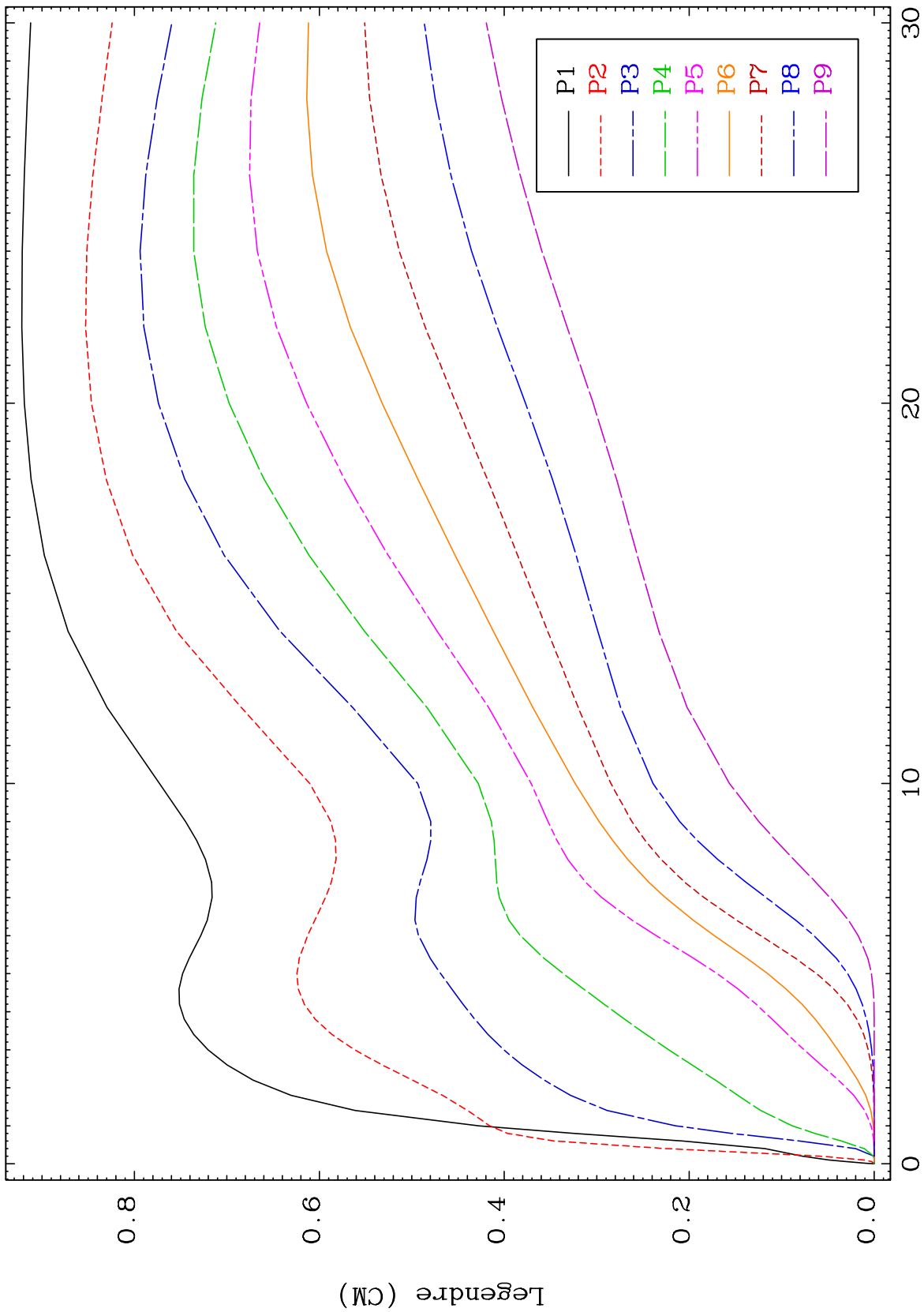
70-Yb-155



MAT 6986

Elastic Legendre Coefficients

70-Yb-155



16

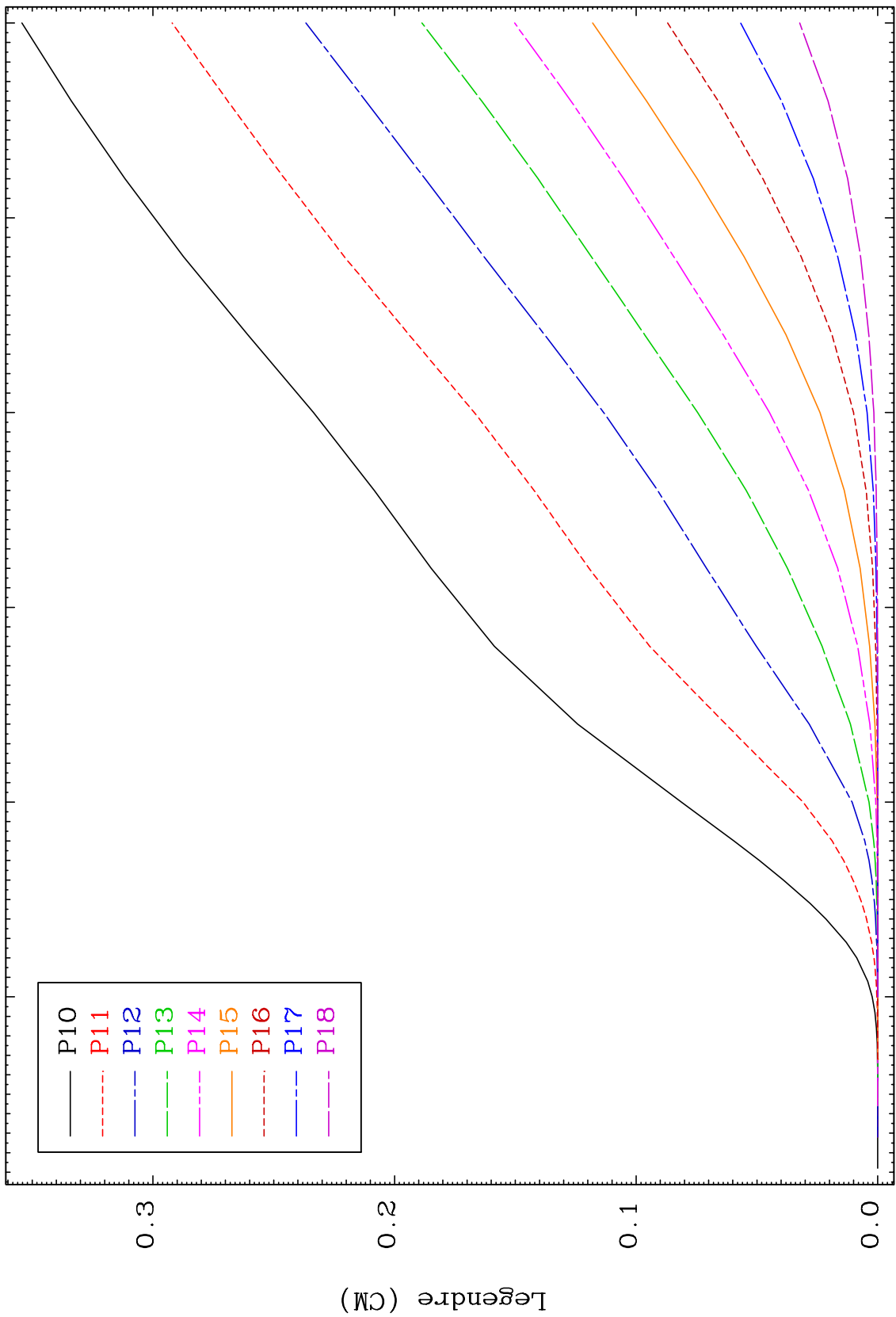
Incident Energy (MeV)

70-Yb-155

MAT 6986

Elastic Legendre Coefficients

70-Yb-155



17

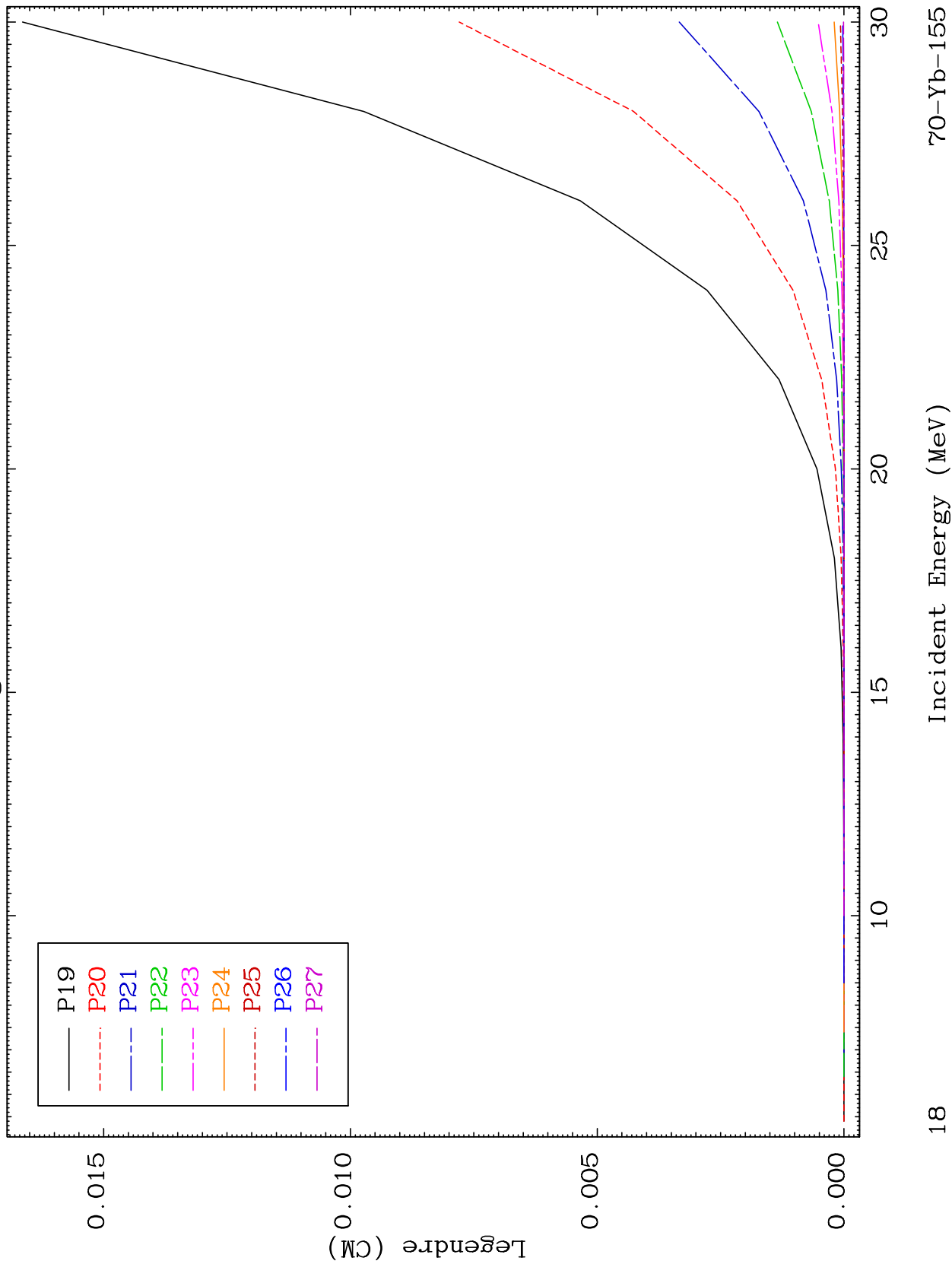
Incident Energy (MeV)

70-Yb-155

MAT 6986

Elastic Legendre Coefficients

70-Yb-155



18

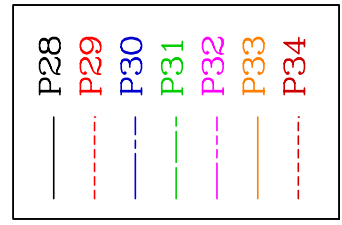
Incident Energy (MeV)

70-Yb-155

MAT 6986

Elastic Legendre Coefficients

70-Yb-155



$\times 10^{-6}$
2.5
2.0

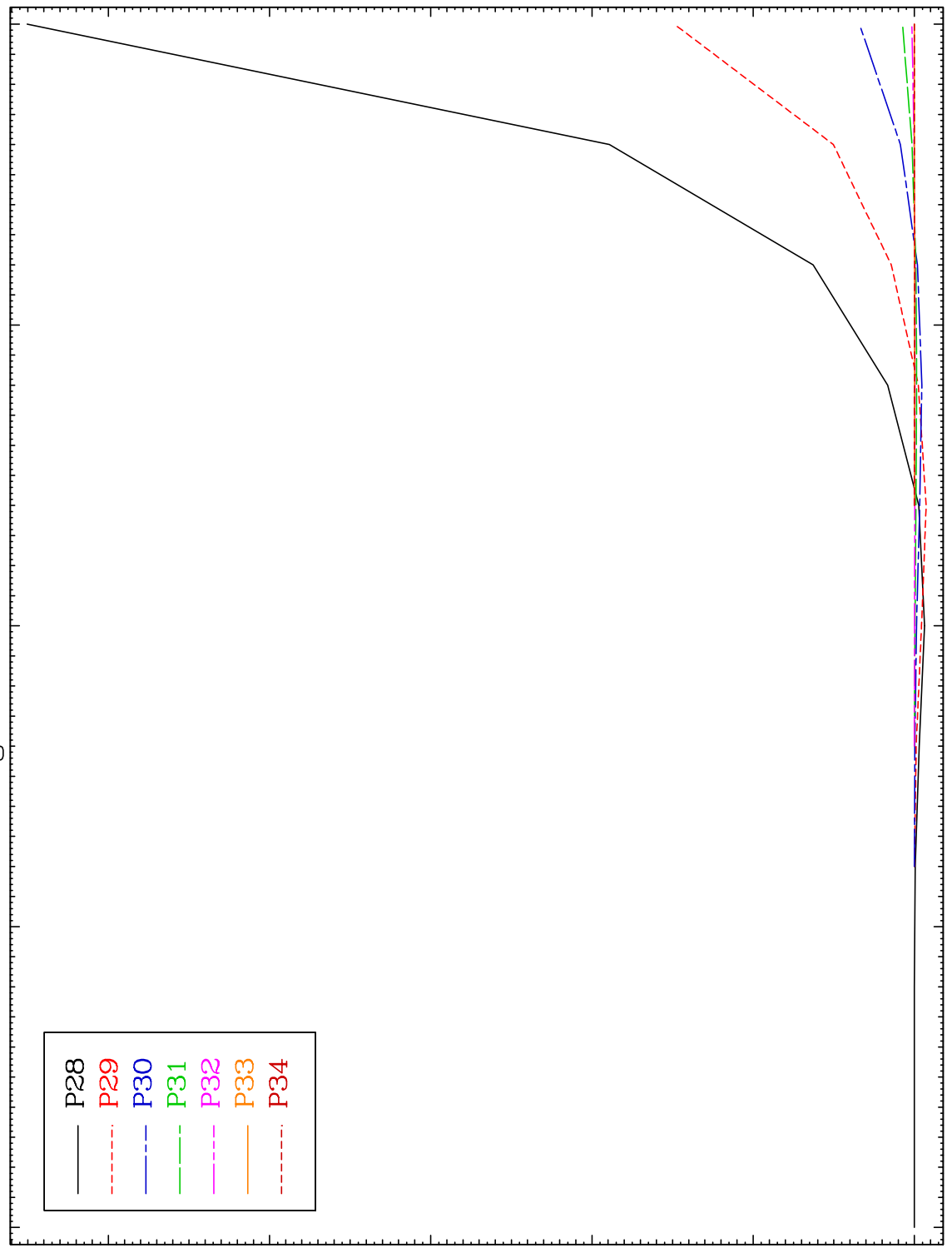
Legendre (CM)

1.5
1.0
0.5
0.0

10
15
20
25
30

Incident Energy (MeV)

