

Program EVALPLOT  
(Version 2015-2)

by

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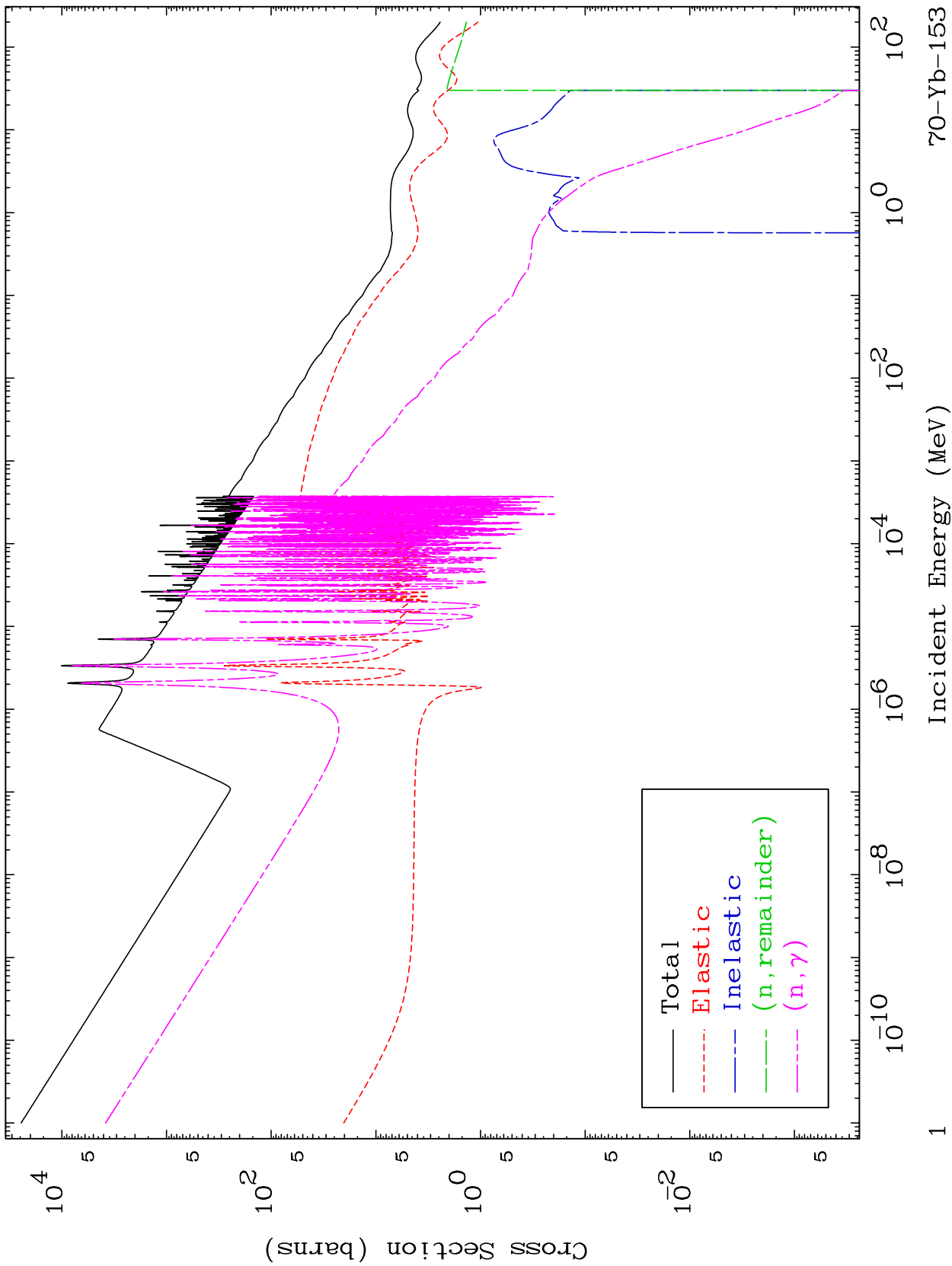
Press Mouse Button to Start

