

Program EVALPLOT  
(Version 2021-1)

by

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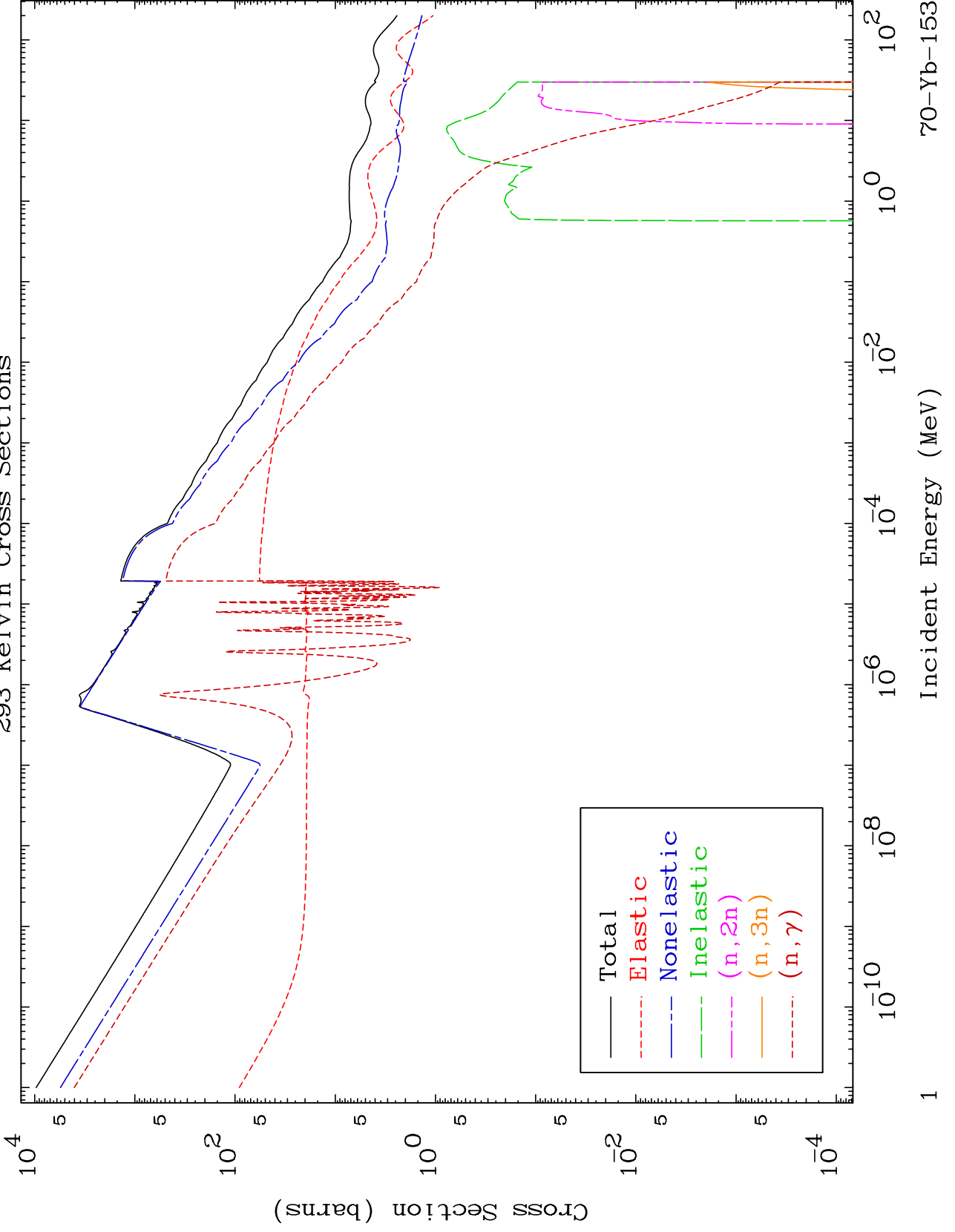
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Press Mouse Button to Start

