

Program EVALPLOT
(Version 2017-1)

by

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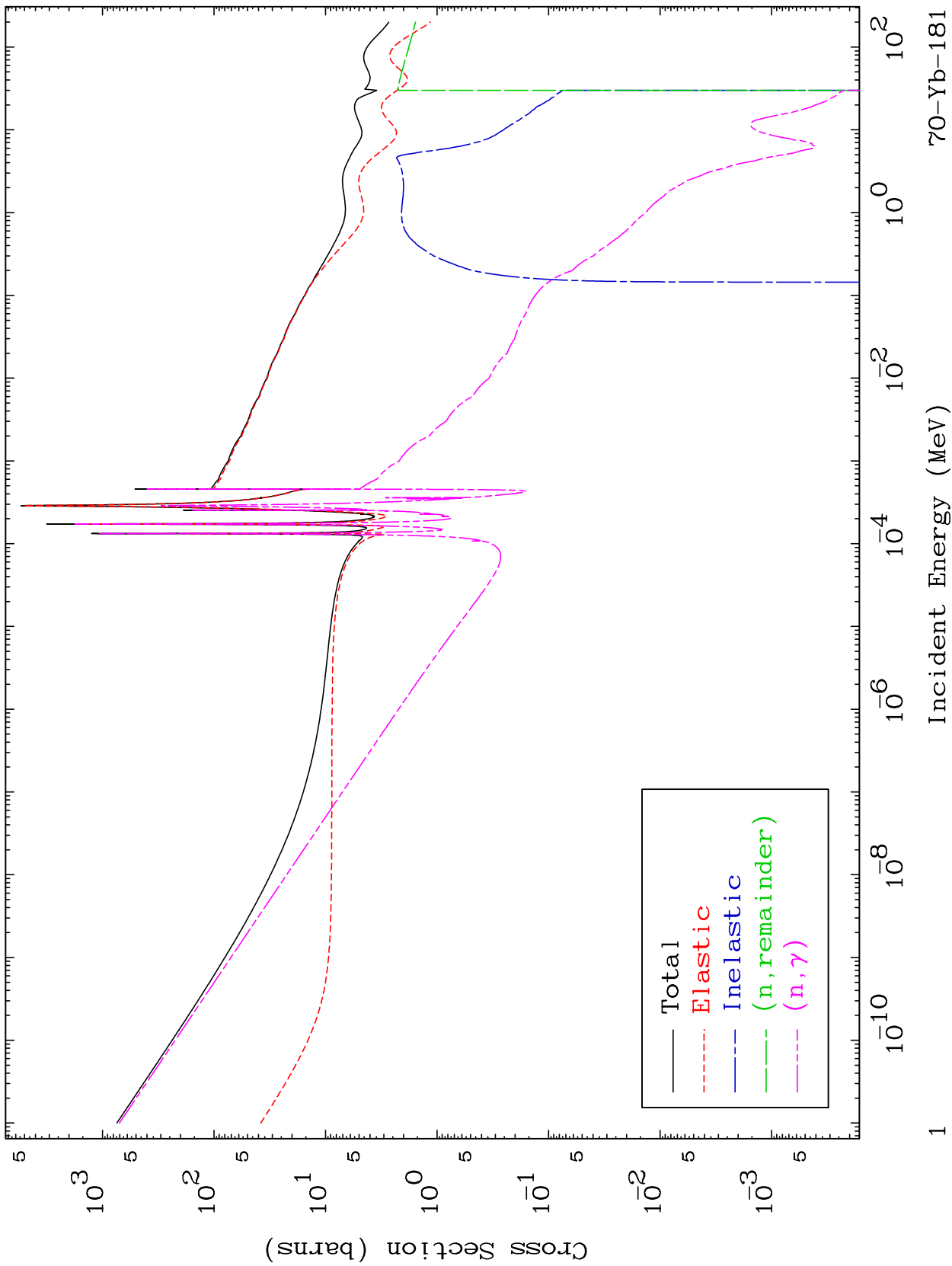
Press Mouse Button to Start