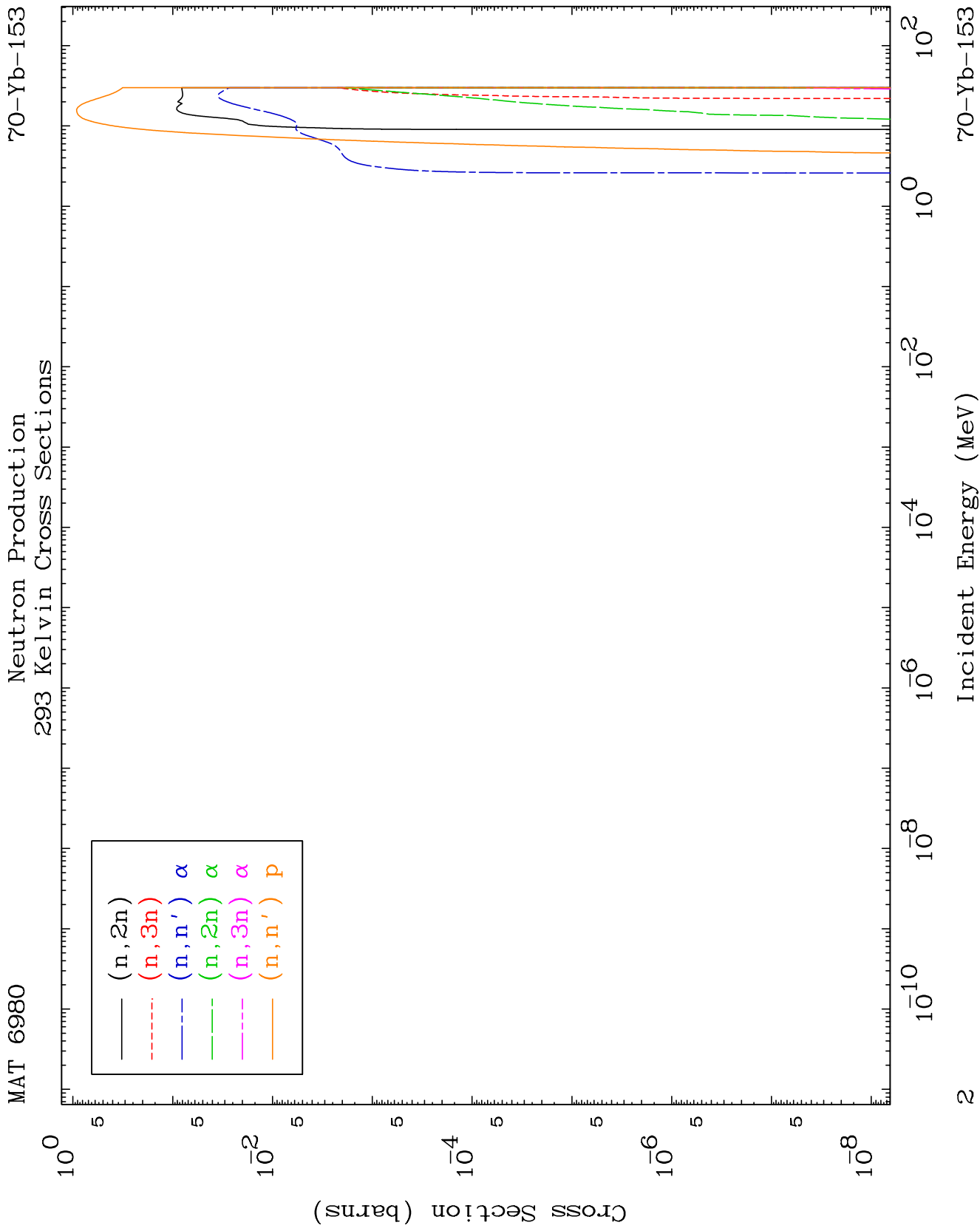
MAT 6980

Major

293 Kelvin Cross Sections

70-Yb-153

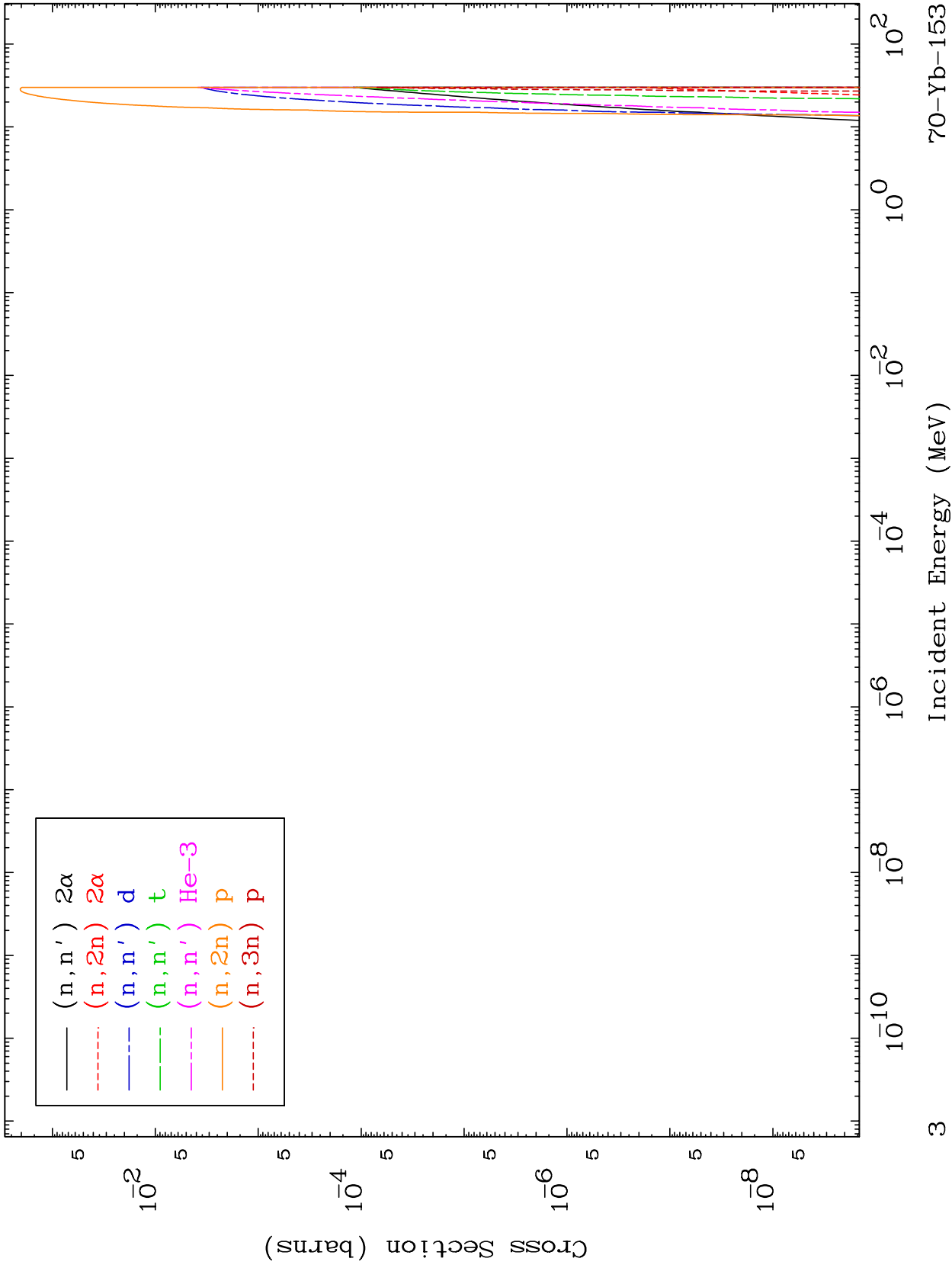




MAT 6980

Neutron Production  
293 Kelvin Cross Sections

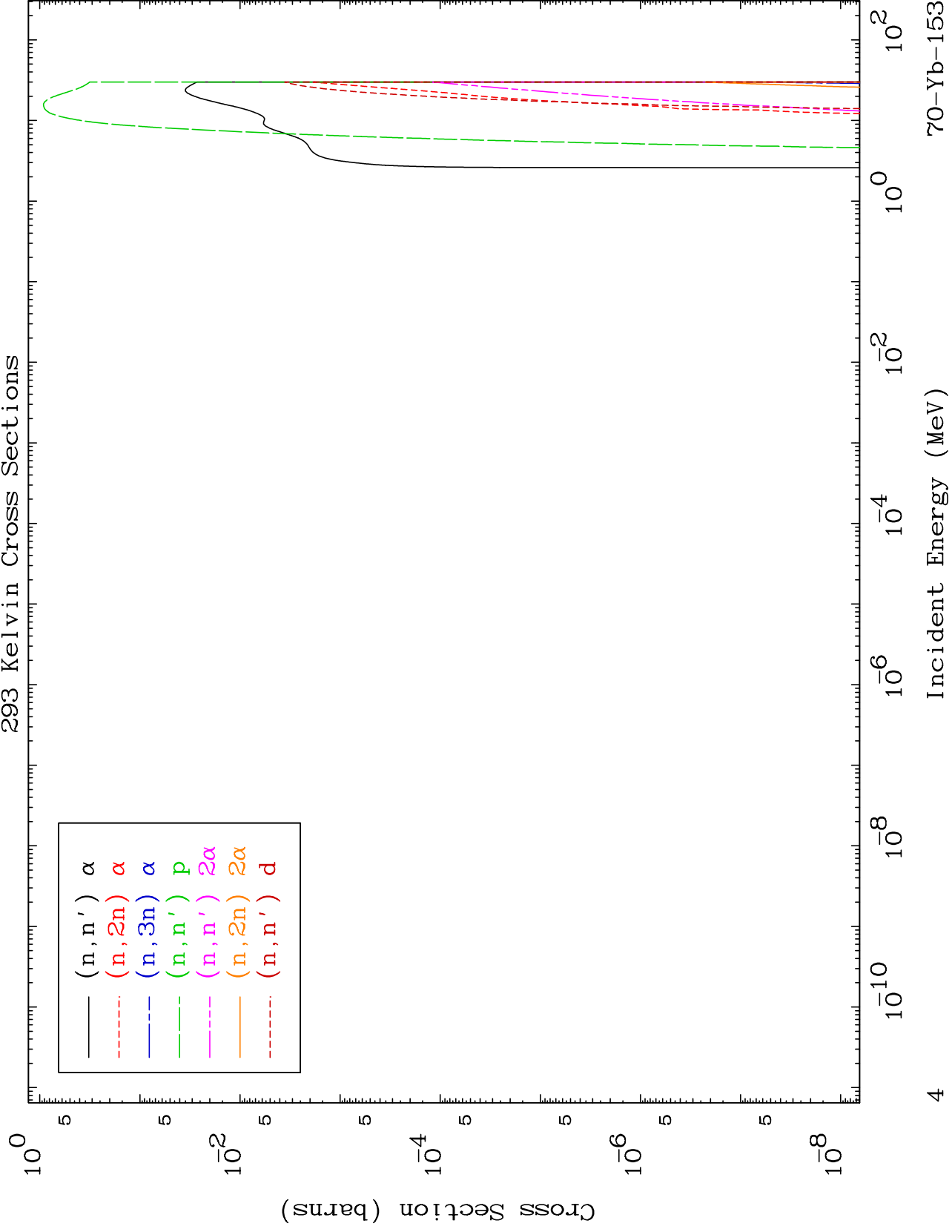
70-Yb-153



MAT 6980

Charged Particle  
293 Kelvin Cross Sections

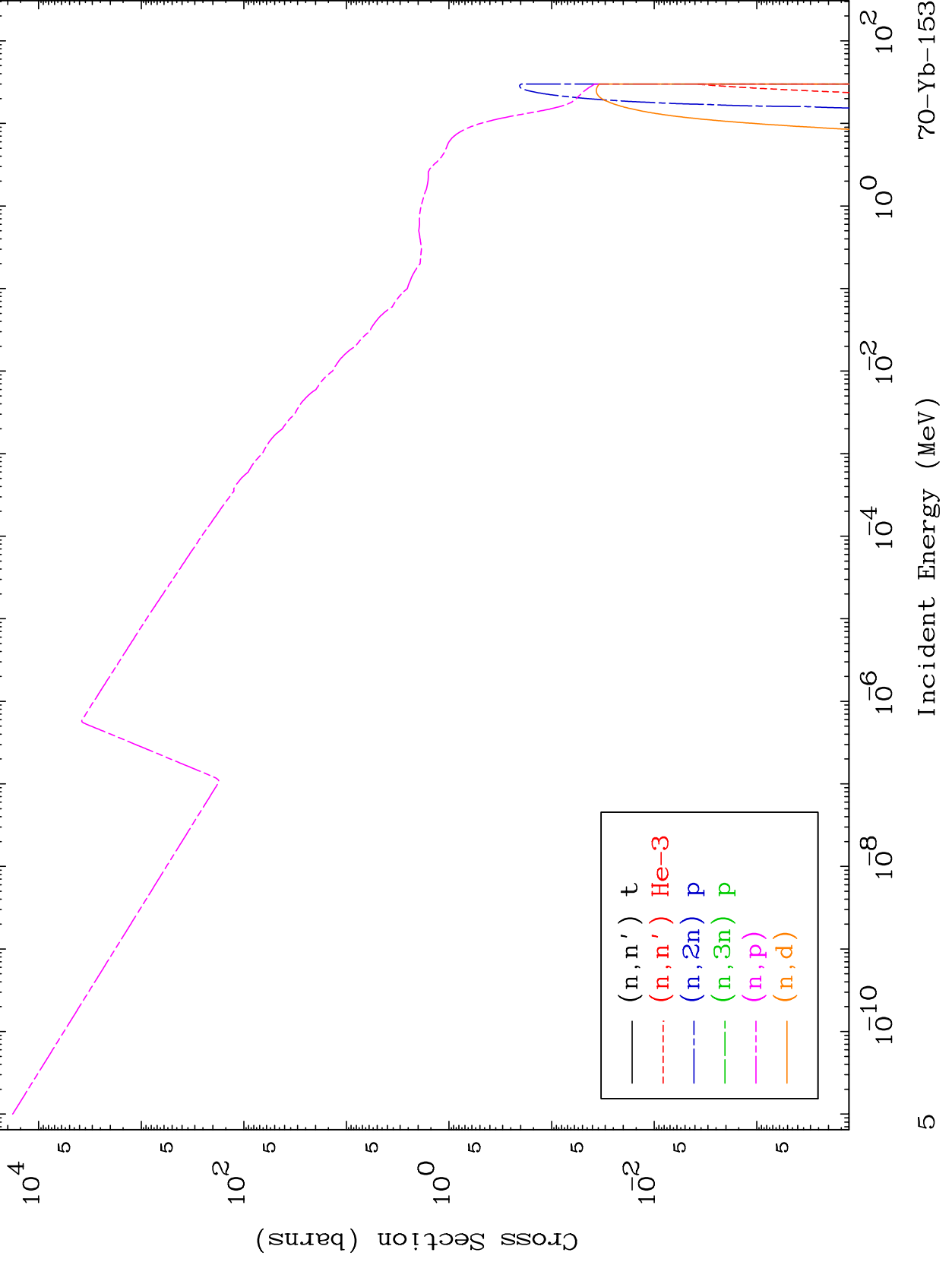
70-Yb-153



MAT 6980

Charged Particle  
293 Kelvin Cross Sections

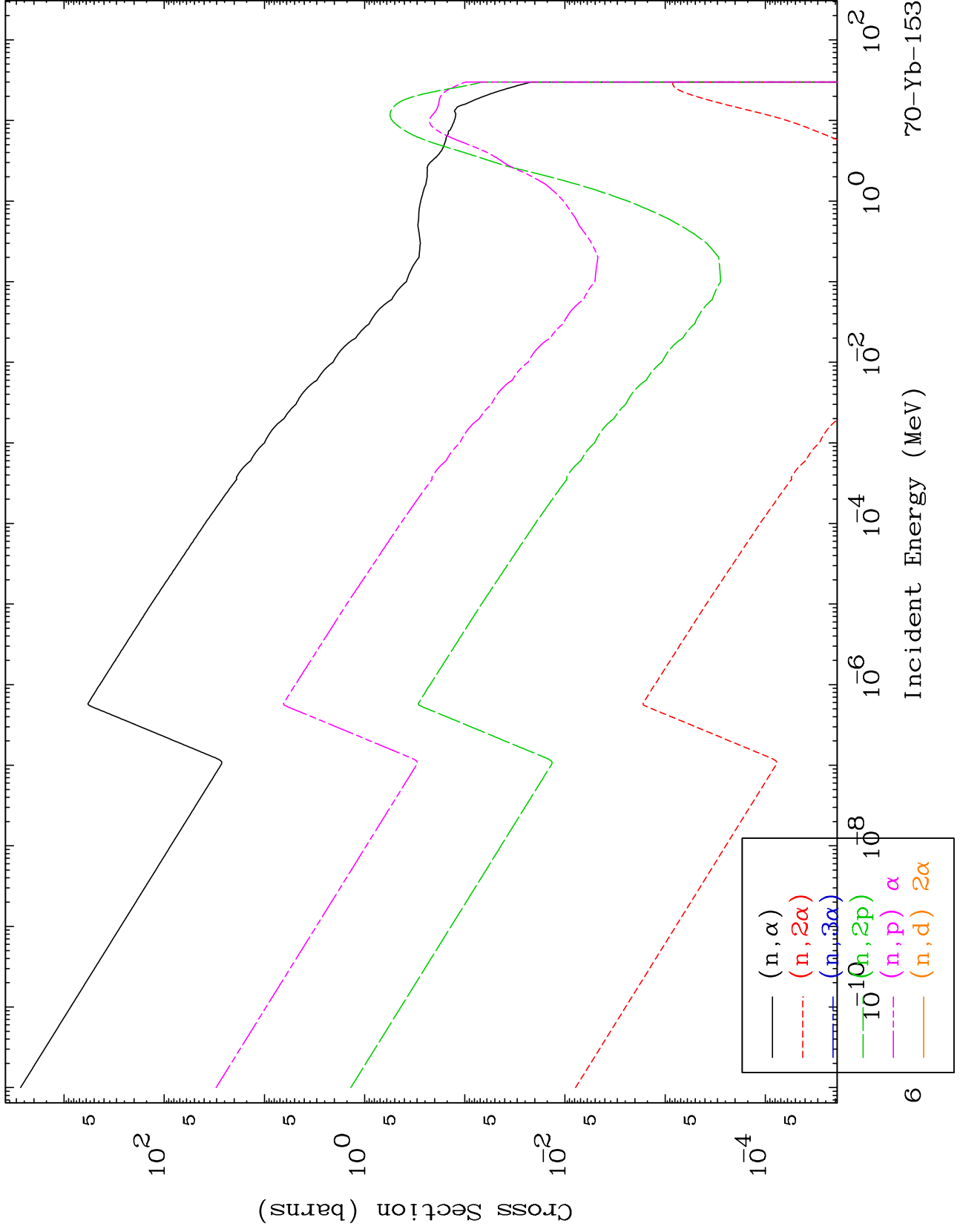
70-Yb-153

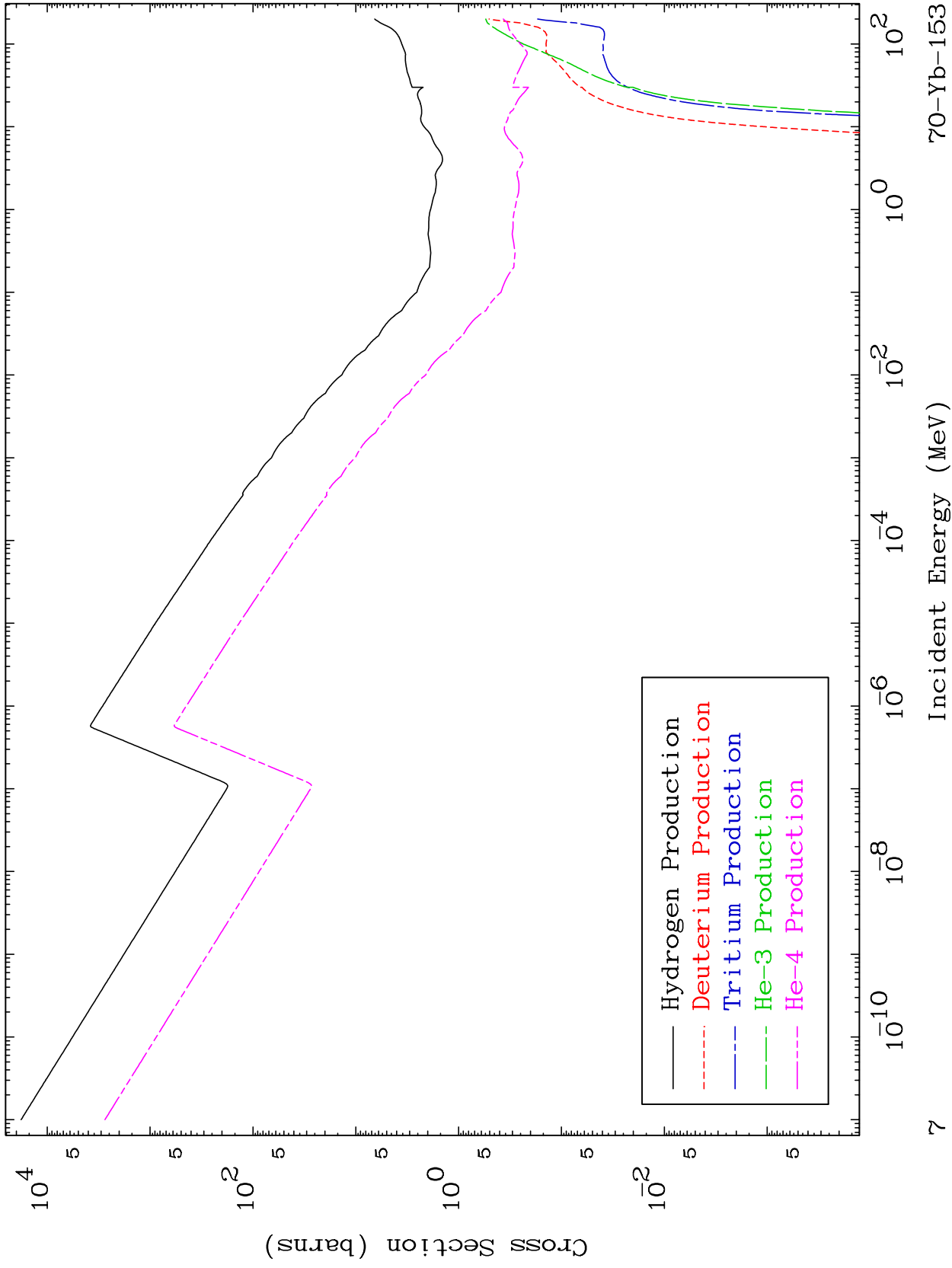


MAT 6980

Charged Particle  
293 Kelvin Cross Sections

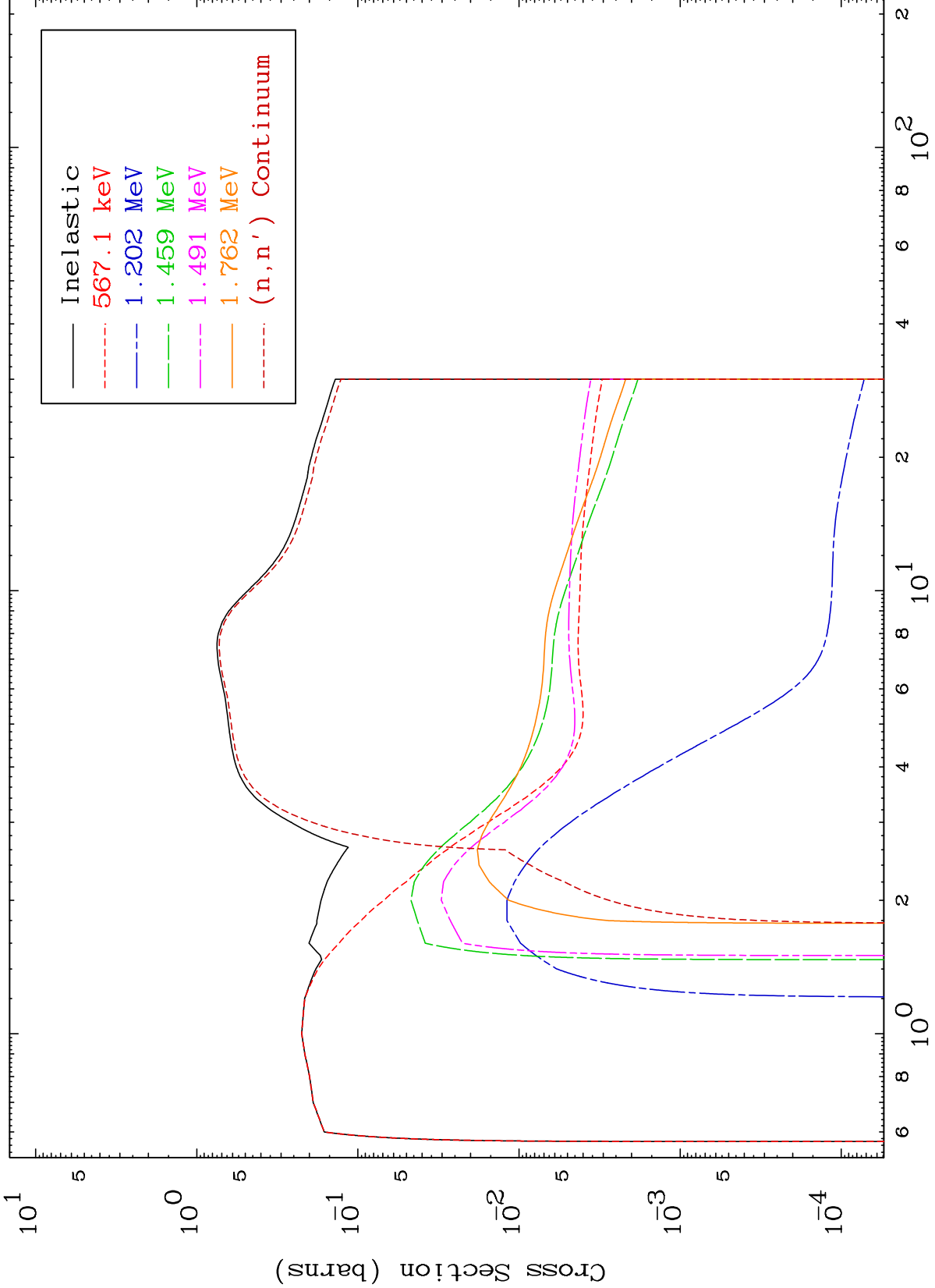
70-Yb-153







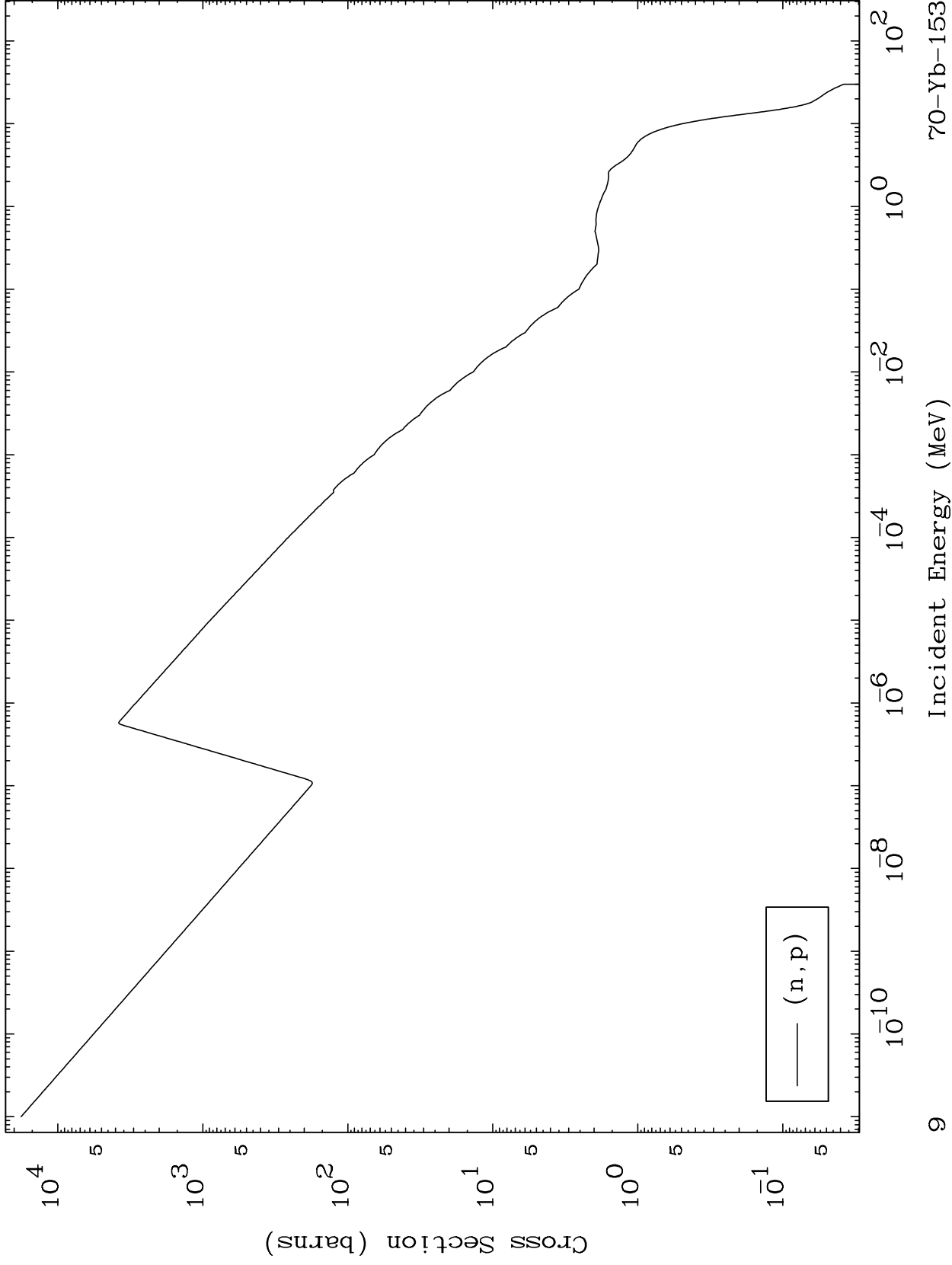
293 Kelvin Cross Sections



MAT 6980

(n,p) Levels  
293 Kelvin Cross Sections

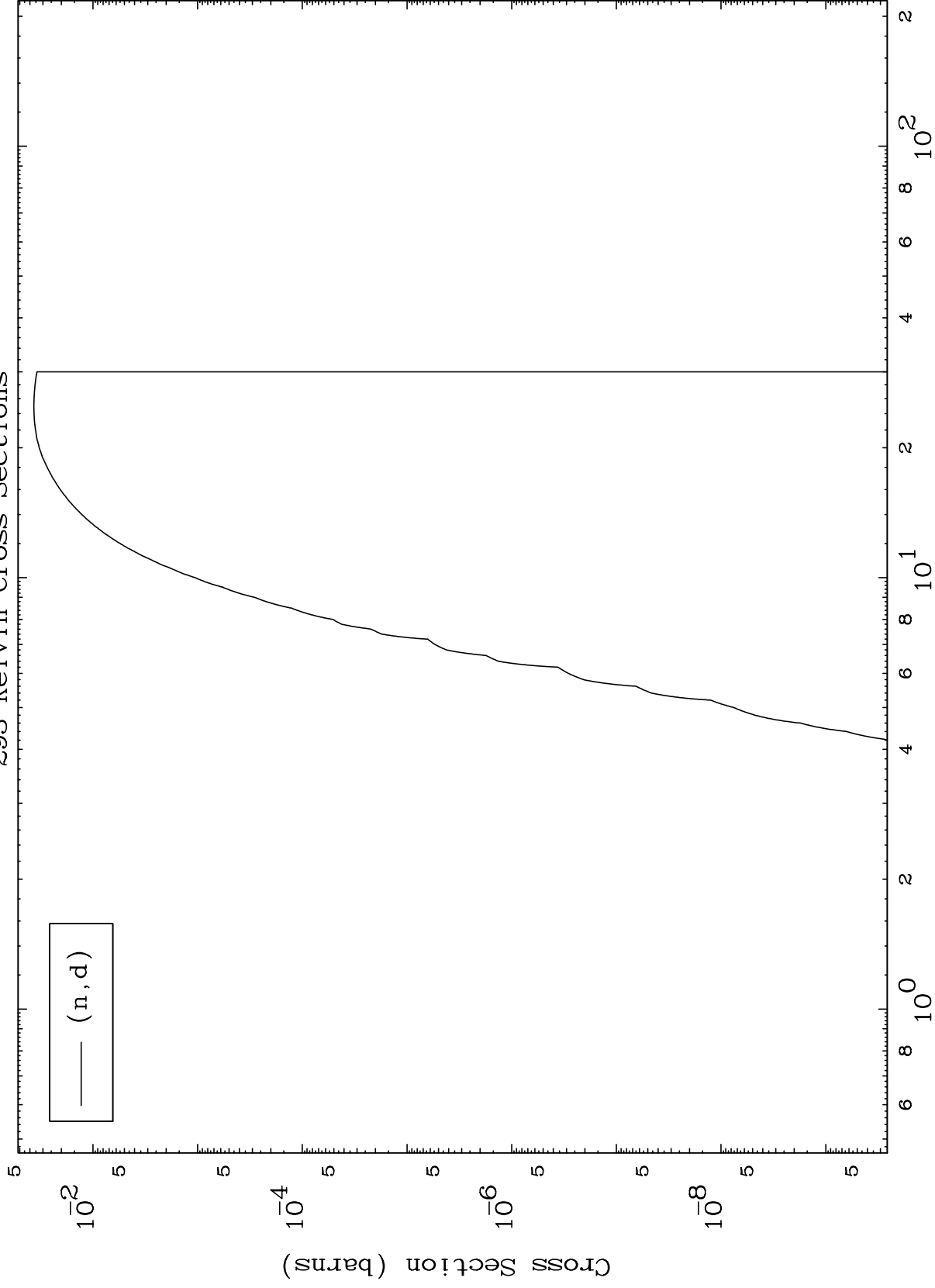
70-Yb-153



MAT 6980

(n,d) Levels  
293 Kelvin Cross Sections

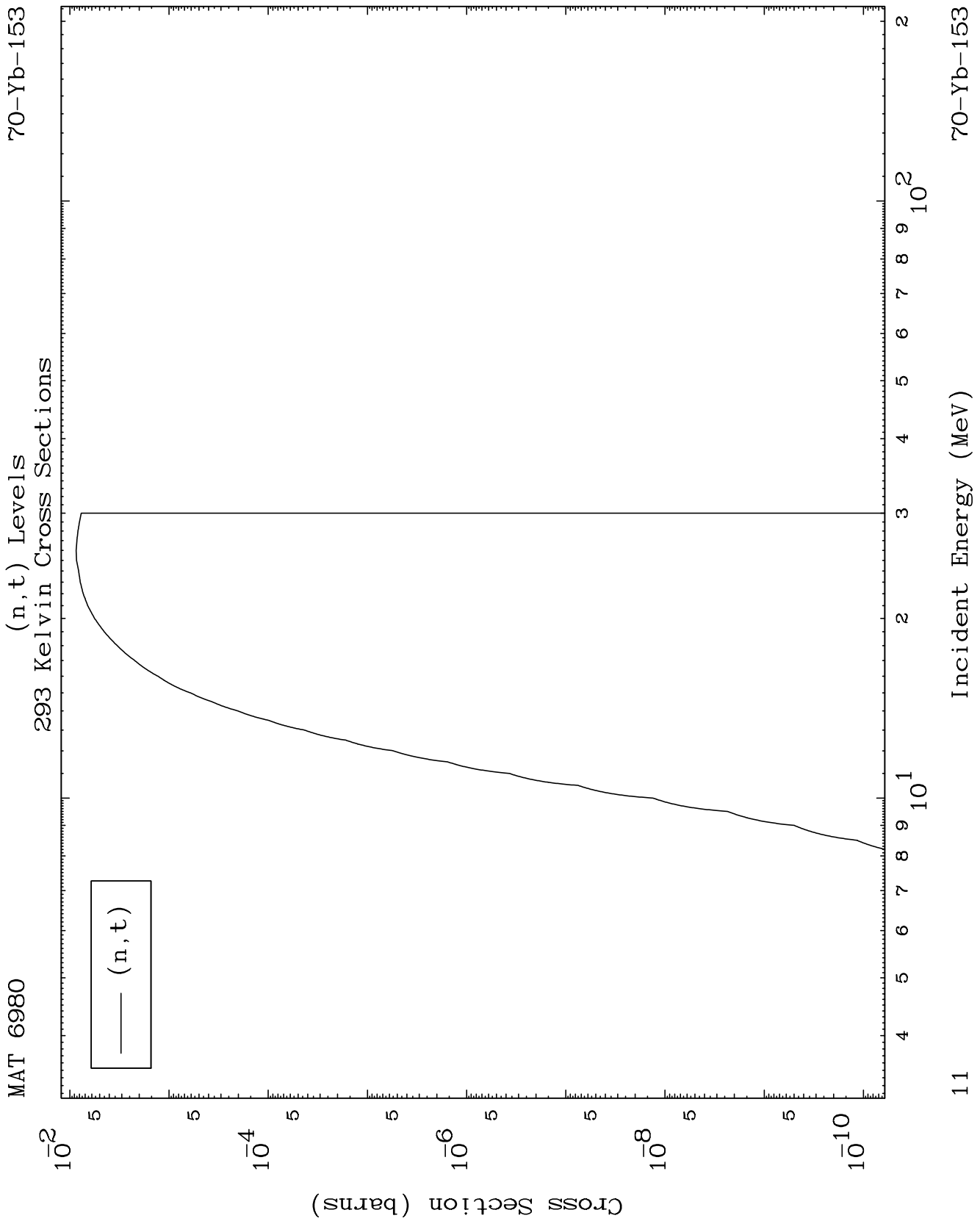
70-Yb-153



10

Incident Energy (MeV)

