

Program EVALPLOT
(Version 2017-1)

by

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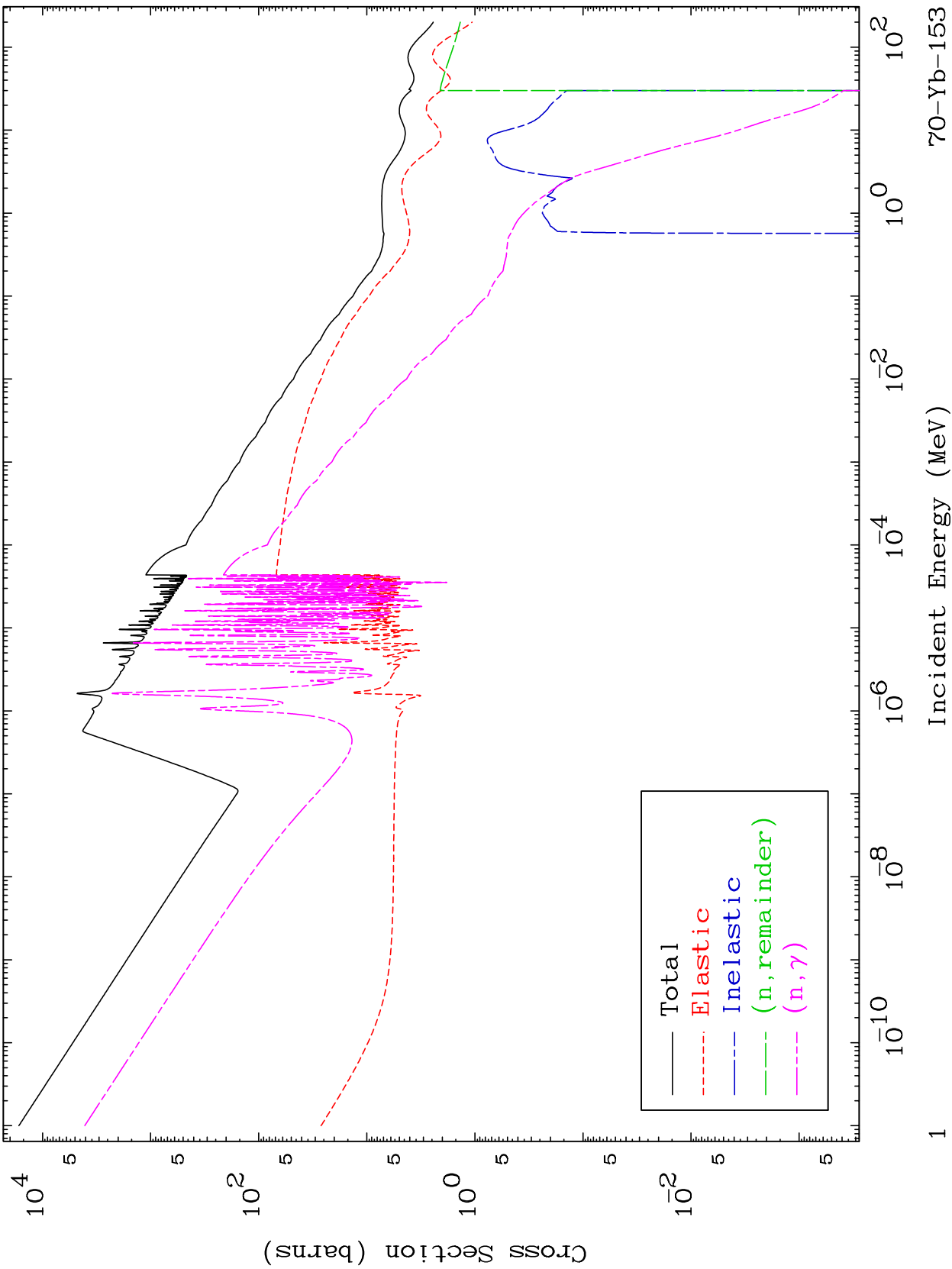
Press Mouse Button to Start

MAT 6980

Major

293 Kelvin Cross Sections

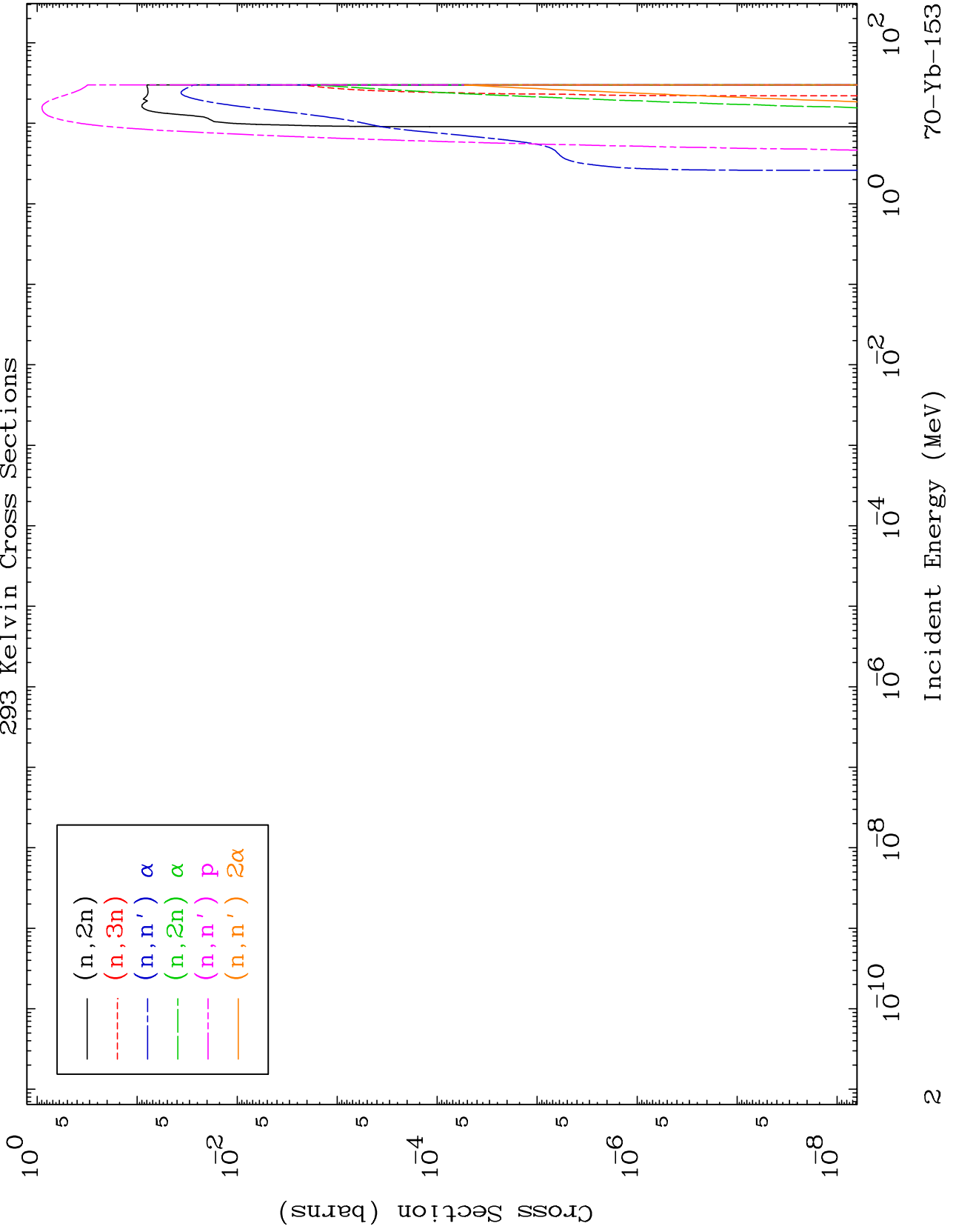
70-Yb-153

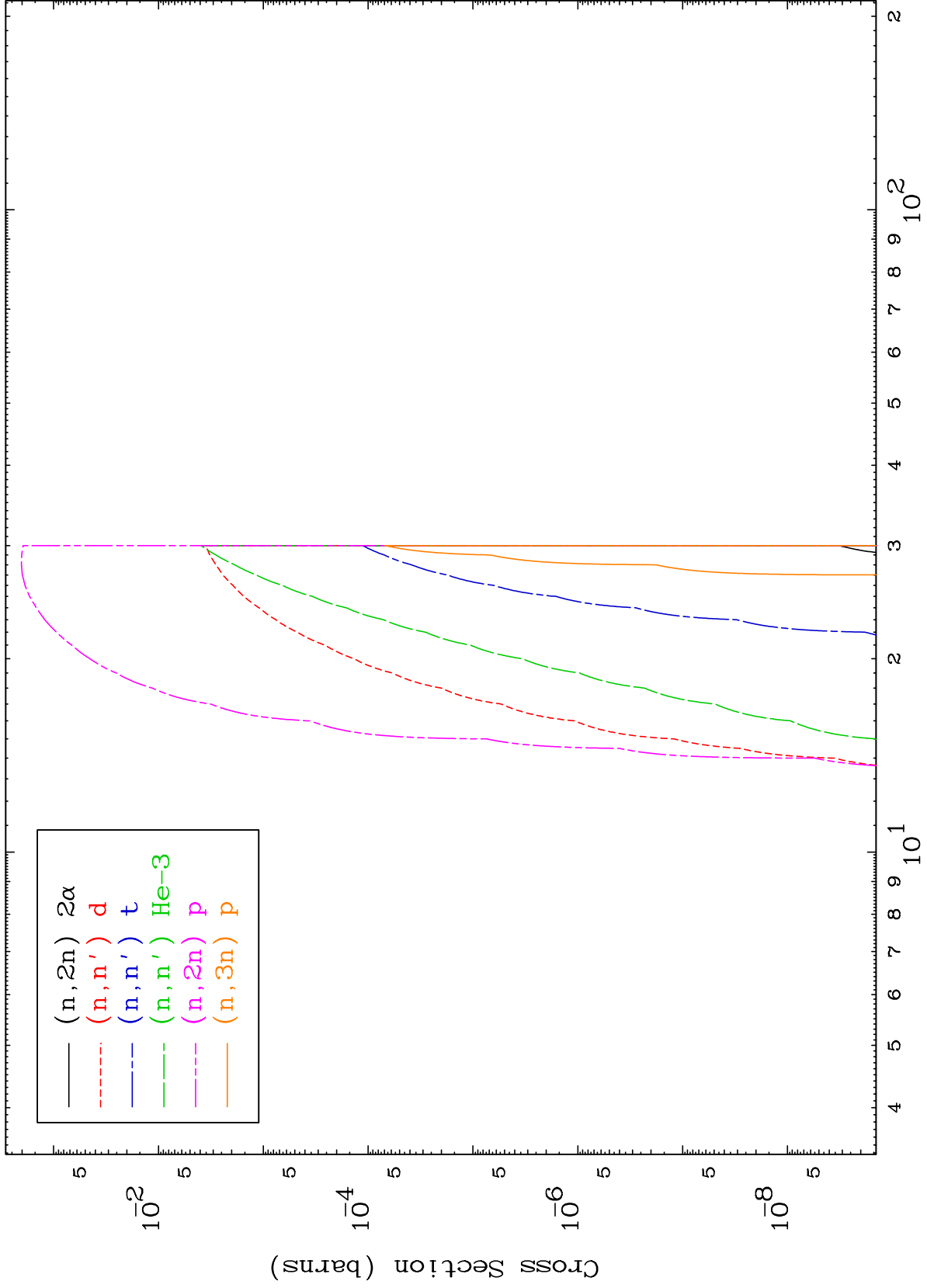


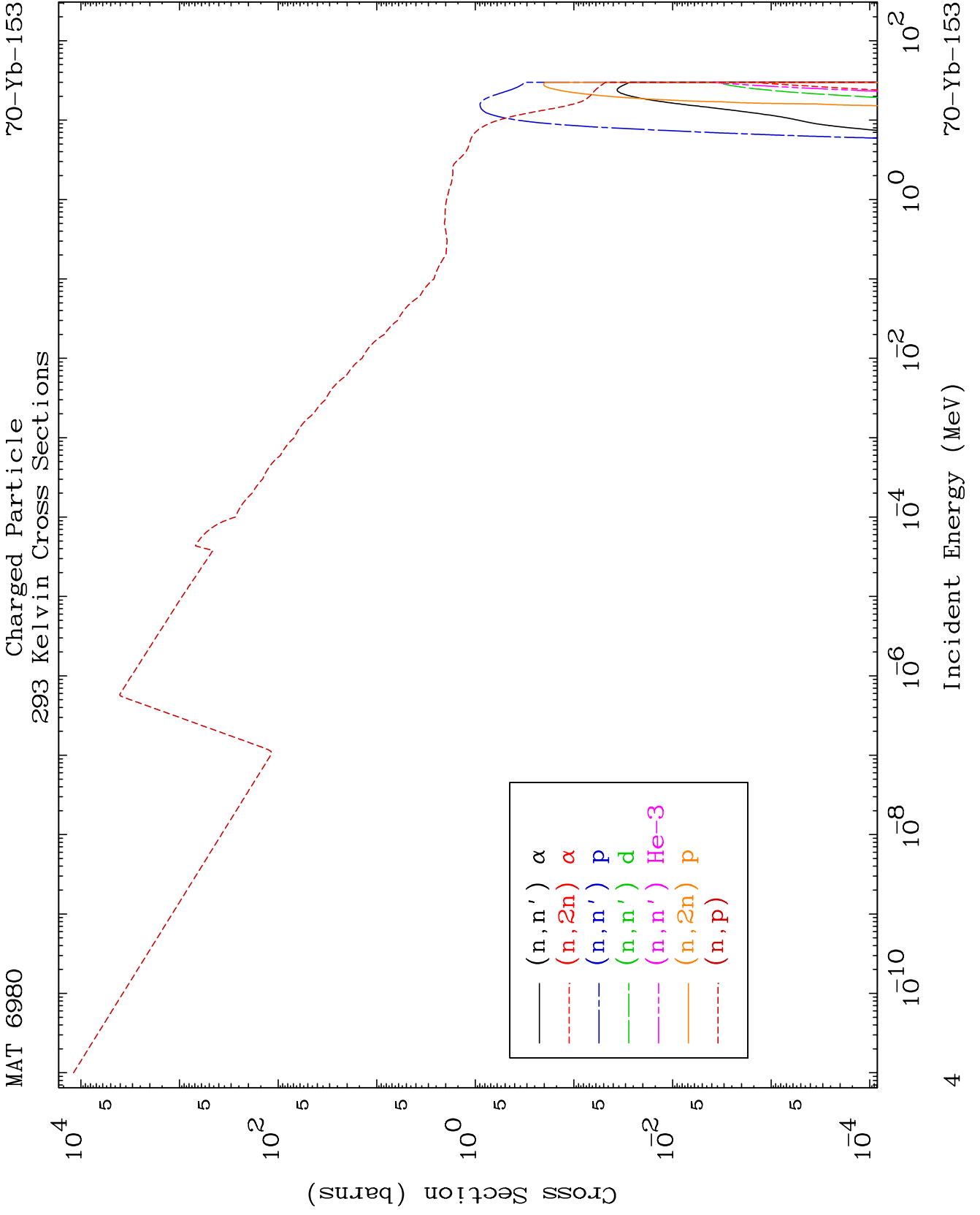
MAT 6980

Neutron Production
293 Kelvin Cross Sections

70-Yb-153



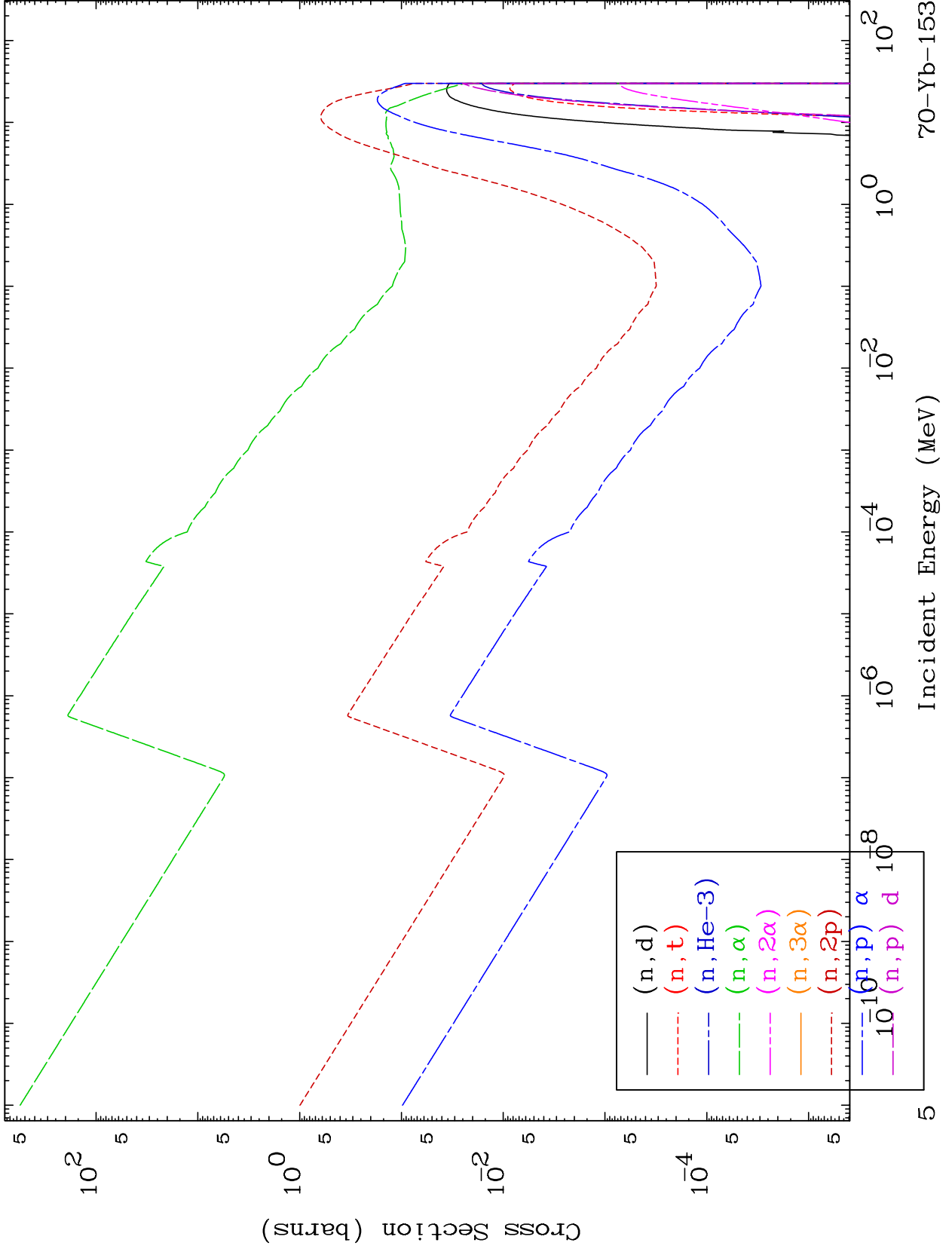




MAT 6980

Charged Particle
293 Kelvin Cross Sections

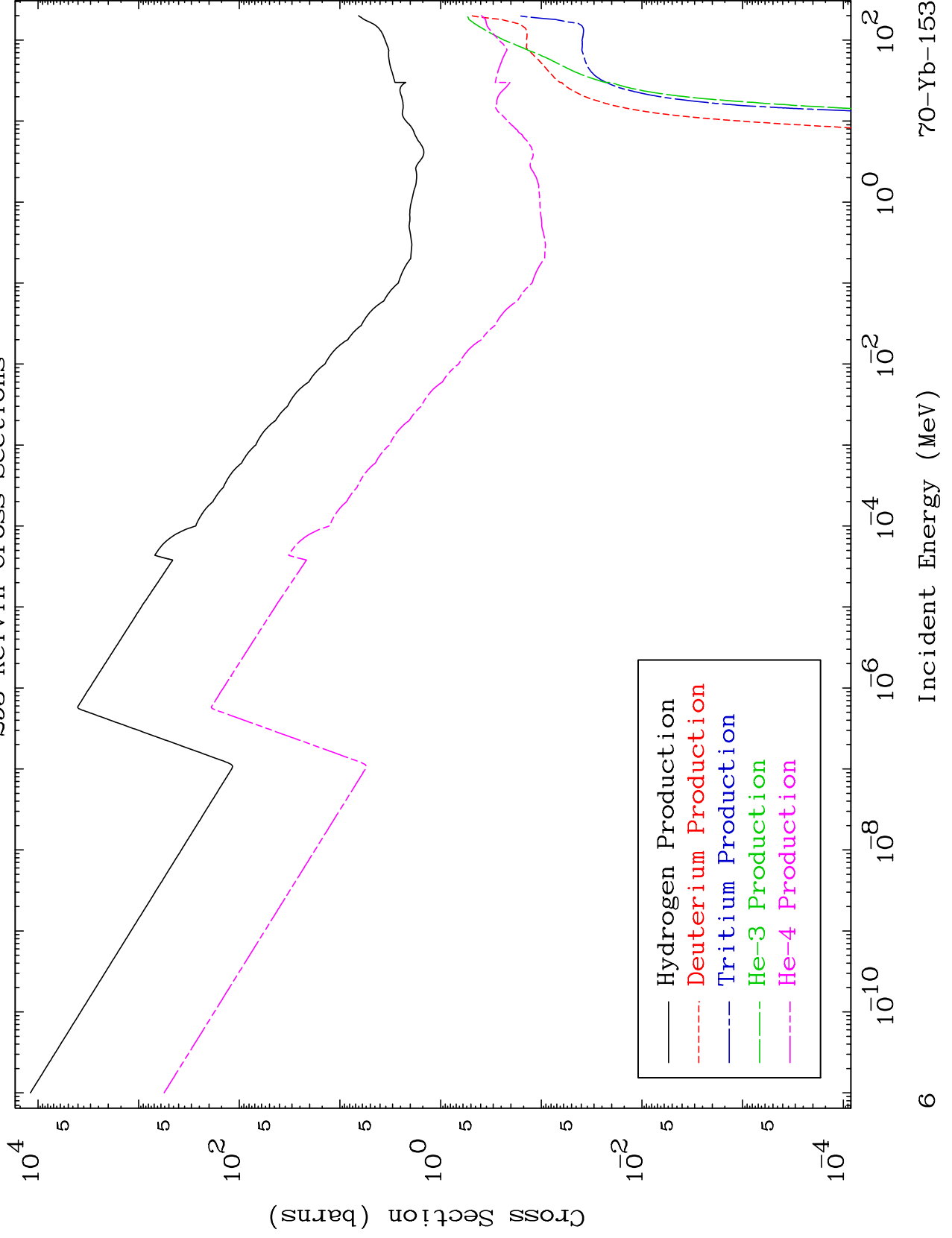
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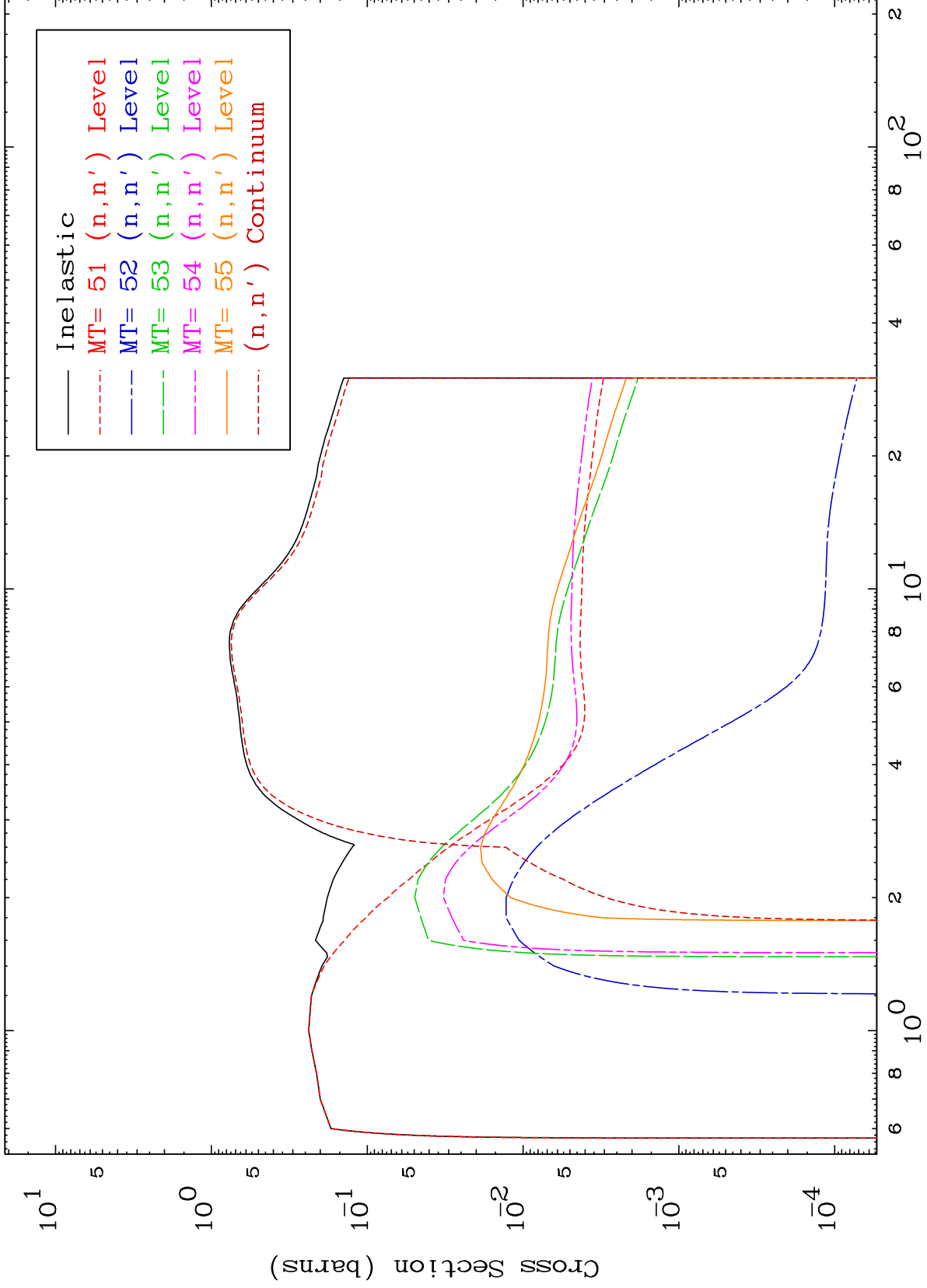
MAT 6980