MAT 7064

Major

293 Kelvin Cross Sections

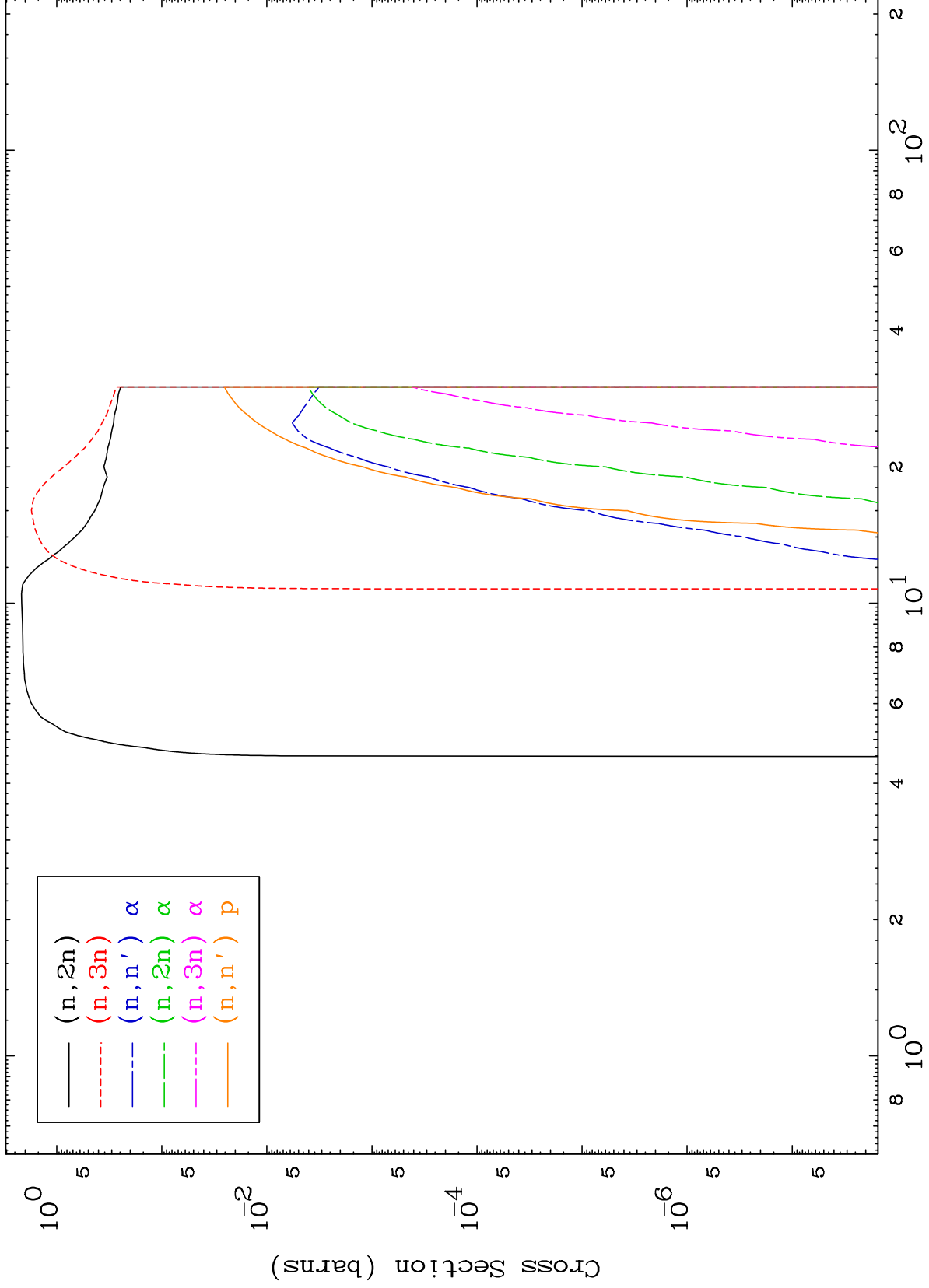
70-Yb-181

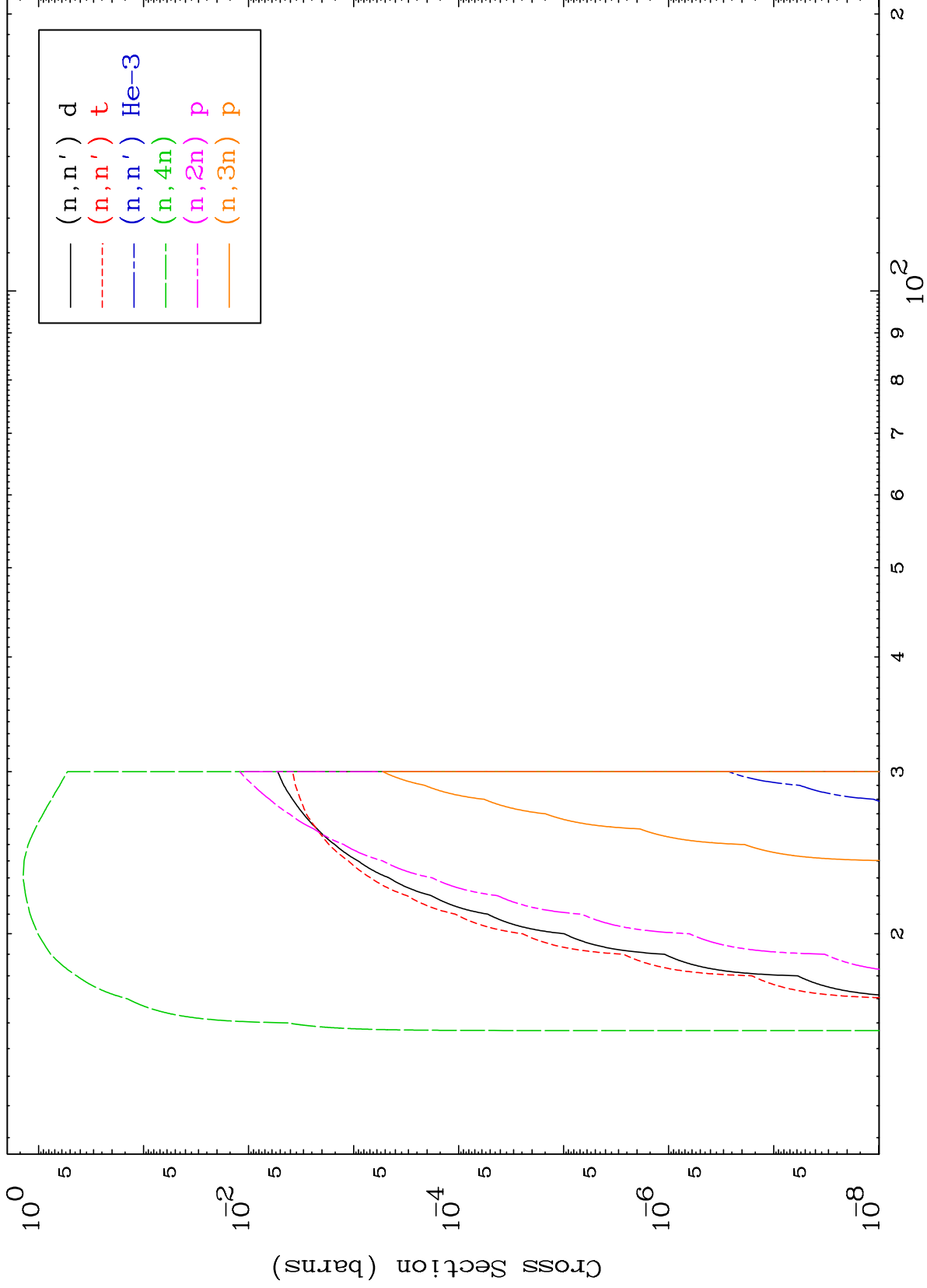


MAT 7064

Neutron Production
293 Kelvin Cross Sections

70-Yb-181

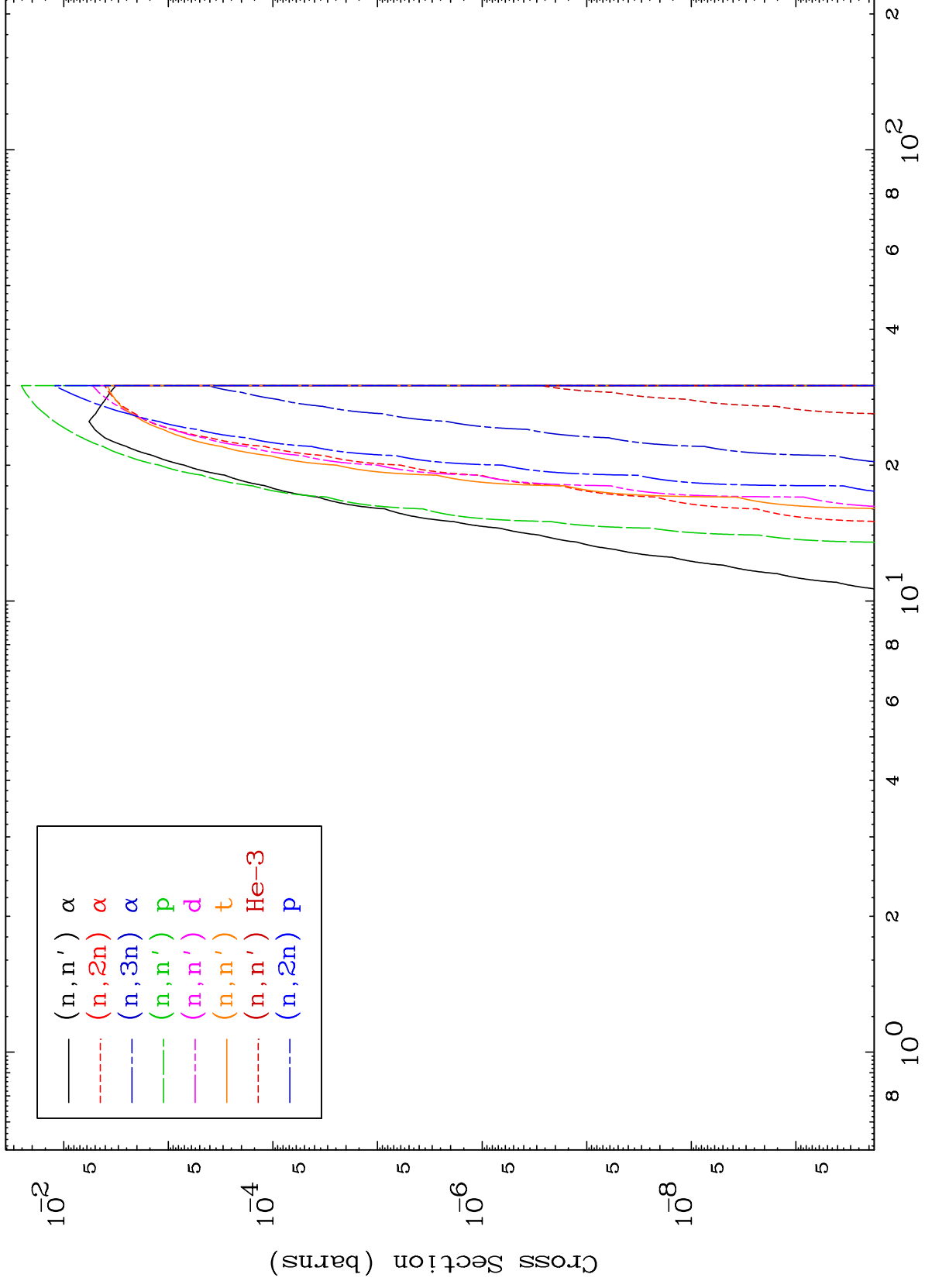




MAT 7064

Charged Particle
293 Kelvin Cross Sections

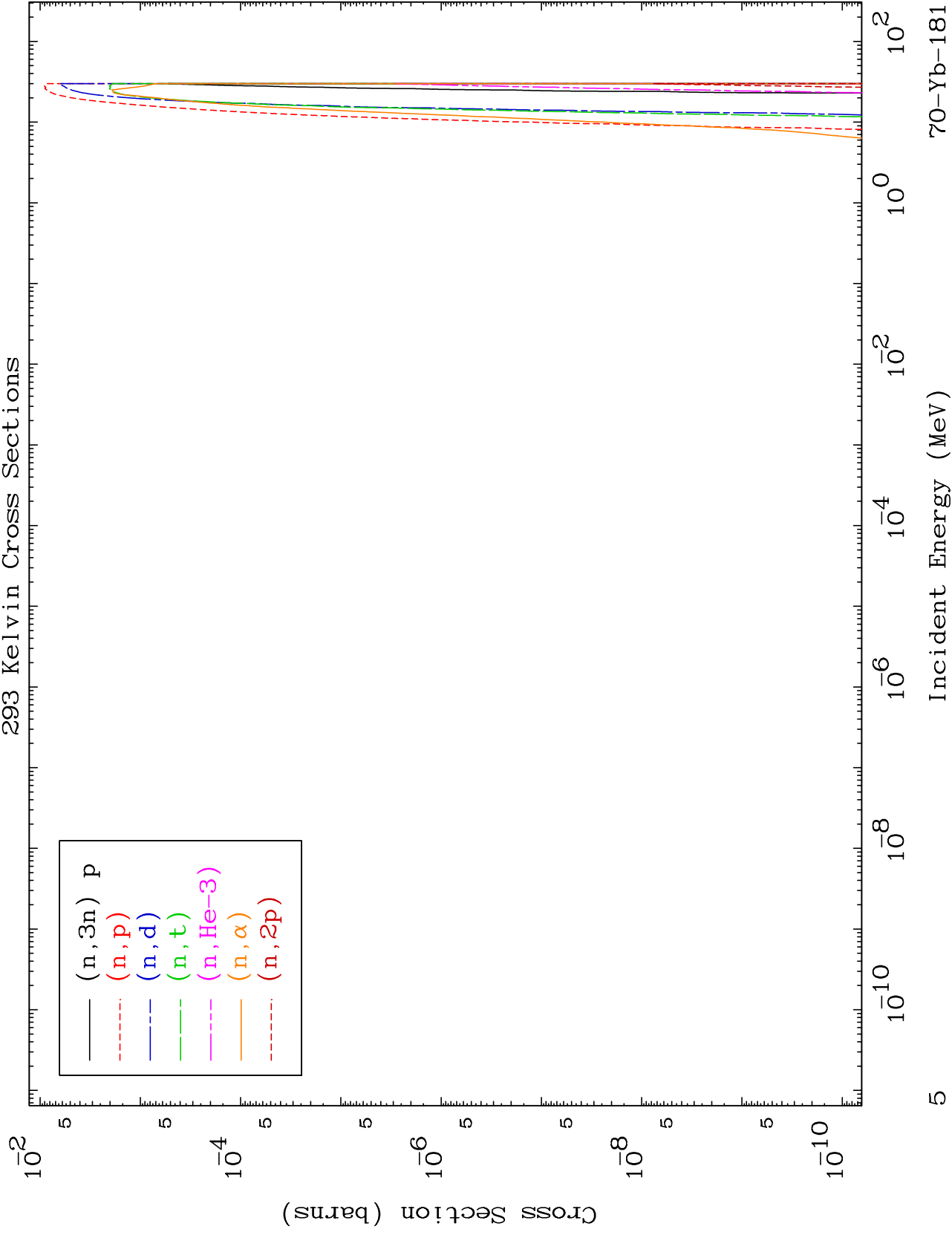
70-Yb-181



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Charged Particle
293 Kelvin Cross Sections