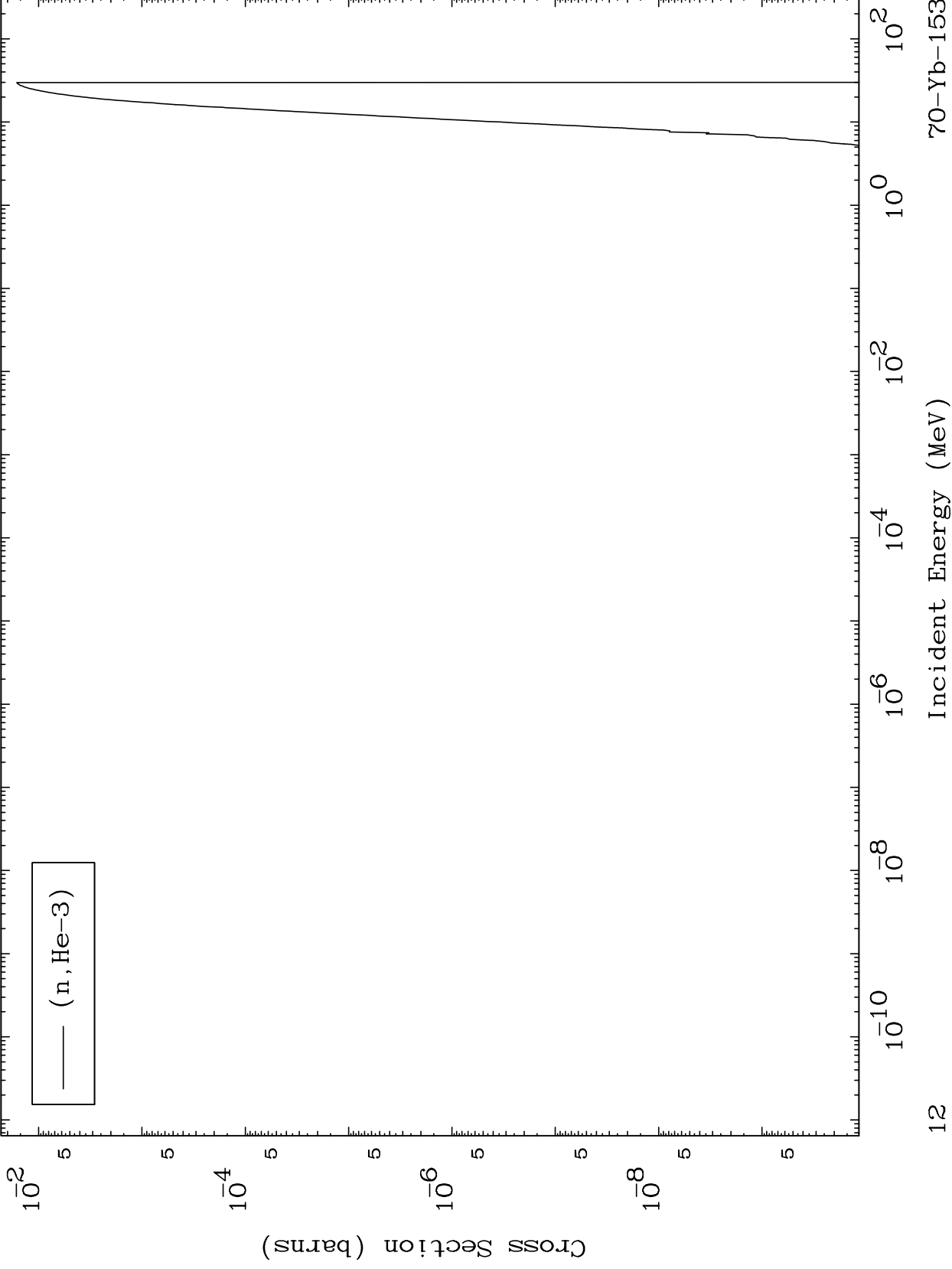
70-Yb-153



MAT 6980

(n,He3) Levels  
293 Kelvin Cross Sections

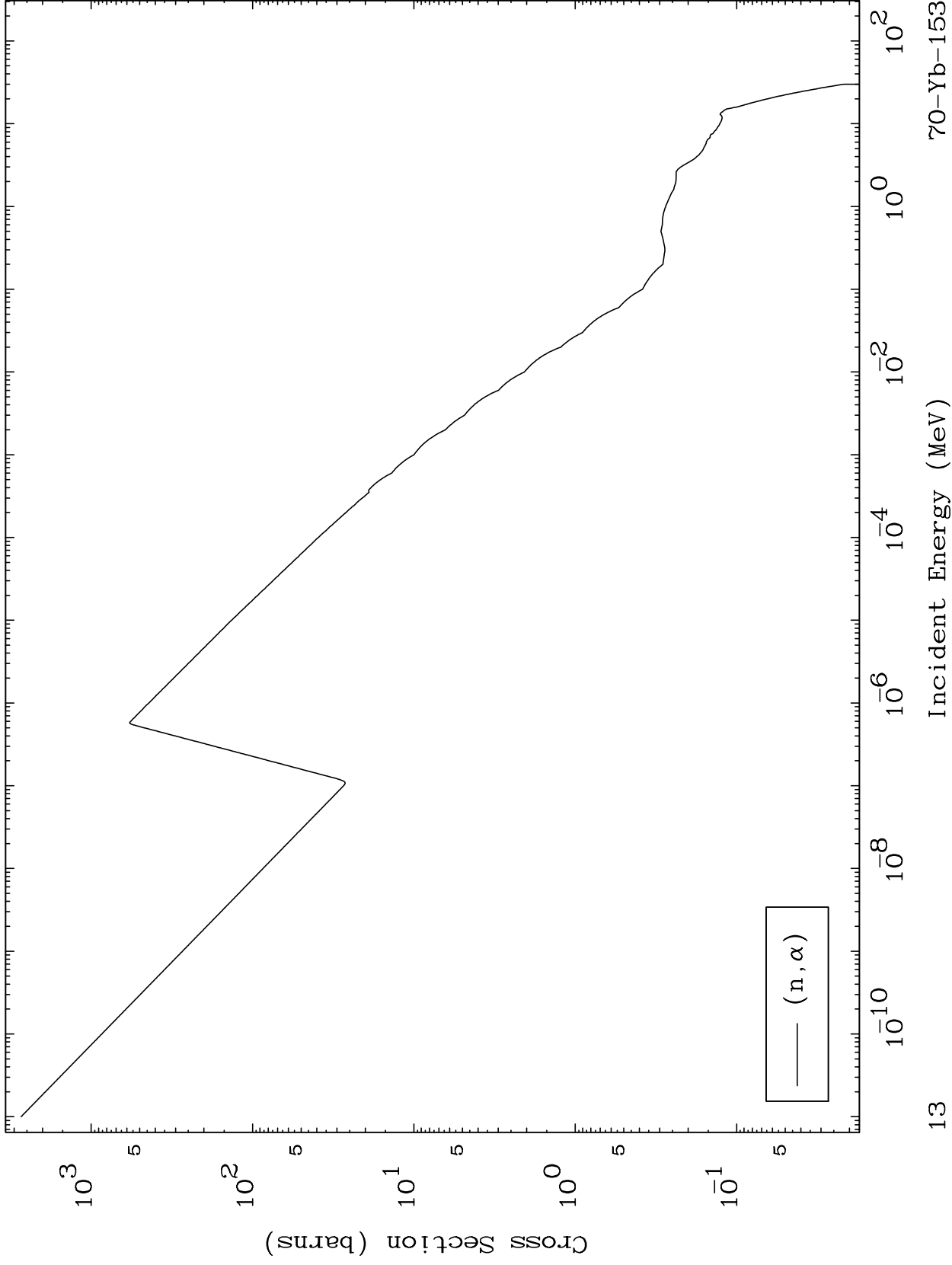
70-Yb-153



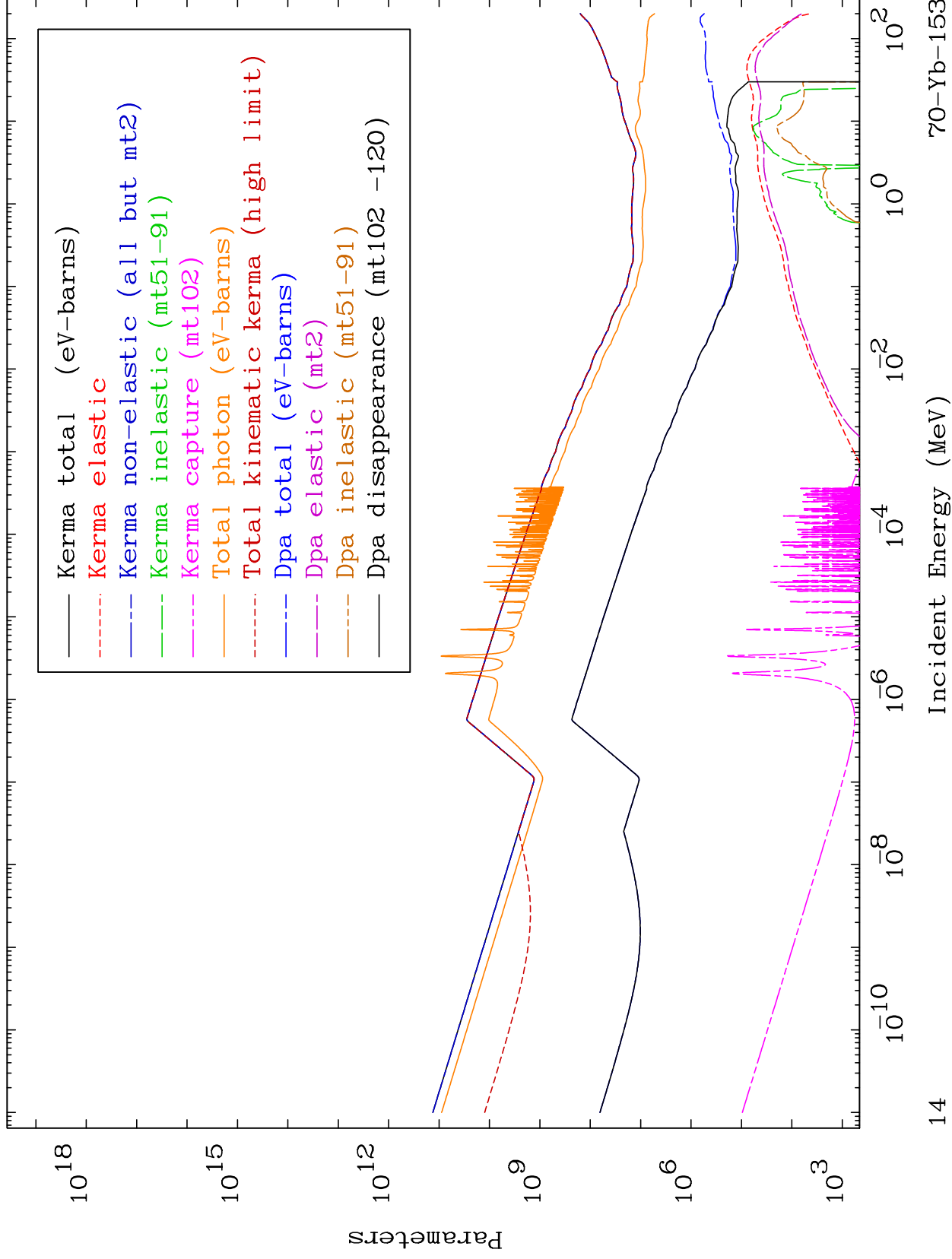
MAT 6980

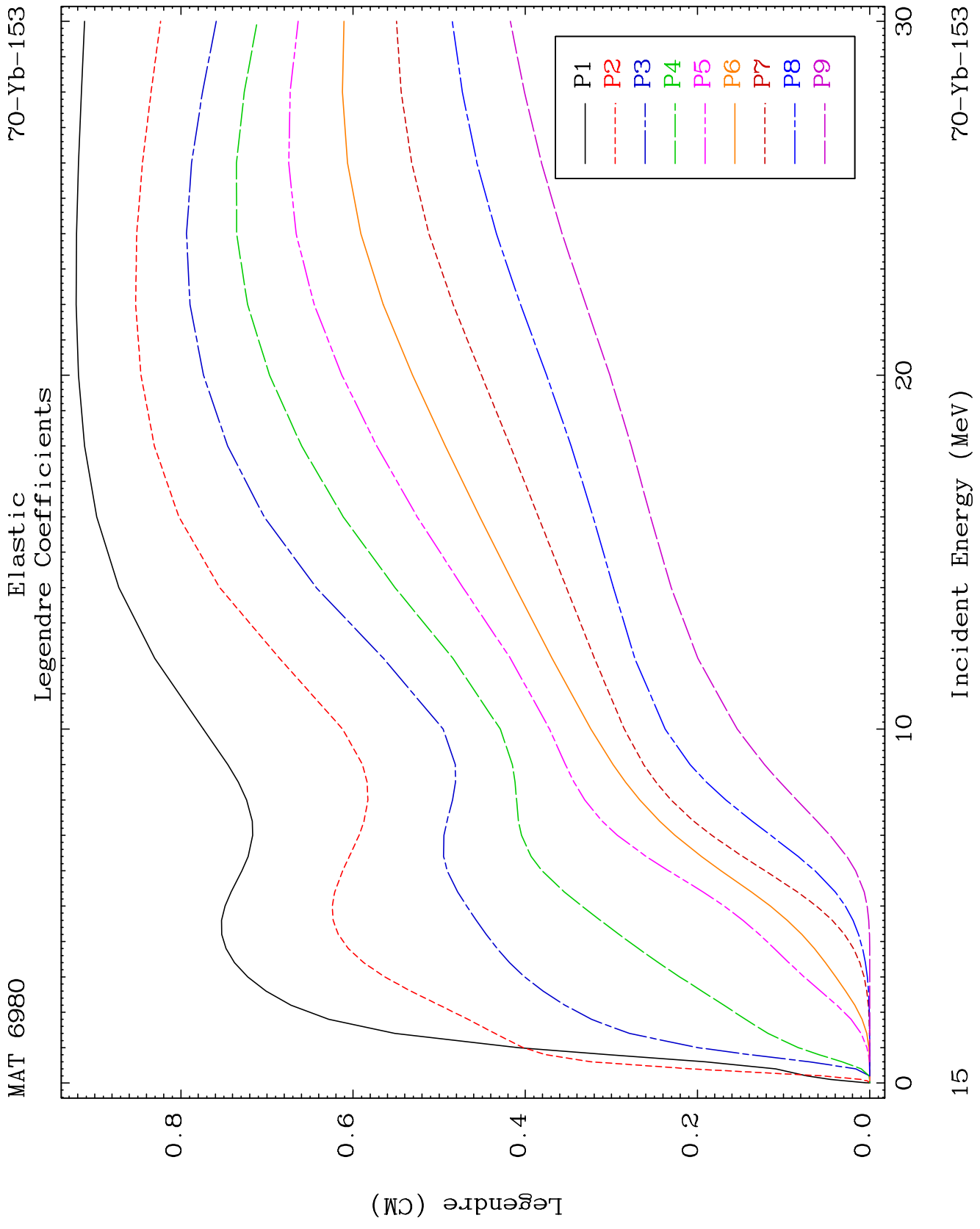
(n,α) Levels  
293 Kelvin Cross Sections

70-Yb-153



13



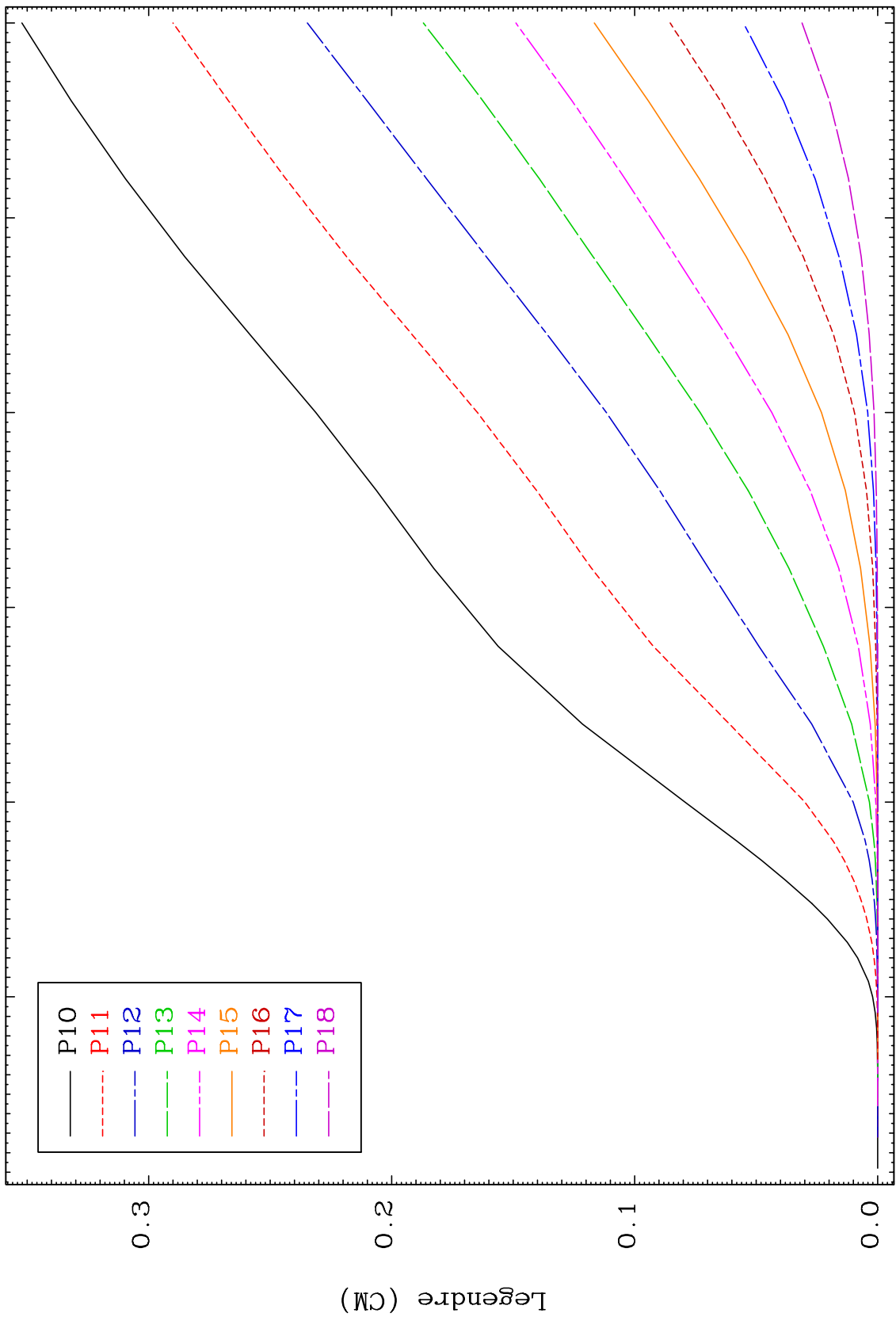




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Elastic Legendre Coefficients

70-Yb-153



16

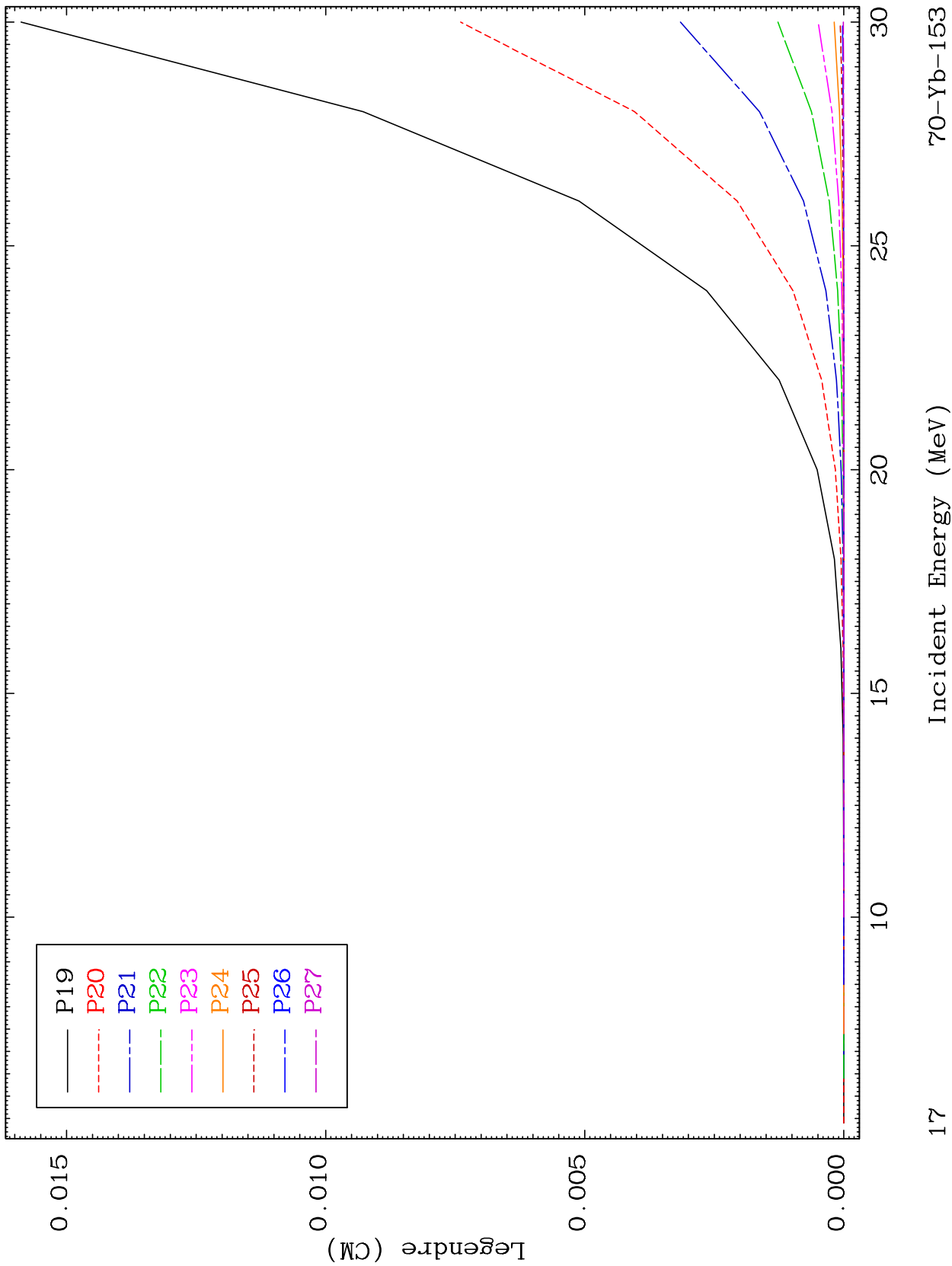
Incident Energy (MeV)

70-Yb-153

MAT 6980

### Elastic Legendre Coefficients

70-Yb-153



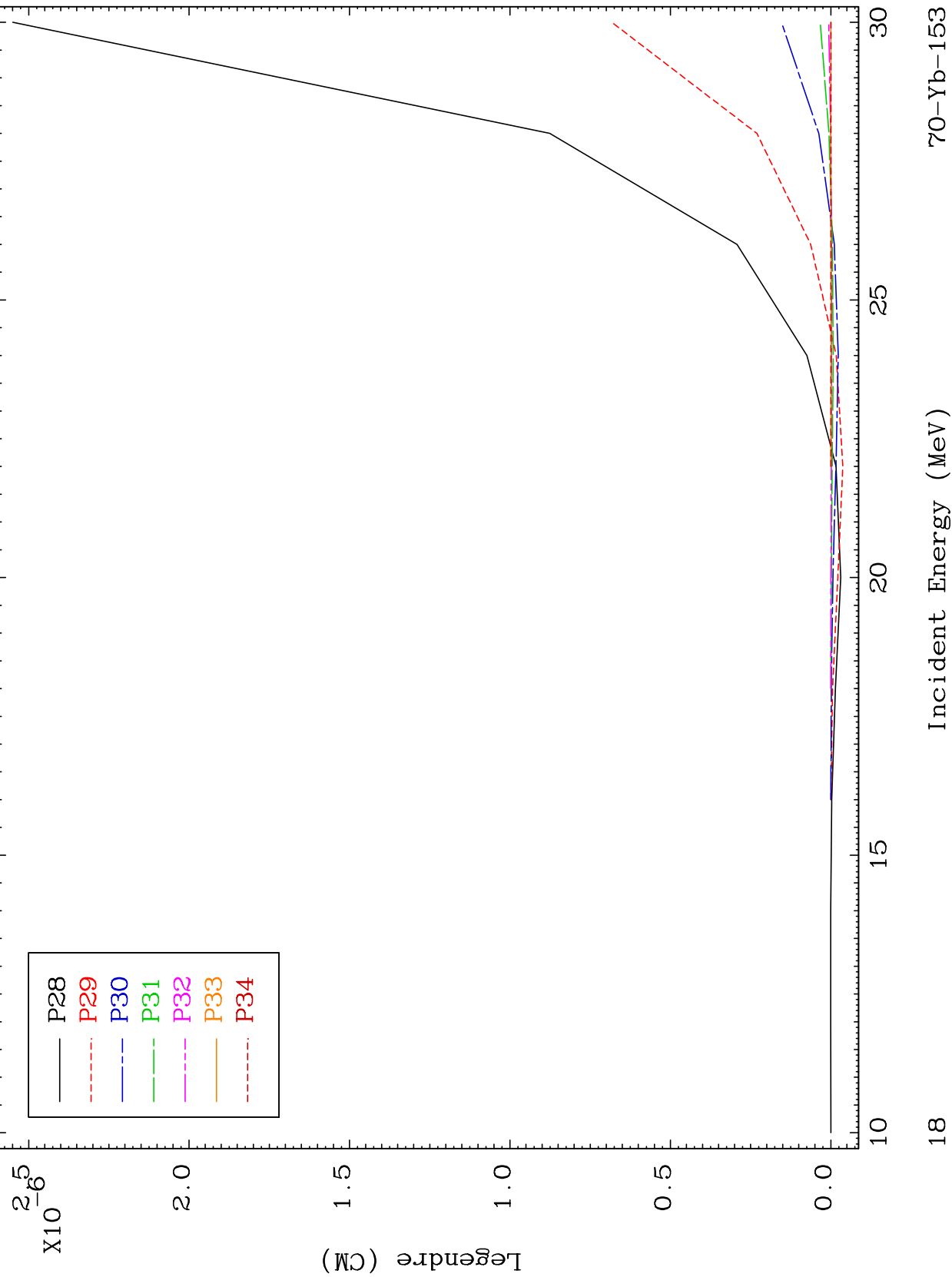
17

70-Yb-153

MAT 6980

Elastic Legendre Coefficients

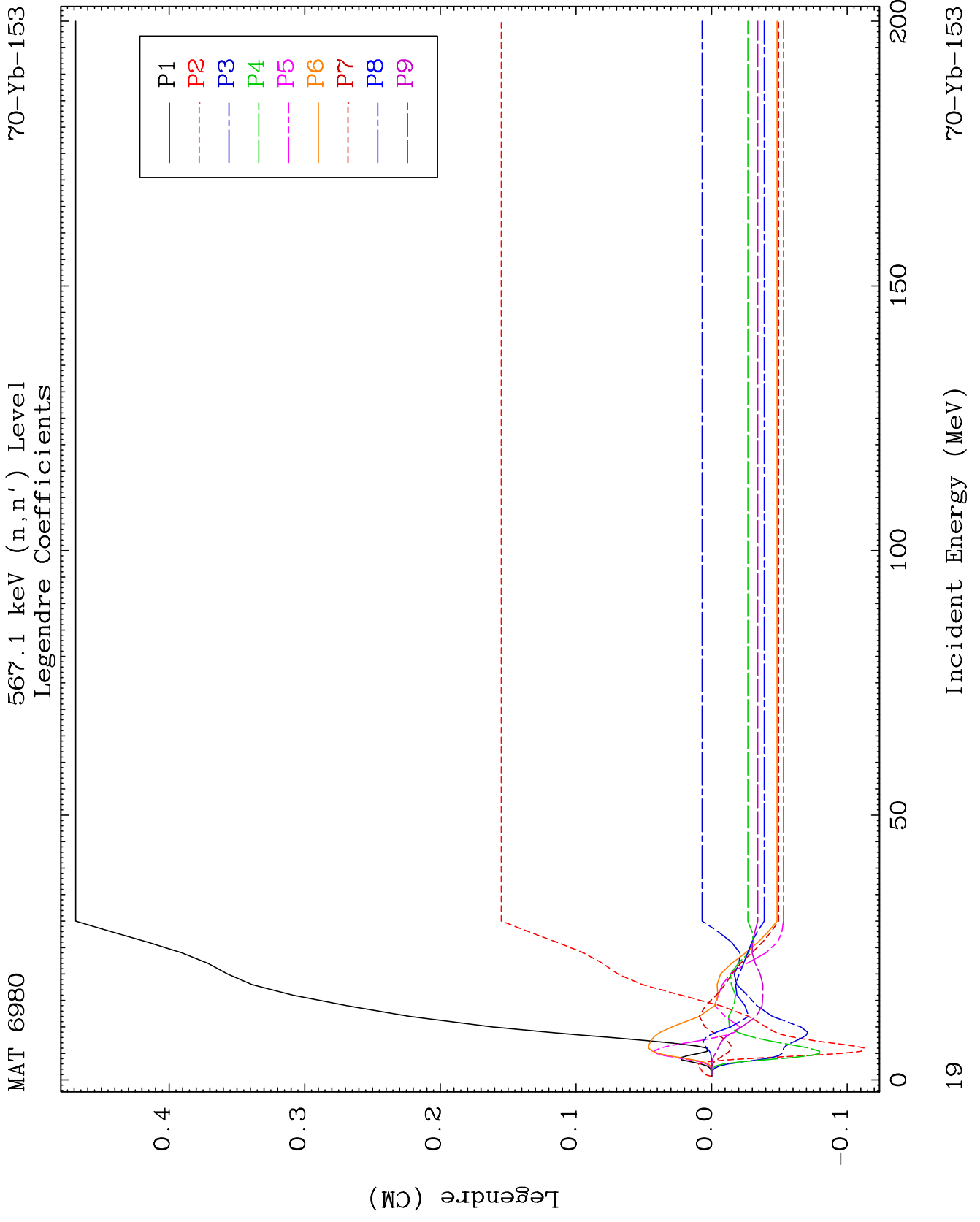
70-Yb-153



70-Yb-153

Incident Energy (MeV)