MAT 6980

Neutron Major  
293 Kelvin Cross Sections

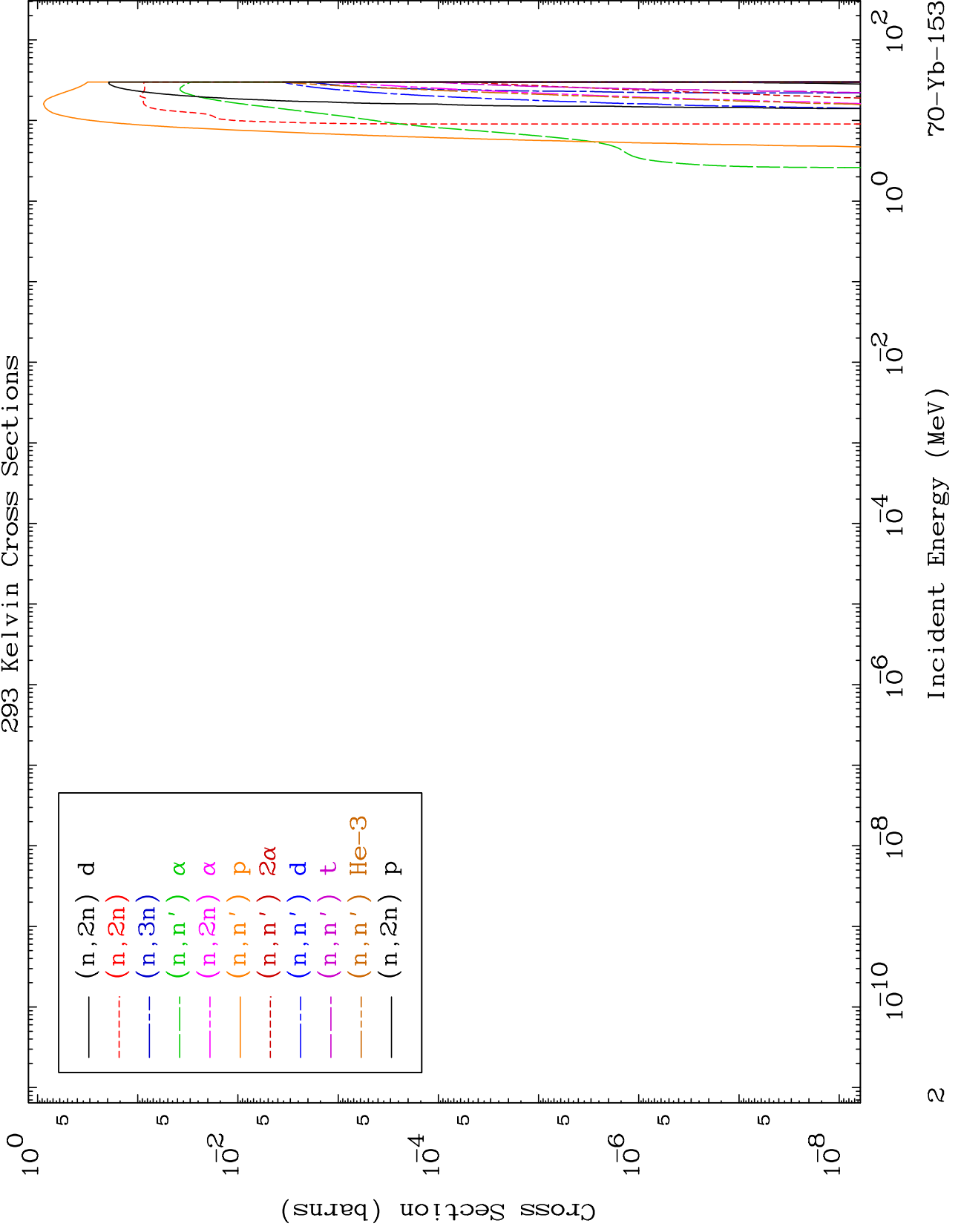
70-Yb-153

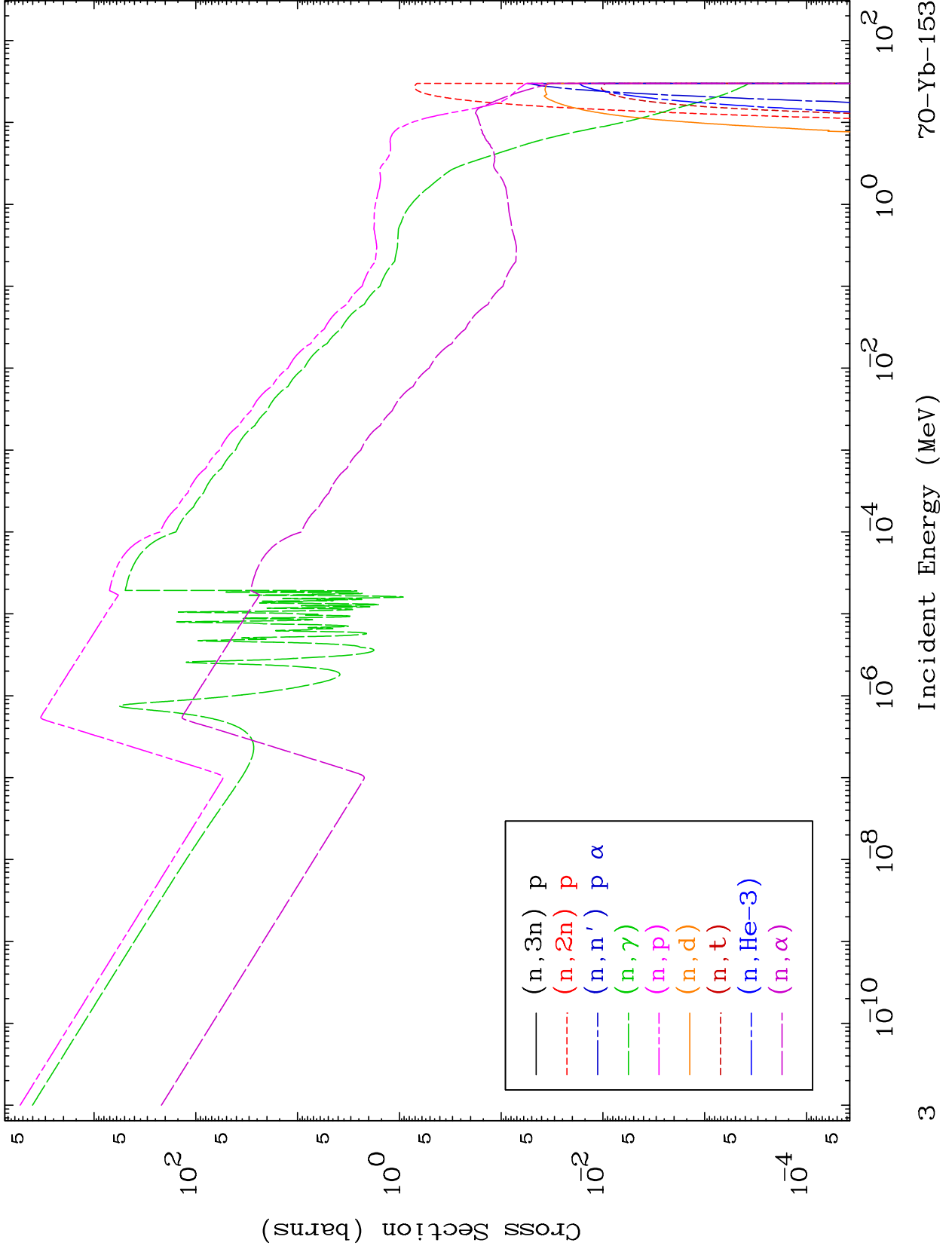


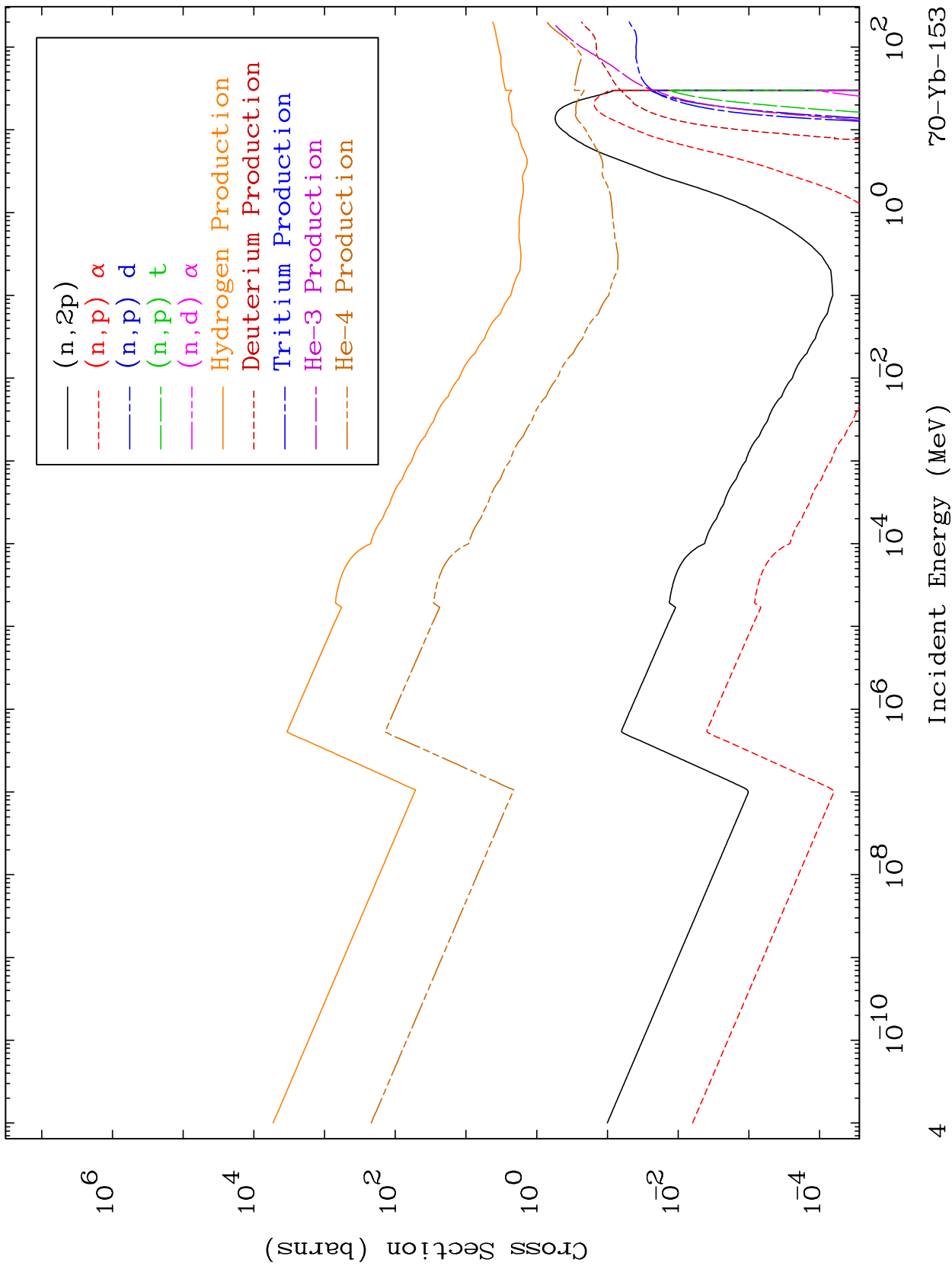
MAT 6980

Neutron Absorption  
293 Kelvin Cross Sections

70-Yb-153



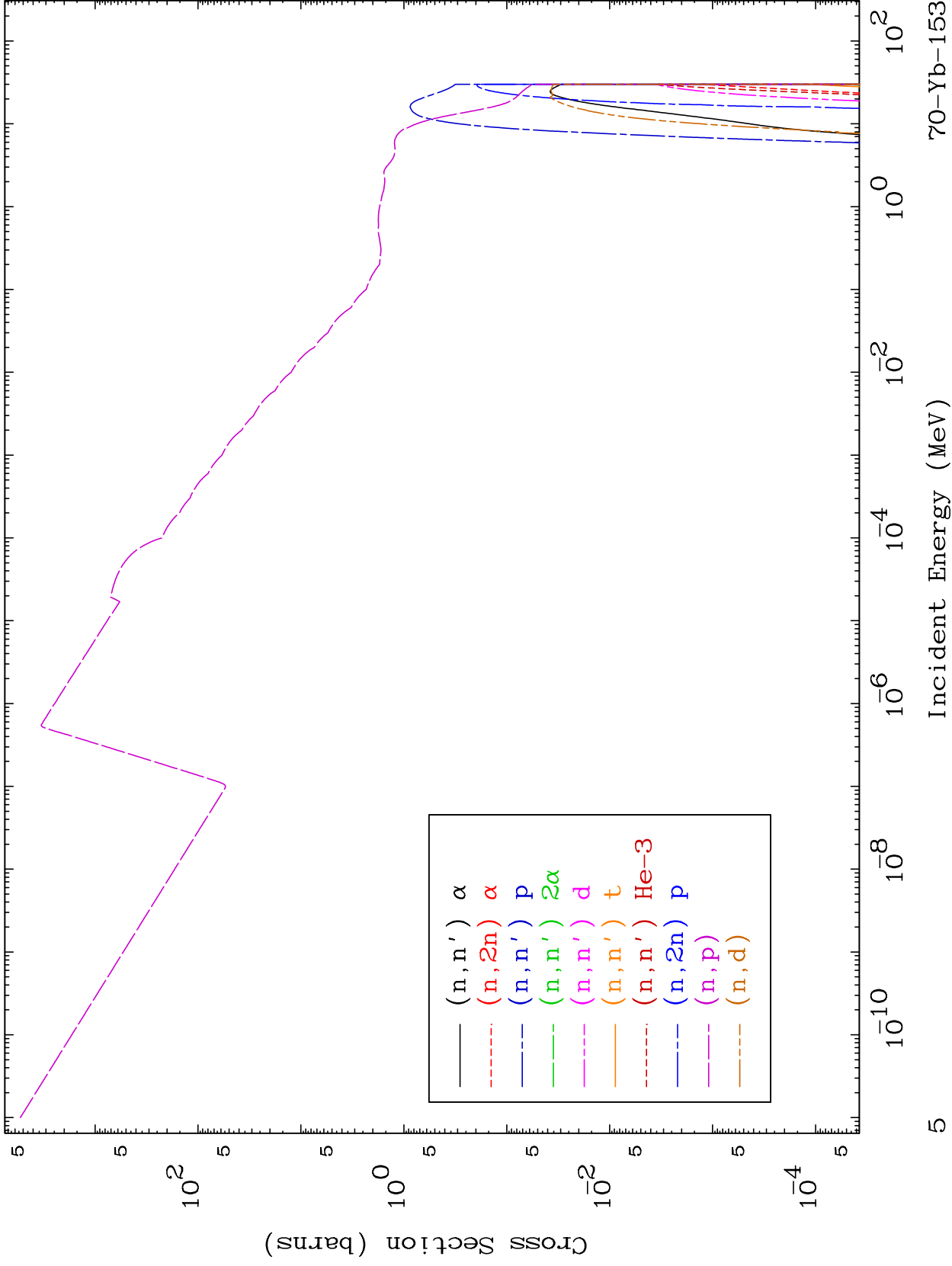




MAT 6980

Charged Particle  
293 Kelvin Cross Sections

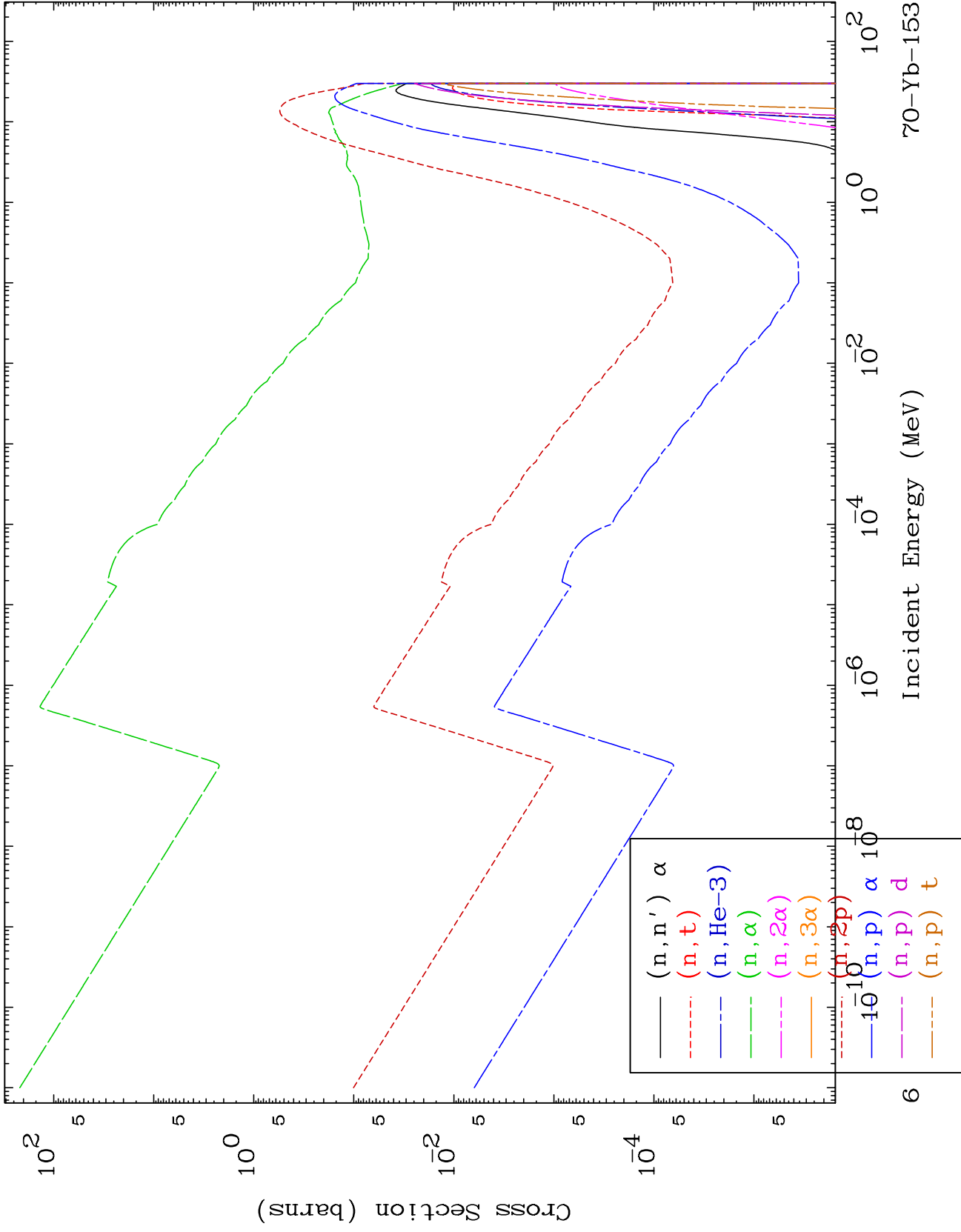
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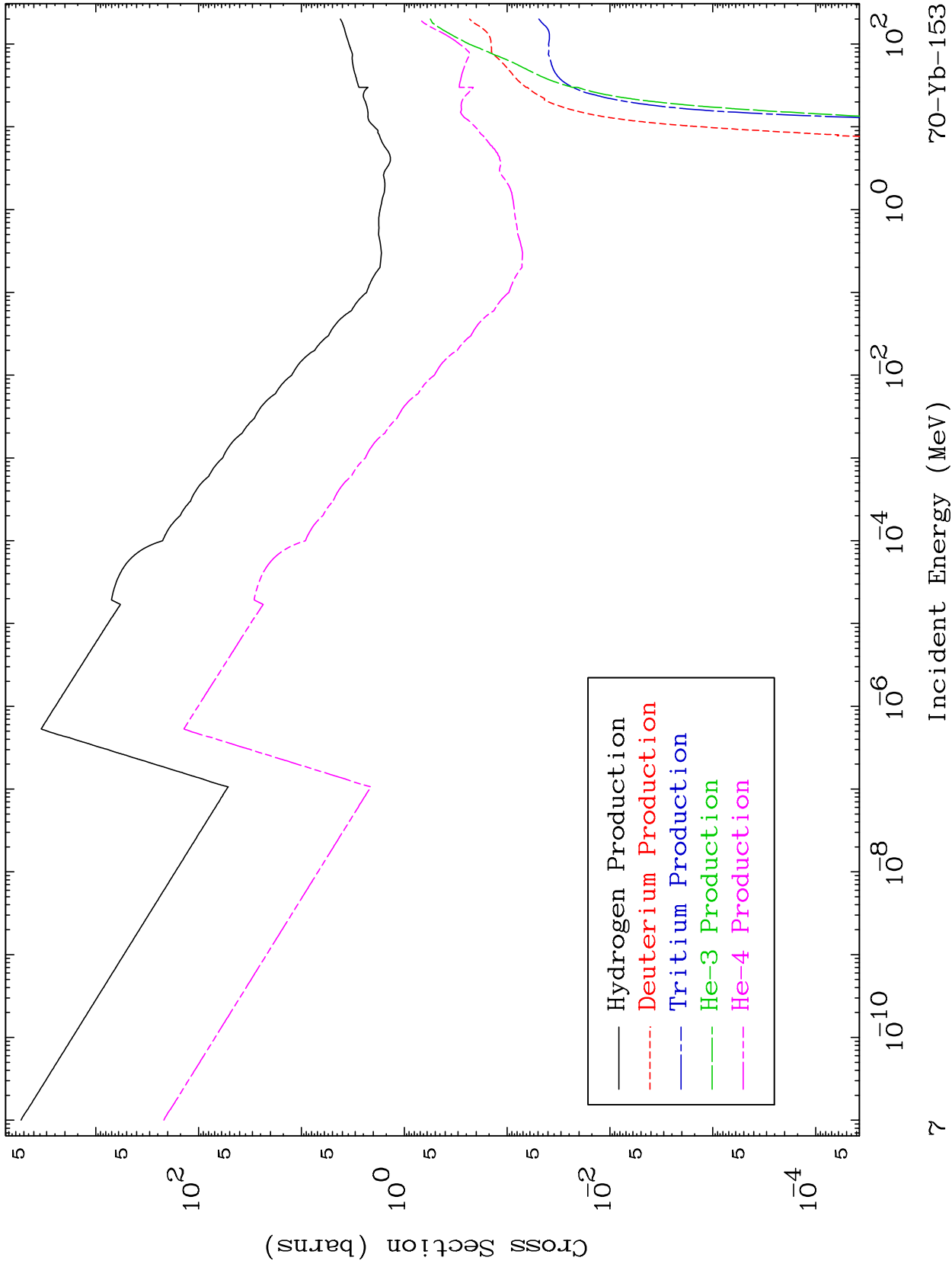


MAT 6980

Charged Particle  
293 Kelvin Cross Sections

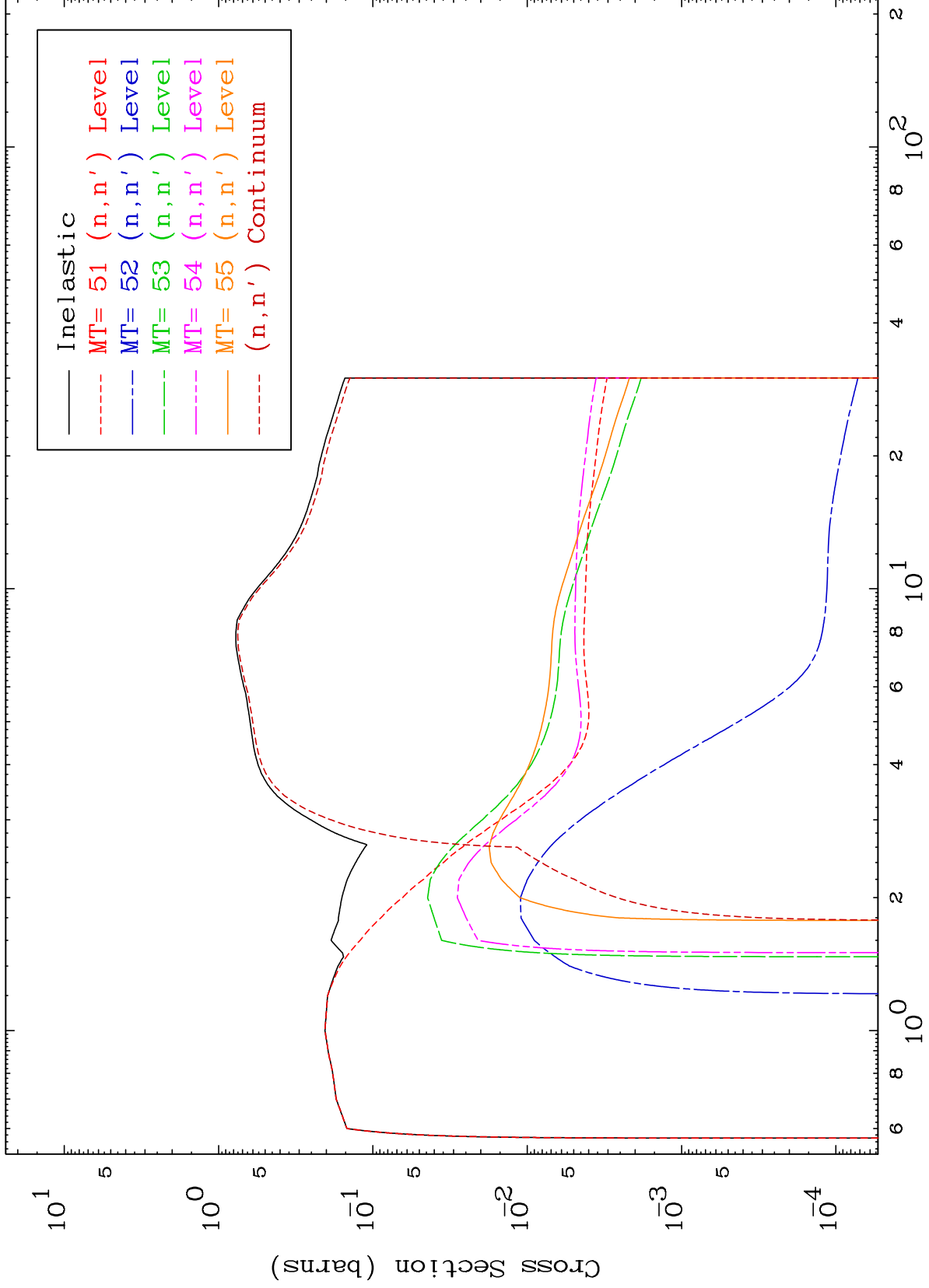
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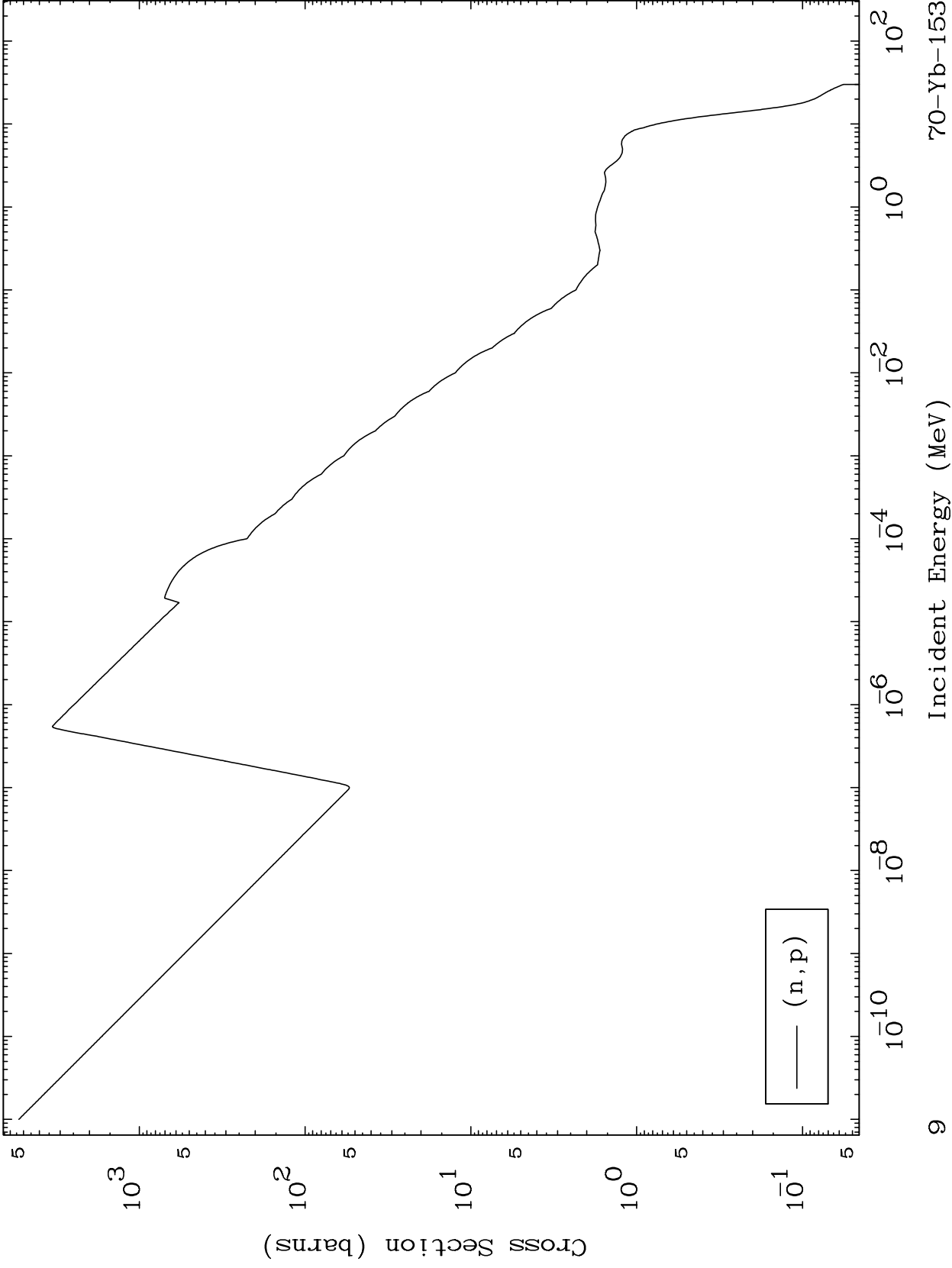
293 Kelvin Cross Sections



MAT 6980

(n,p) Levels  
293 Kelvin Cross Sections

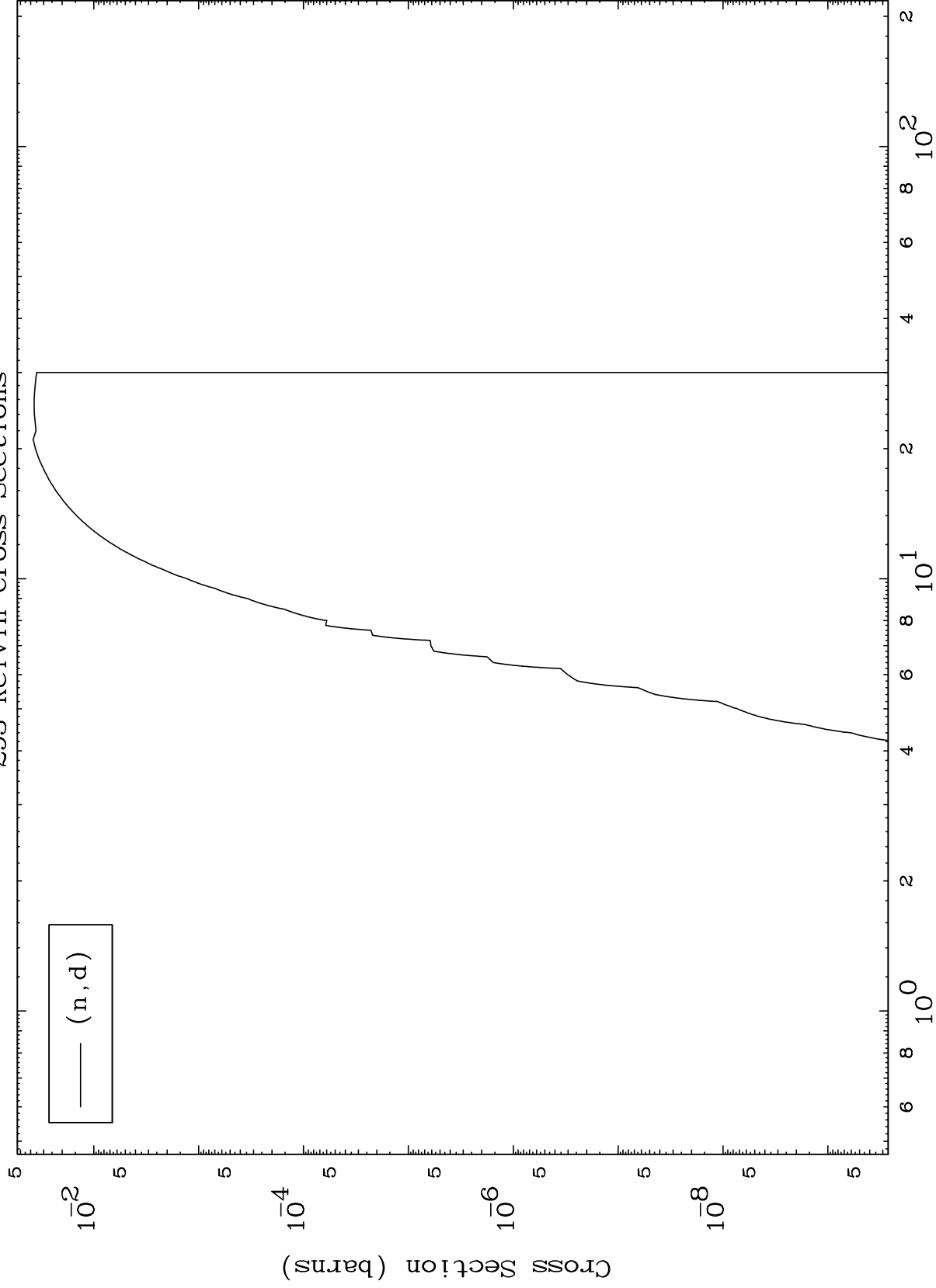
70-Yb-153



MAT 6980

(n,d) Levels  
293 Kelvin Cross Sections

70-Yb-153



10

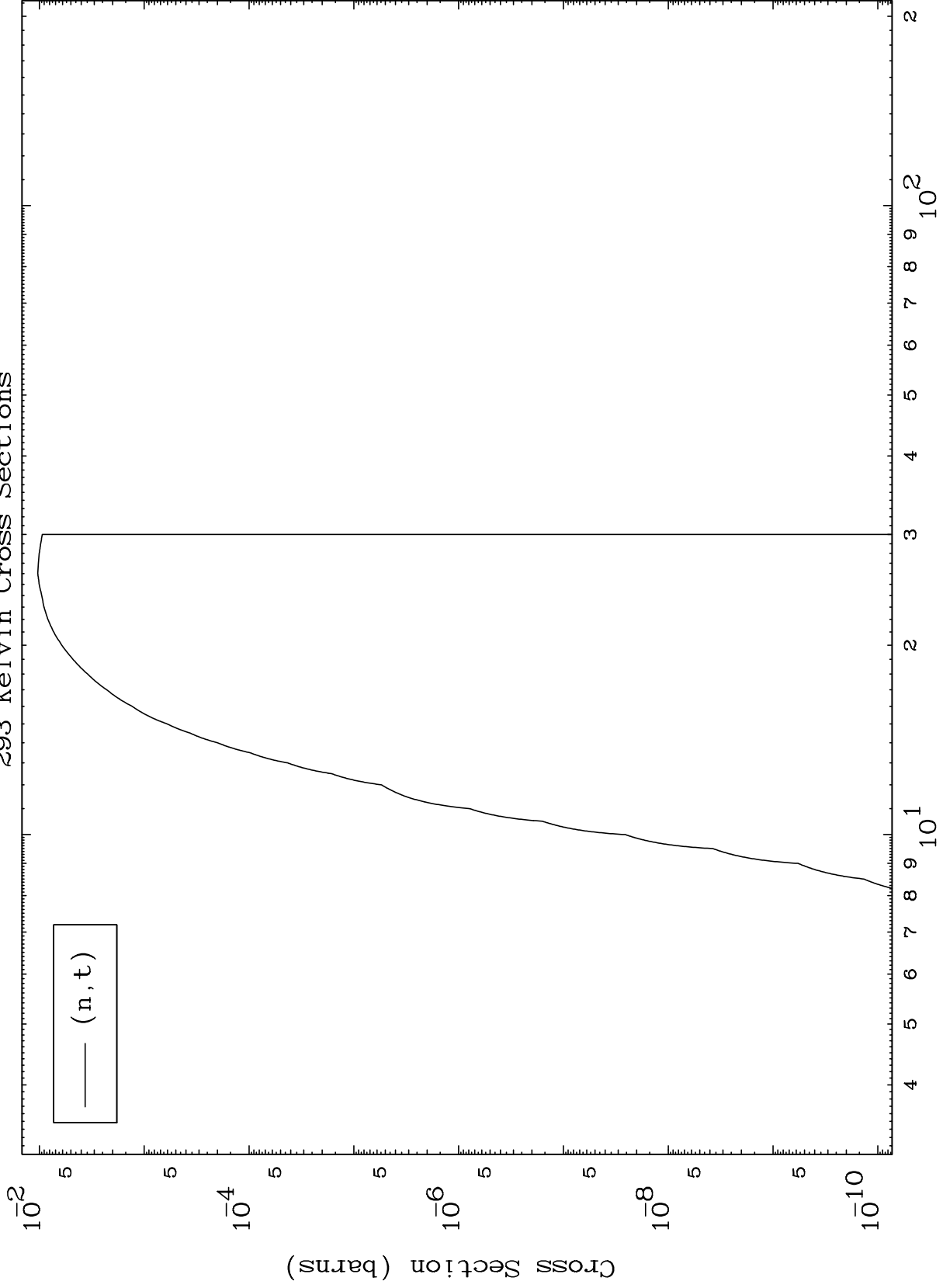
Incident Energy (MeV)