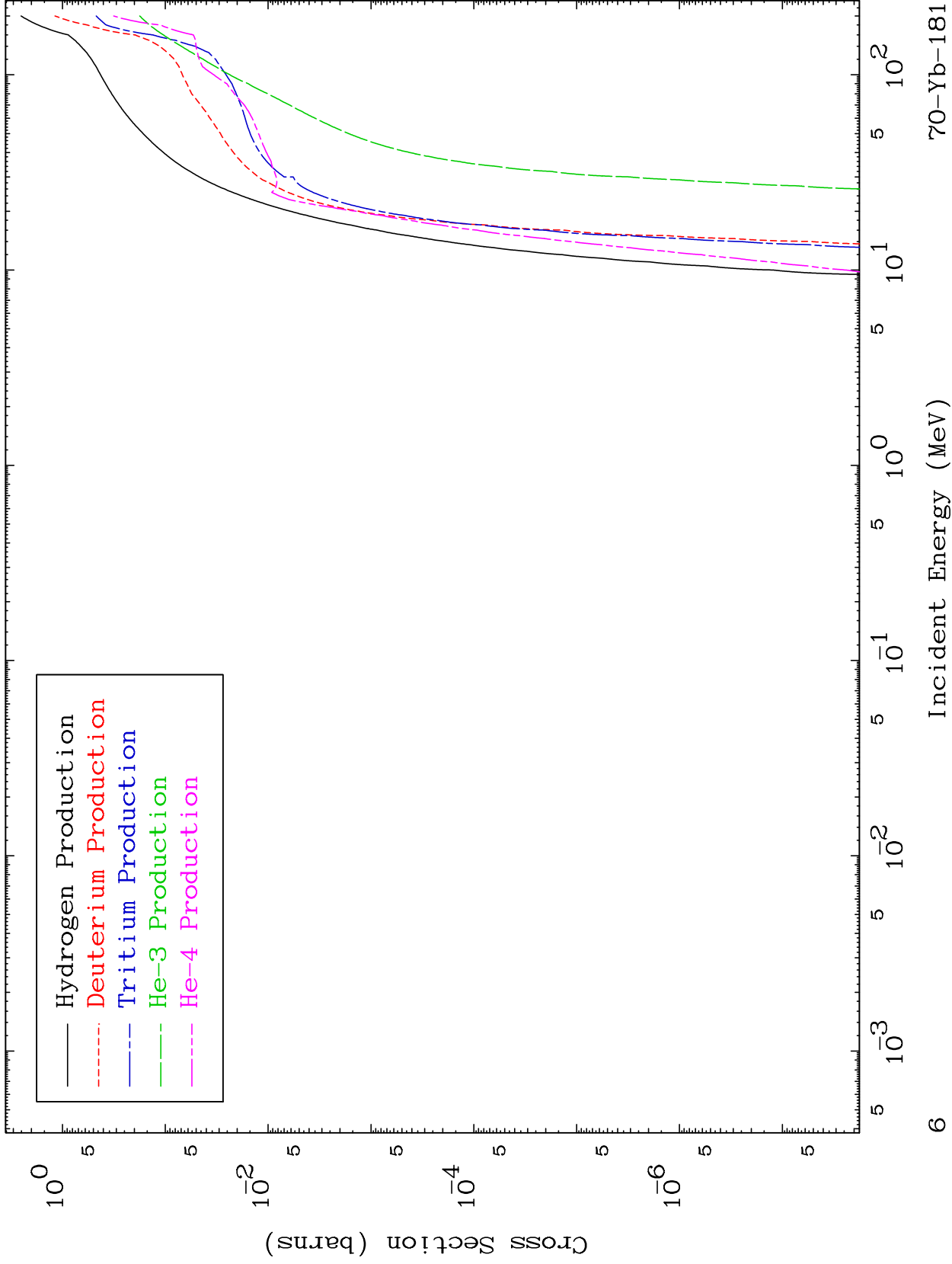
70-Yb-181



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Particle Production
293 Kelvin Cross Sections