18

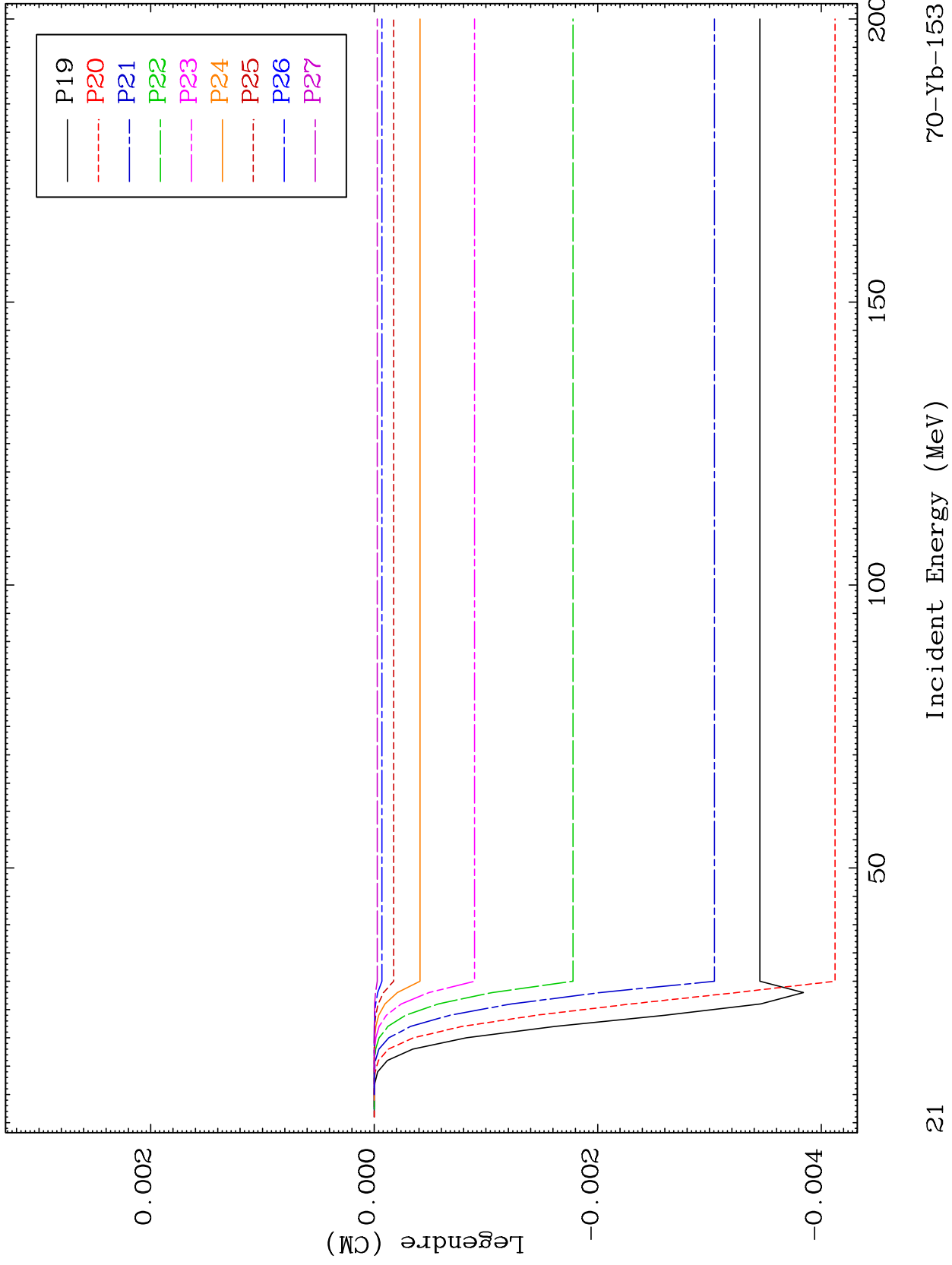


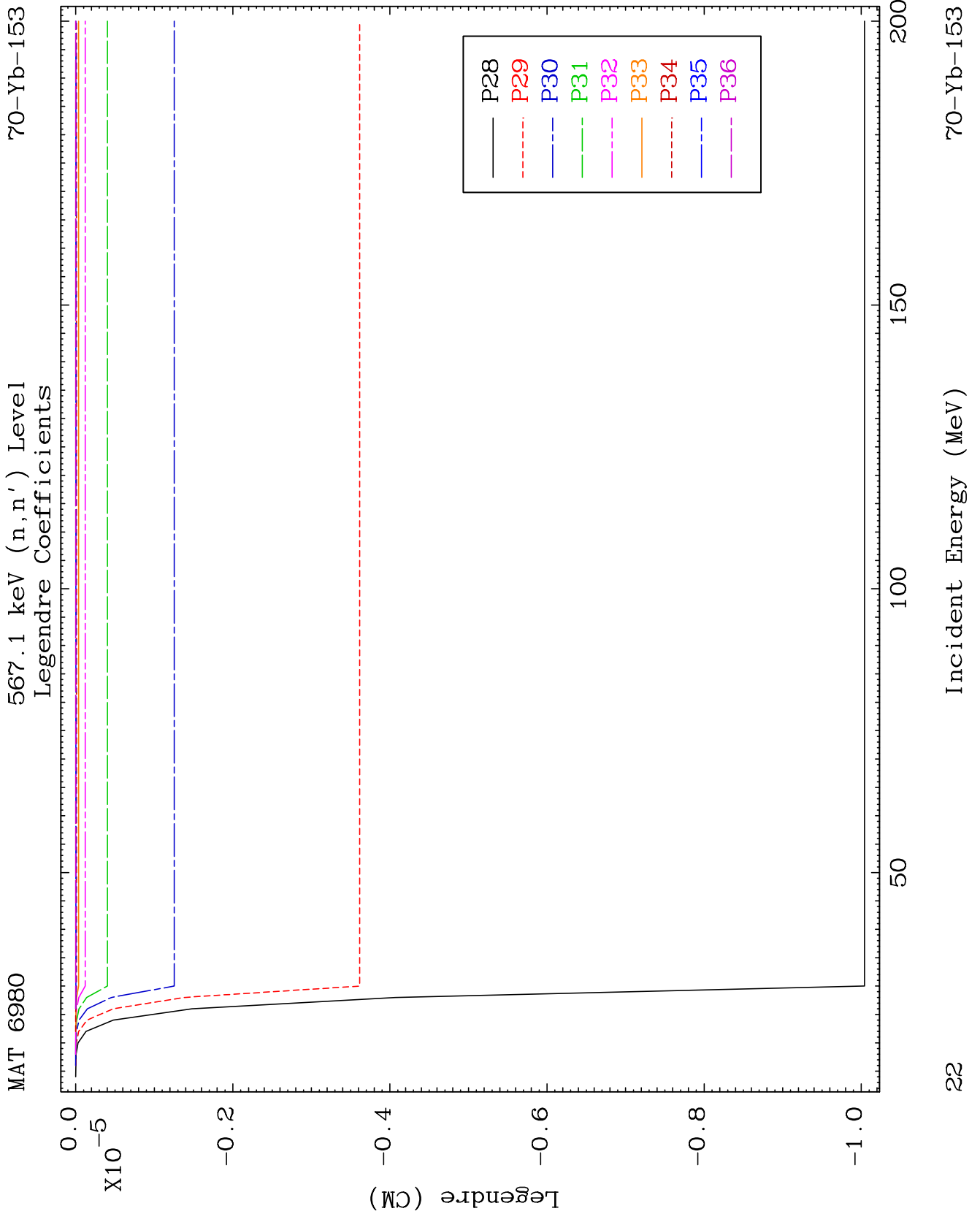


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567.1 keV (n,n') Level  
Legendre Coefficients