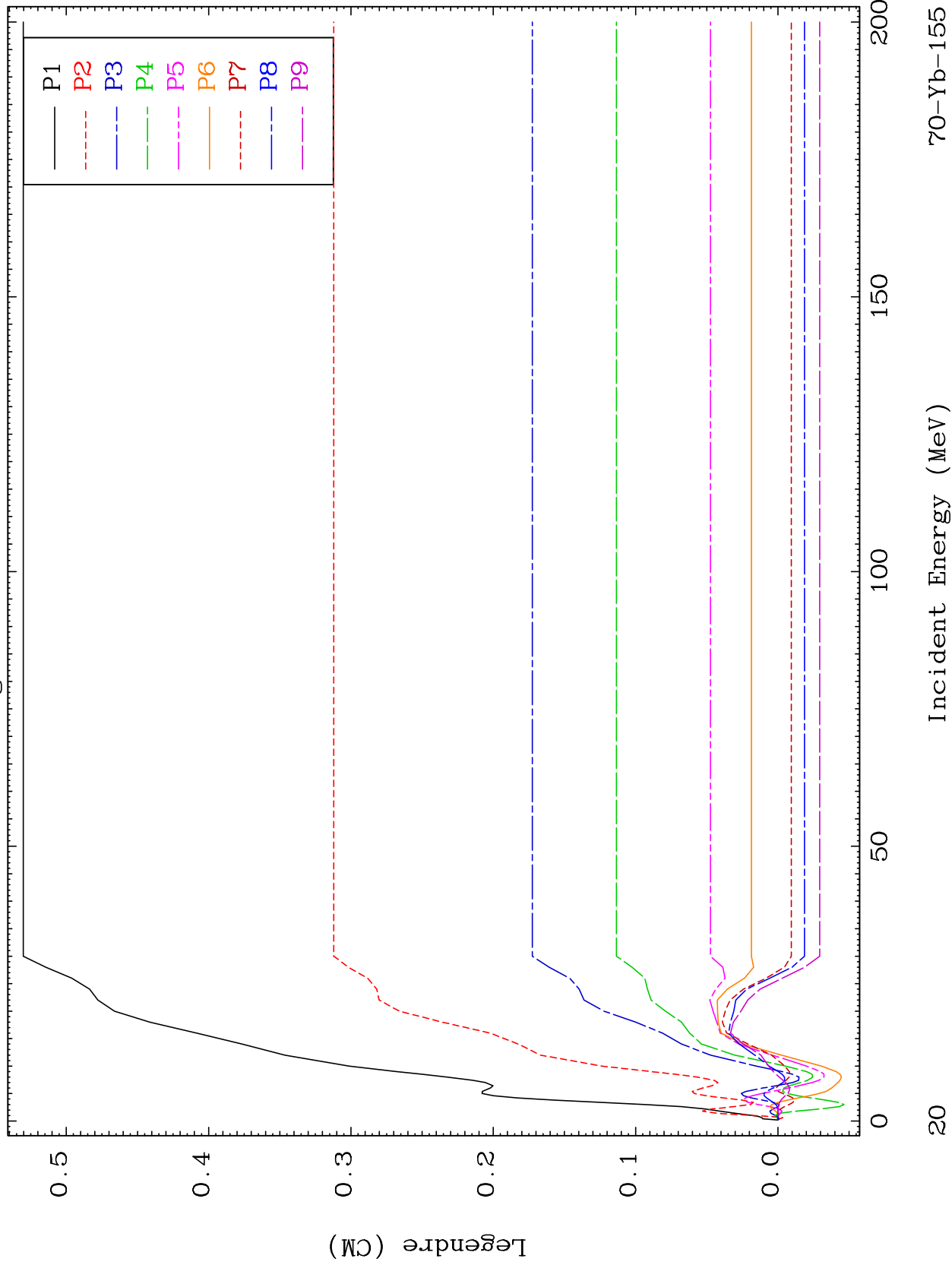
70-Yb-155



MAT 6986

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

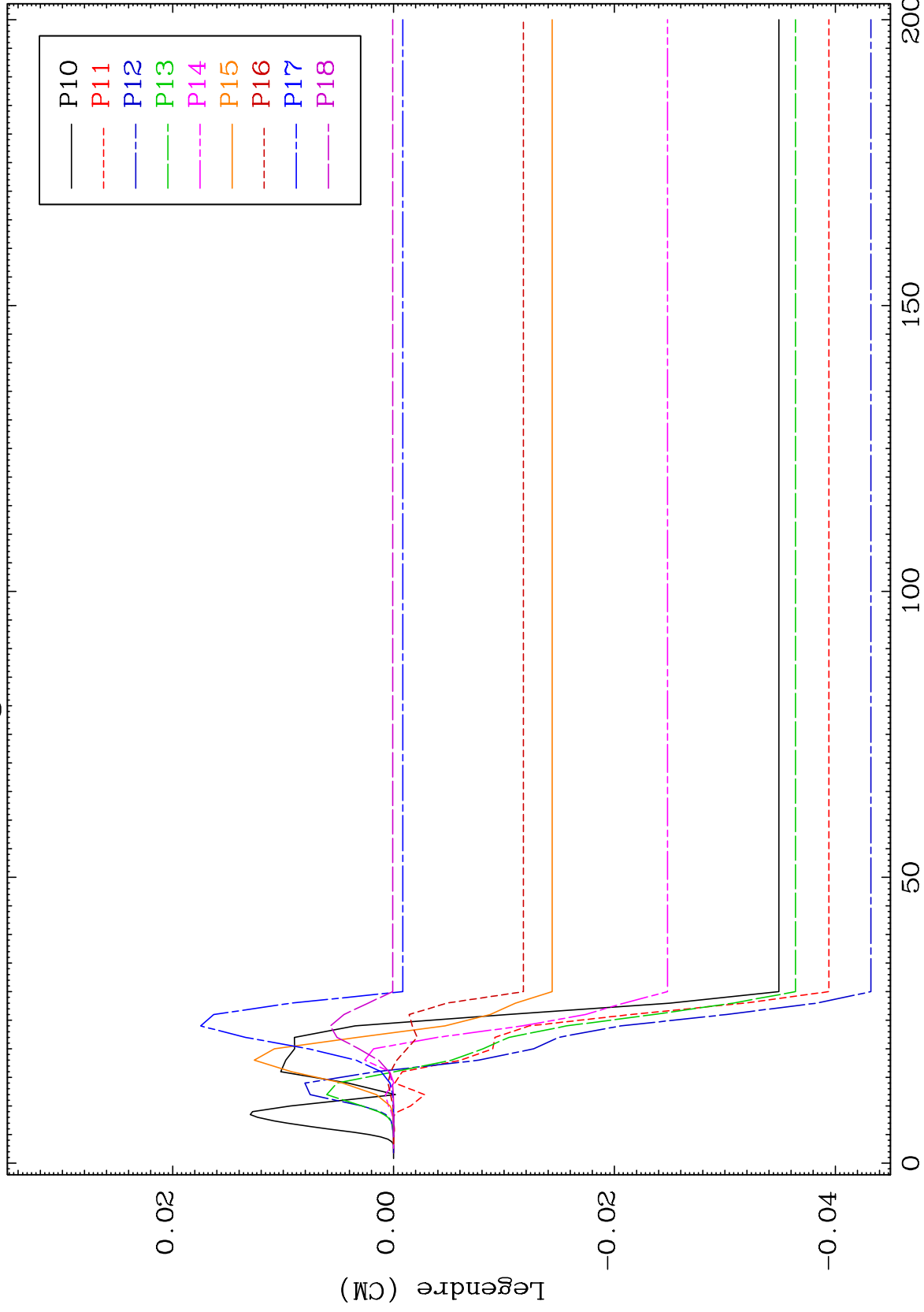
70-Yb-155



MAT 6986

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

70-Yb-155



21

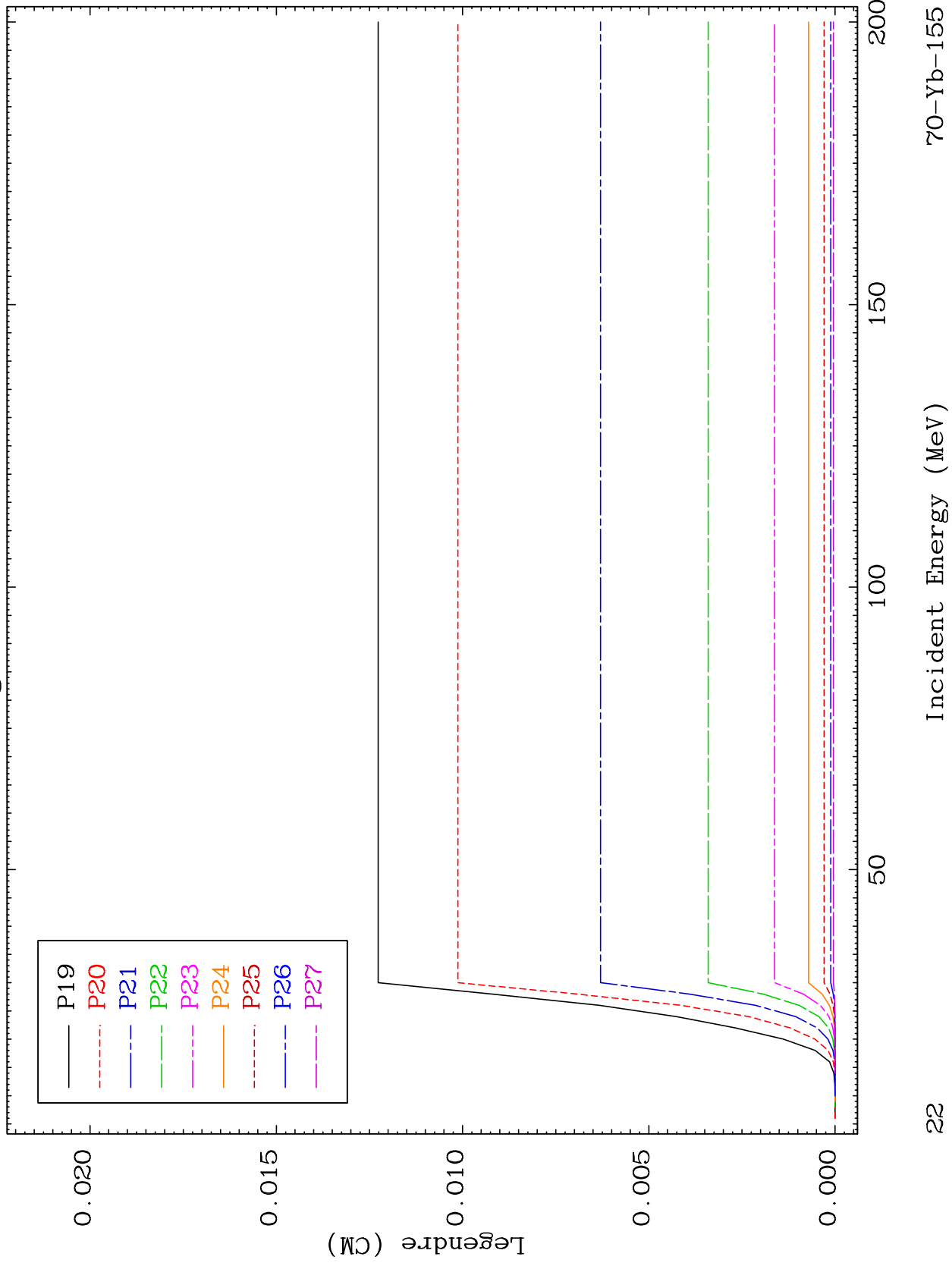
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



22

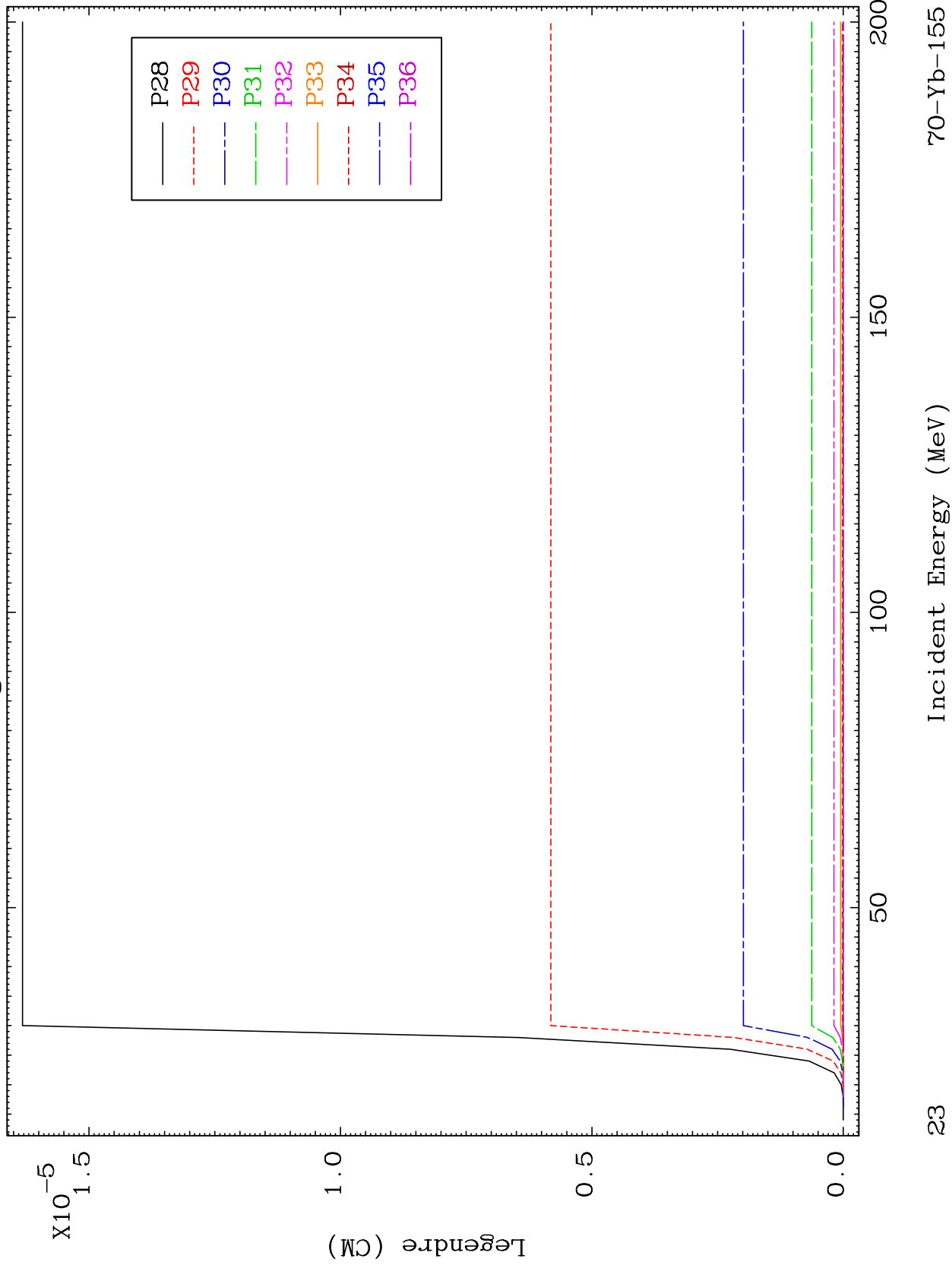
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



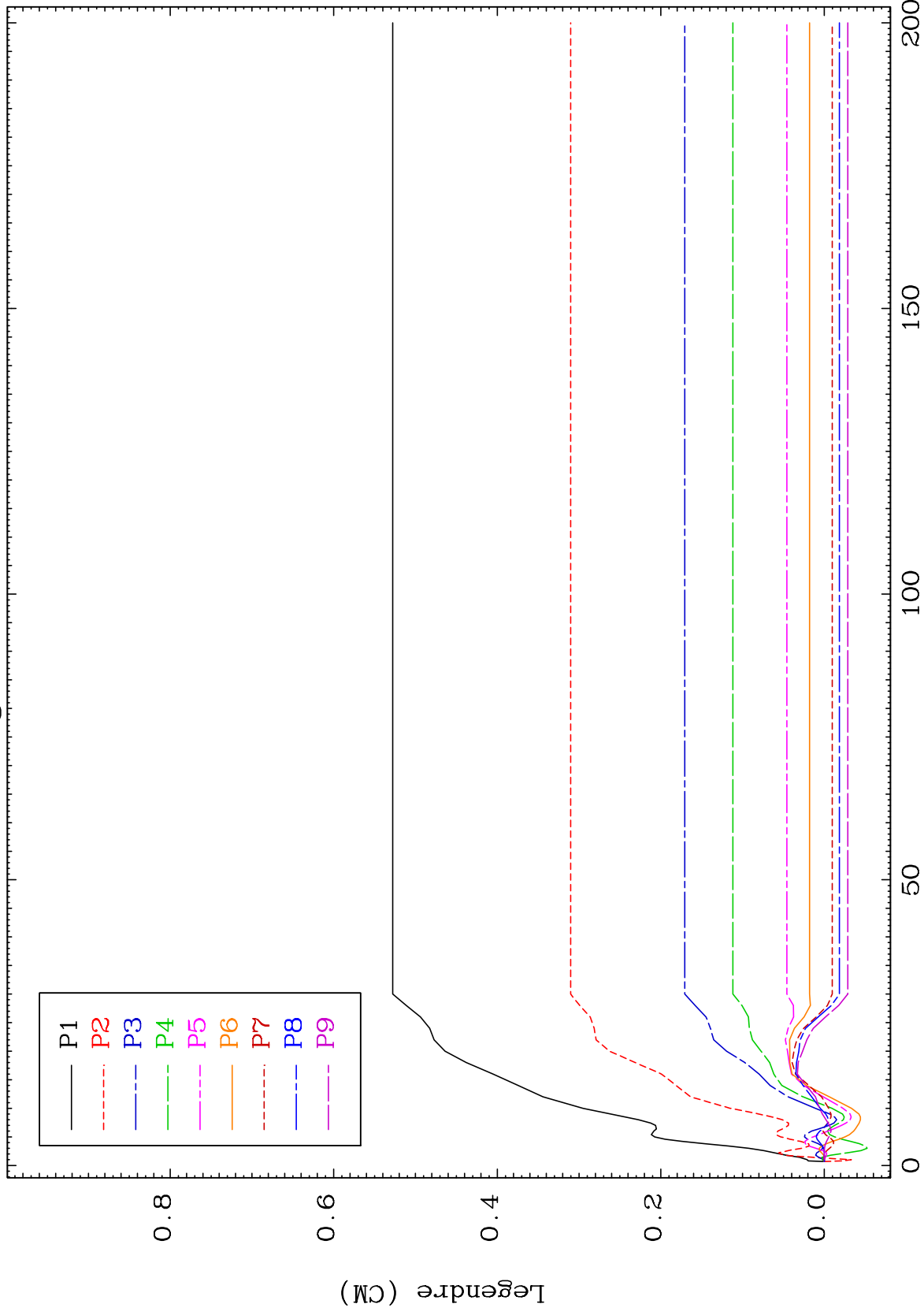
23

70-Yb-155

MAT 6986

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

70-Yb-155



24

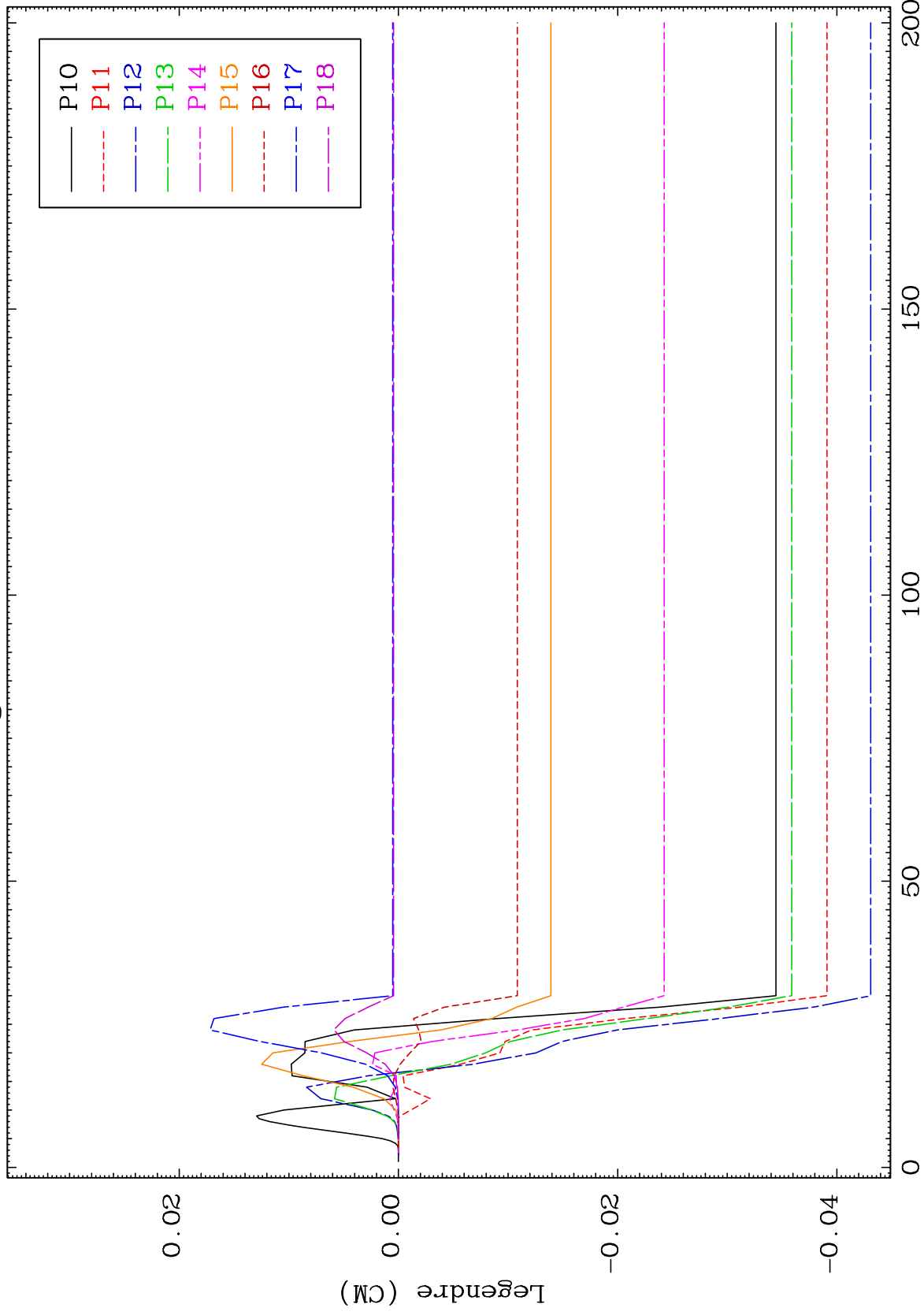
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