70-Yb-181

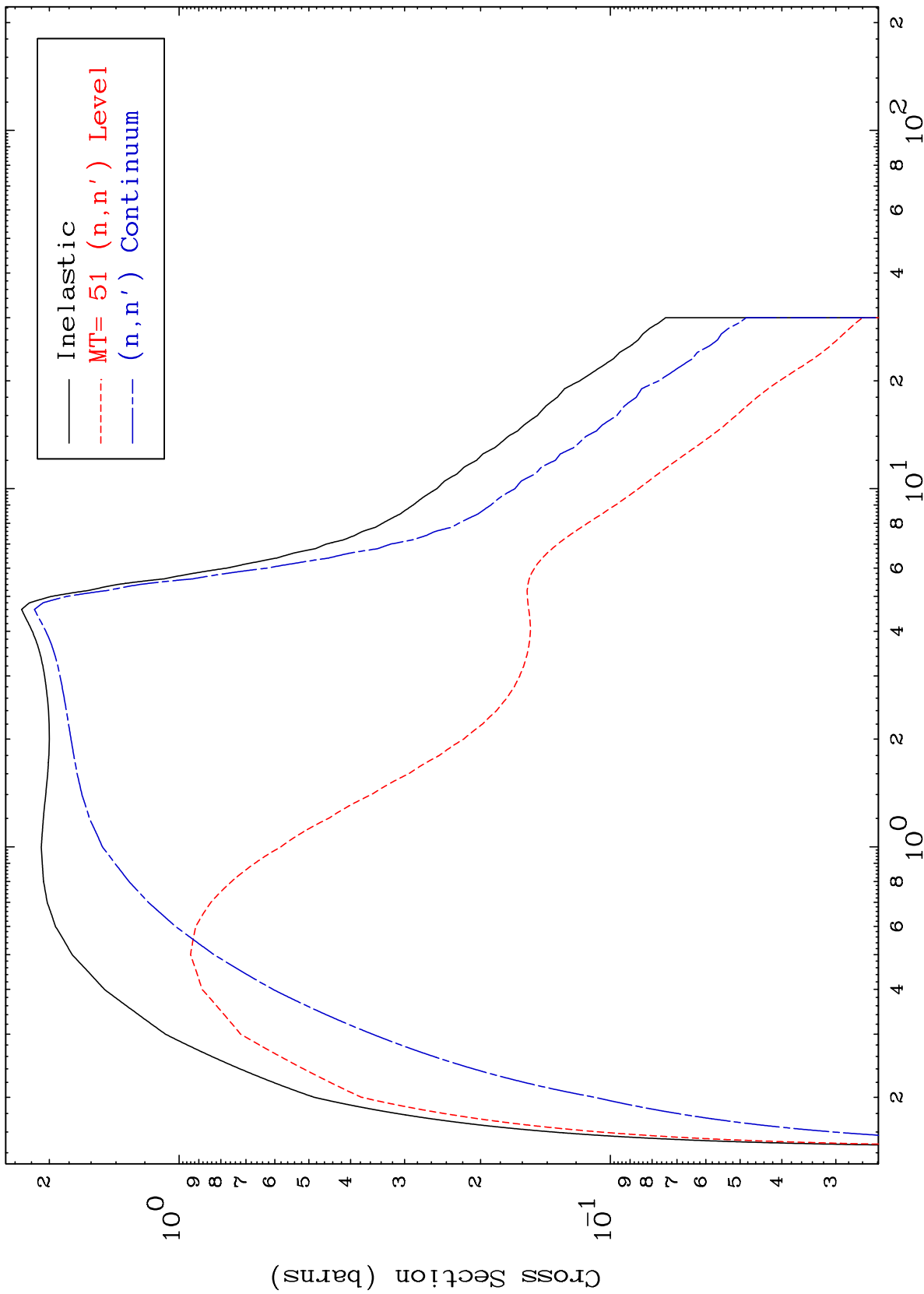


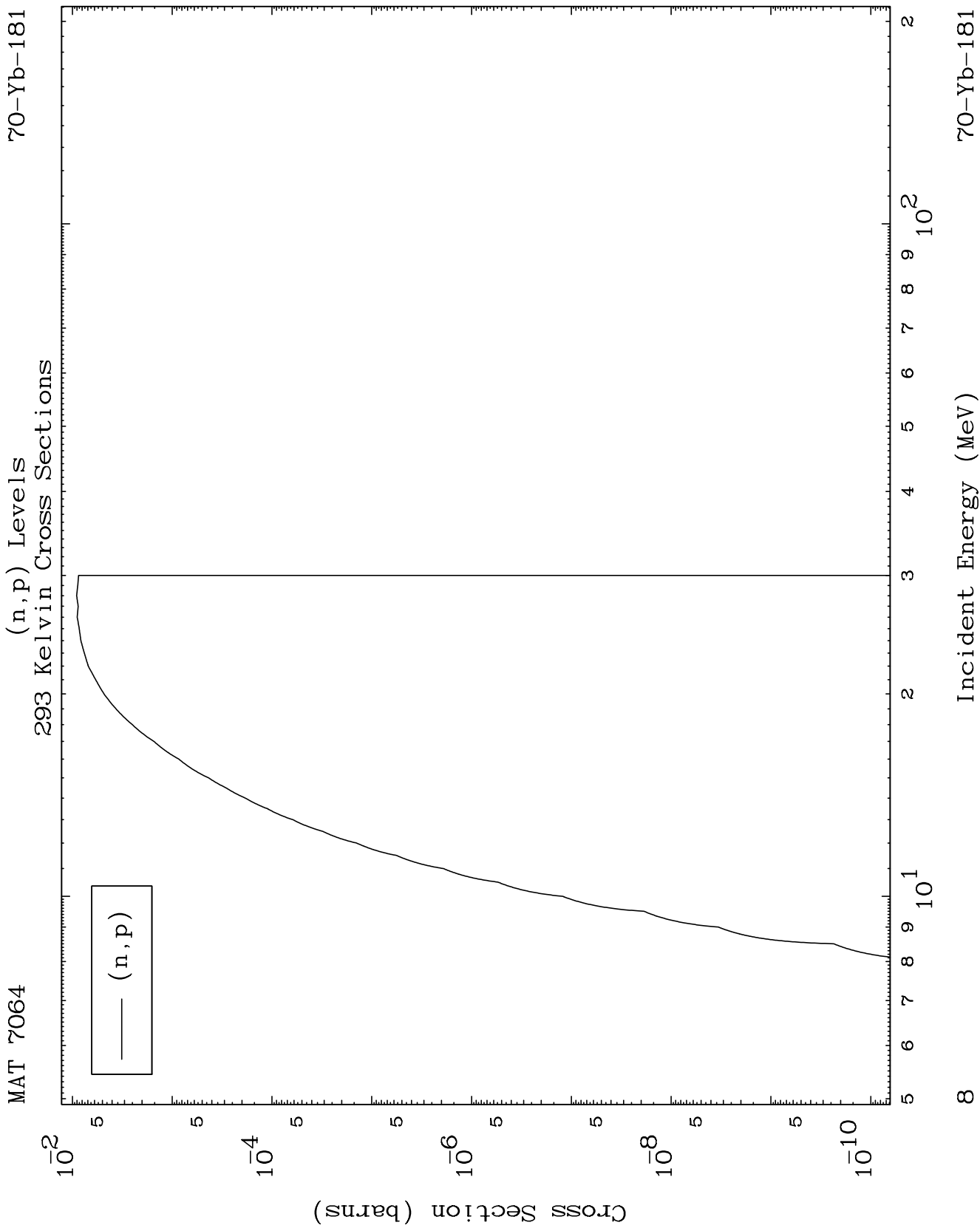
MAT 7064

(n,n') Level

70-Yb-181

293 Kelvin Cross Sections

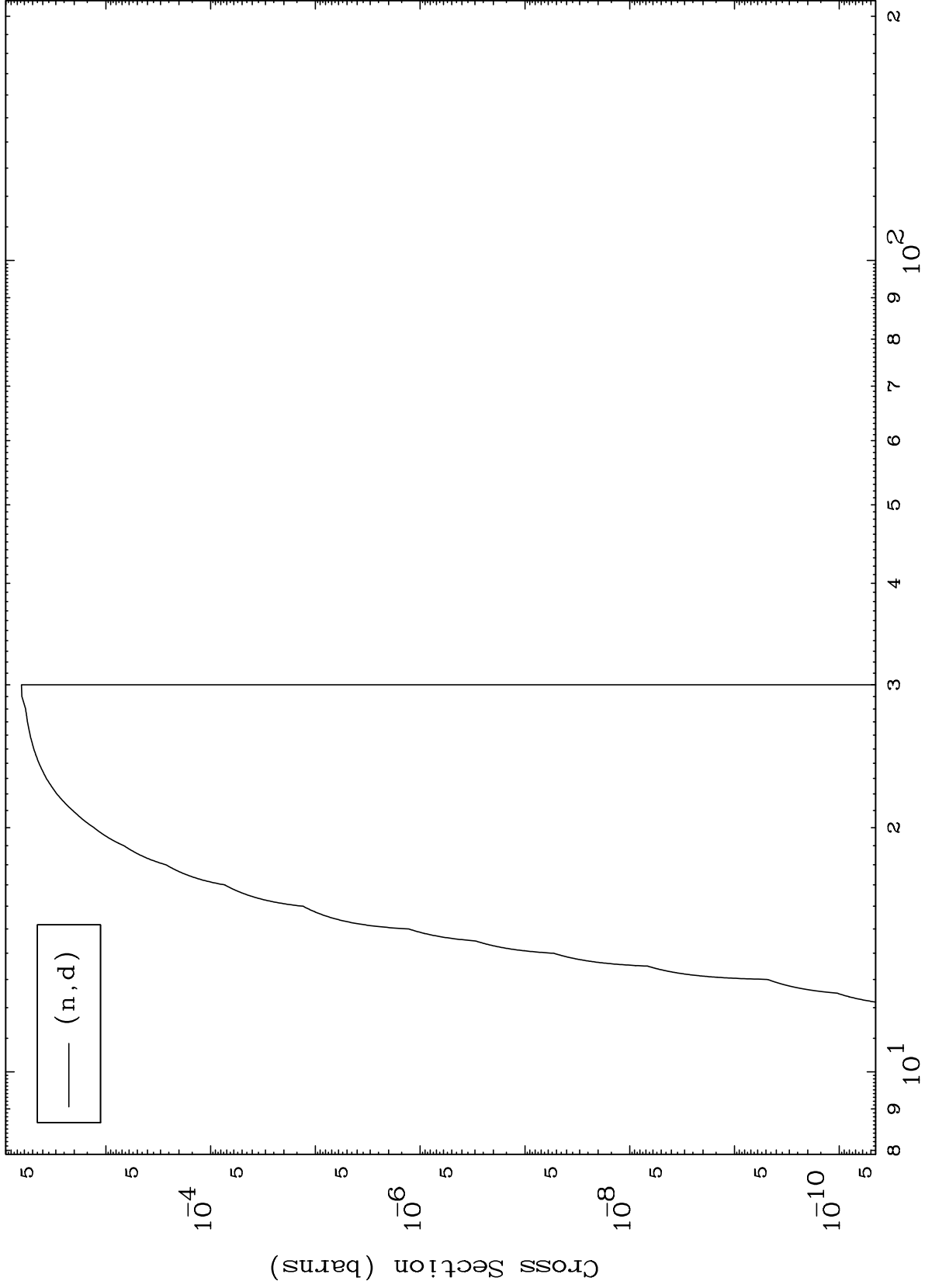




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(n,d) Levels
293 Kelvin Cross Sections

70-Yb-181



9

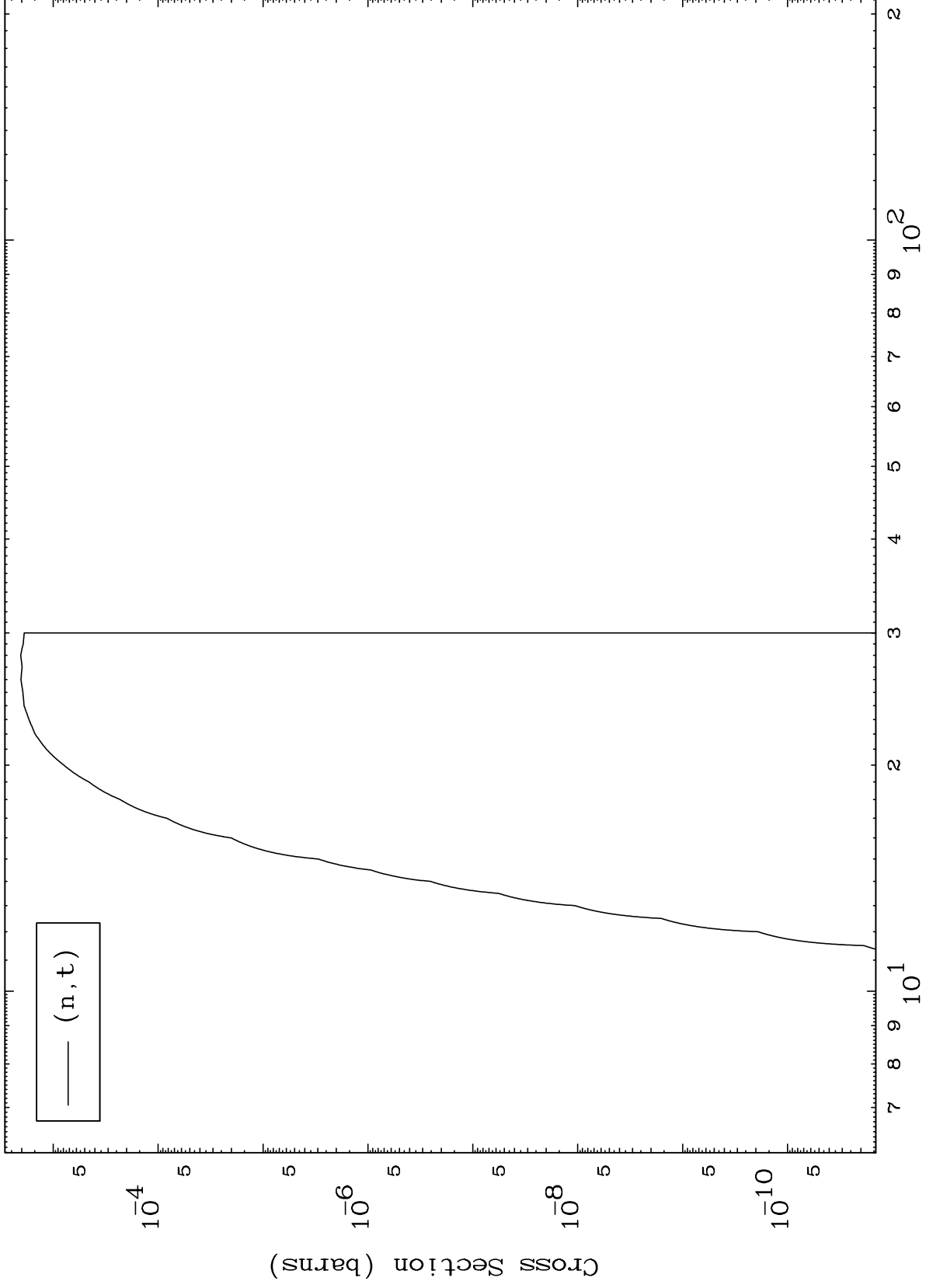
Incident Energy (MeV)