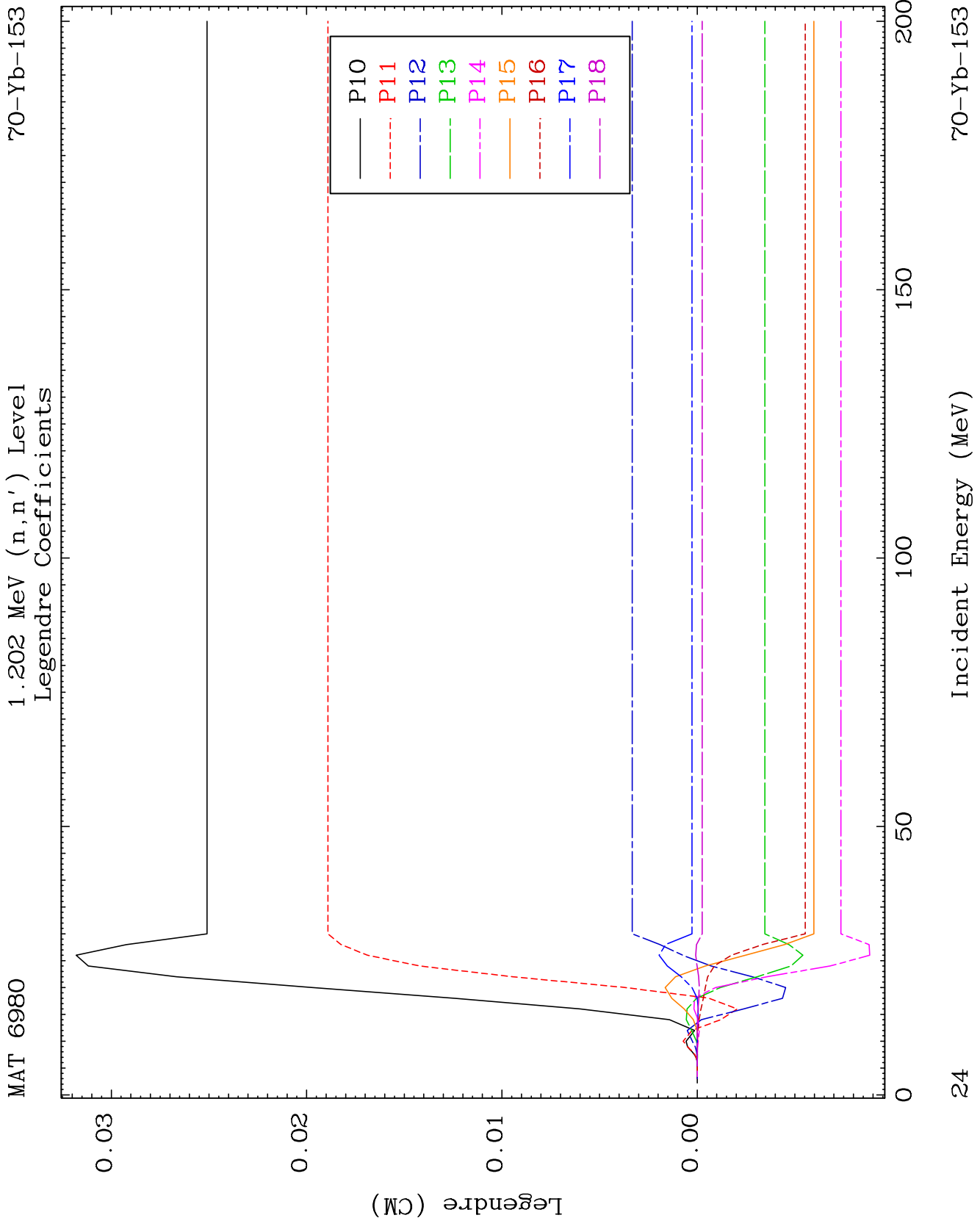
70-Yb-153

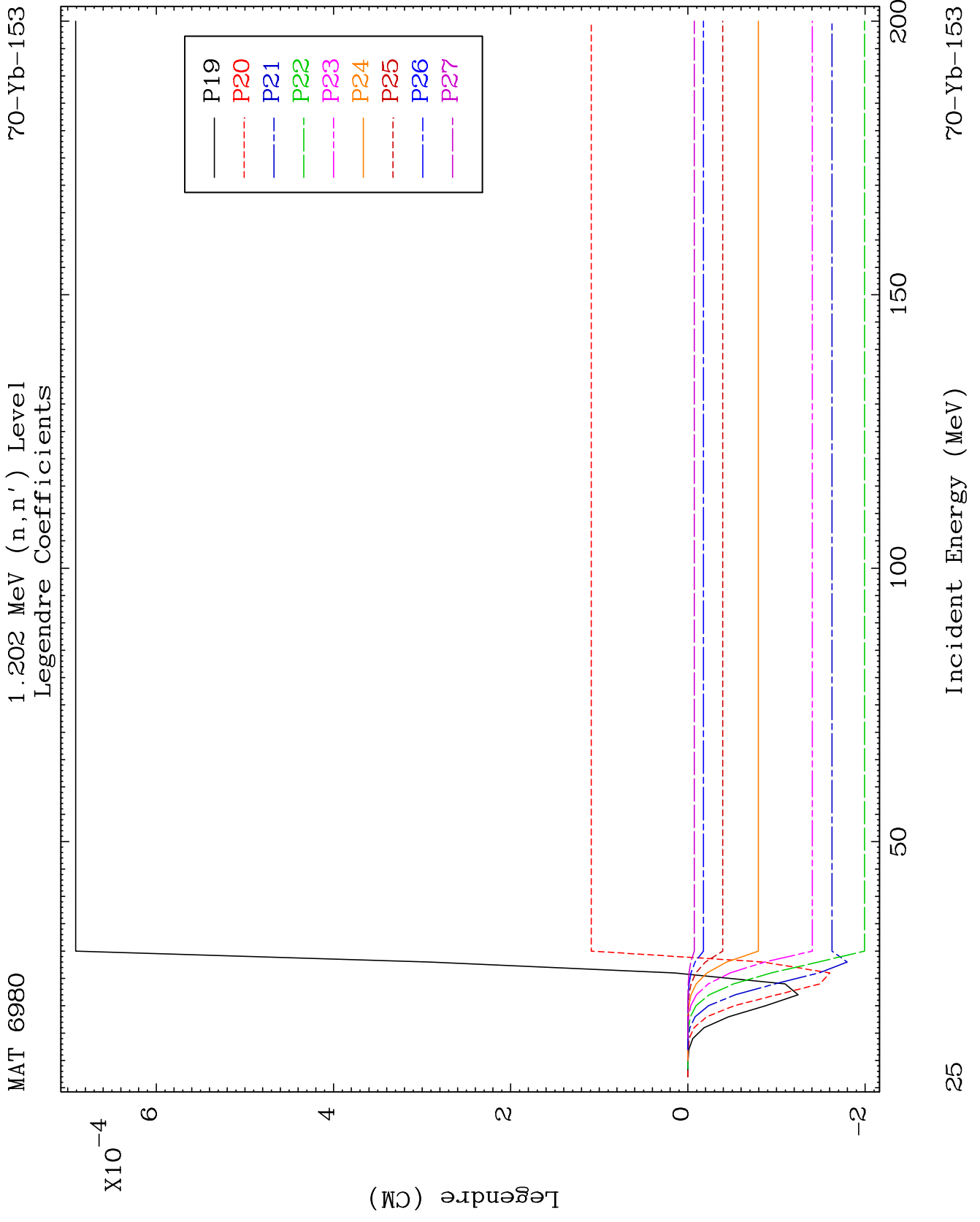


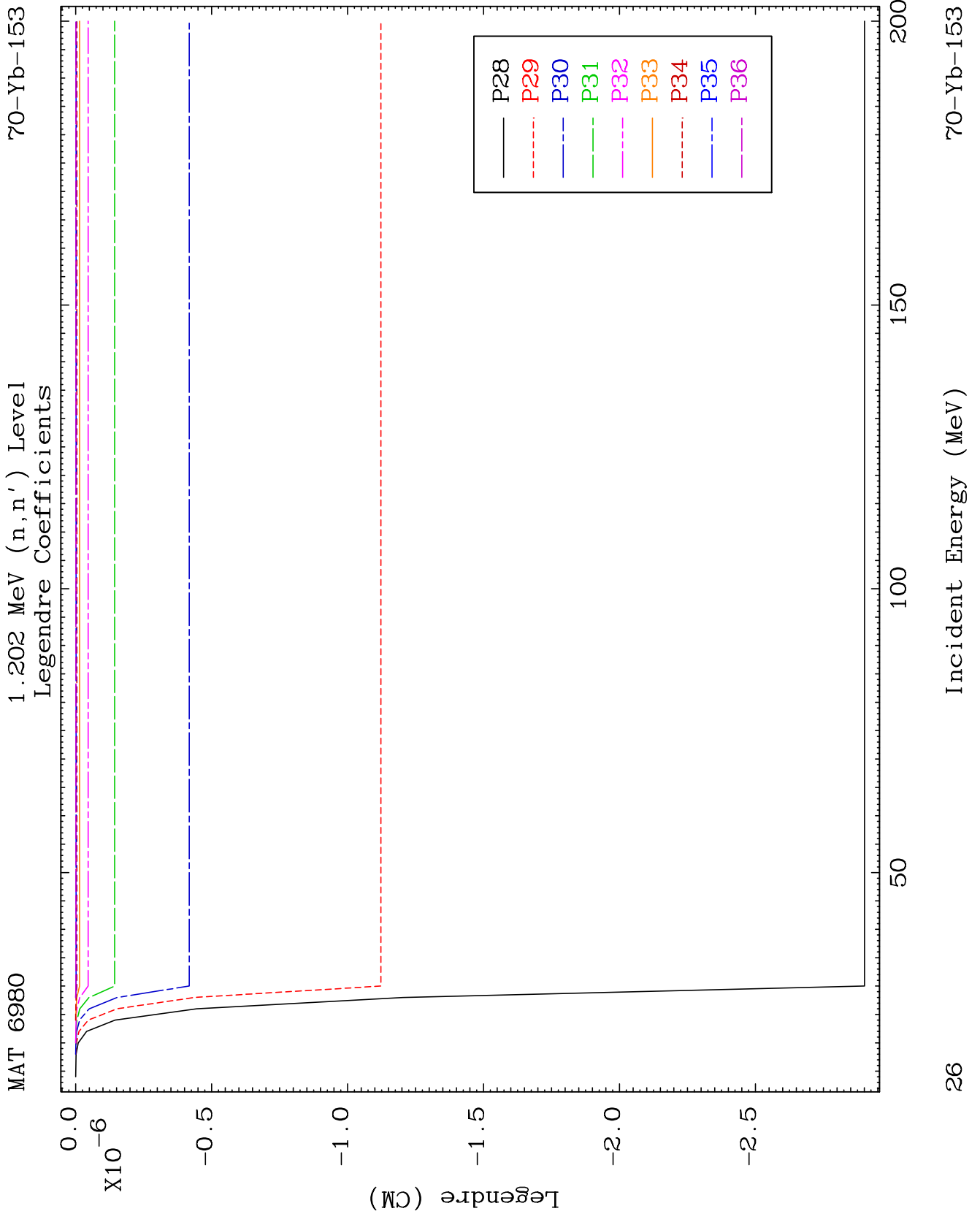


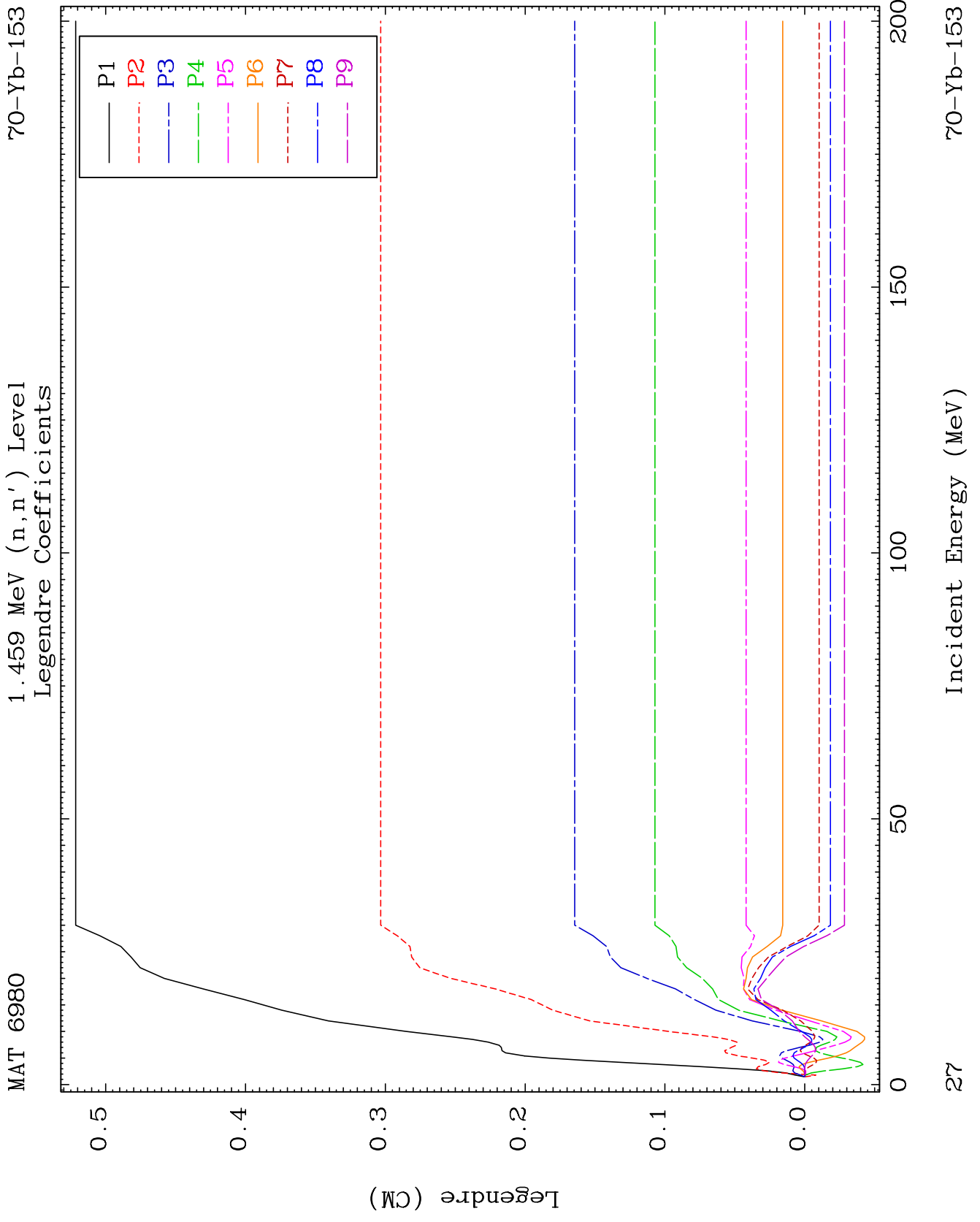


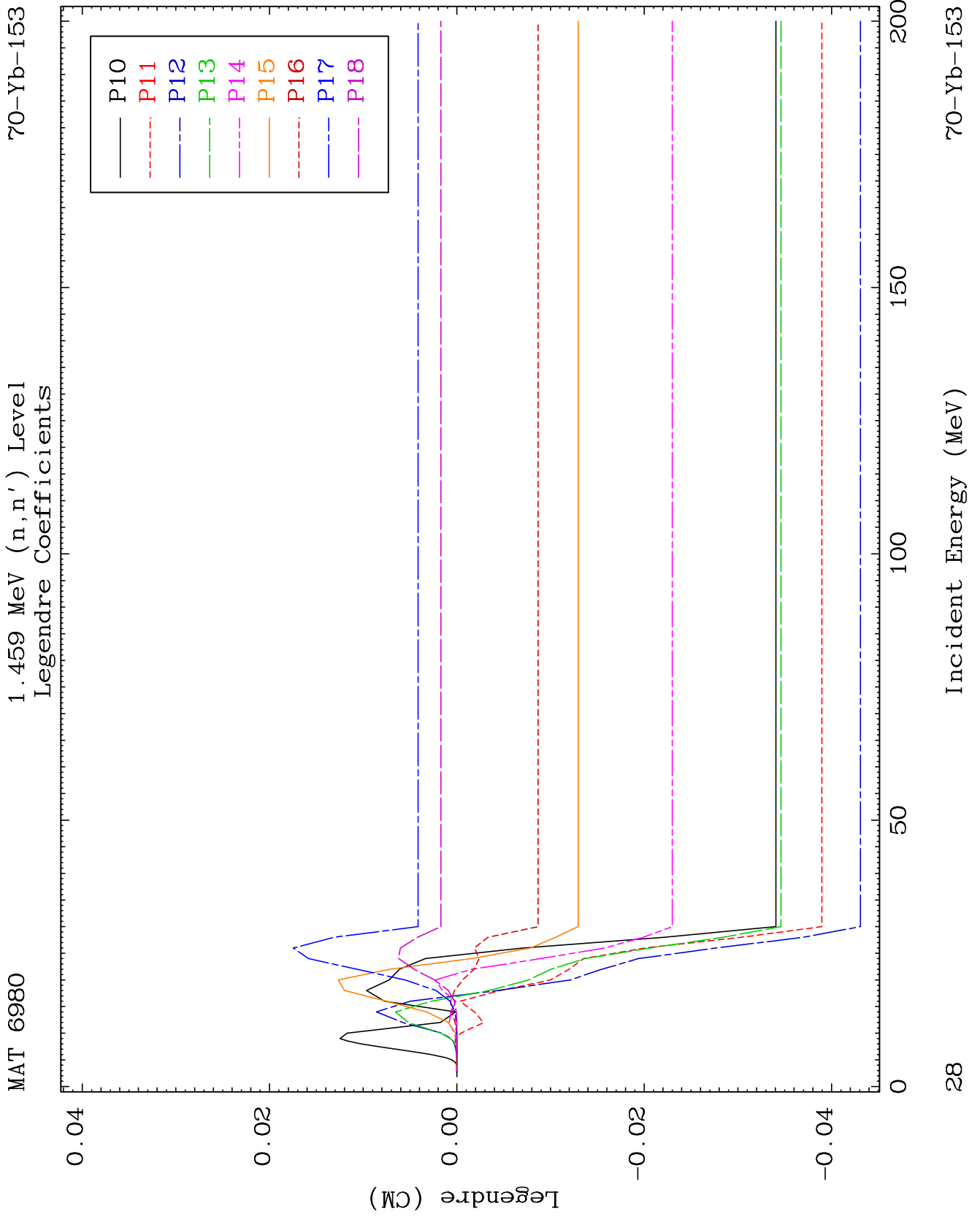


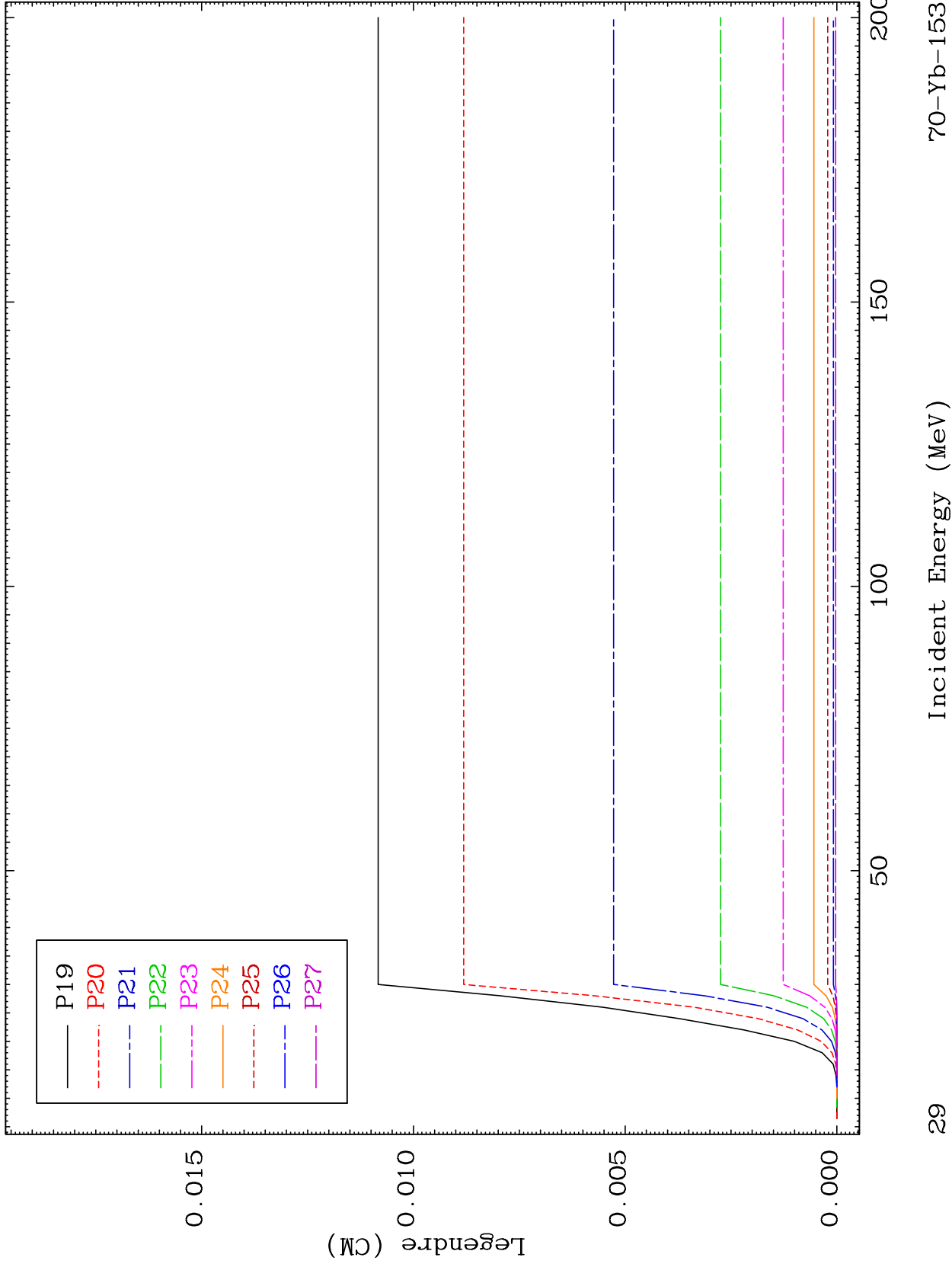


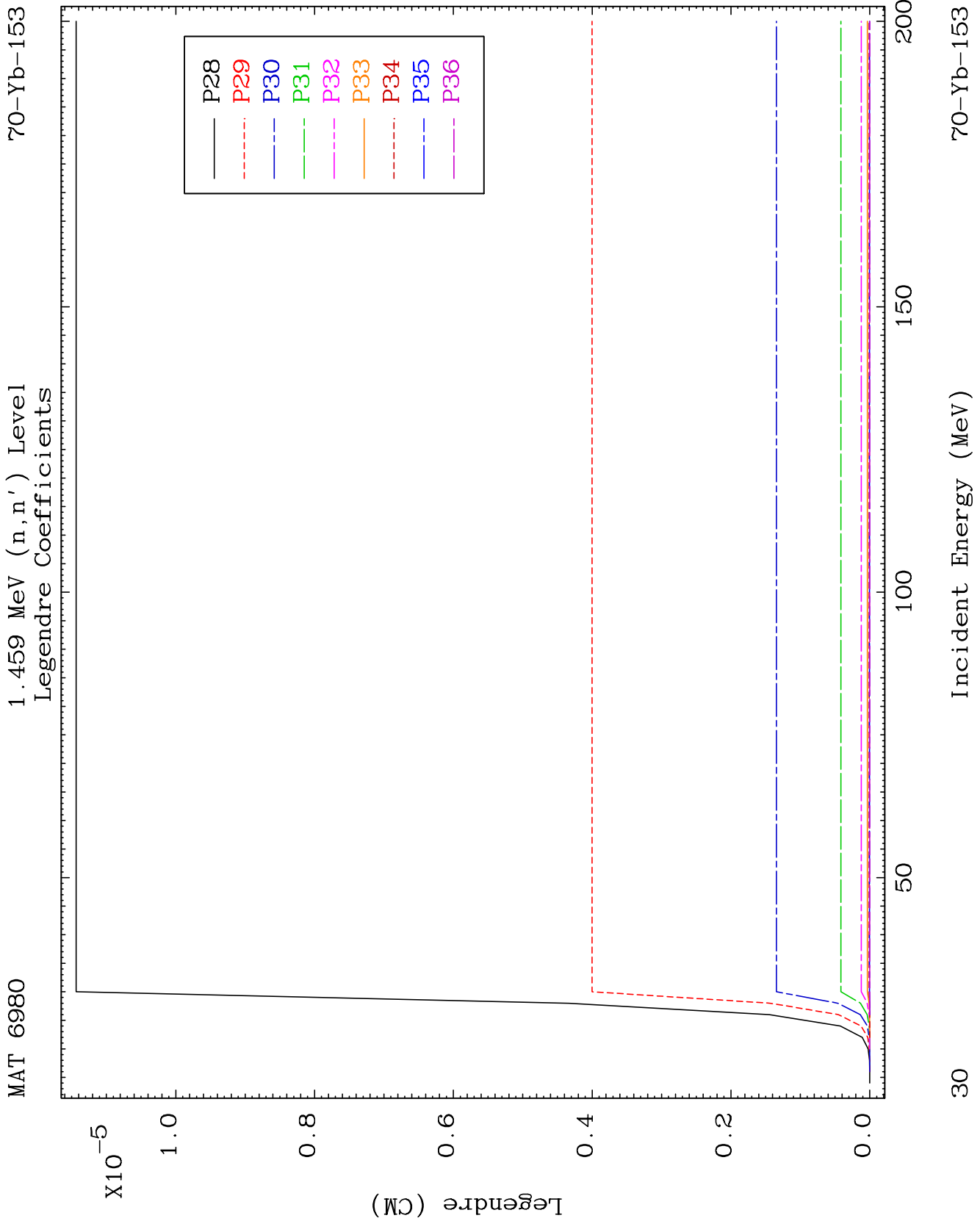








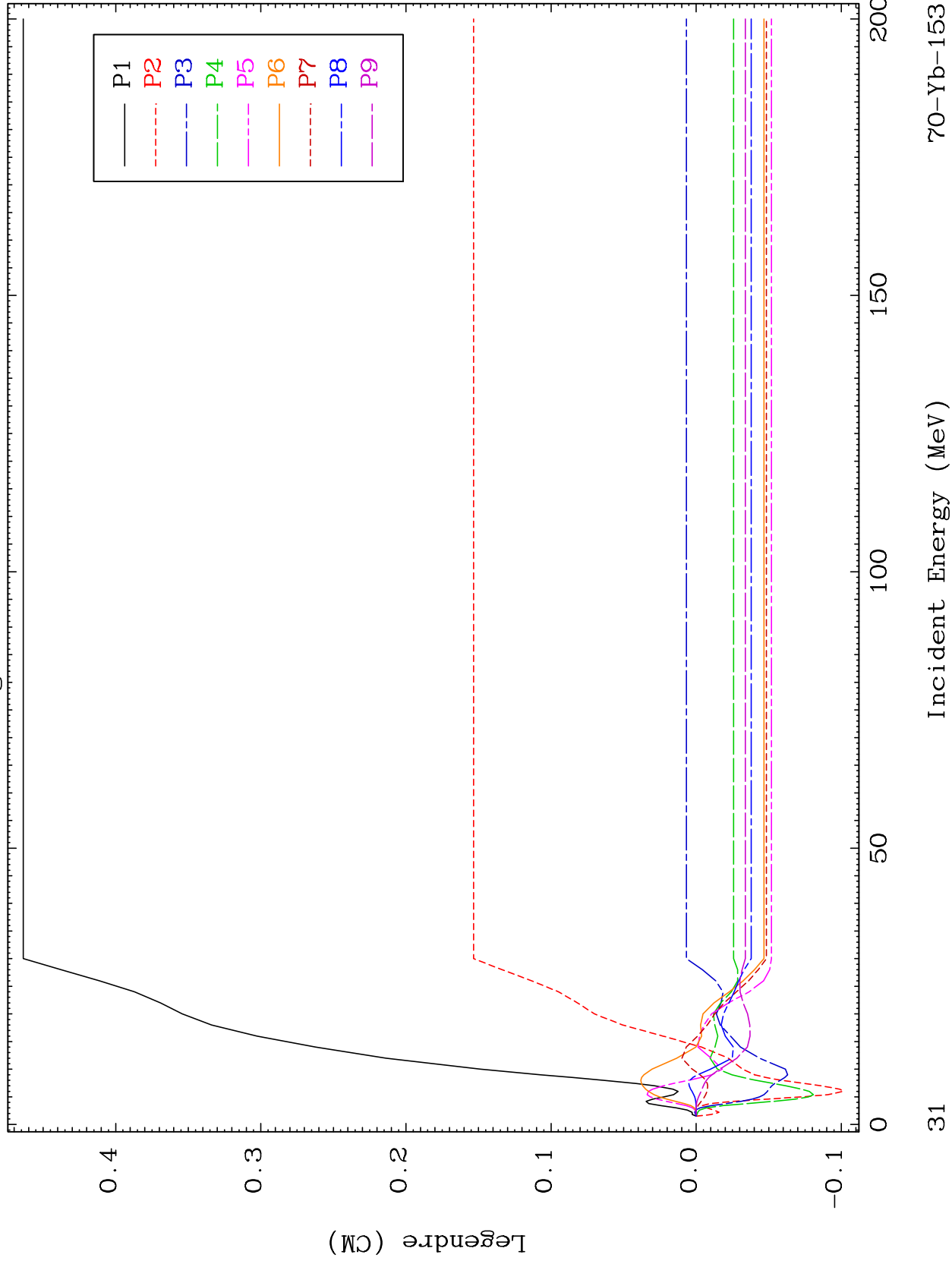




MAT 6980

1.491 MeV (n,n') Level  
Legendre Coefficients

70-Yb-153



31

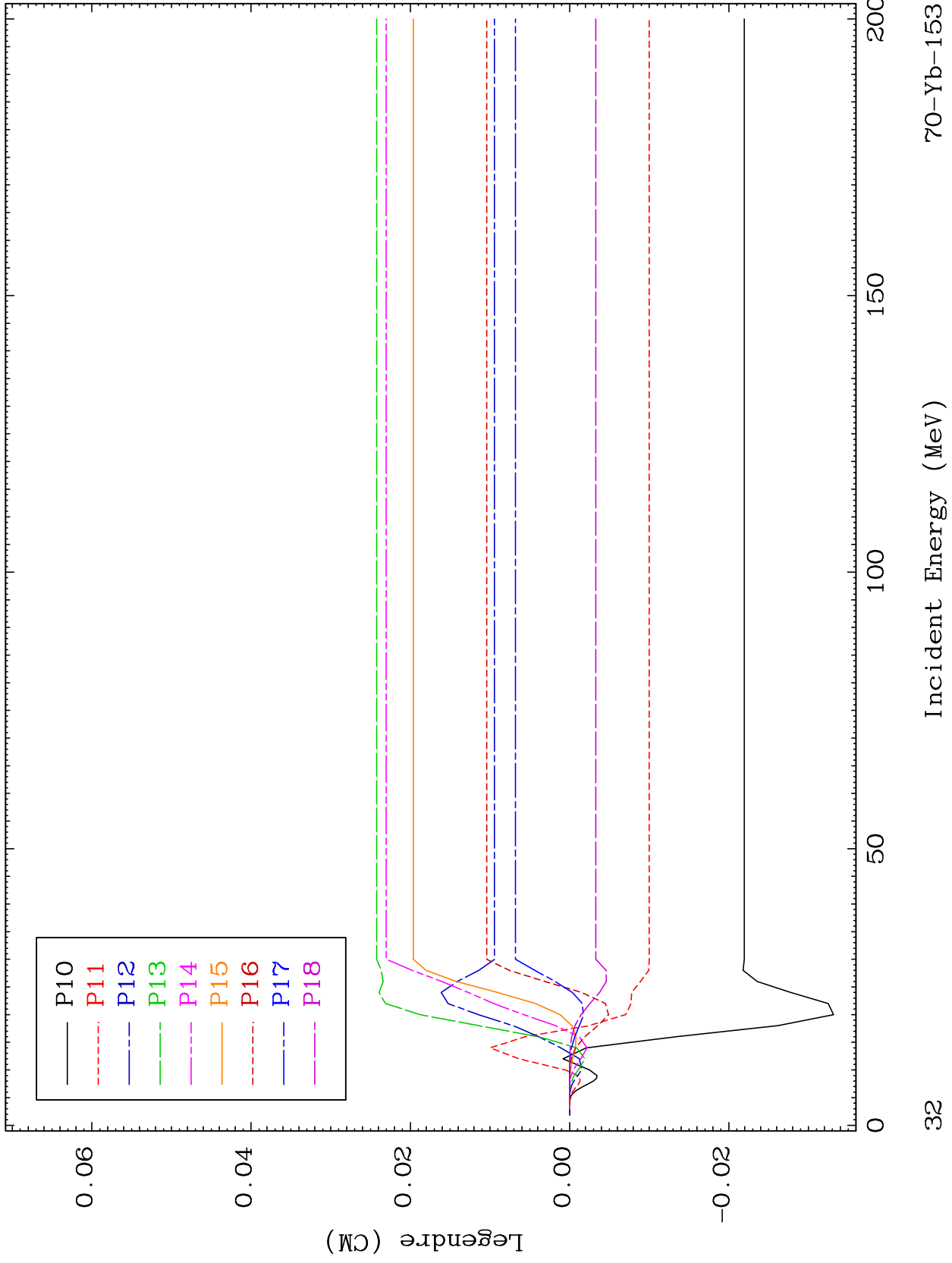
70-Yb-153



MAT 6980

1.491 MeV (n, n') Level  
Legendre Coefficients

70-Yb-153



32

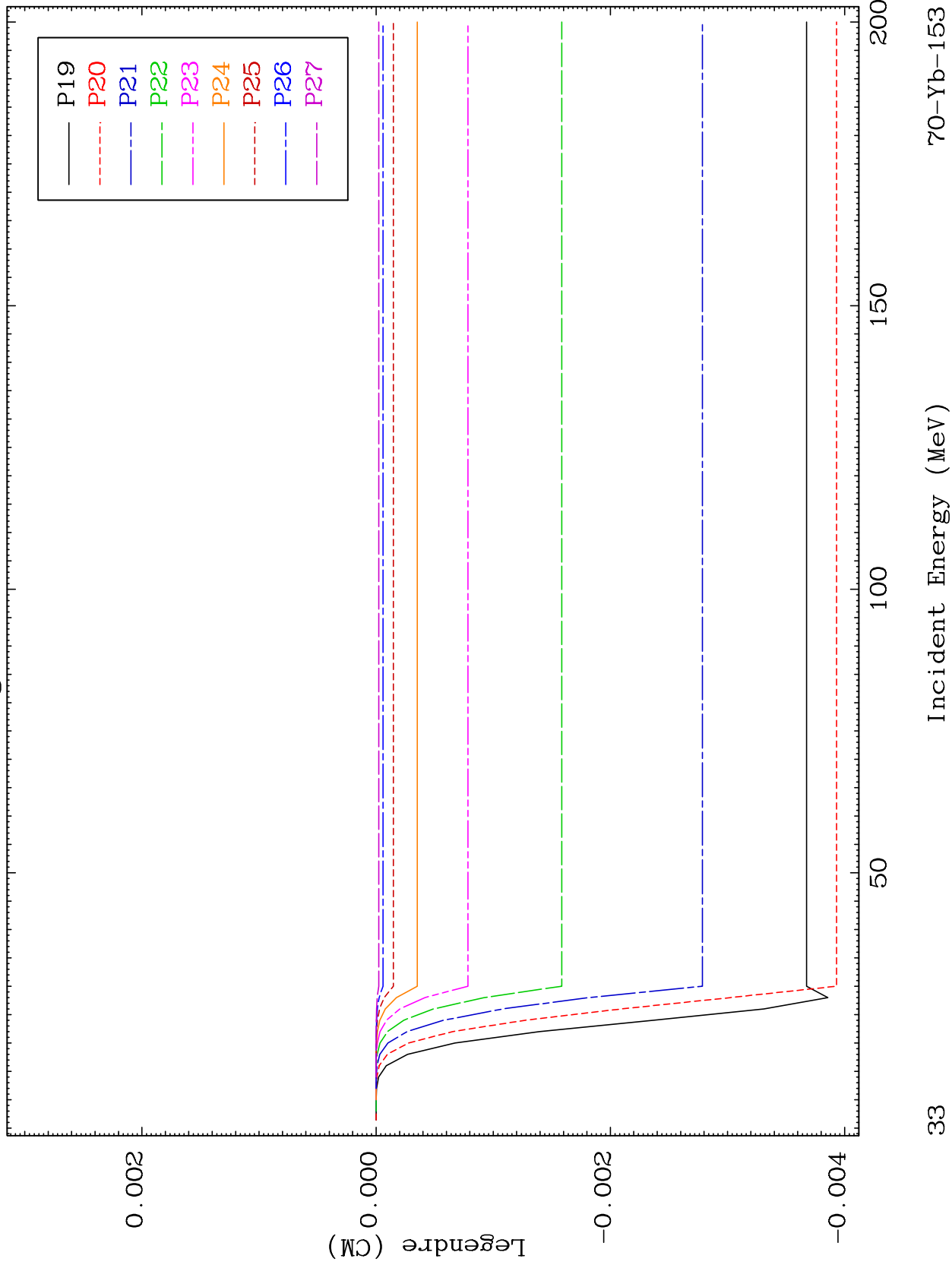
Incident Energy (MeV)

70-Yb-153

MAT 6980

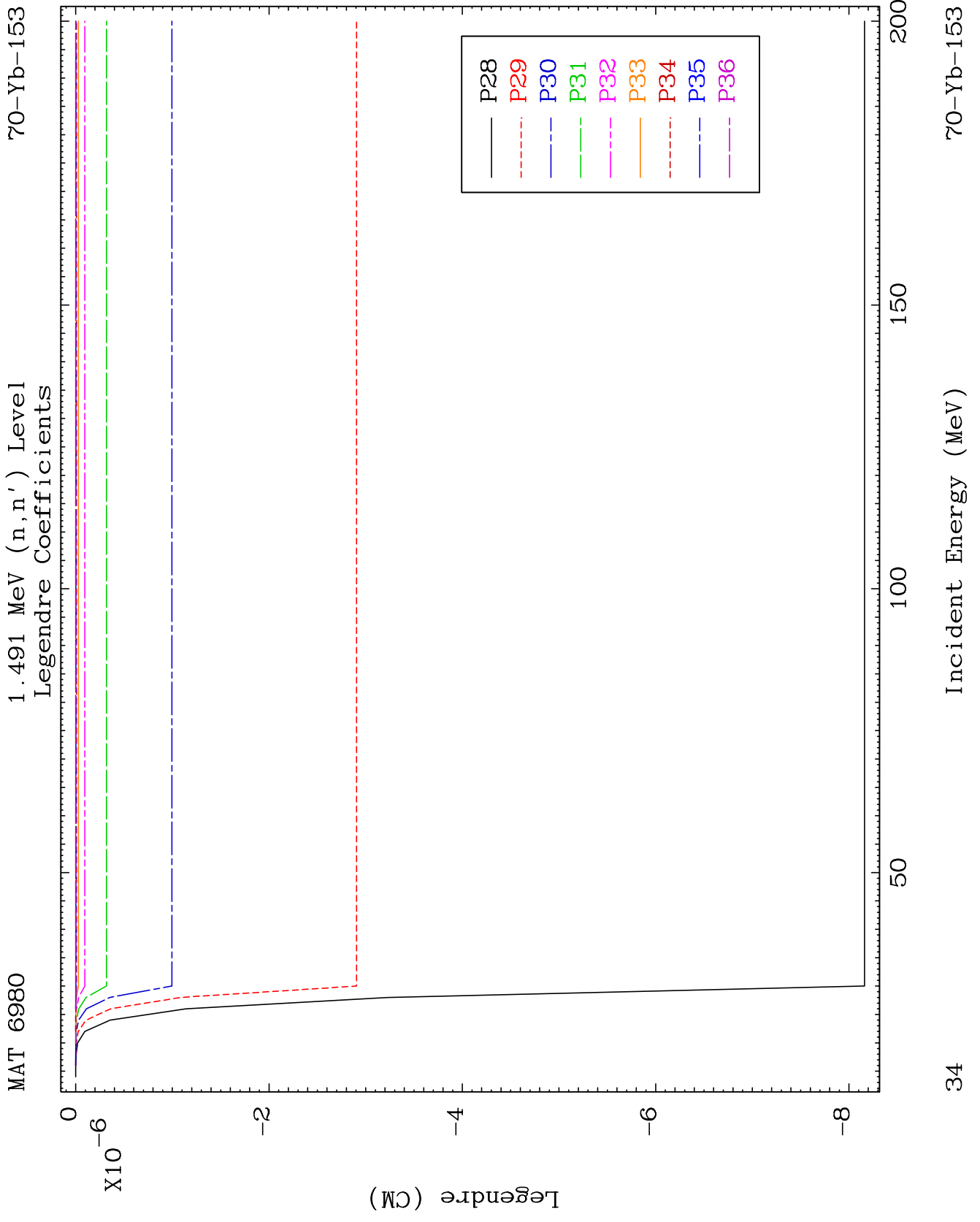
1.491 MeV (n,n') Level  
Legendre Coefficients