25

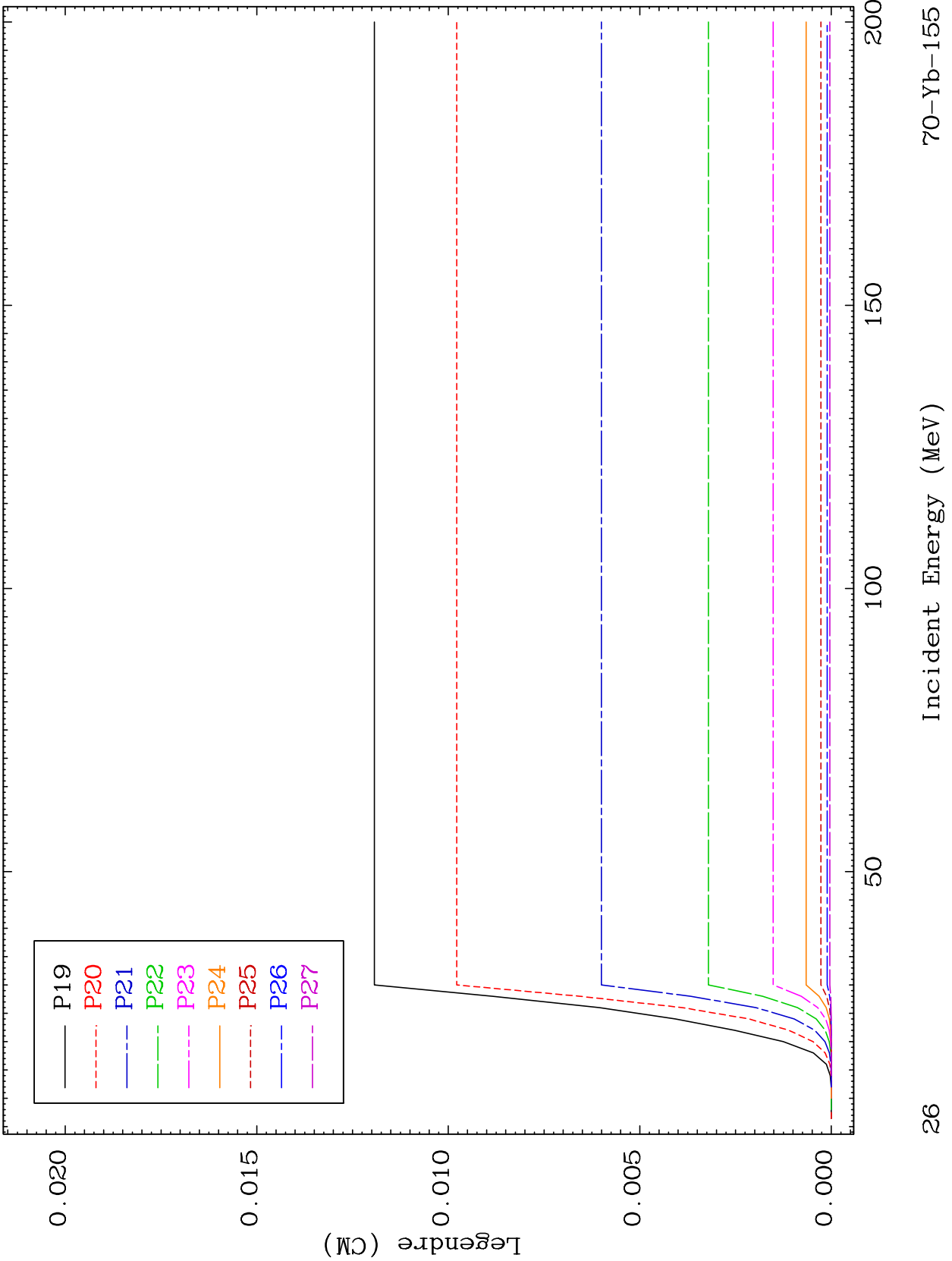
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

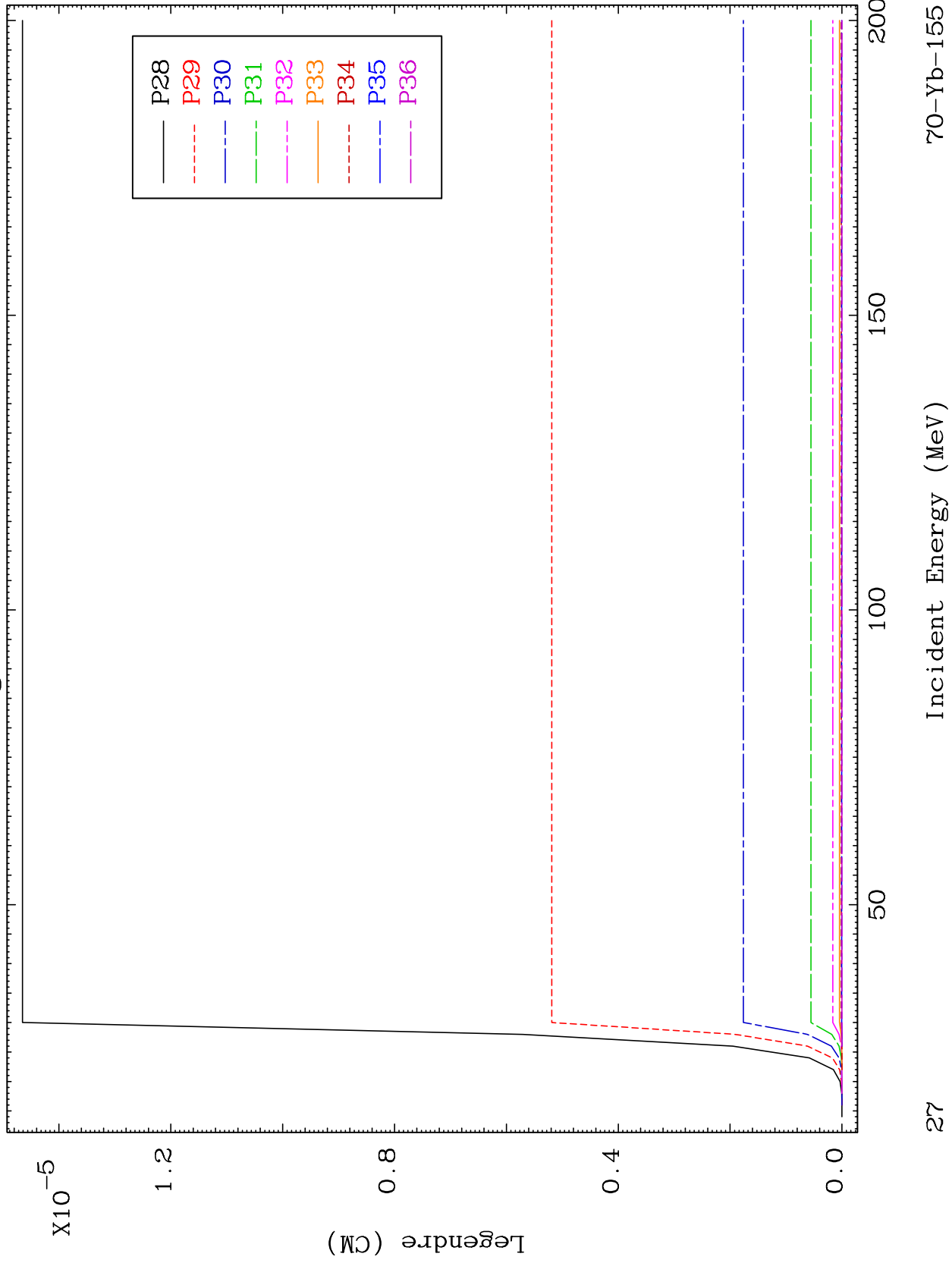
70-Yb-155



MAT 6986

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

70-Yb-155



27

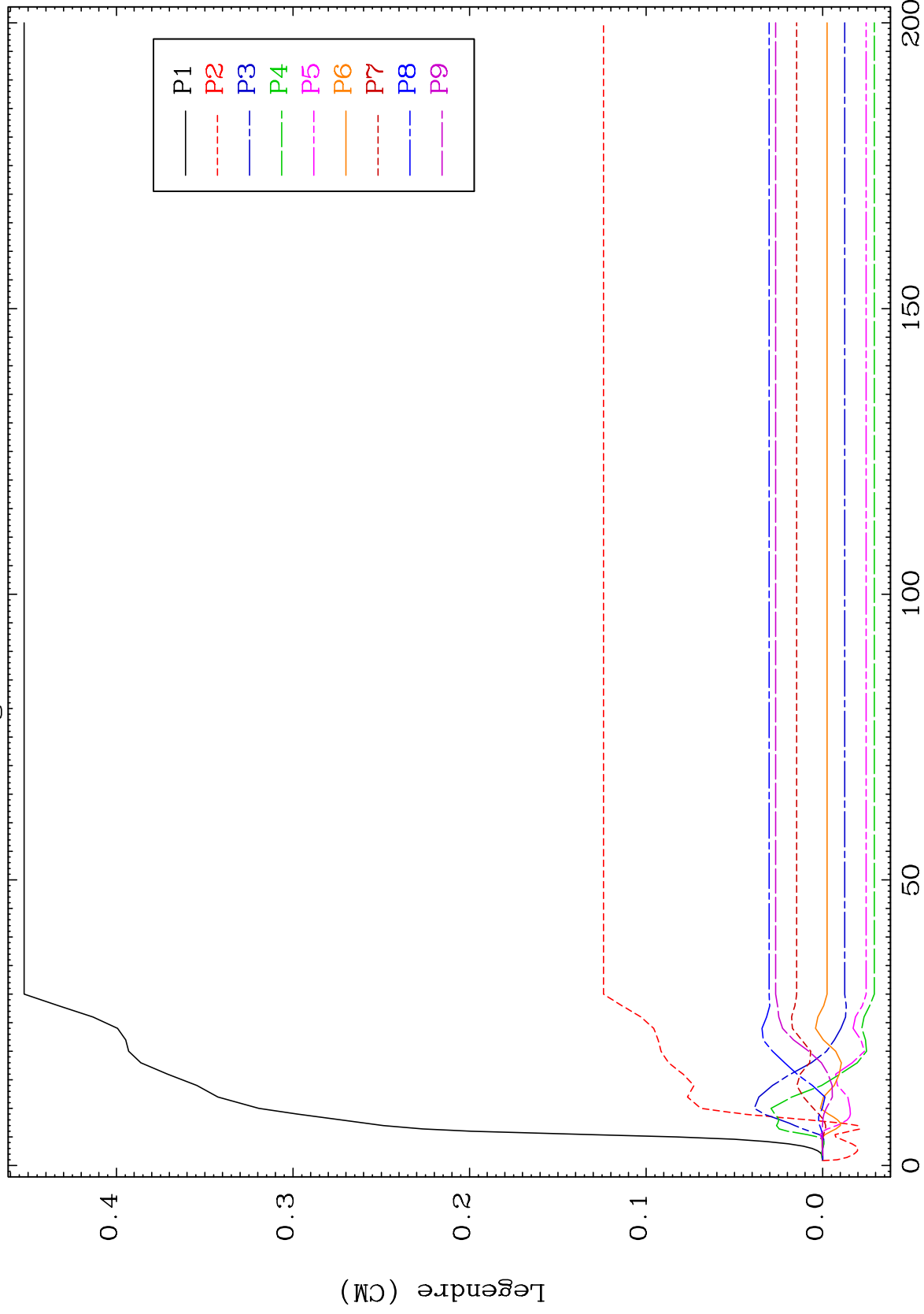
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



28

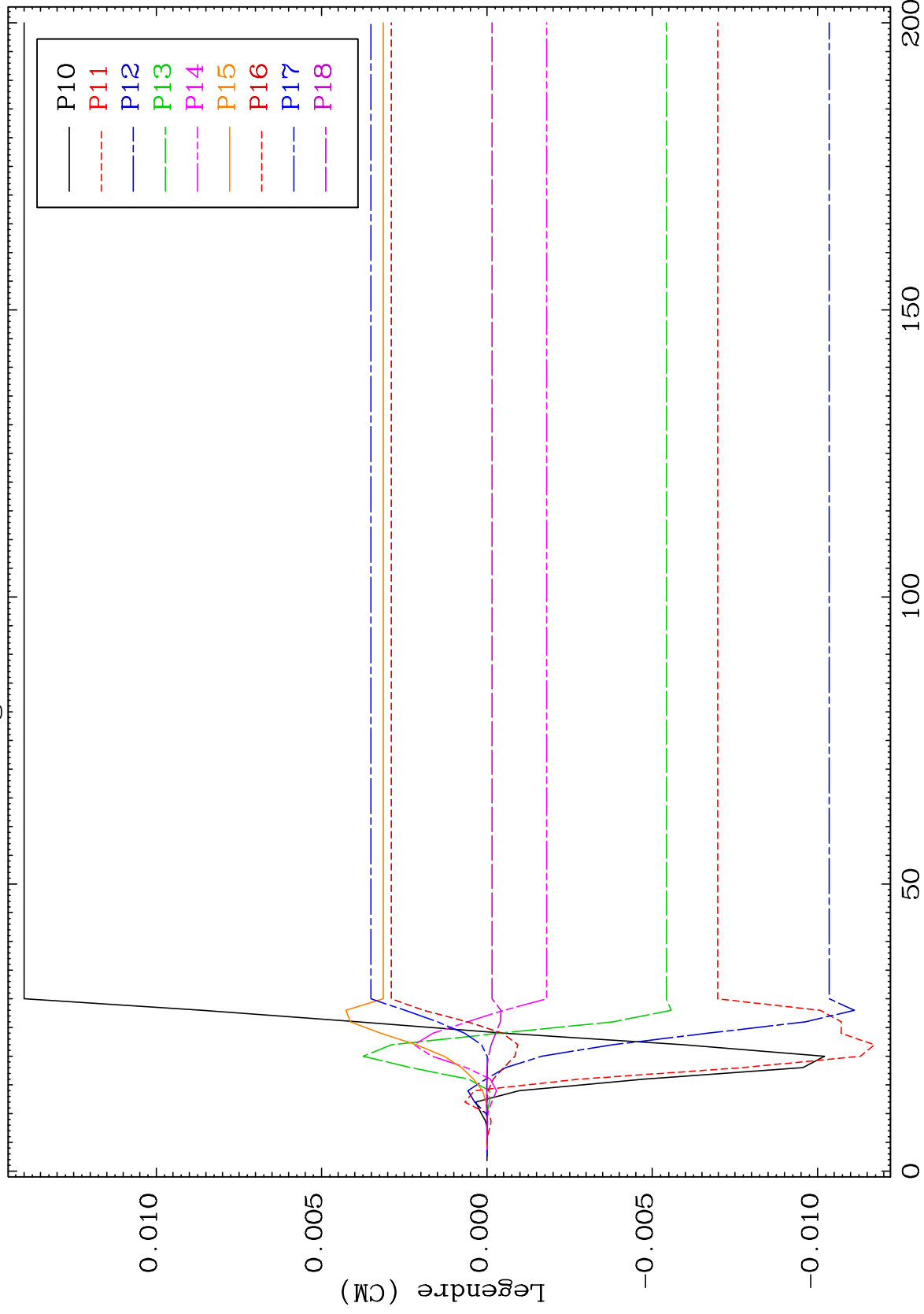
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



29

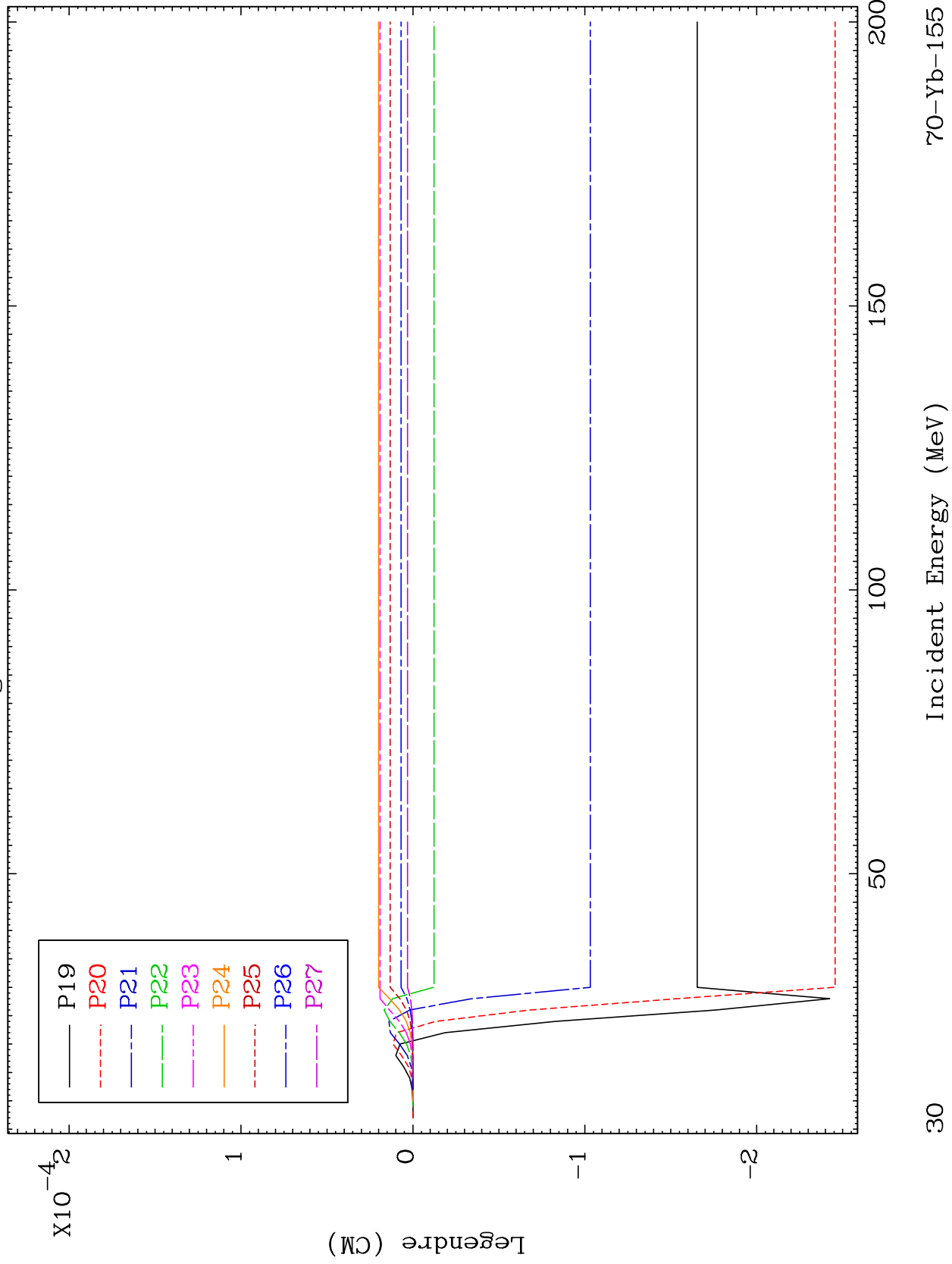
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