70-Yb-181

MAT 7064

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-181



10

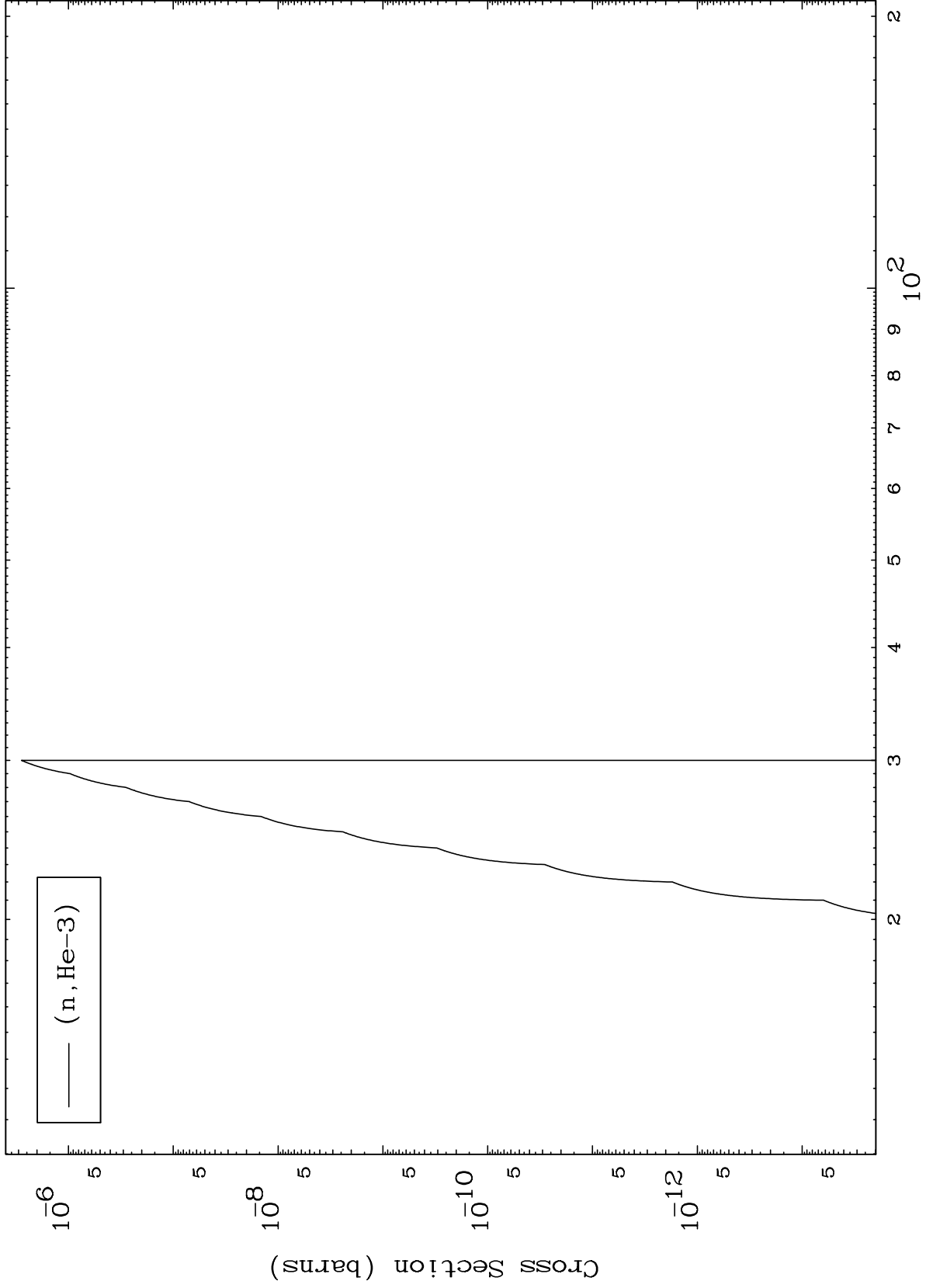
Incident Energy (MeV)