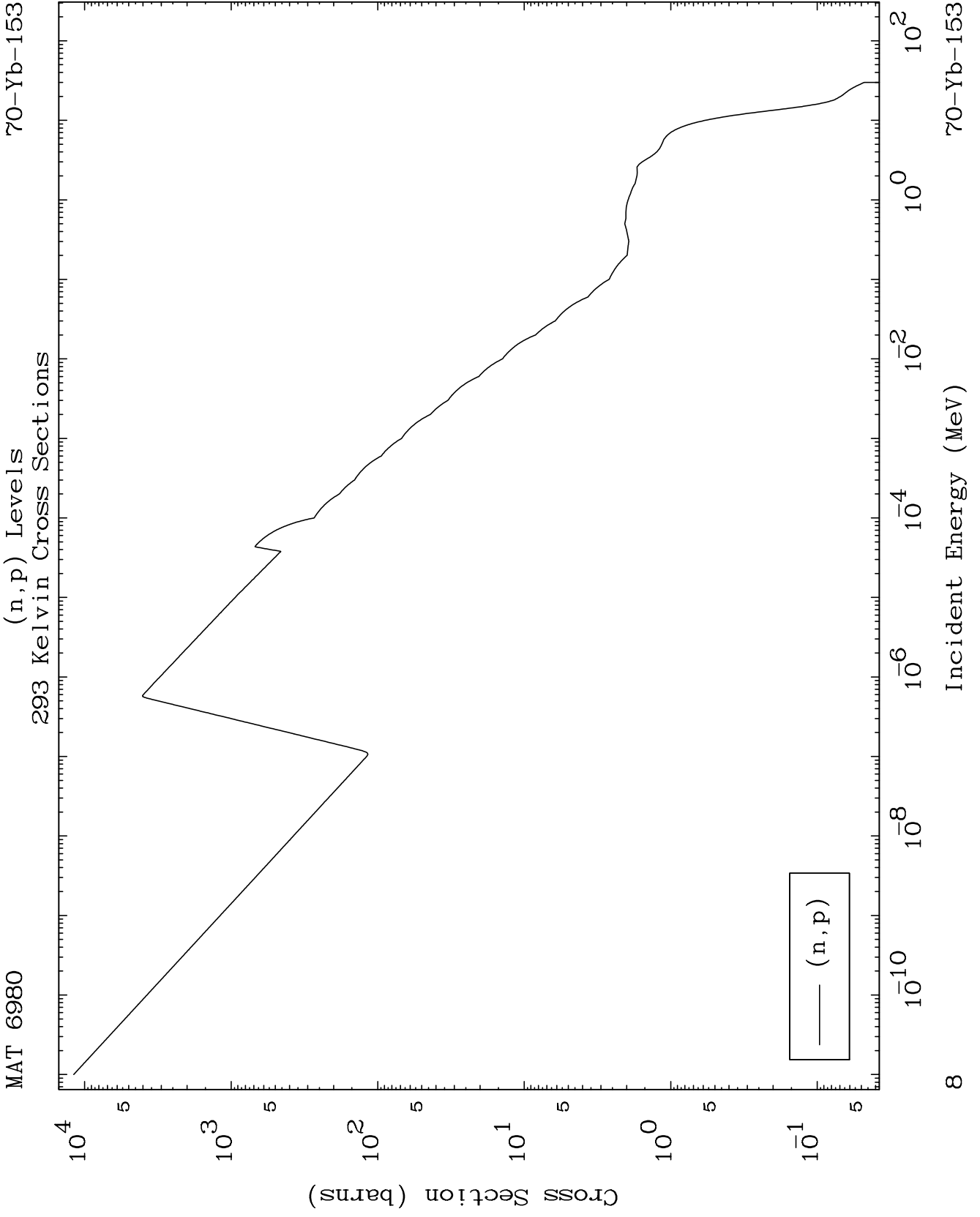
Particle Production
293 Kelvin Cross Sections

70-Yb-153



293 Kelvin Cross Sections

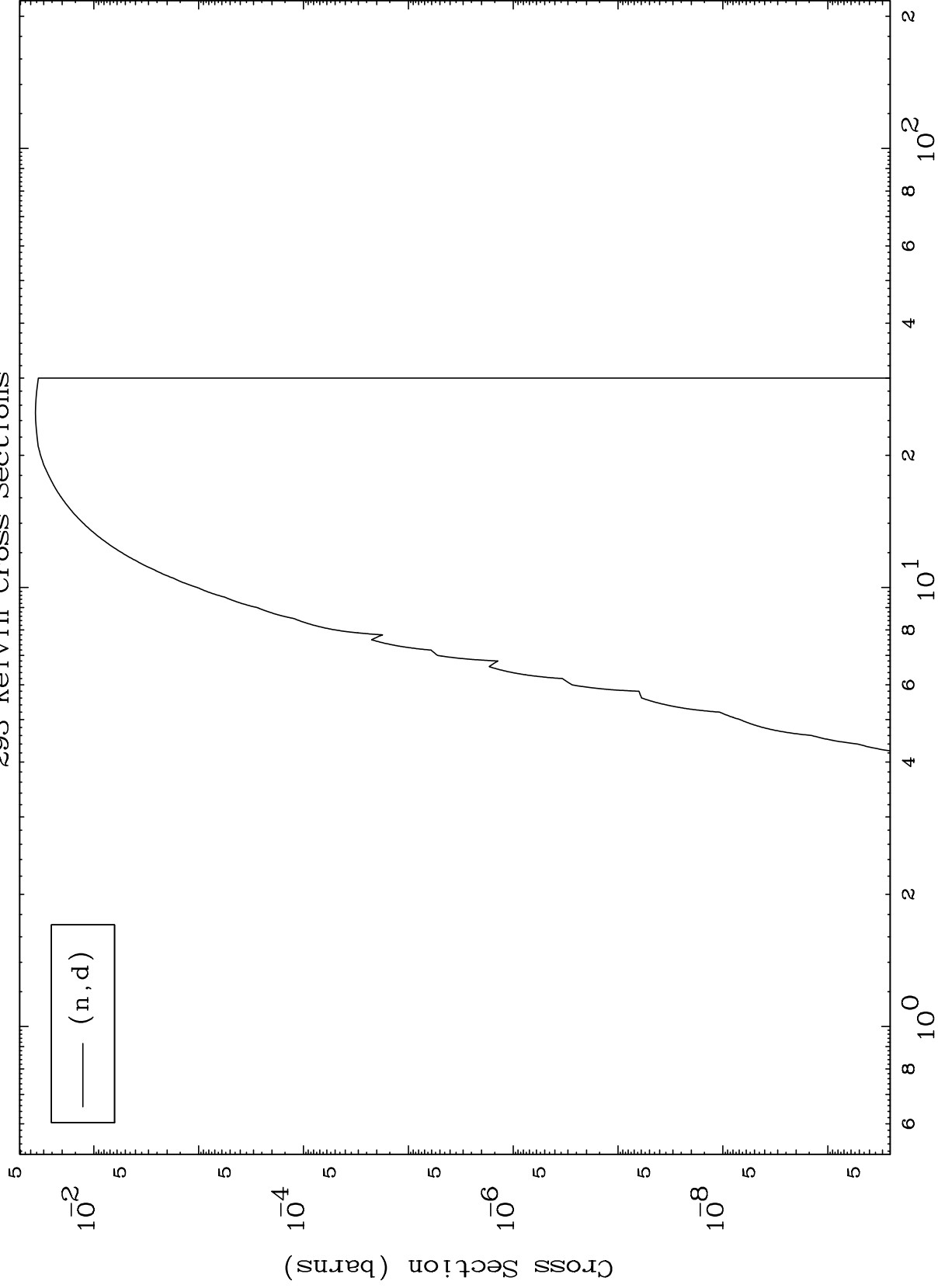




MAT 6980

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-153



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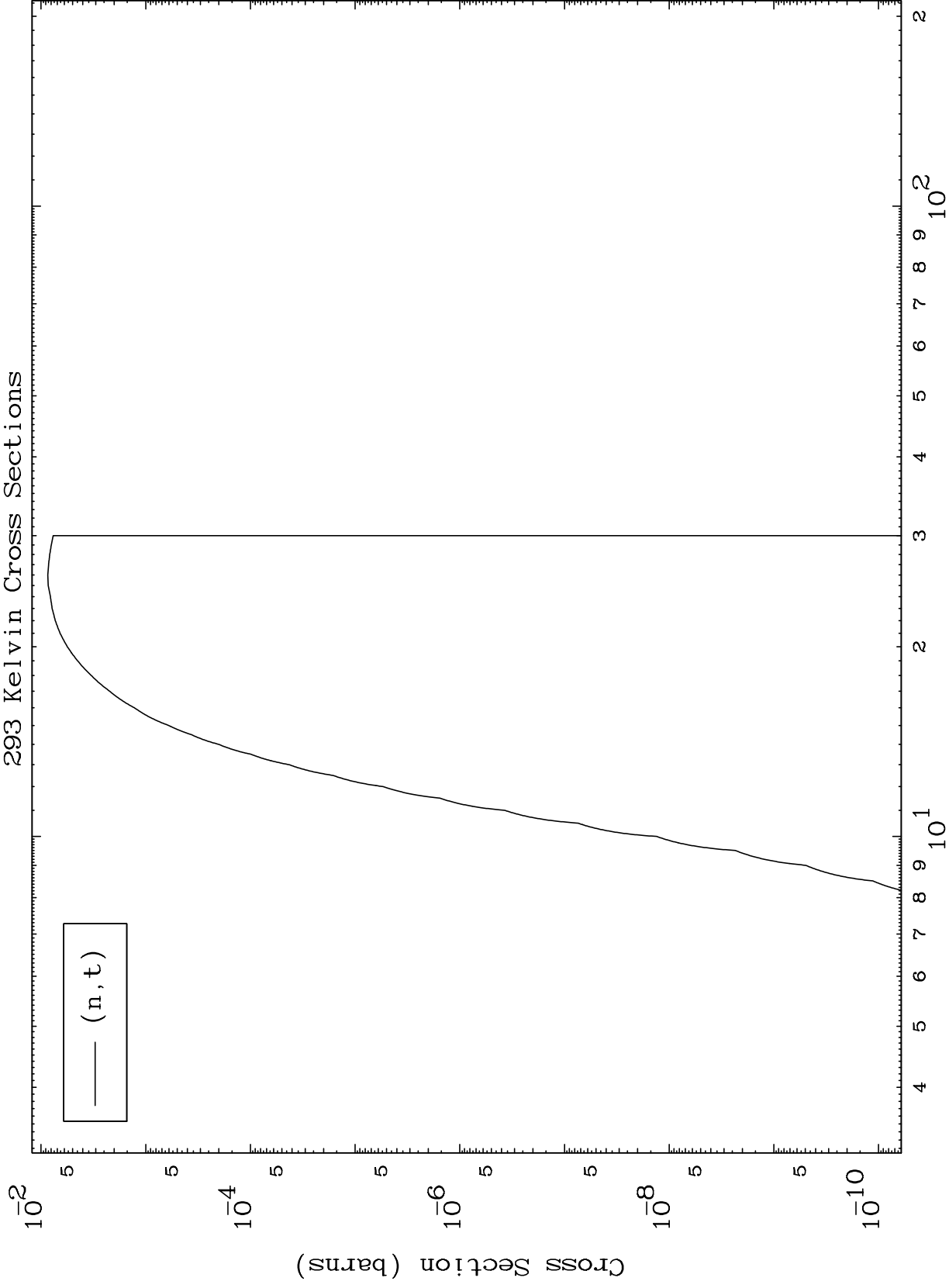
Incident Energy (MeV)

70-Yb-153

MAT 6980

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-153



10

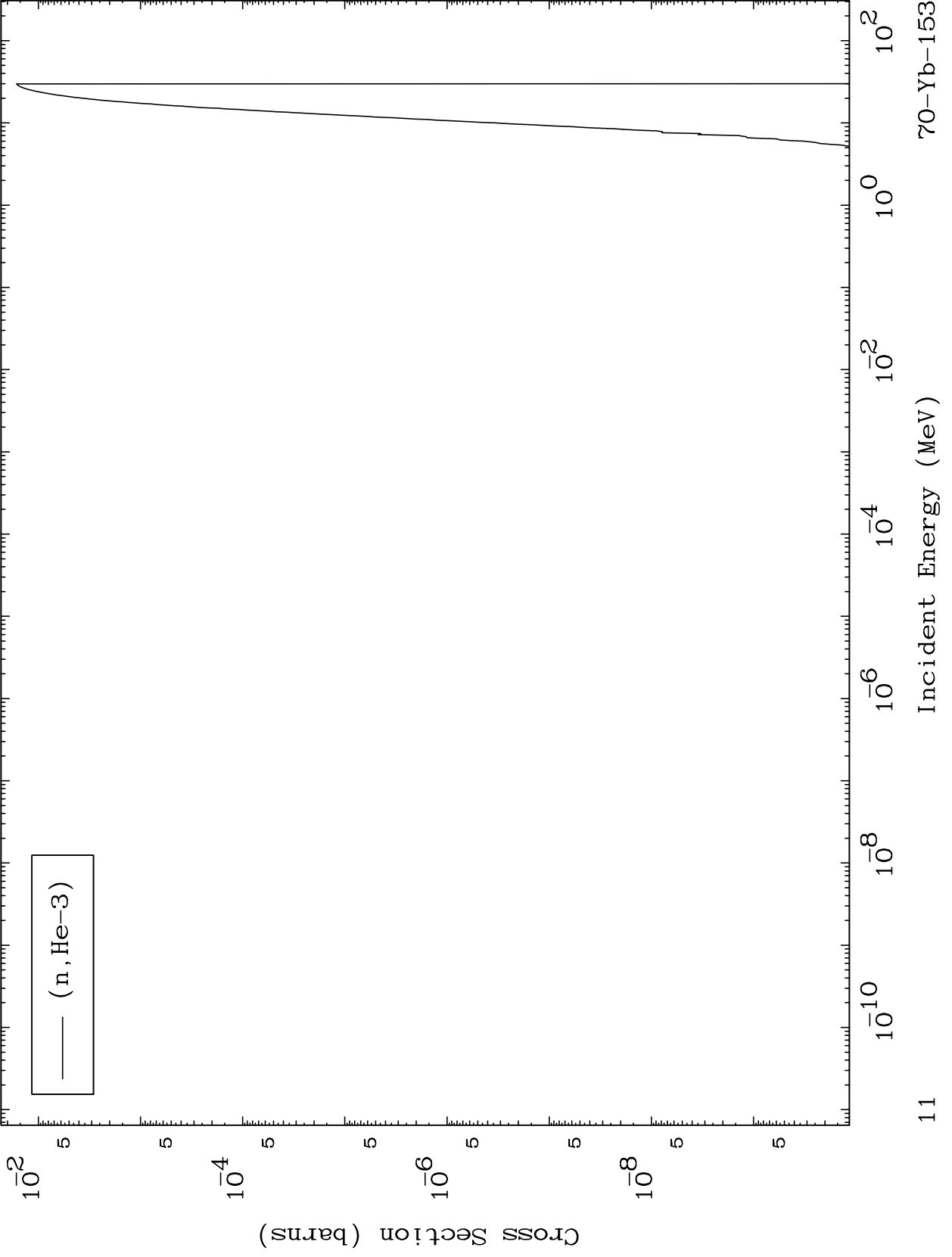
Incident Energy (MeV)

70-Yb-153

MAT 6980

(n,He3) Levels
293 Kelvin Cross Sections

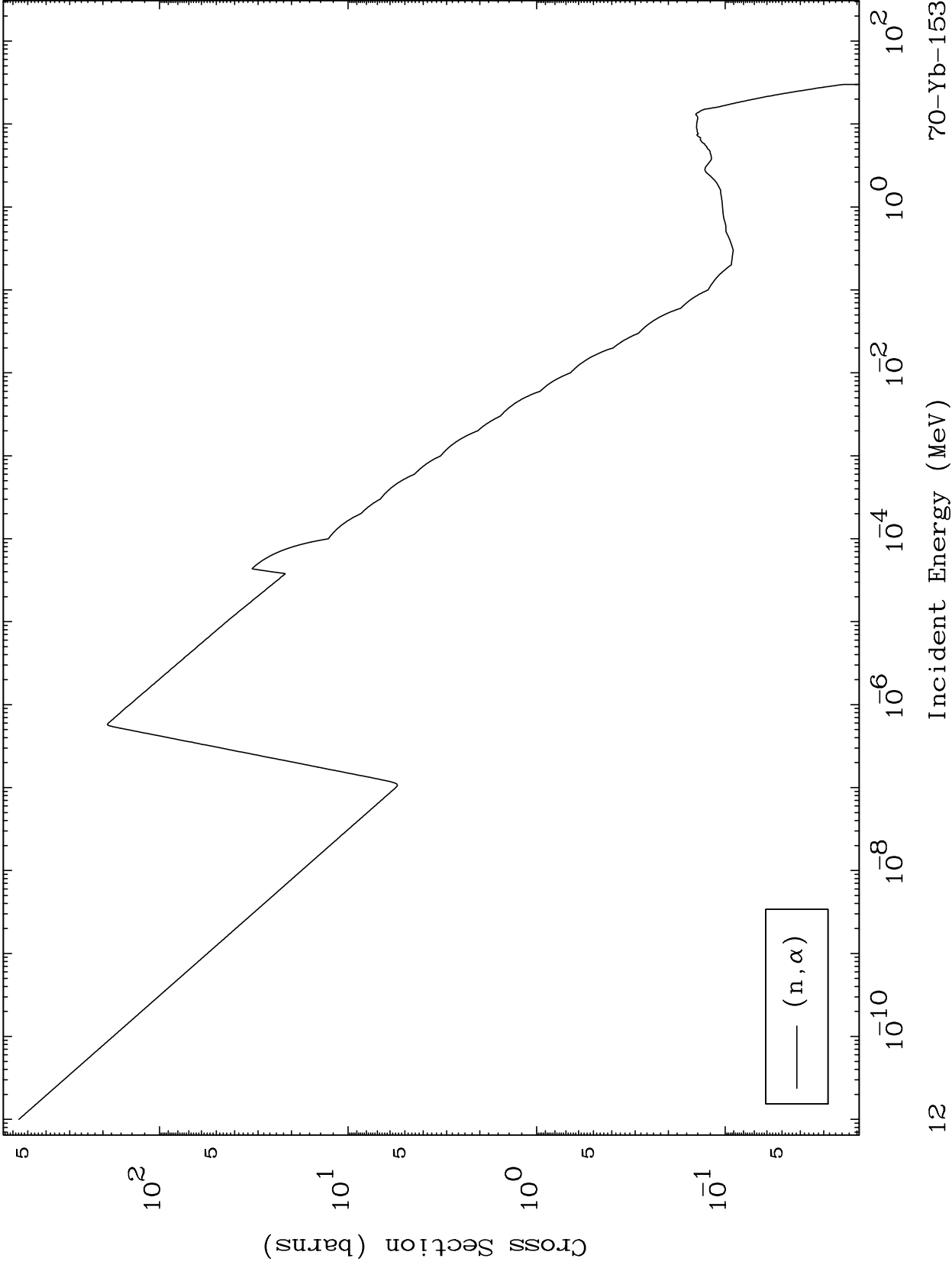
70-Yb-153



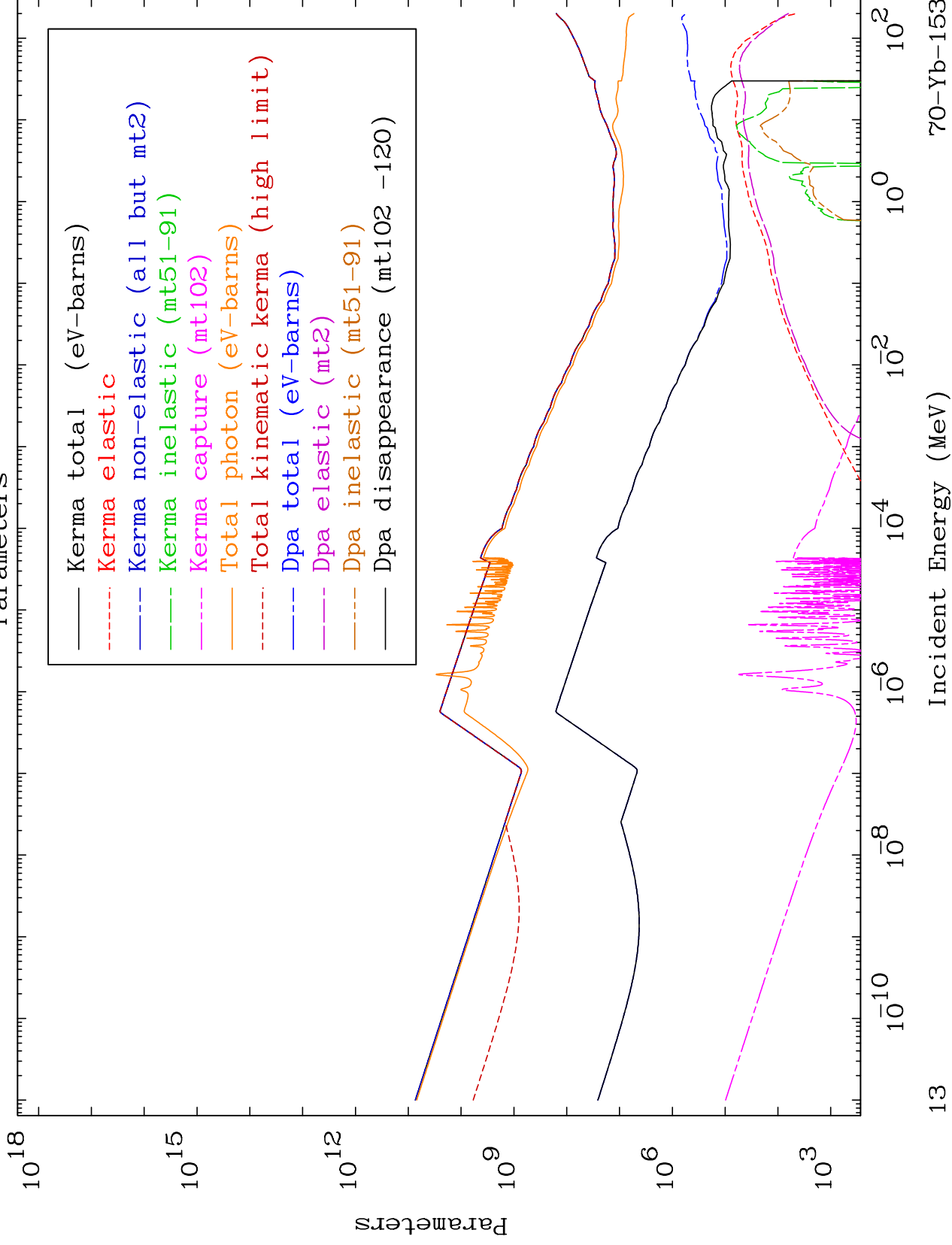
MAT 6980

(n,α) Levels
293 Kelvin Cross Sections

70-Yb-153



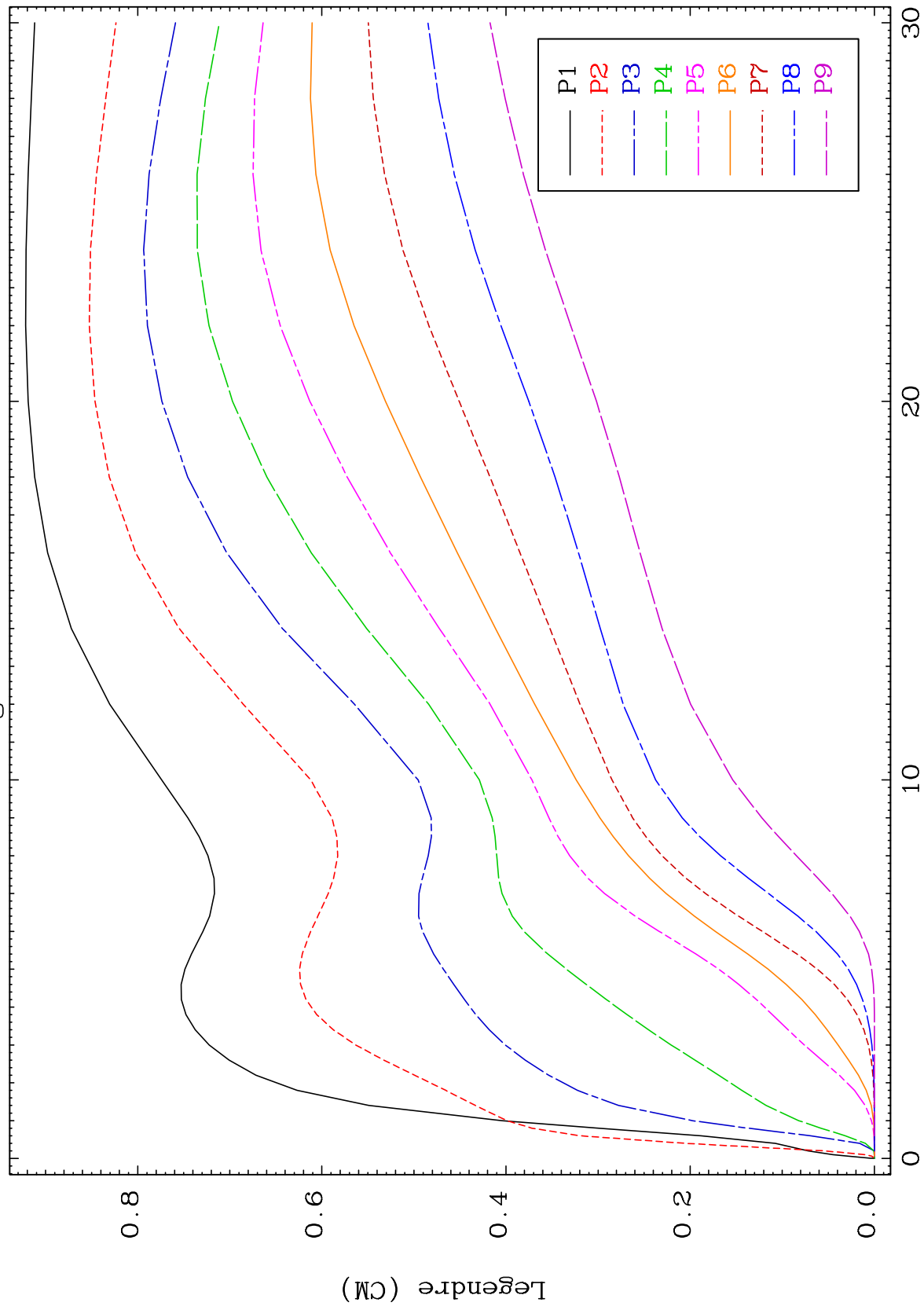
(n,α)