70-Yb-153

MAT 6980

(n,t) Levels  
293 Kelvin Cross Sections

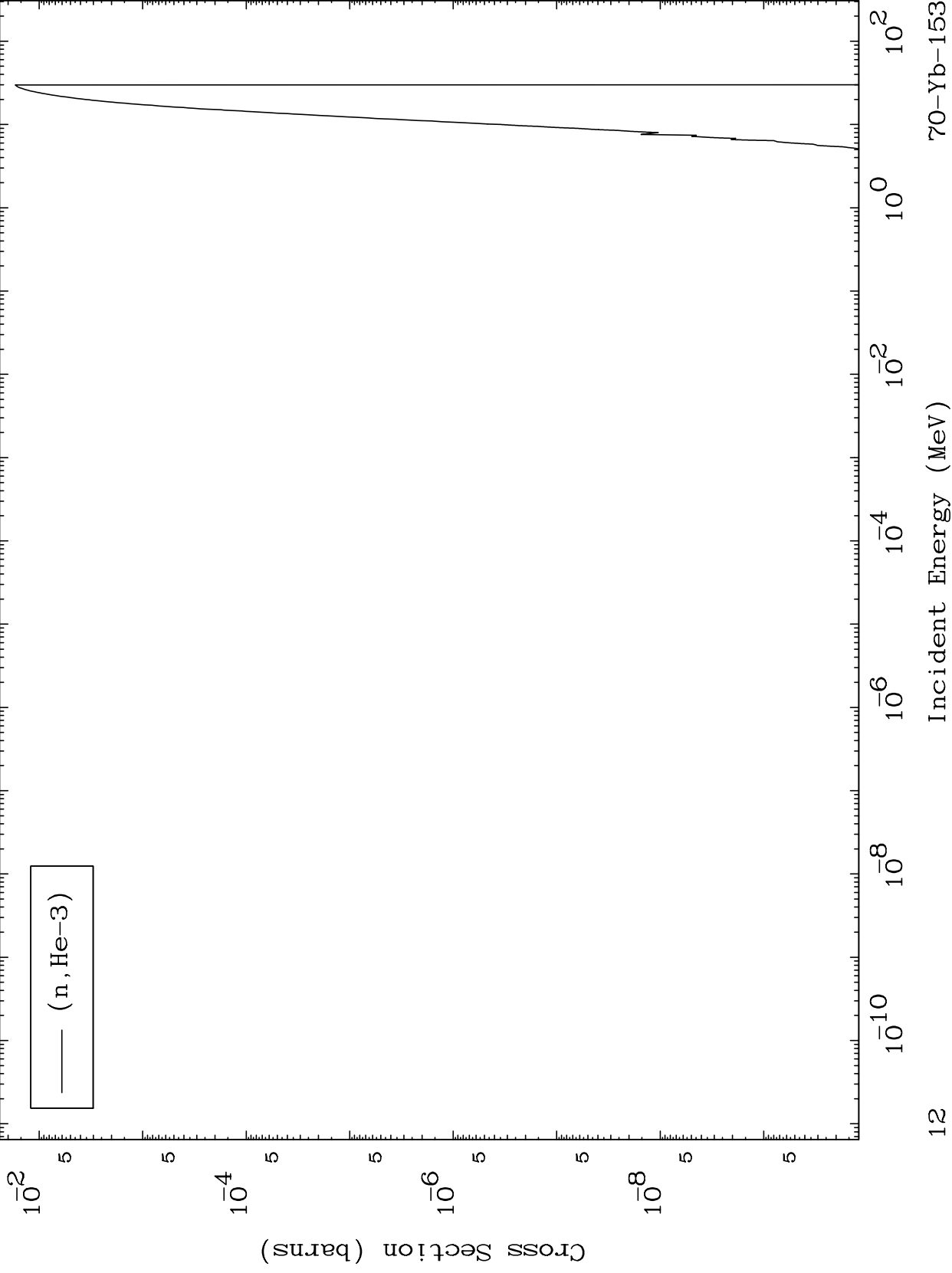
70-Yb-153



MAT 6980

(n,He3) Levels  
293 Kelvin Cross Sections

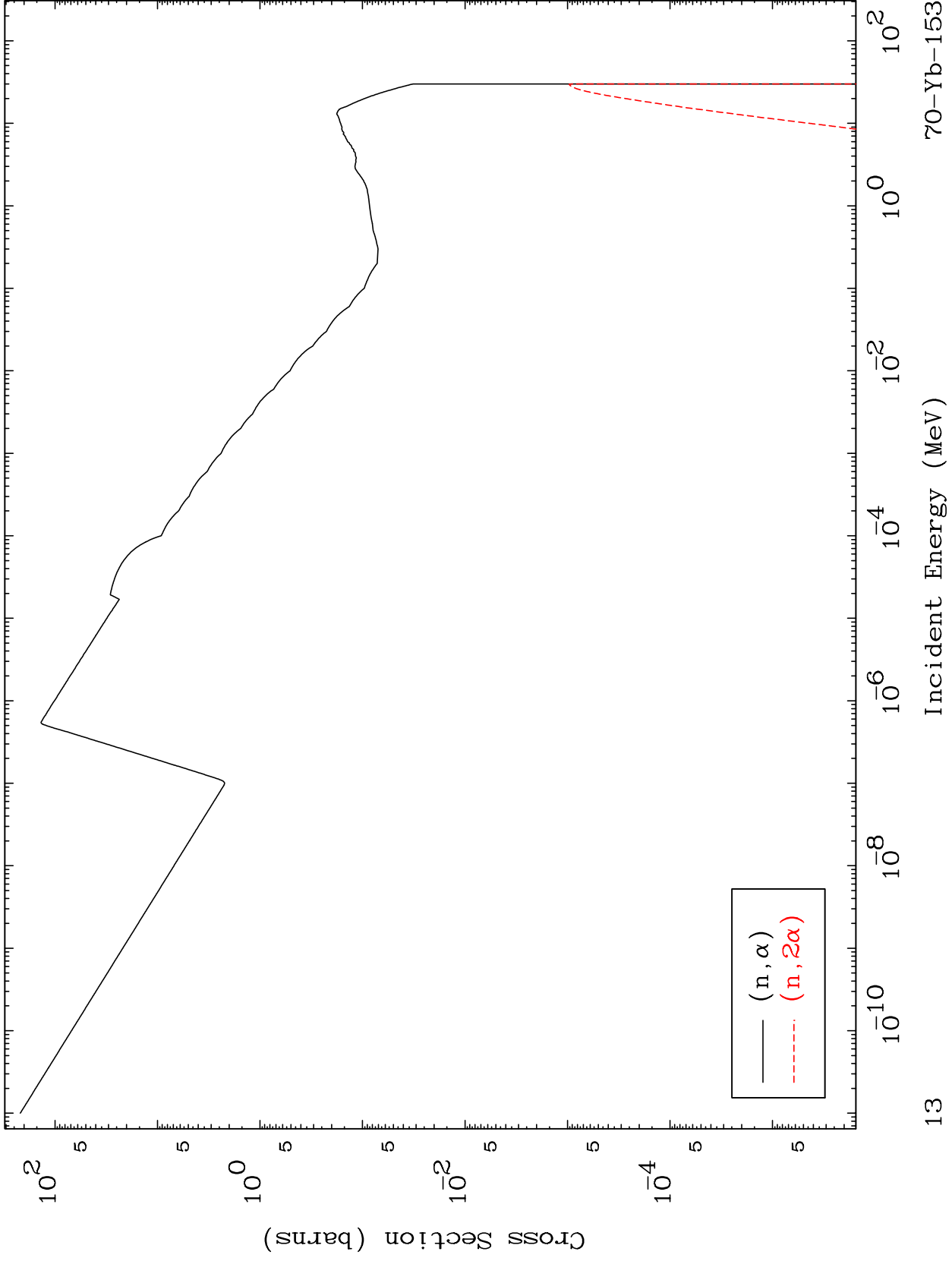
70-Yb-153

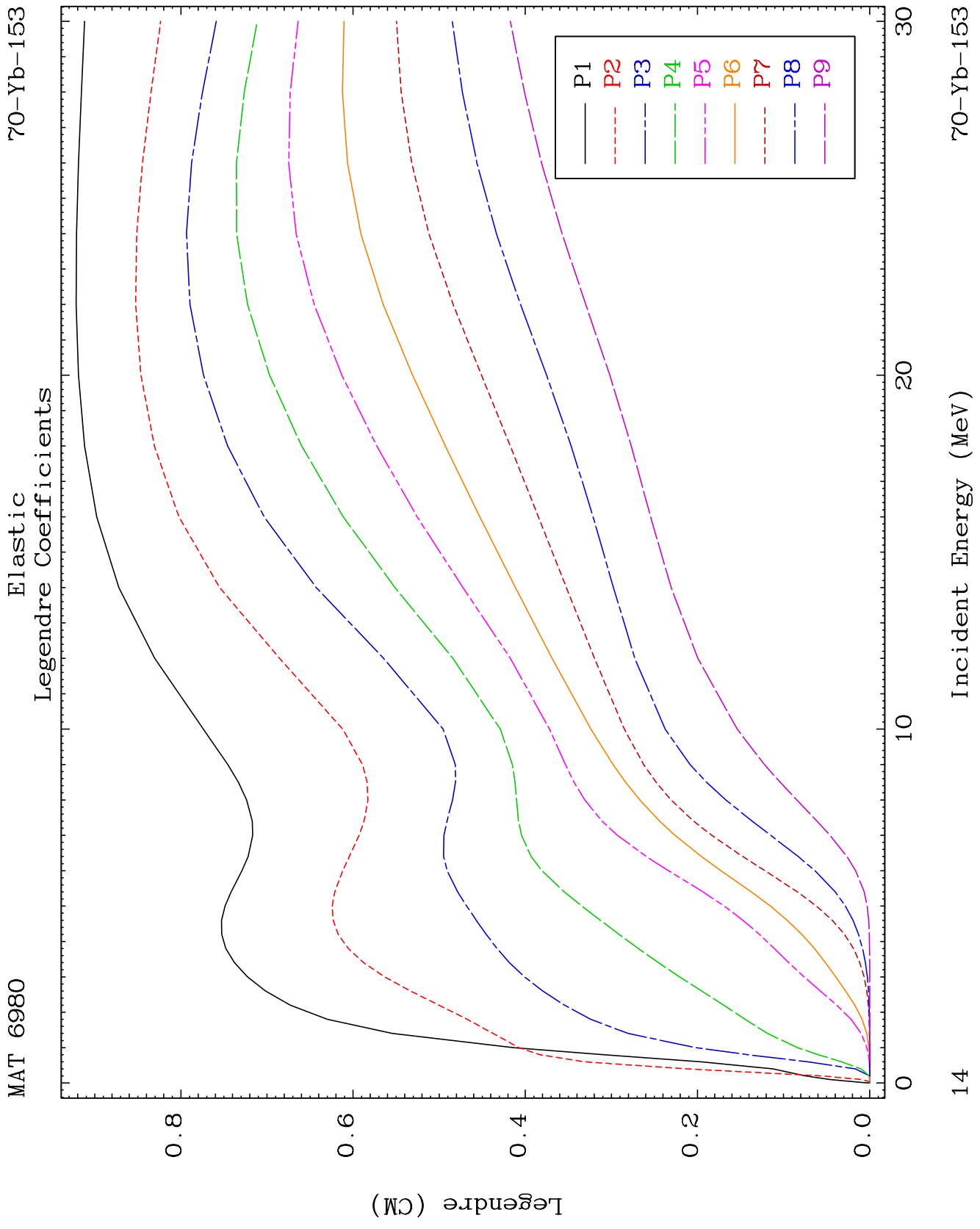


MAT 6980

(n,α) Levels  
293 Kelvin Cross Sections

70-Yb-153

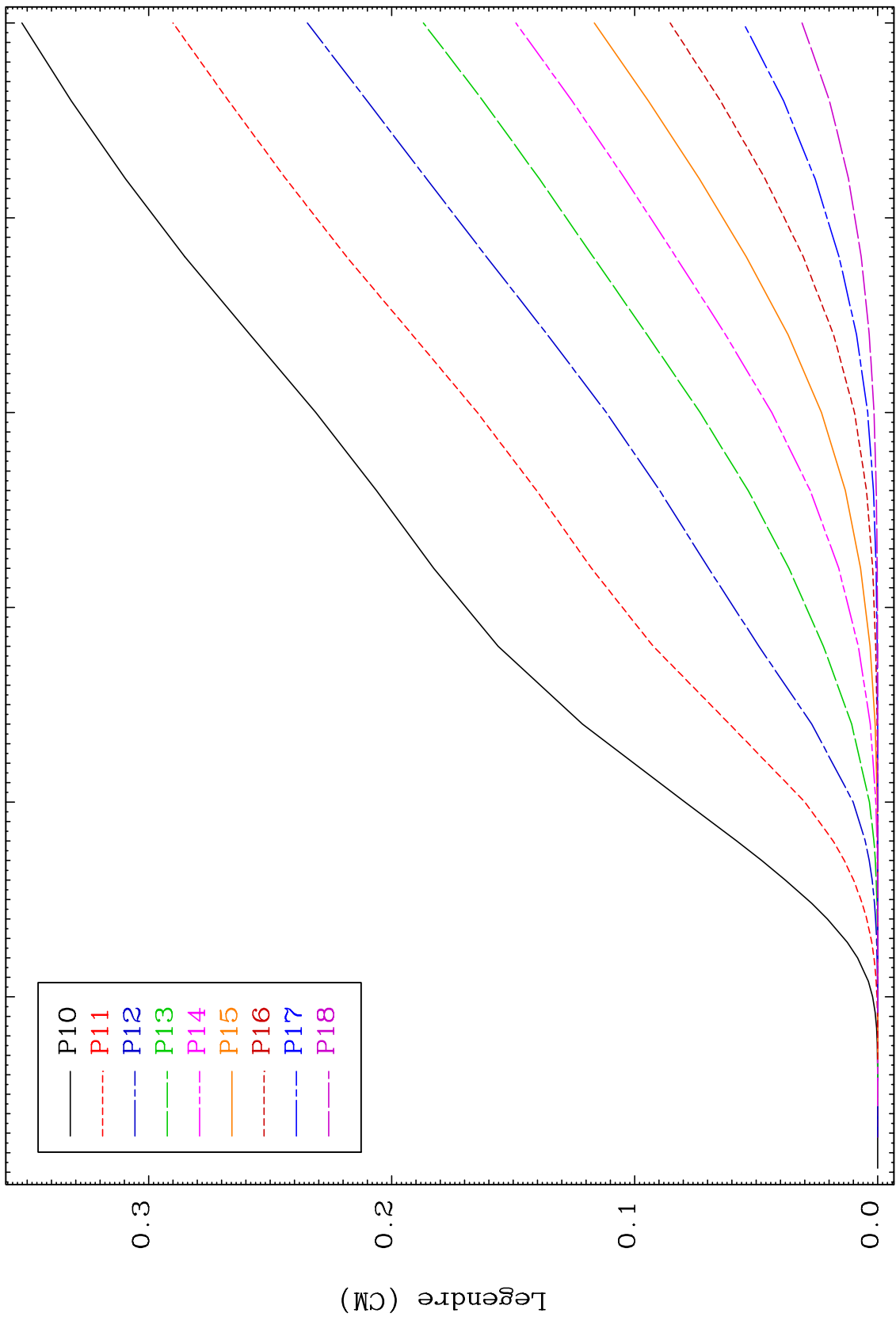




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Elastic Legendre Coefficients

70-Yb-153



15

Incident Energy (MeV)