30

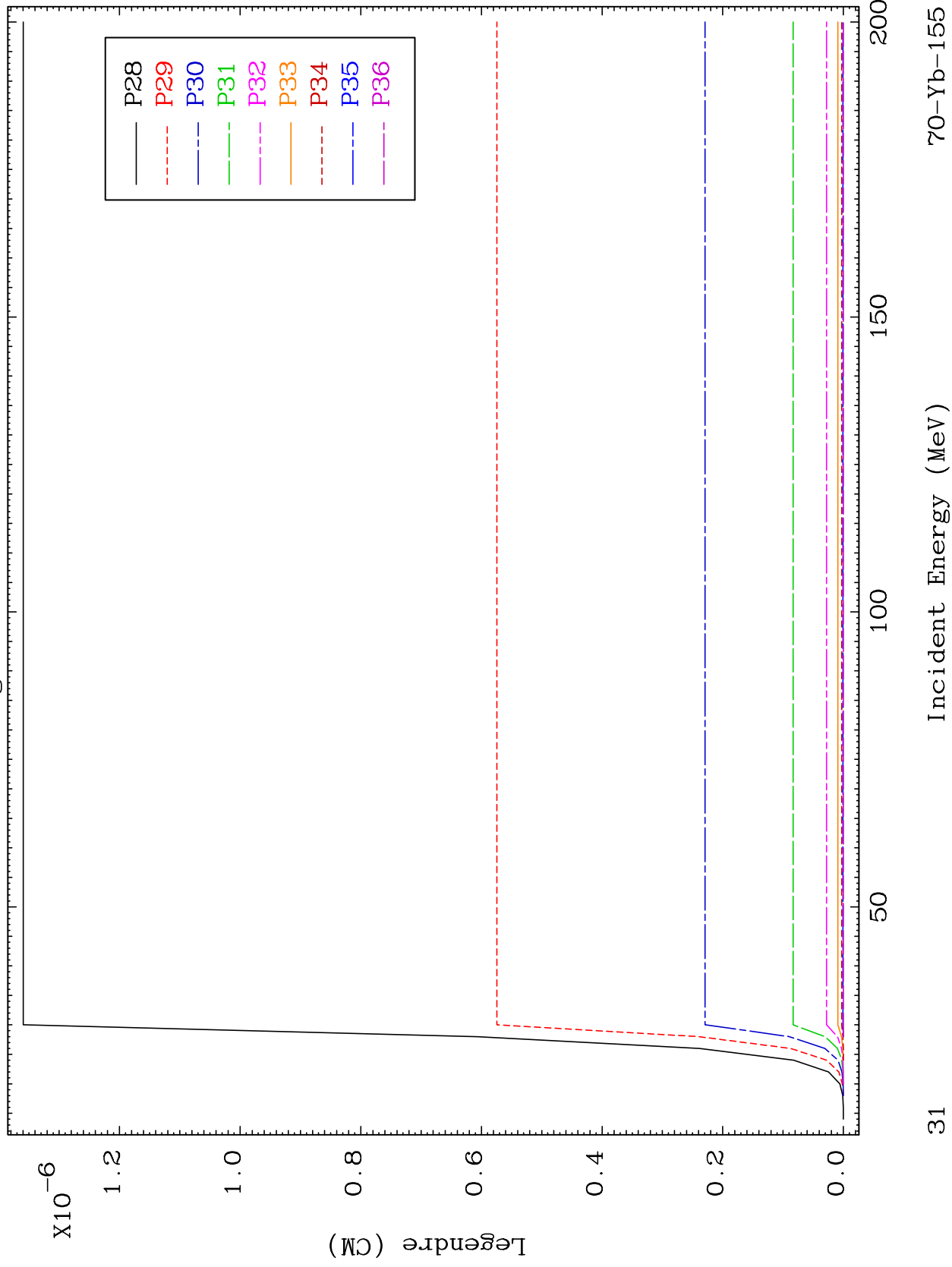
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155

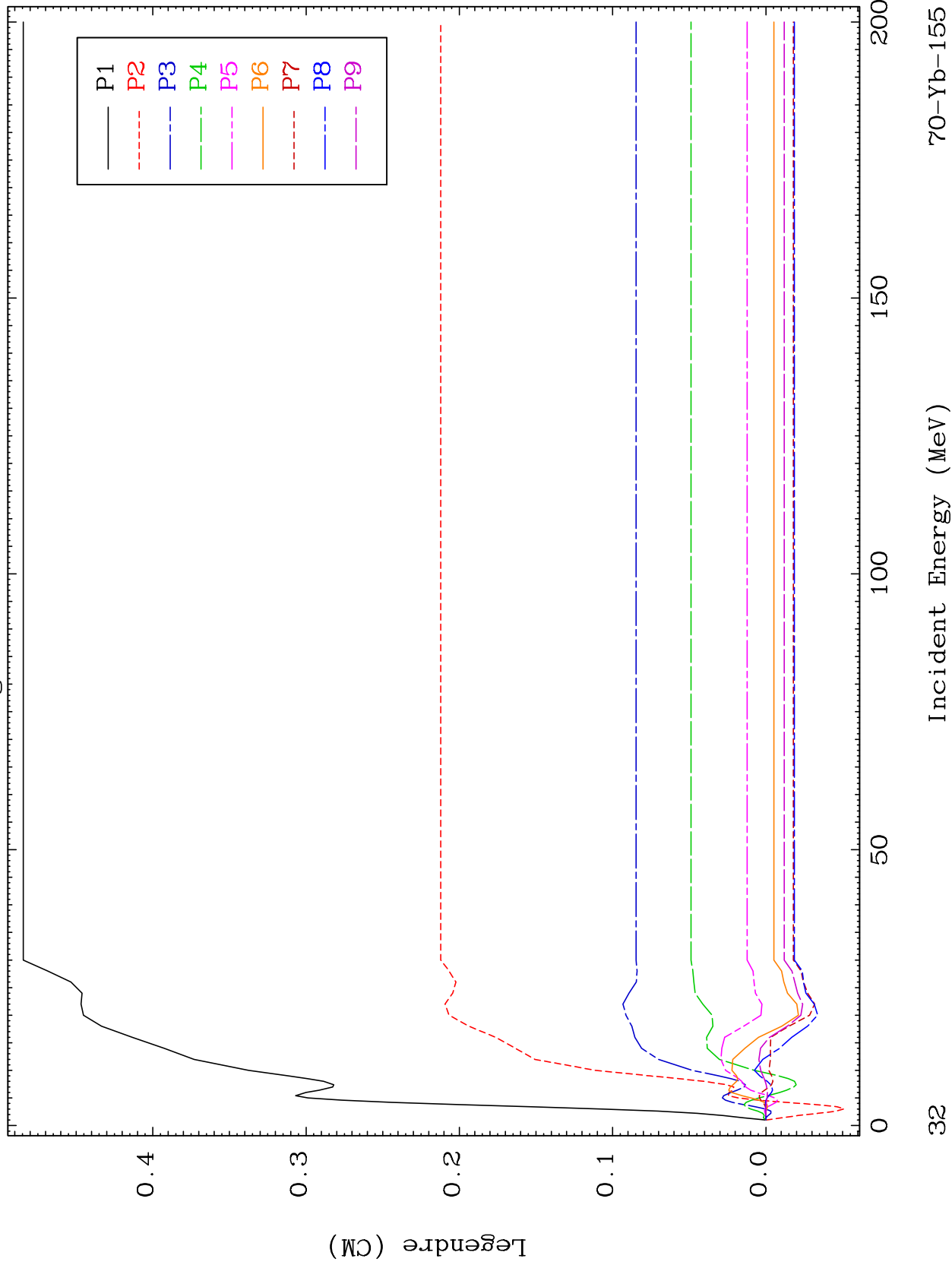


31

MAT 6986

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

70-Yb-155



32

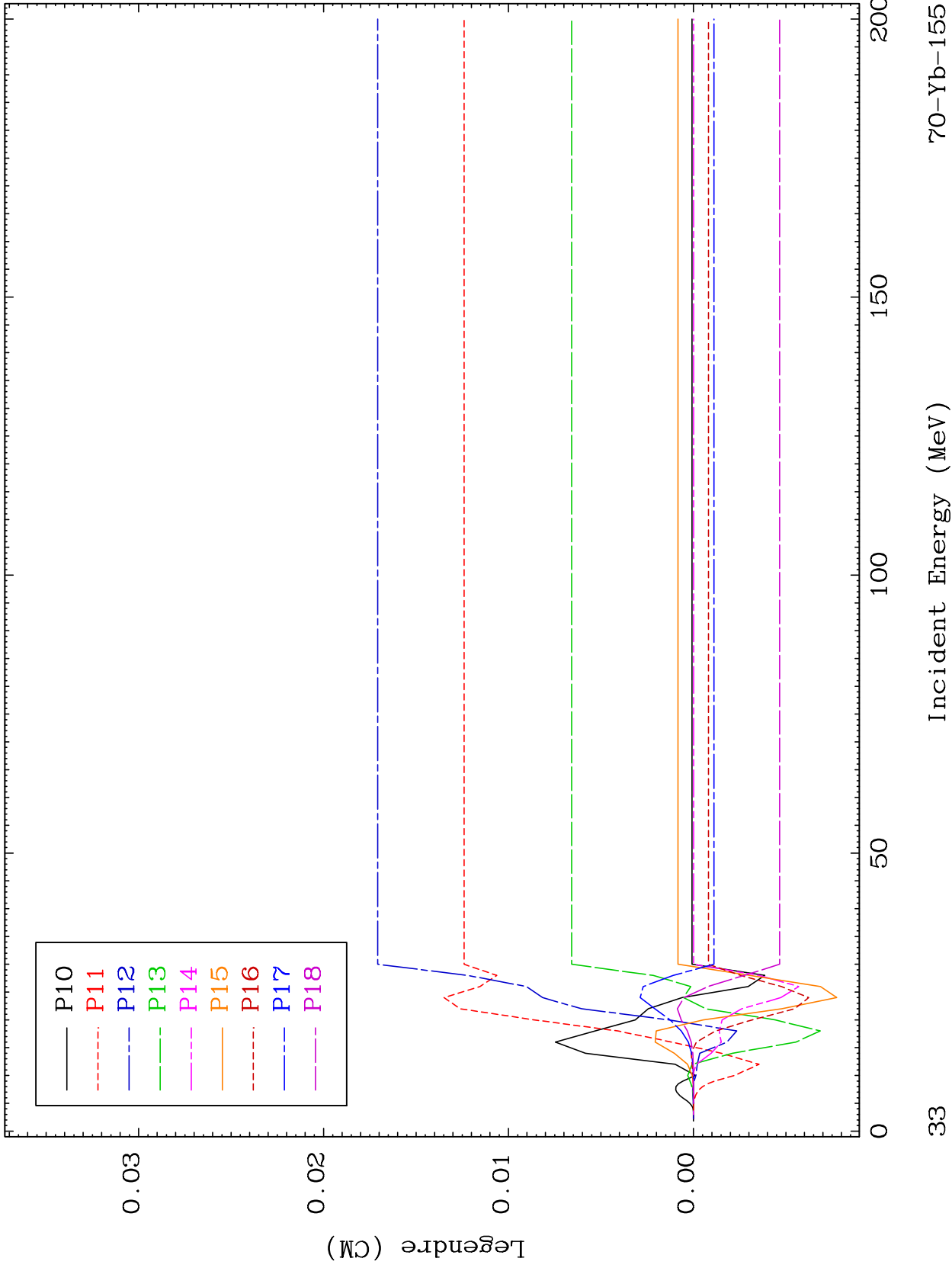
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

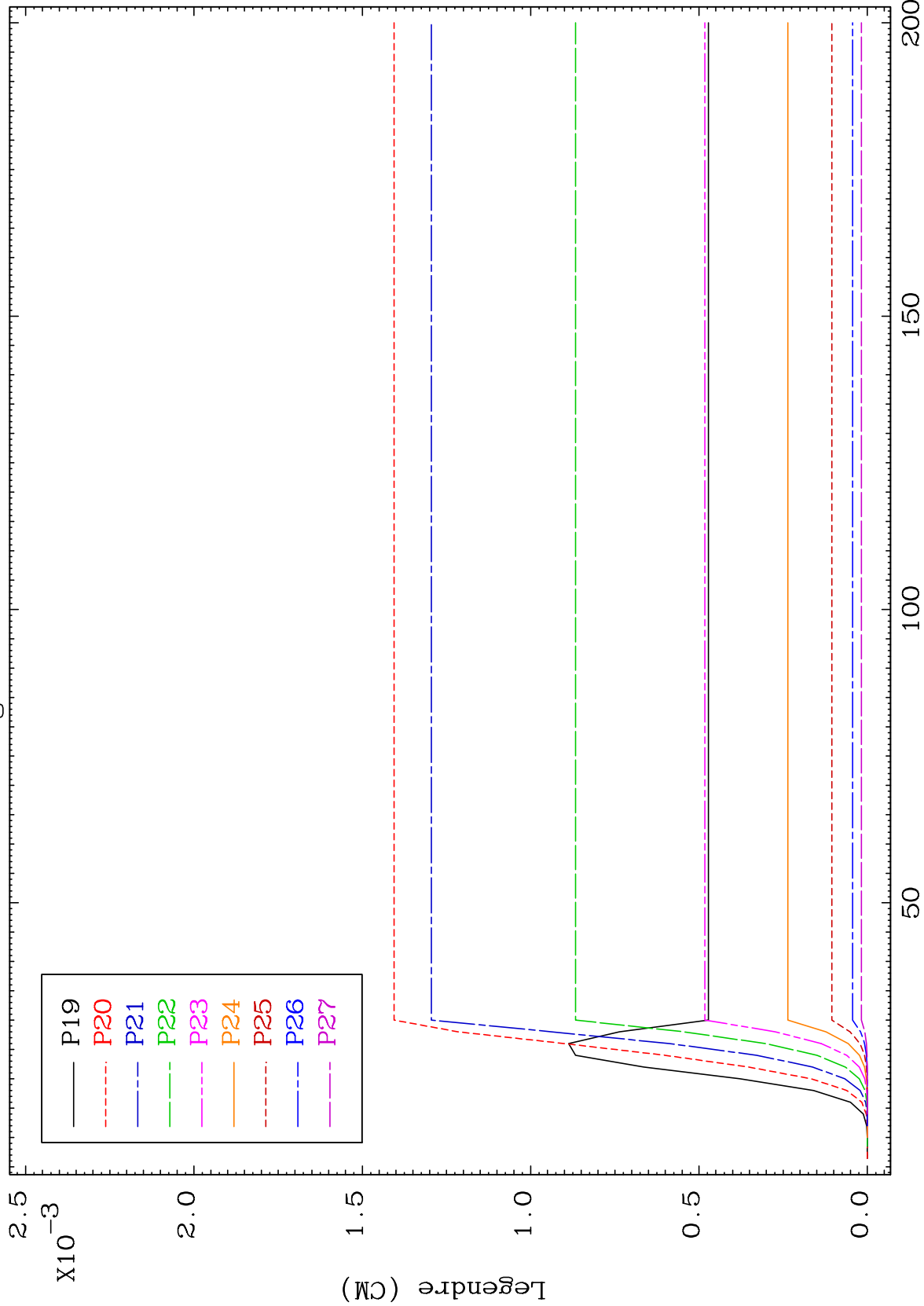
70-Yb-155



33

Incident Energy (MeV)