MAT 6980

Elastic Legendre Coefficients

70-Yb-153



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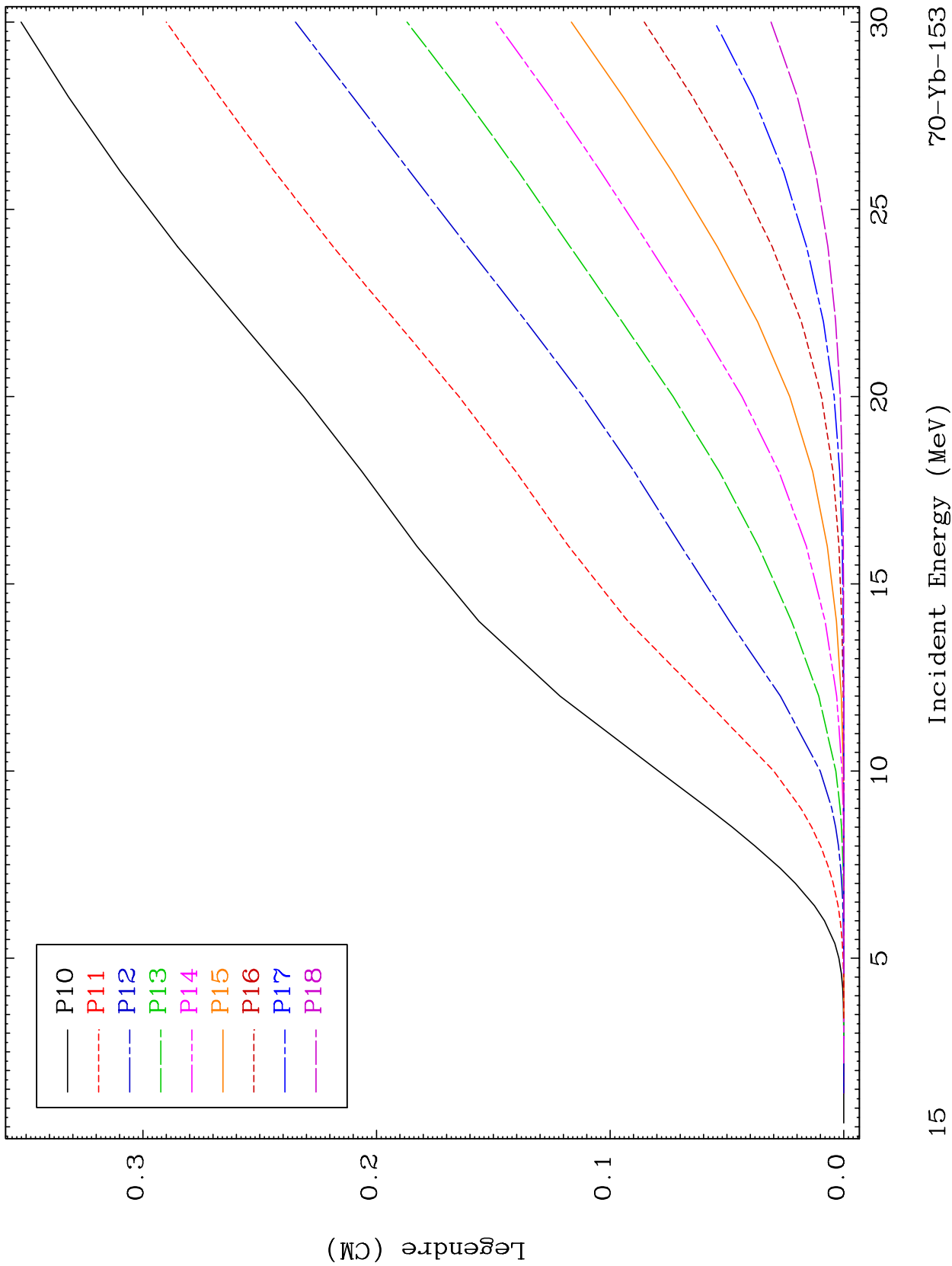
Incident Energy (MeV)

70-Yb-153

MAT 6980

Elastic Legendre Coefficients

70-Yb-153



15

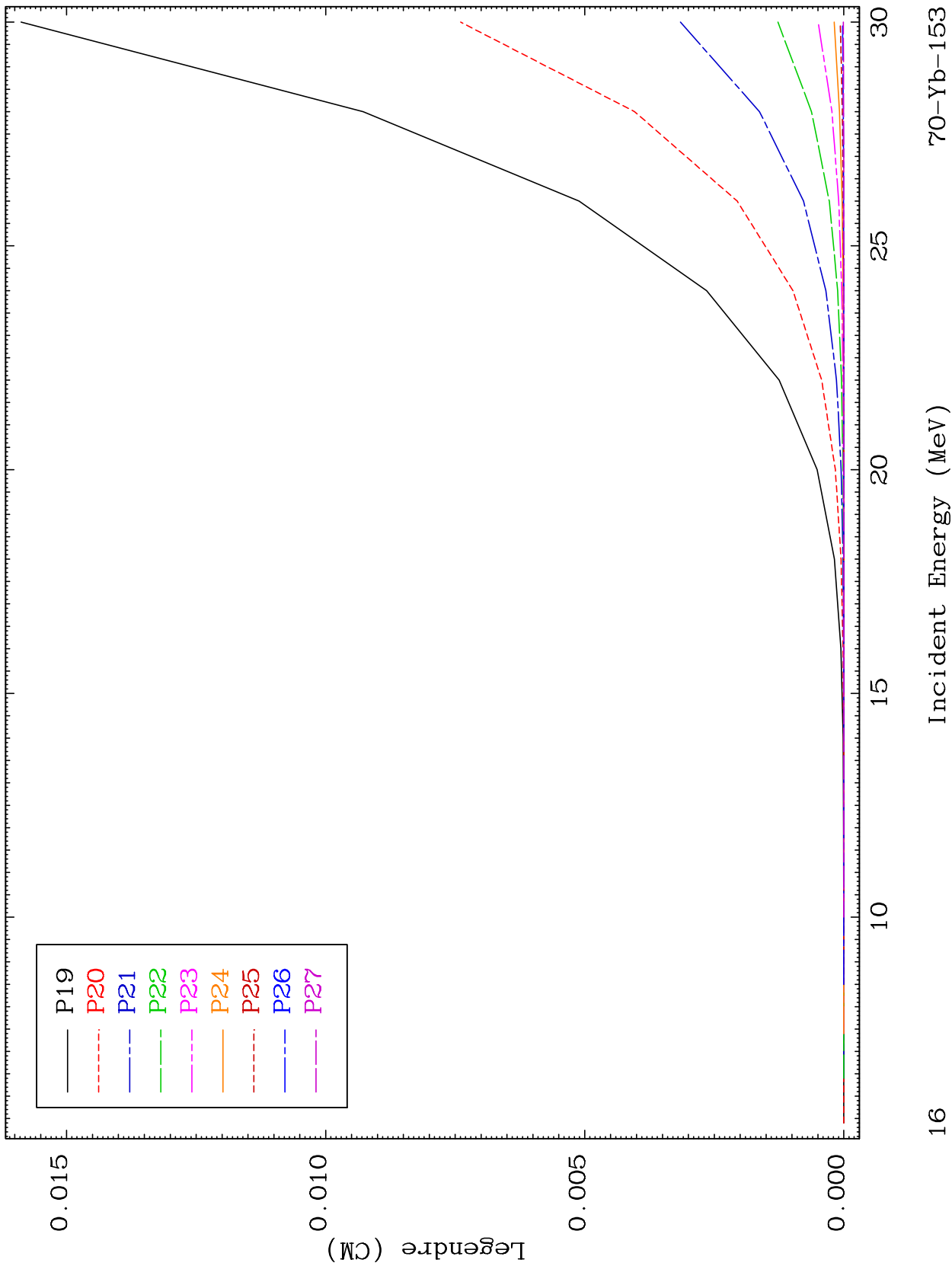
Incident Energy (MeV)

70-Yb-153

MAT 6980

Elastic Legendre Coefficients

70-Yb-153

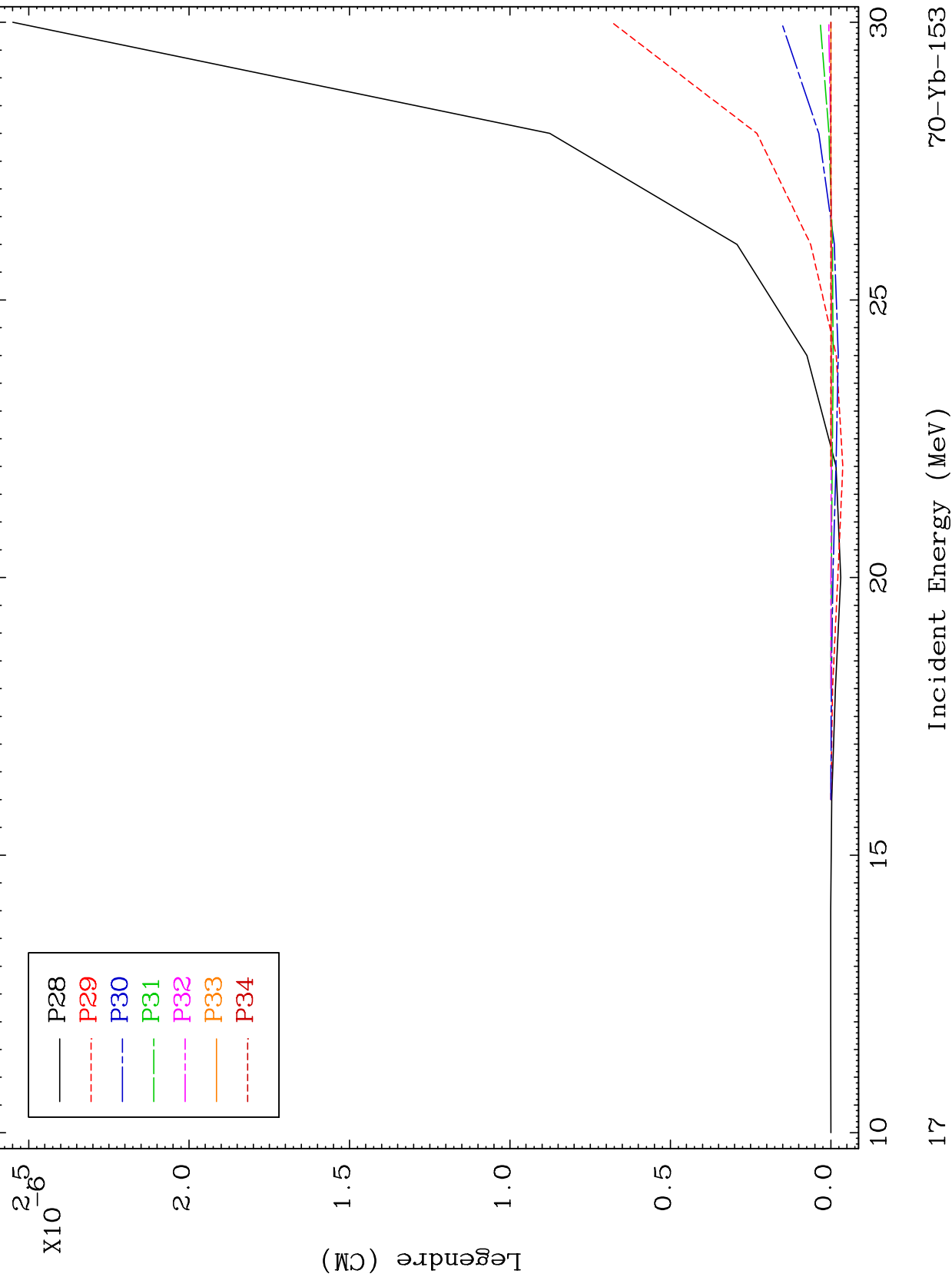


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MAT 6980

Elastic
Legendre Coefficients

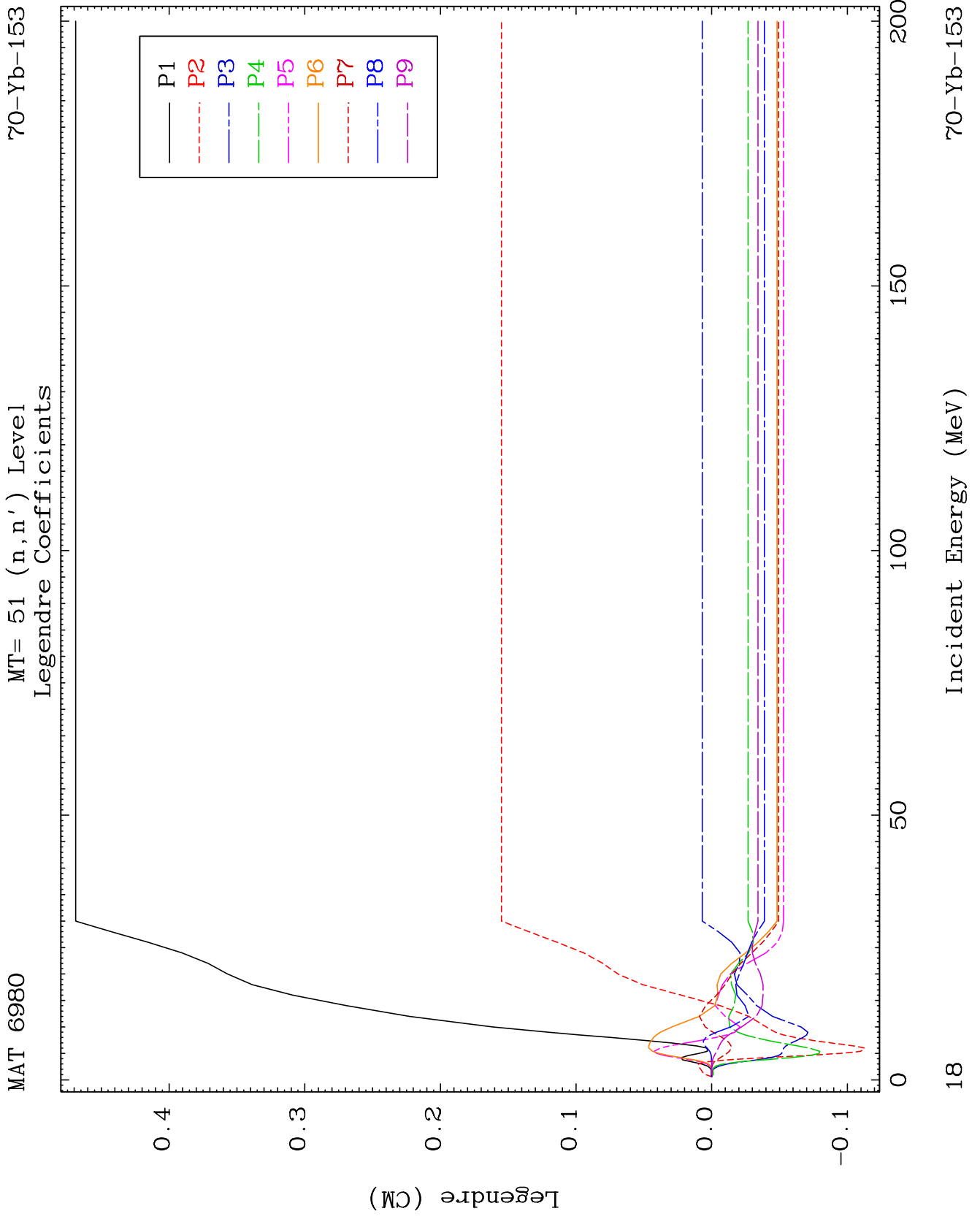
70-Yb-153



17

Incident Energy (MeV)

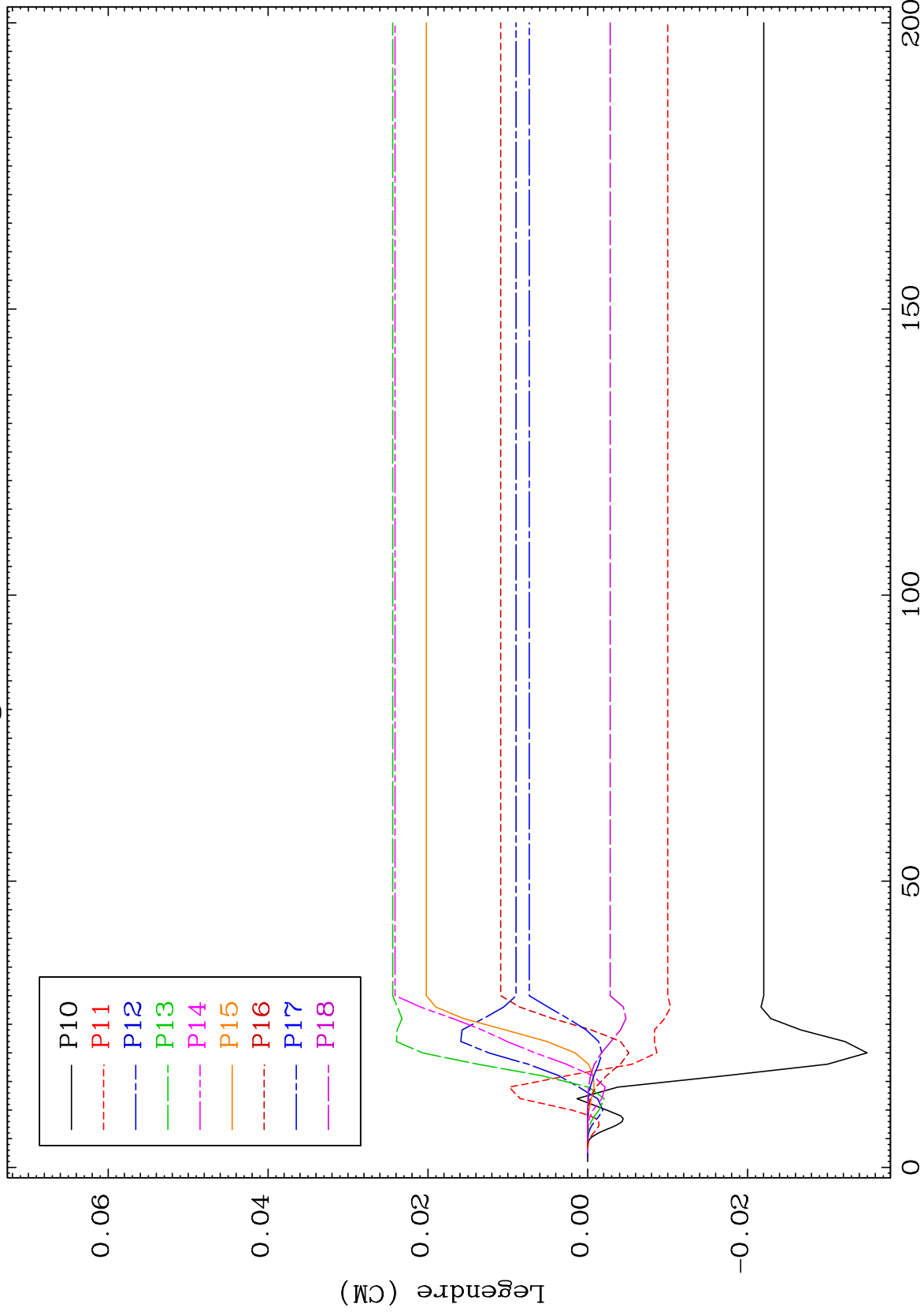
70-Yb-153



MAT 6980

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

70-Yb-153



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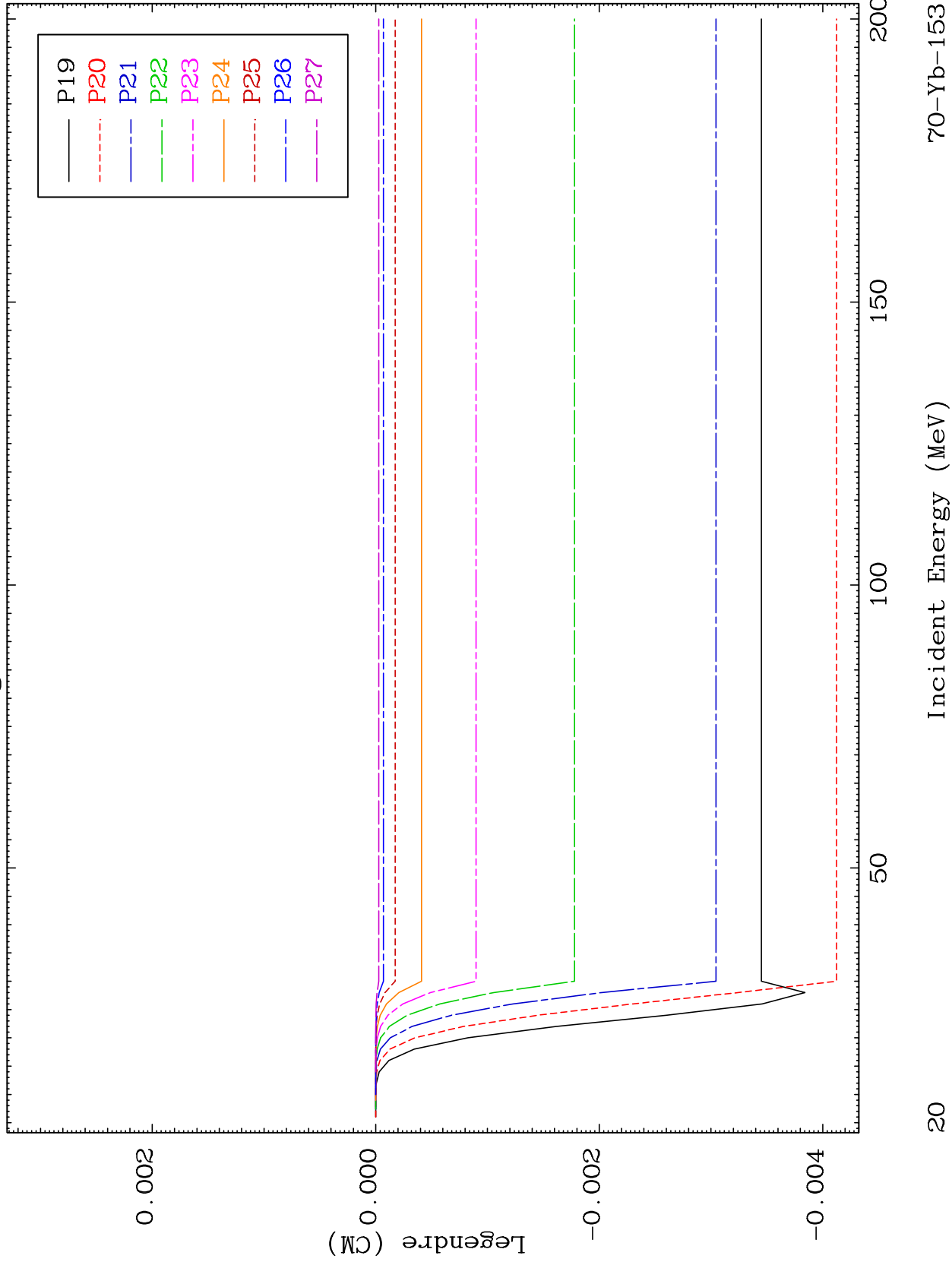
Incident Energy (MeV)