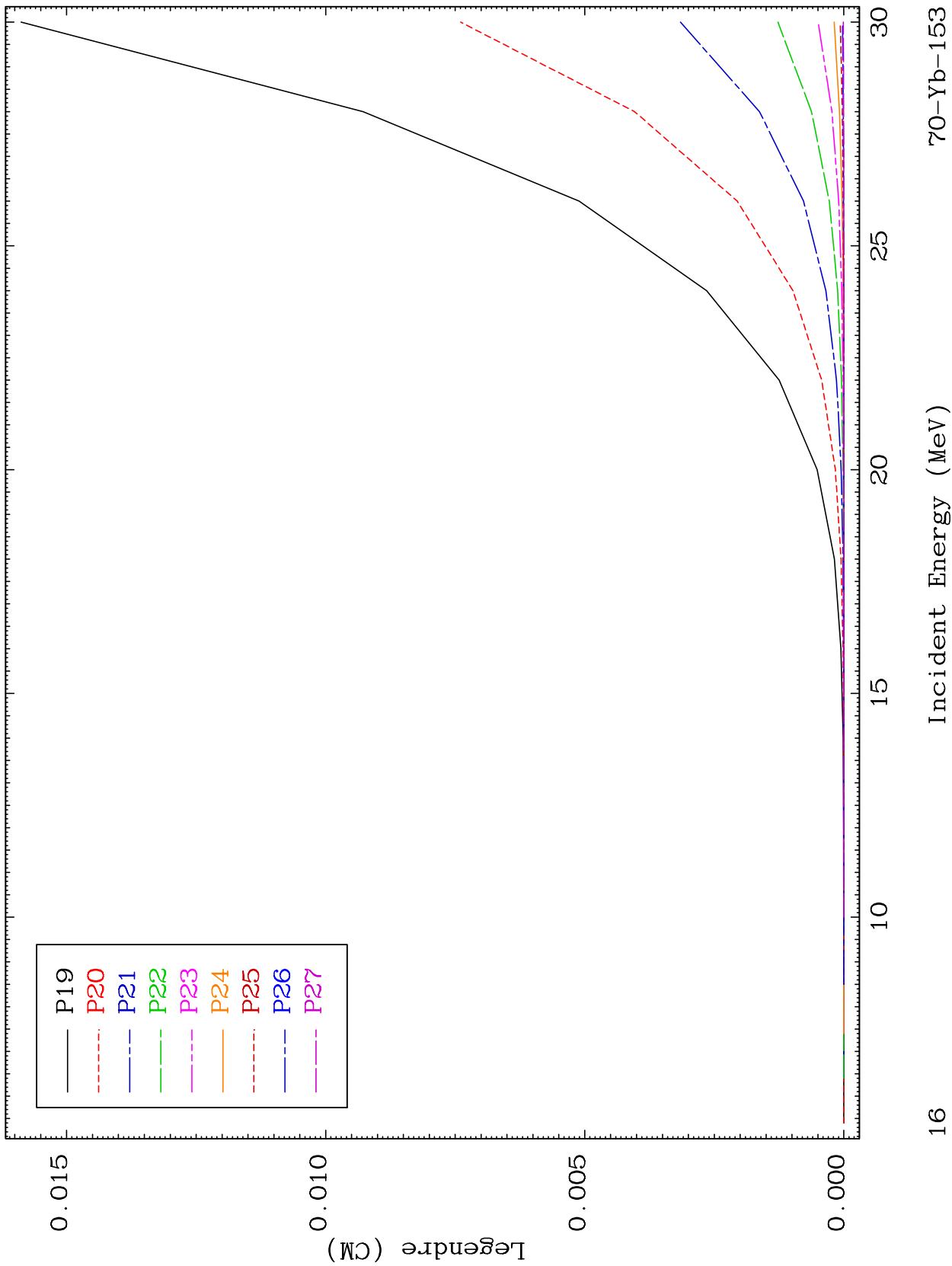
70-Yb-153



MAT 6980

### Elastic Legendre Coefficients

70-Yb-153



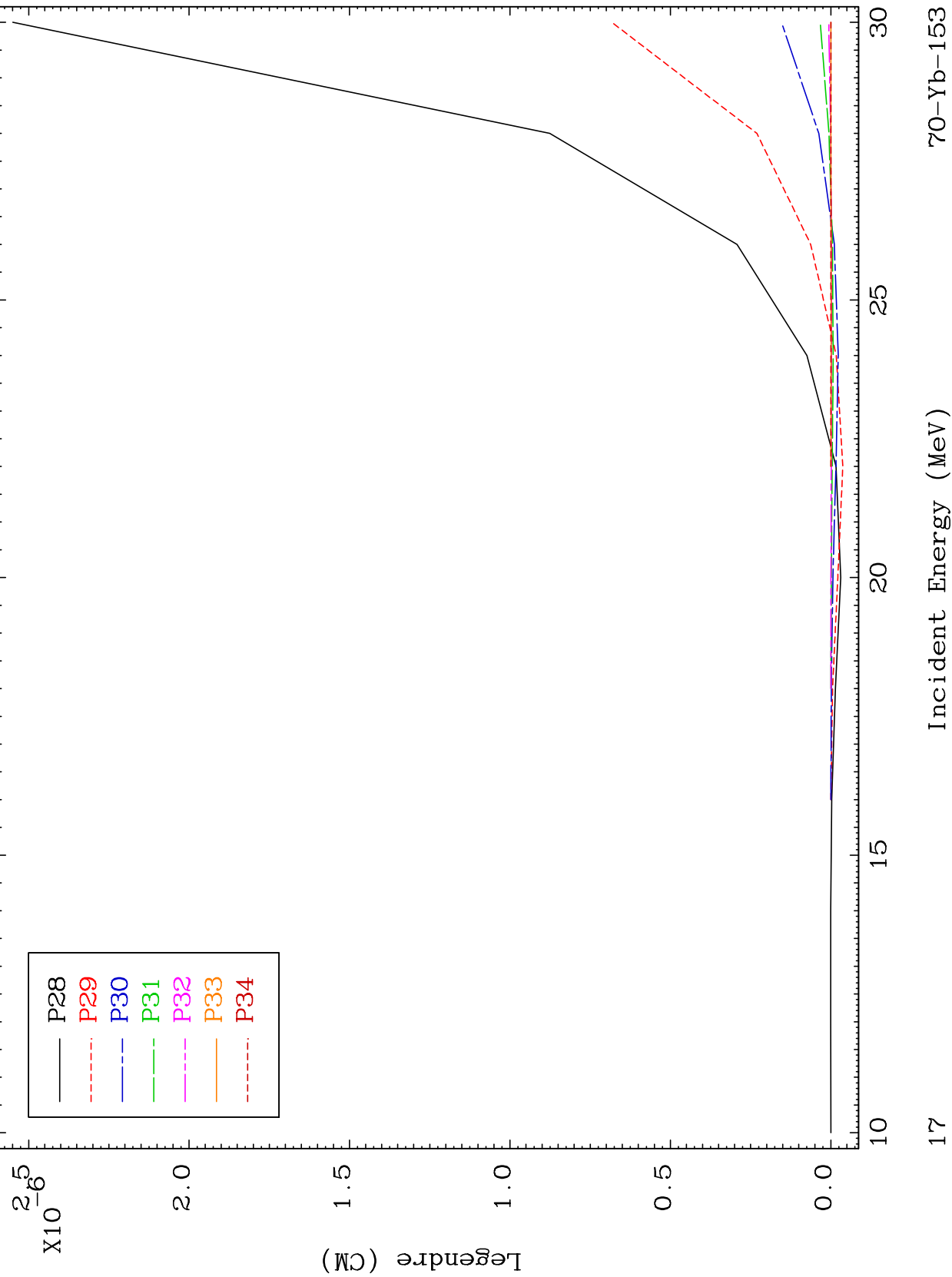
16

70-Yb-153

MAT 6980

Elastic Legendre Coefficients

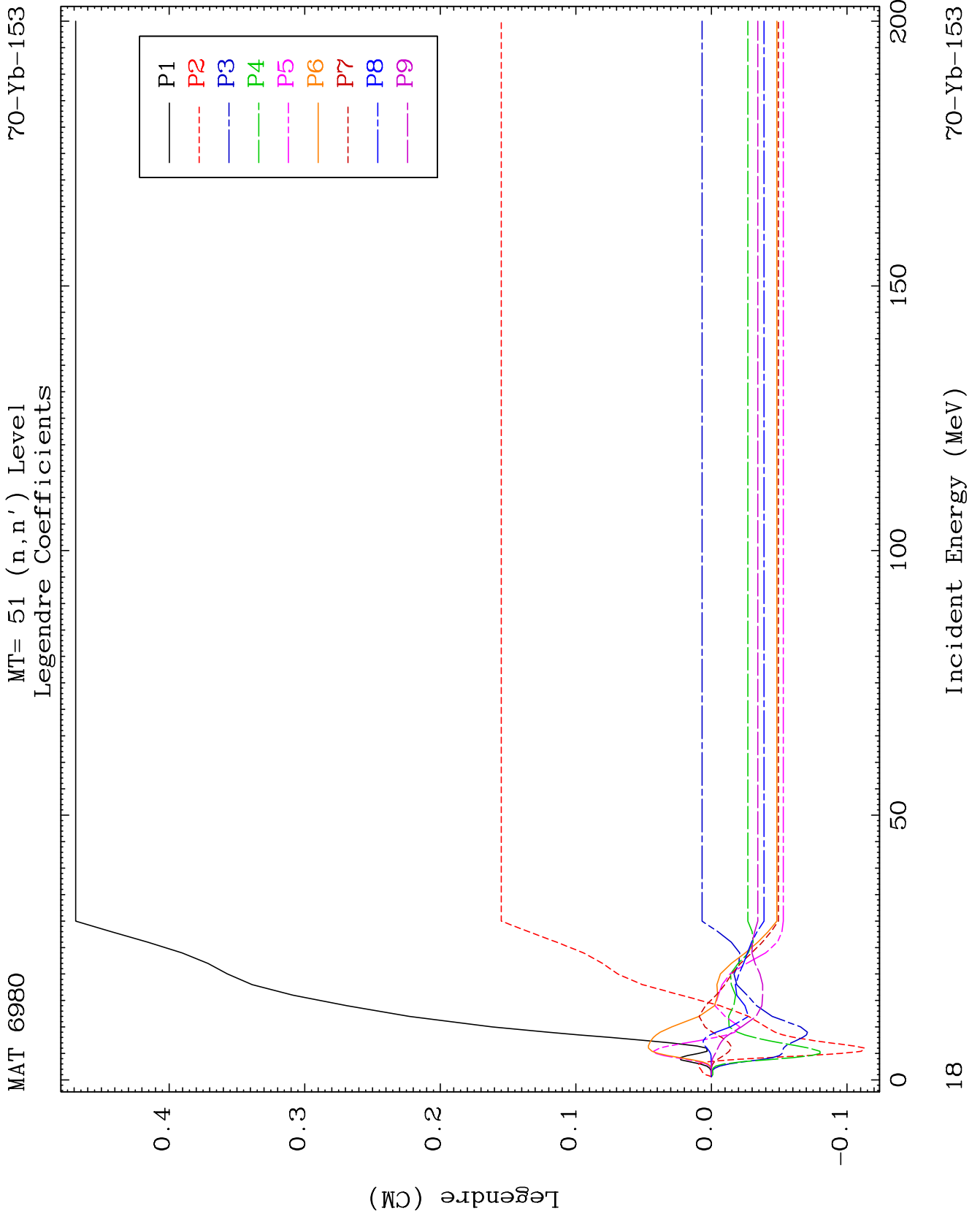
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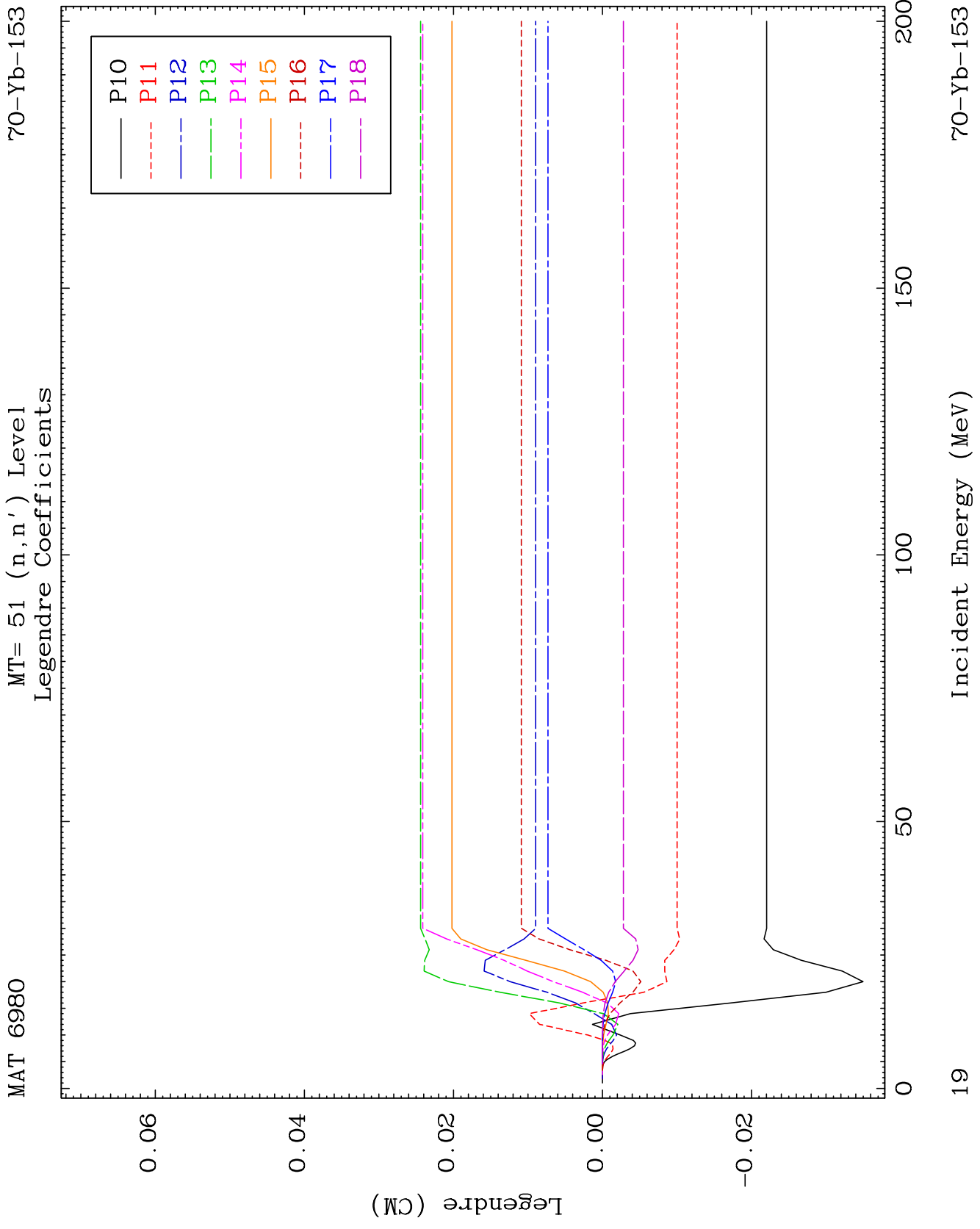


17

Incident Energy (MeV)

70-Yb-153

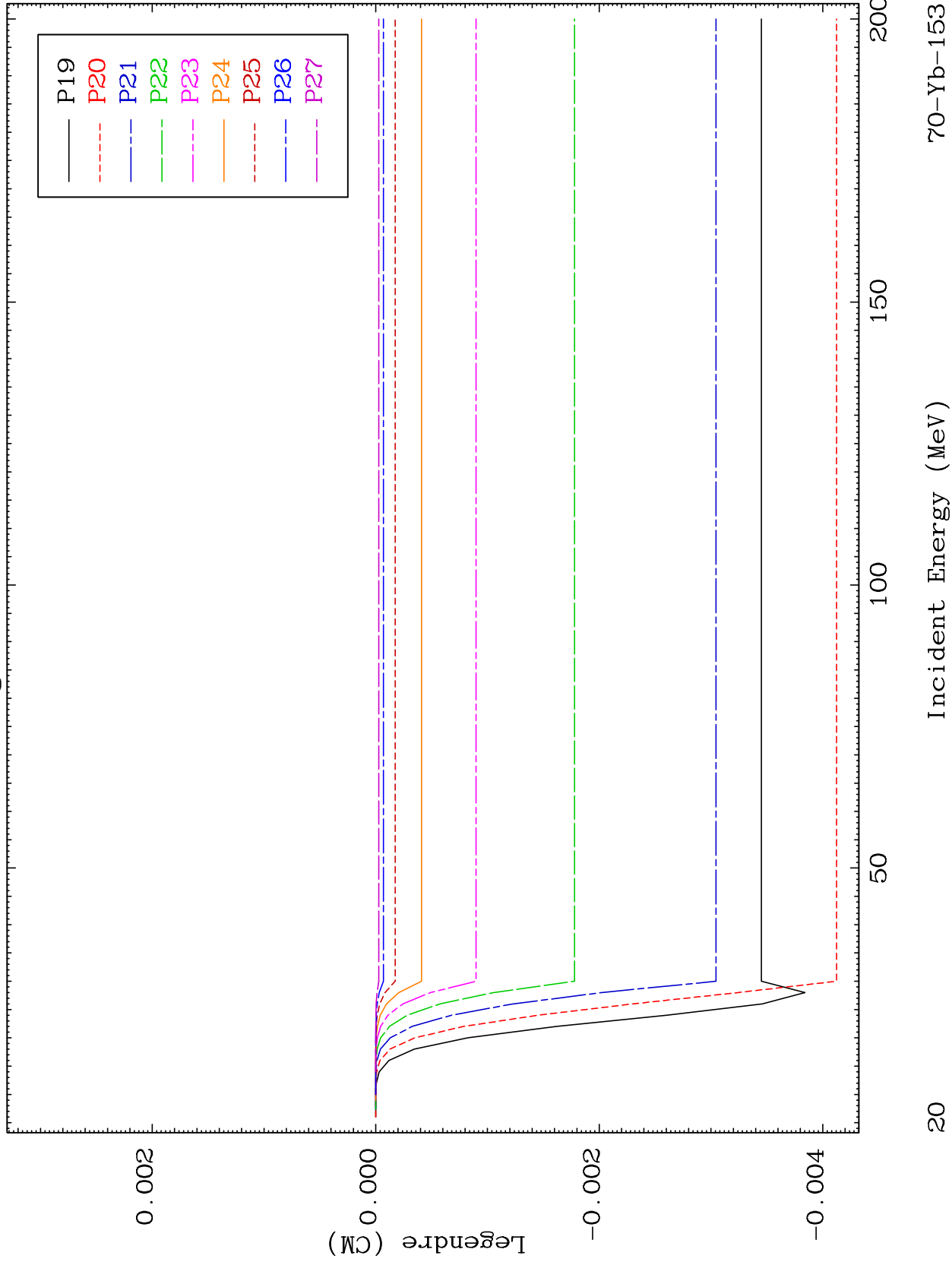




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MT= 51 (n,n') Level  
Legendre Coefficients

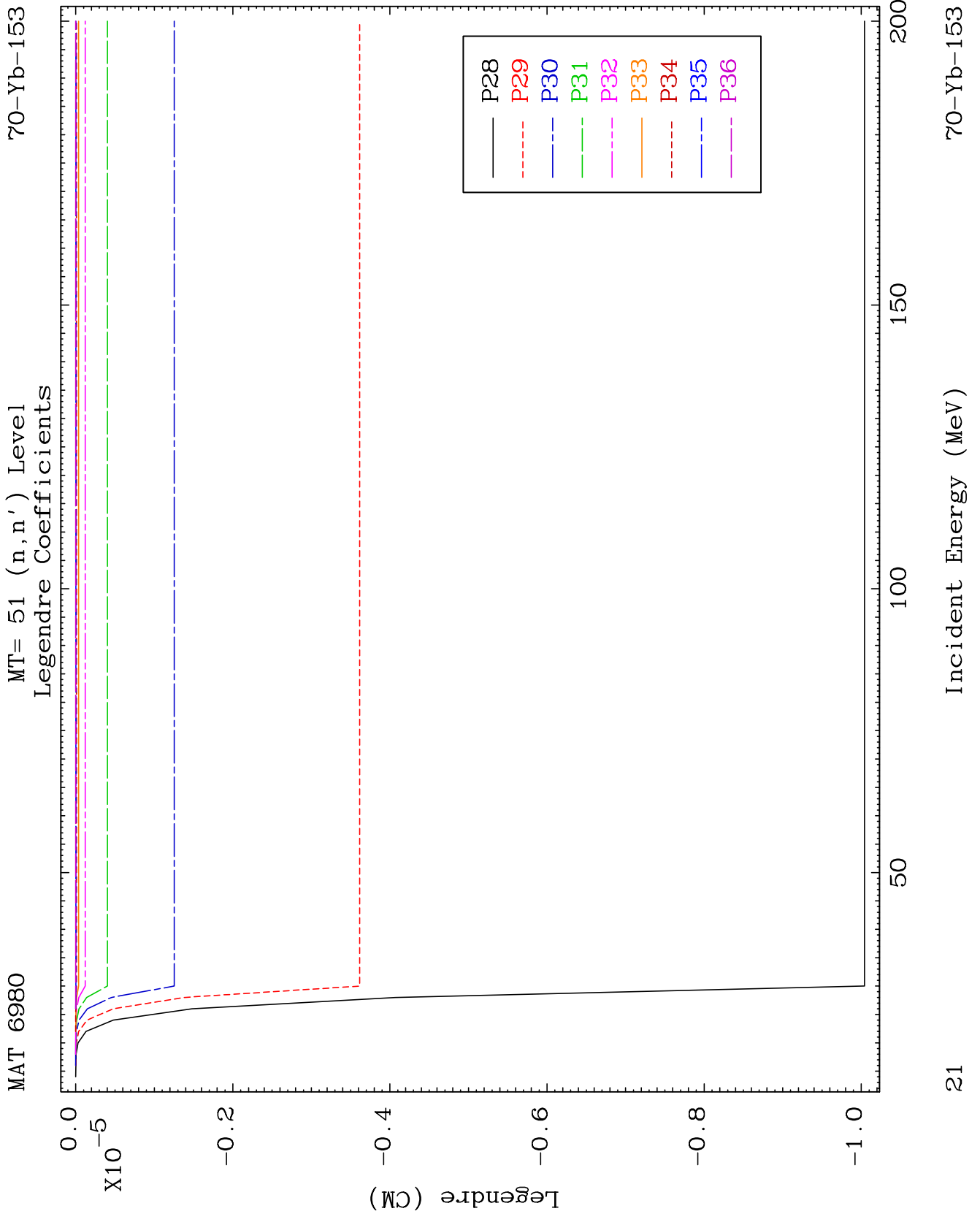
70-Yb-153



20

Incident Energy (MeV)

70-Yb-153

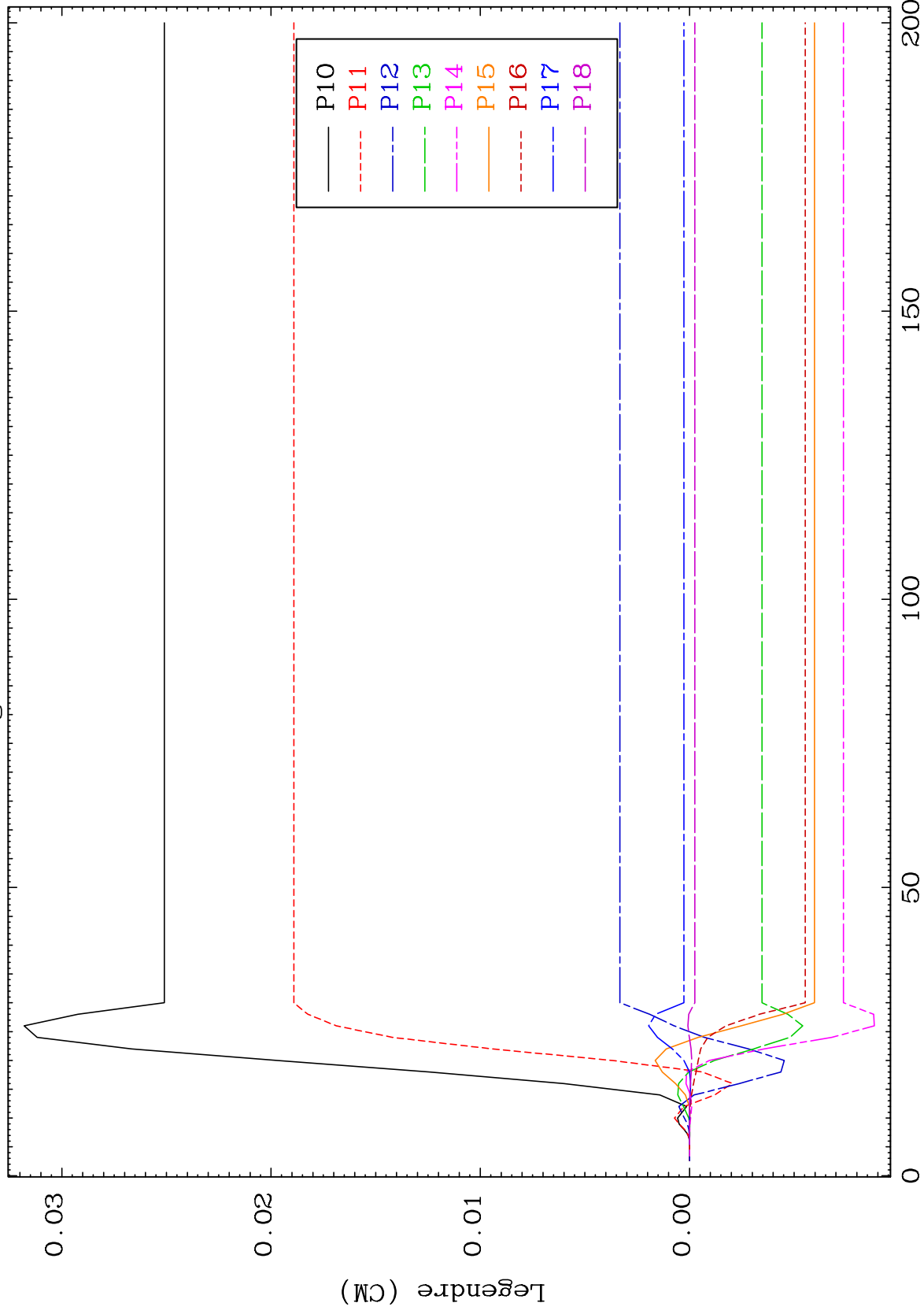




MAT 6980

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

70-Yb-153



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Incident Energy (MeV)

