

Program EVALPLOT  
(Version 2015-2)

by

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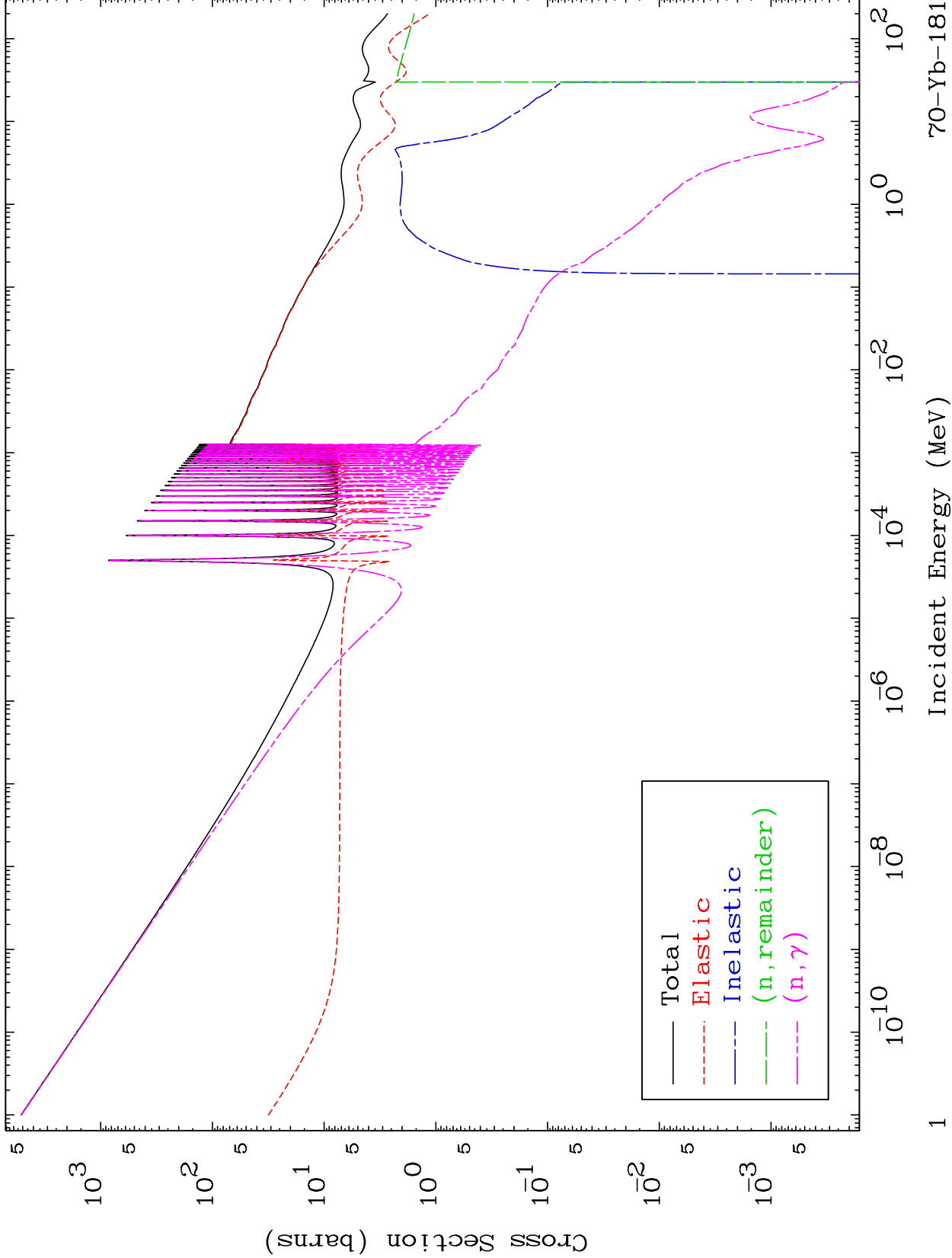
Press Mouse Button to Start

MAT 7064

Major

293 Kelvin Cross Sections

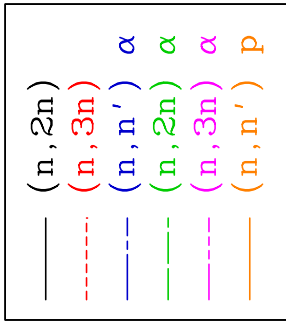
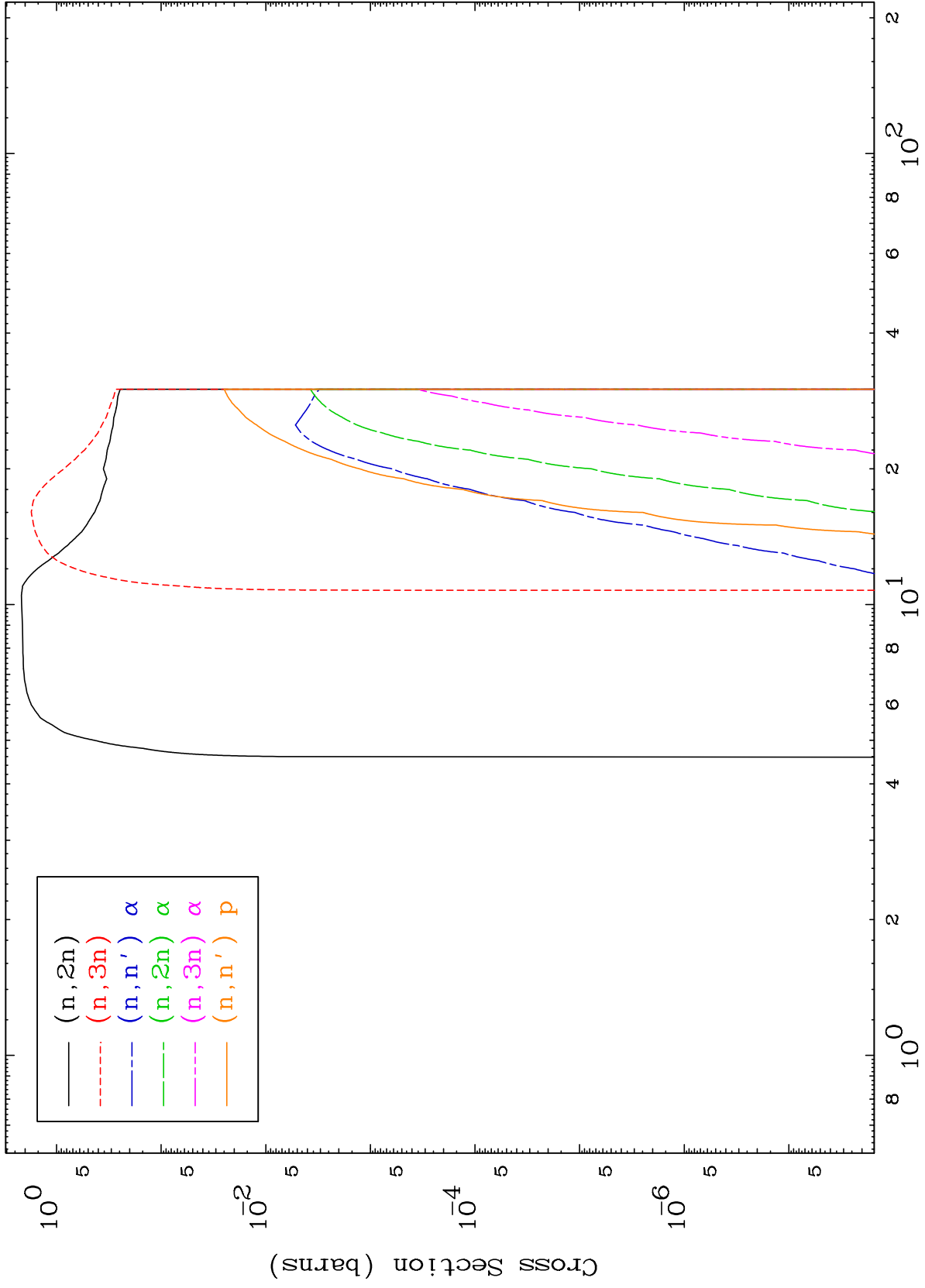
70-Yb-181



MAT 7064

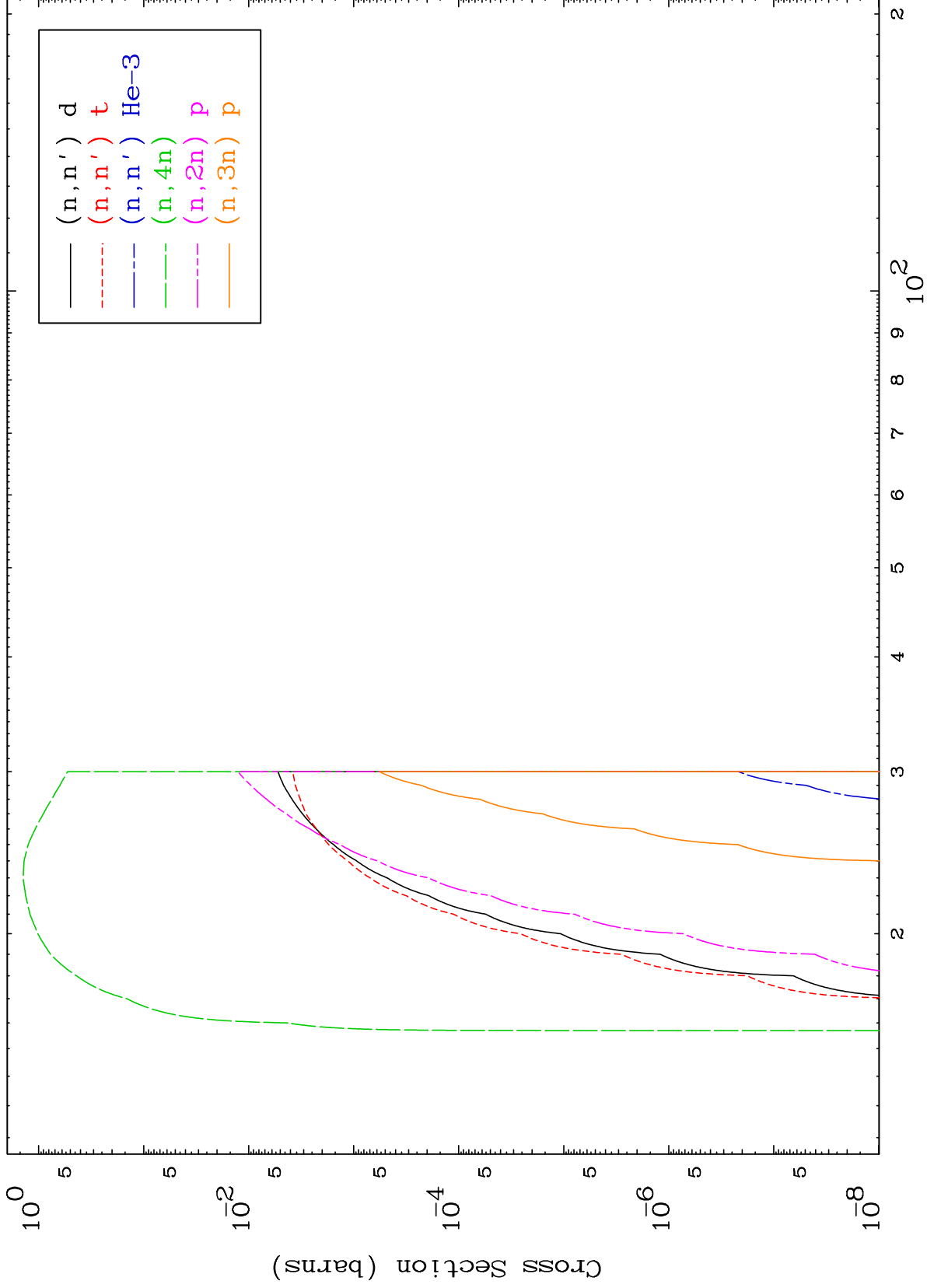
Neutron Production  
293 Kelvin Cross Sections