70-Yb-153

MAT 6980

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

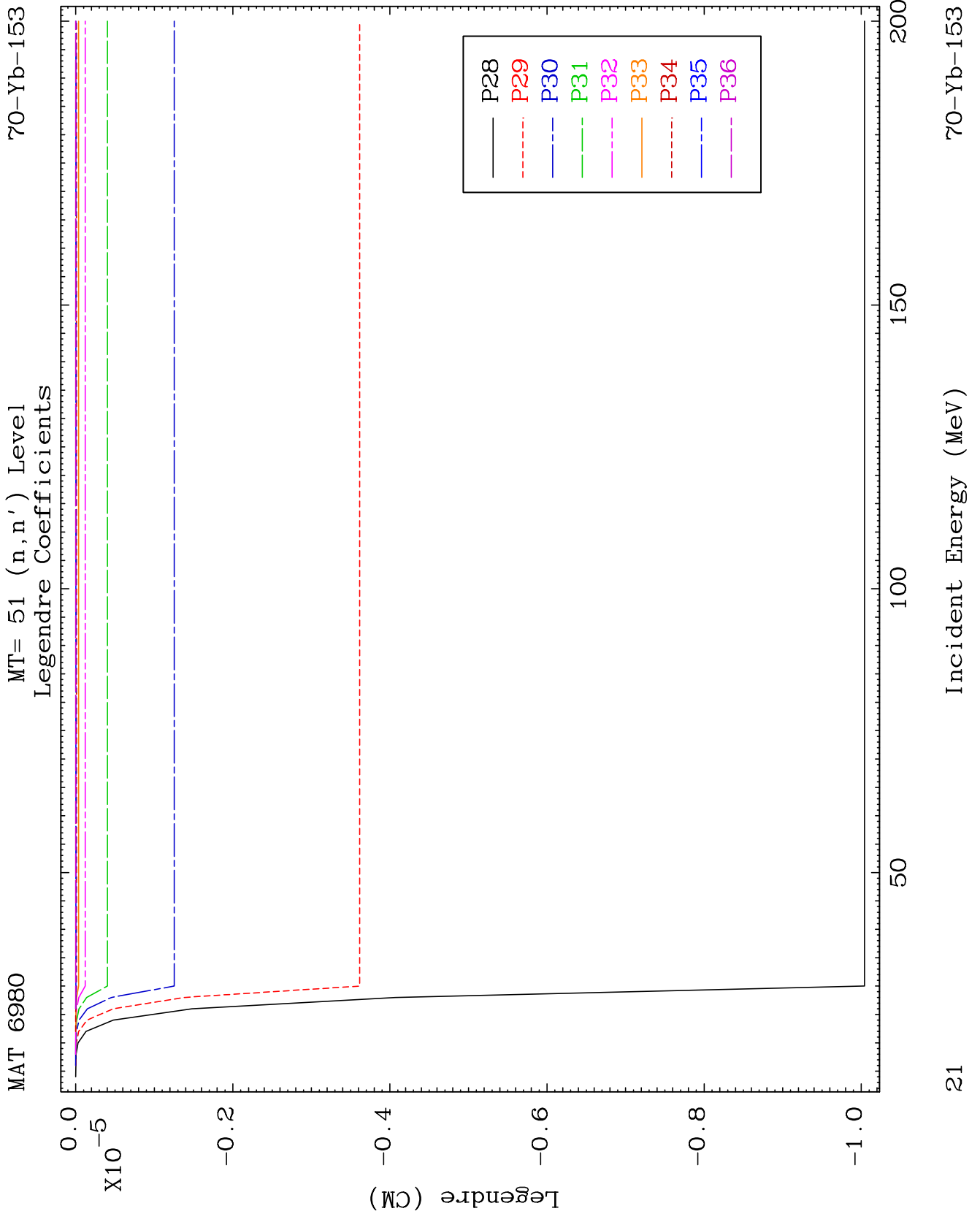
70-Yb-153

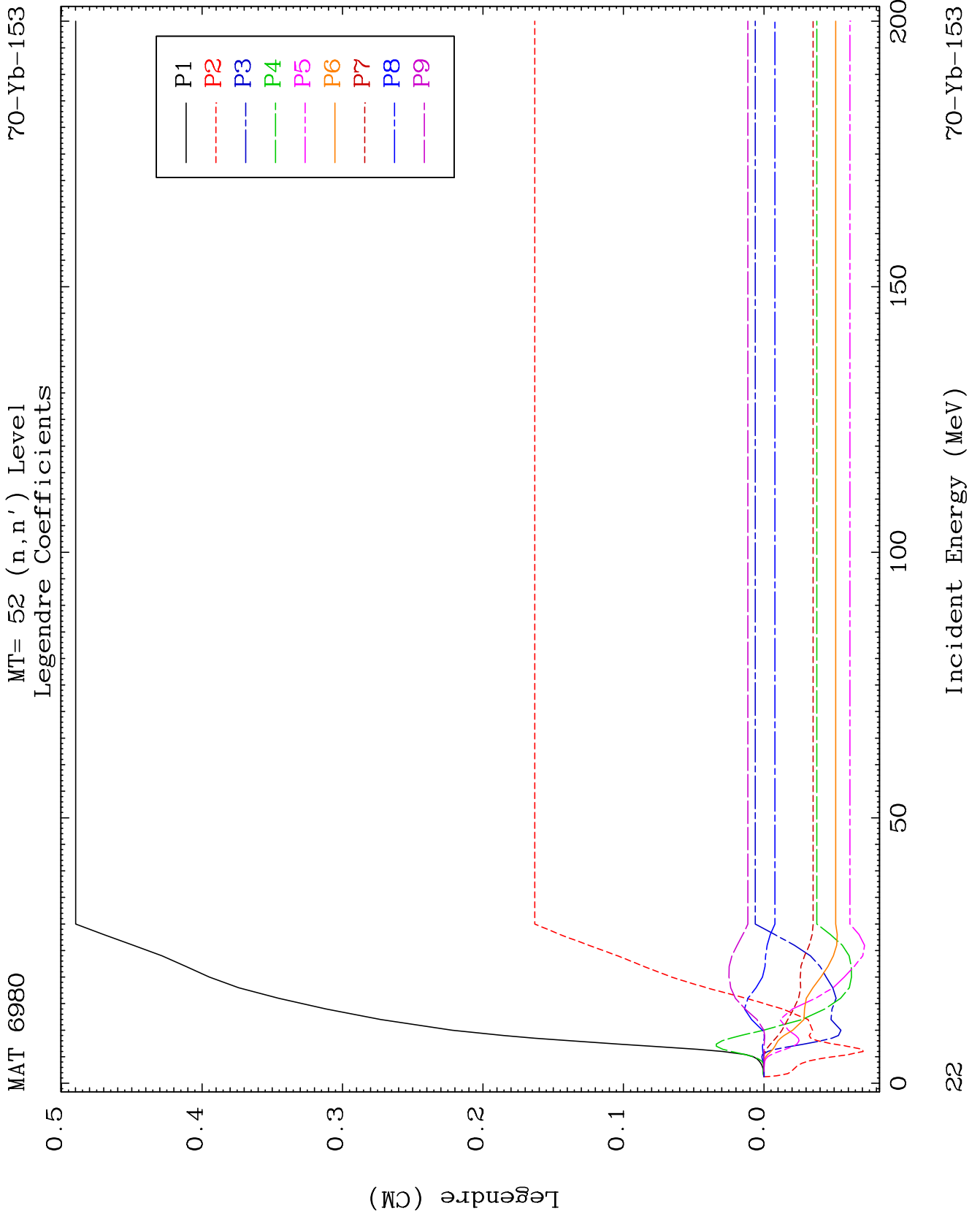


70-Yb-153

Incident Energy (MeV)

20

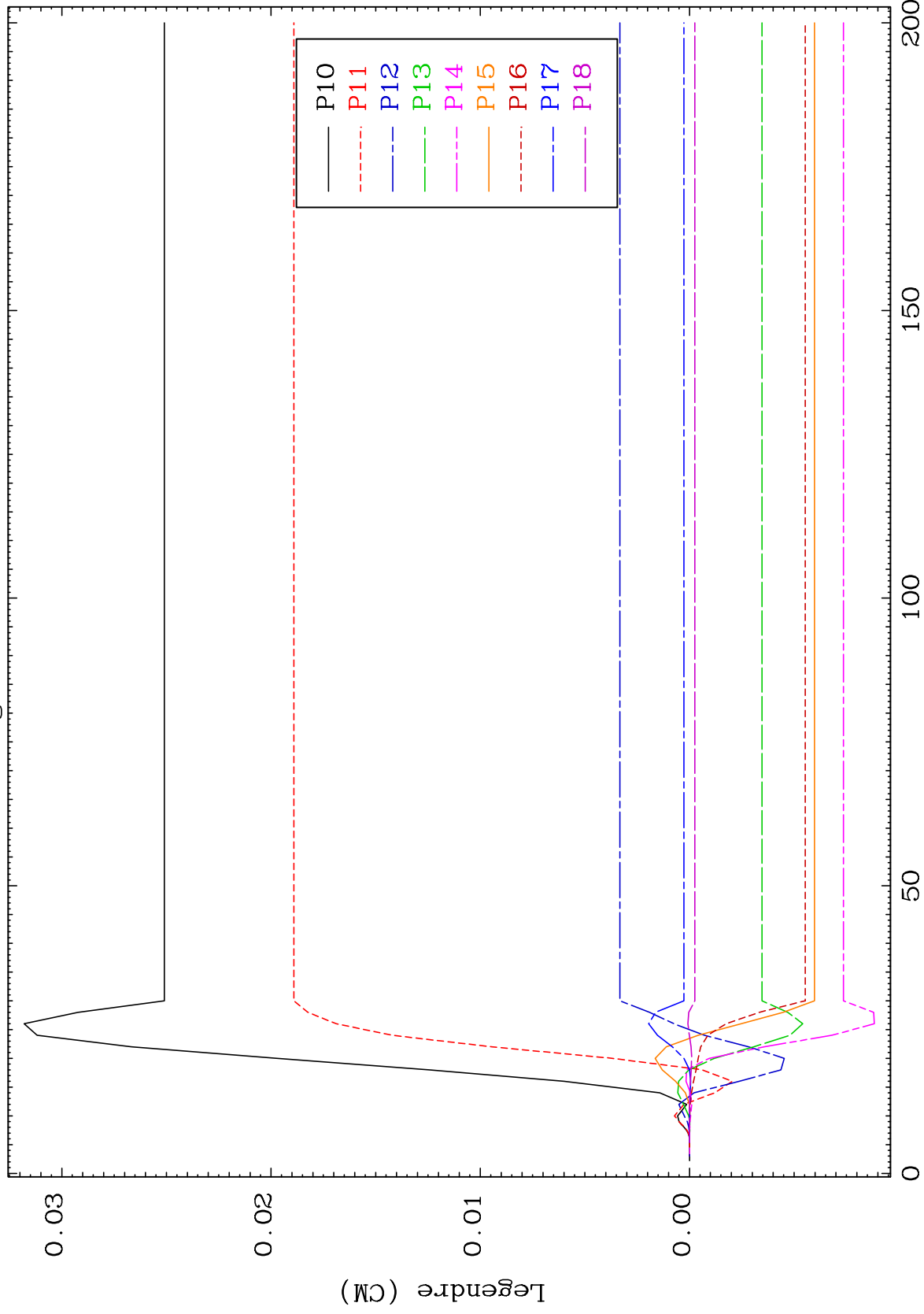




MAT 6980

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

70-Yb-153



23

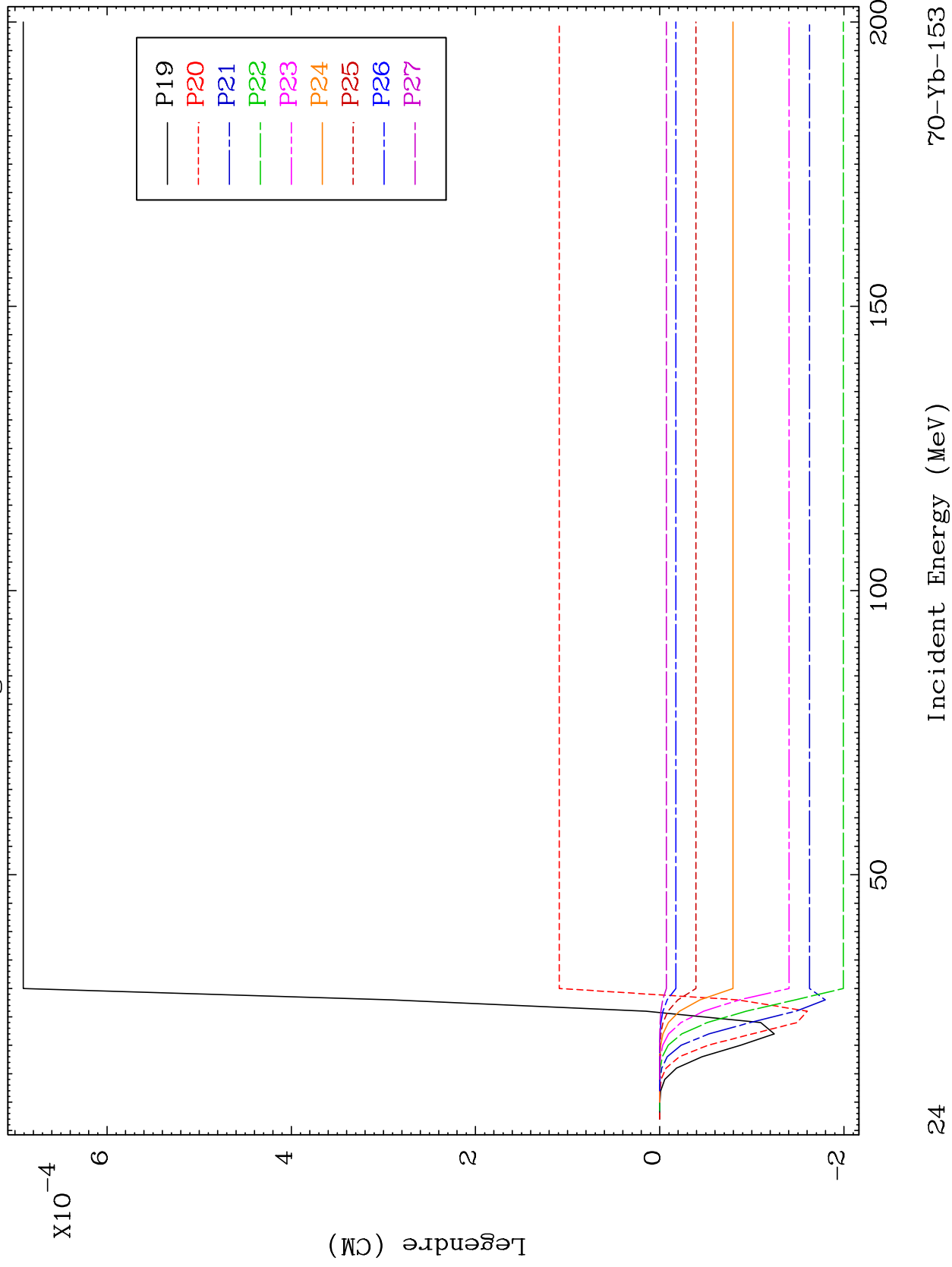
Incident Energy (MeV)

70-Yb-153

MAT 6980

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

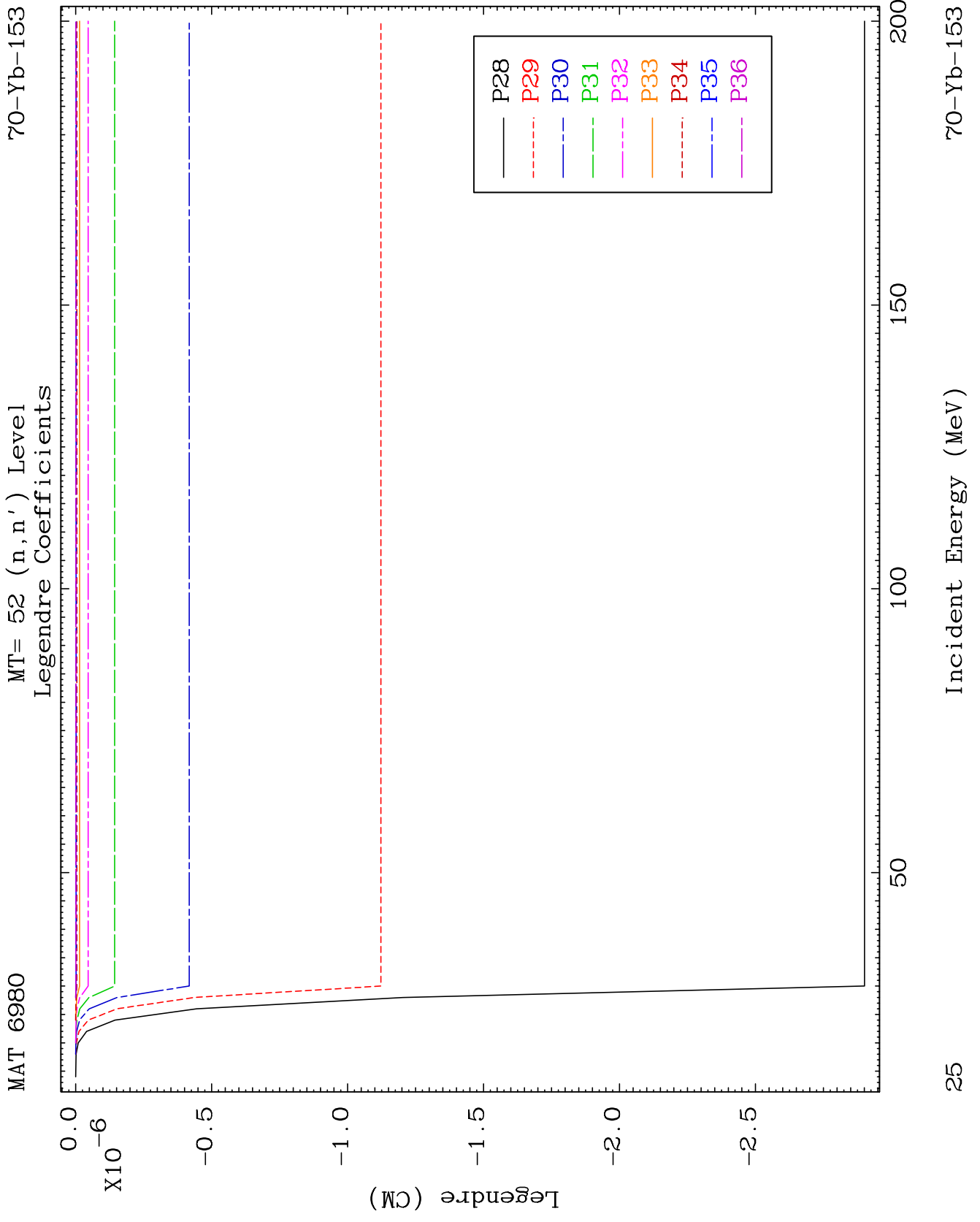
70-Yb-153



24

Incident Energy (MeV)

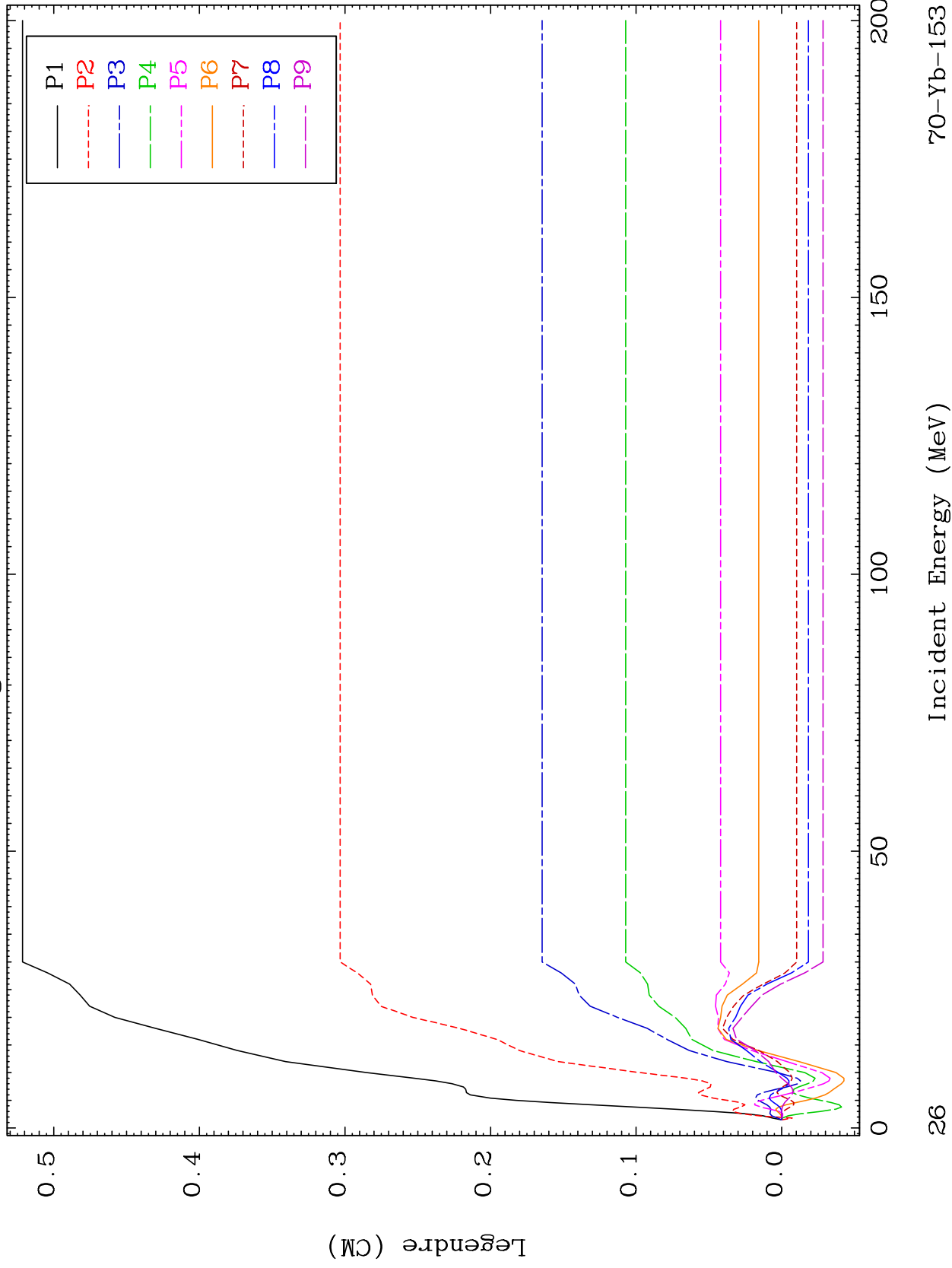
70-Yb-153



MAT 6980

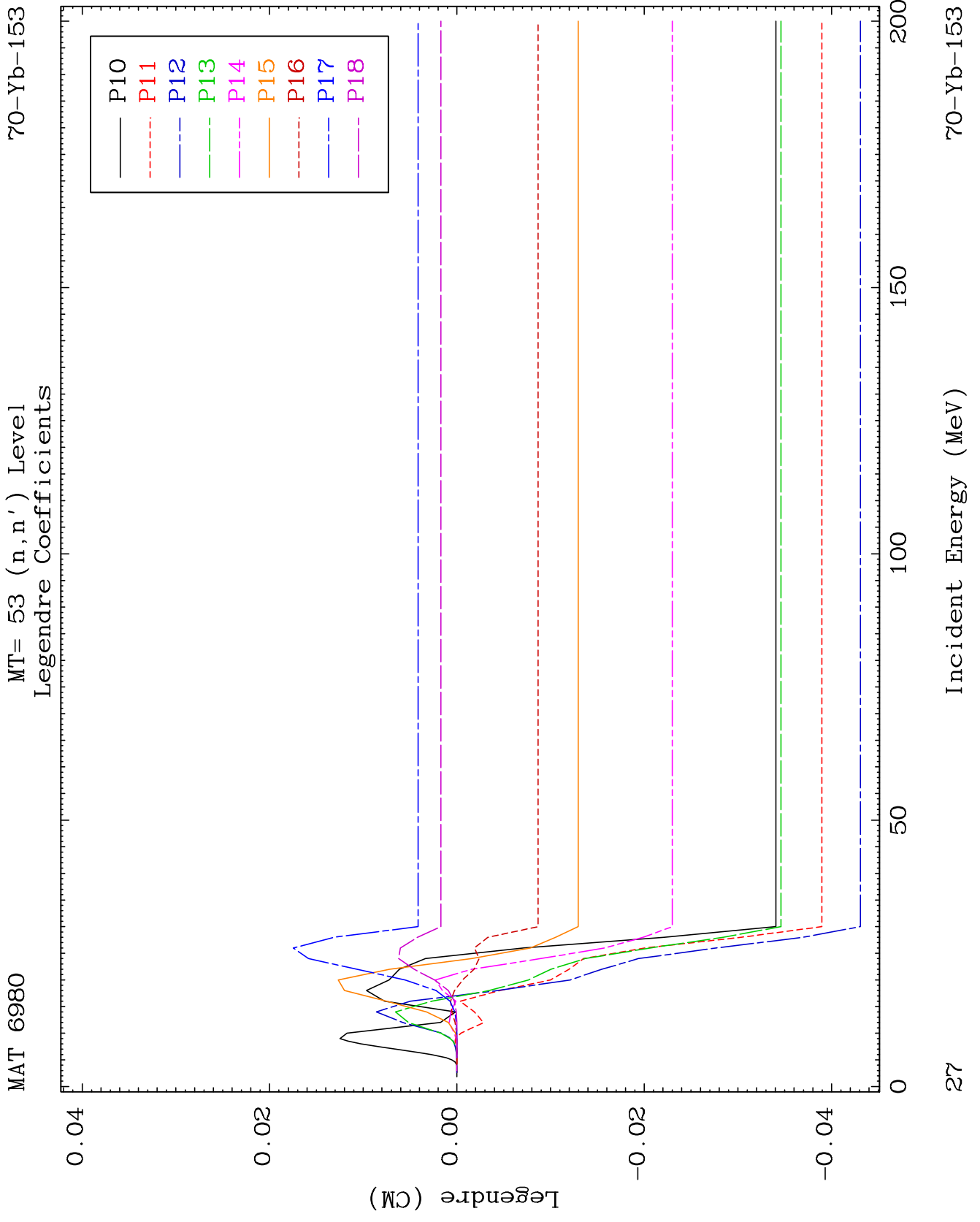
MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-153