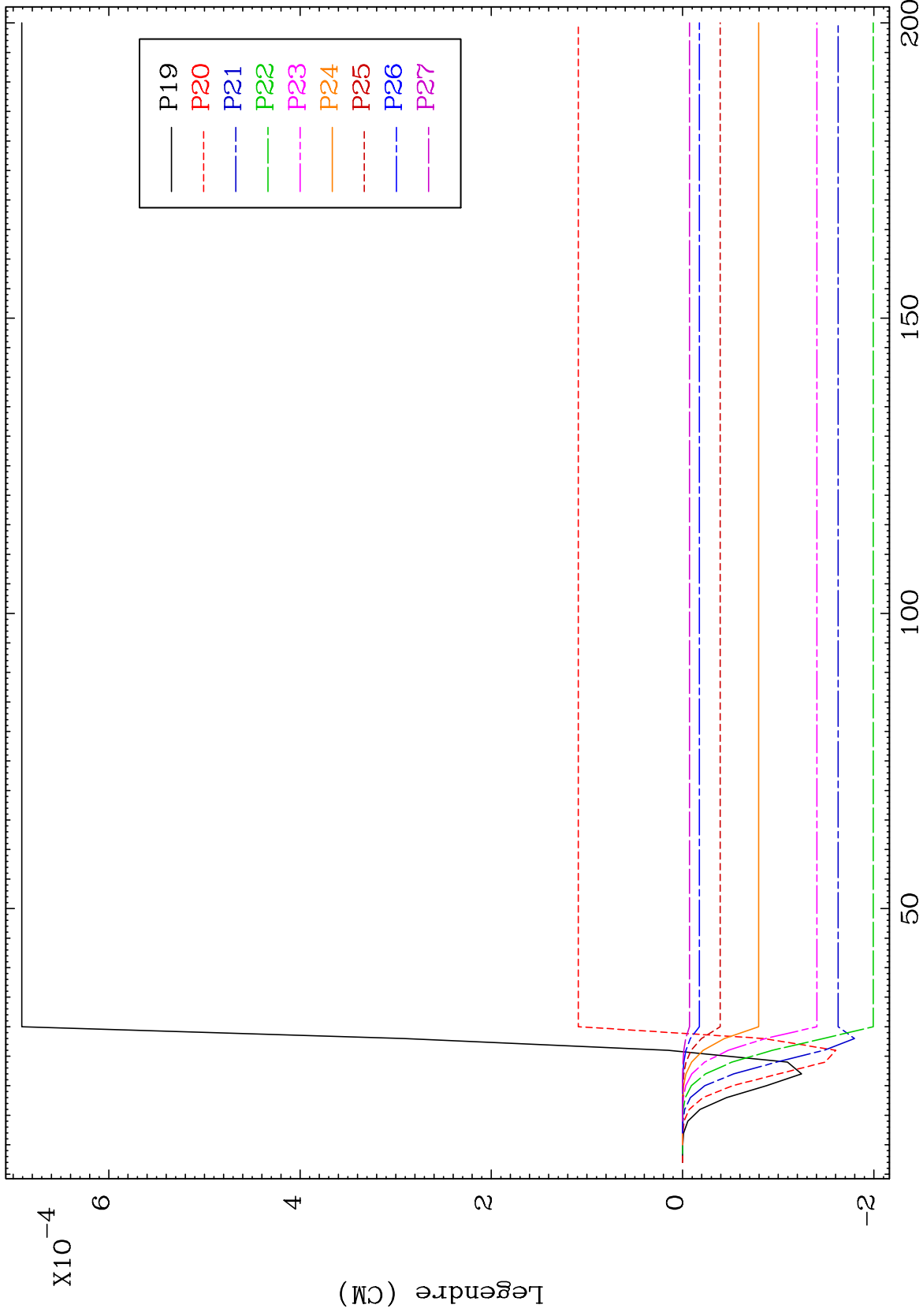
70-Yb-153



MAT 6980

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

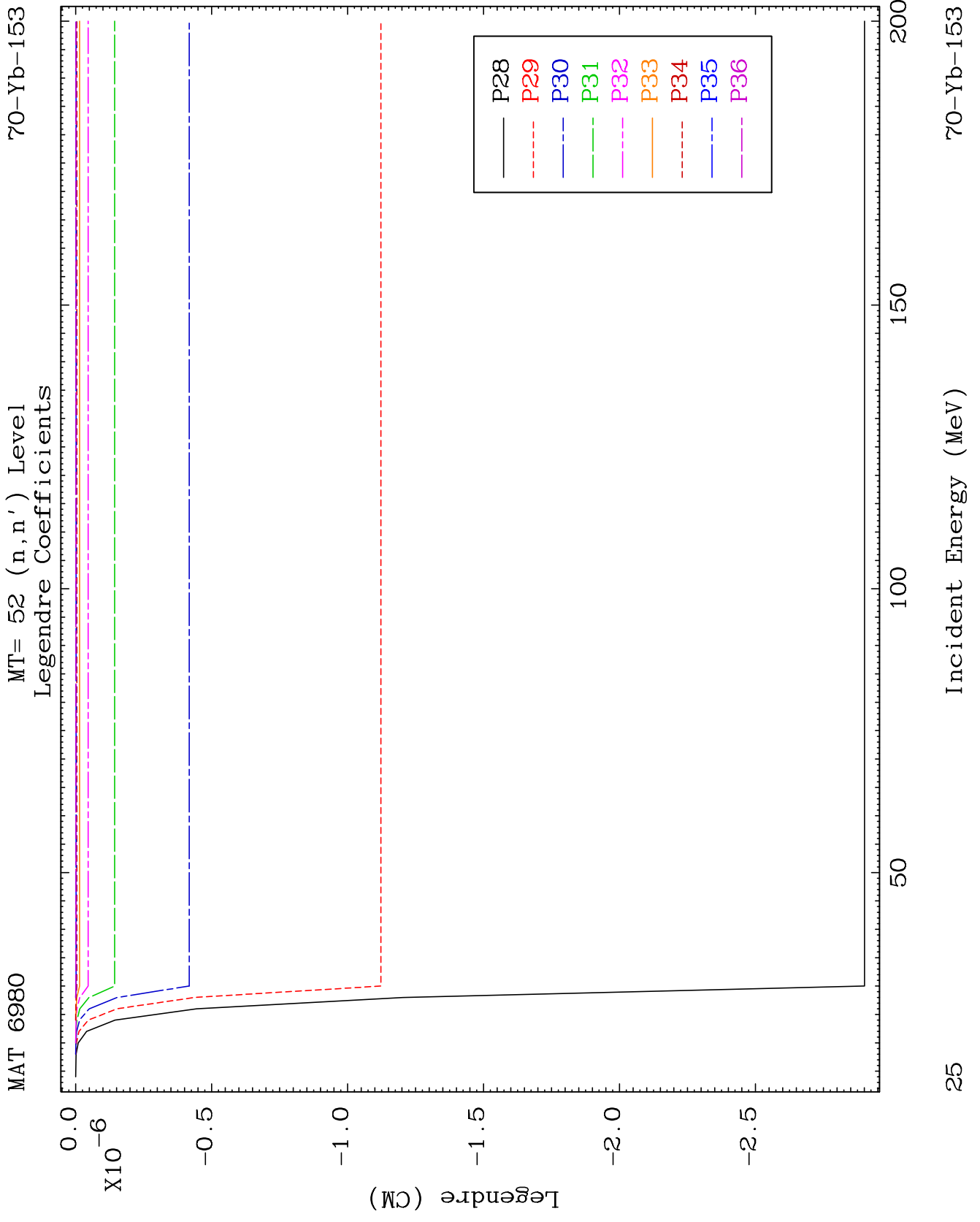
70-Yb-153



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Incident Energy (MeV)

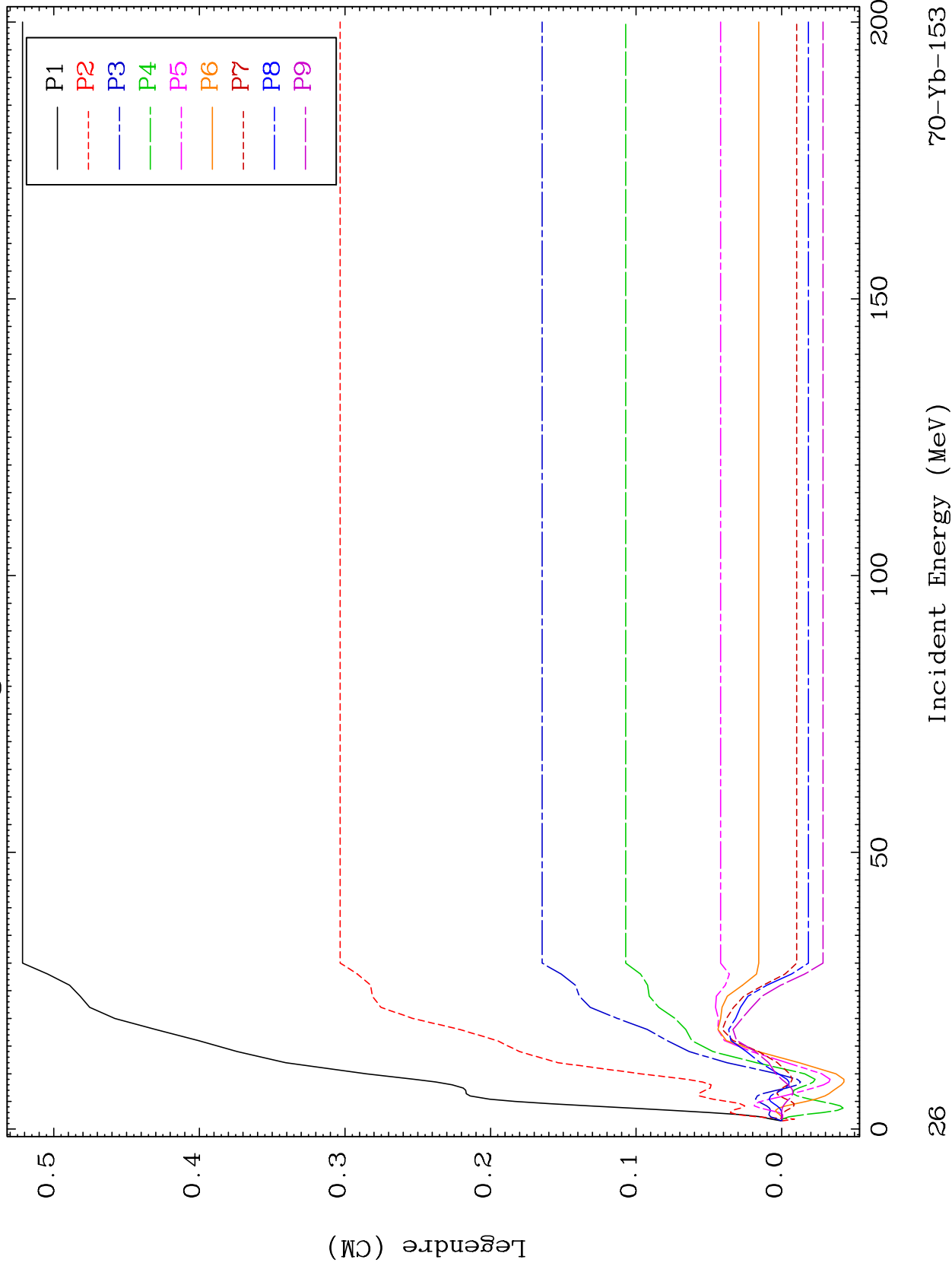
70-Yb-153



MAT 6980

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

70-Yb-153



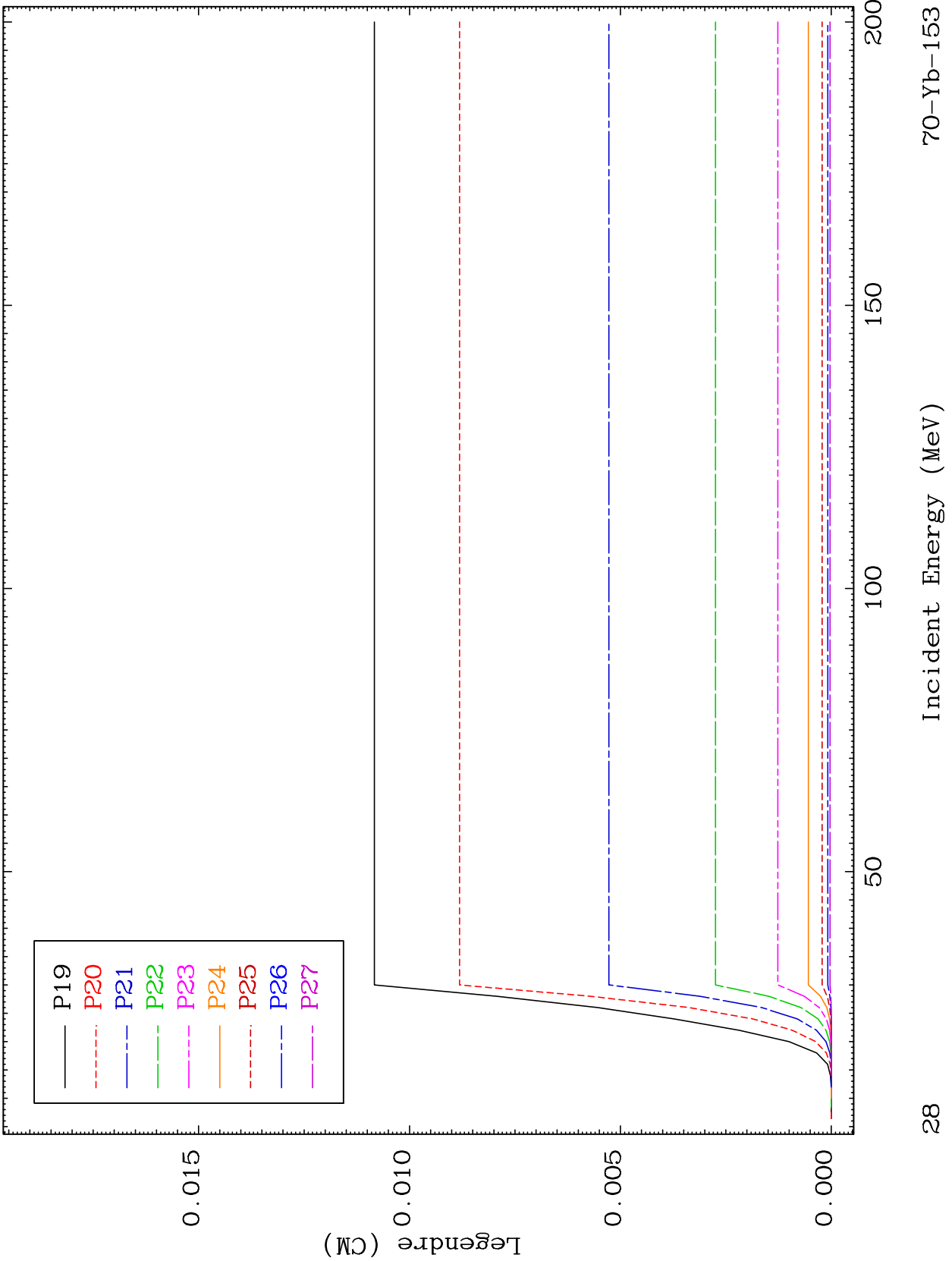
26



MAT 6980

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

70-Yb-153



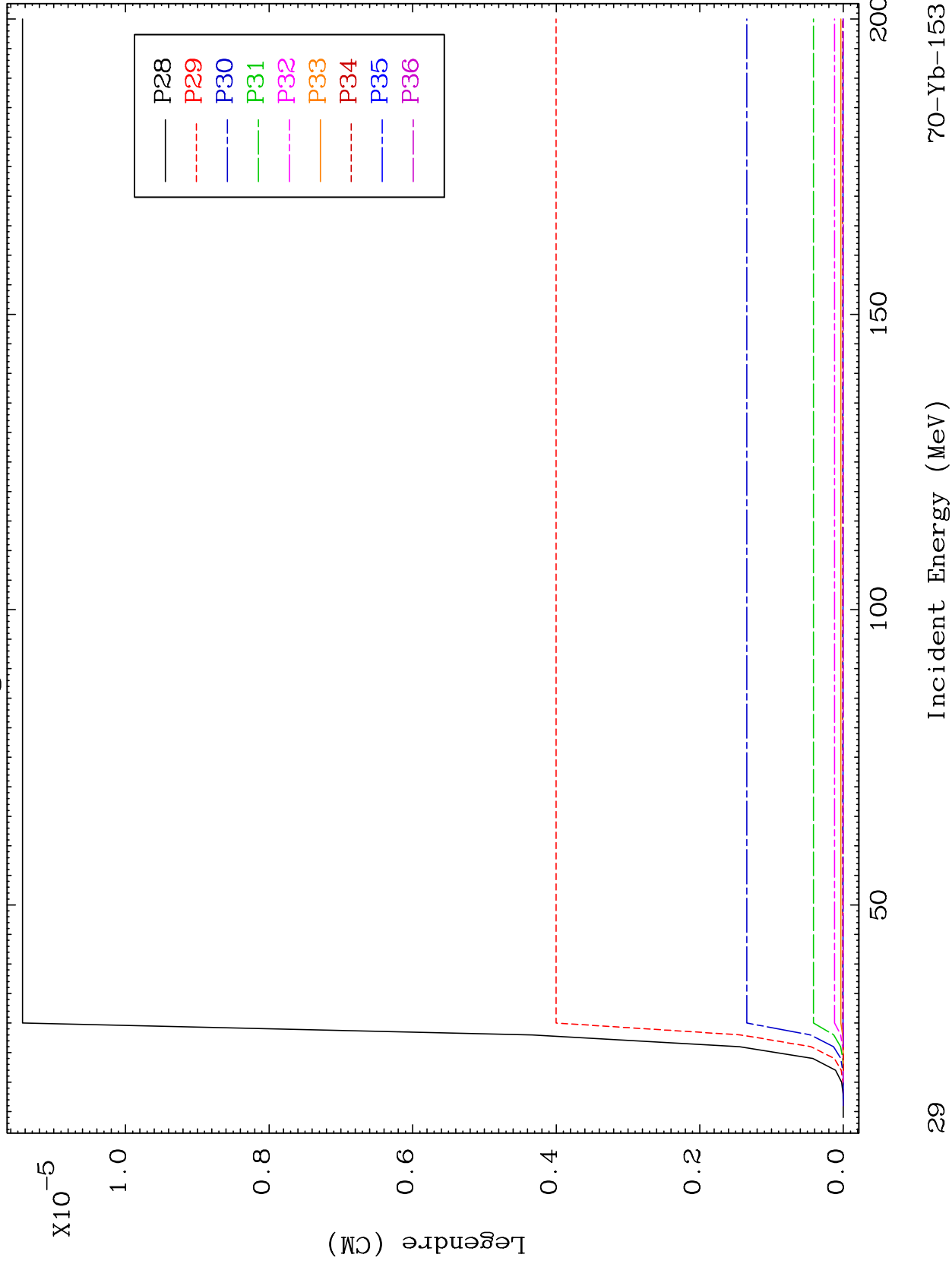
28

70-Yb-153

MAT 6980

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

70-Yb-153

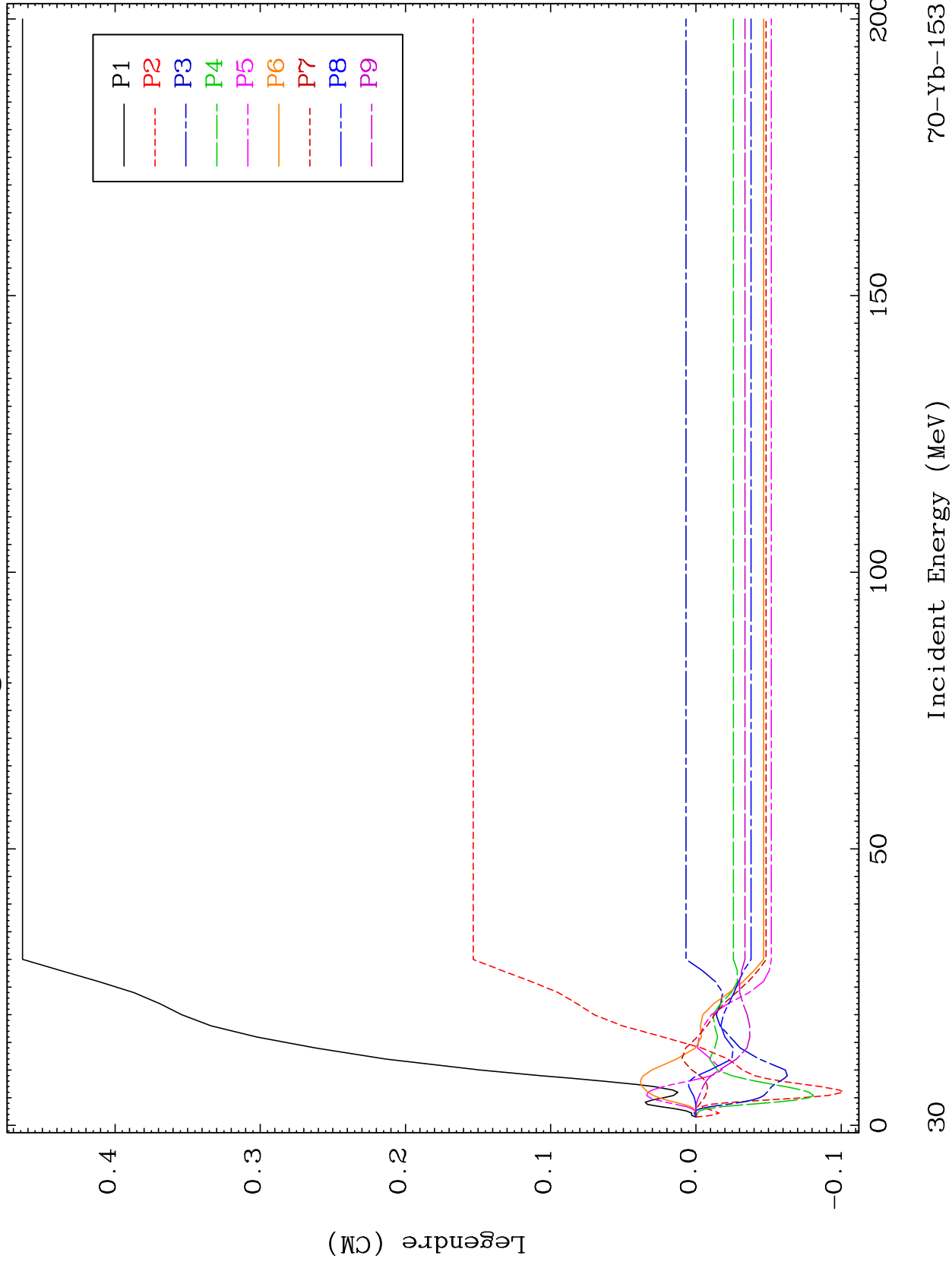


29

MAT 6980

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

70-Yb-153



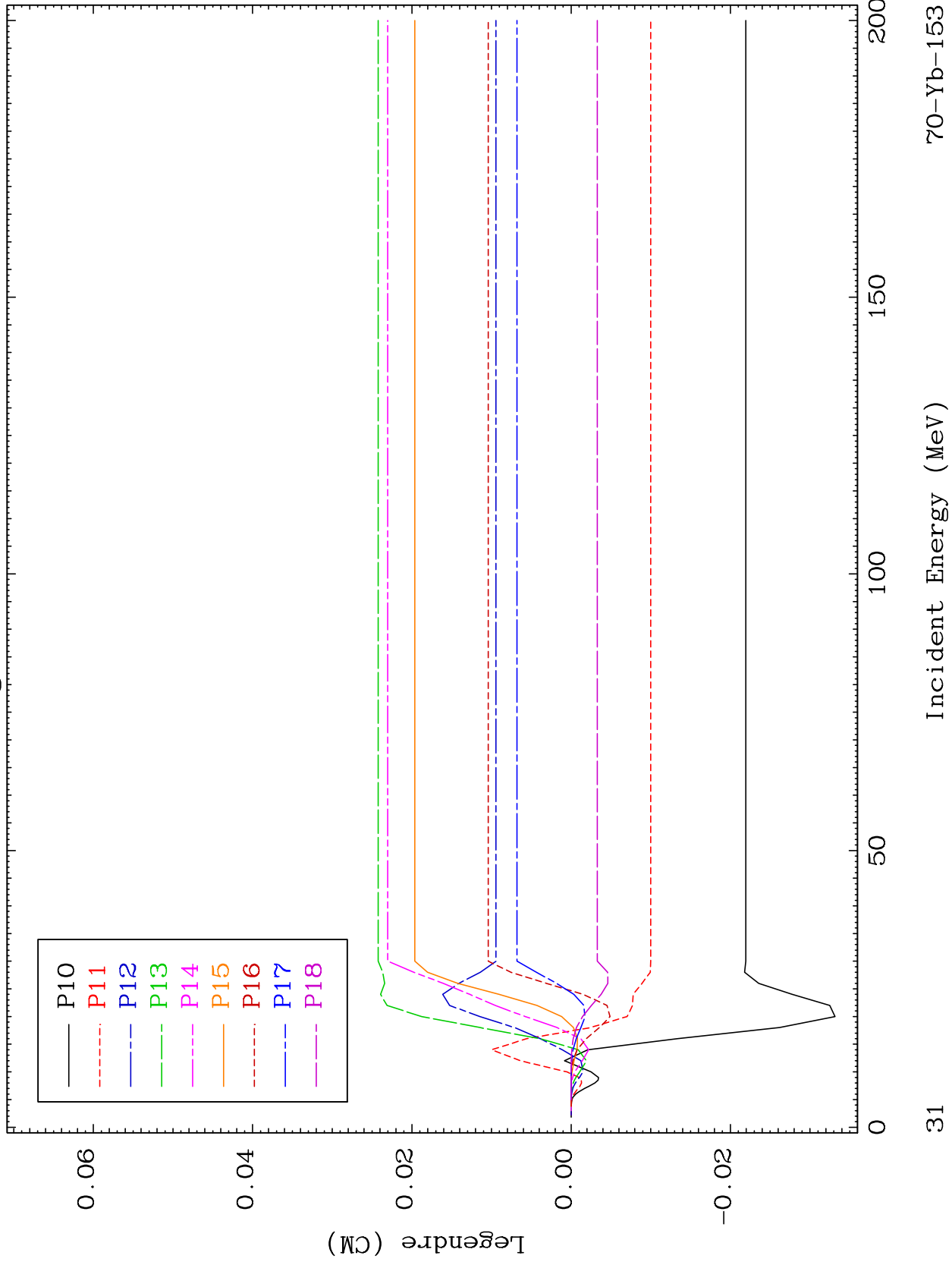
70-Yb-153

Incident Energy (MeV)