70-Yb-181



70-Yb-181

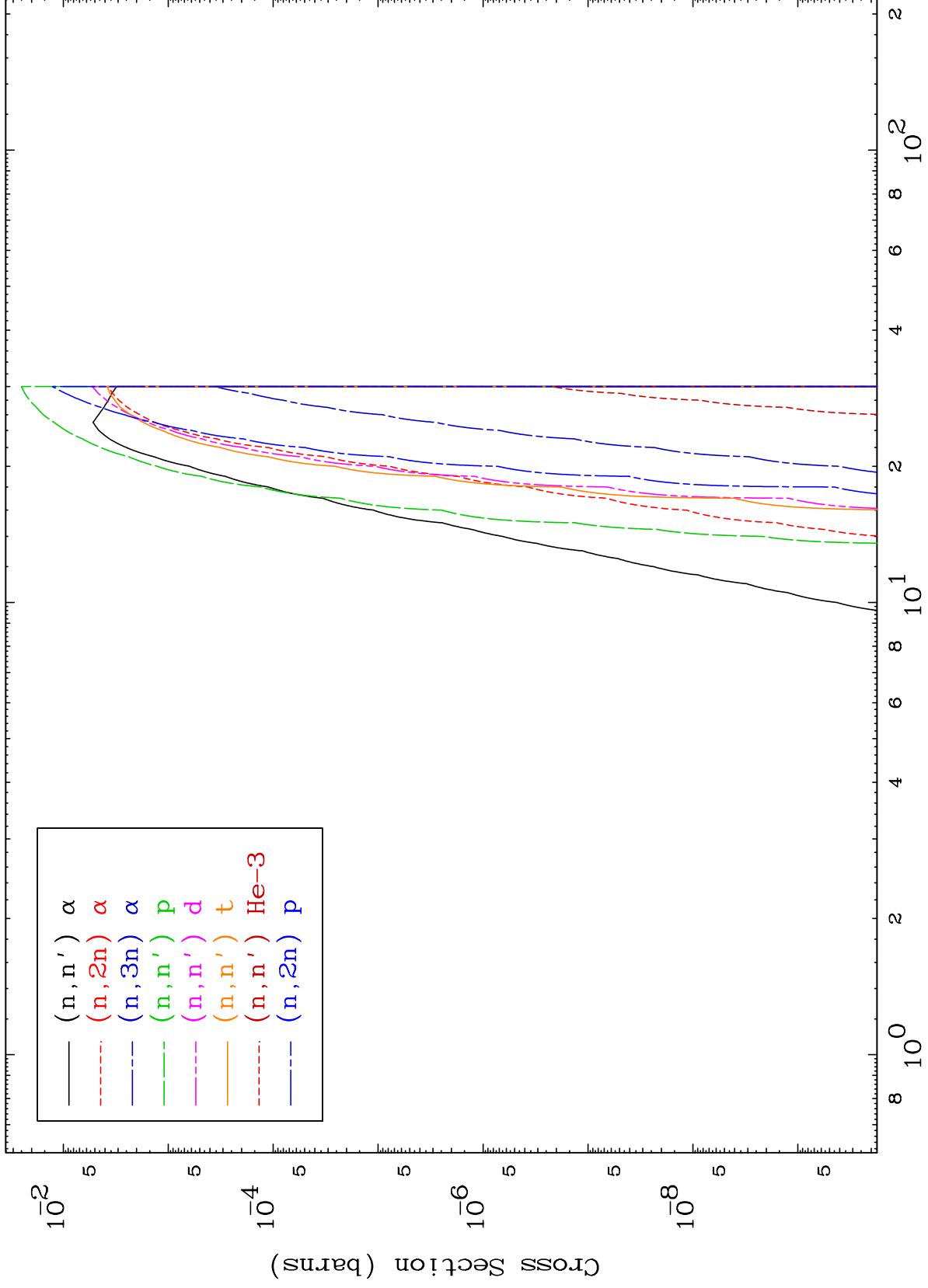
Incident Energy (MeV)



MAT 7064

Charged Particle  
293 Kelvin Cross Sections

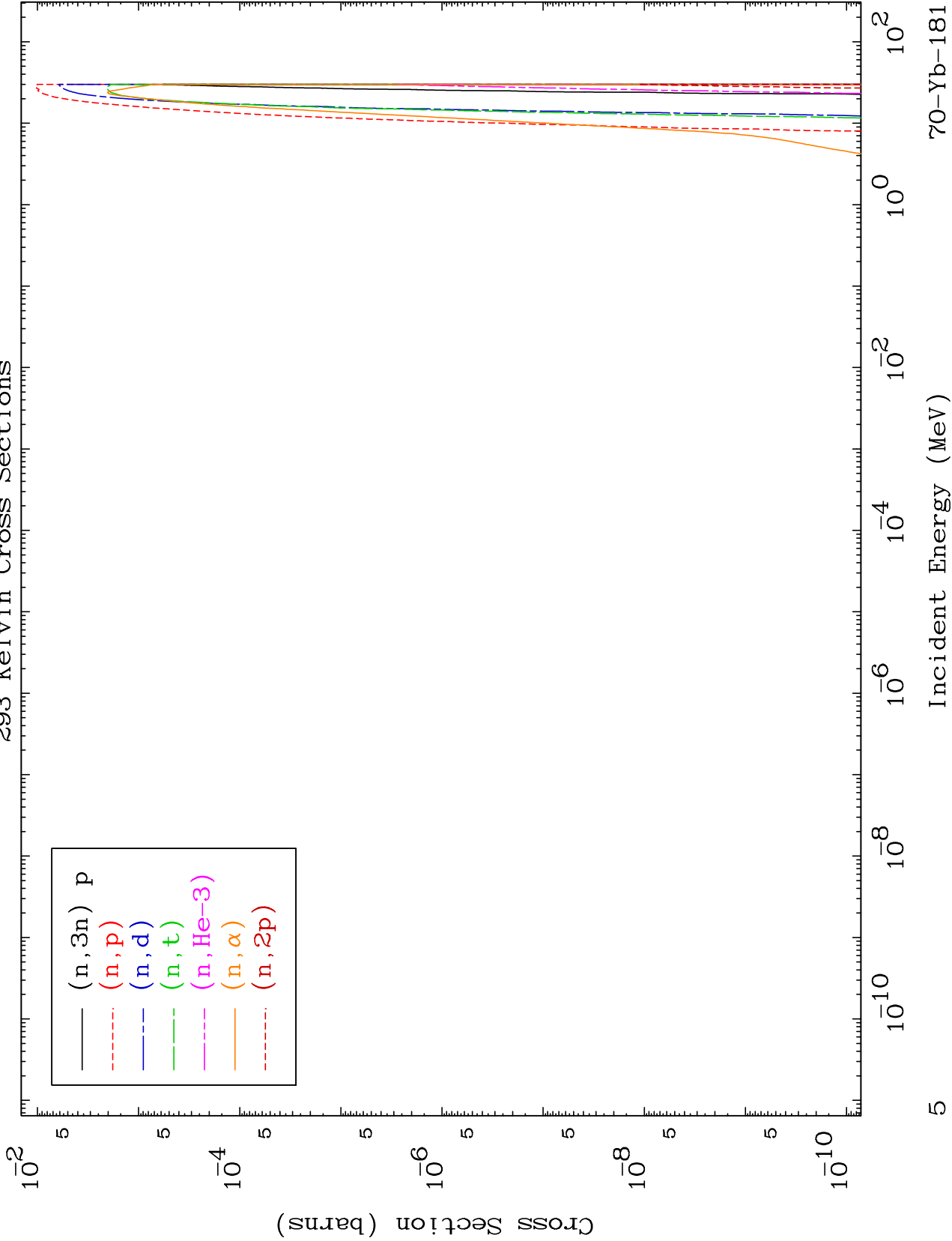
70-Yb-181



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Charged Particle  
293 Kelvin Cross Sections