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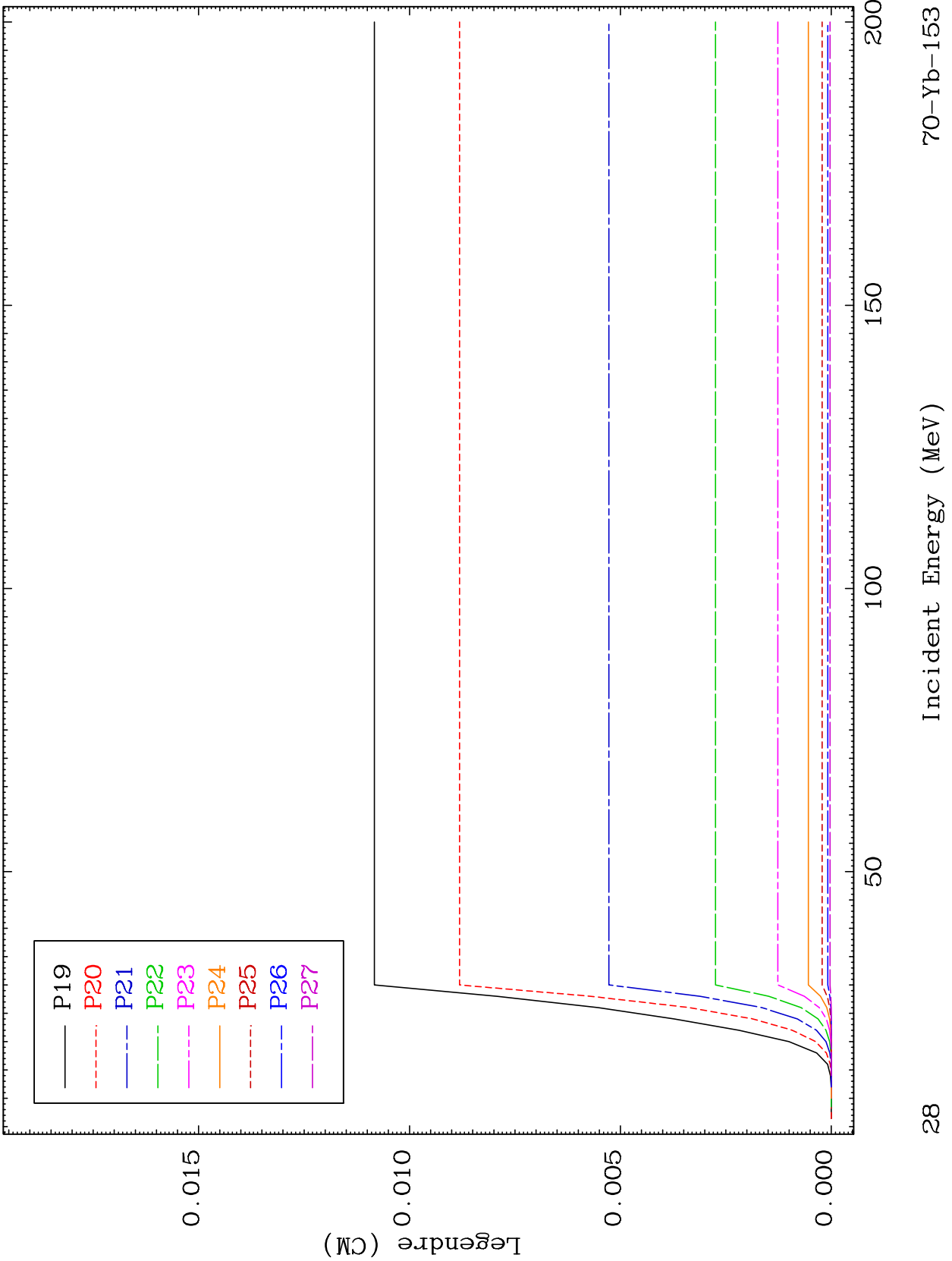
70-Yb-153



MAT 6980

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

70-Yb-153



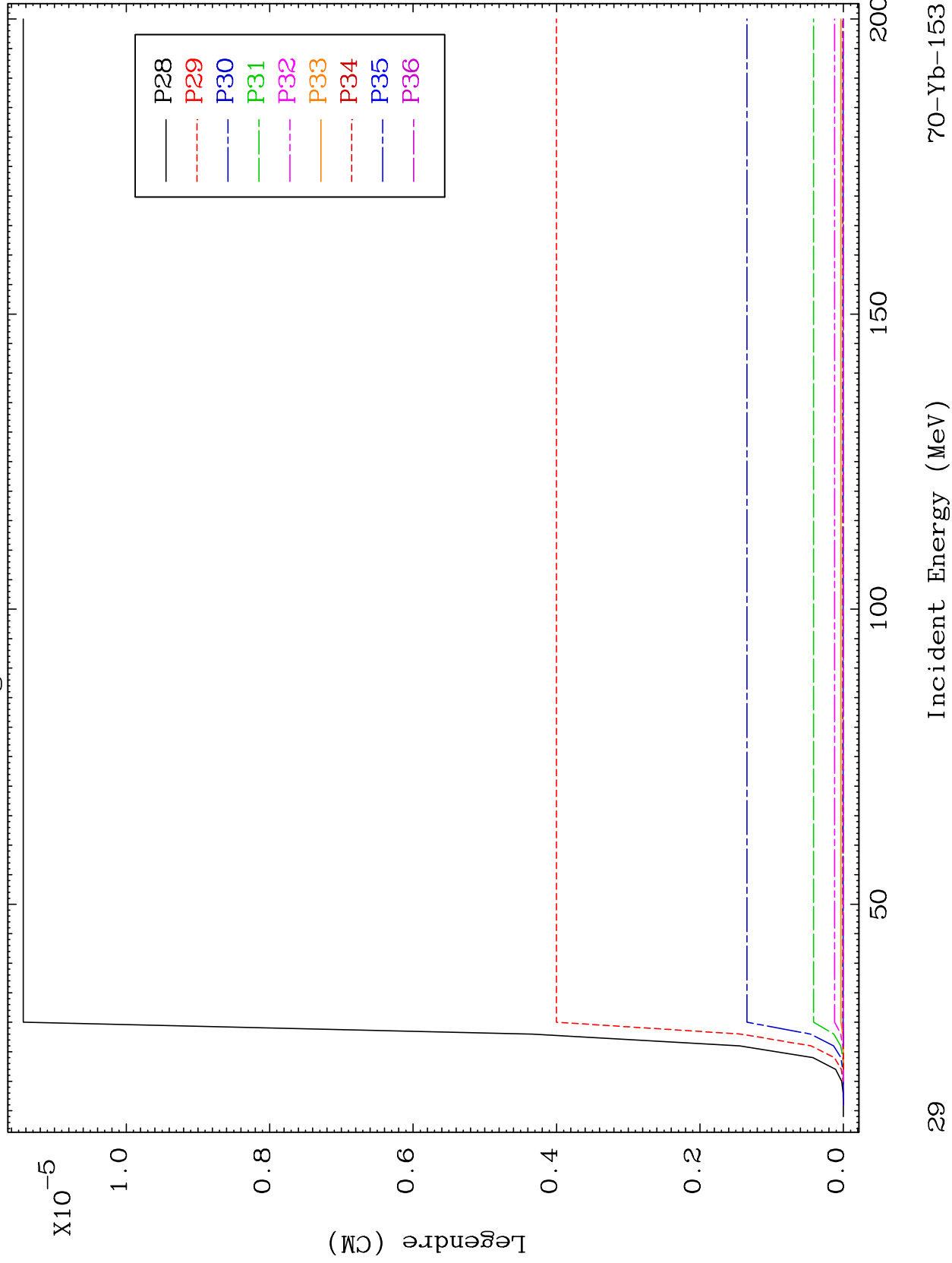
28

70-Yb-153

MAT 6980

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

70-Yb-153



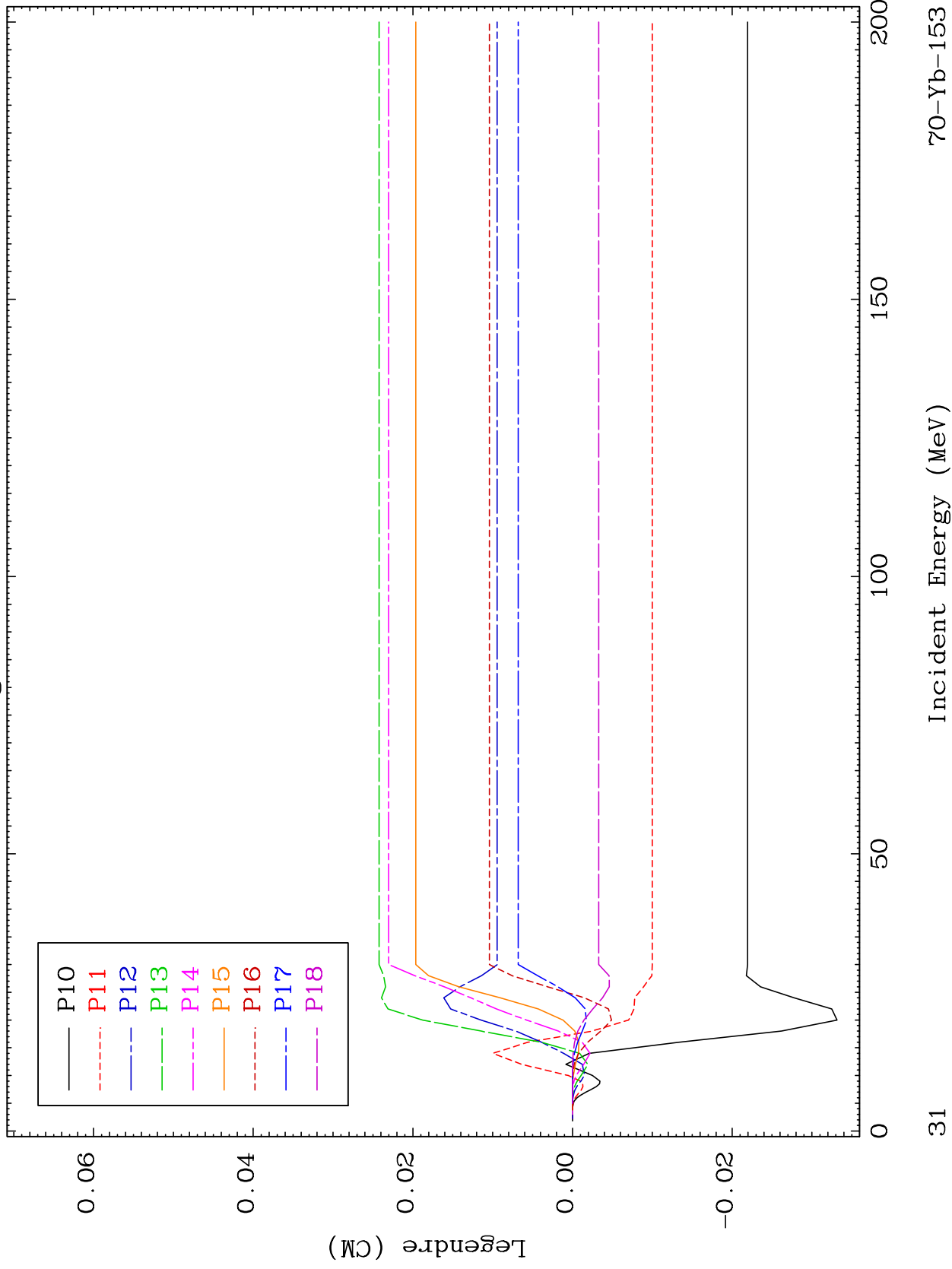
29

70-Yb-153

MAT 6980

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

70-Yb-153



31

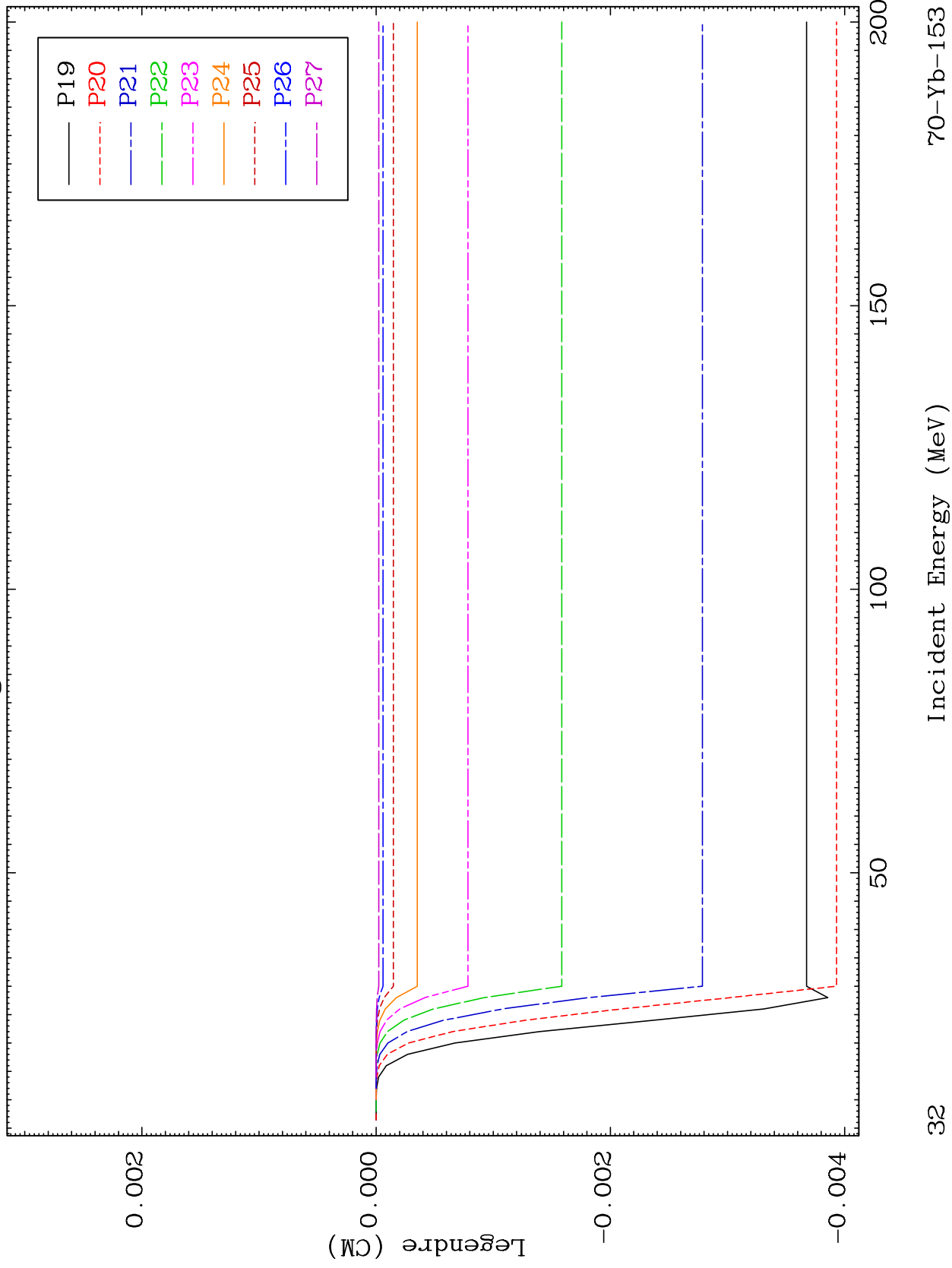
Incident Energy (MeV)

70-Yb-153

MAT 6980

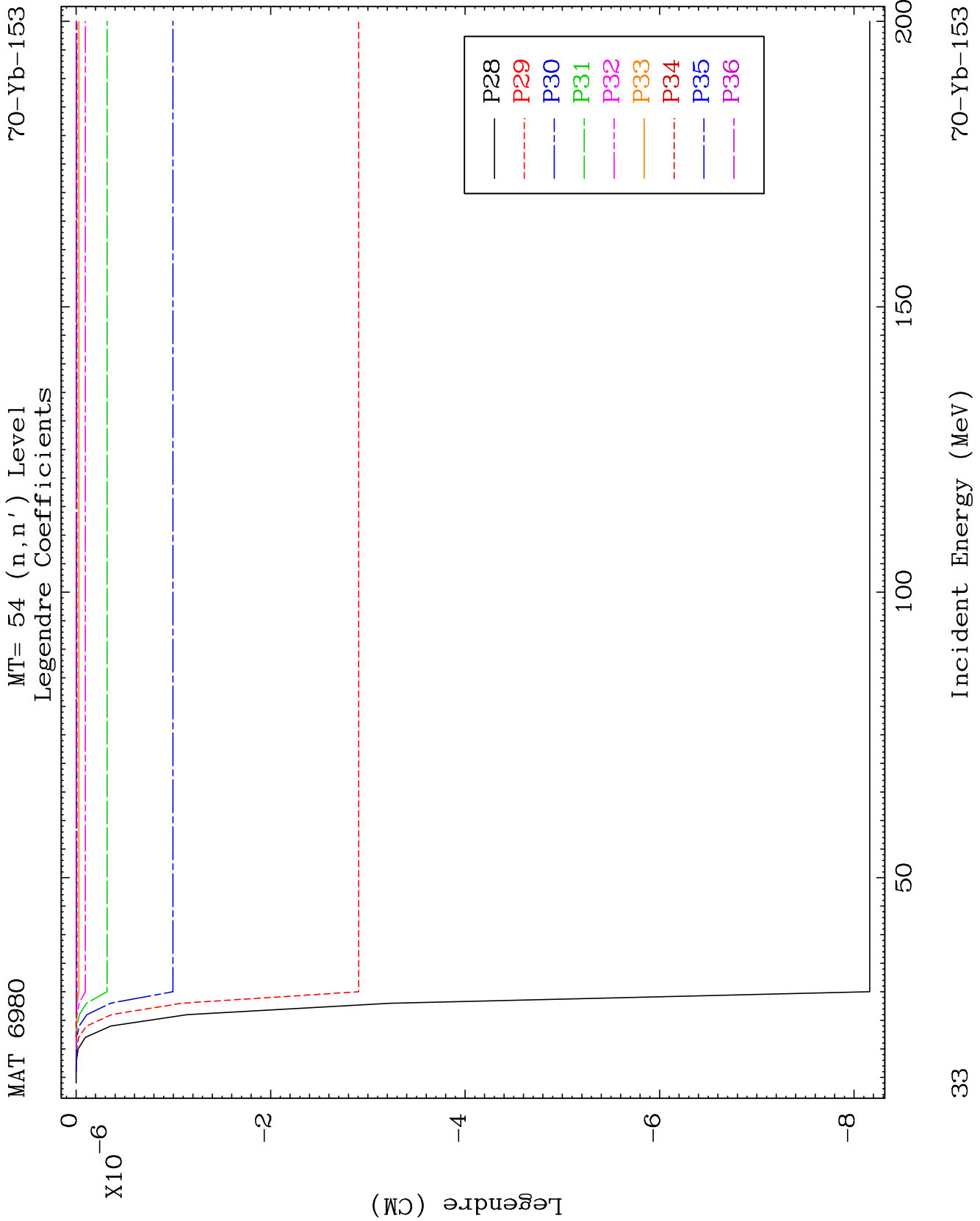
MT= 54 (n,n') Level
Legendre Coefficients