MAT 6980

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

70-Yb-153



31

Incident Energy (MeV)

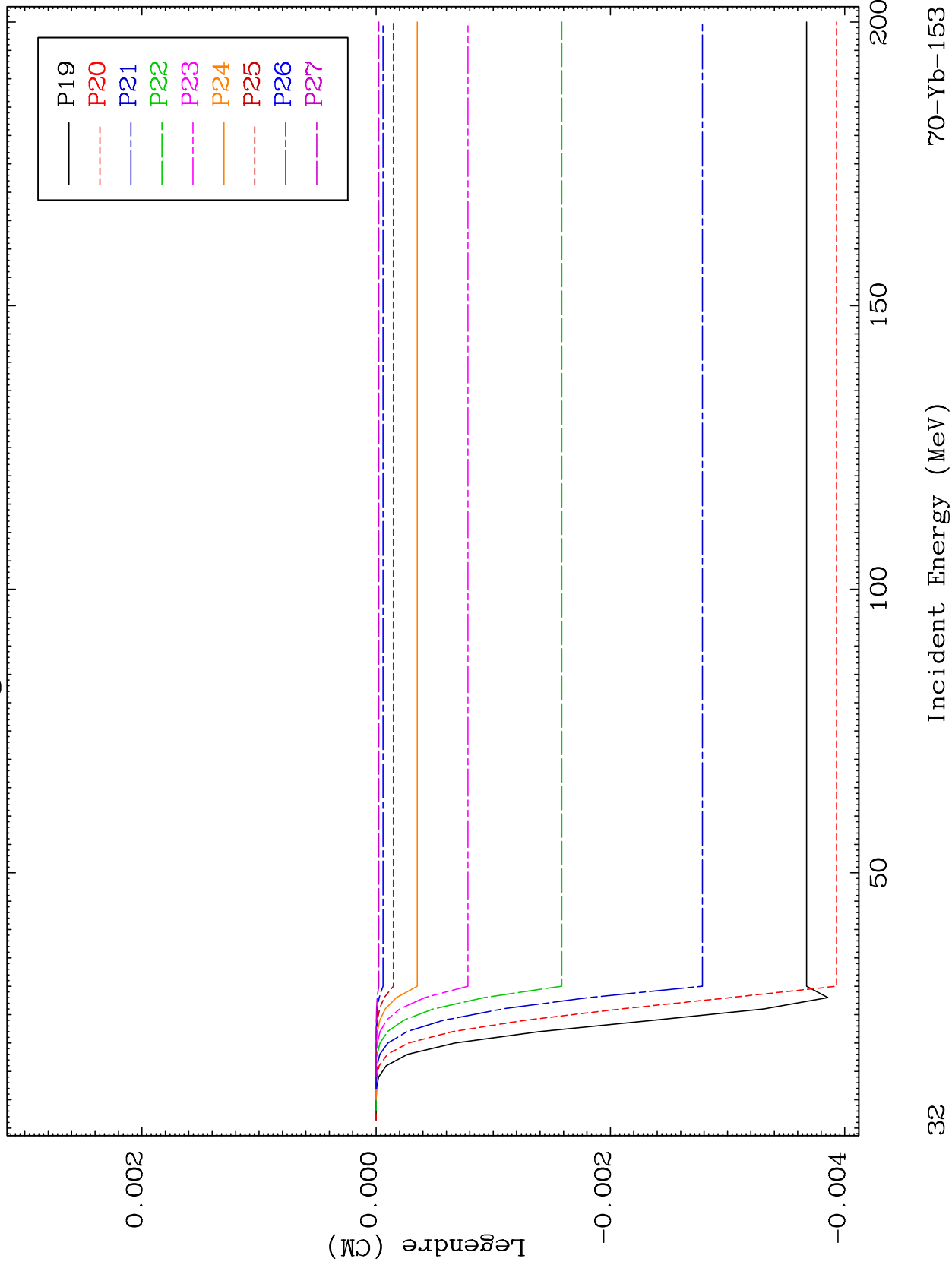
70-Yb-153



MAT 6980

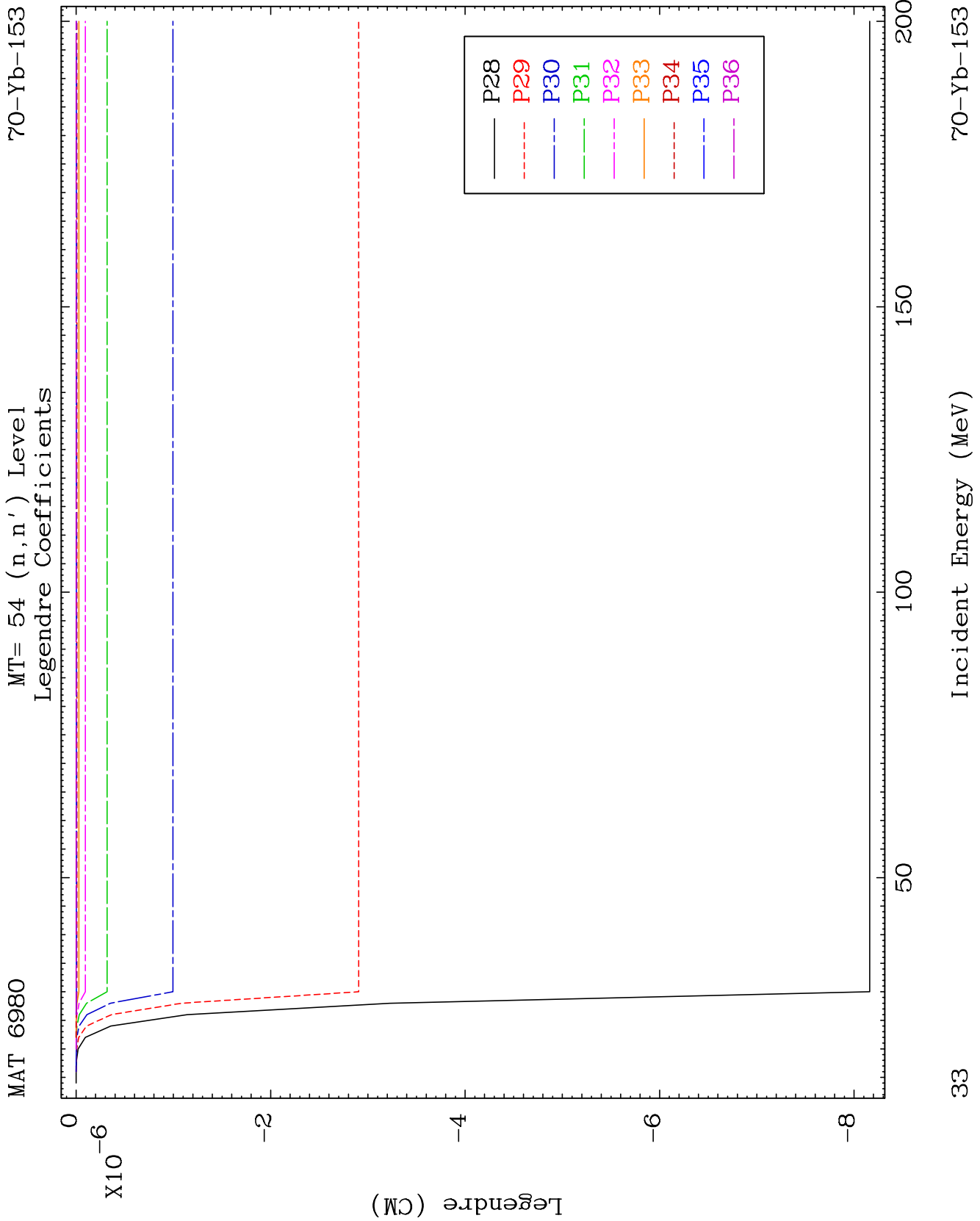
MT= 54 (n,n') Level  
Legendre Coefficients

70-Yb-153



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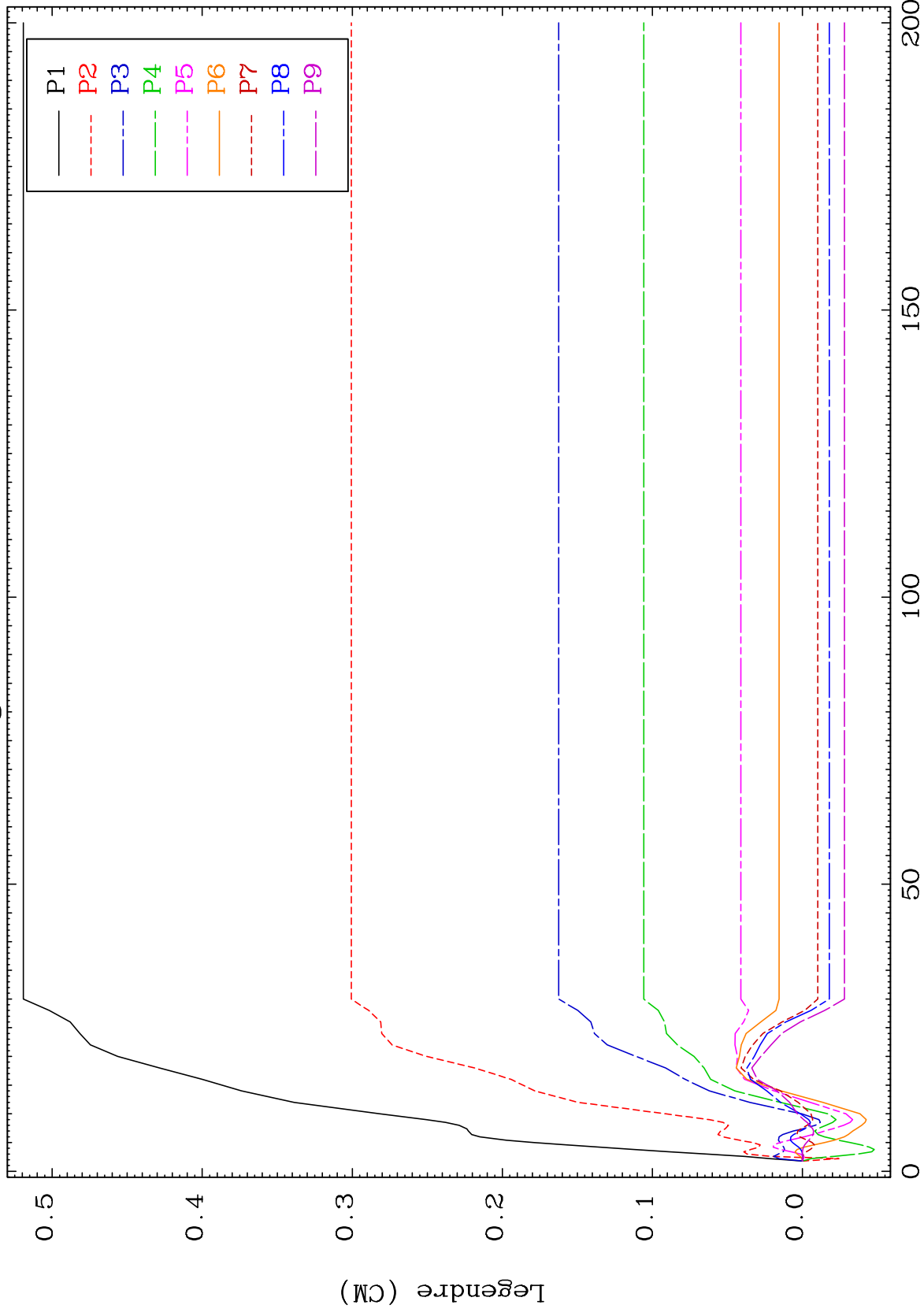
70-Yb-153



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

70-Yb-153



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Incident Energy (MeV)

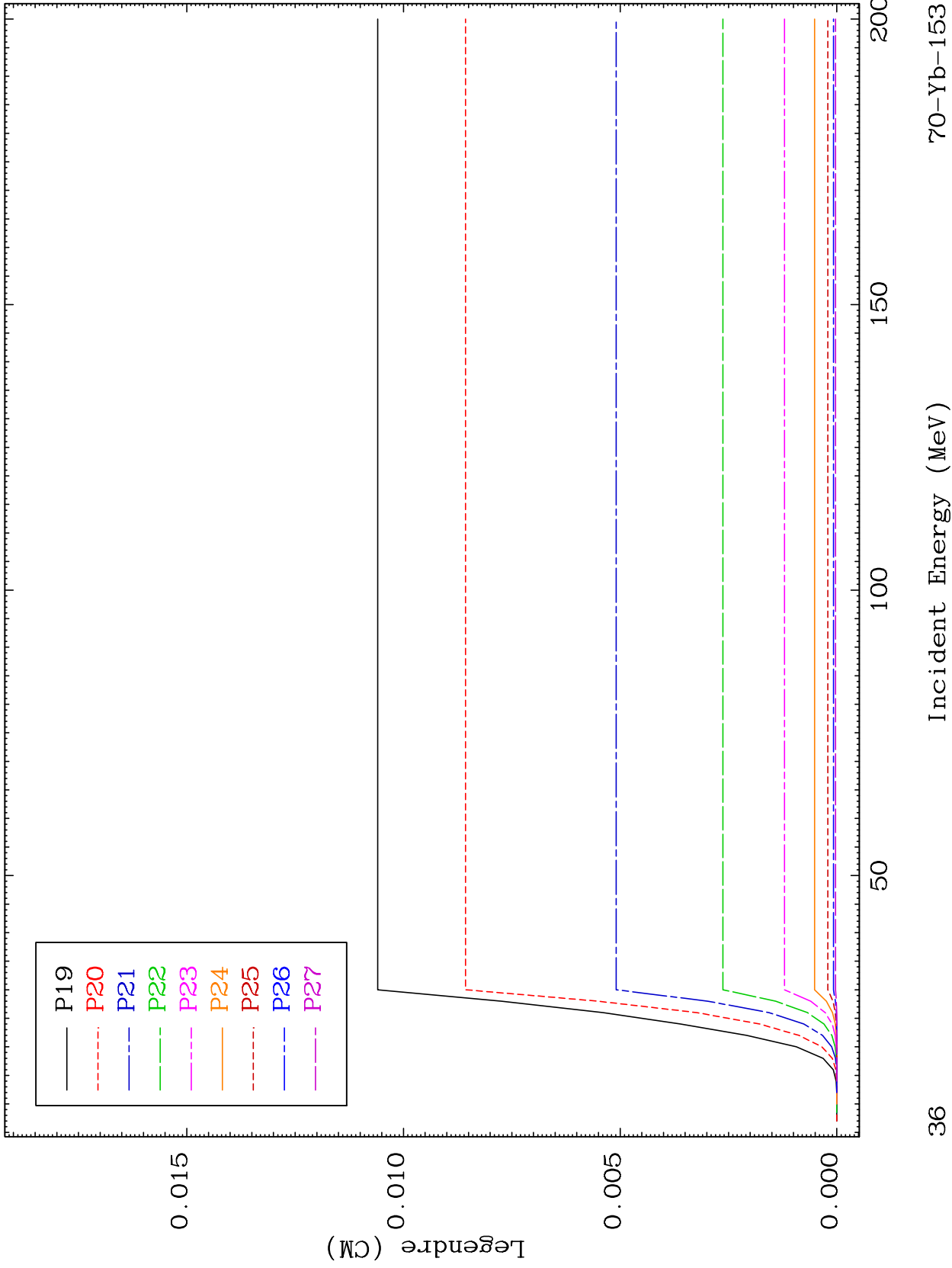
70-Yb-153



MAT 6980

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

70-Yb-153



36

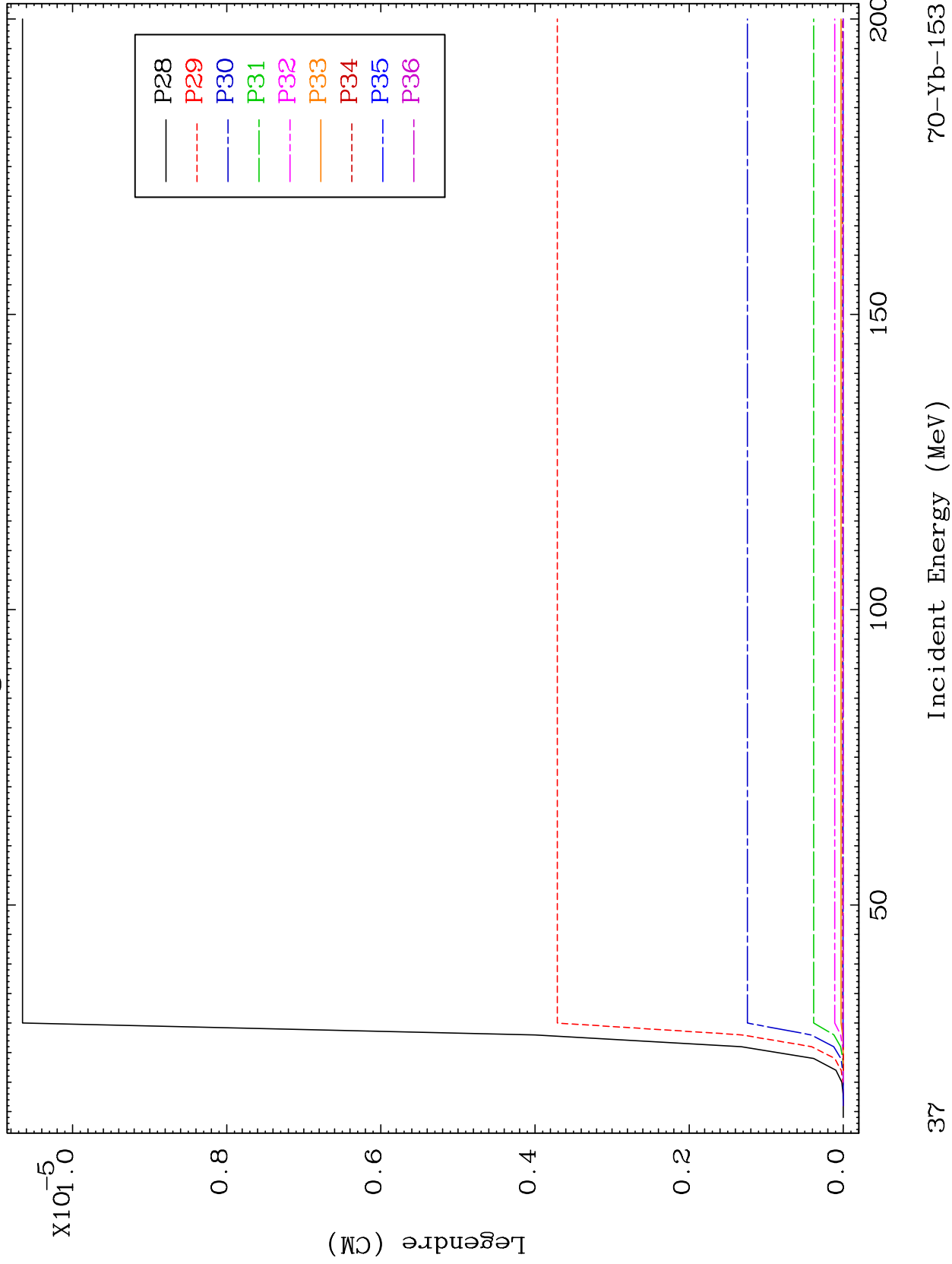
Incident Energy (MeV)