70-Yb-181

MAT 7064

(n,He3) Levels
293 Kelvin Cross Sections

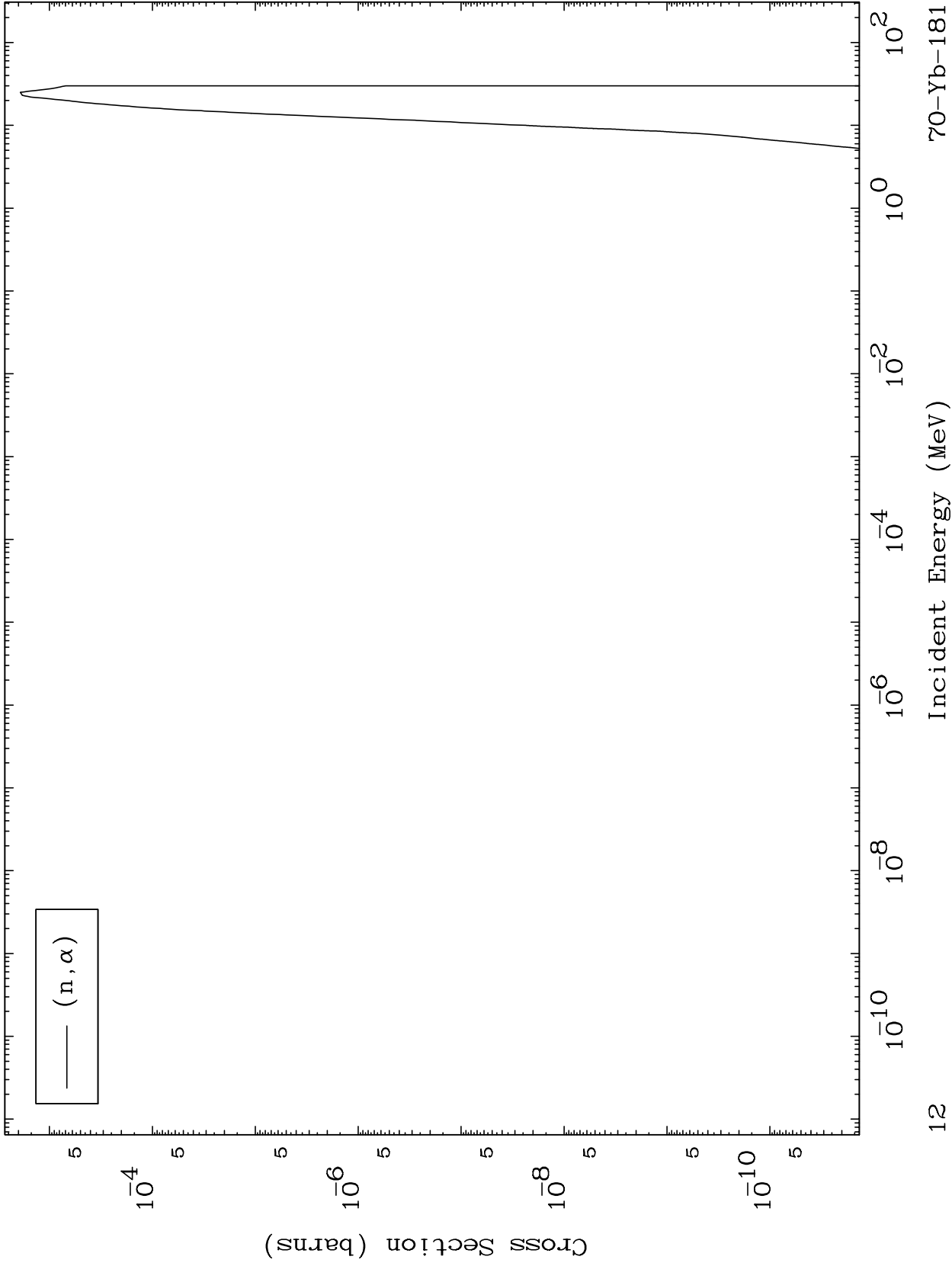
70-Yb-181

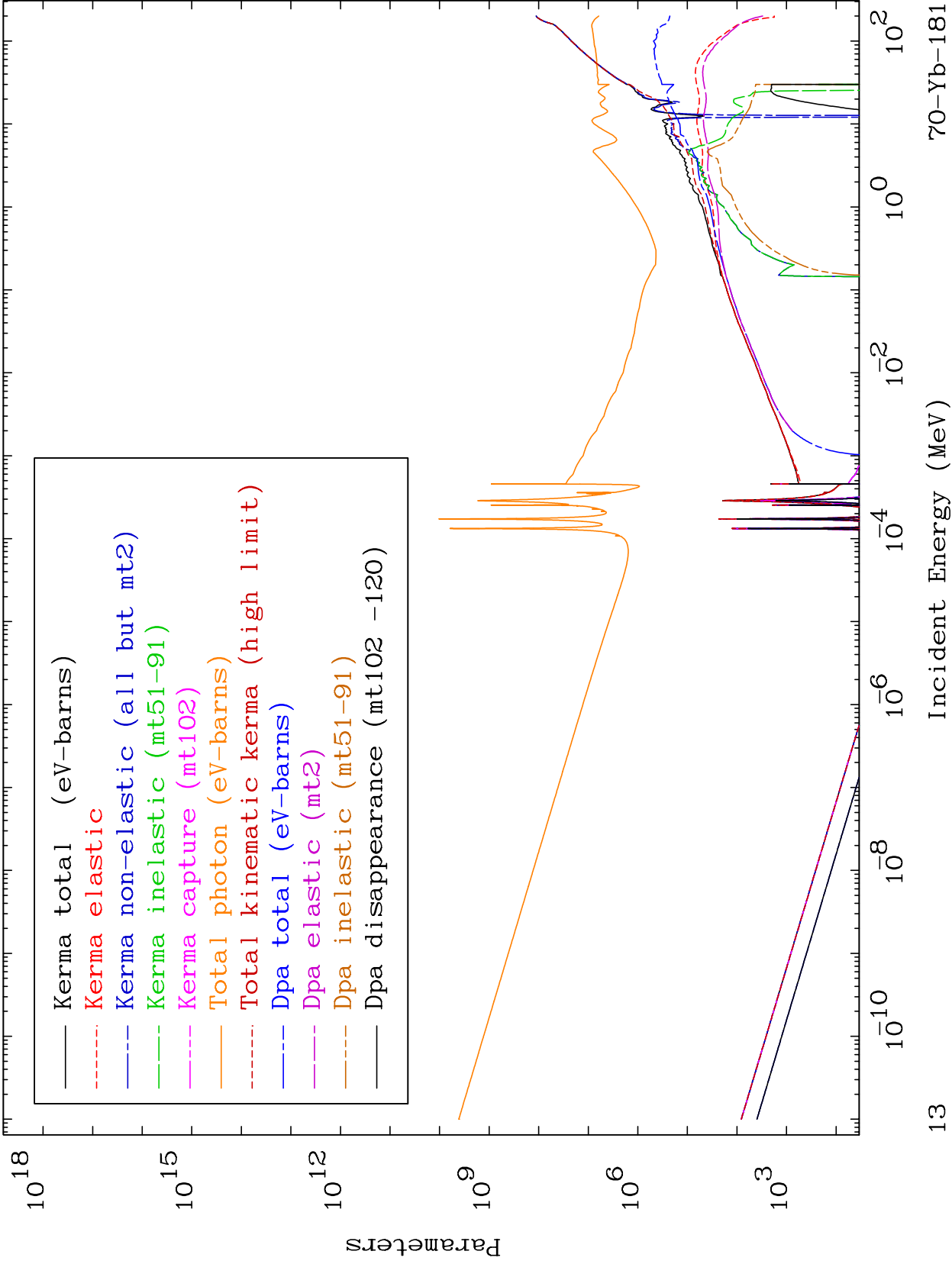


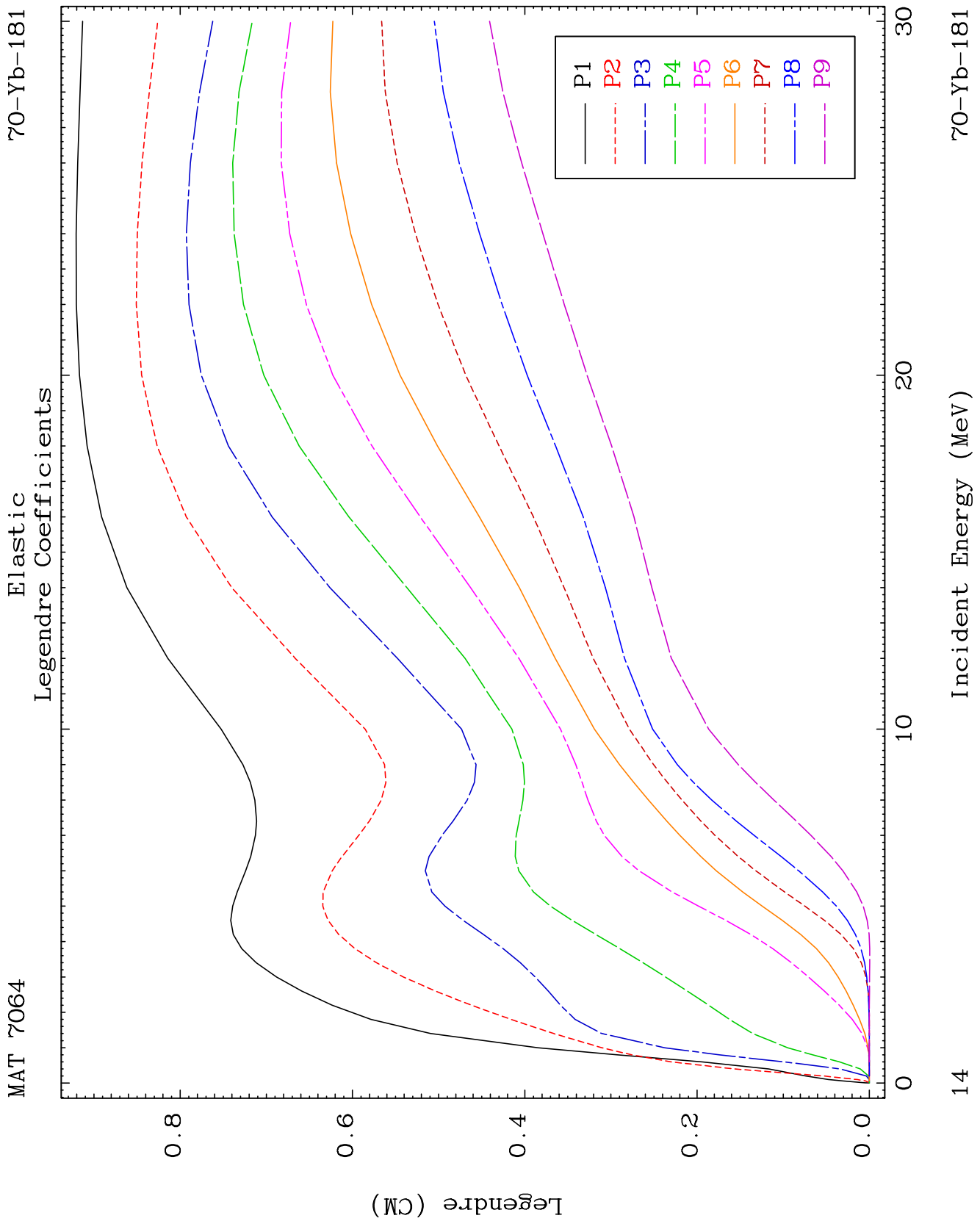
MAT 7064

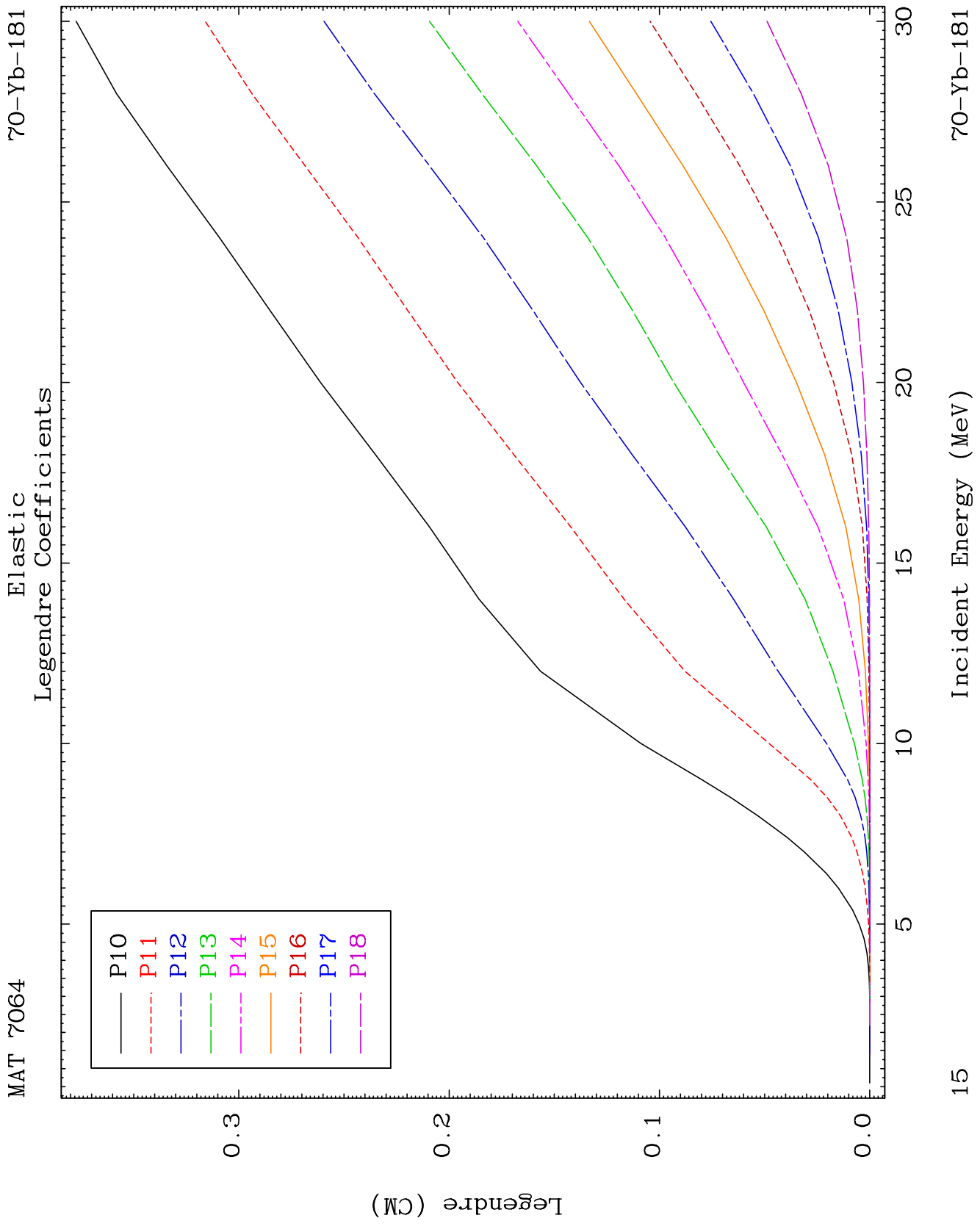
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-181