70-Yb-153



33

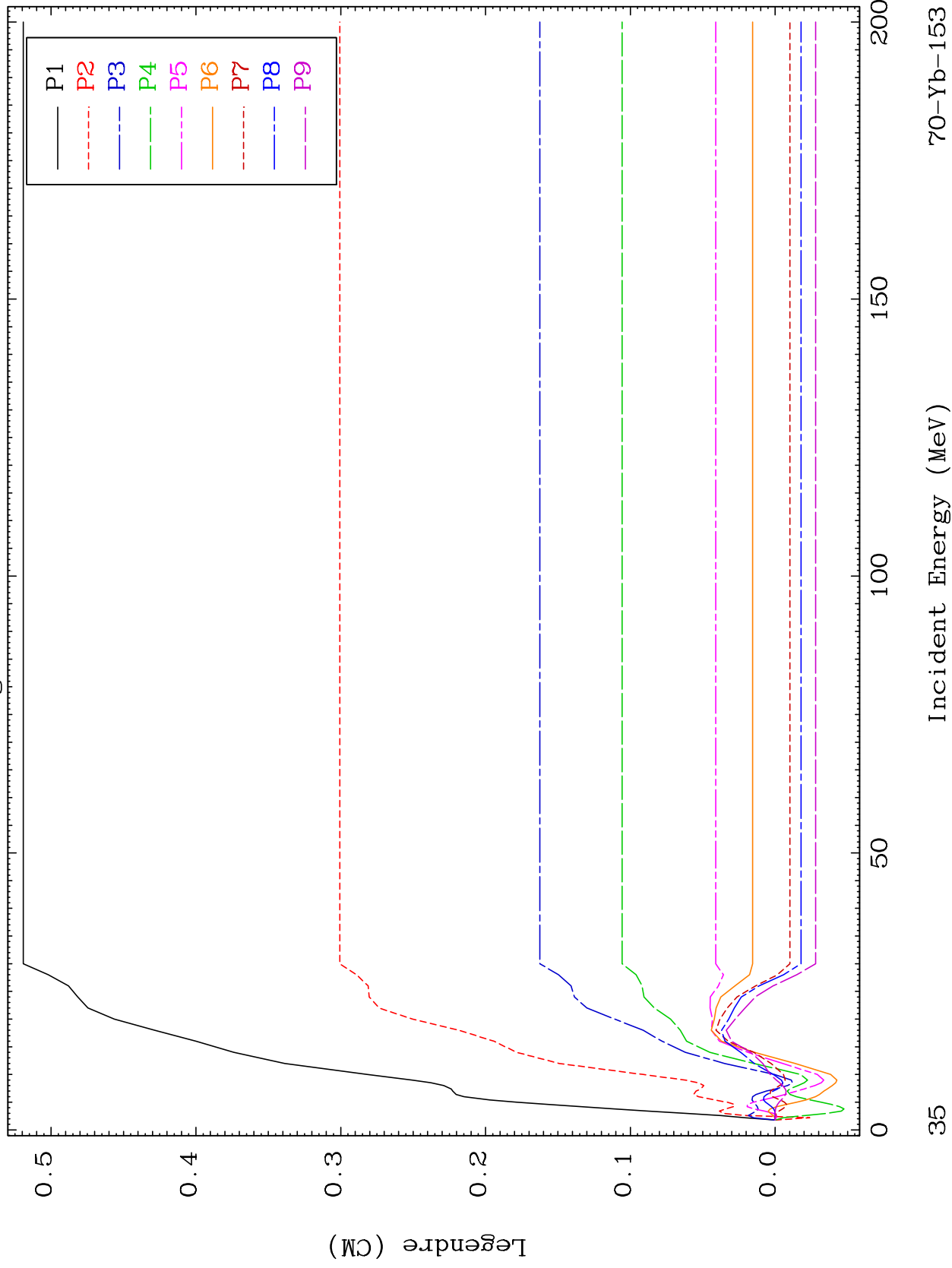
70-Yb-153



MAT 6980

1.762 MeV (n, n') Level  
Legendre Coefficients

70-Yb-153

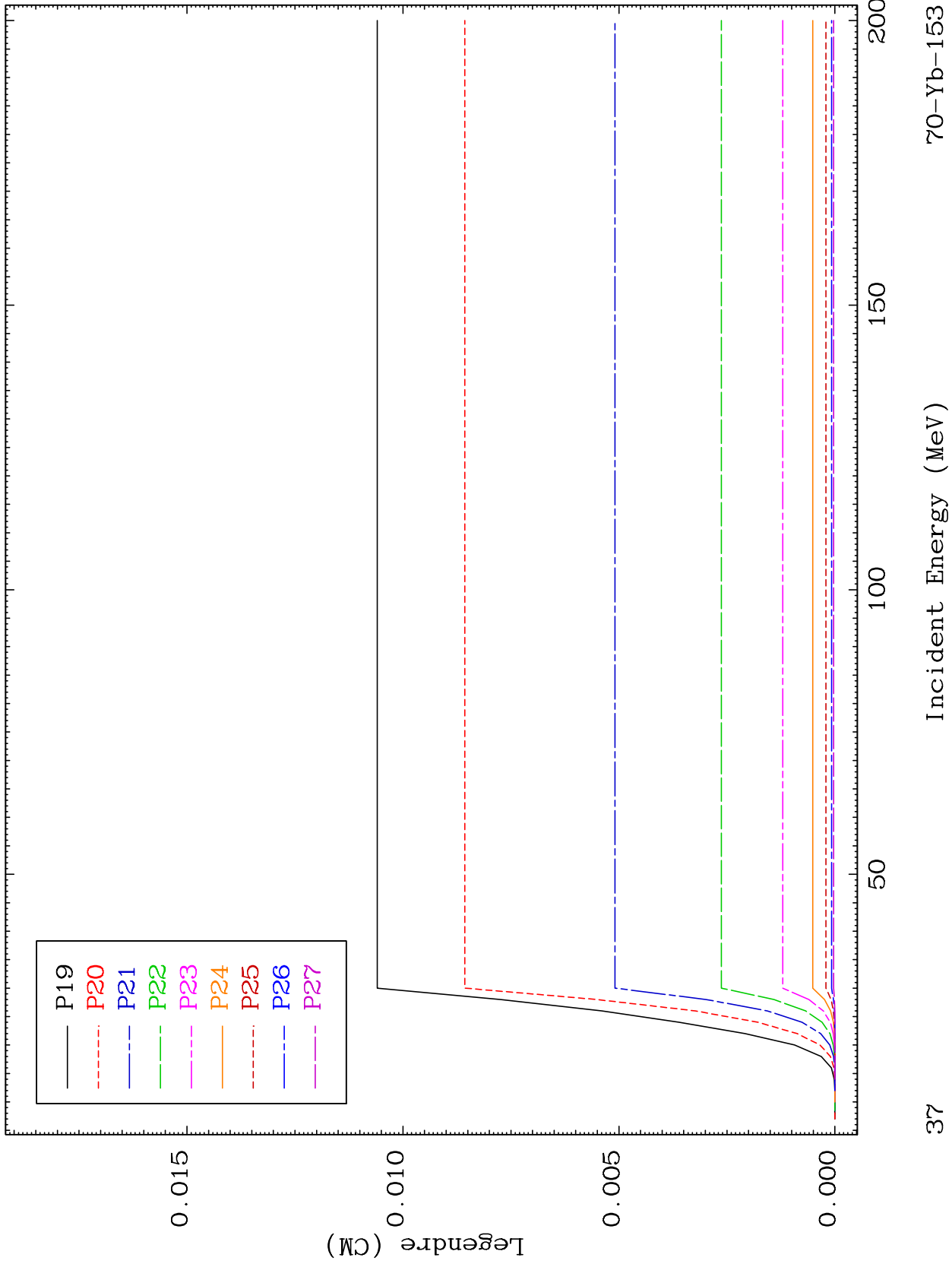




MAT 6980

1.762 MeV (n,n') Level  
Legendre Coefficients

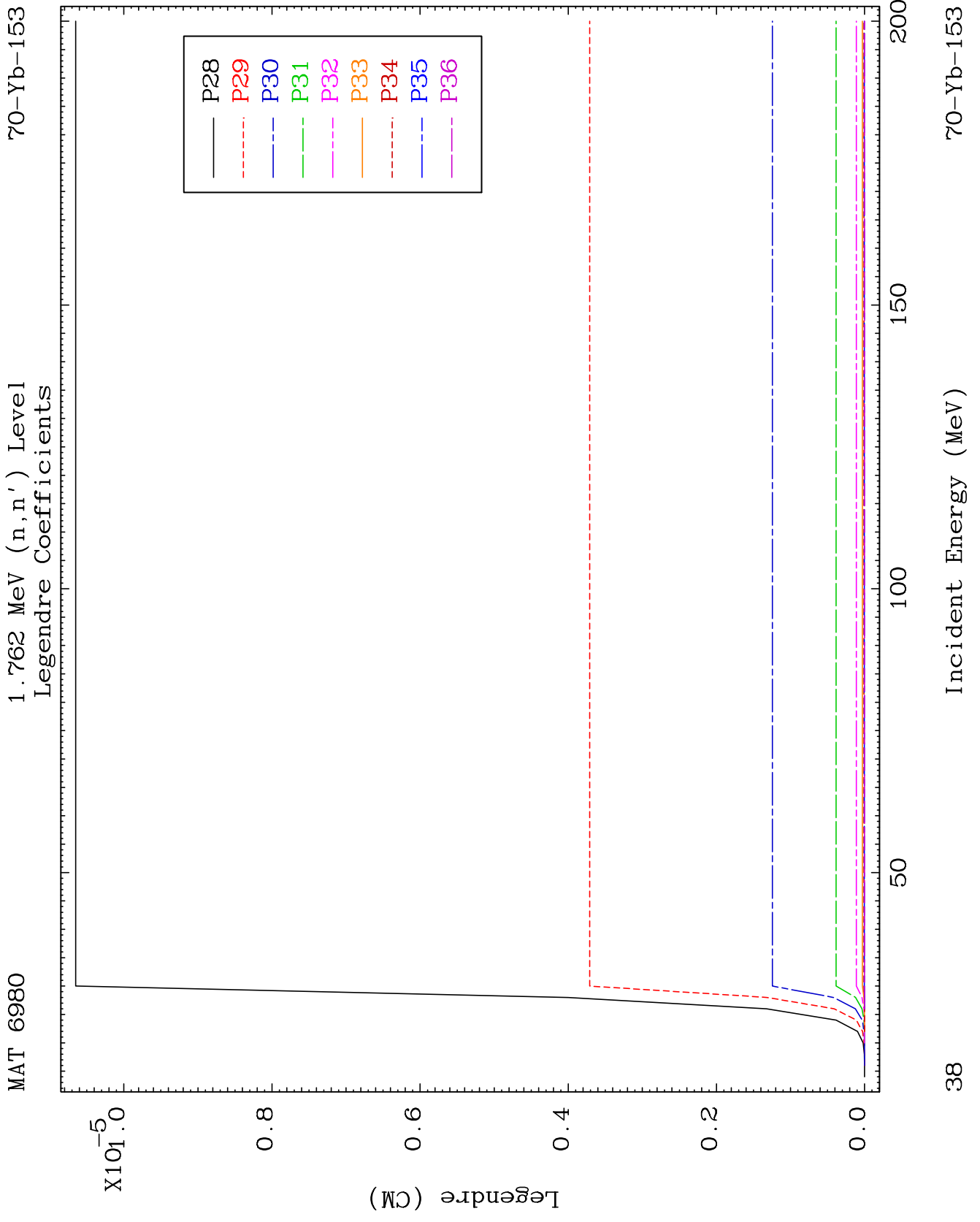
70-Yb-153



37

Incident Energy (MeV)

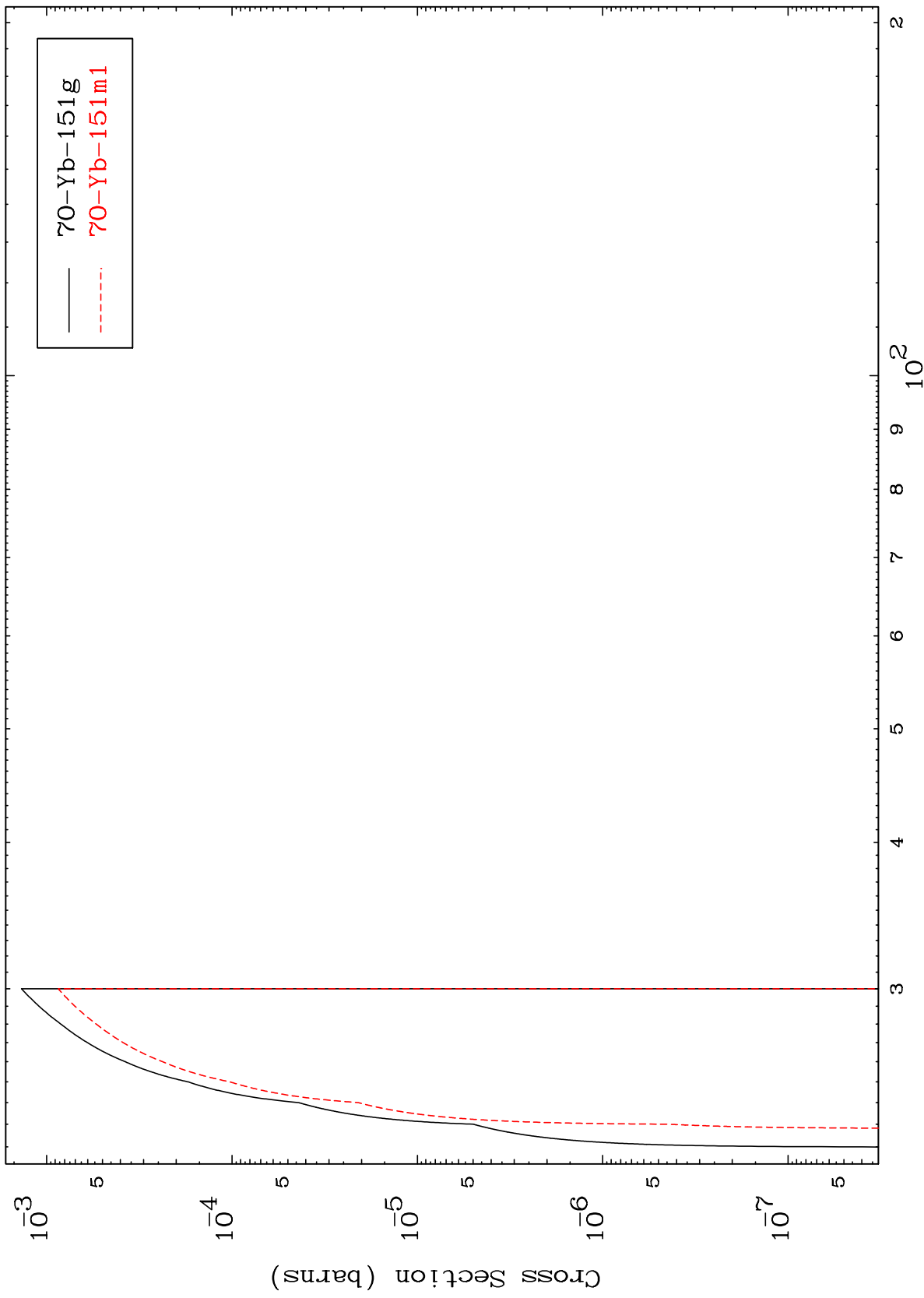
70-Yb-153



MAT 6980

70-Yb-153

(n,3n)  
Radionuclide Production Cross Section



39

Incident Energy (MeV)

70-Yb-153

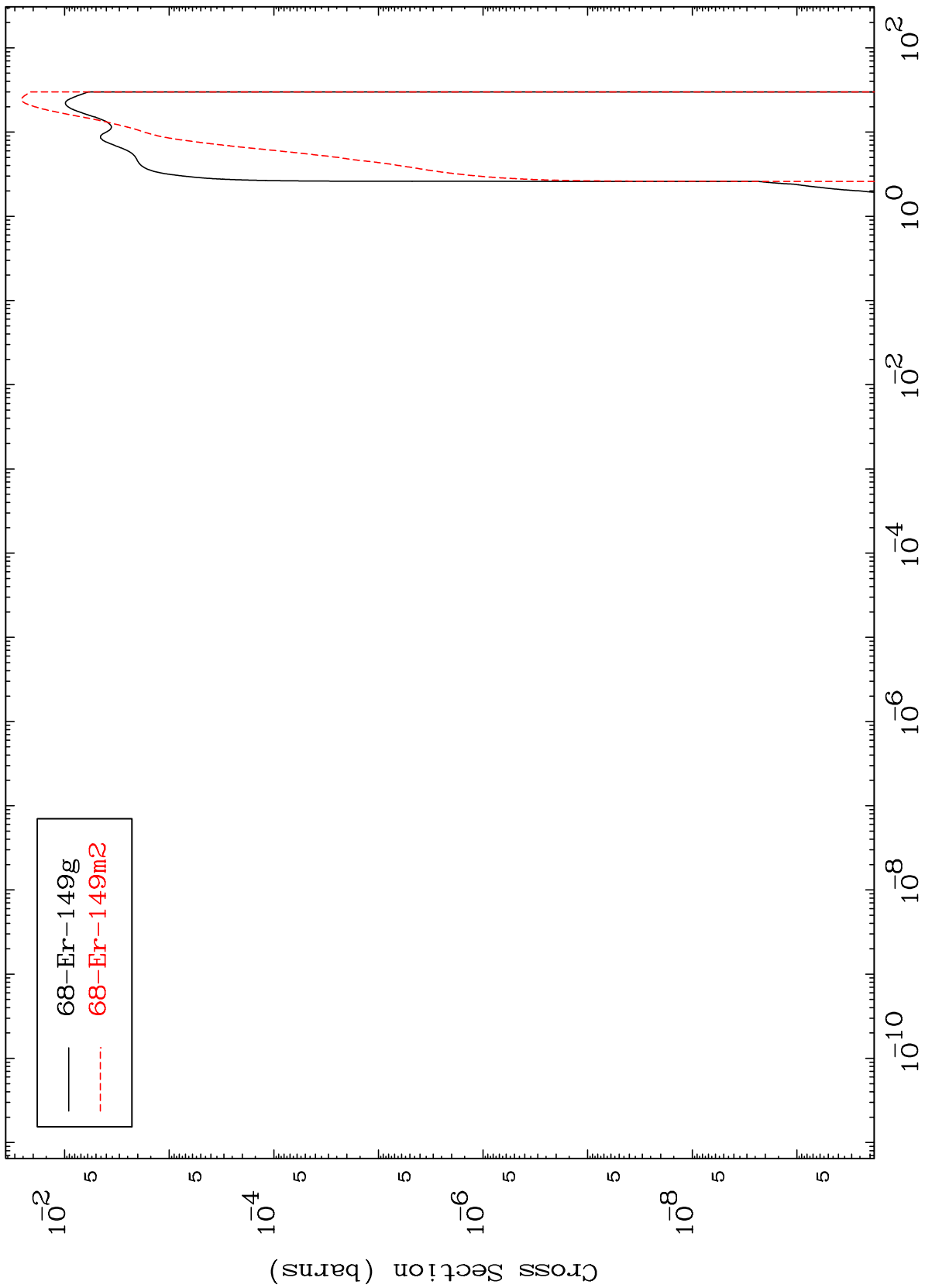


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(n,n')  $\alpha$

70-Yb-153

Radionuclide Production Cross Section



40

Incident Energy (MeV)

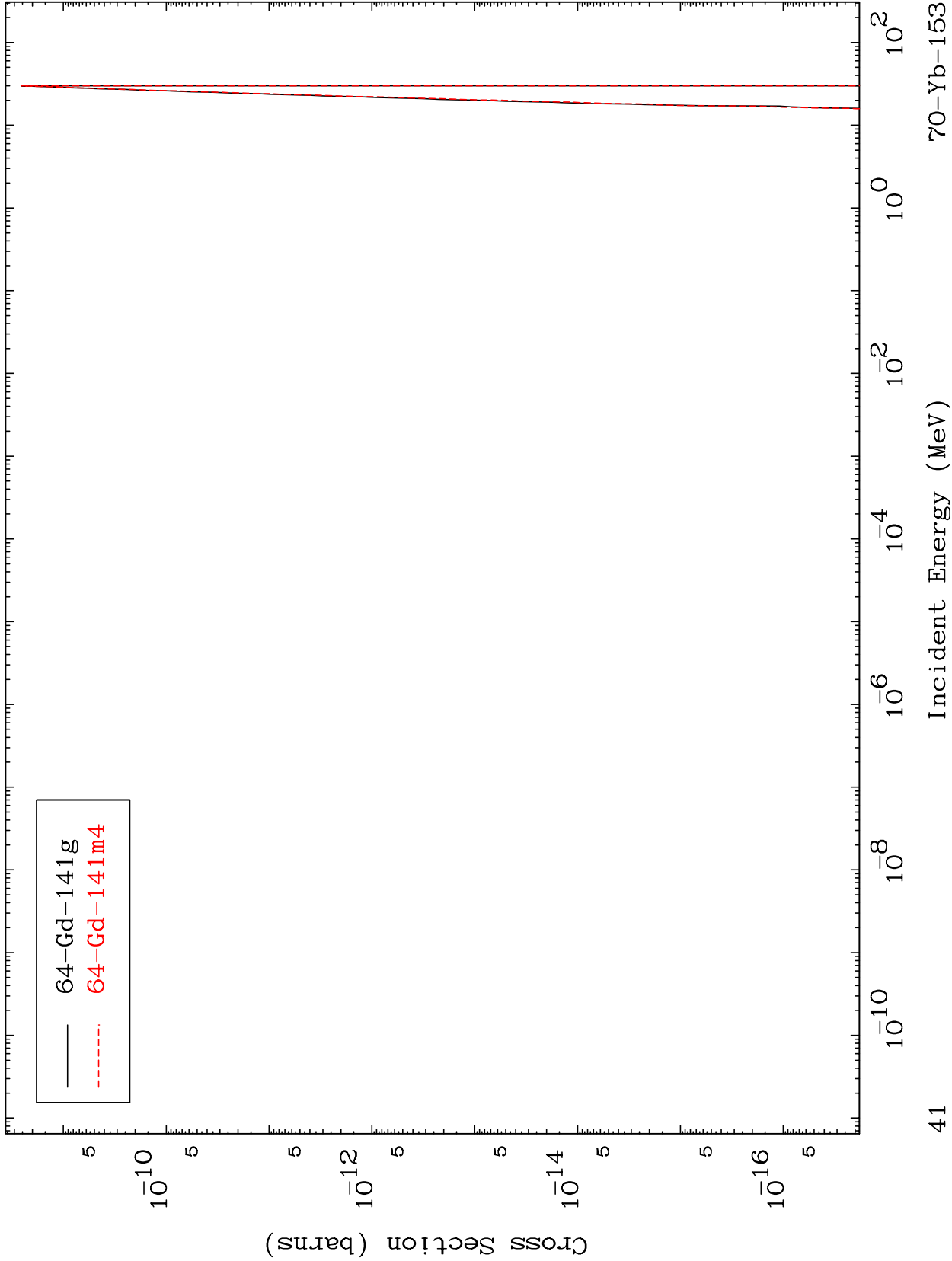
70-Yb-153

MAT 6980

(n,n') 3 $\alpha$

70-Yb-153

Radionuclide Production Cross Section

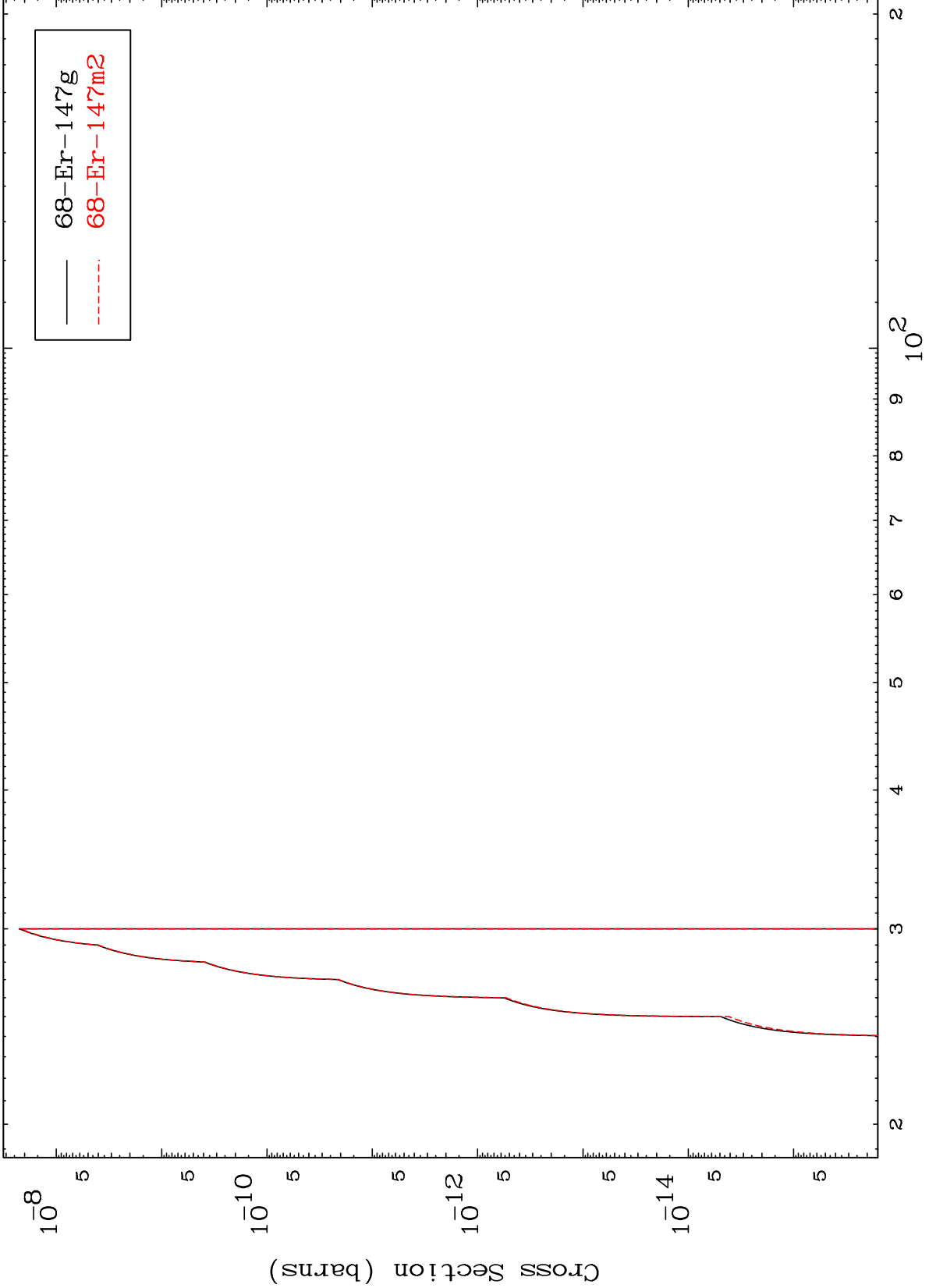


MAT 6980

(n,3n)  $\alpha$

70-Yb-153

Radionuclide Production Cross Section



42

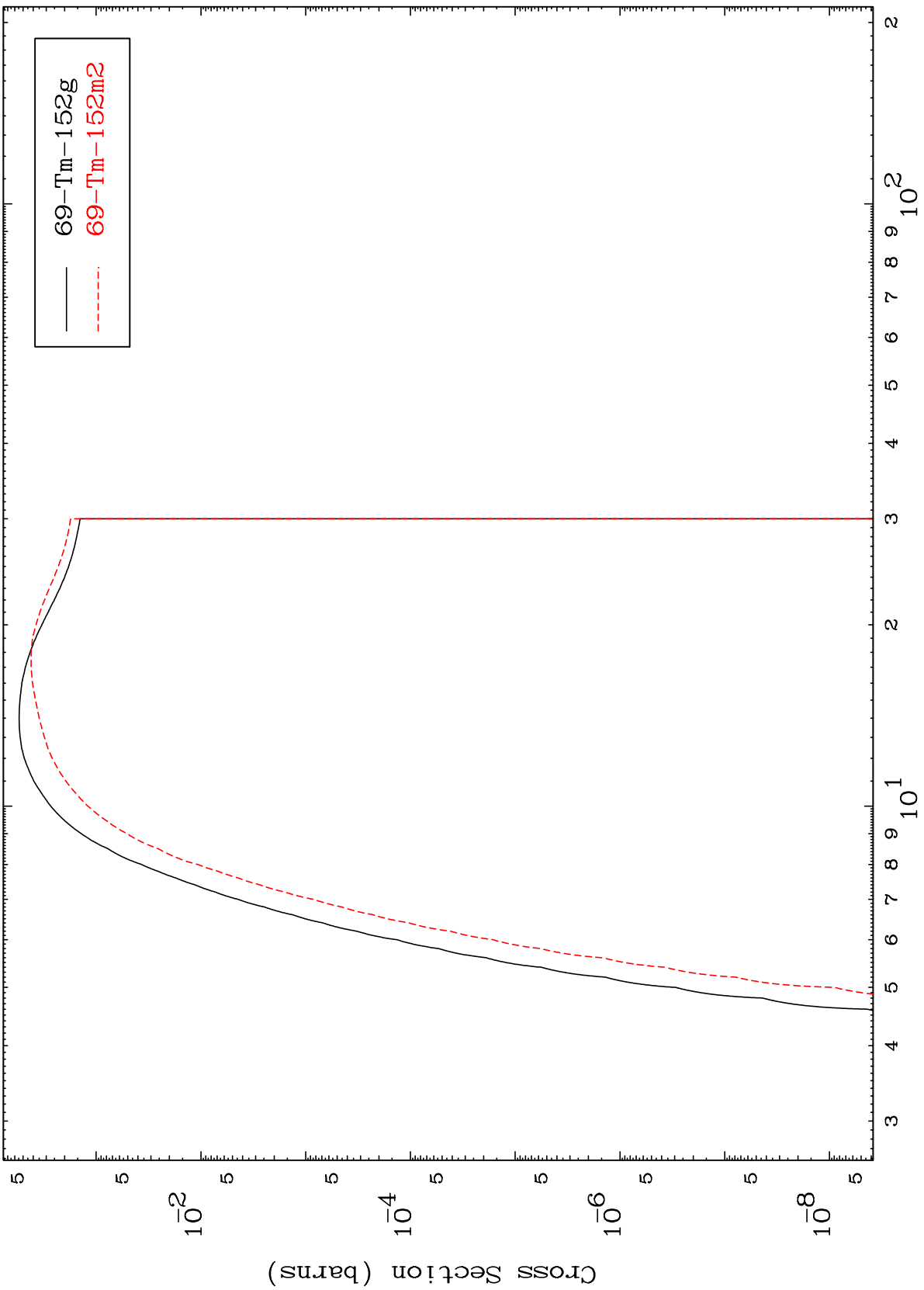
Incident Energy (MeV)