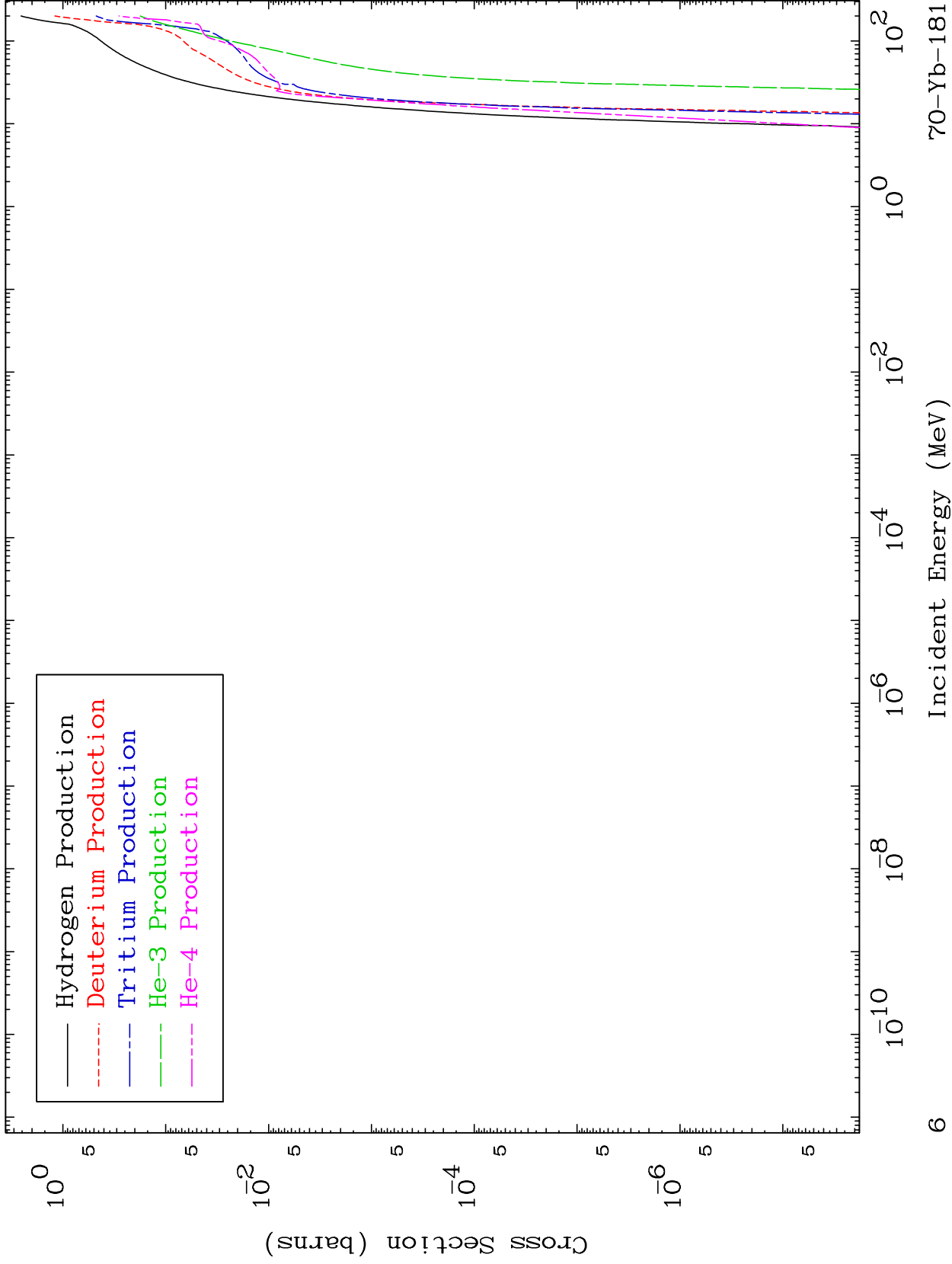
70-Yb-181



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Particle Production  
293 Kelvin Cross Sections

70-Yb-181

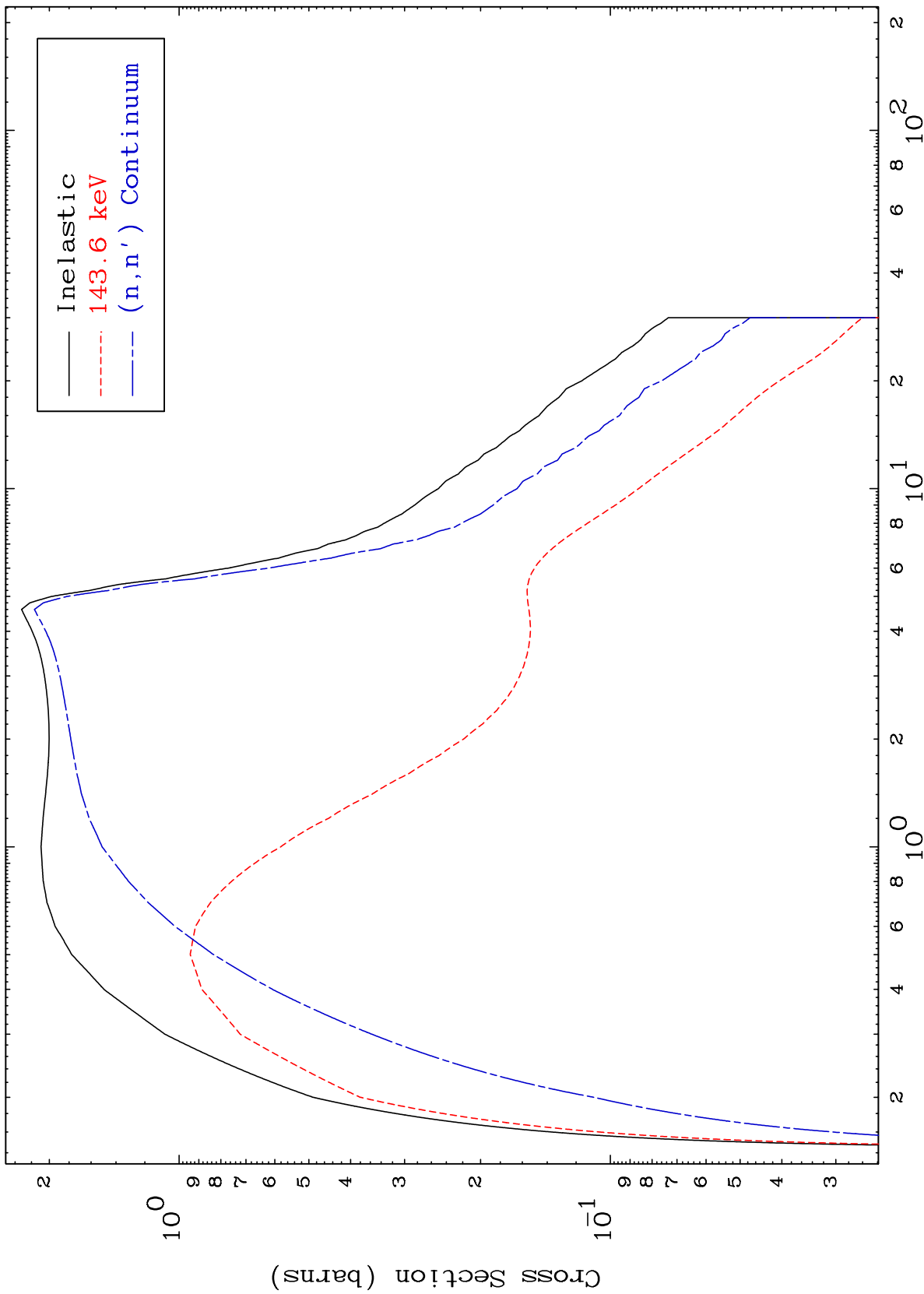


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(n,n') Level

70-Yb-181

293 Kelvin Cross Sections

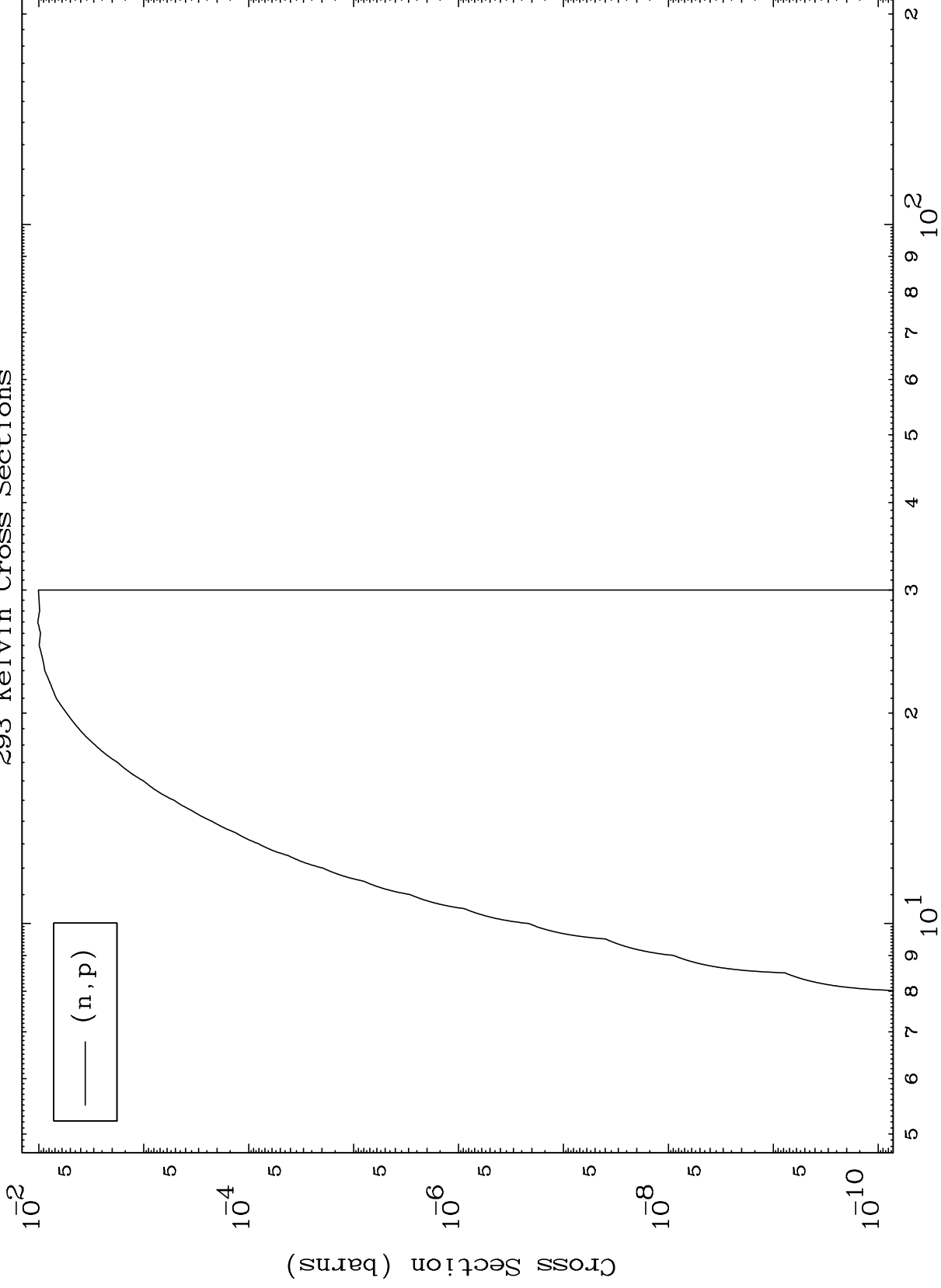




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(n,p) Levels  
293 Kelvin Cross Sections