70-Yb-153



32

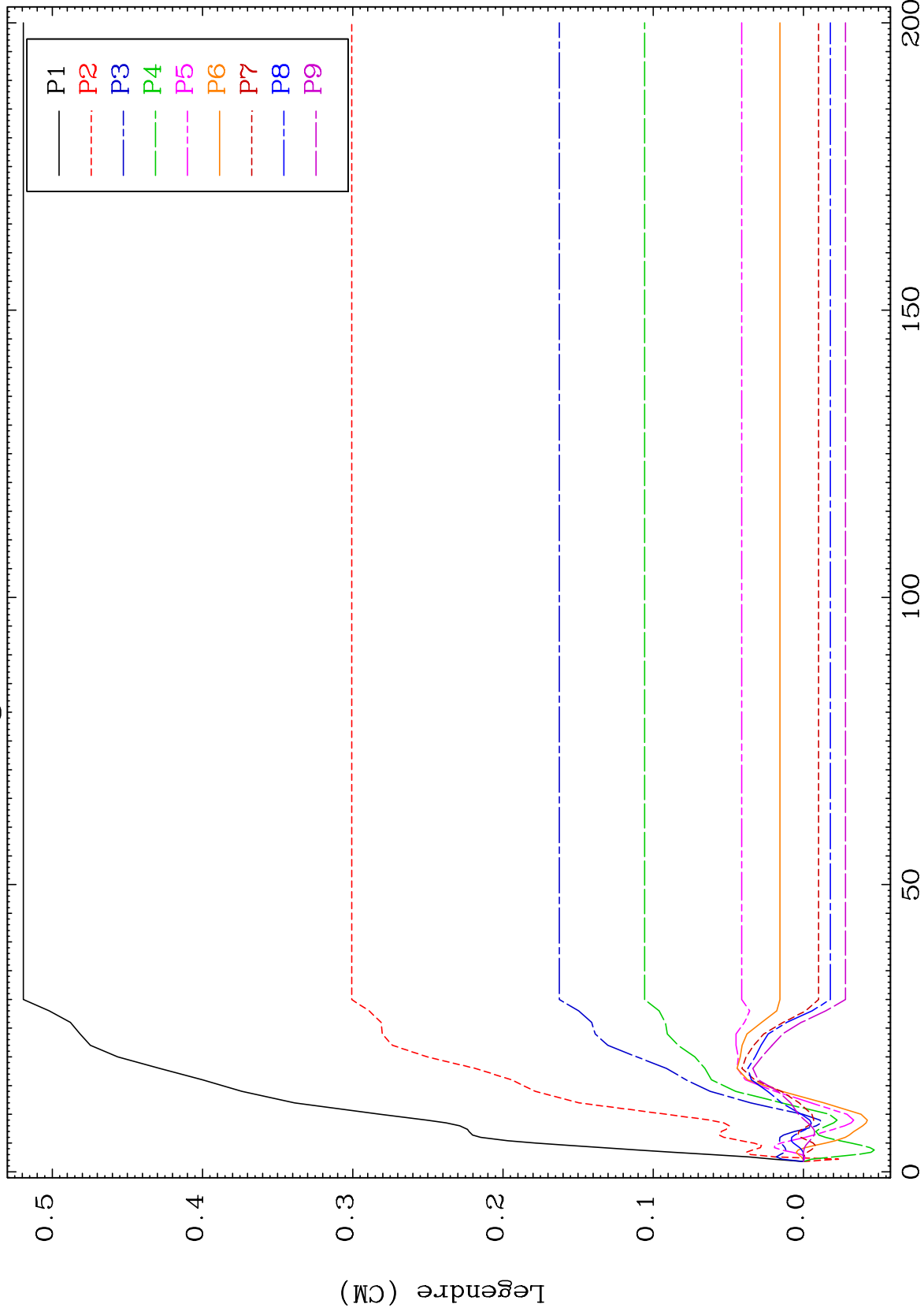
70-Yb-153



MAT 6980

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

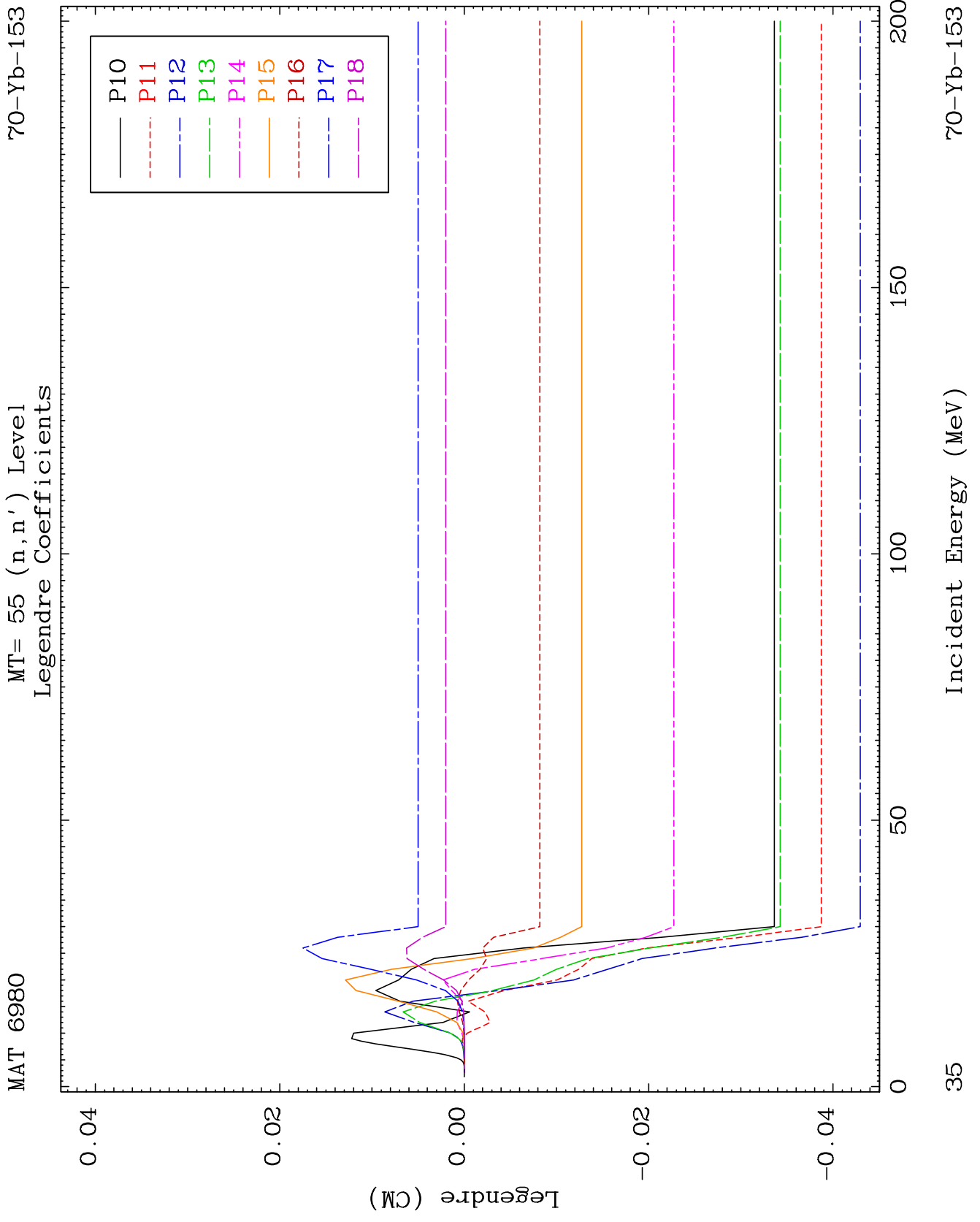
70-Yb-153



34

Incident Energy (MeV)

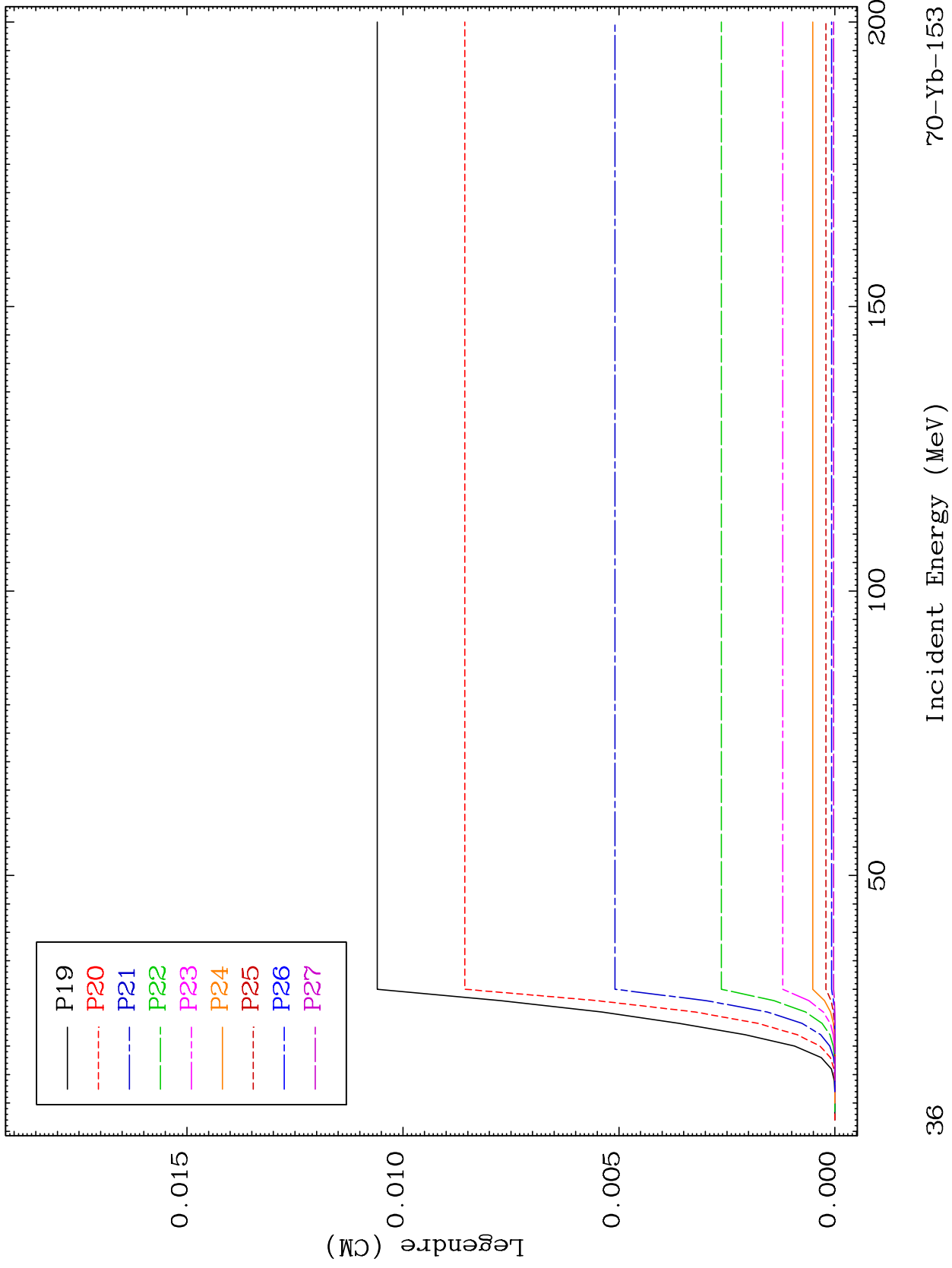
70-Yb-153



MAT 6980

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

70-Yb-153



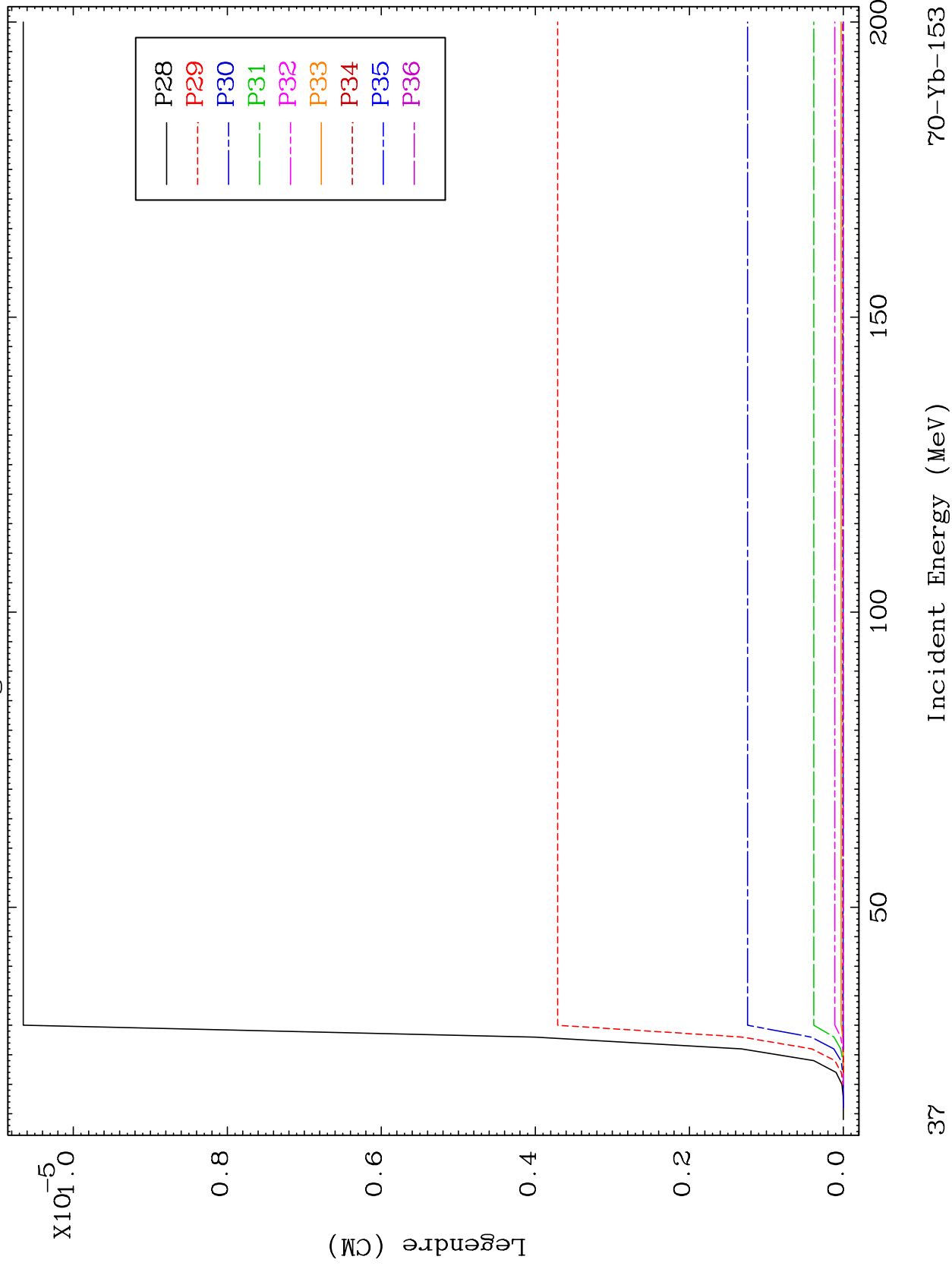
36

70-Yb-153

MAT 6980

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

70-Yb-153



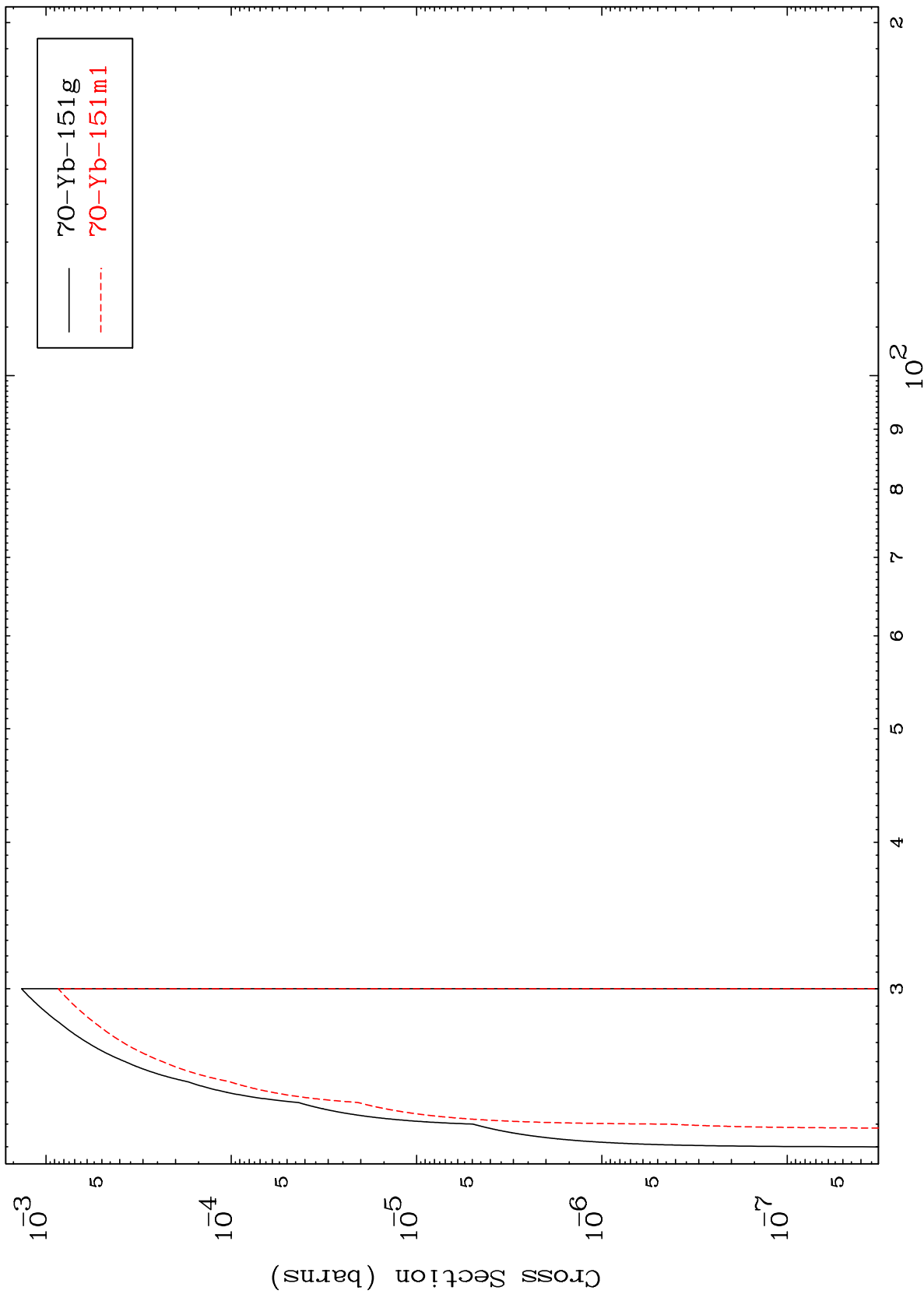
37

70-Yb-153

MAT 6980

70-Yb-153

(n,3n)
Radionuclide Production Cross Section



38

70-Yb-153

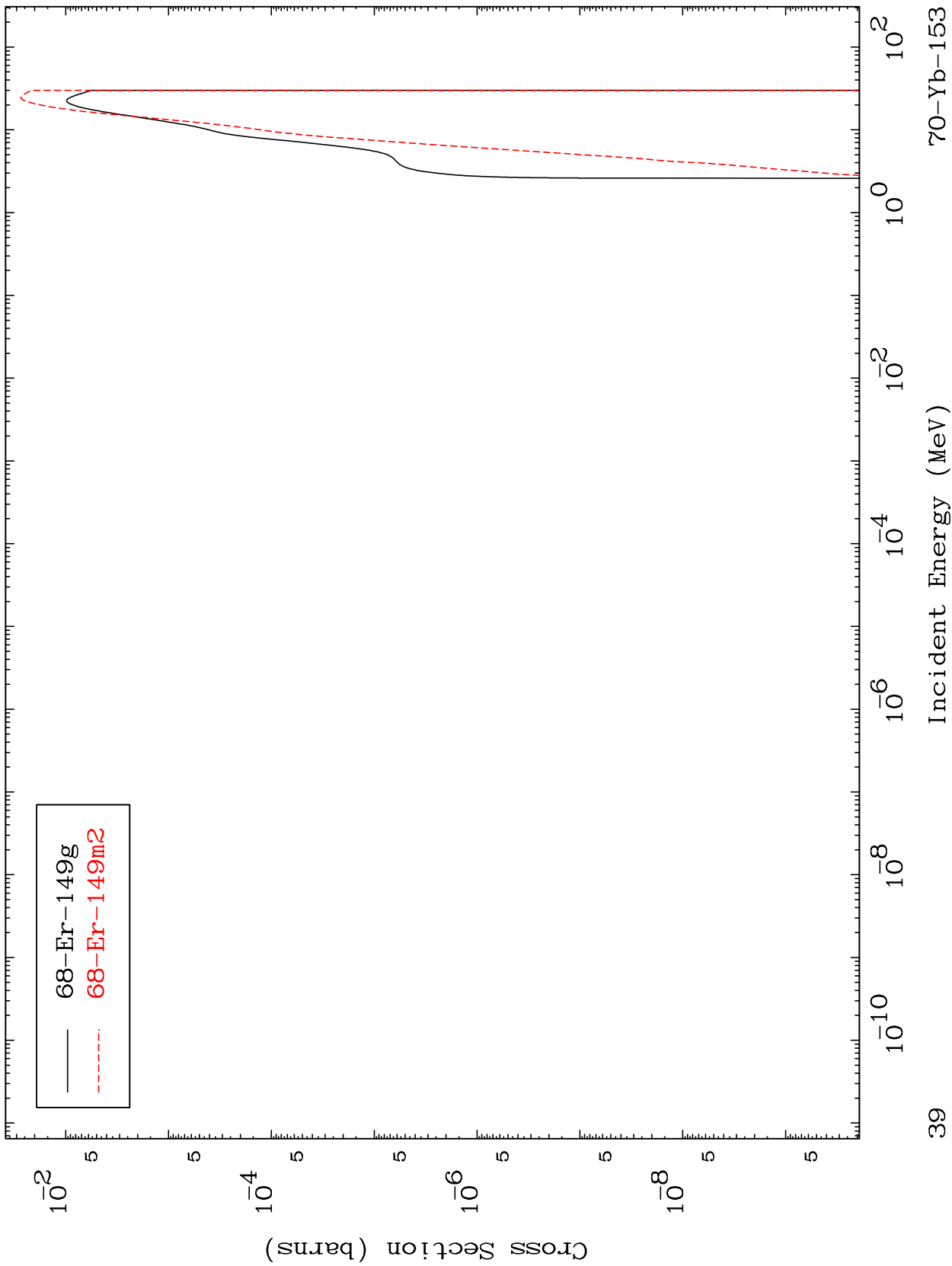
Incident Energy (MeV)

MAT 6980

$(n, n') \alpha$

70-Yb-153

Radionuclide Production Cross Section

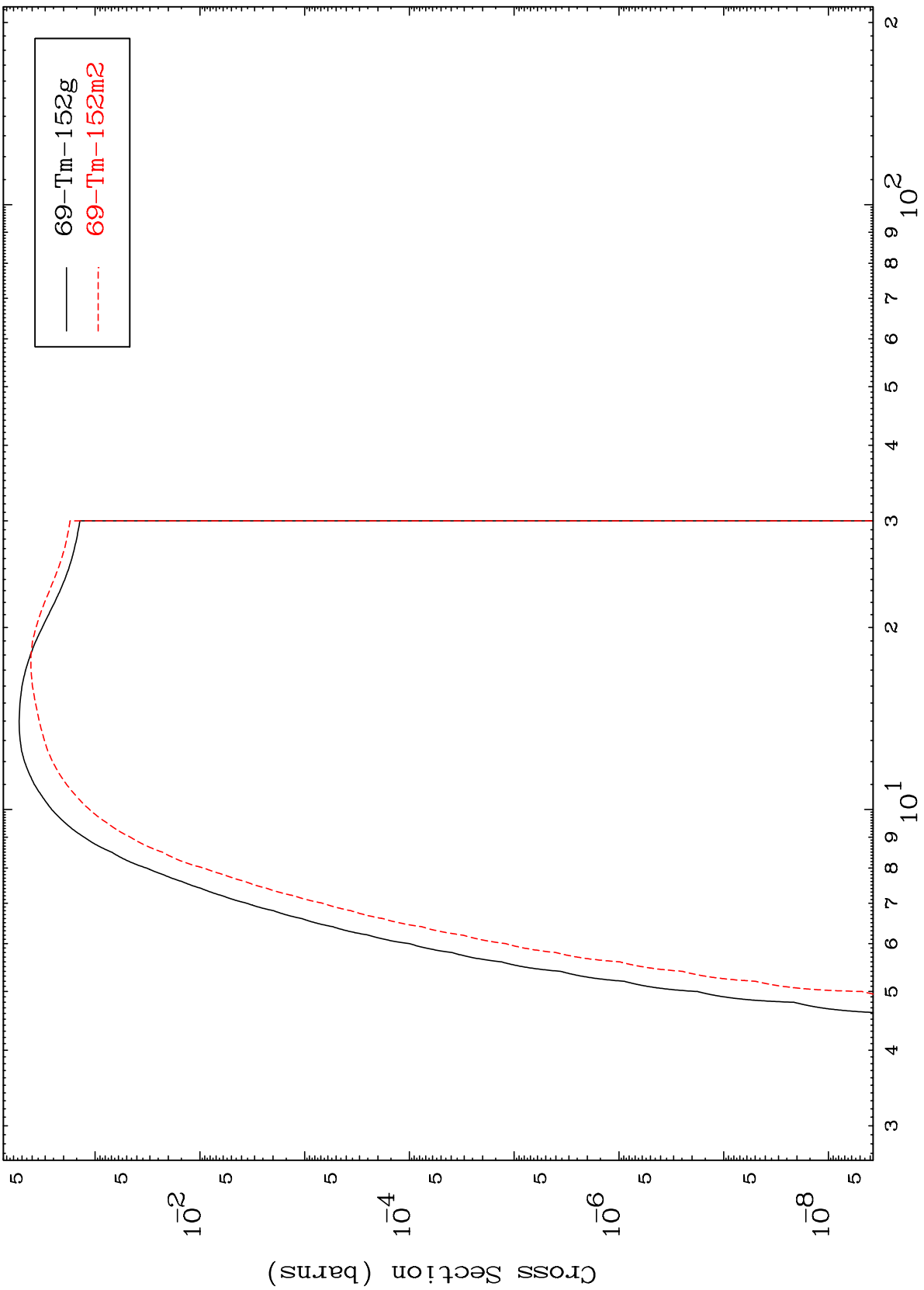


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(n,n') p

70-Yb-153

Radionuclide Production Cross Section



40

Incident Energy (MeV)