70-Yb-153

MAT 6980

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

70-Yb-153



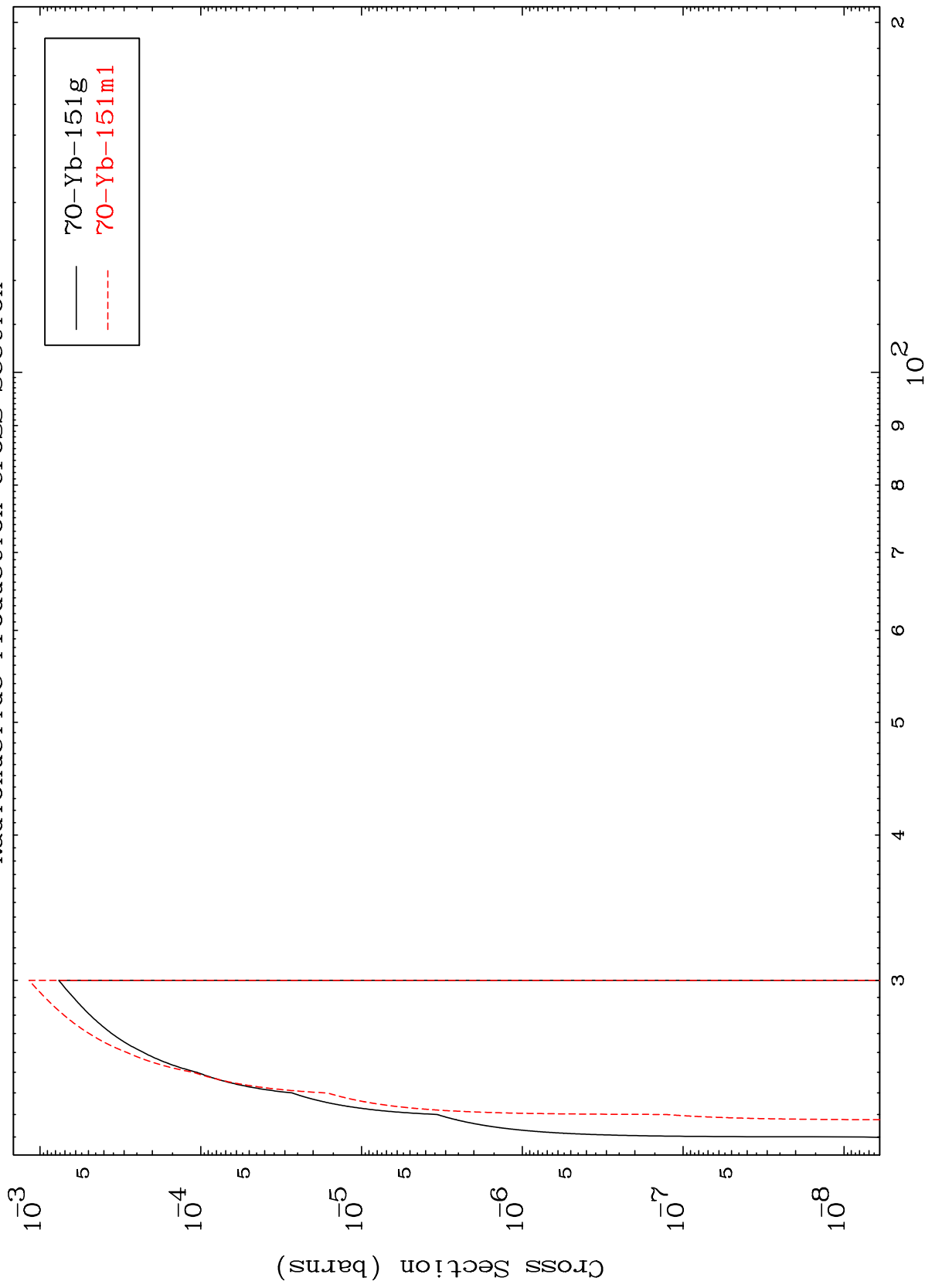
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70-Yb-153

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70-Yb-153

(n,3n)  
Radionuclide Production Cross Section



38

70-Yb-153

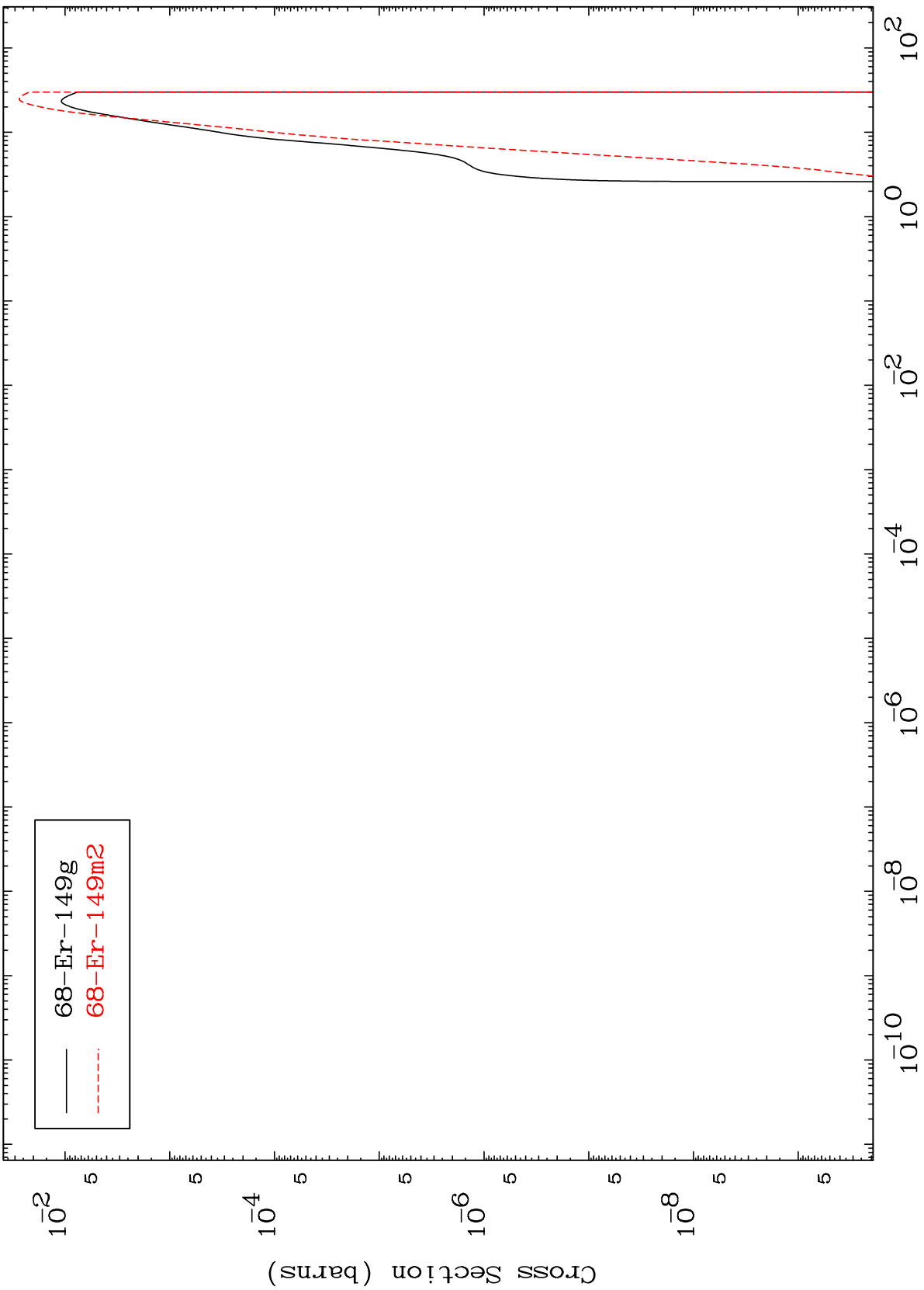
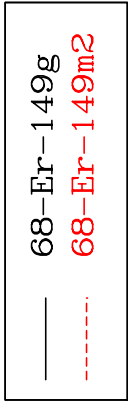
Incident Energy (MeV)

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(n,n')  $\alpha$

70-Yb-153

Radionuclide Production Cross Section



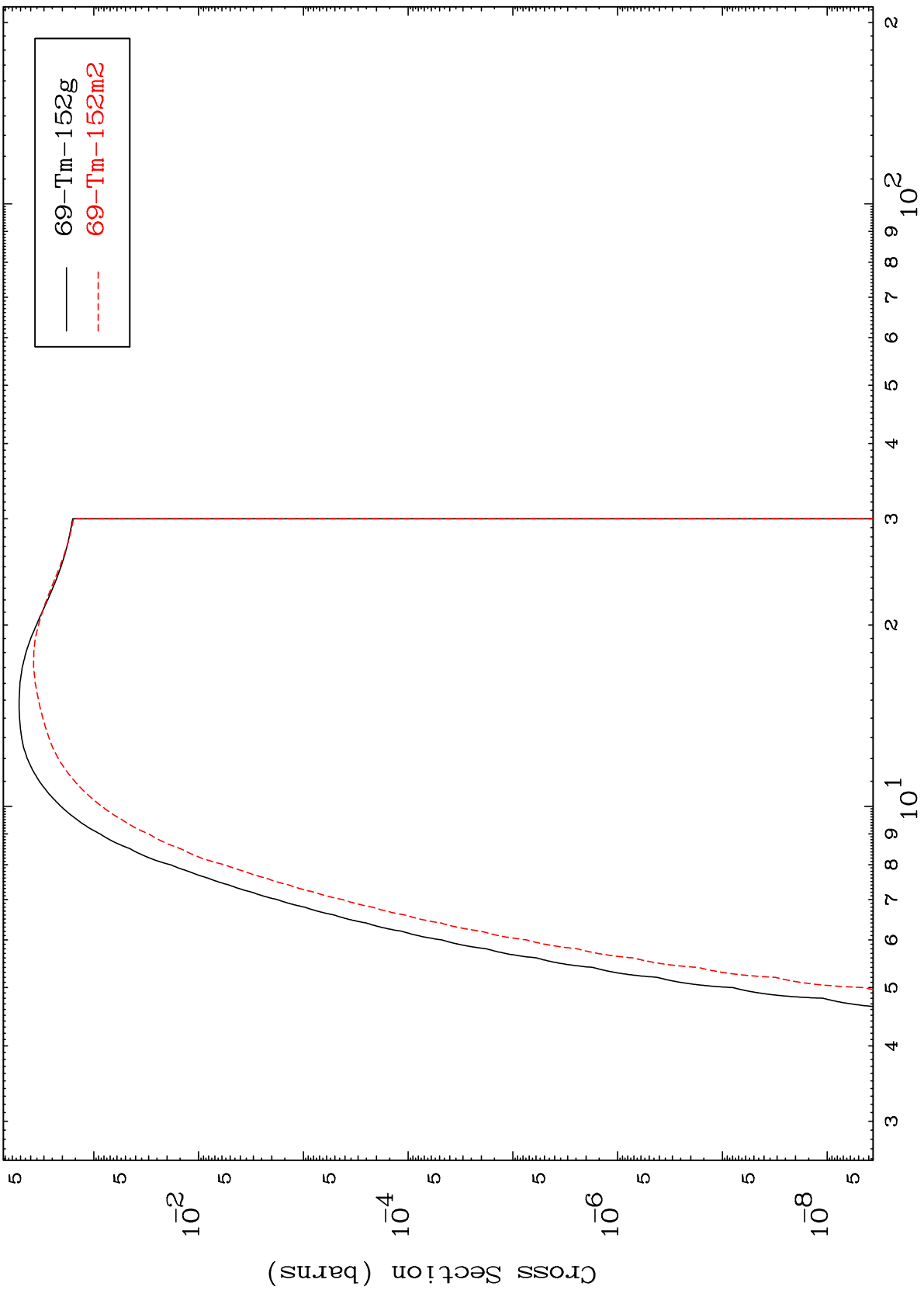


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(n,n') p

70-Yb-153

Radionuclide Production Cross Section



40

Incident Energy (MeV)

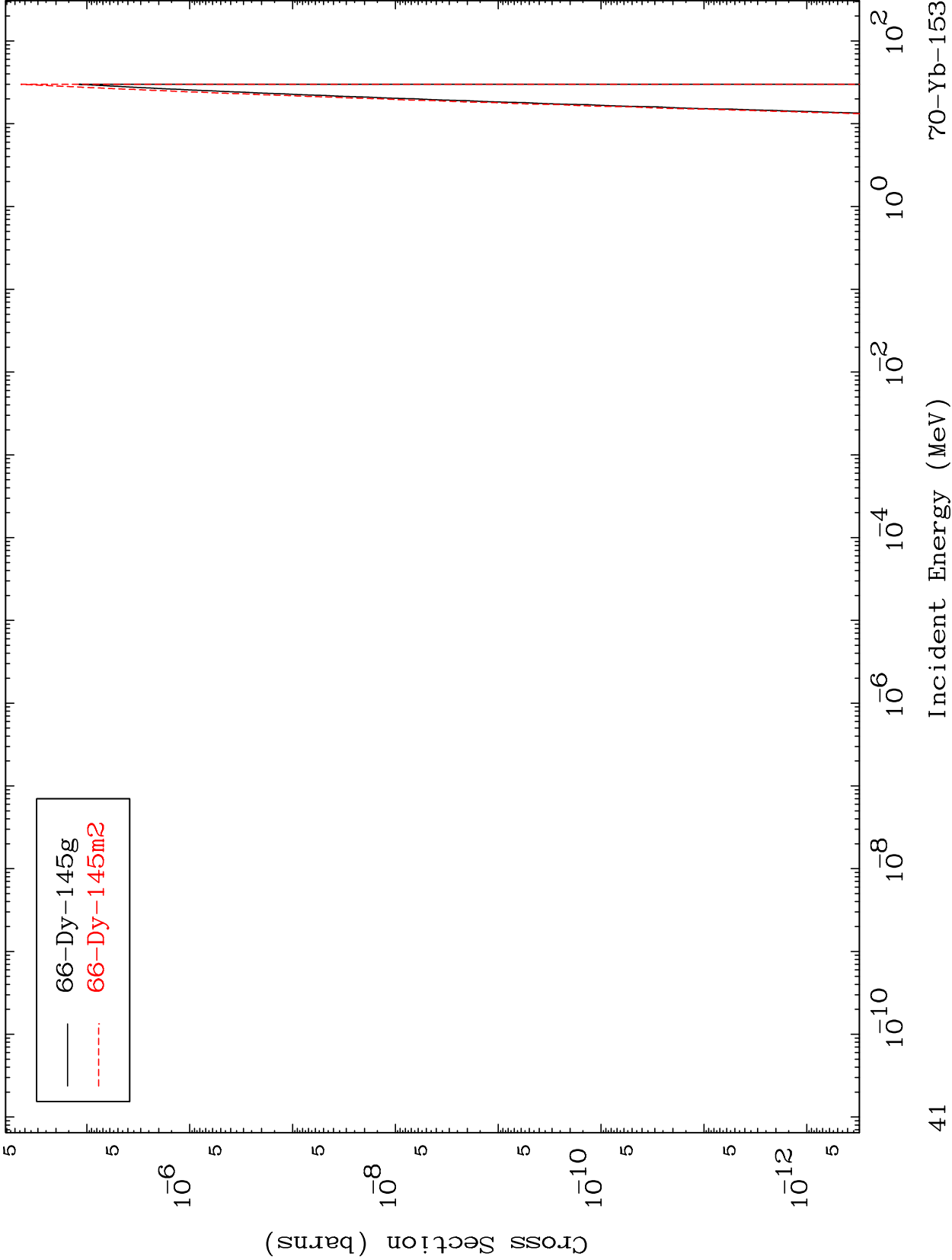
70-Yb-153

MAT 6980

(n,n') 2α

70-Yb-153

Radionuclide Production Cross Section

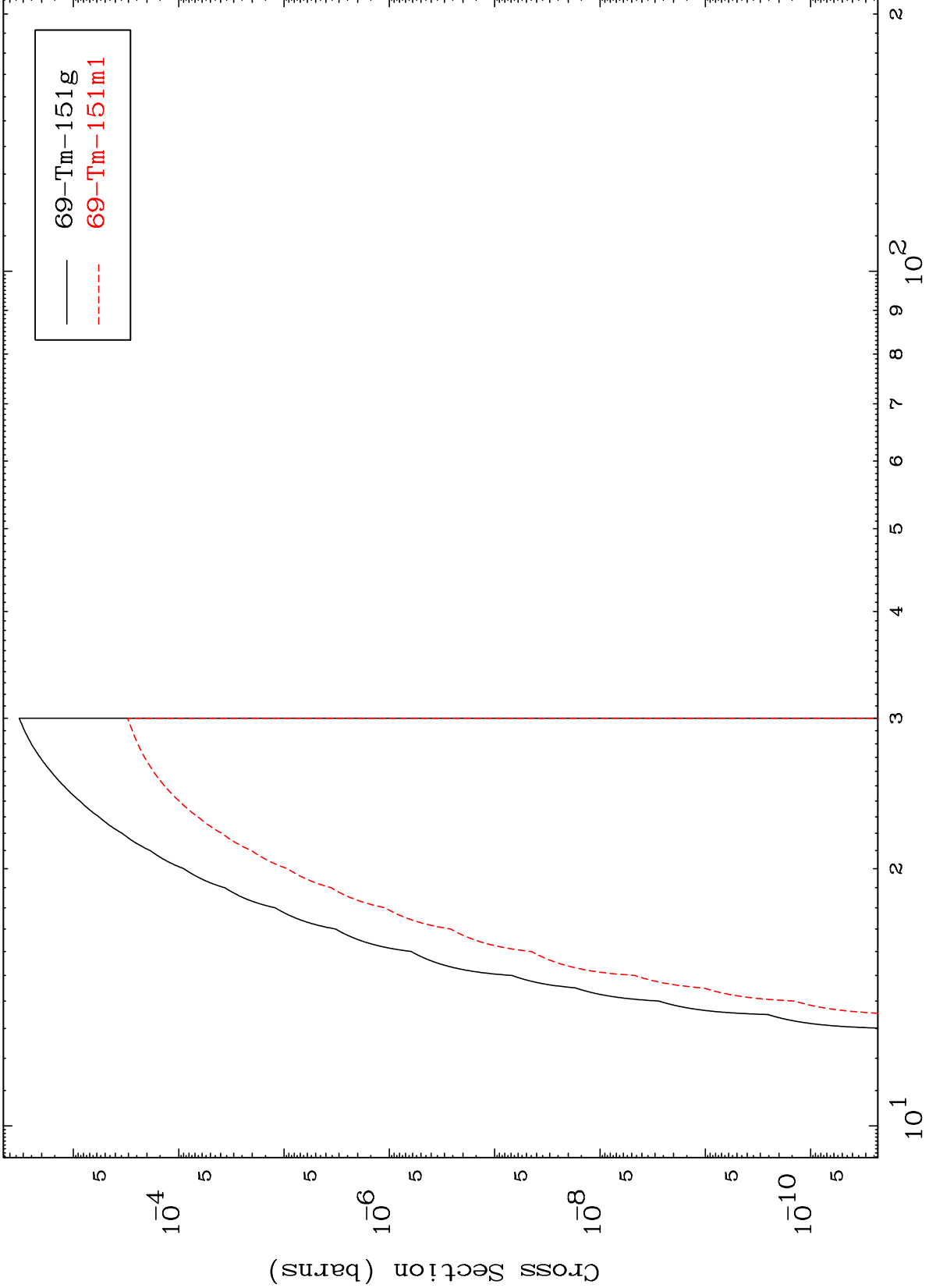


MAT 6980

(n,n') d

70-Yb-153

Radionuclide Production Cross Section

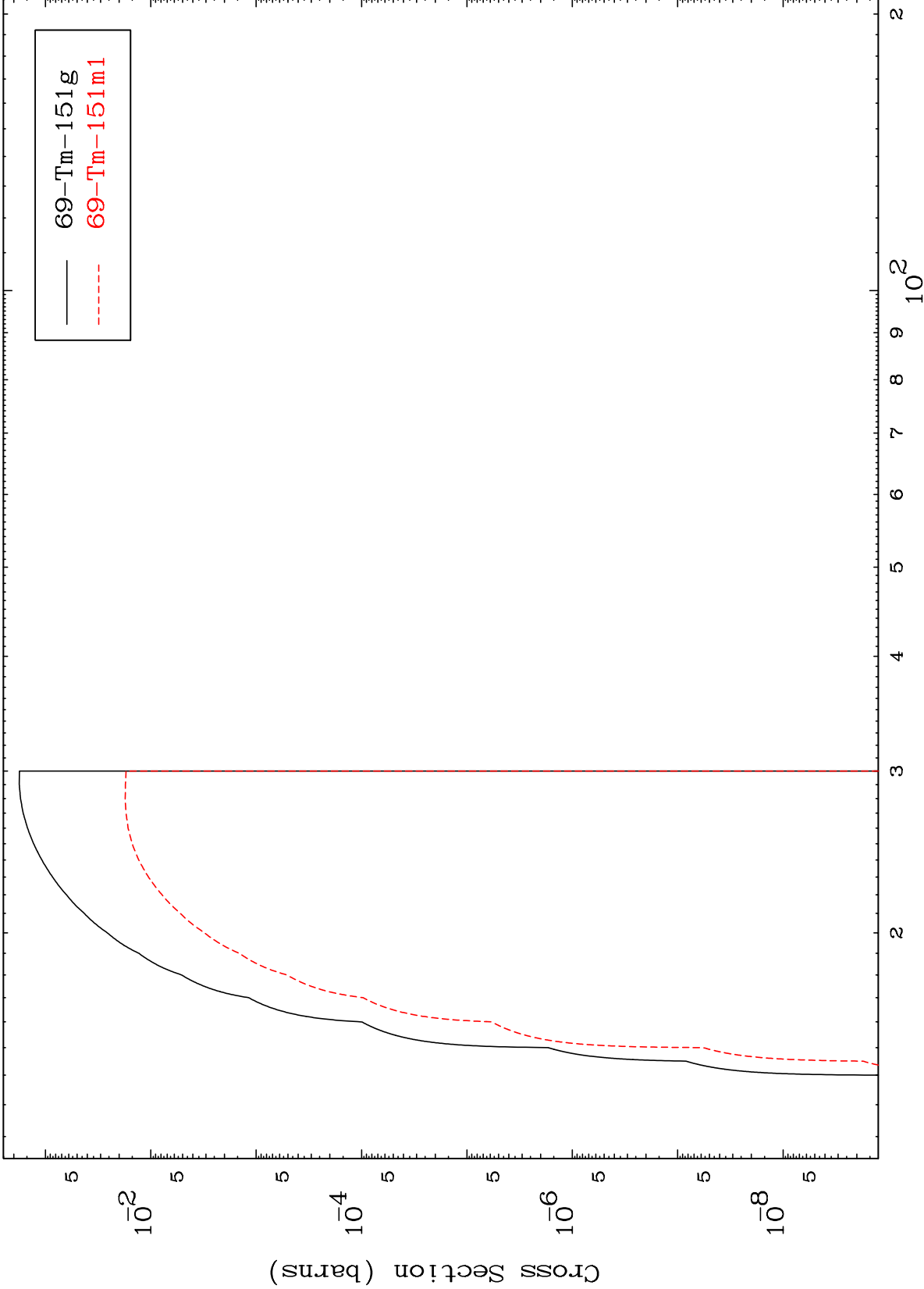


42

Incident Energy (MeV)