70-Yb-181



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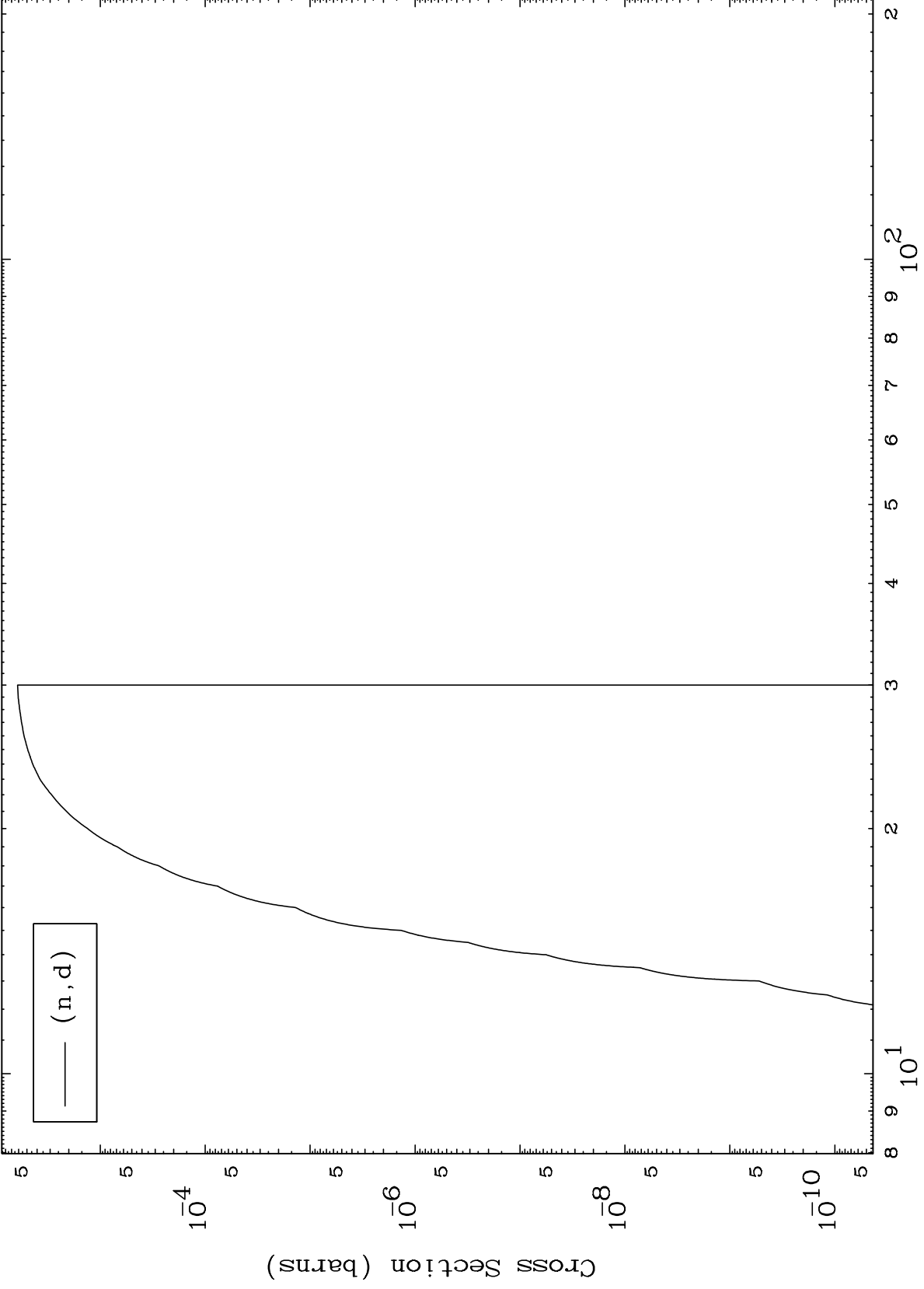
Incident Energy (MeV)

70-Yb-181

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(n,d) Levels  
293 Kelvin Cross Sections

70-Yb-181



9

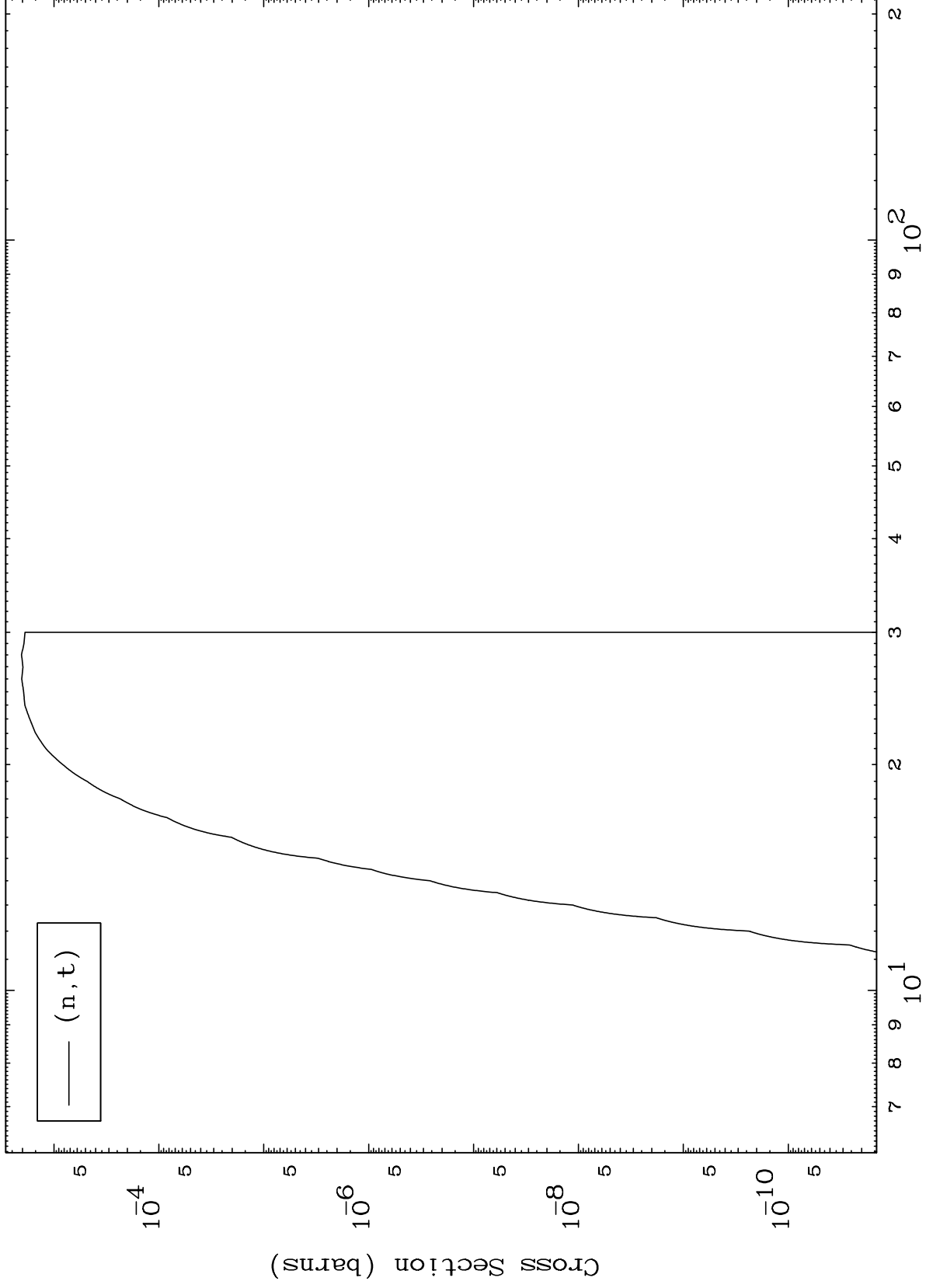
Incident Energy (MeV)

70-Yb-181

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(n,t) Levels  
293 Kelvin Cross Sections