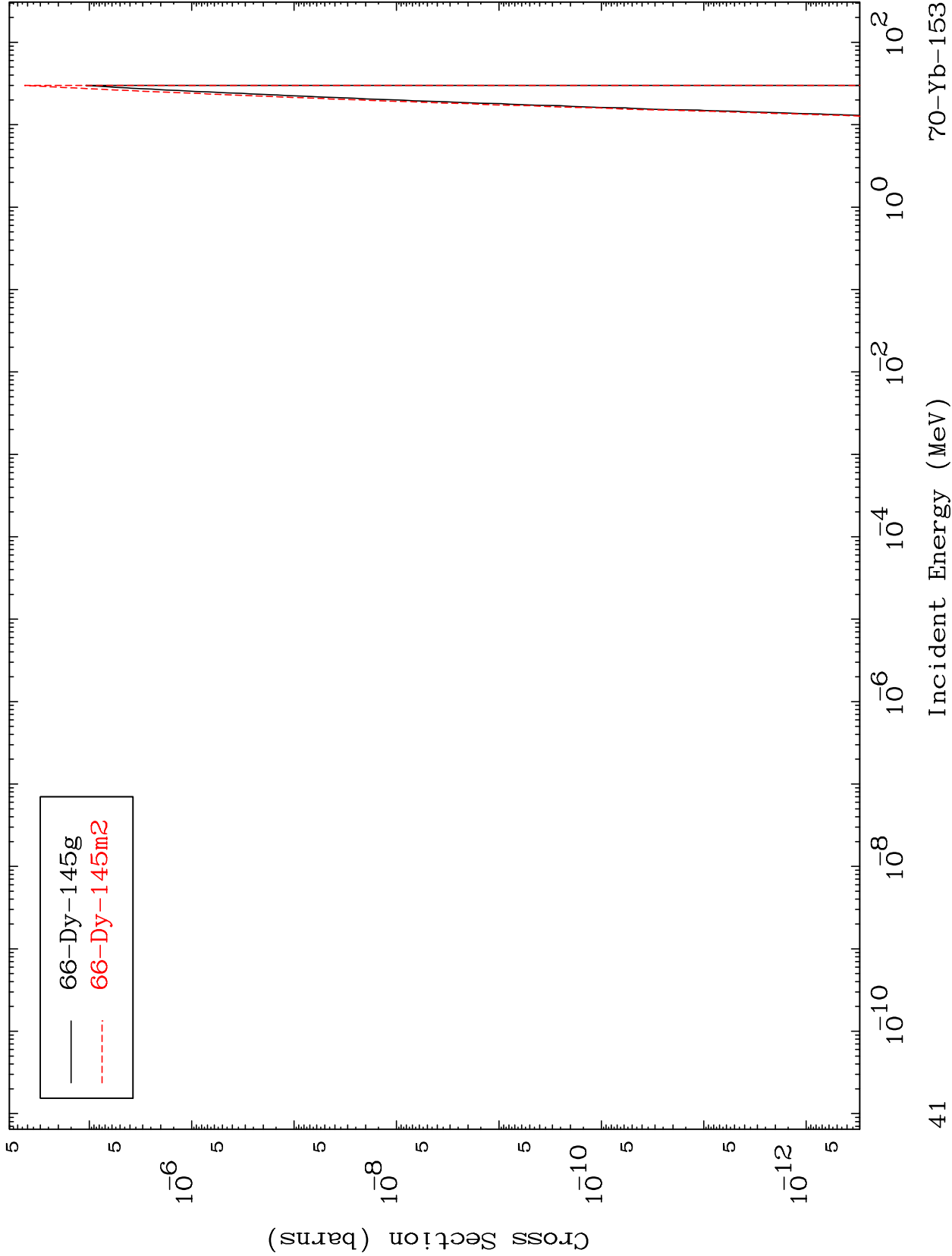
70-Yb-153

MAT 6980

(n,n') 2 α

70-Yb-153

Radionuclide Production Cross Section

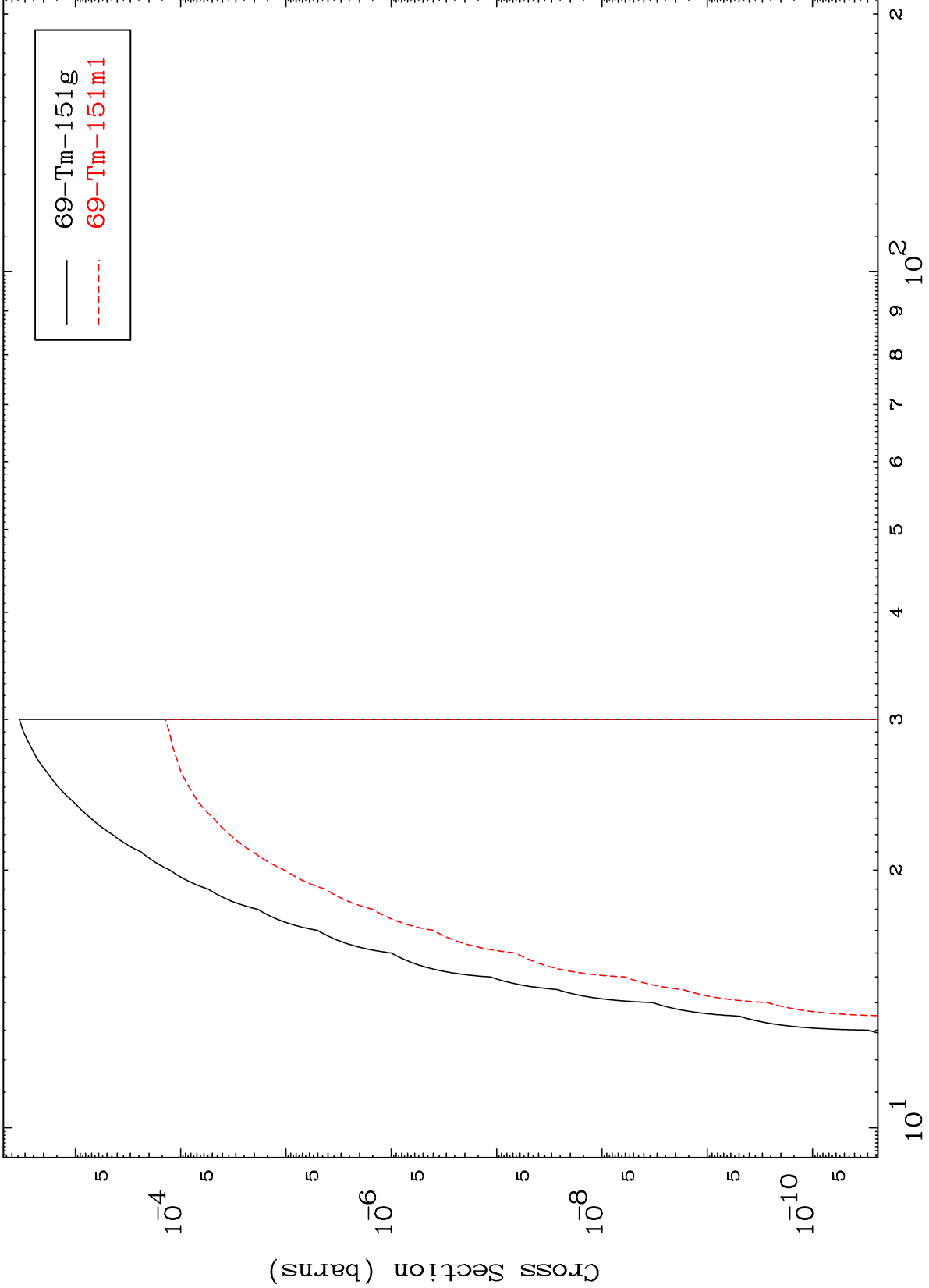


MAT 6980

(n,n') d

70-Yb-153

Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-153

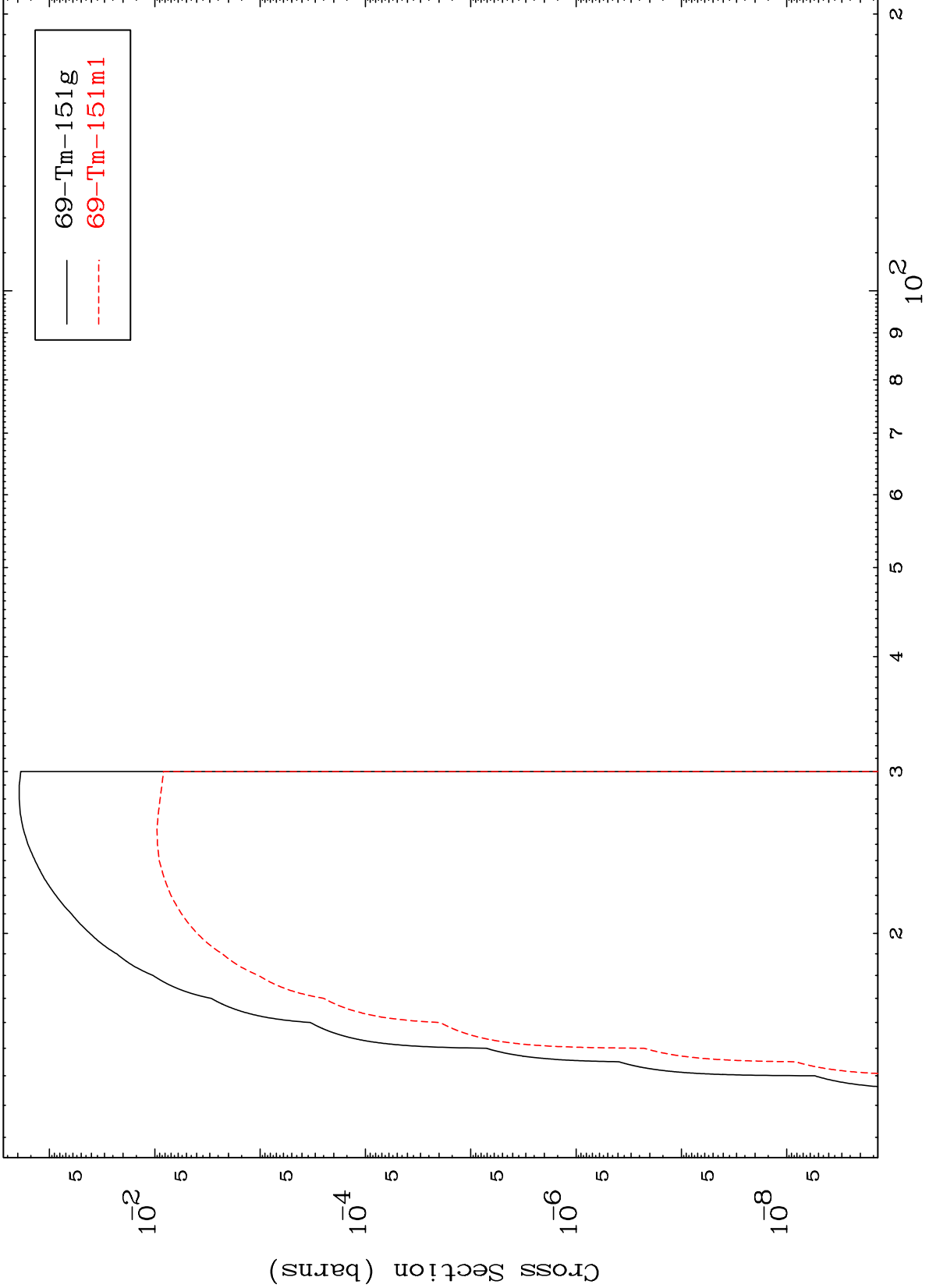
42

MAT 6980

(n,2n) p

70-Yb-153

Radionuclide Production Cross Section



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

43

Incident Energy (MeV)

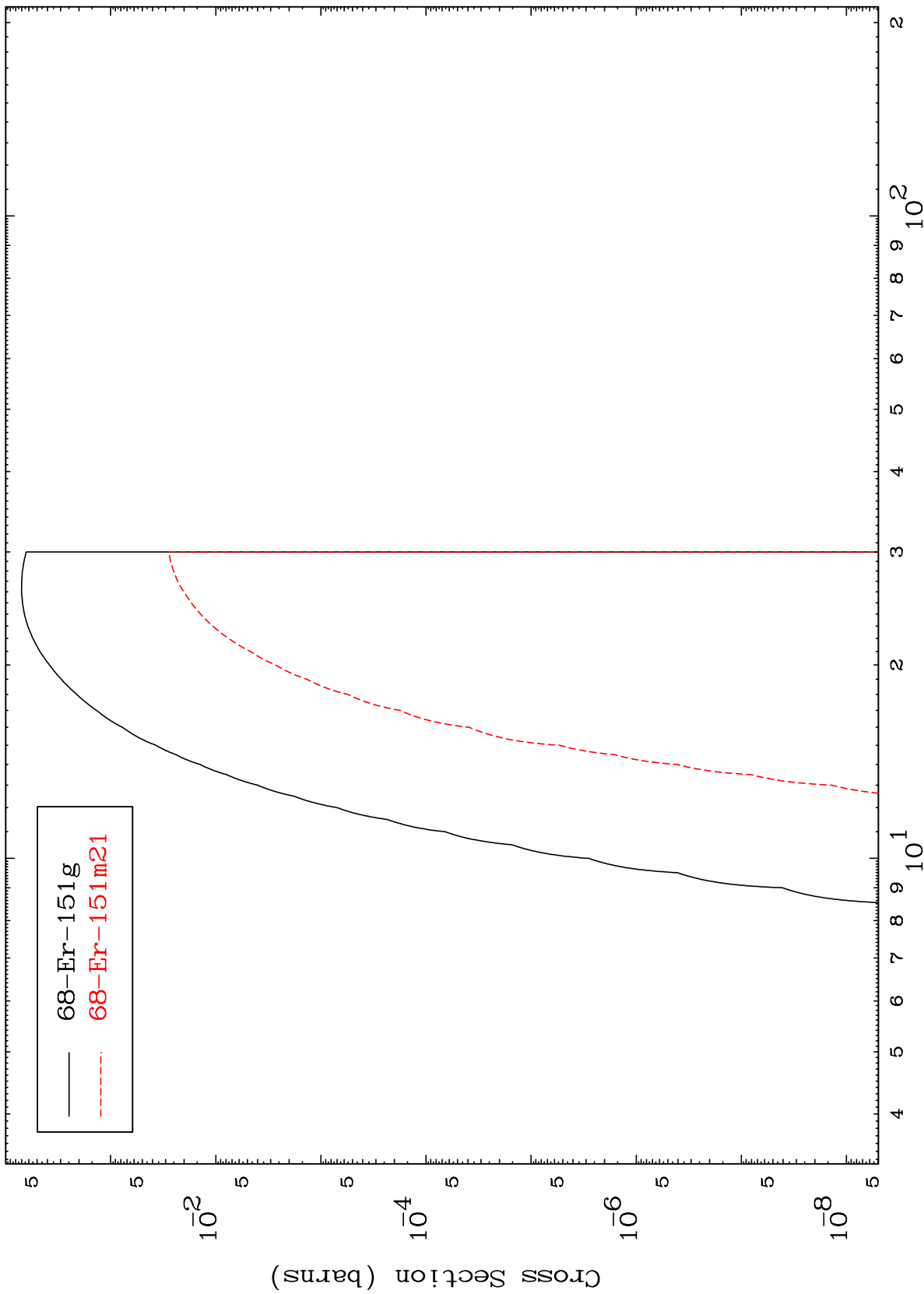
70-Yb-153

MAT 6980

(n,2n) p

70-Yb-153

Radionuclide Production Cross Section

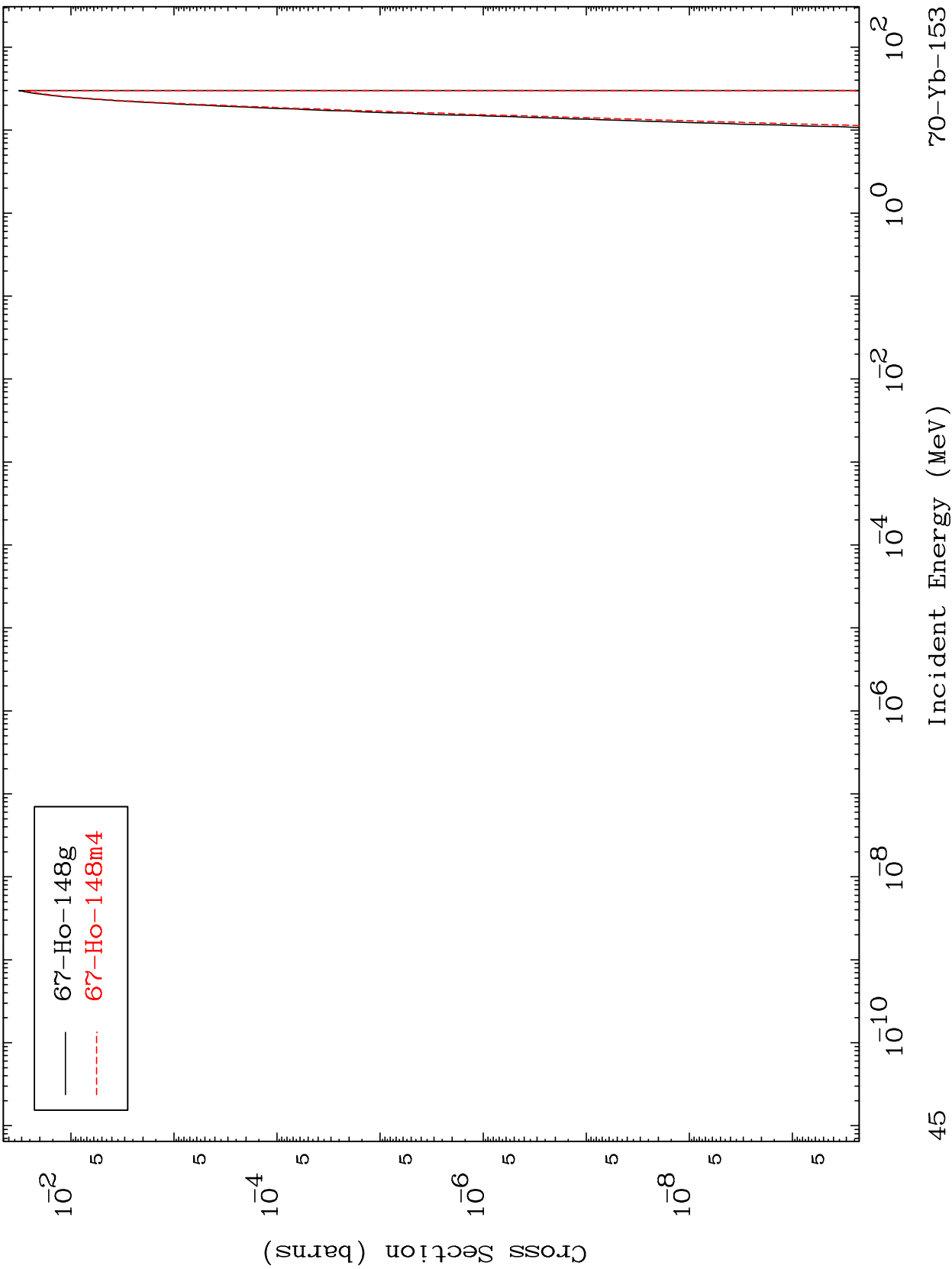


MAT 6980

(n,n') p α

70-Yb-153

Radionuclide Production Cross Section

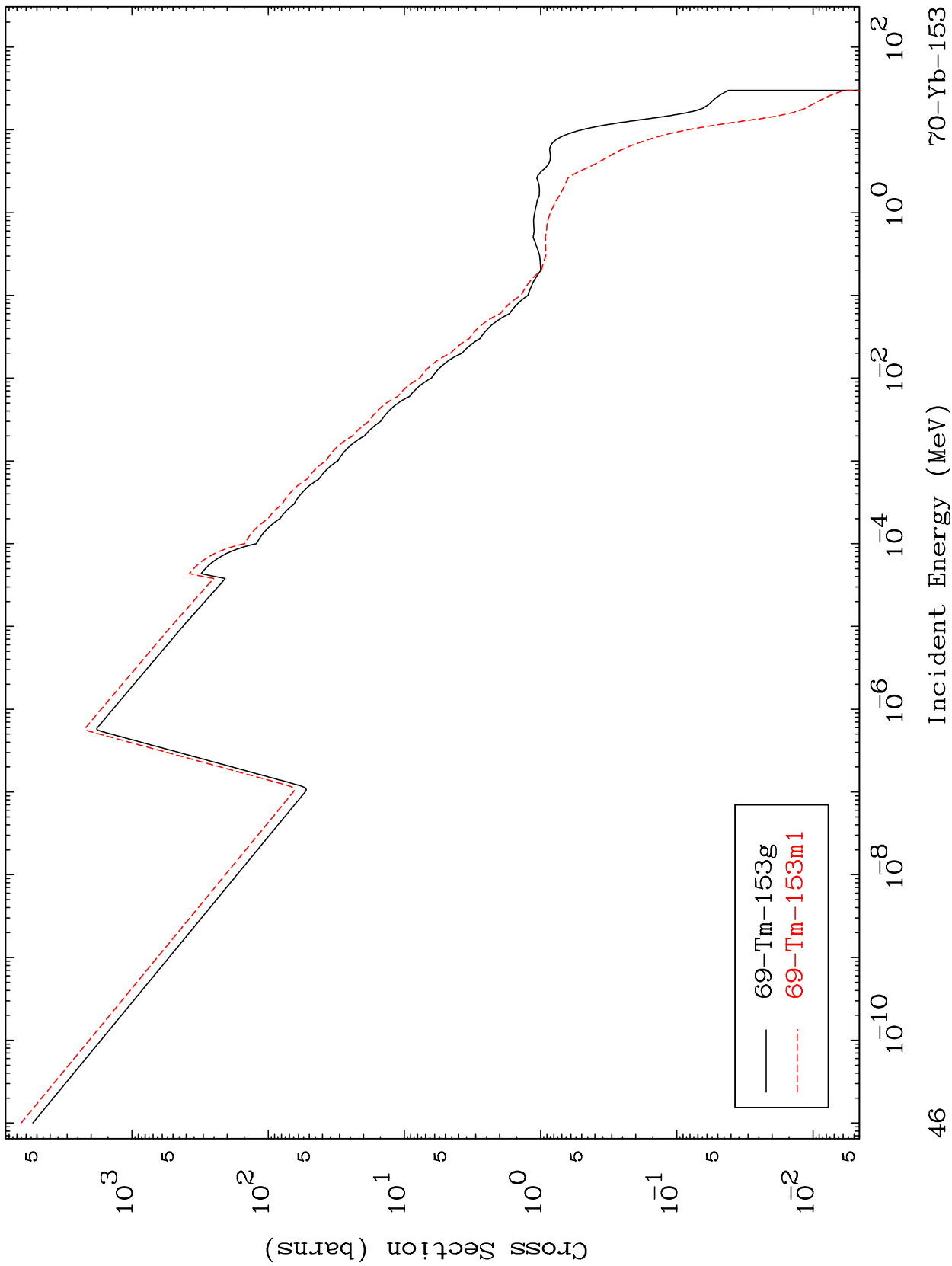


— $^{67}\text{Ho-148g}$
- - - $^{67}\text{Ho-148m4}$

MAT 6980

70-Yb-153

(n,p)
Radionuclide Production Cross Section

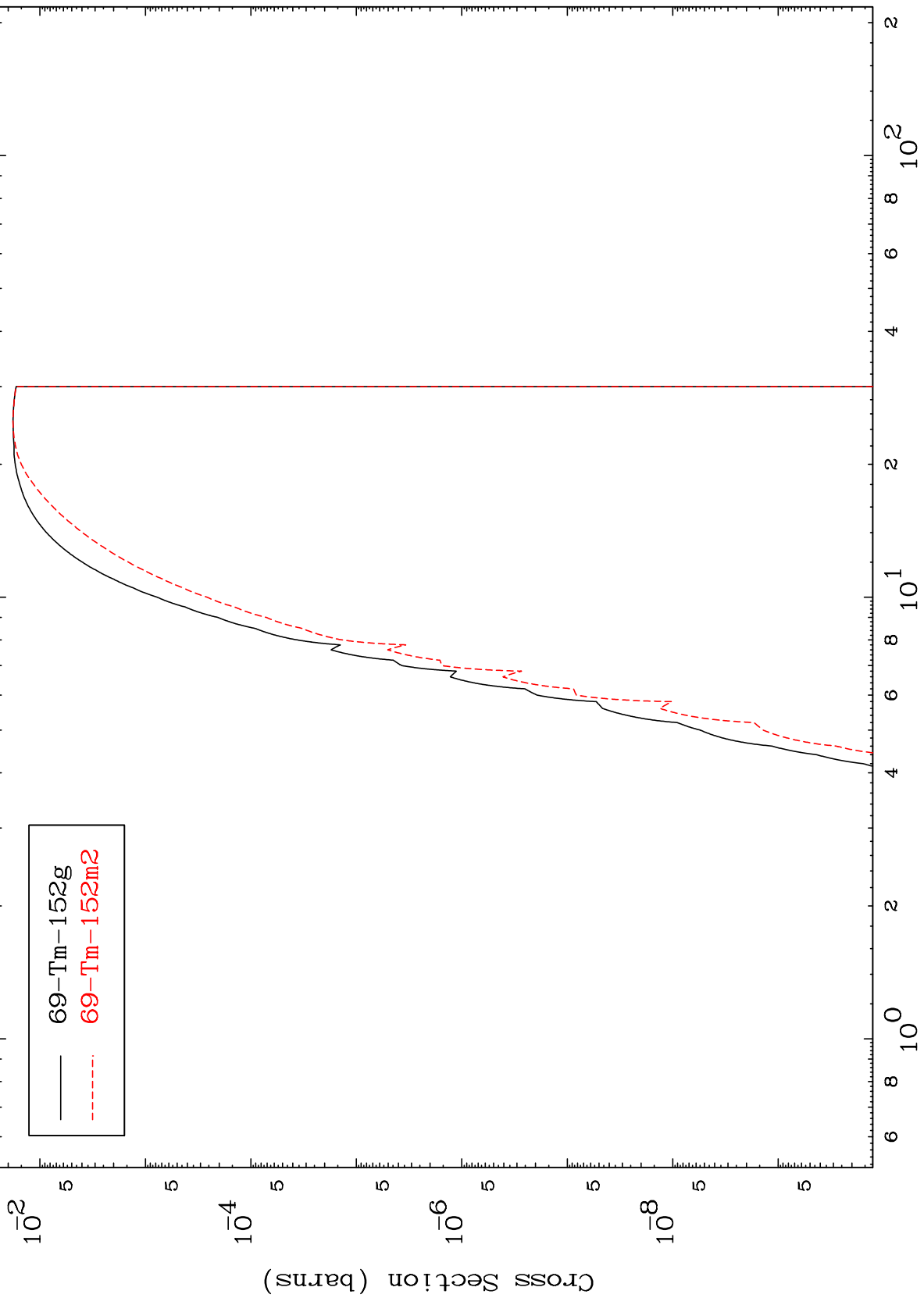


MAT 6980

(n,d)