70-Yb-153

MAT 6980

70-Yb-153

$(n, n')$  p  
Radionuclide Production Cross Section



43

Incident Energy (MeV)

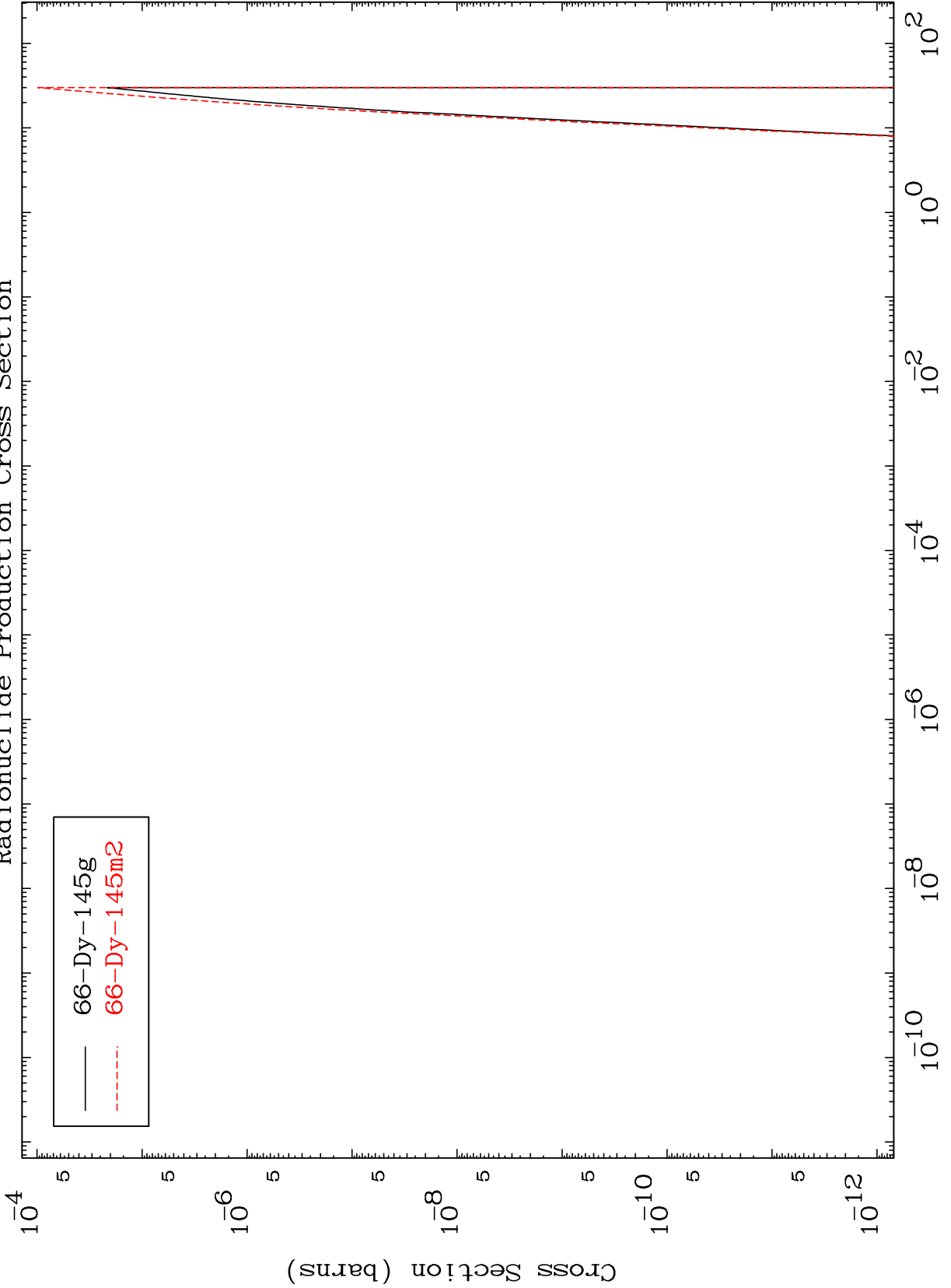
70-Yb-153

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(n,n') 2α

70-Yb-153

Radionuclide Production Cross Section



66-Dy-145g  
66-Dy-145m2

Incident Energy (MeV)

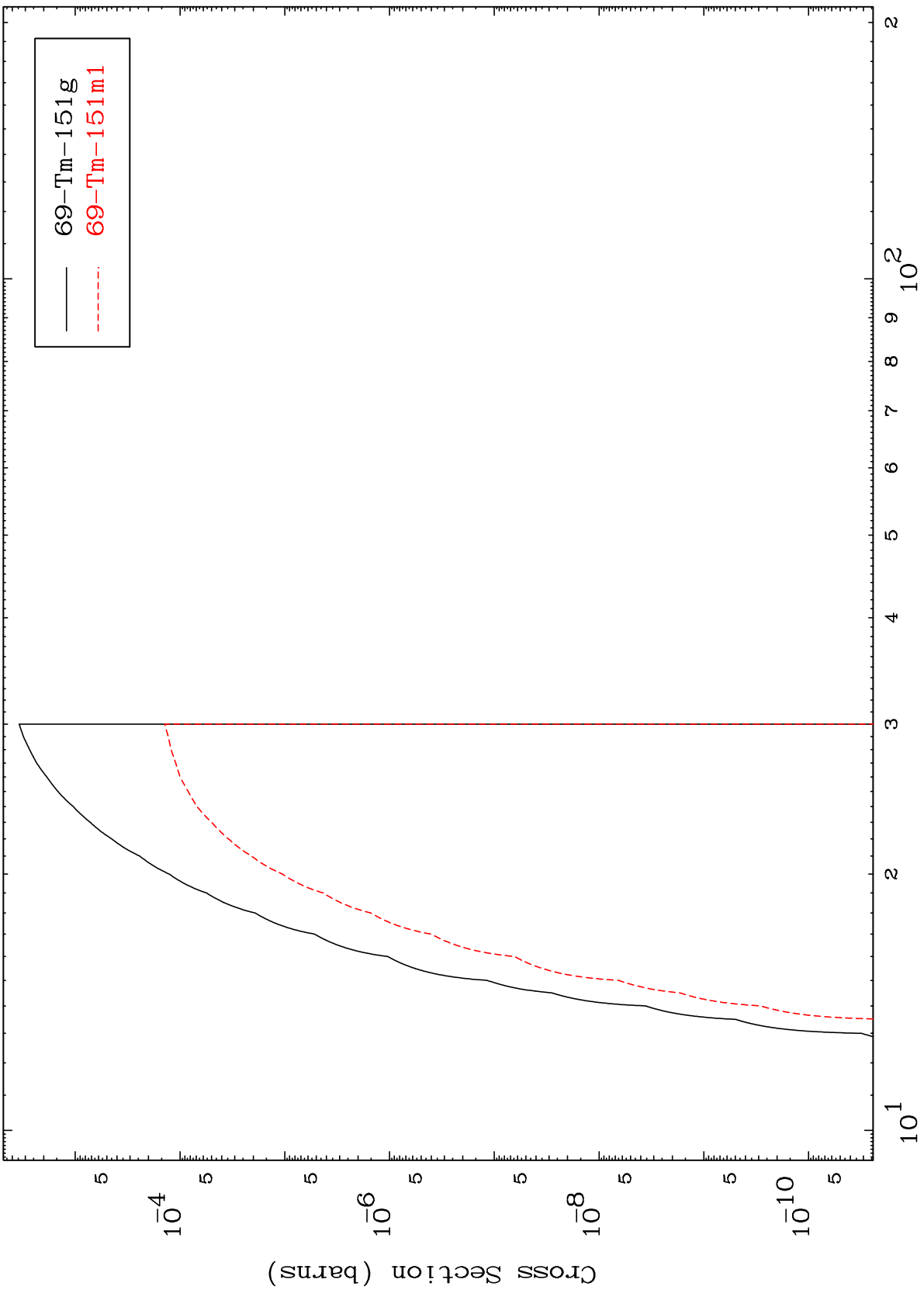
70-Yb-153

MAT 6980

(n,n') d

70-Yb-153

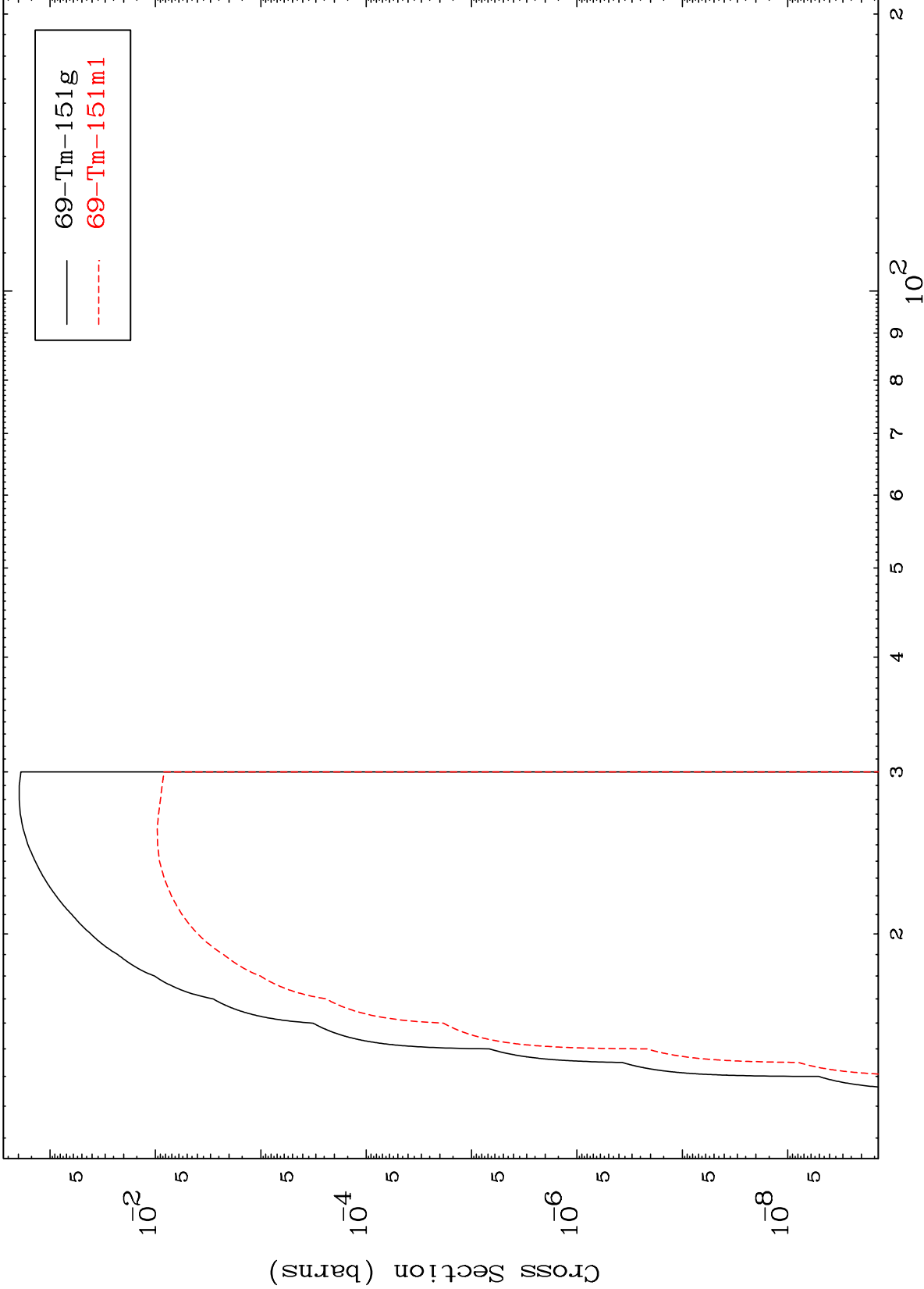
Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-153

Radionuclide Production Cross Section



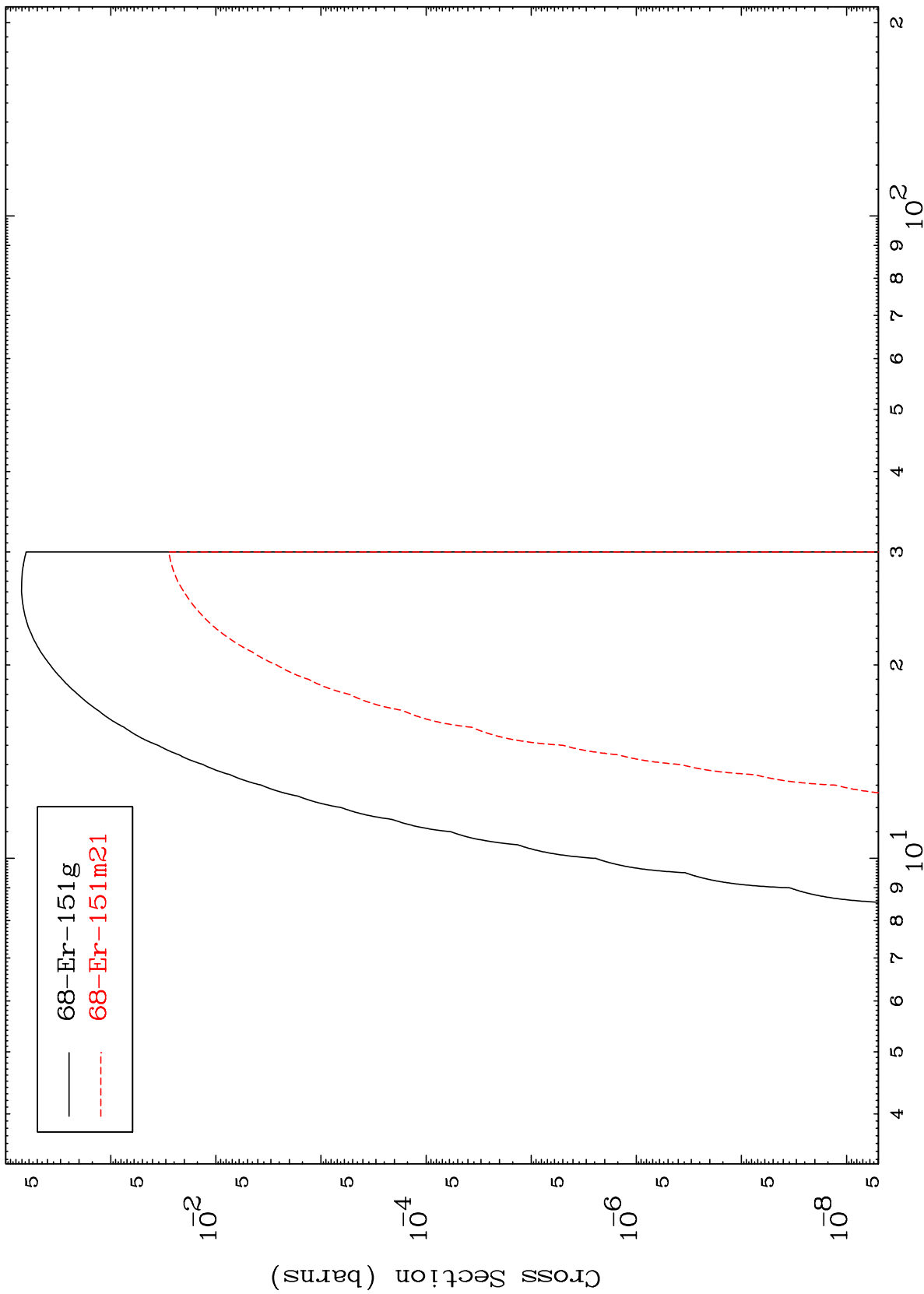
69-Tm-151 g  
69-Tm-151 m1

MAT 6980

(n,2n) p

70-Yb-153

Radionuclide Production Cross Section



47

Incident Energy (MeV)

70-Yb-153

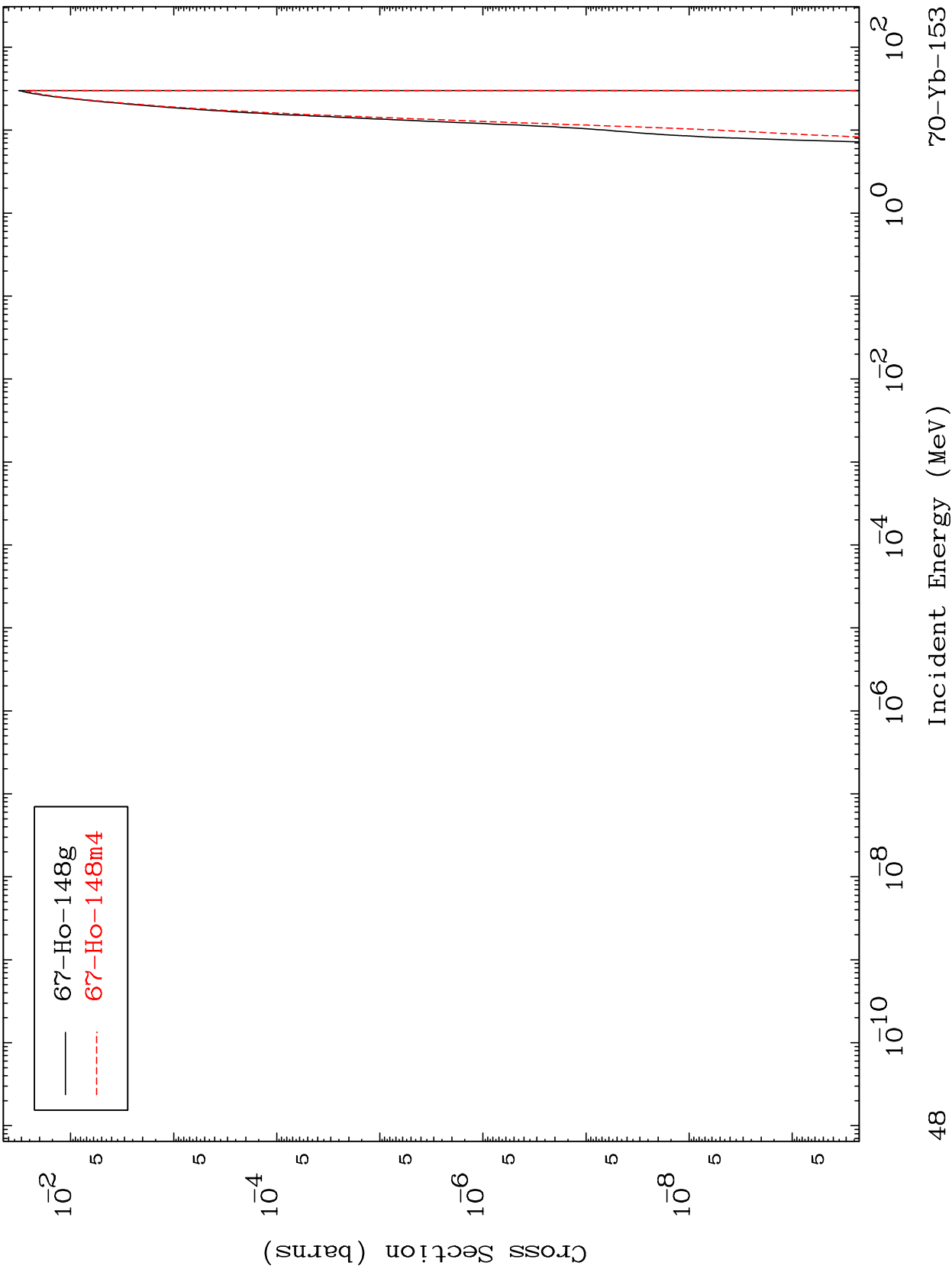


MAT 6980

(n,n') p  $\alpha$

70-Yb-153

Radionuclide Production Cross Section



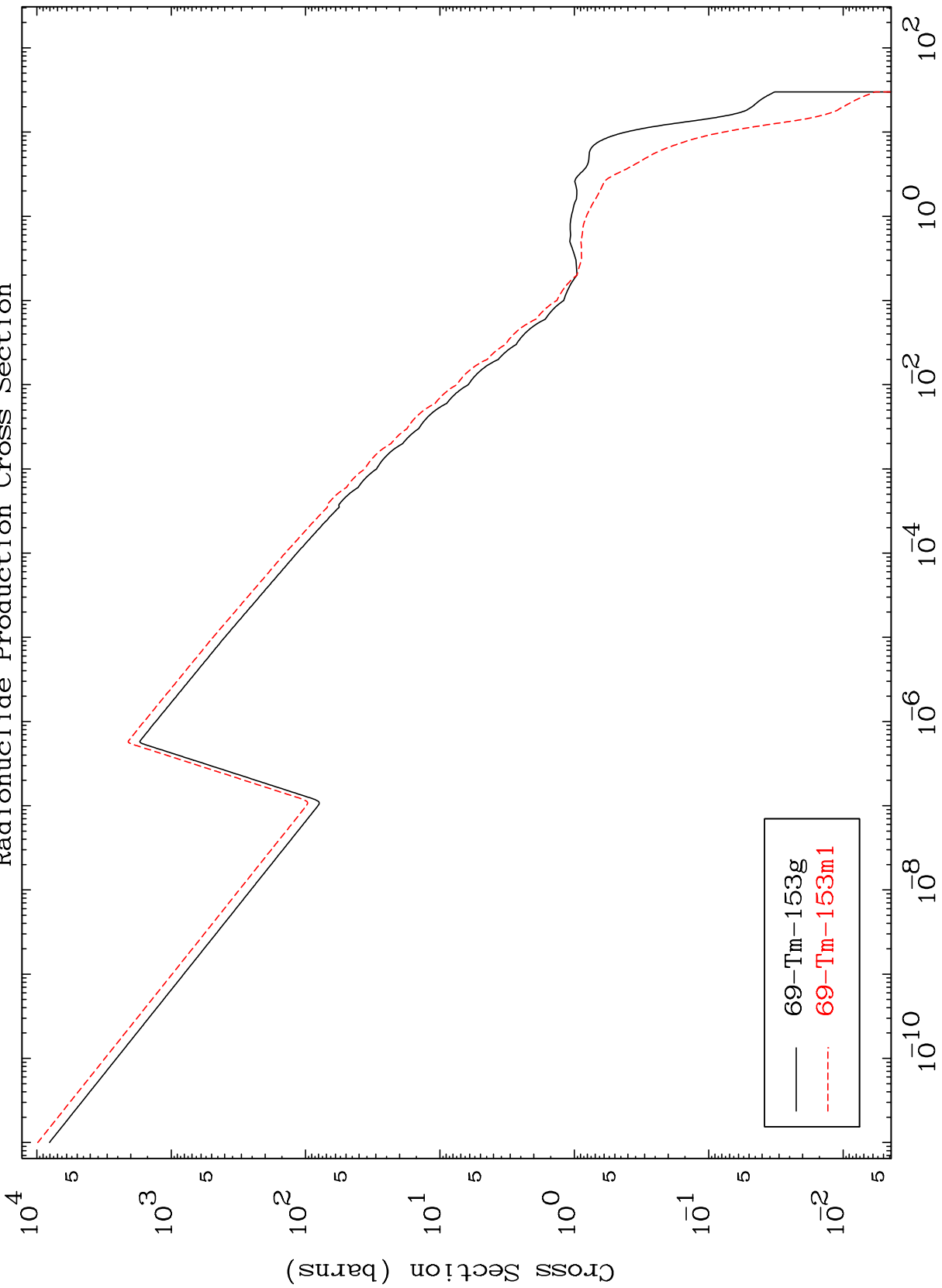
— 67-Ho-148g  
- - - 67-Ho-148m4

MAT 6980

(n,p)