70-Yb-181



10

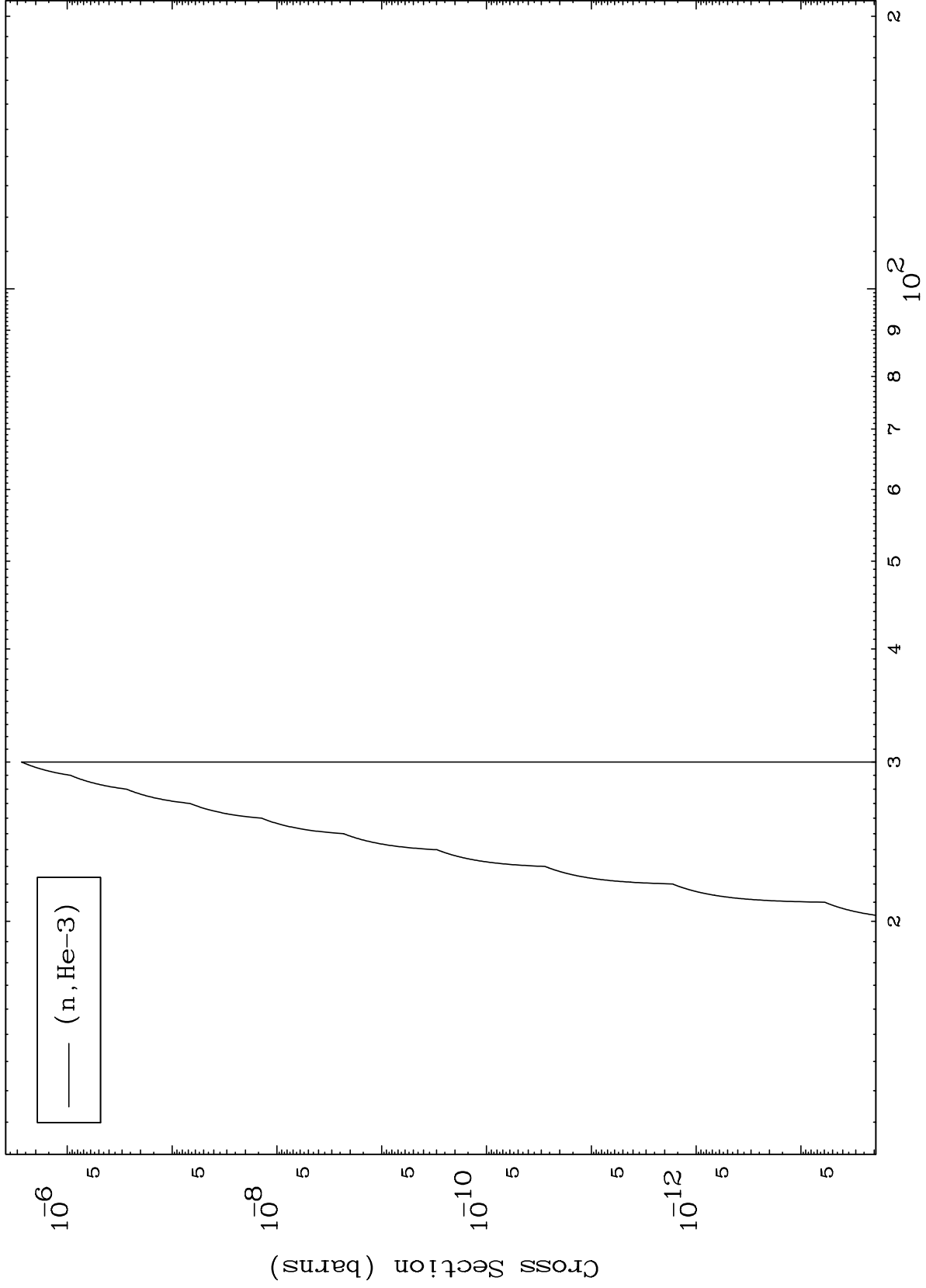
Incident Energy (MeV)

70-Yb-181

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(n,He3) Levels  
293 Kelvin Cross Sections