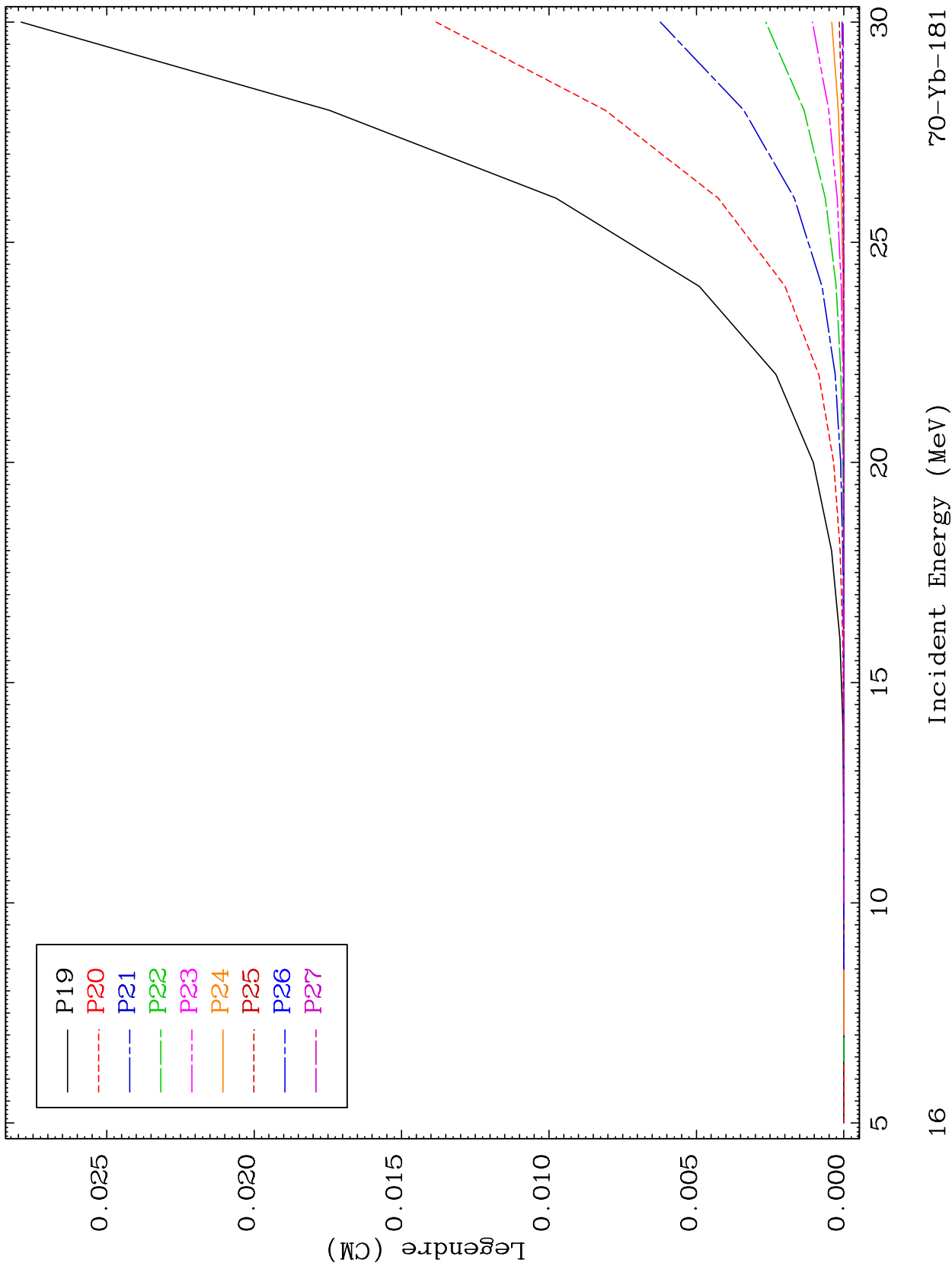




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Elastic Legendre Coefficients

70-Yb-181



16

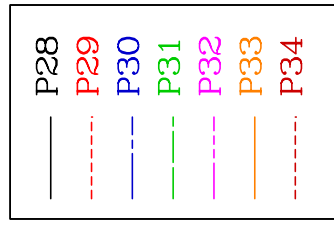
Incident Energy (MeV)

70-Yb-181

MAT 7064

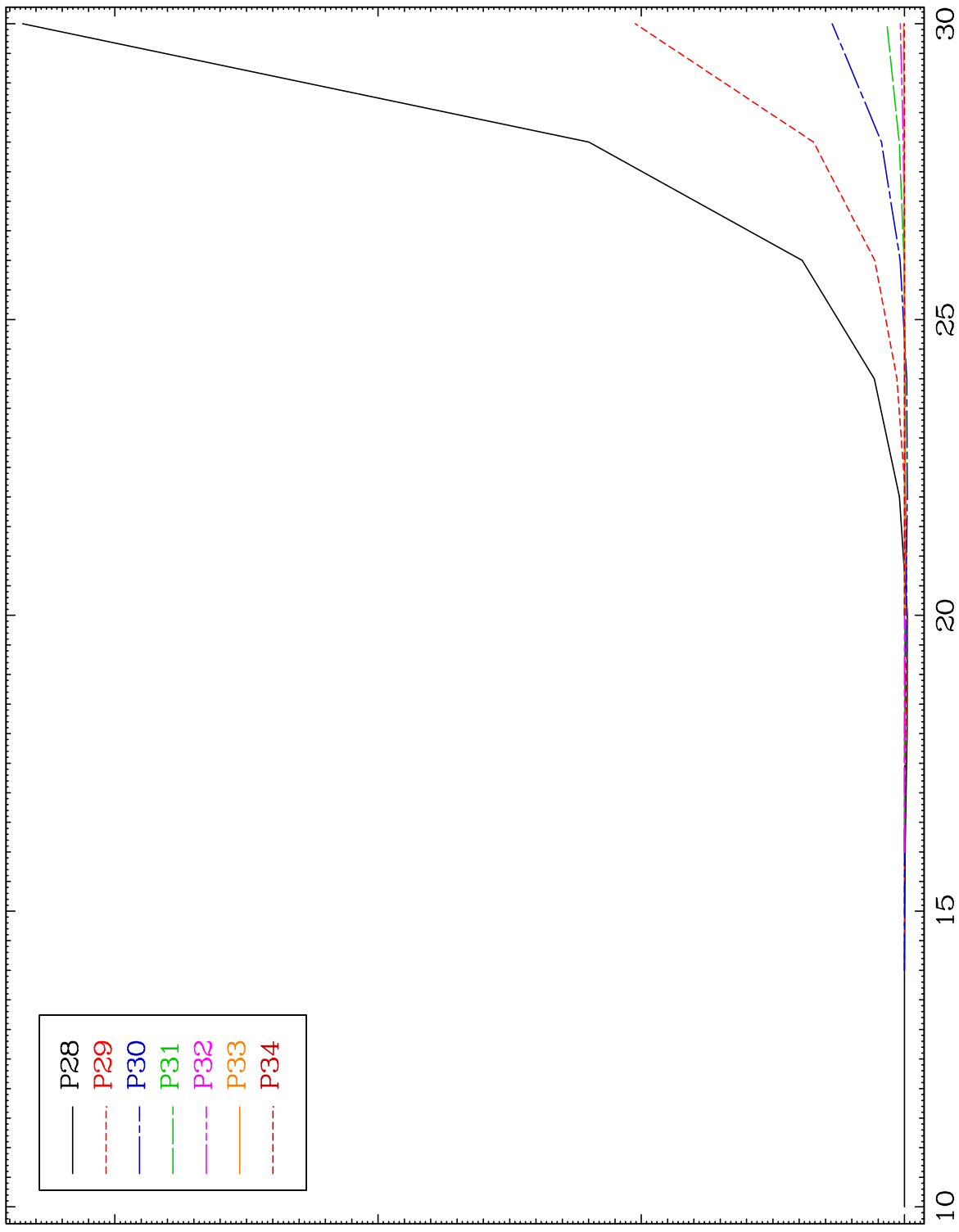
Elastic Legendre Coefficients

70-Yb-181



$\times 10^{-6}$

Legendre (CM)