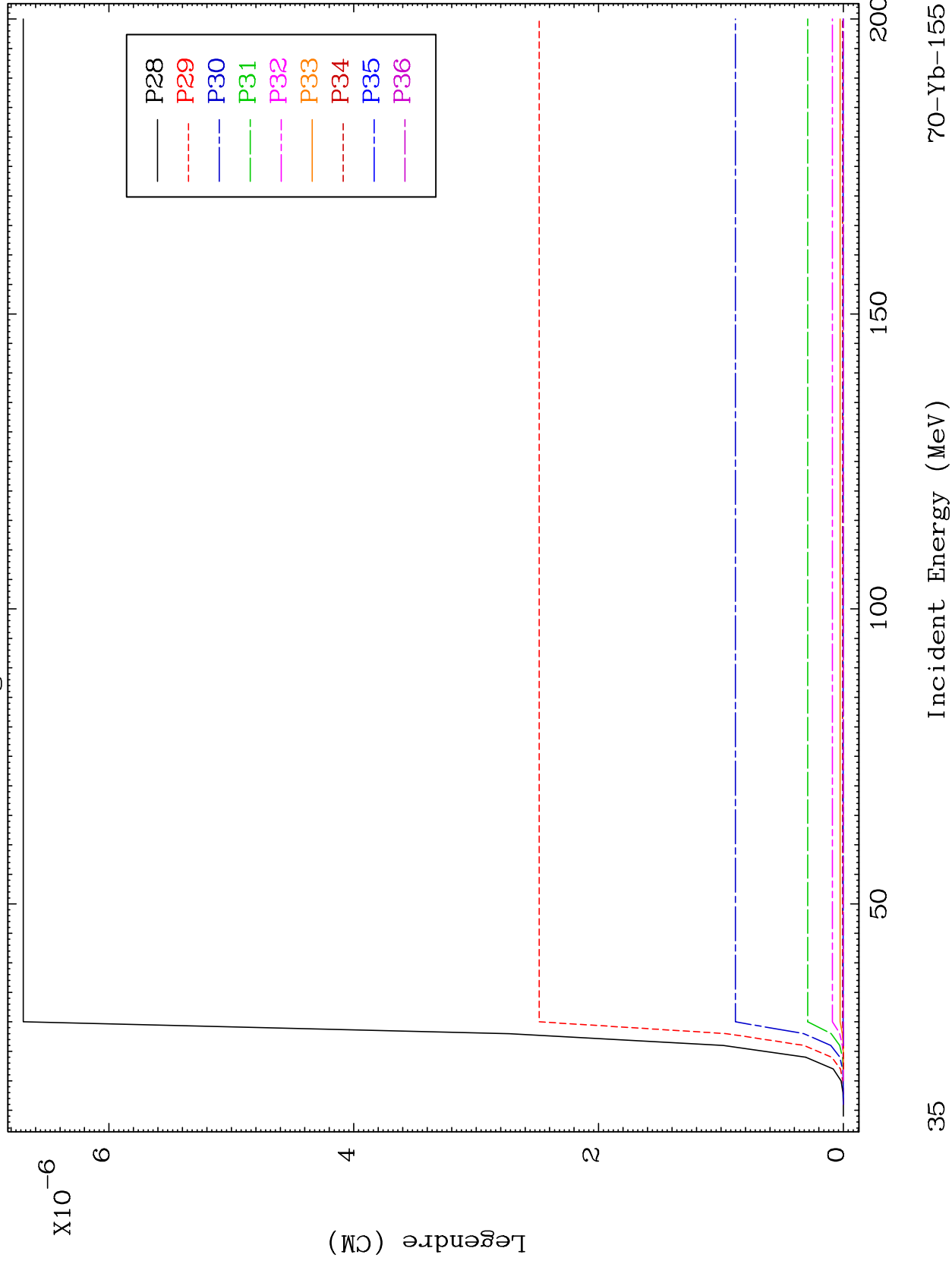
70-Yb-155



MAT 6986

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

70-Yb-155



35

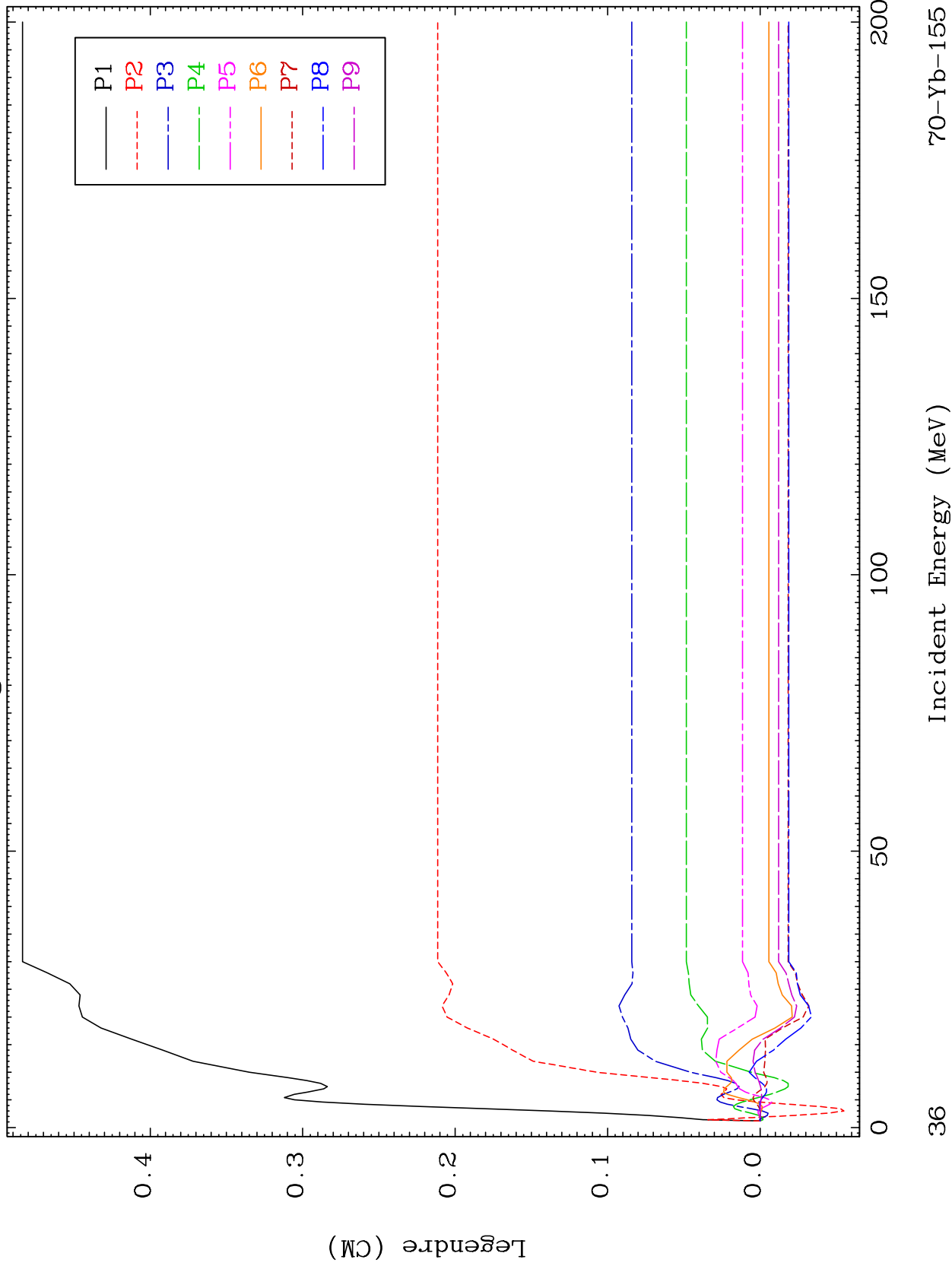
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



70-Yb-155

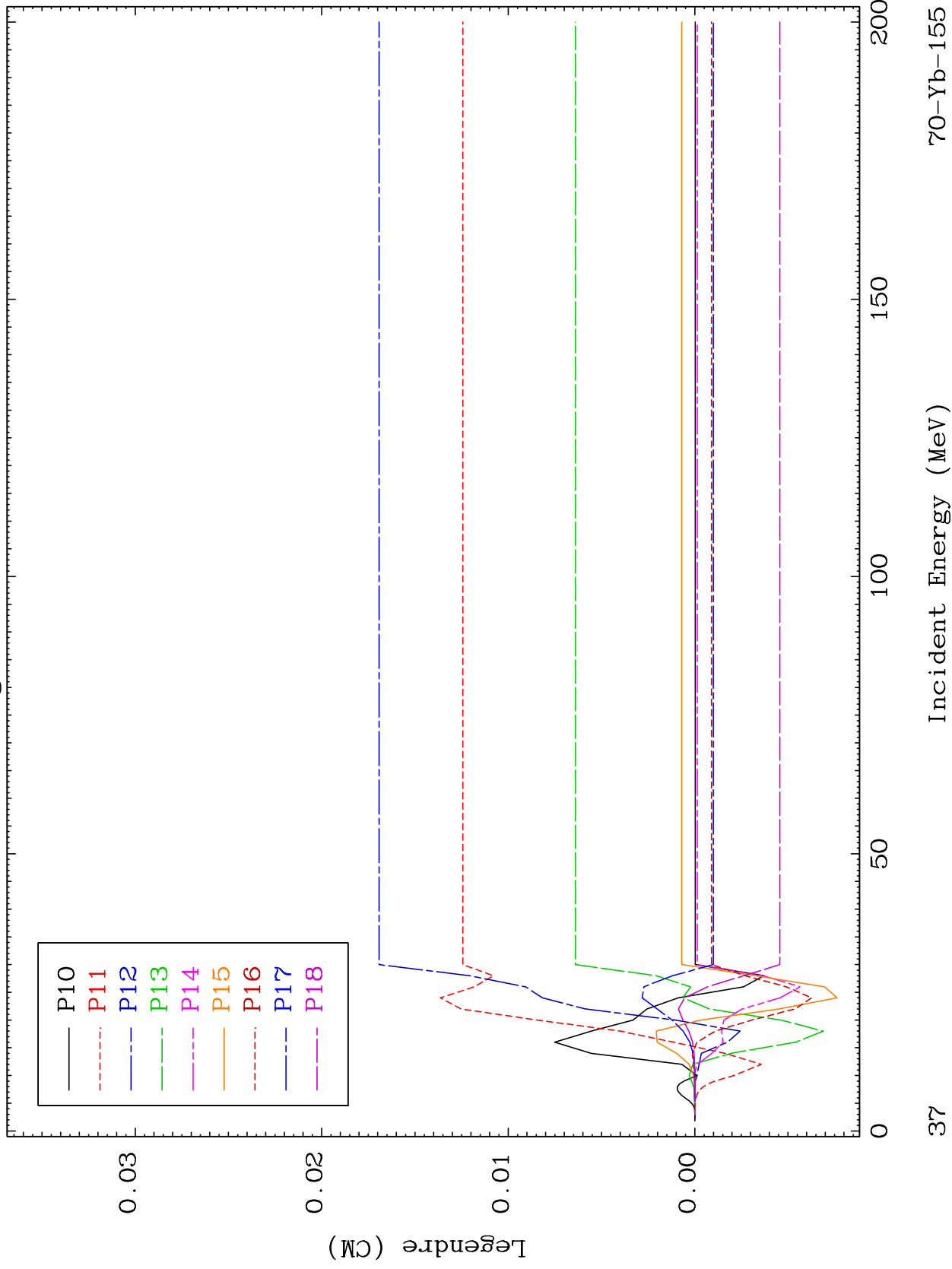
Incident Energy (MeV)

36

MAT 6986

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

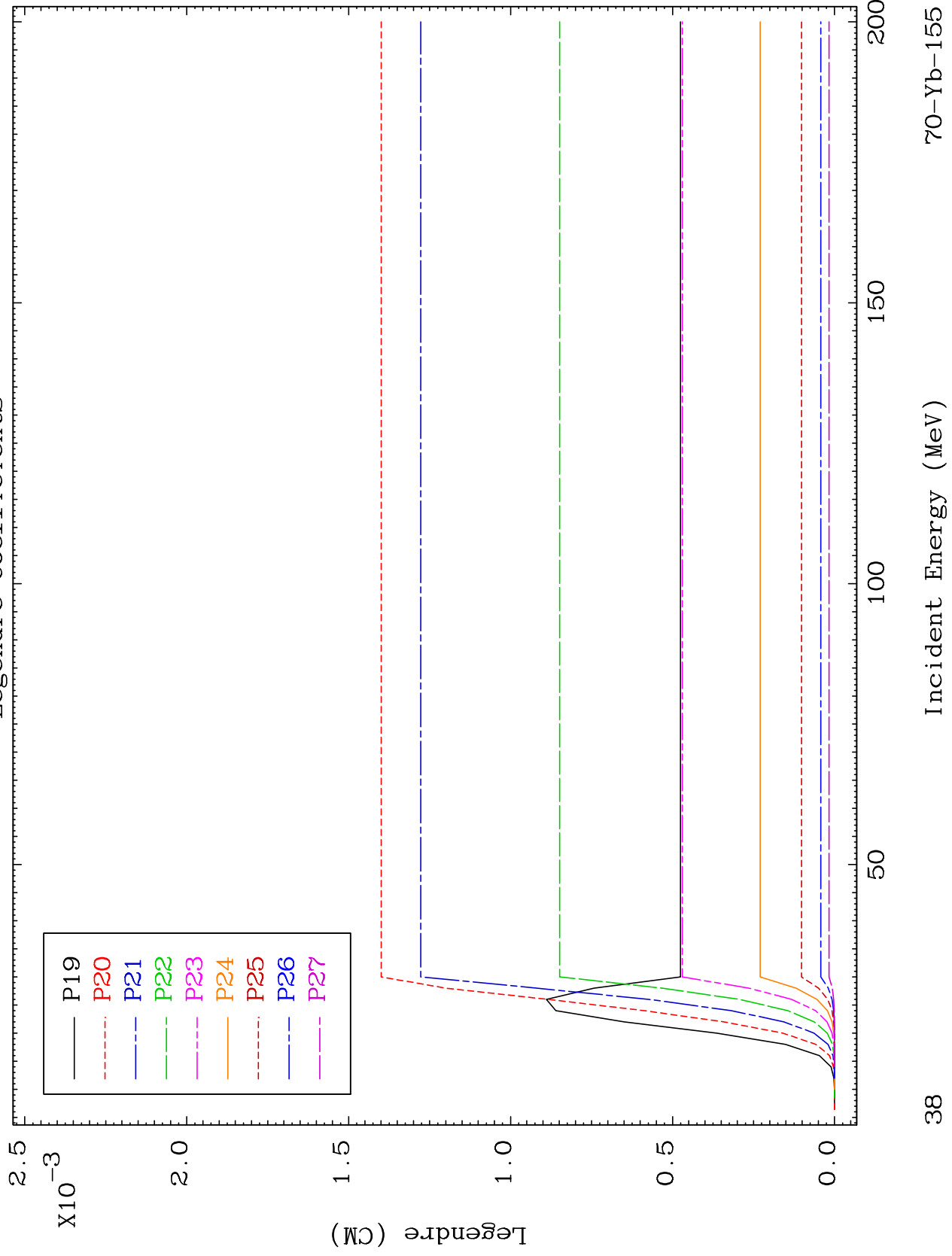
70-Yb-155



MAT 6986

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

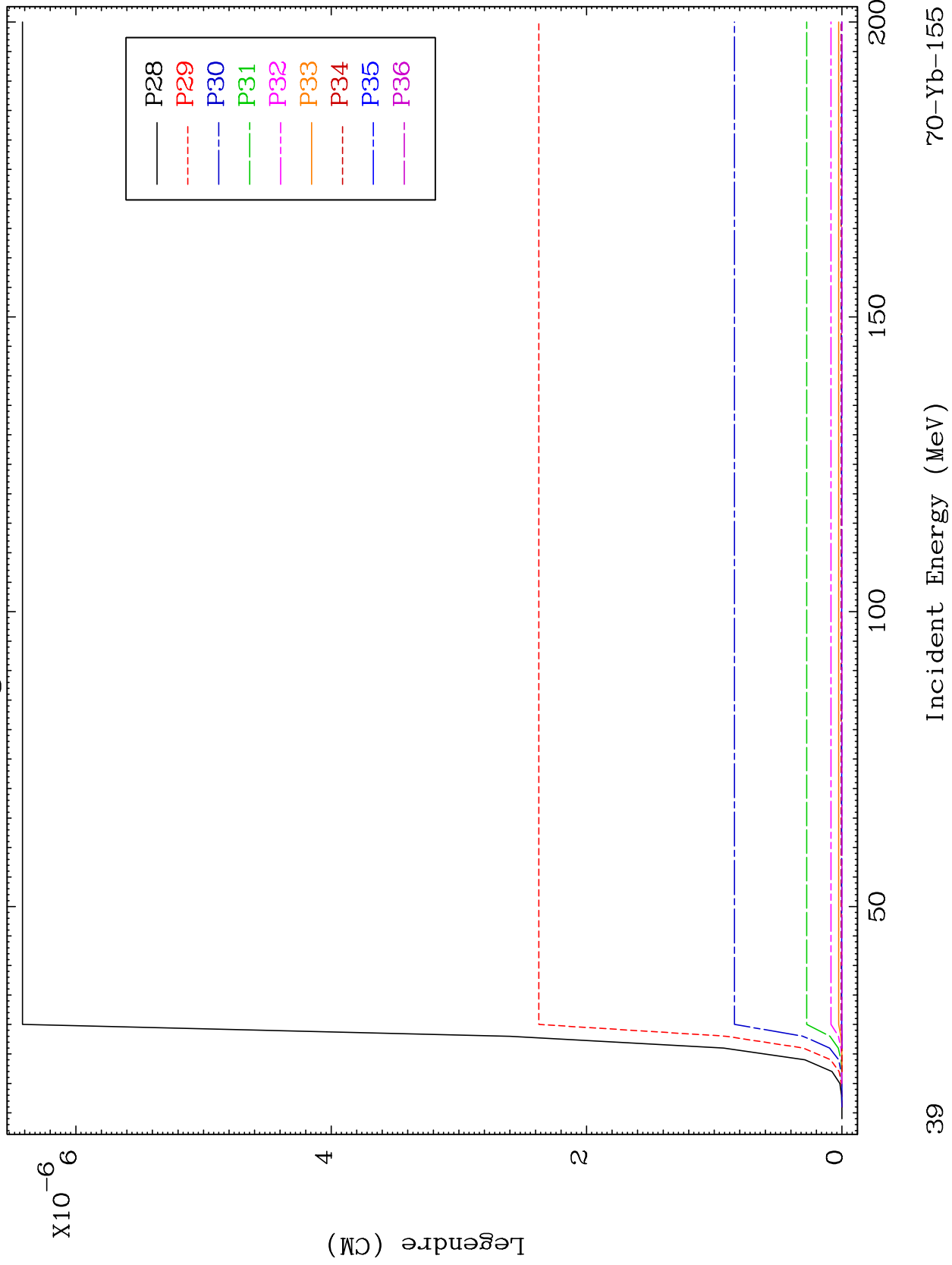
70-Yb-155



MAT 6986

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

70-Yb-155



39

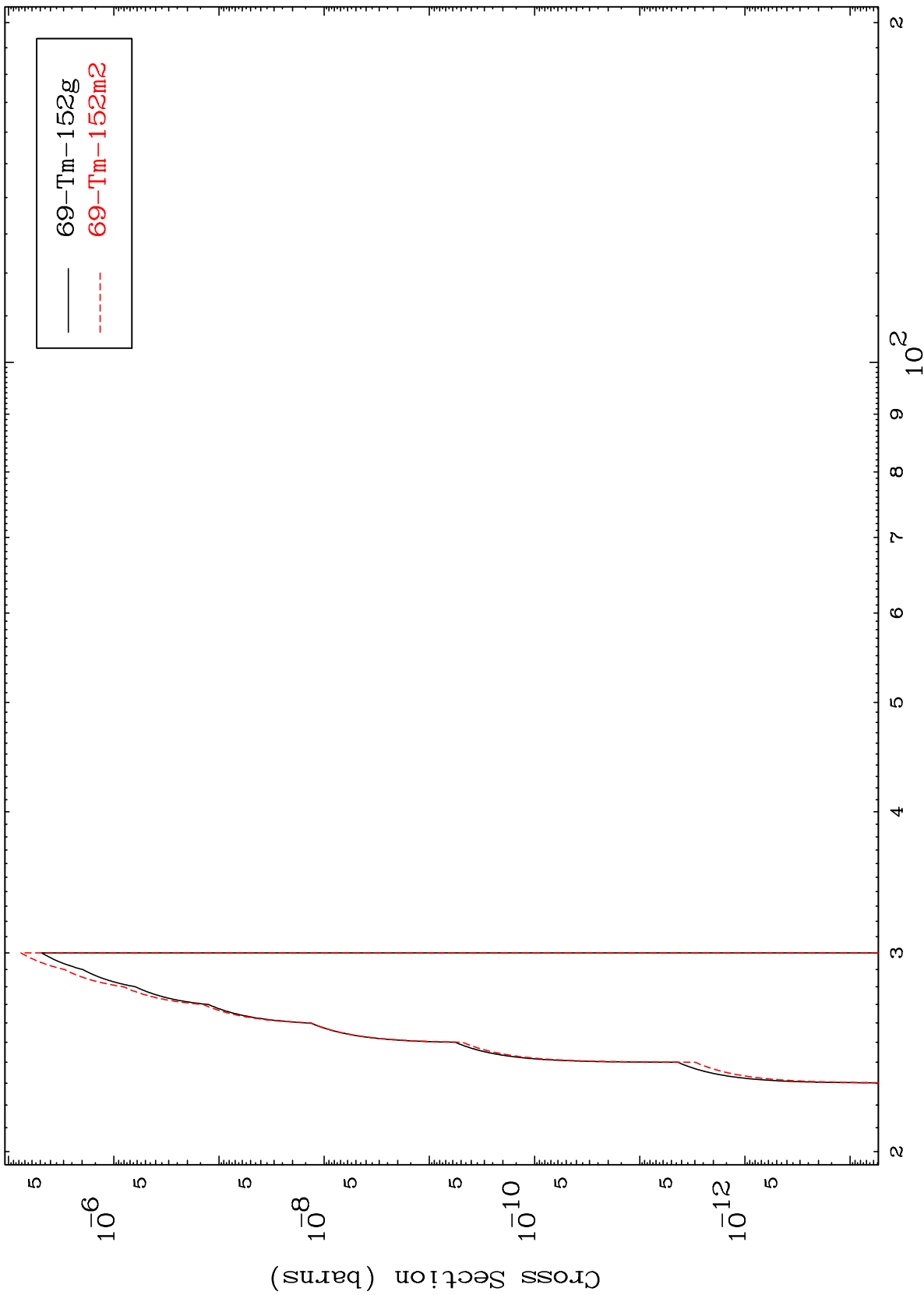
70-Yb-155

MAT 6986

(n,2n) d

70-Yb-155

Radionuclide Production Cross Section



40

Incident Energy (MeV)