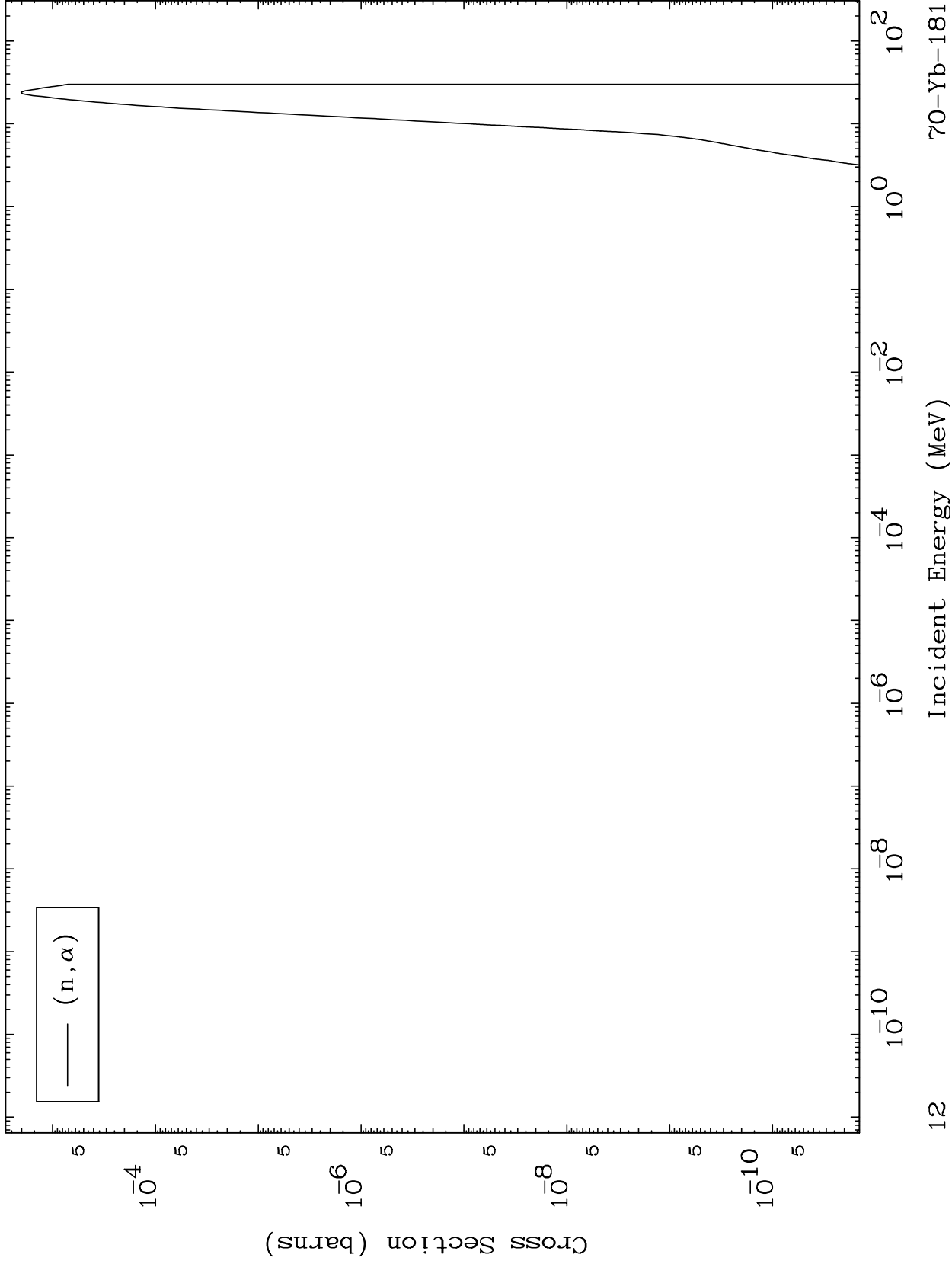
70-Yb-181

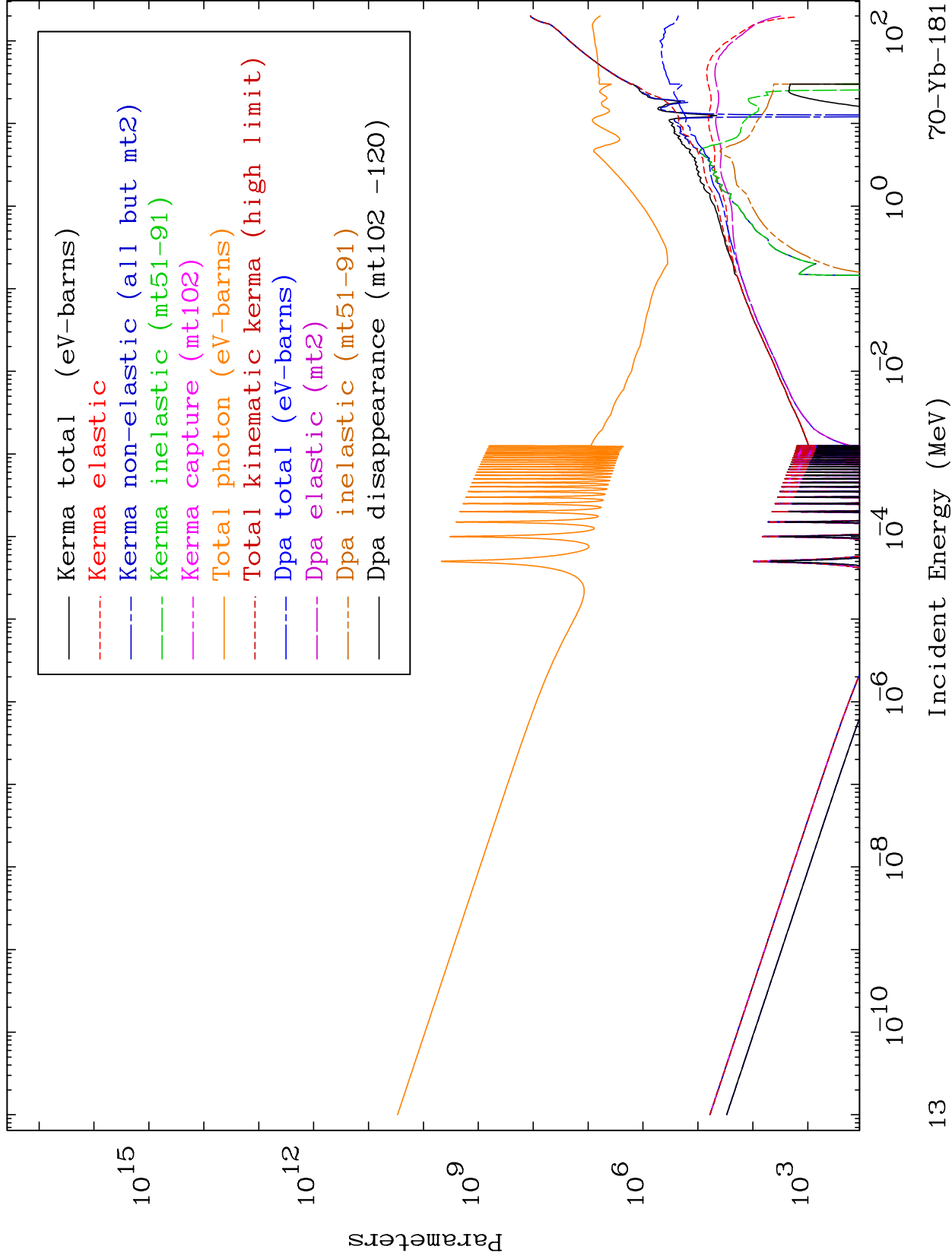


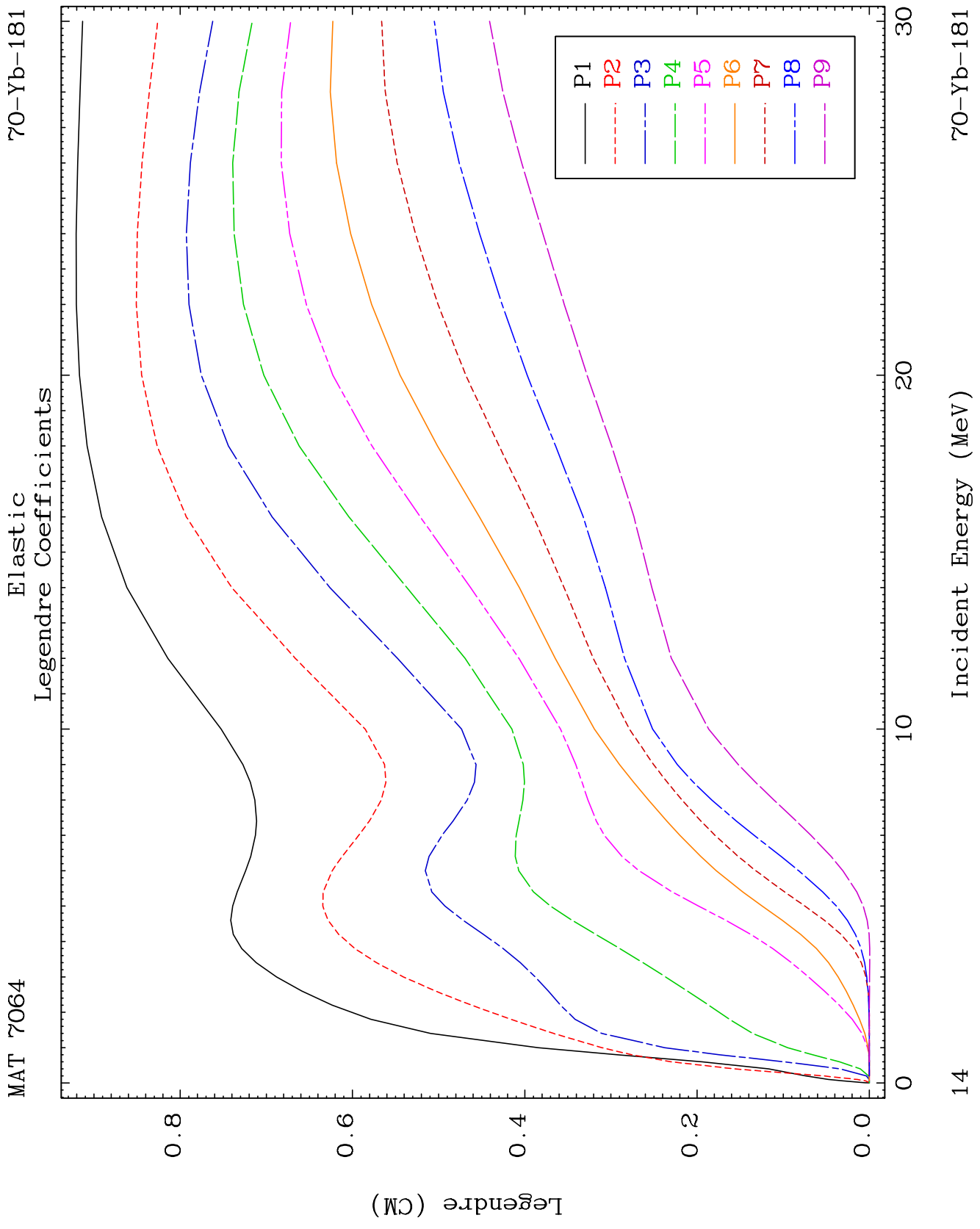
MAT 7064

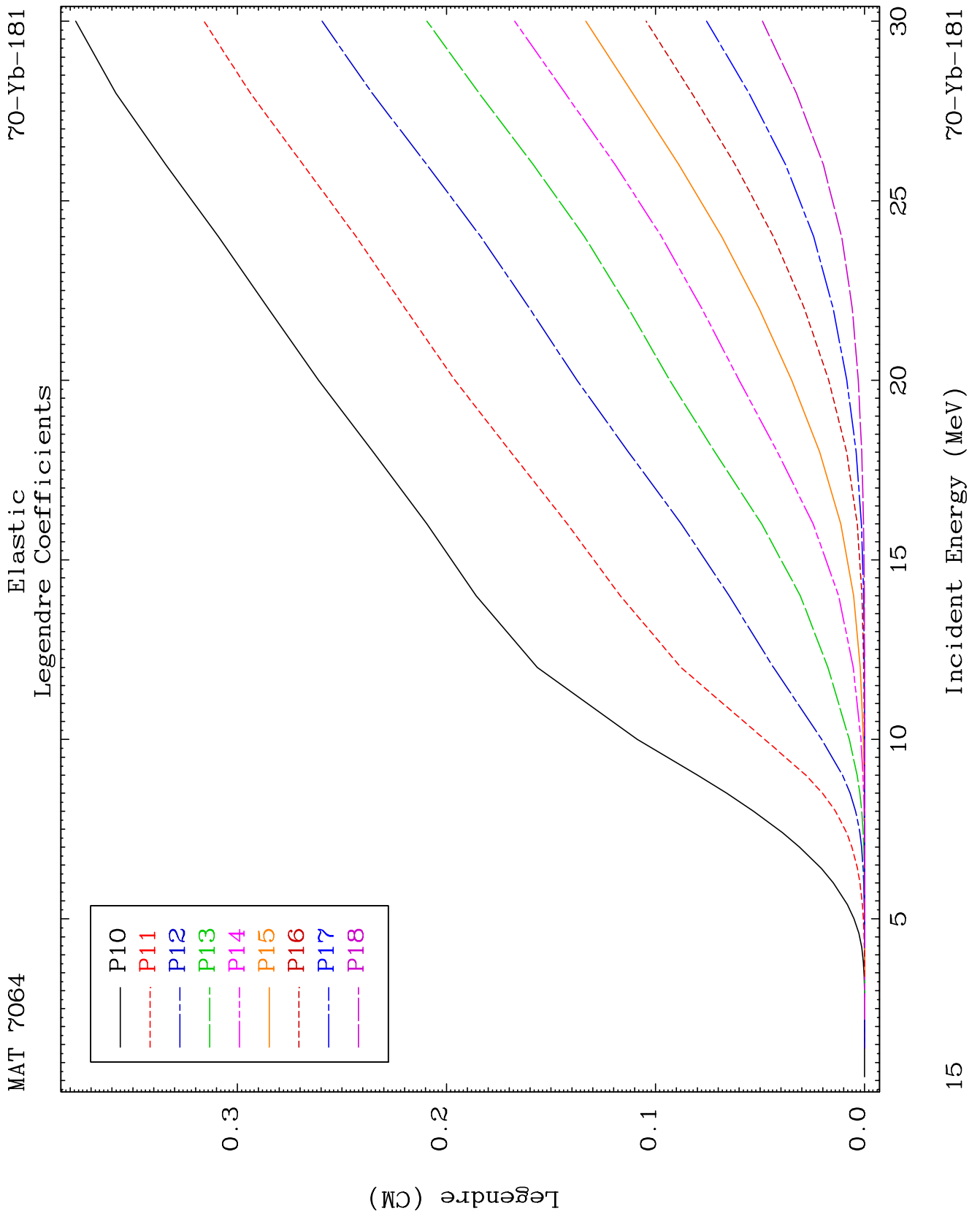
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

70-Yb-181







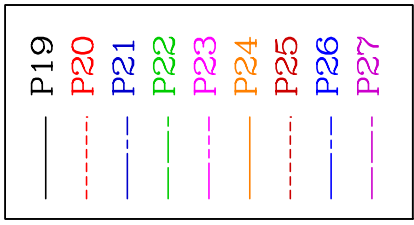
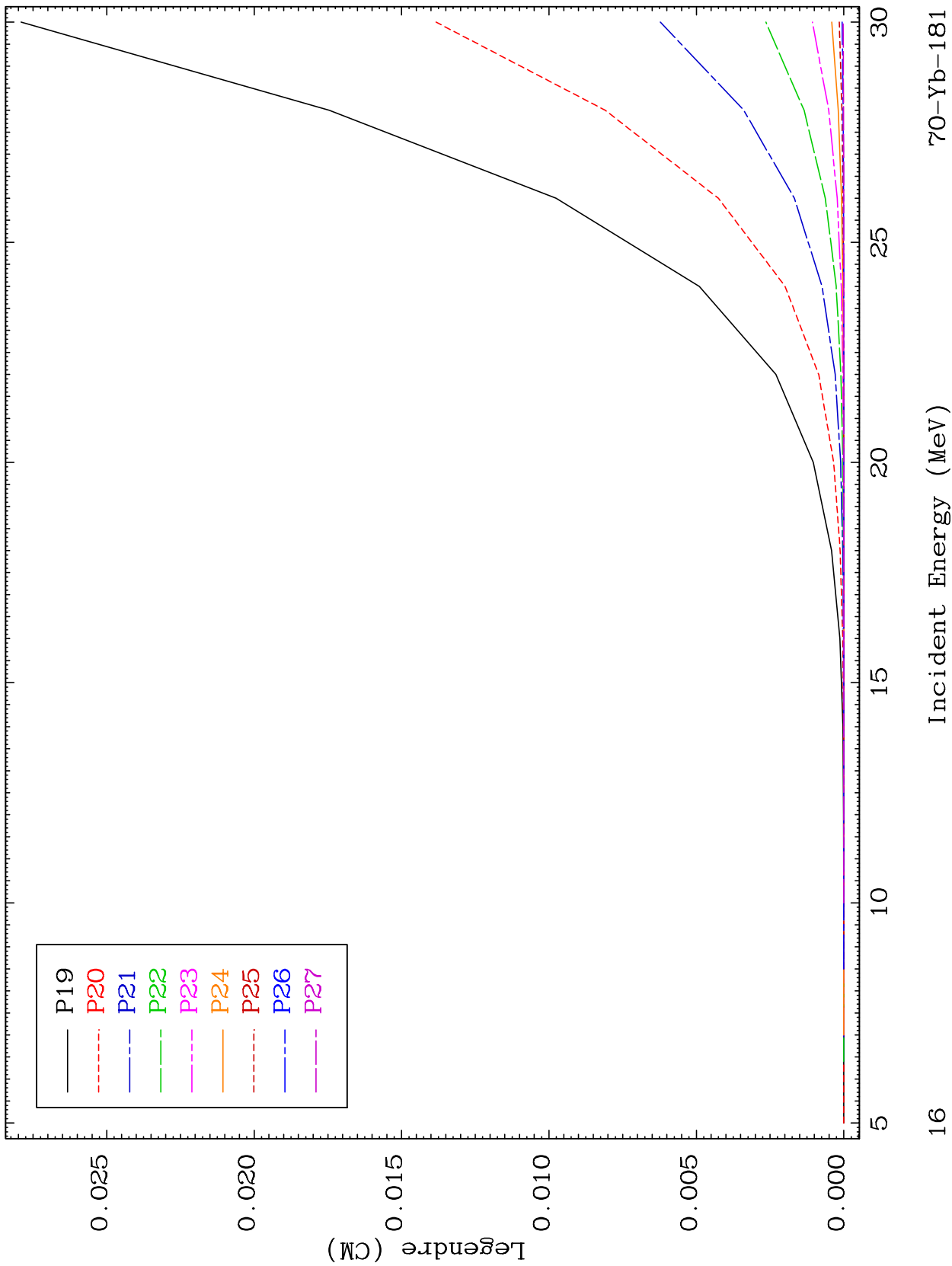