70-Yb-153

Radionuclide Production Cross Section

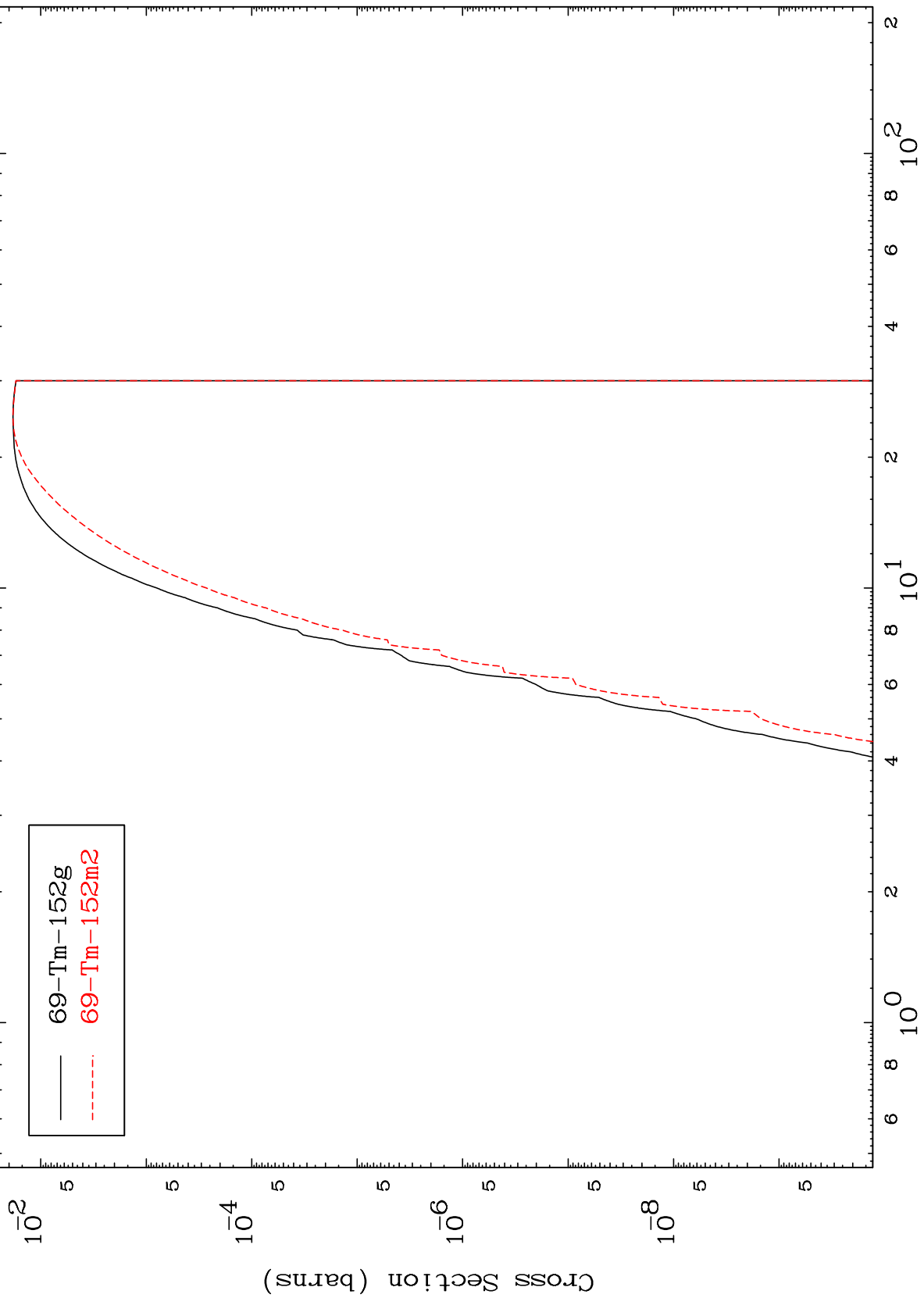


MAT 6980

(n,d)

70-Yb-153

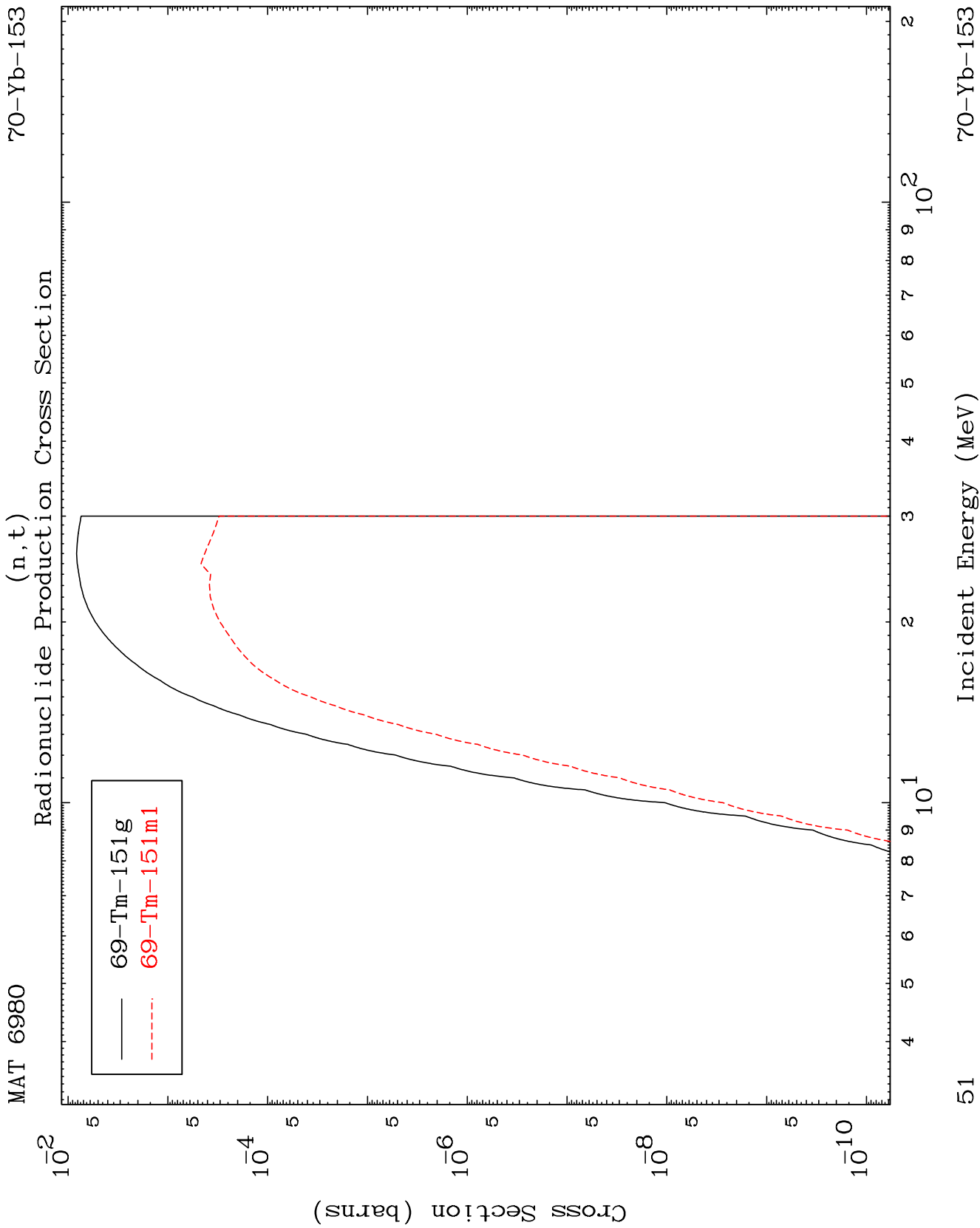
Radionuclide Production Cross Section



50

Incident Energy (MeV)

70-Yb-153

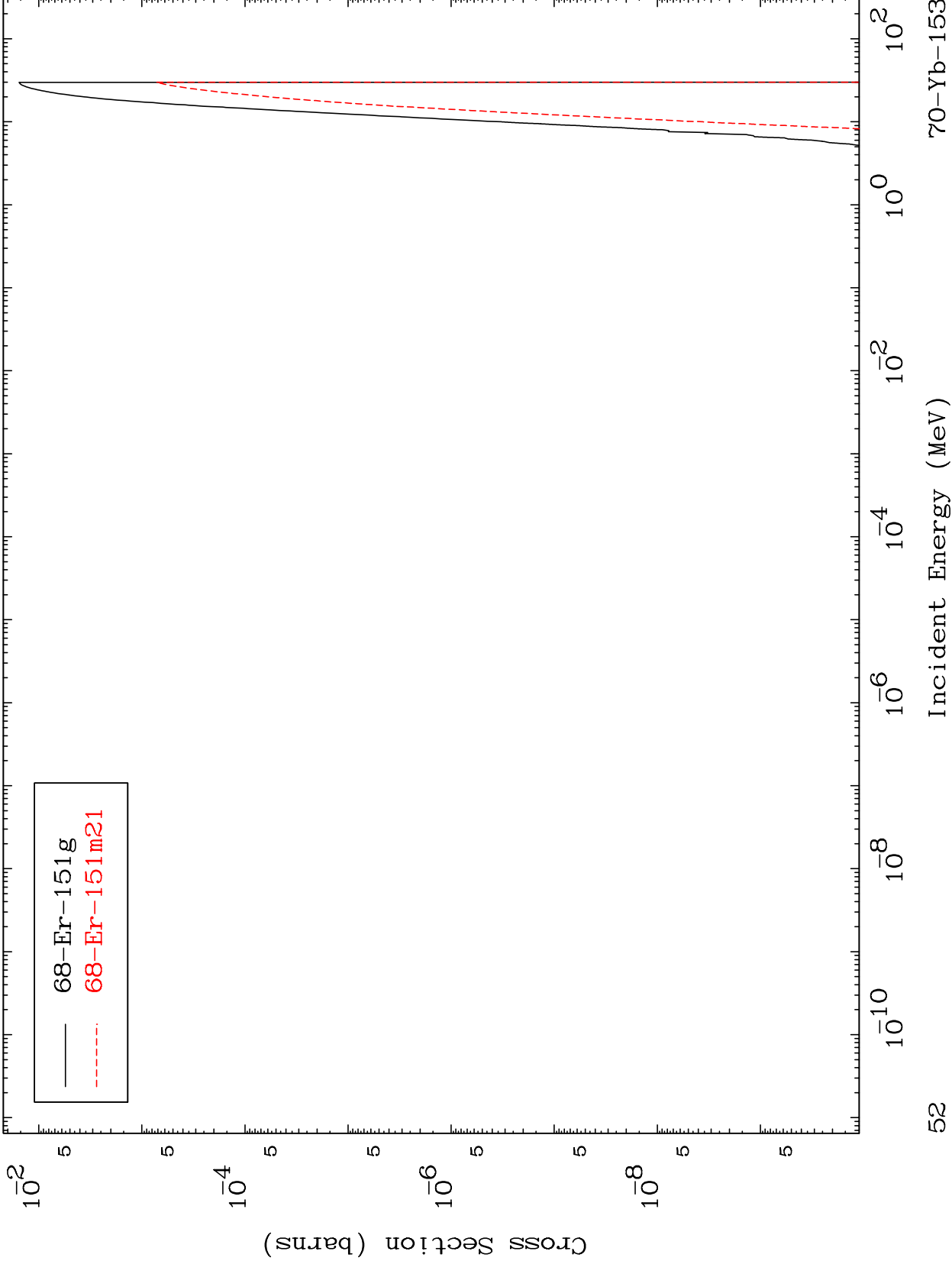


MAT 6980

(n,He-3)

70-Yb-153

Radionuclide Production Cross Section



52

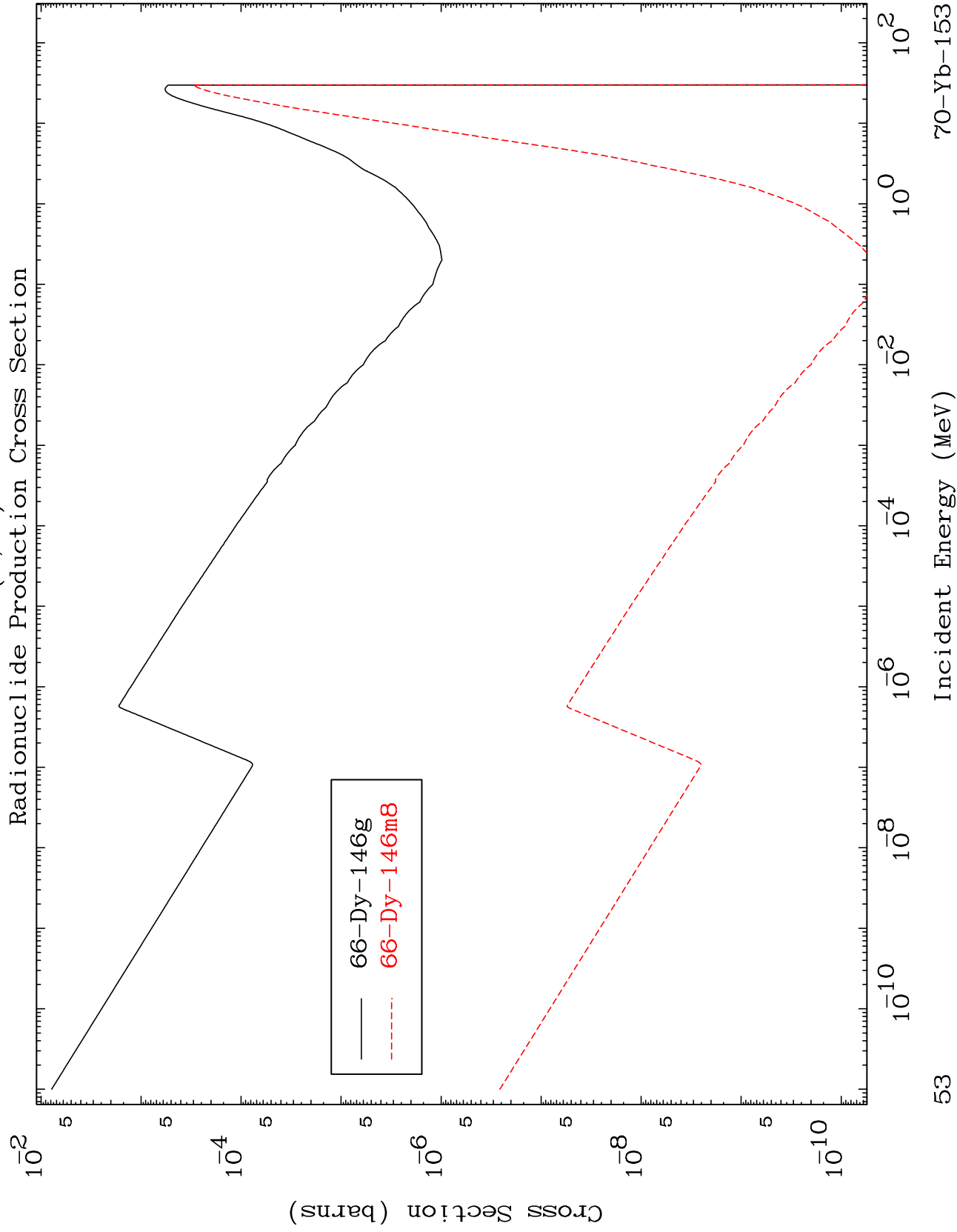
Incident Energy (MeV)

70-Yb-153

MAT 6980

(n,2α)

70-Yb-153



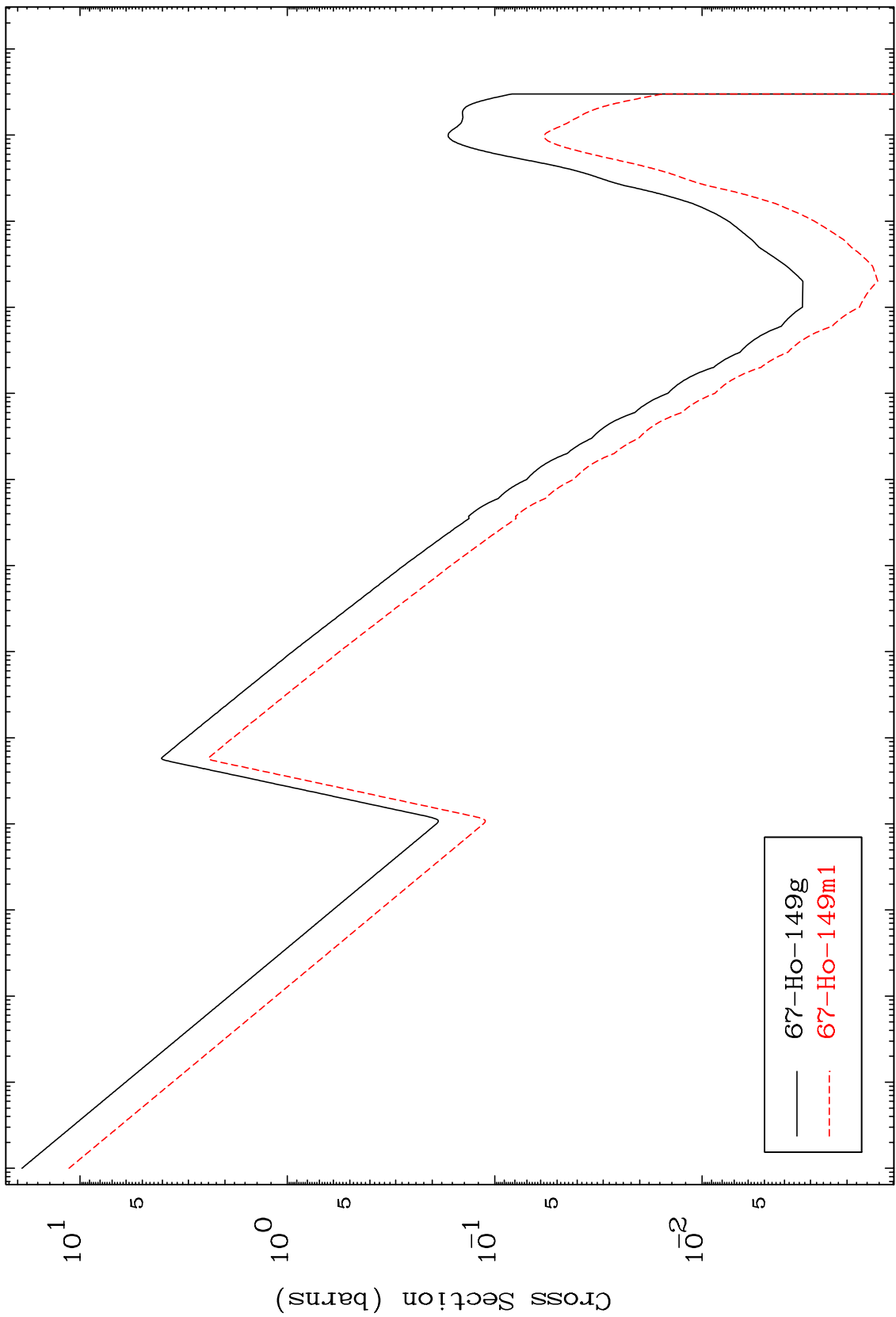
53

MAT 6980

(n,p)  $\alpha$

70-Yb-153

Radionuclide Production Cross Section



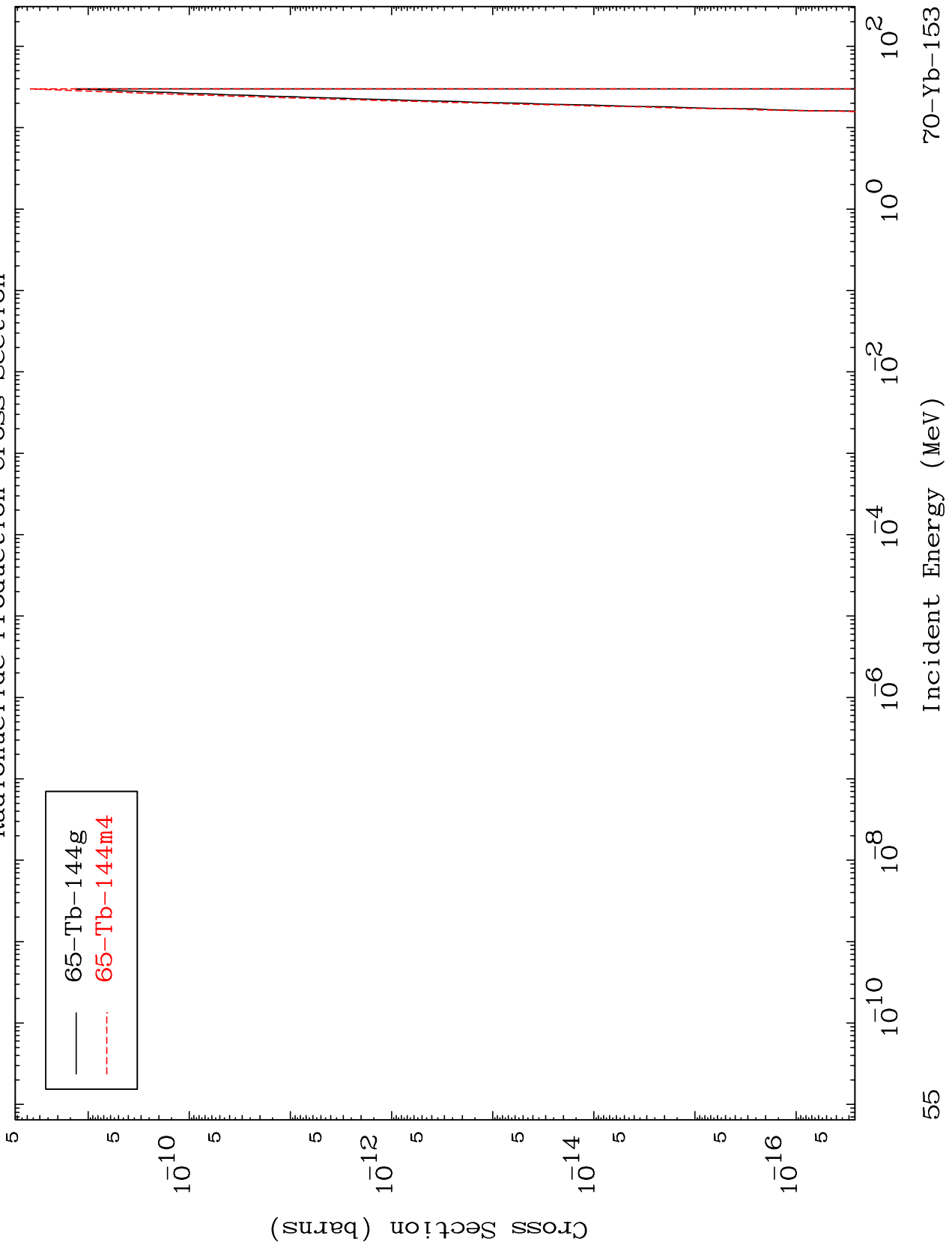
— 67-Ho-149g  
- - - 67-Ho-149m1

MAT 6980

(n,d) 2 $\alpha$

70-Yb-153

Radionuclide Production Cross Section



65-Tb-144g  
65-Tb-144m4

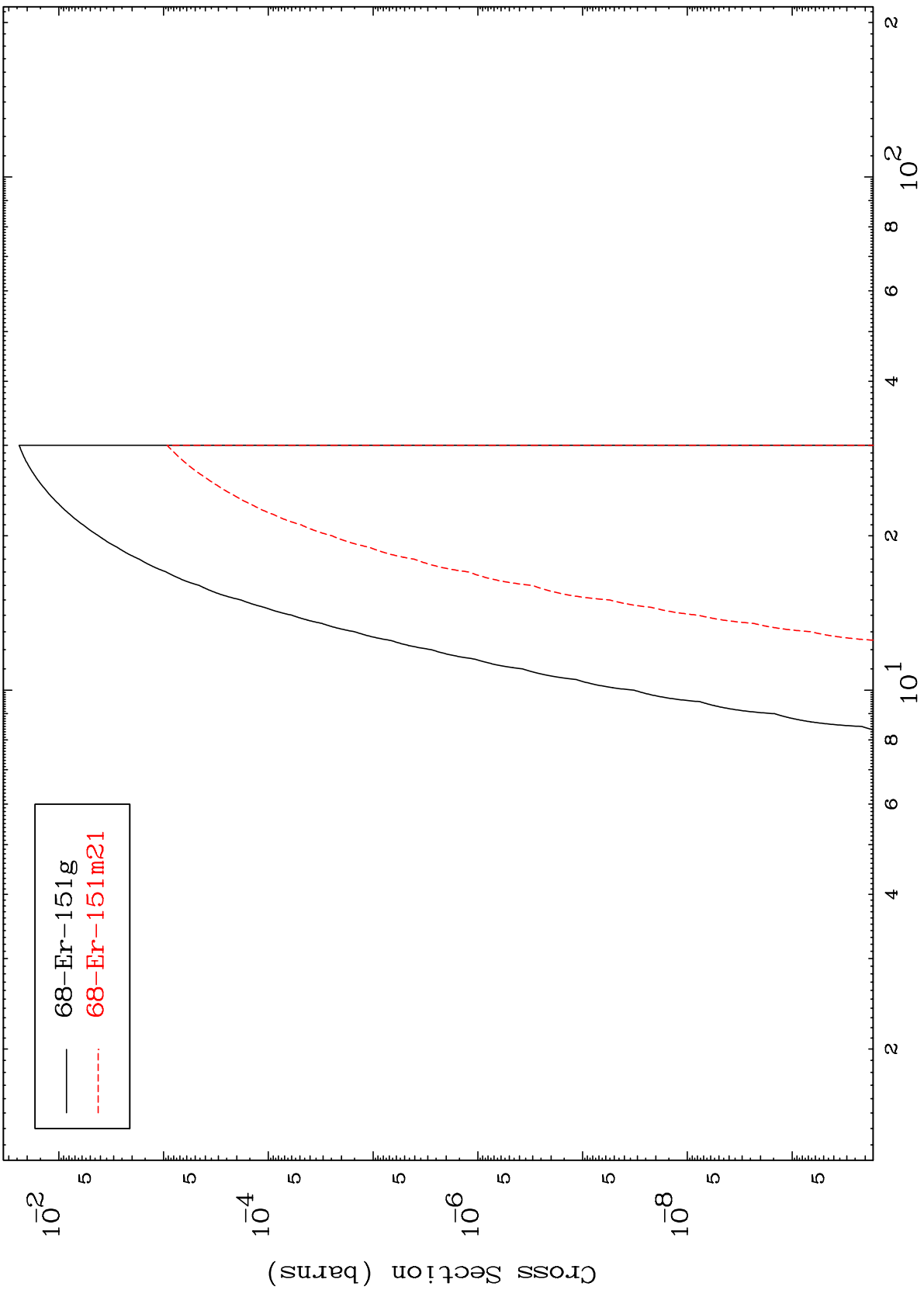


MAT 6980

(n,p) d

70-Yb-153

Radionuclide Production Cross Section



68-Er-151g  
68-Er-151m21

56

Incident Energy (MeV)

70-Yb-153

MAT 6980

(n,d)  $\alpha$

70-Yb-153

Radionuclide Production Cross Section