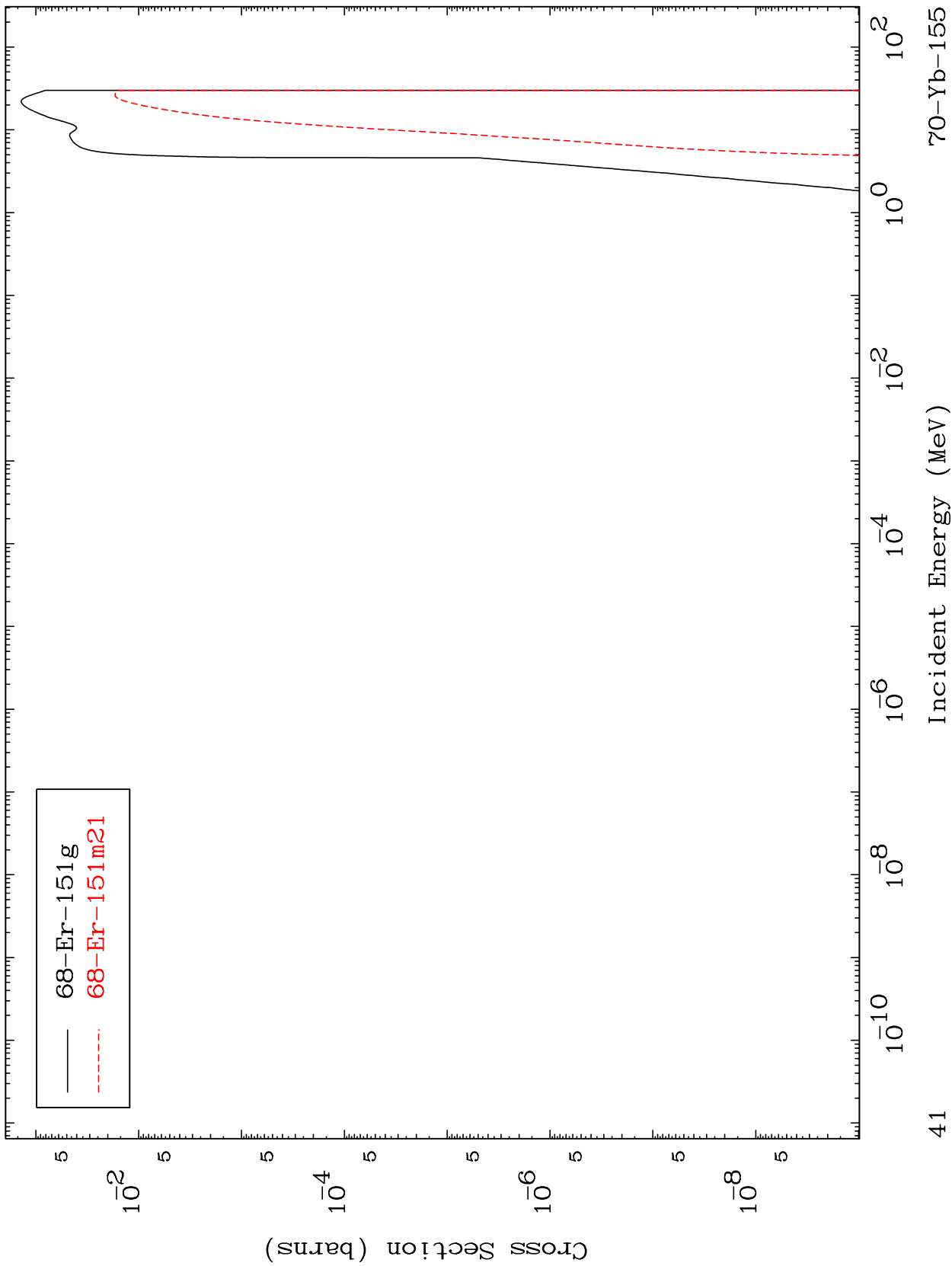
70-Yb-155

MAT 6986

$(n, n') \alpha$

$^{70}\text{Yb-155}$

Radionuclide Production Cross Section

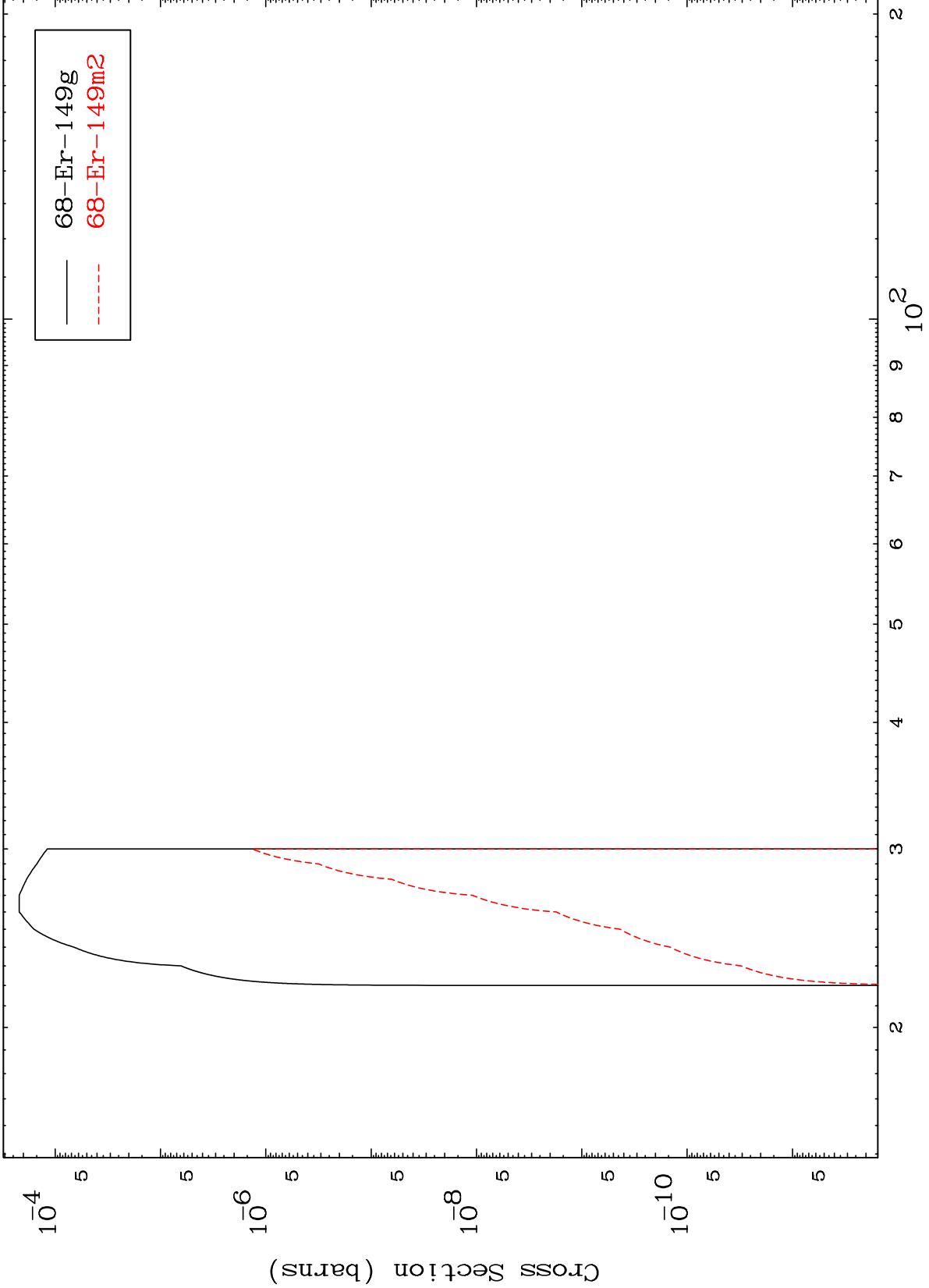


MAT 6986

$(n,3n) \alpha$

70-Yb-155

Radionuclide Production Cross Section

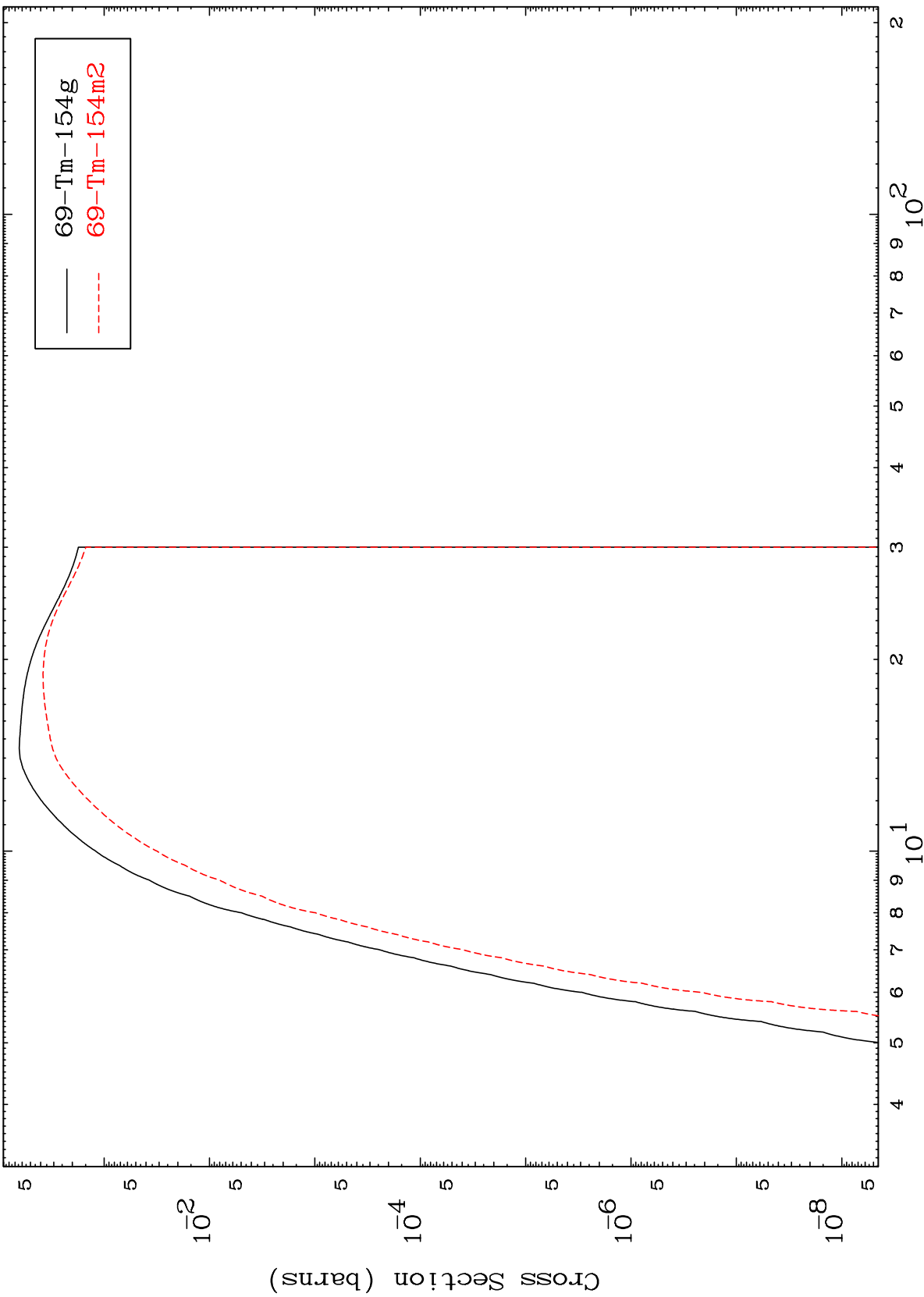


MAT 6986

(n,n') p

70-Yb-155

Radionuclide Production Cross Section



43

Incident Energy (MeV)

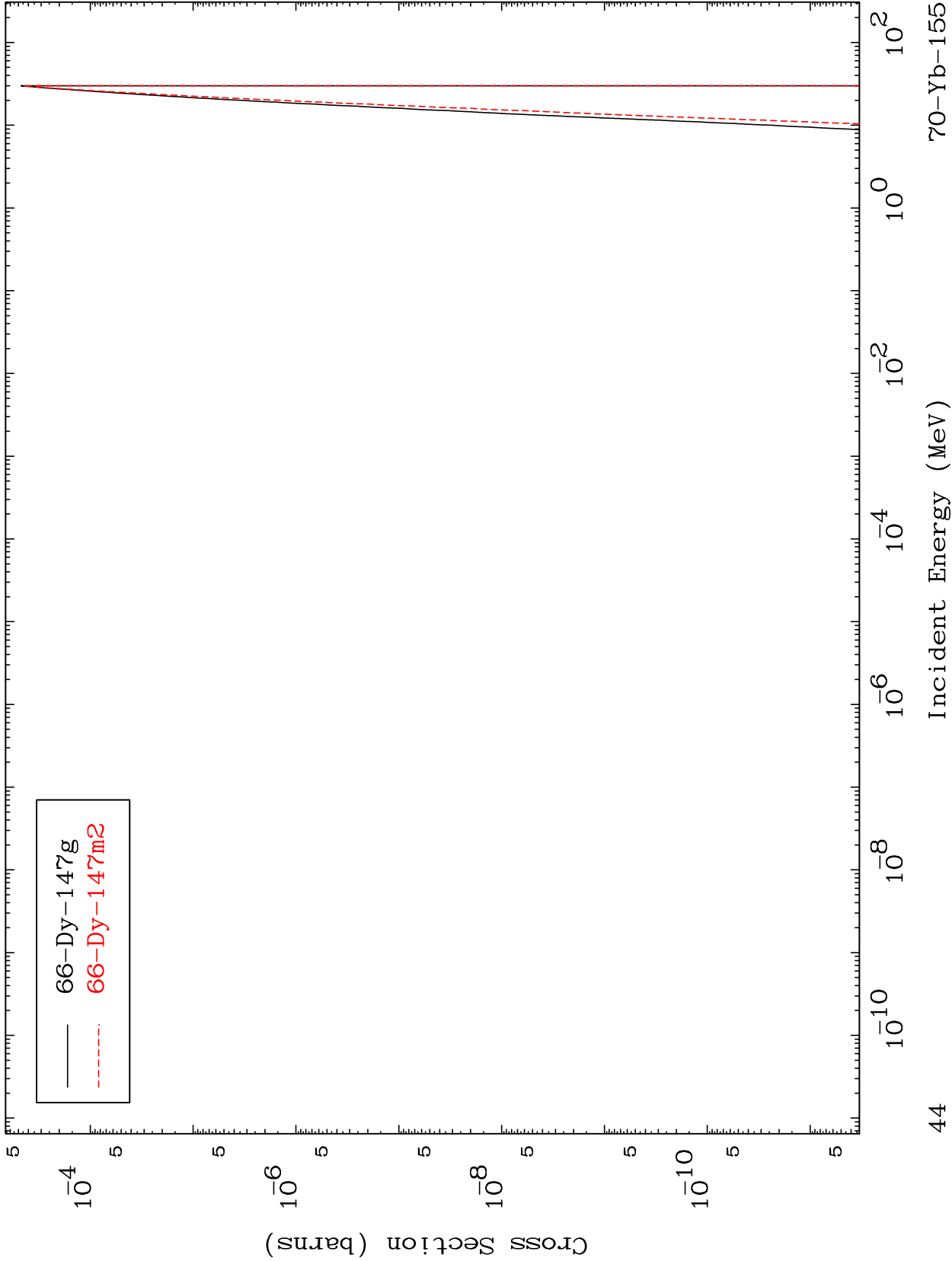
70-Yb-155

MAT 6986

(n,n') 2α

70-Yb-155

Radionuclide Production Cross Section

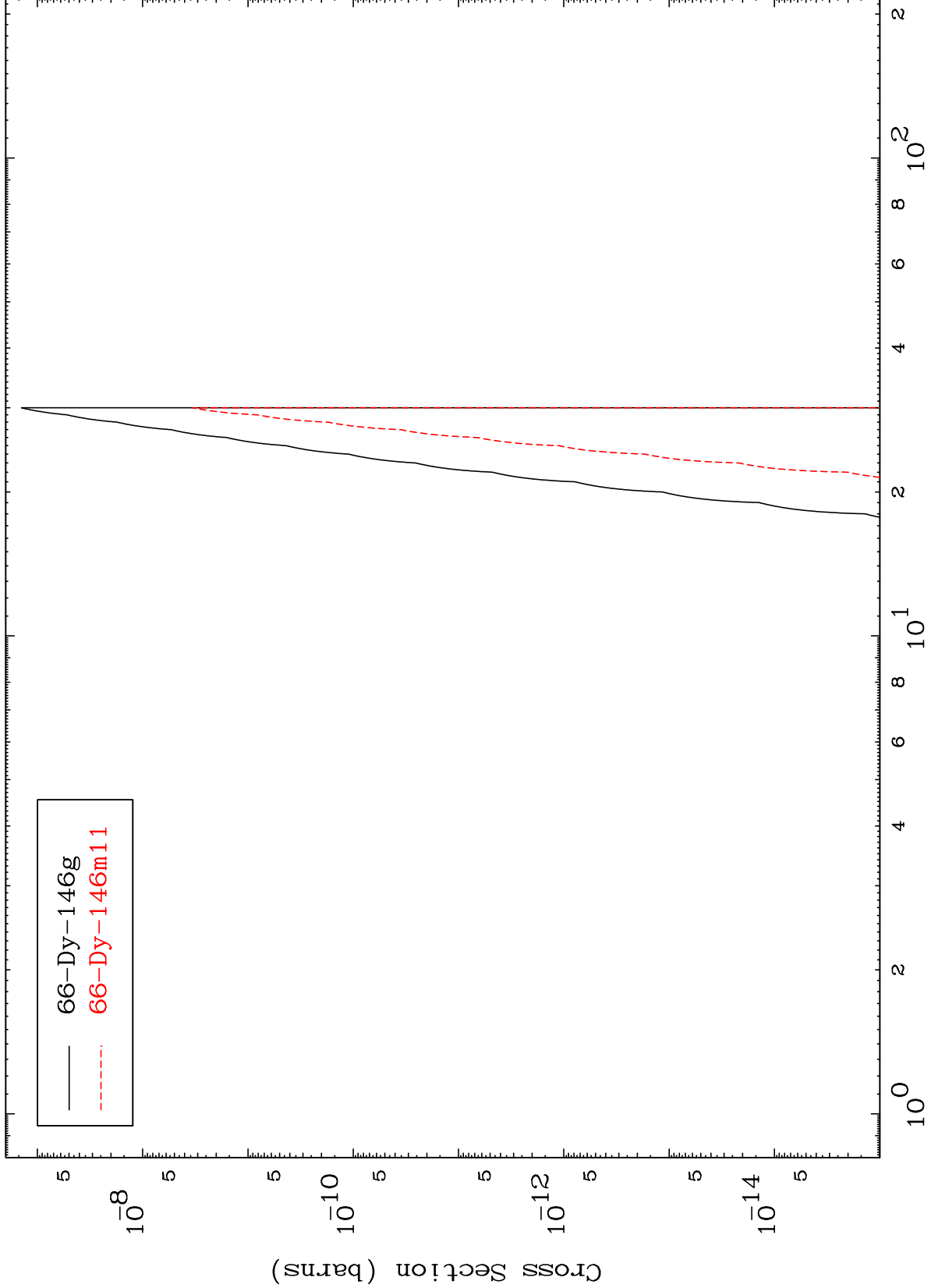


MAT 6986

(n,2n) 2 α

70-Yb-155

Radionuclide Production Cross Section



66-Dy-146g
66-Dy-146m11

45

Incident Energy (MeV)