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### Elastic Legendre Coefficients

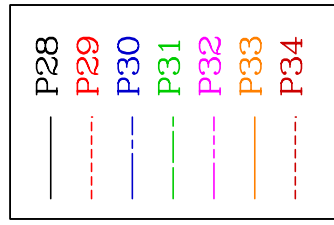
70-Yb-181



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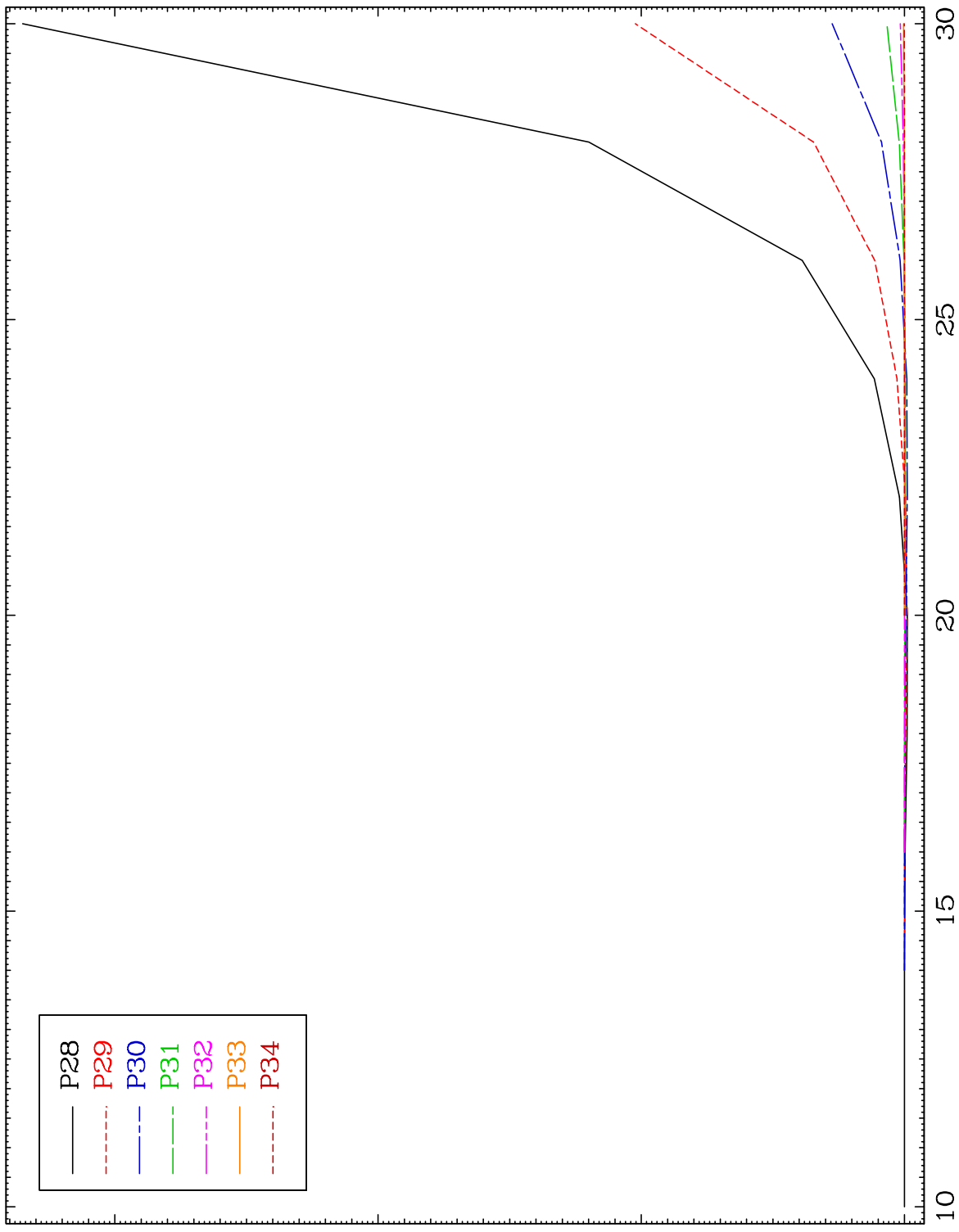
Elastic  
Legendre Coefficients

70-Yb-181



$\times 10^{-6}$

Legendre (CM)



10

15

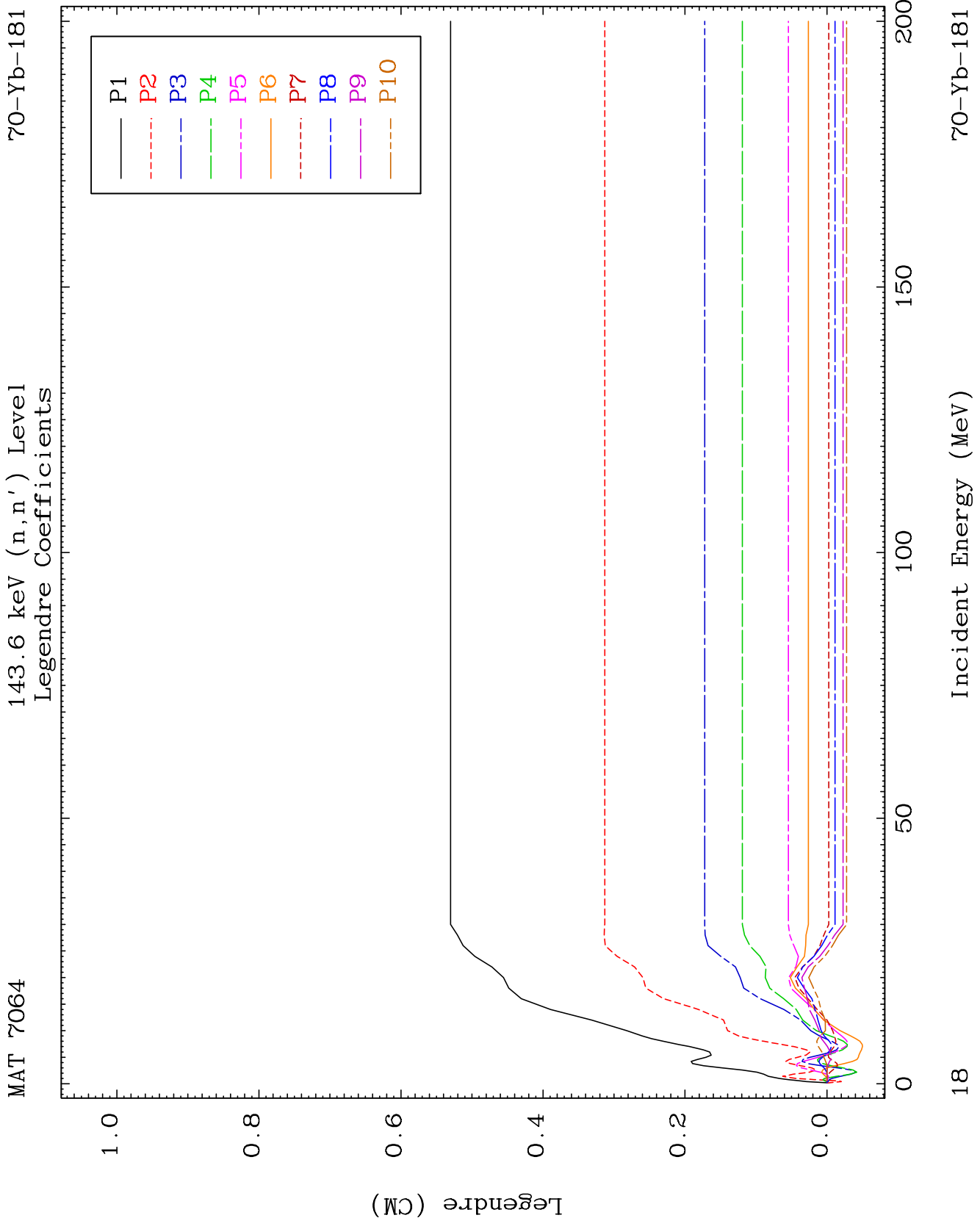
20

25

30

Incident Energy (MeV)