70-Yb-153

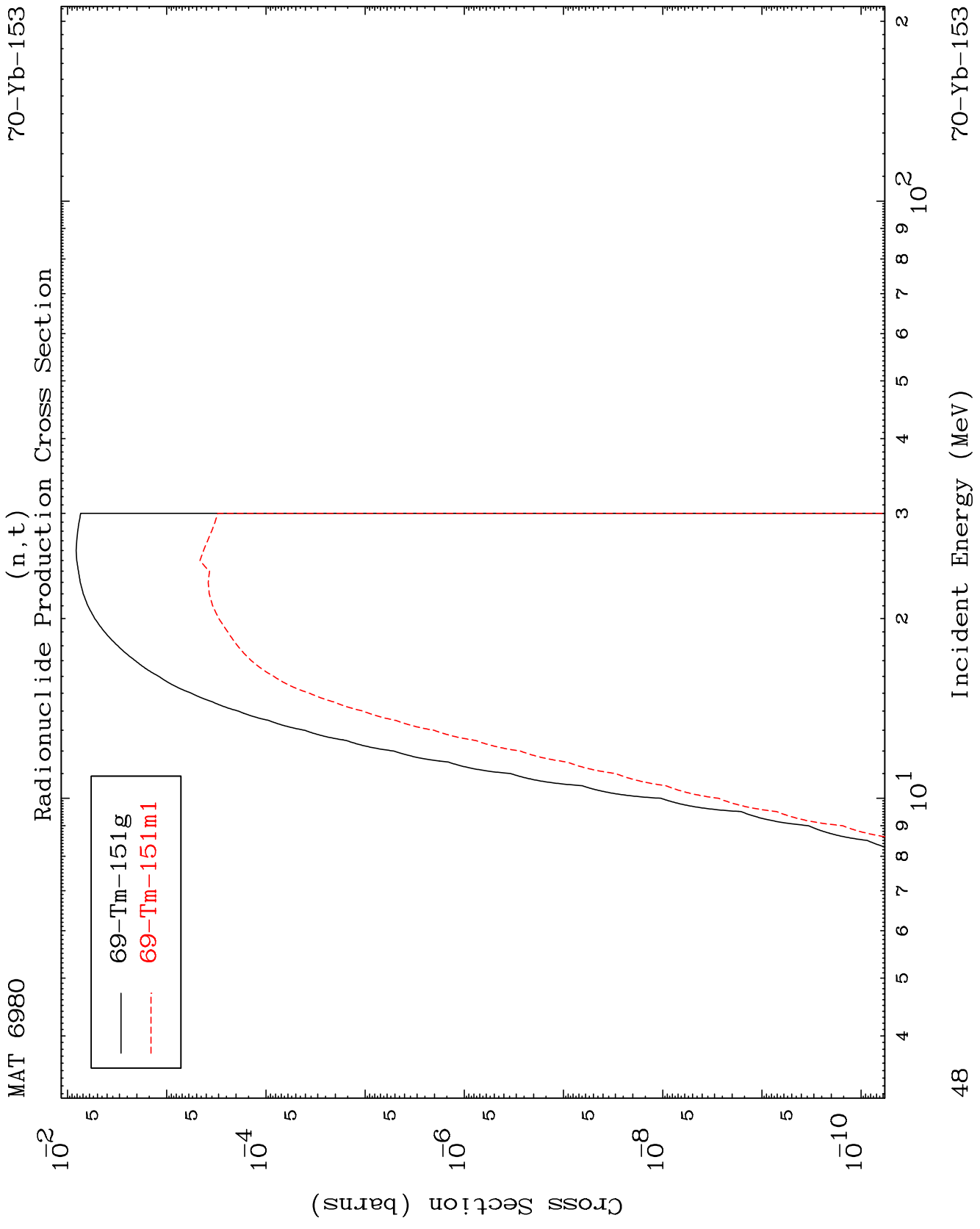
Radionuclide Production Cross Section



47

Incident Energy (MeV)

70-Yb-153

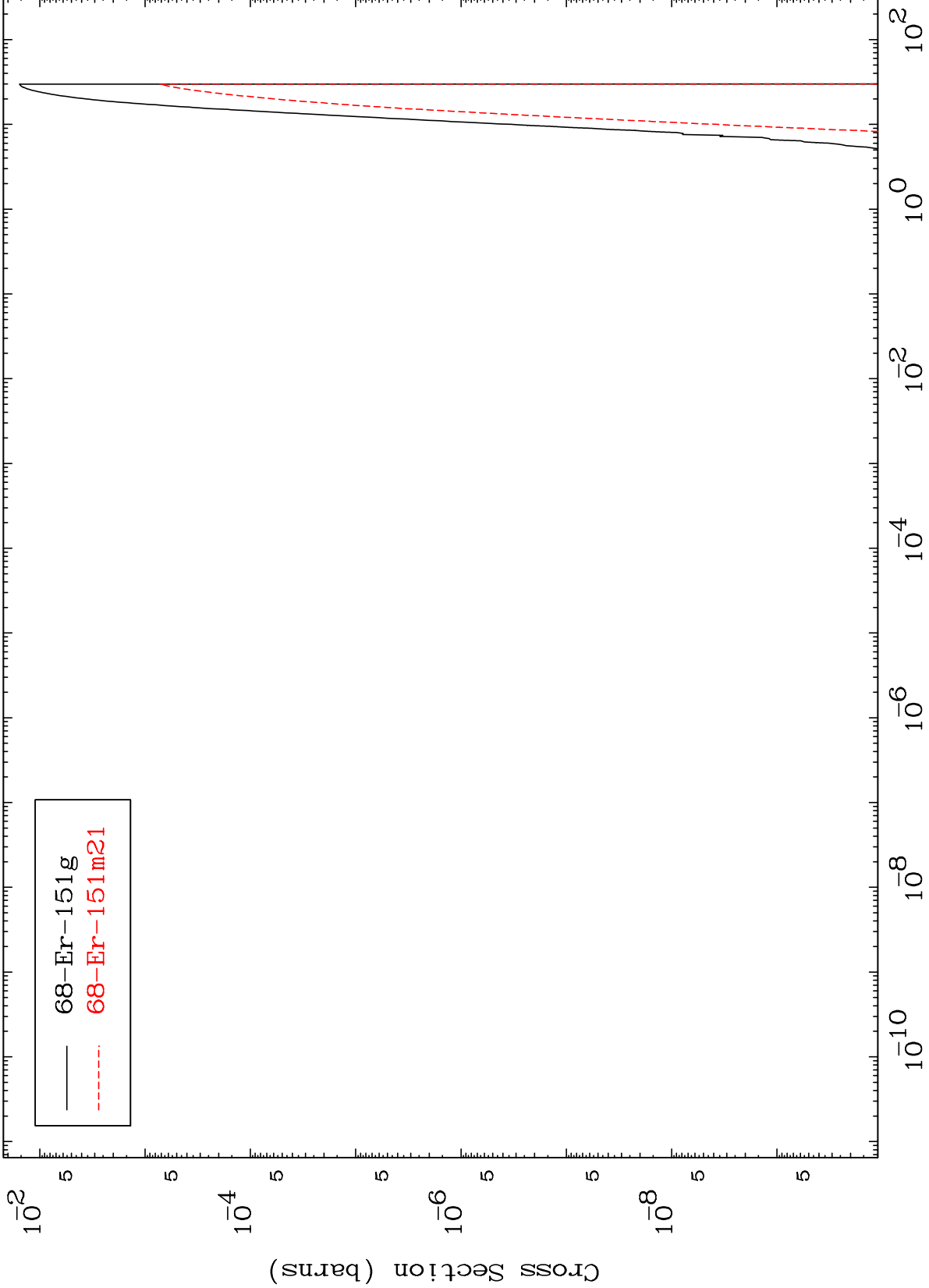


MAT 6980

(n,He-3)

70-Yb-153

Radionuclide Production Cross Section

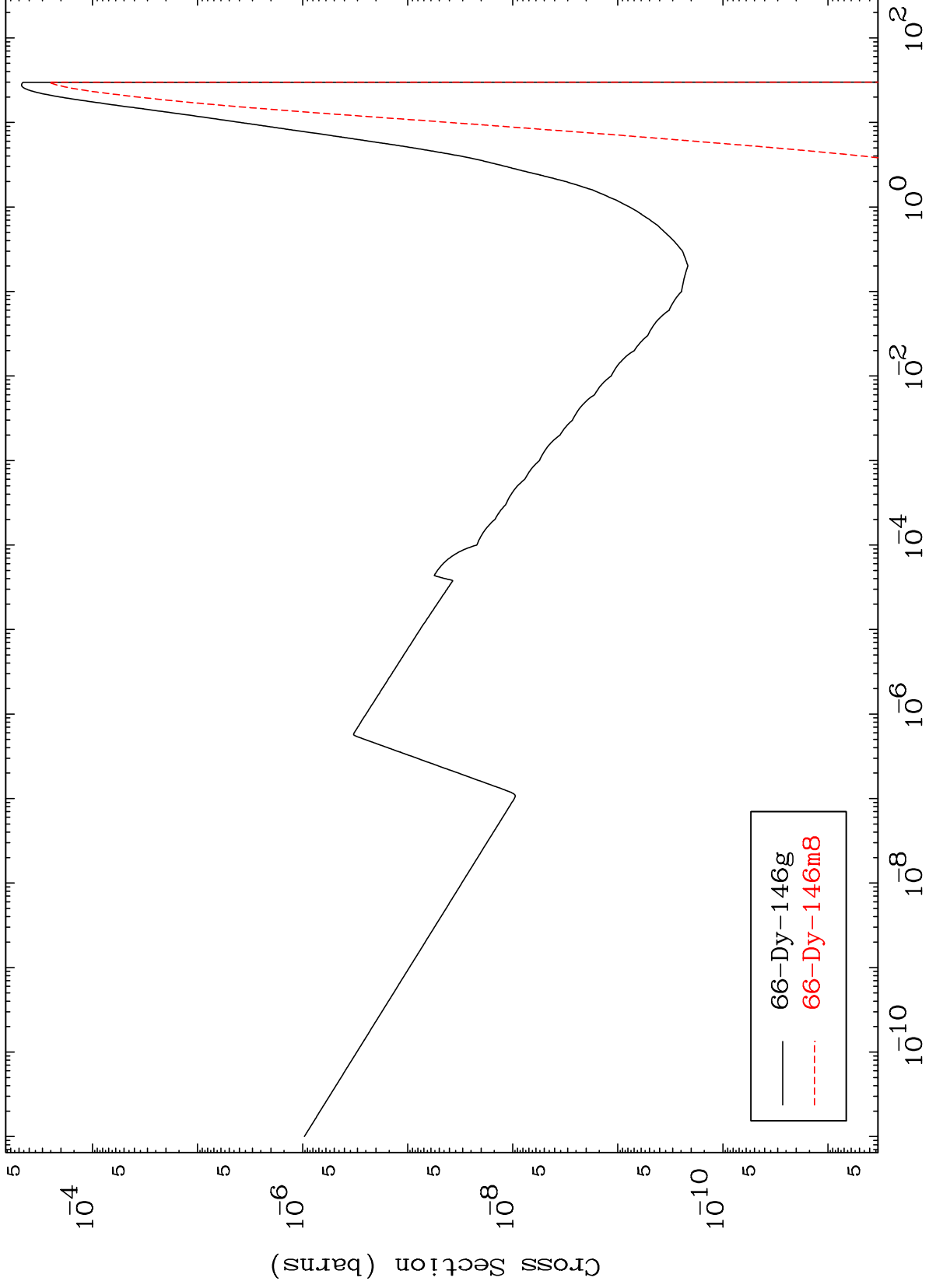


MAT 6980

(n,2α)

70-Yb-153

Radionuclide Production Cross Section

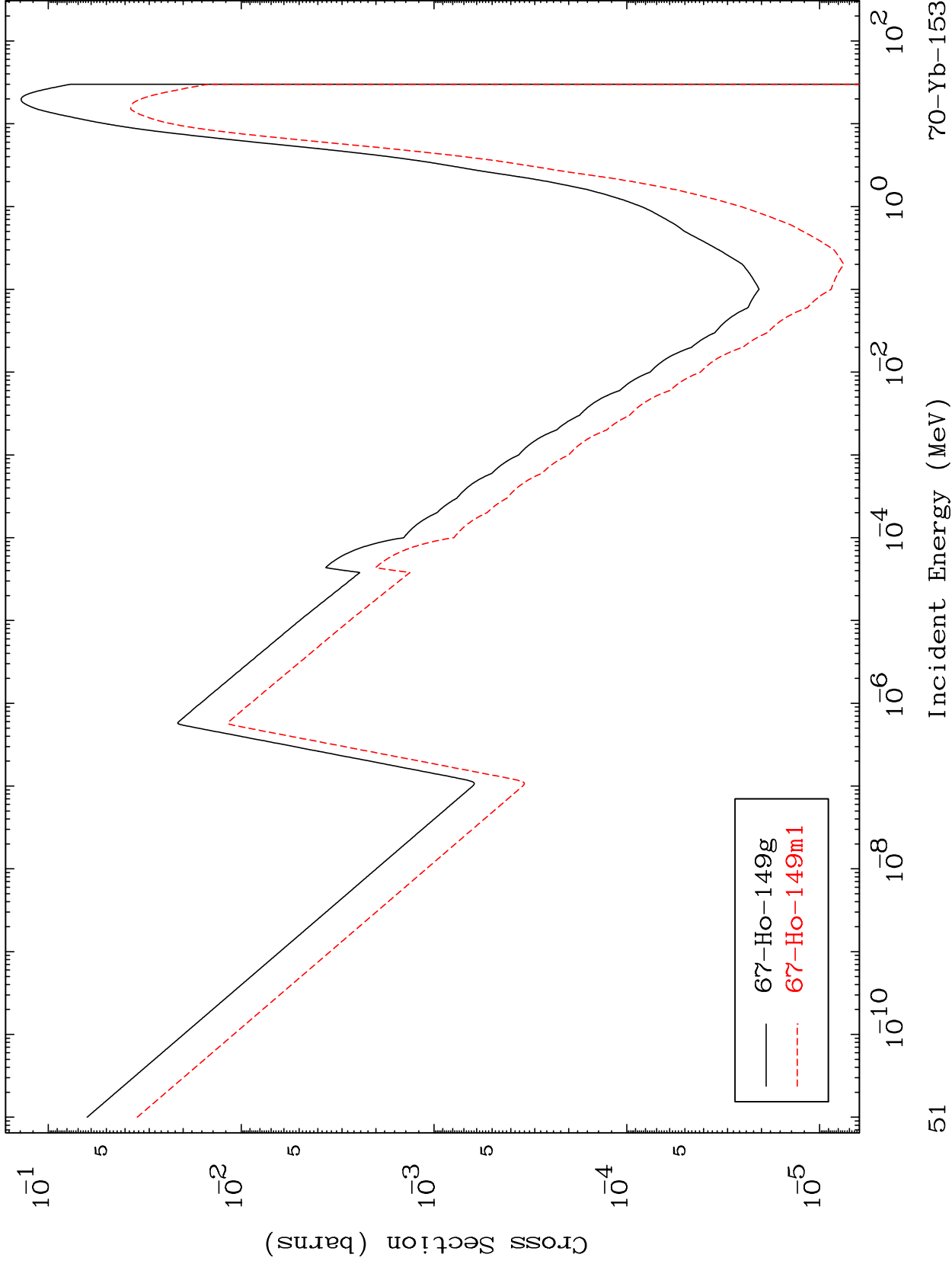


MAT 6980

(n,p) α

70-Yb-153

Radionuclide Production Cross Section

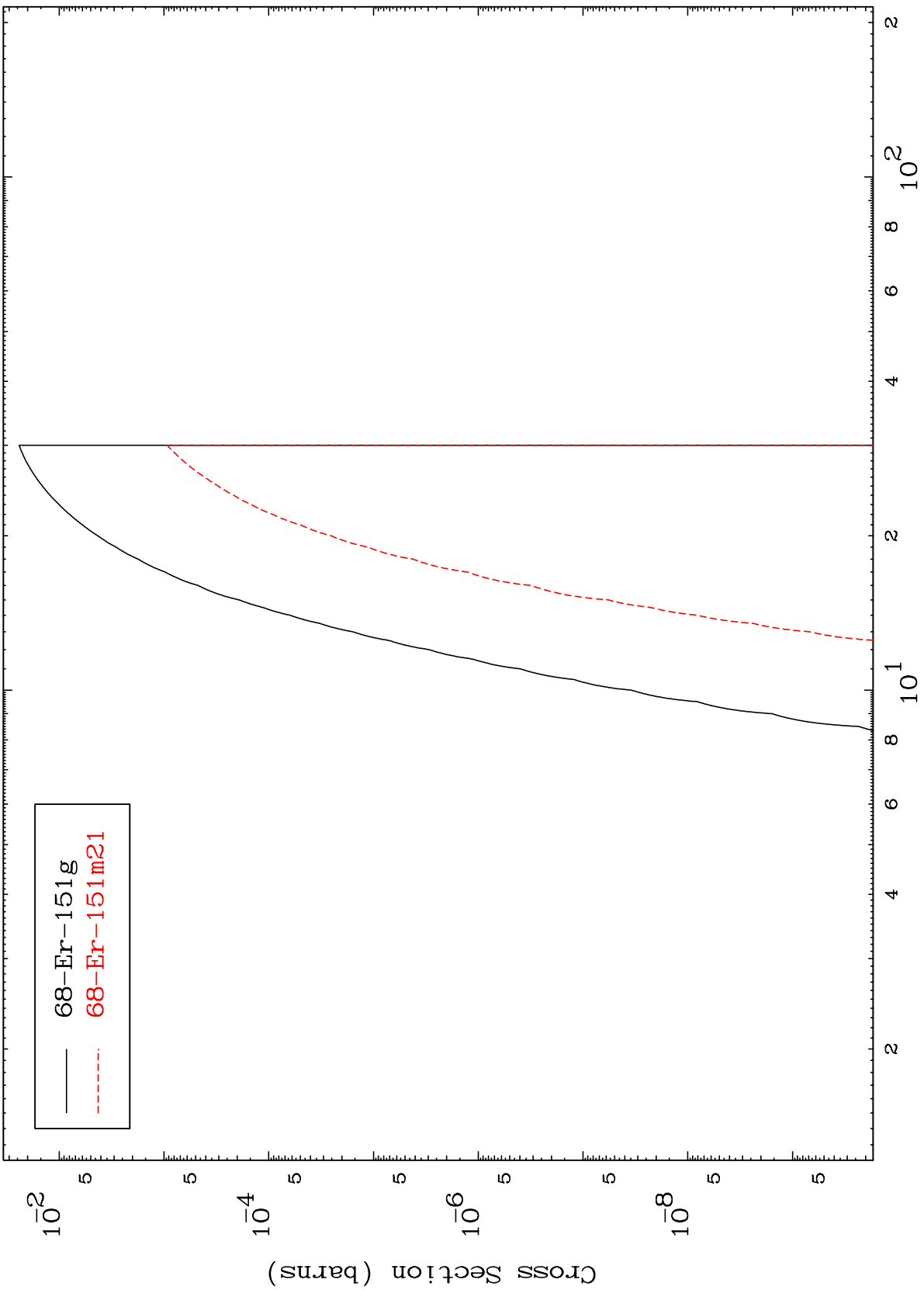


MAT 6980

(n,p) d

70-Yb-153

Radionuclide Production Cross Section



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

52

Incident Energy (MeV)

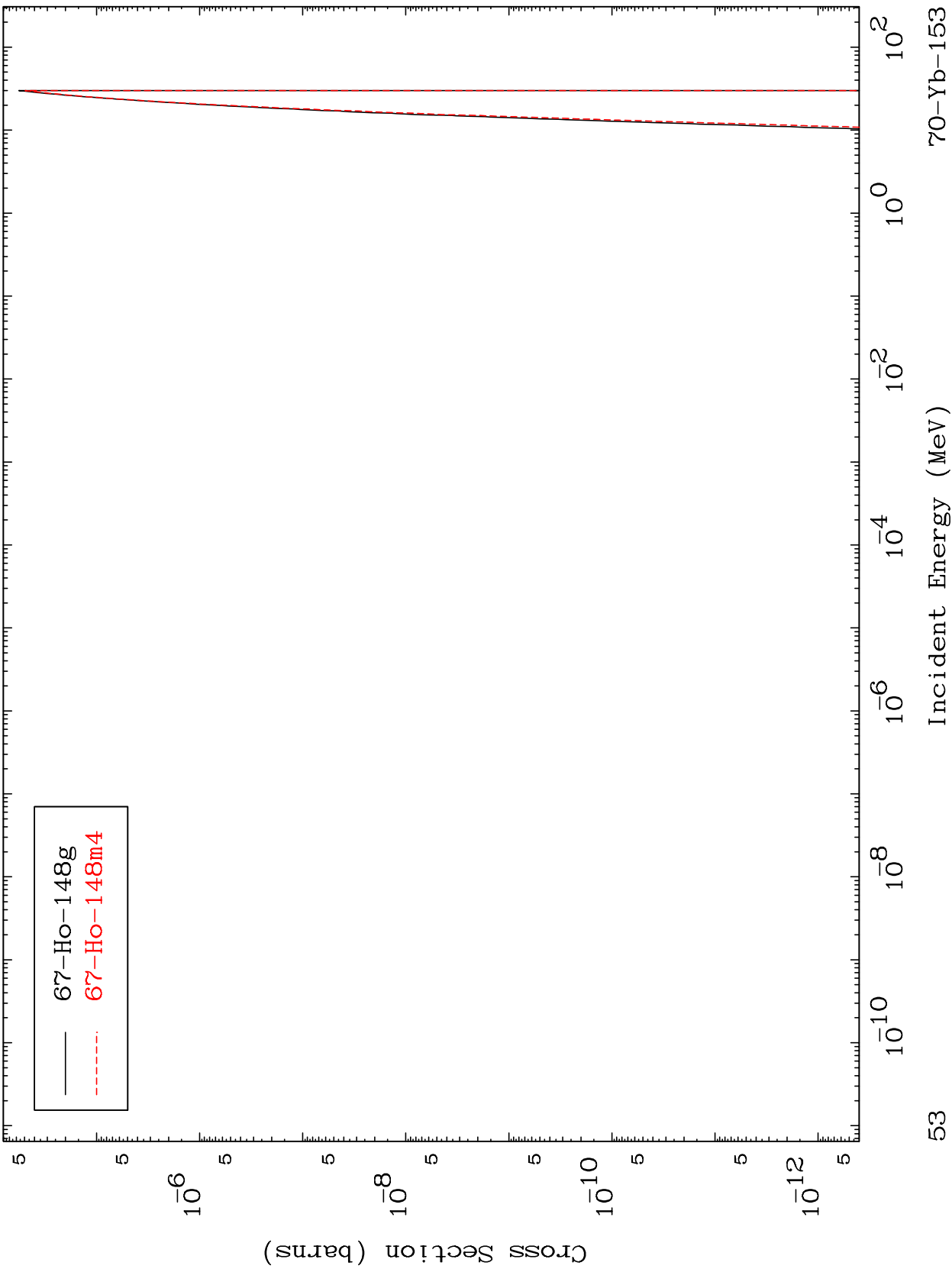
70-Yb-153

MAT 6980

(n,d) α

70-Yb-153

Radionuclide Production Cross Section



53

Incident Energy (MeV)

70-Yb-153