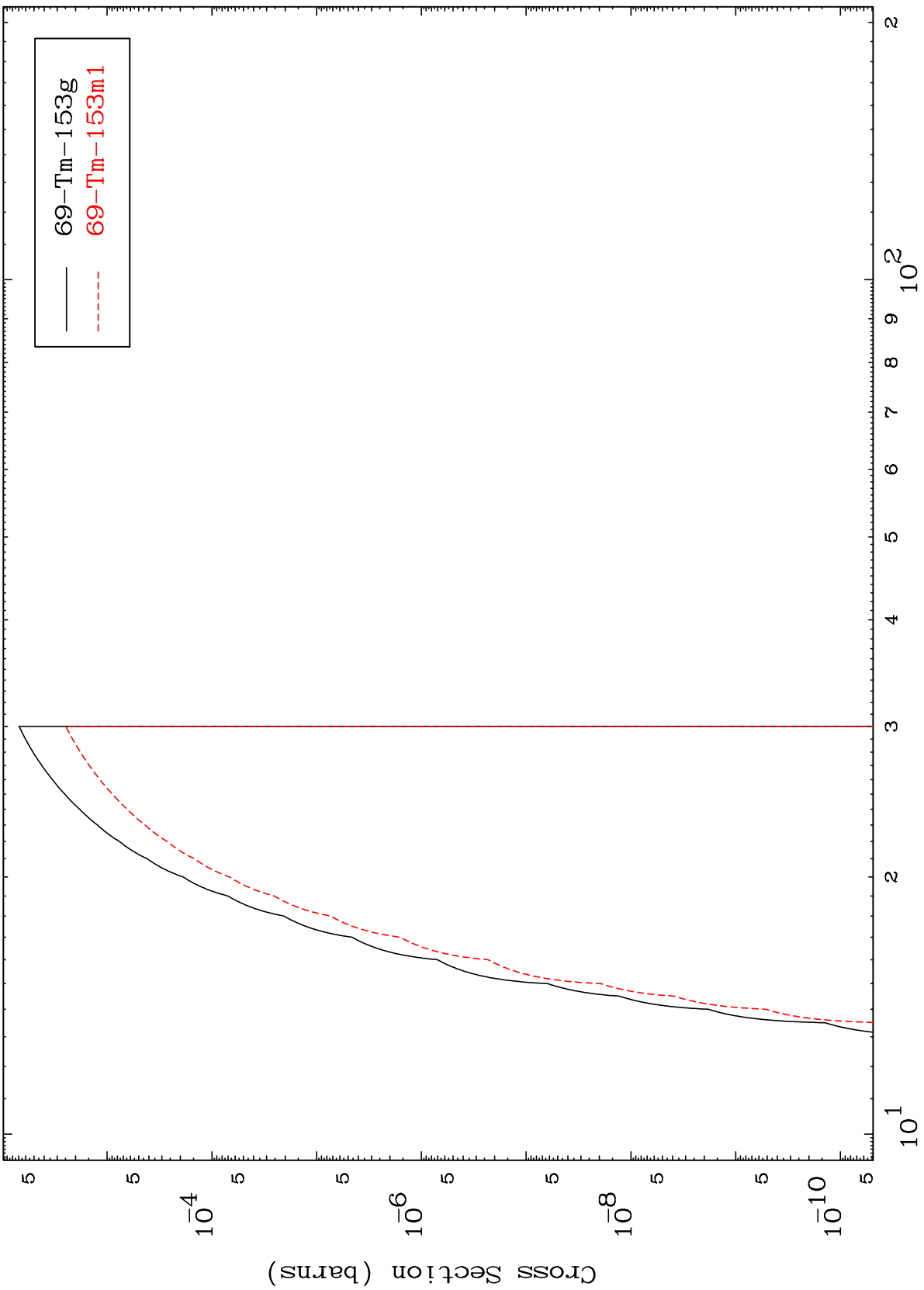
70-Yb-155

MAT 6986

(n,n') d

70-Yb-155

Radionuclide Production Cross Section



46

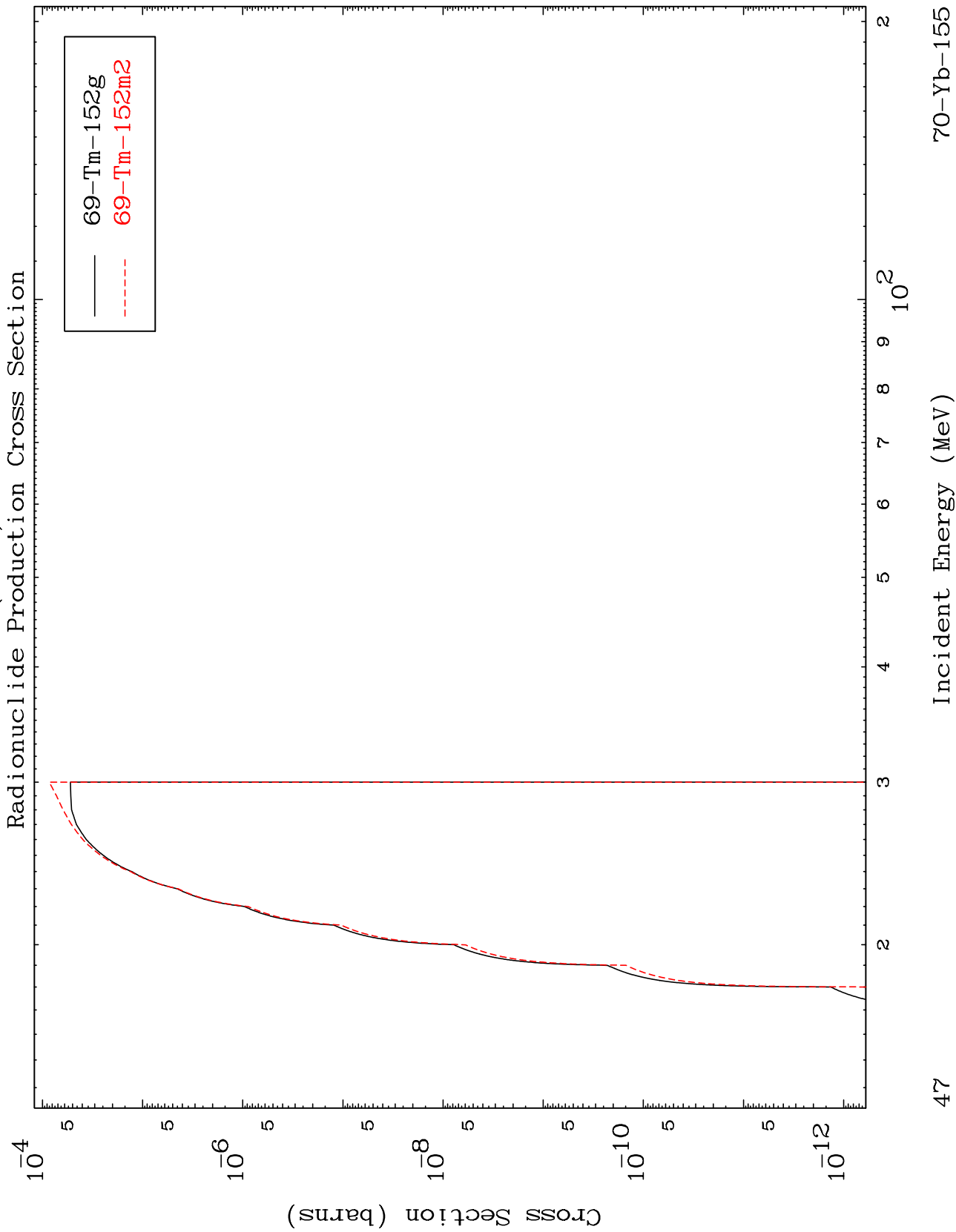
Incident Energy (MeV)

70-Yb-155

MAT 6986

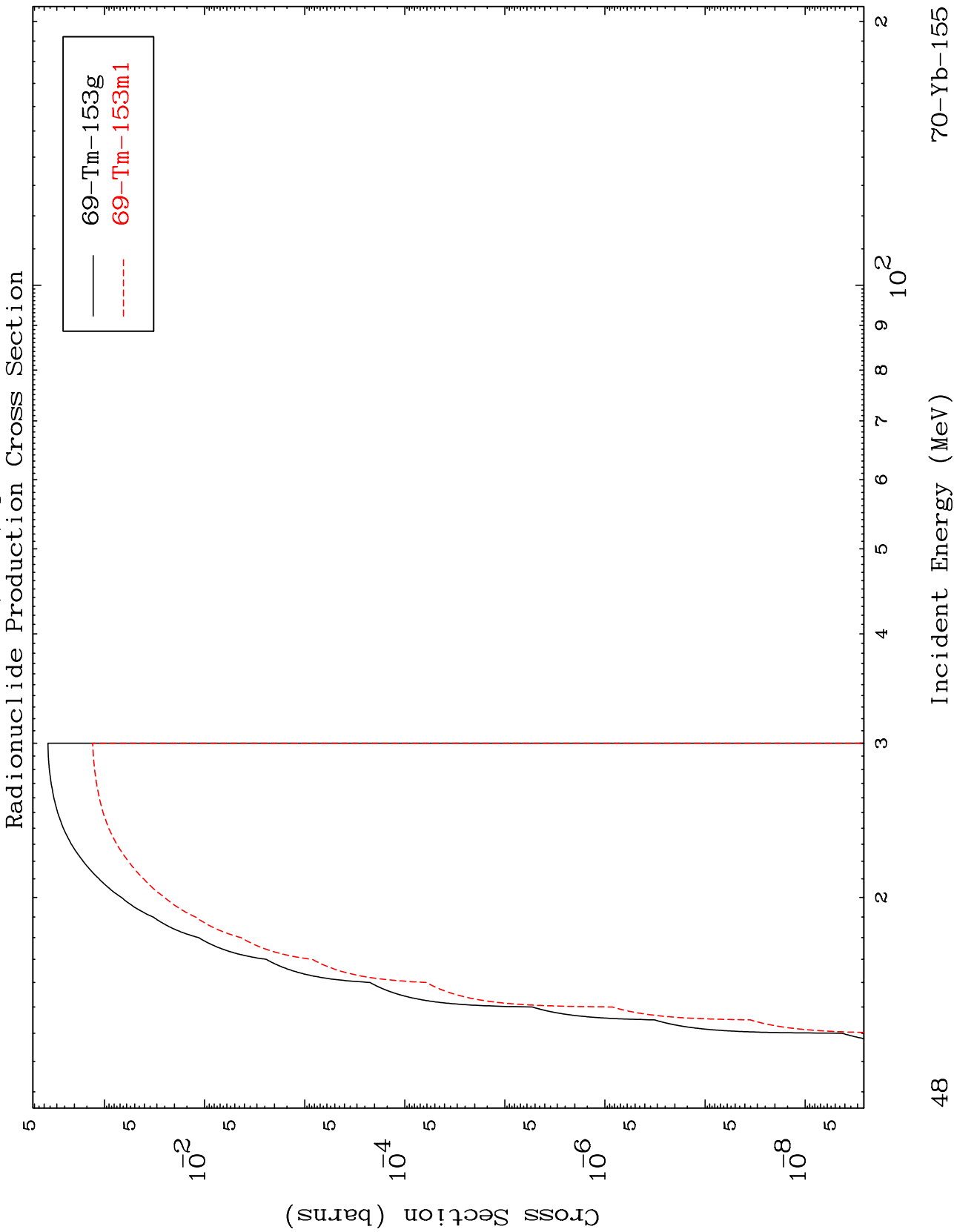
(n,n') t

70-Yb-155



47

70-Yb-155

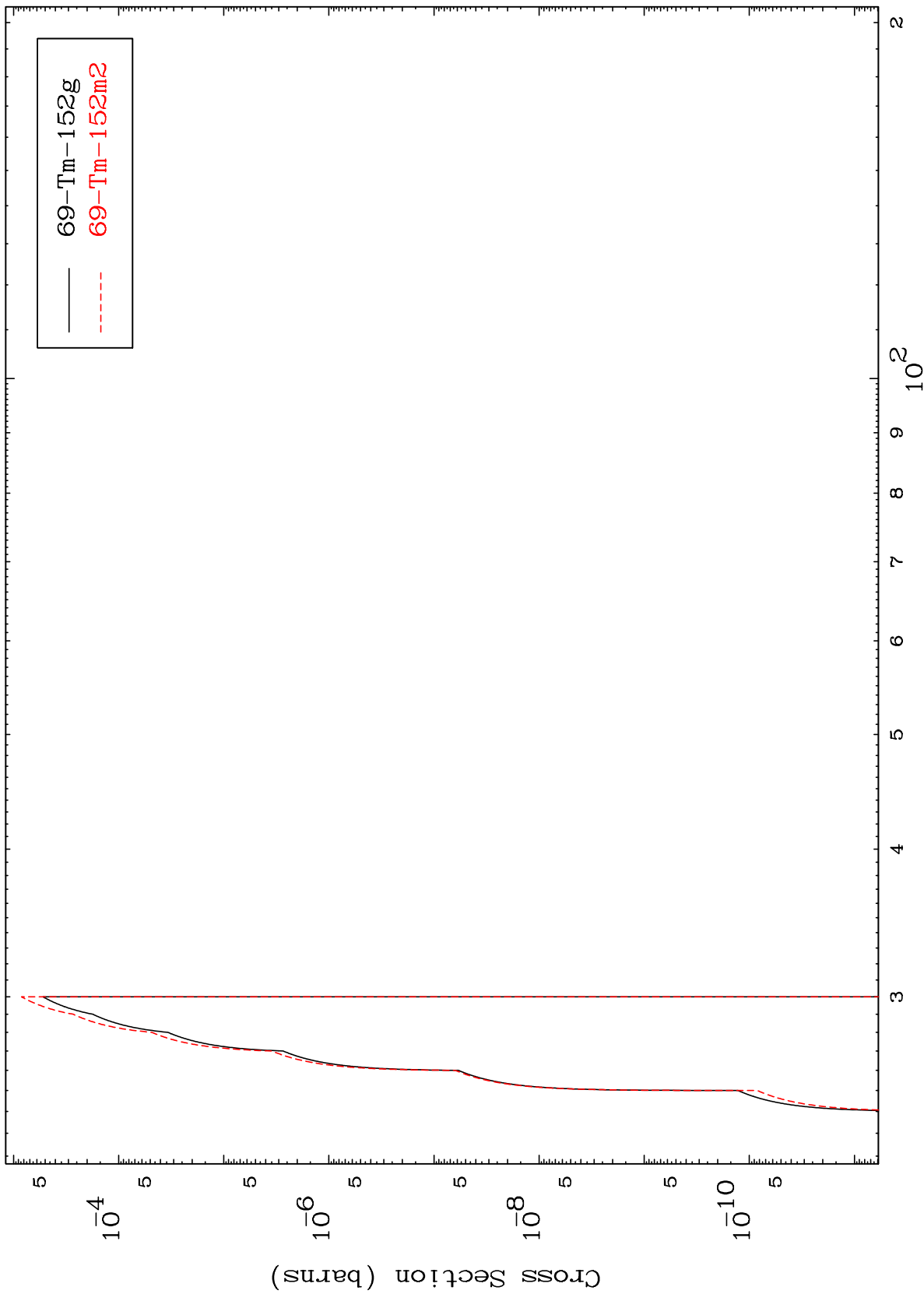


MAT 6986

(n,3n) p

70-Yb-155

Radionuclide Production Cross Section



49

Incident Energy (MeV)