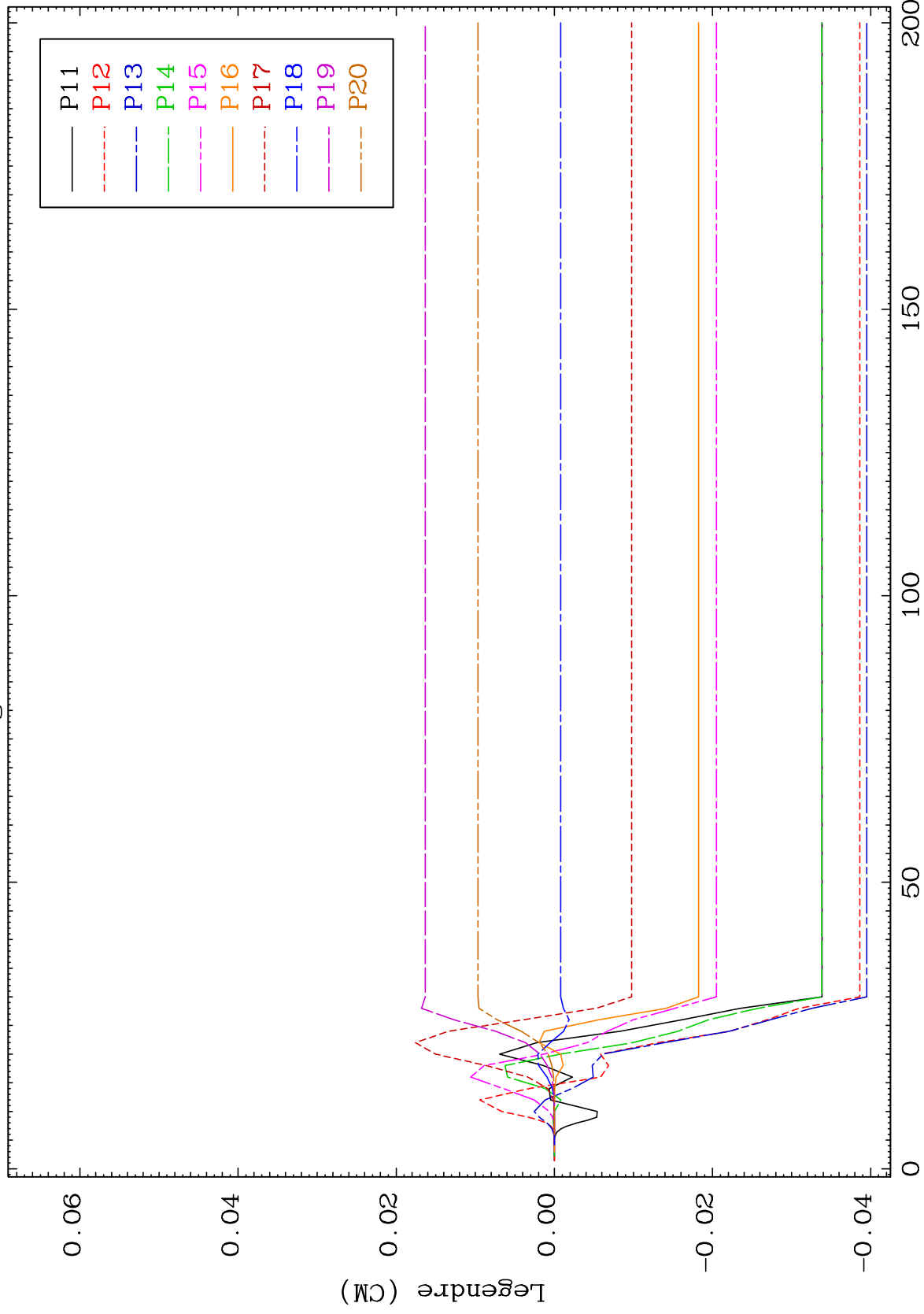
70-Yb-181



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143.6 keV (n,n') Level  
Legendre Coefficients

70-Yb-181



19

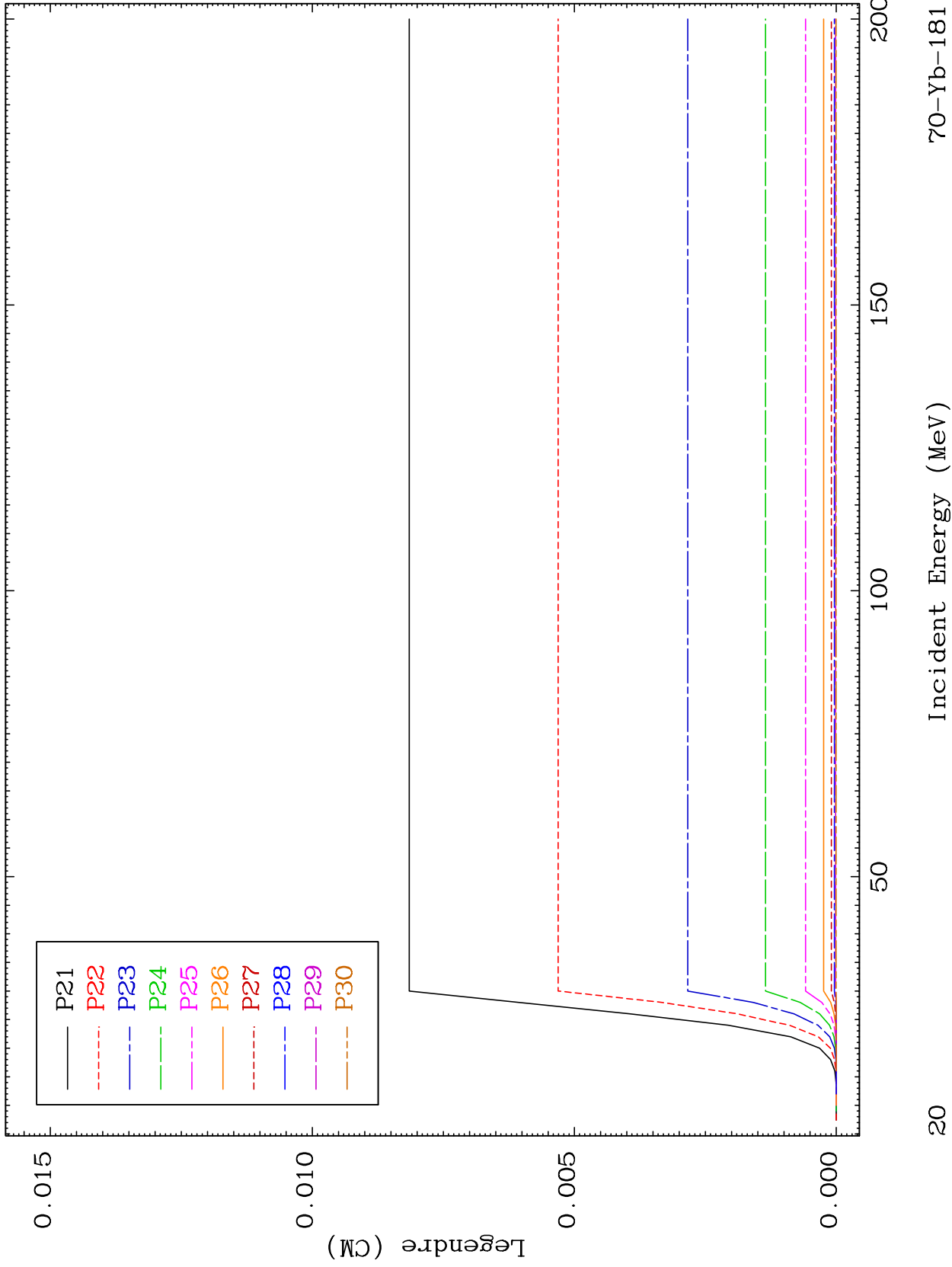
Incident Energy (MeV)

70-Yb-181

MAT 7064

143.6 keV (n, n') Level  
Legendre Coefficients

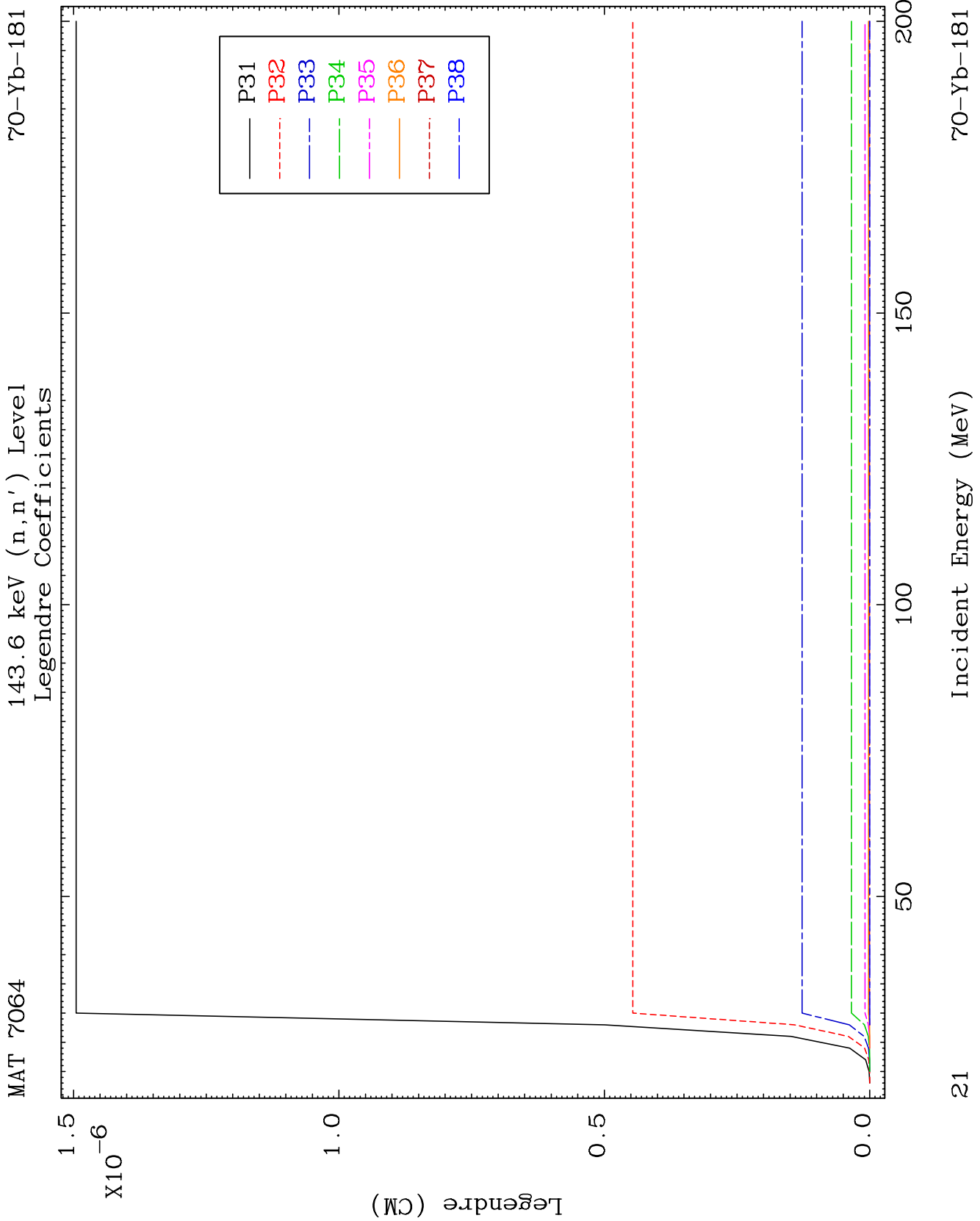
70-Yb-181



70-Yb-181

Incident Energy (MeV)

20



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Fission

70-Yb-181

Radionuclide Production Cross Section