70-Yb-153

Radionuclide Production Cross Section

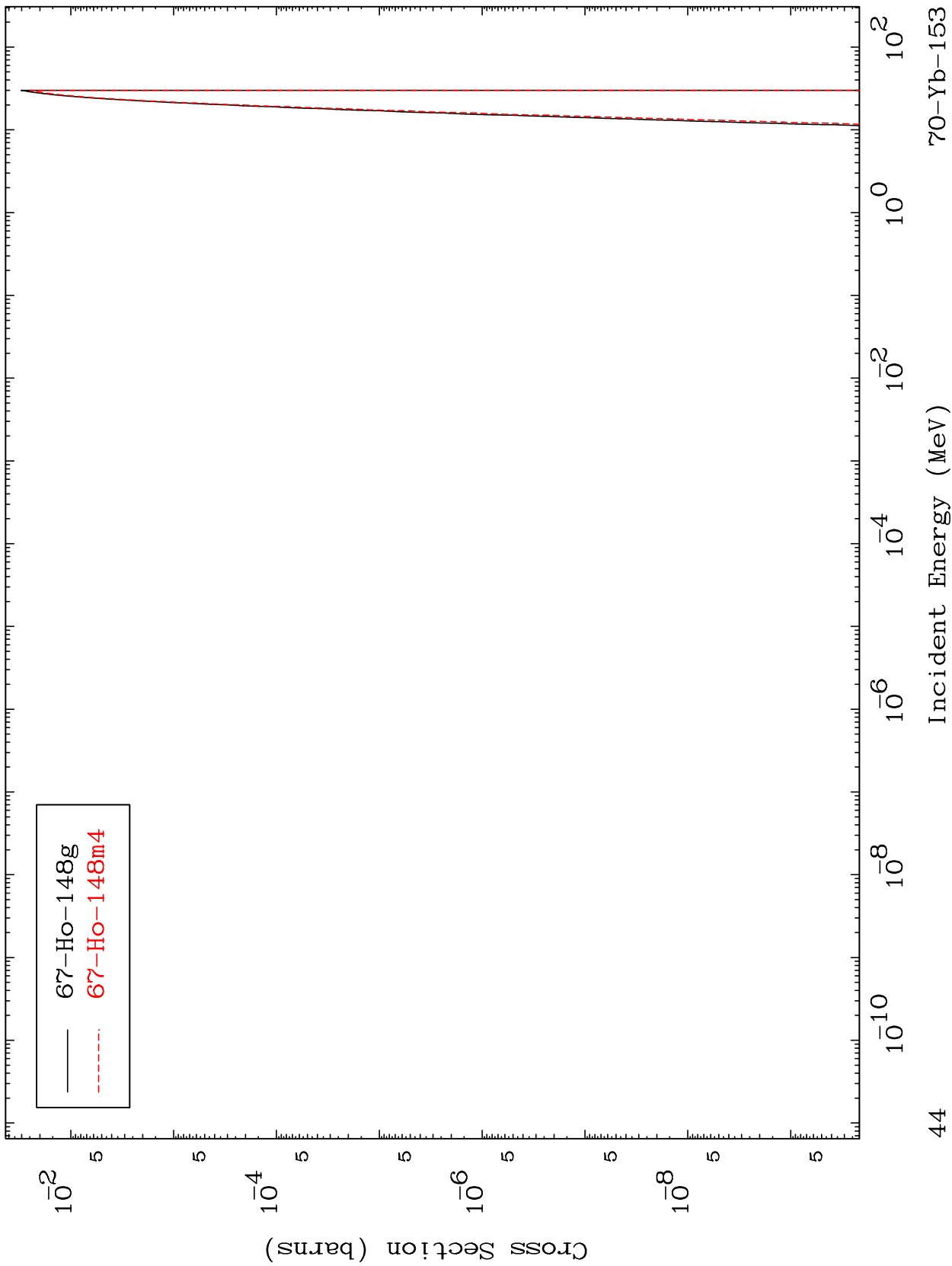


MAT 6980

(n,n') p  $\alpha$

70-Yb-153

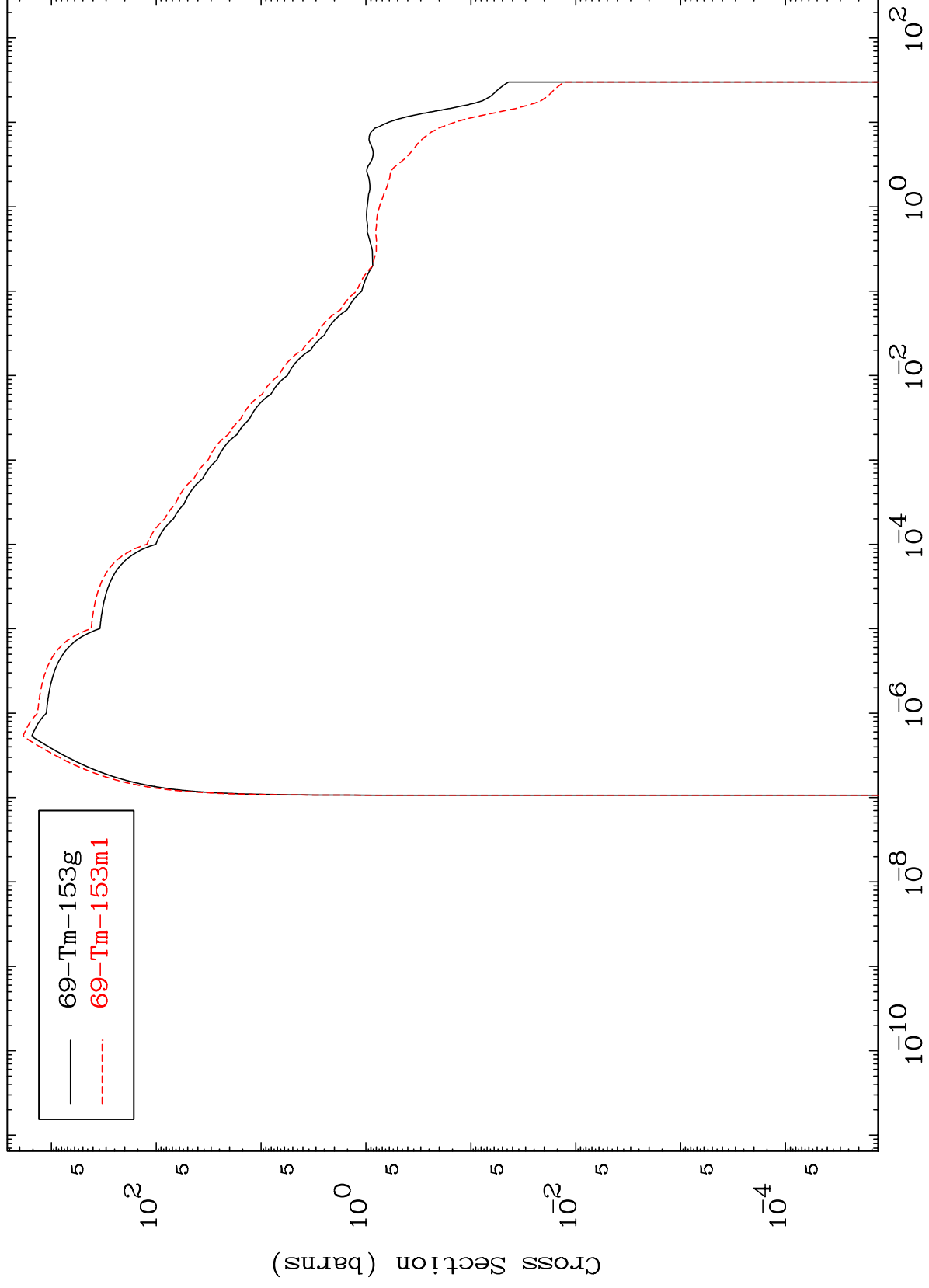
Radionuclide Production Cross Section



MAT 6980

70-Yb-153

(n,p)  
Radionuclide Production Cross Section



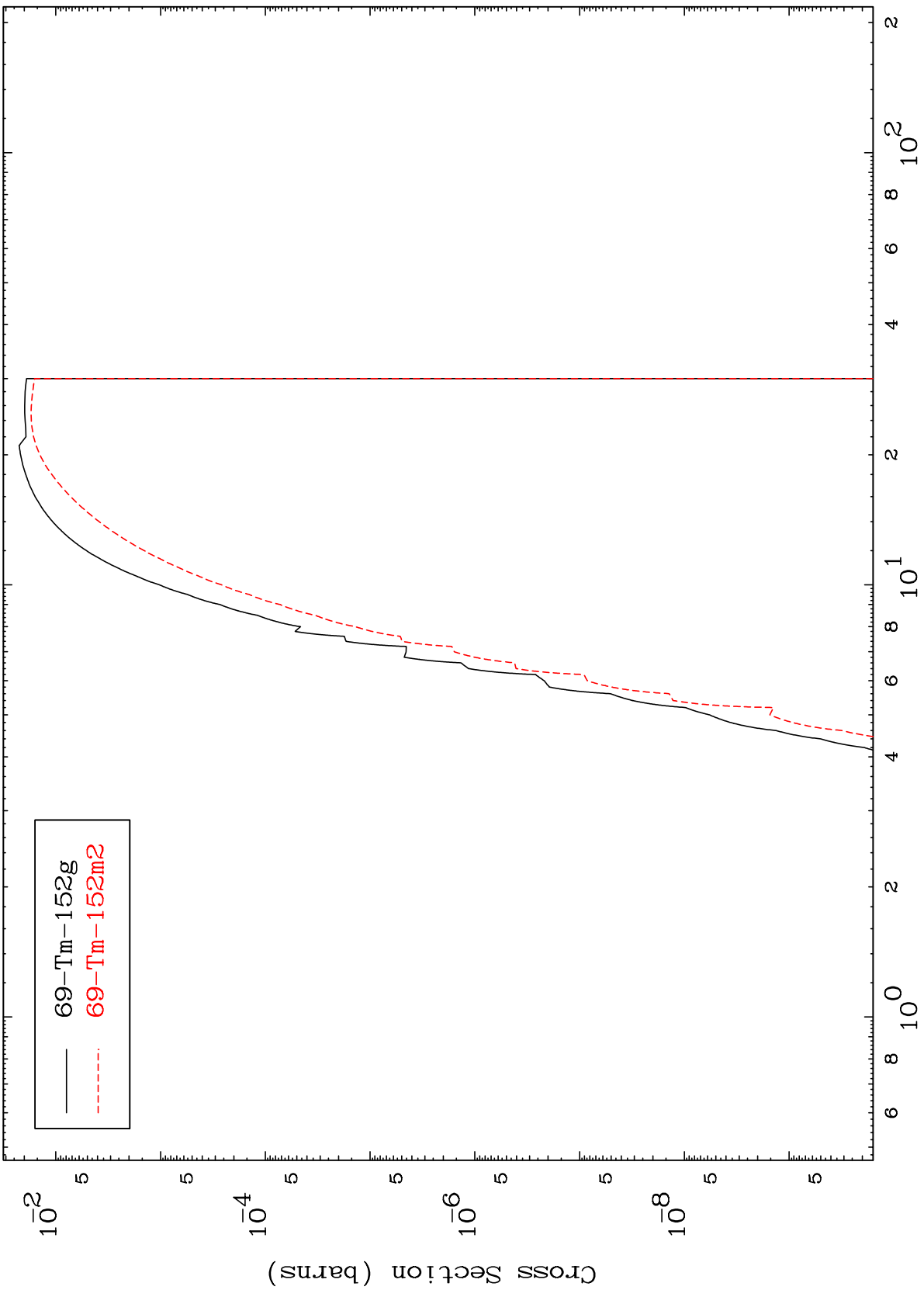
— 69-Tm-153g  
- - - 69-Tm-153m1

MAT 6980

(n,d)

70-Yb-153

Radionuclide Production Cross Section



46

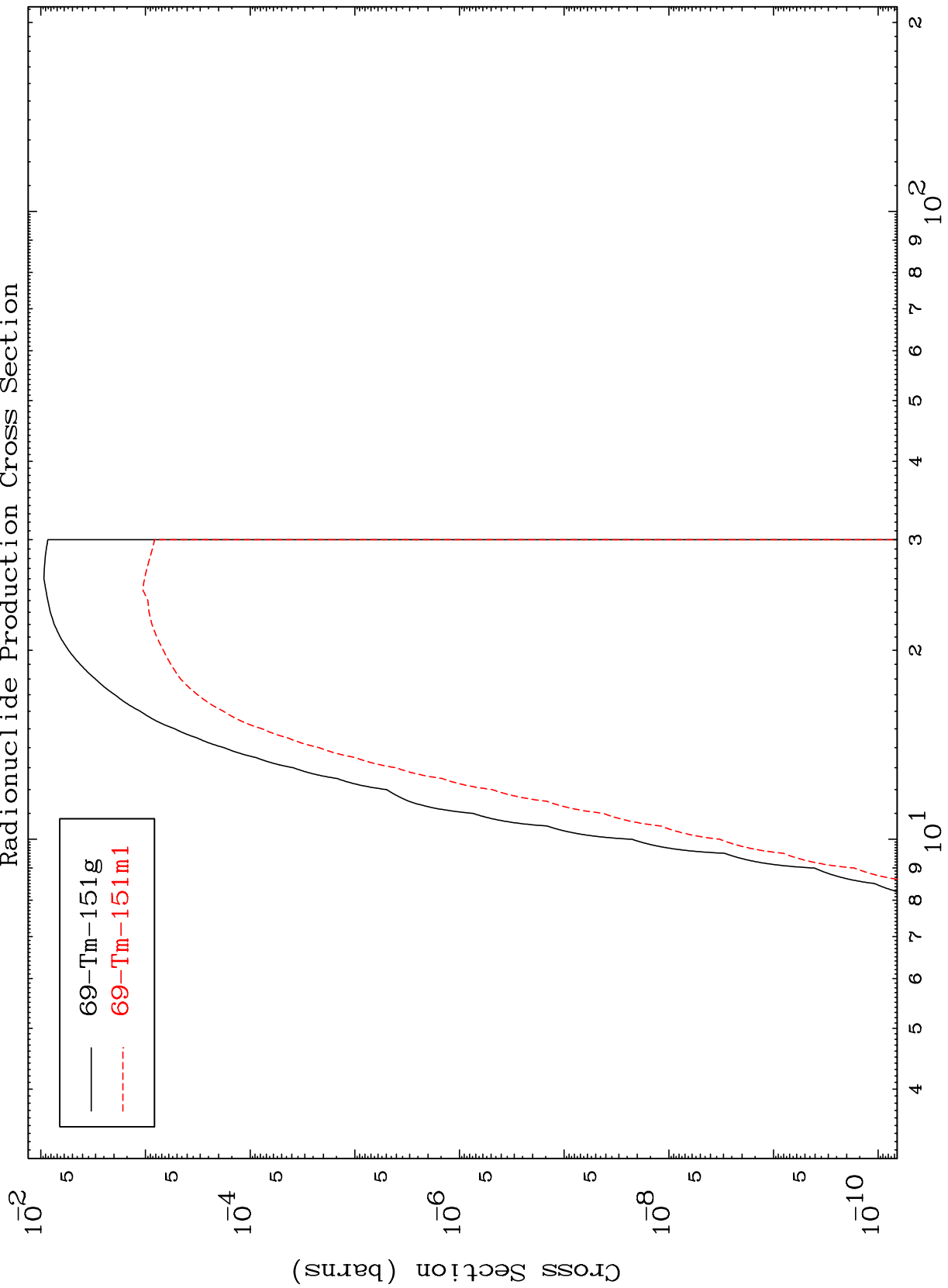
70-Yb-153

MAT 6980

(n, t)

70-Yb-153

Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-153

47

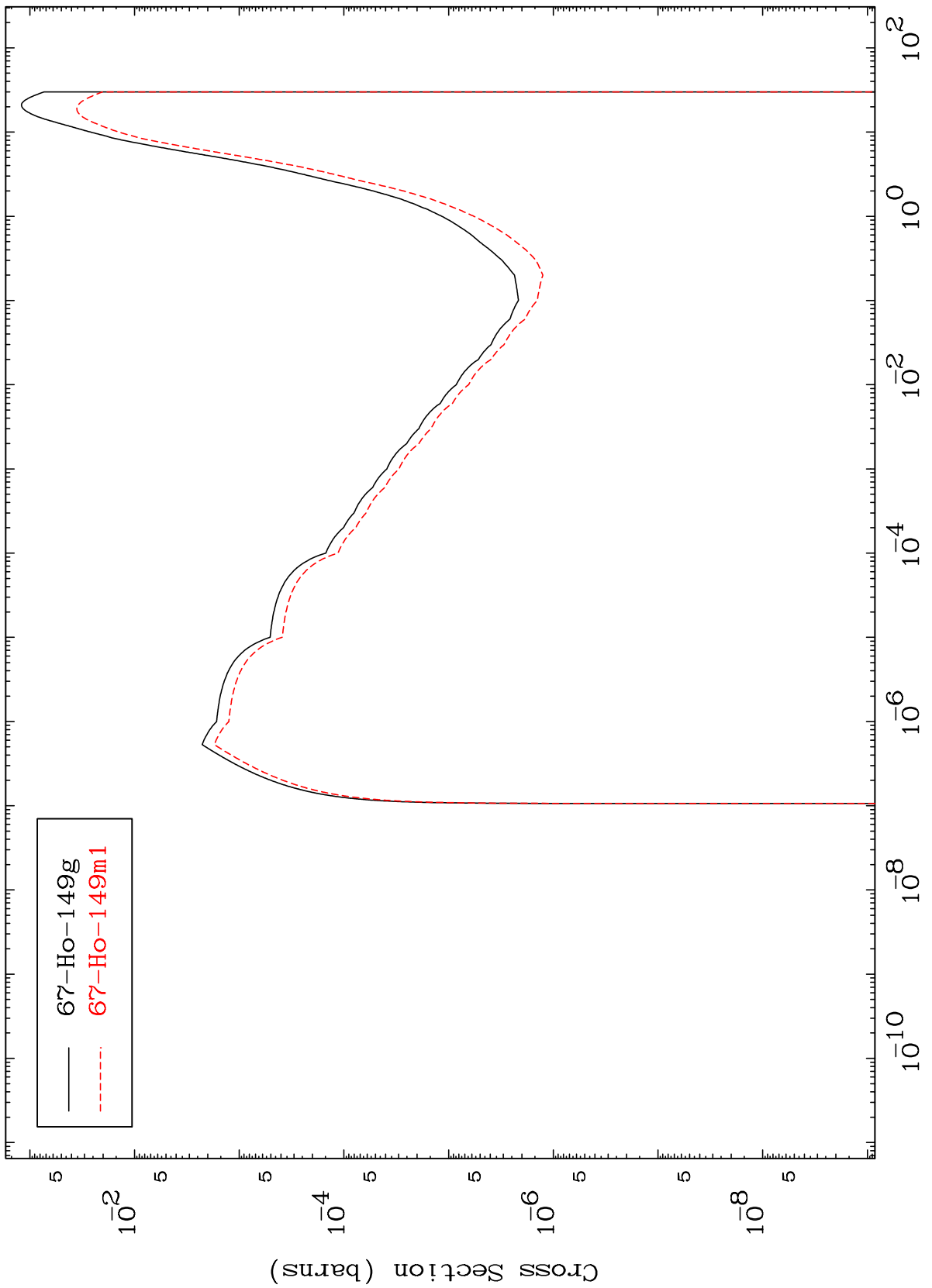


MAT 6980

(n,p)  $\alpha$

70-Yb-153

Radionuclide Production Cross Section



— 67-Ho-149g  
- - - 67-Ho-149m1

MAT 6980

(n,d)  $\alpha$

70-Yb-153

Radionuclide Production Cross Section