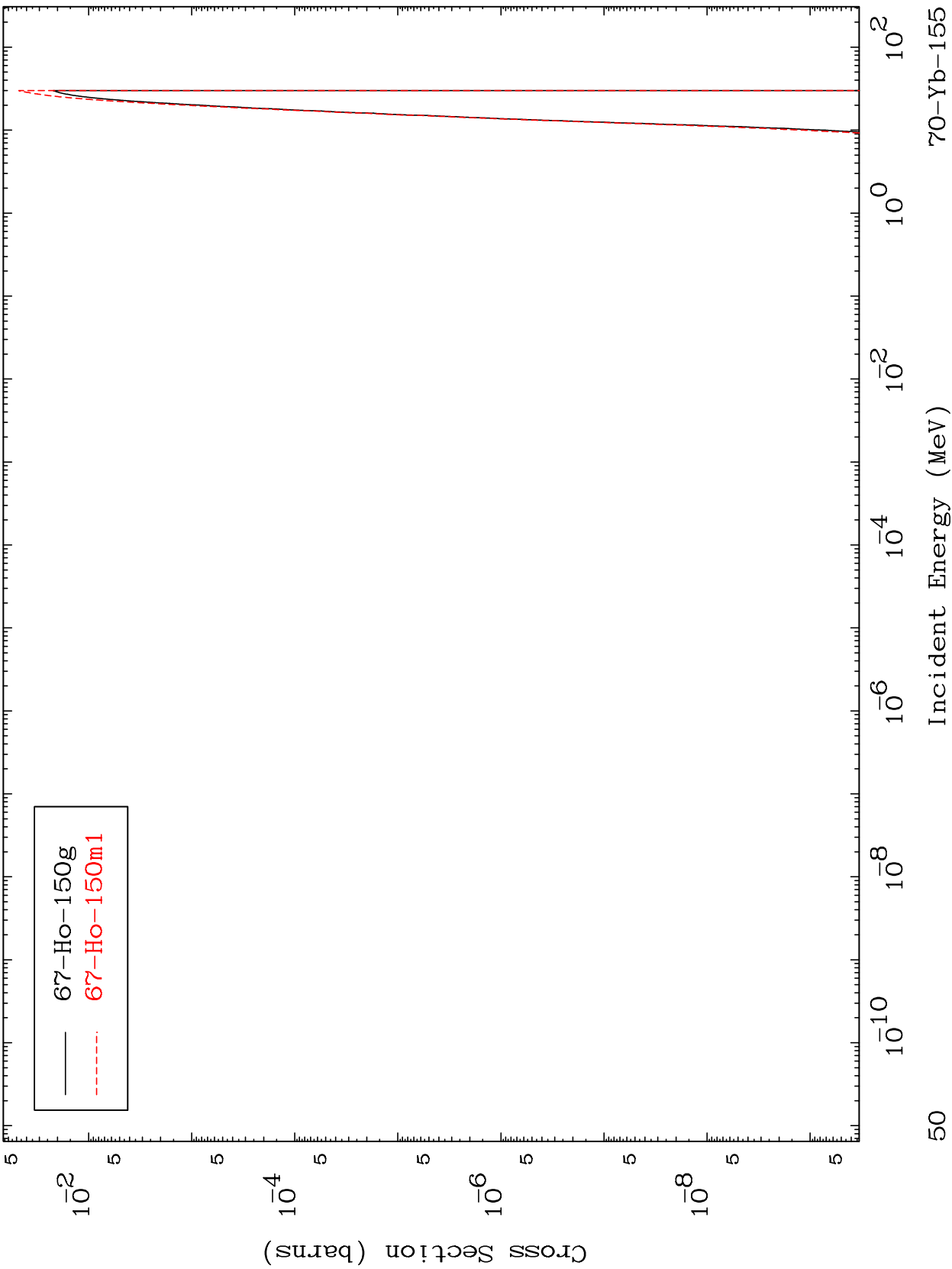
70-Yb-155

MAT 6986

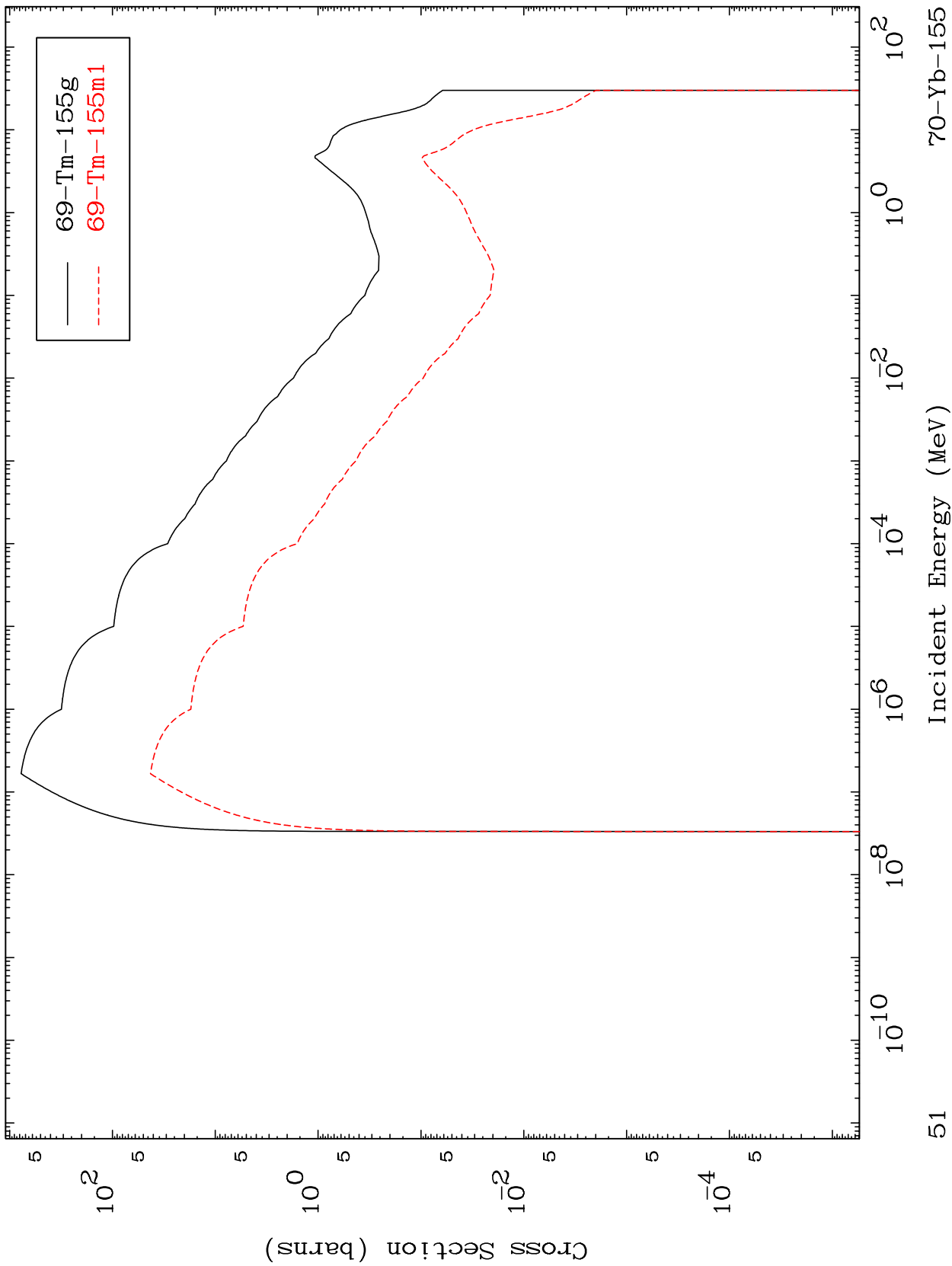
(n,n') p α

70-Yb-155

Radionuclide Production Cross Section



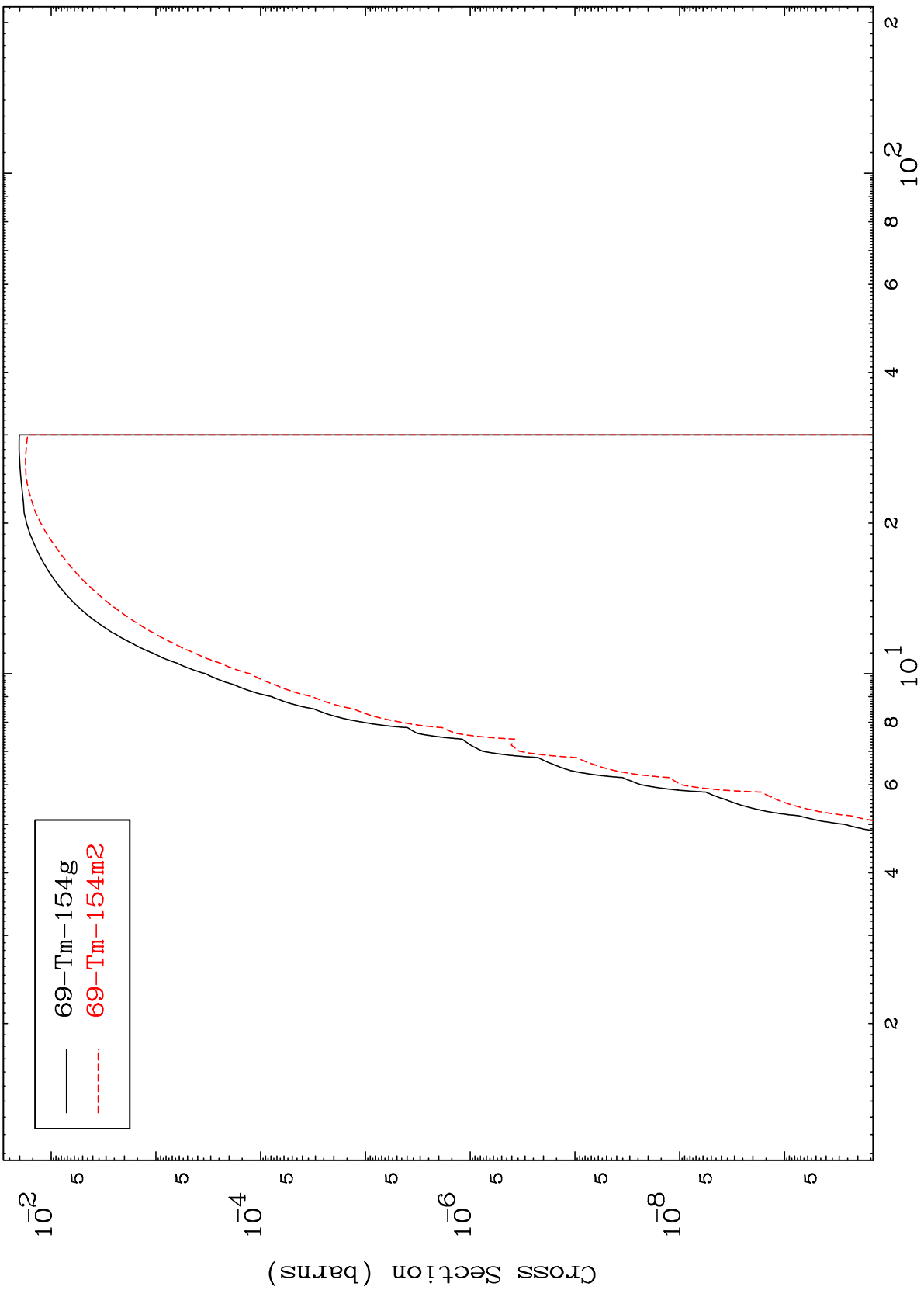
(n,p)
Radionuclide Production Cross Section



MAT 6986

70-Yb-155

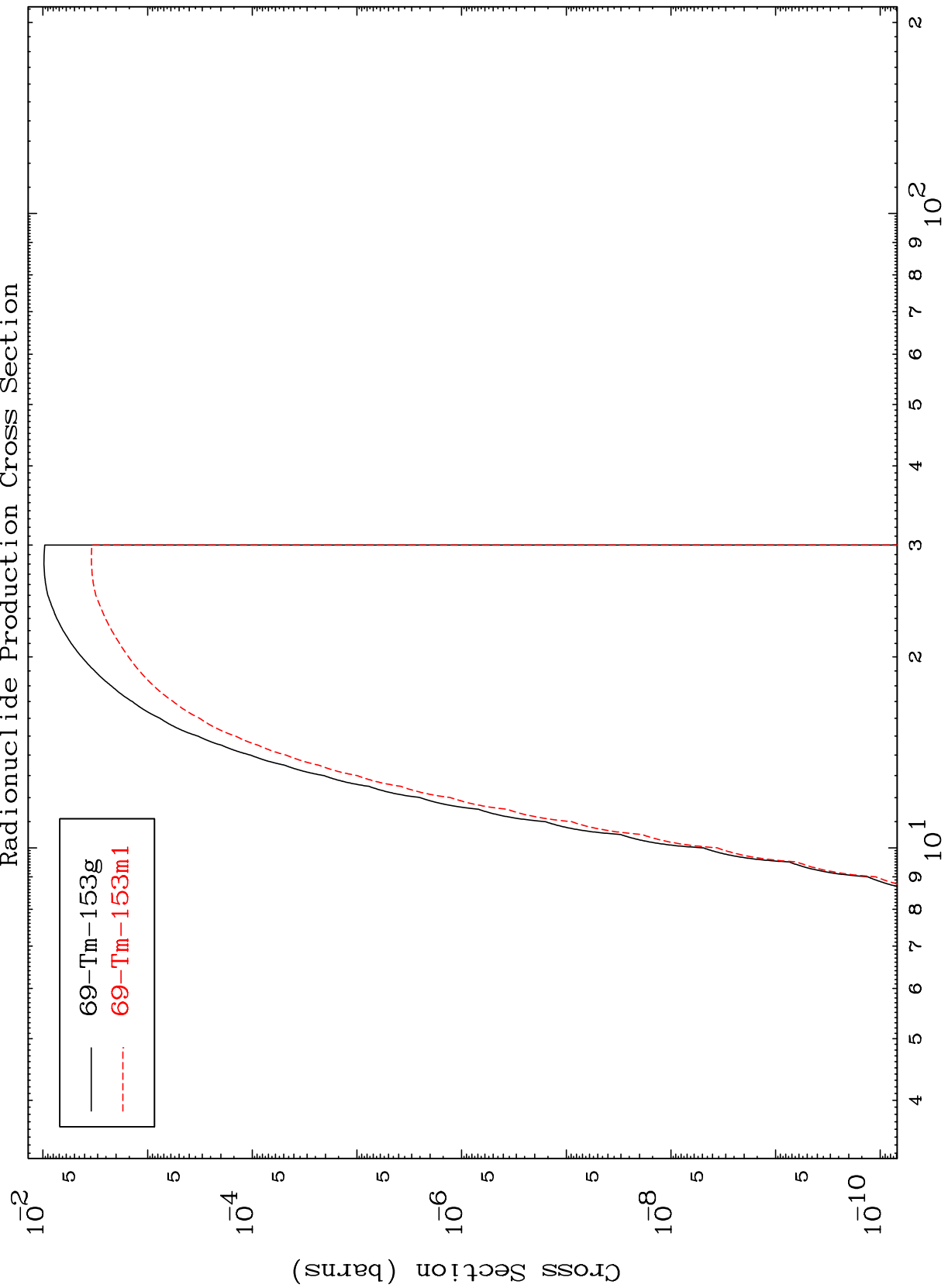
(n,d)
Radionuclide Production Cross Section



MAT 6986

70-Yb-155

Radionuclide Production Cross Section (n, t)



Incident Energy (MeV)

70-Yb-155

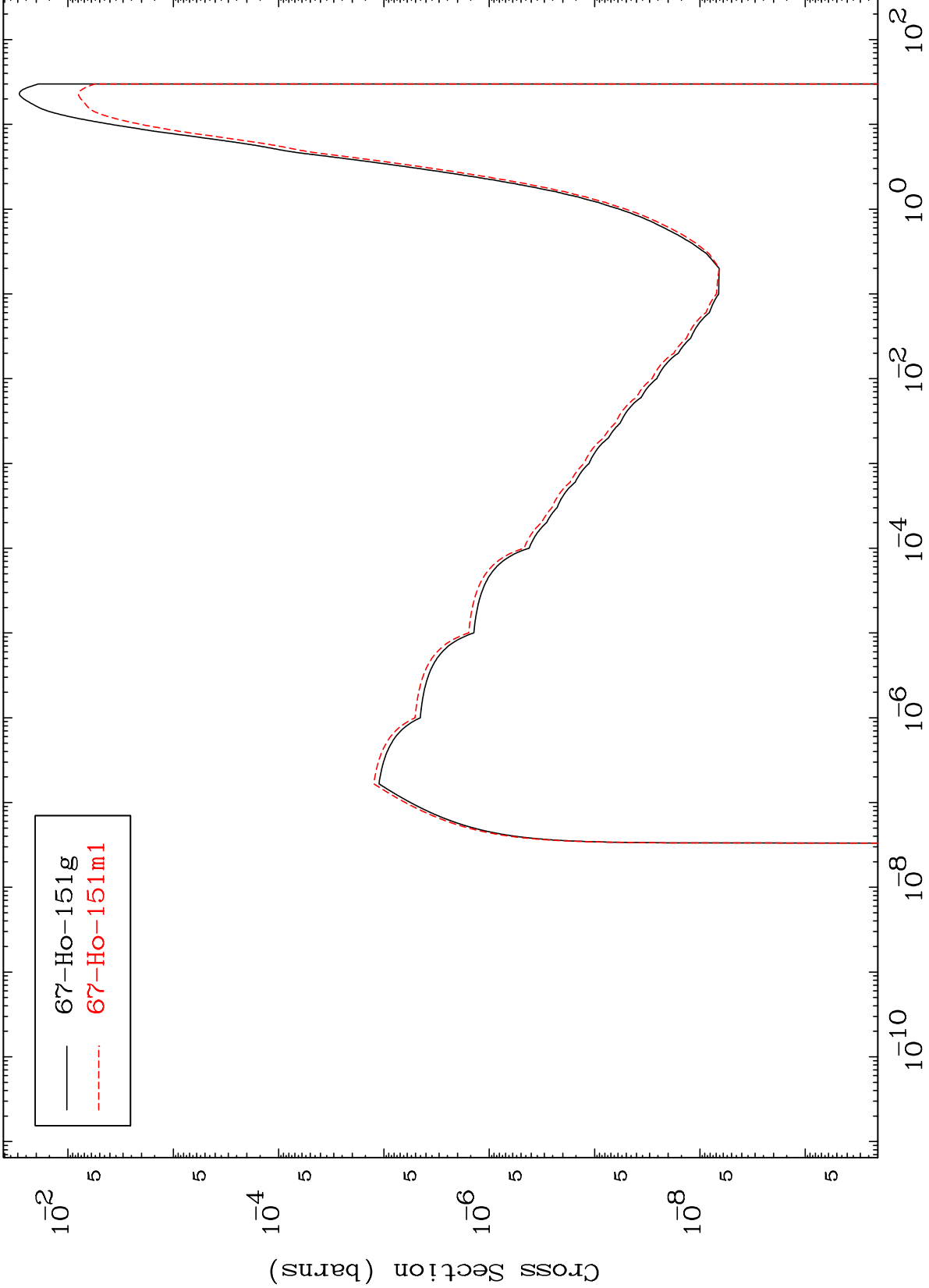
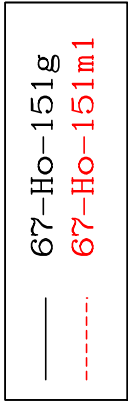
53

MAT 6986

(n,p) α

70-Yb-155

Radionuclide Production Cross Section

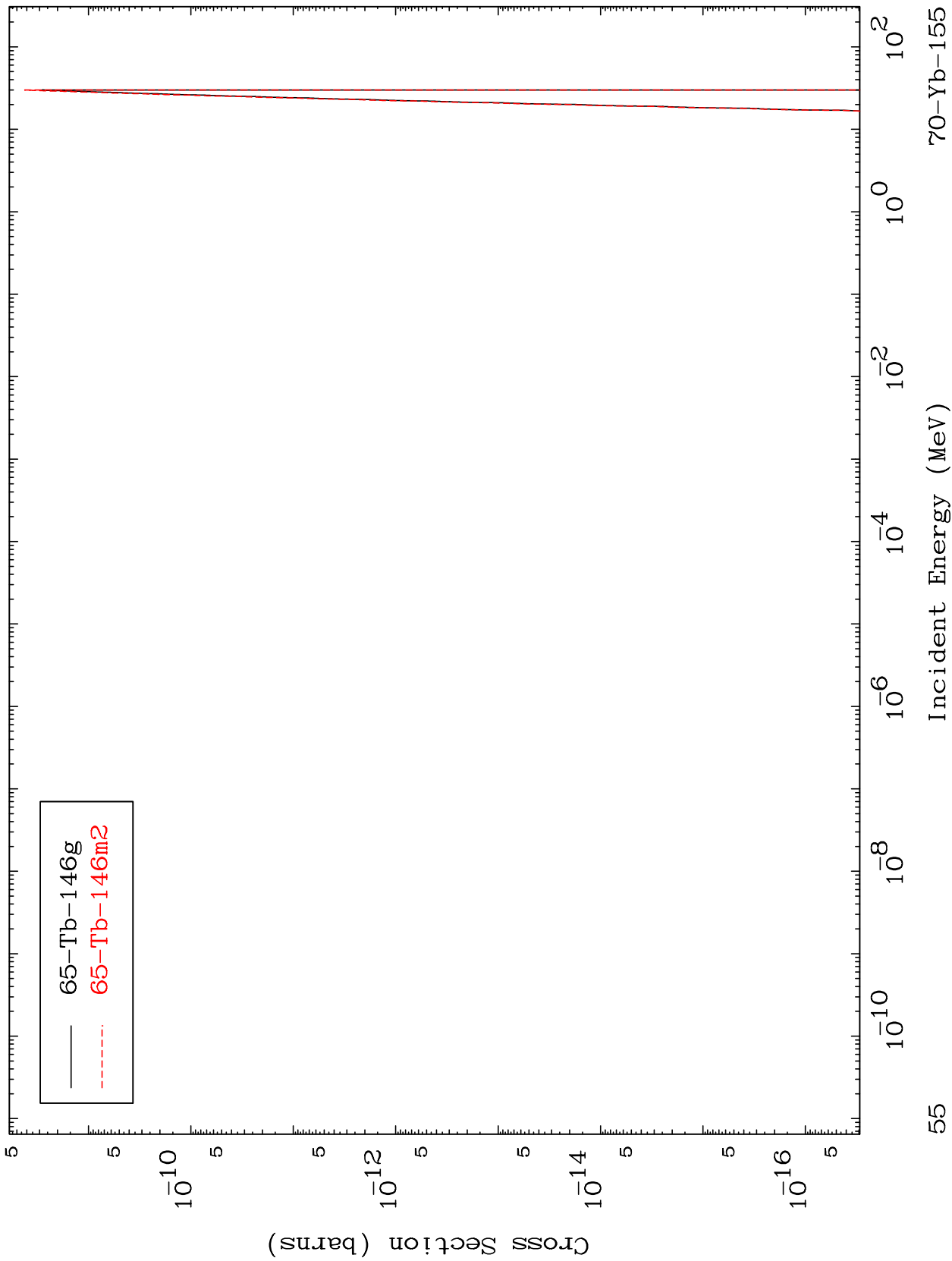


MAT 6986

(n,d) 2 α

70-Yb-155

Radionuclide Production Cross Section



MAT 6986

(n,d) α

70-Yb-155

Radionuclide Production Cross Section