10

15

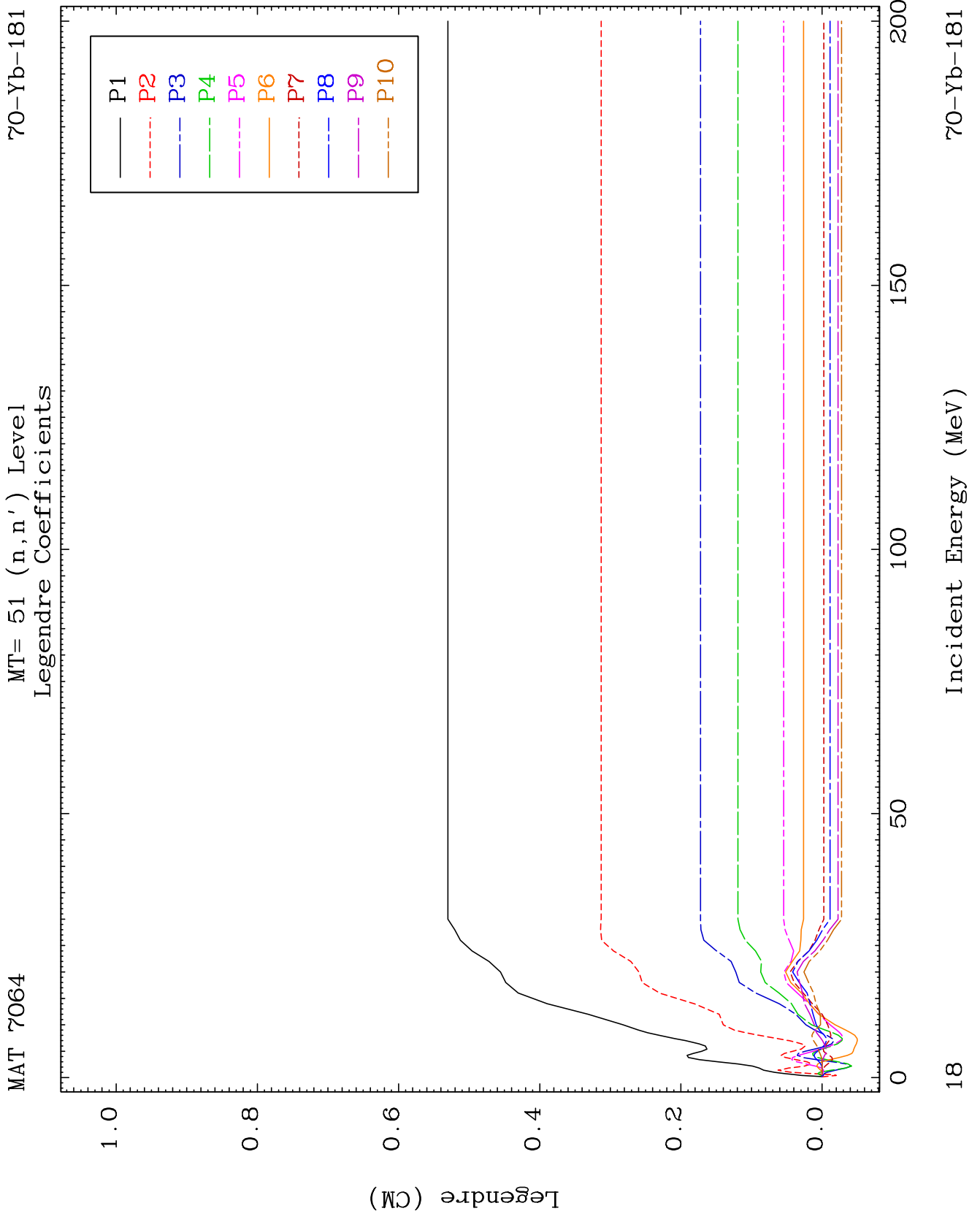
20

25

30

Incident Energy (MeV)

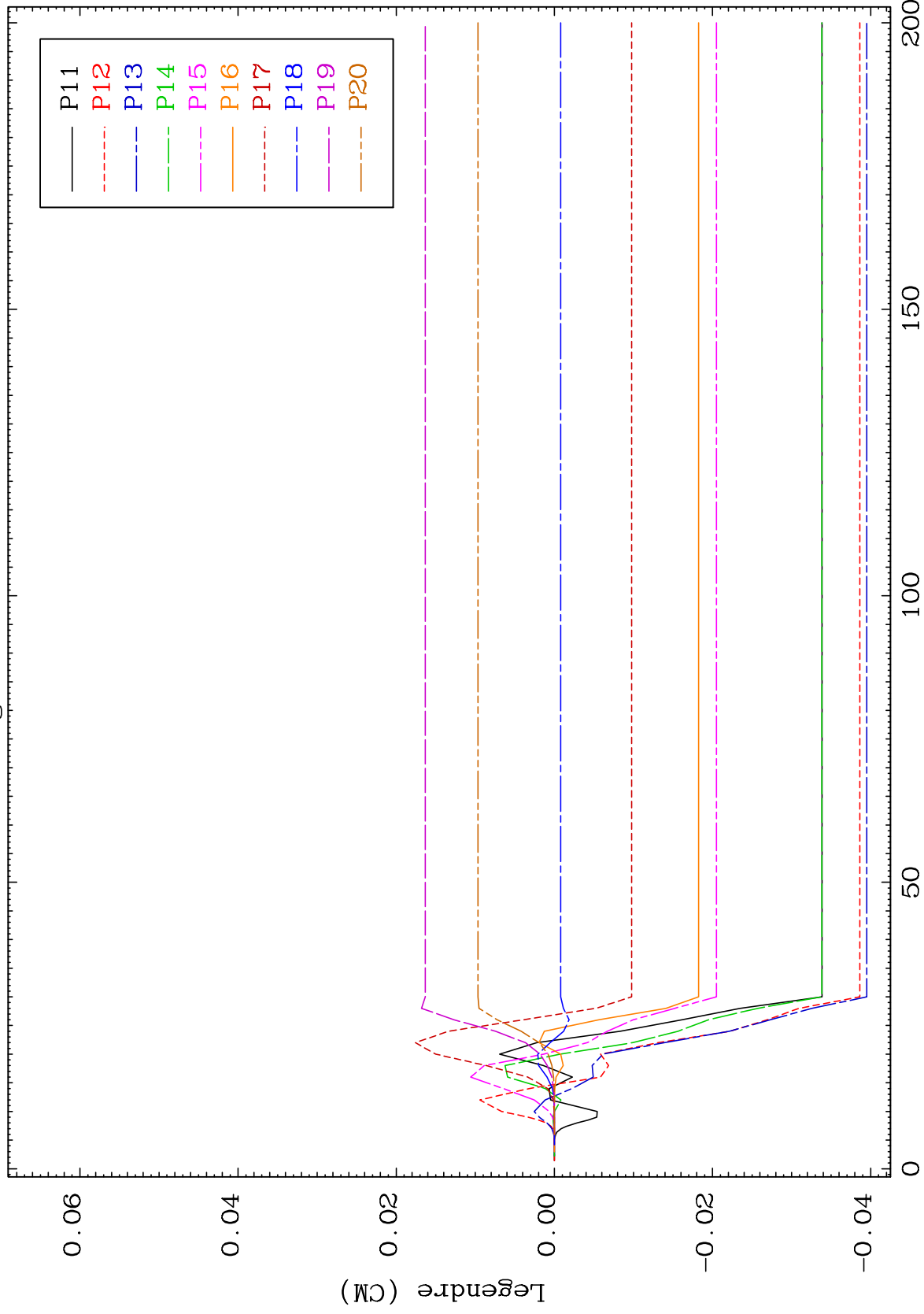
70-Yb-181



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

70-Yb-181



19

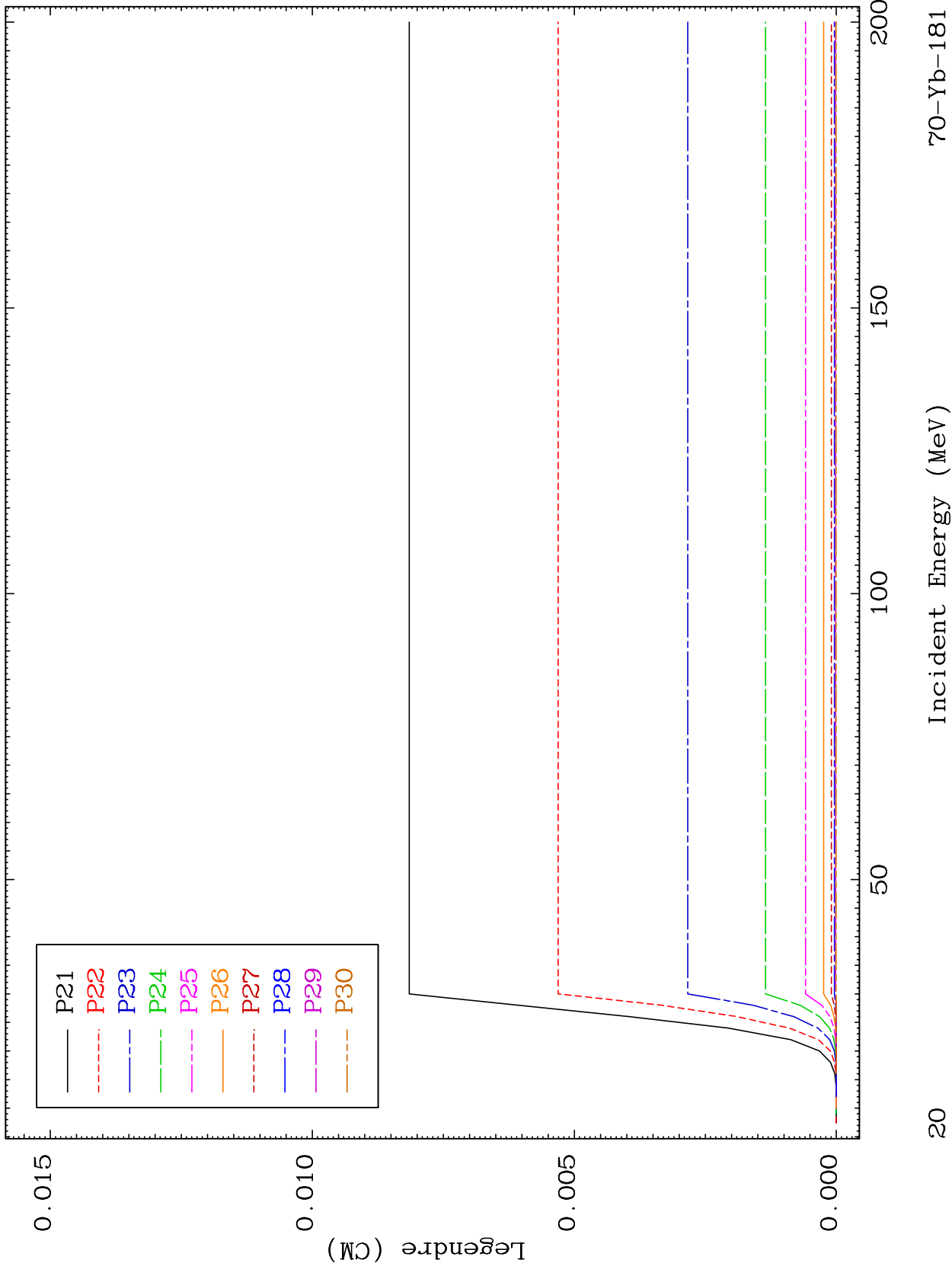
Incident Energy (MeV)

70-Yb-181

MAT 7064

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

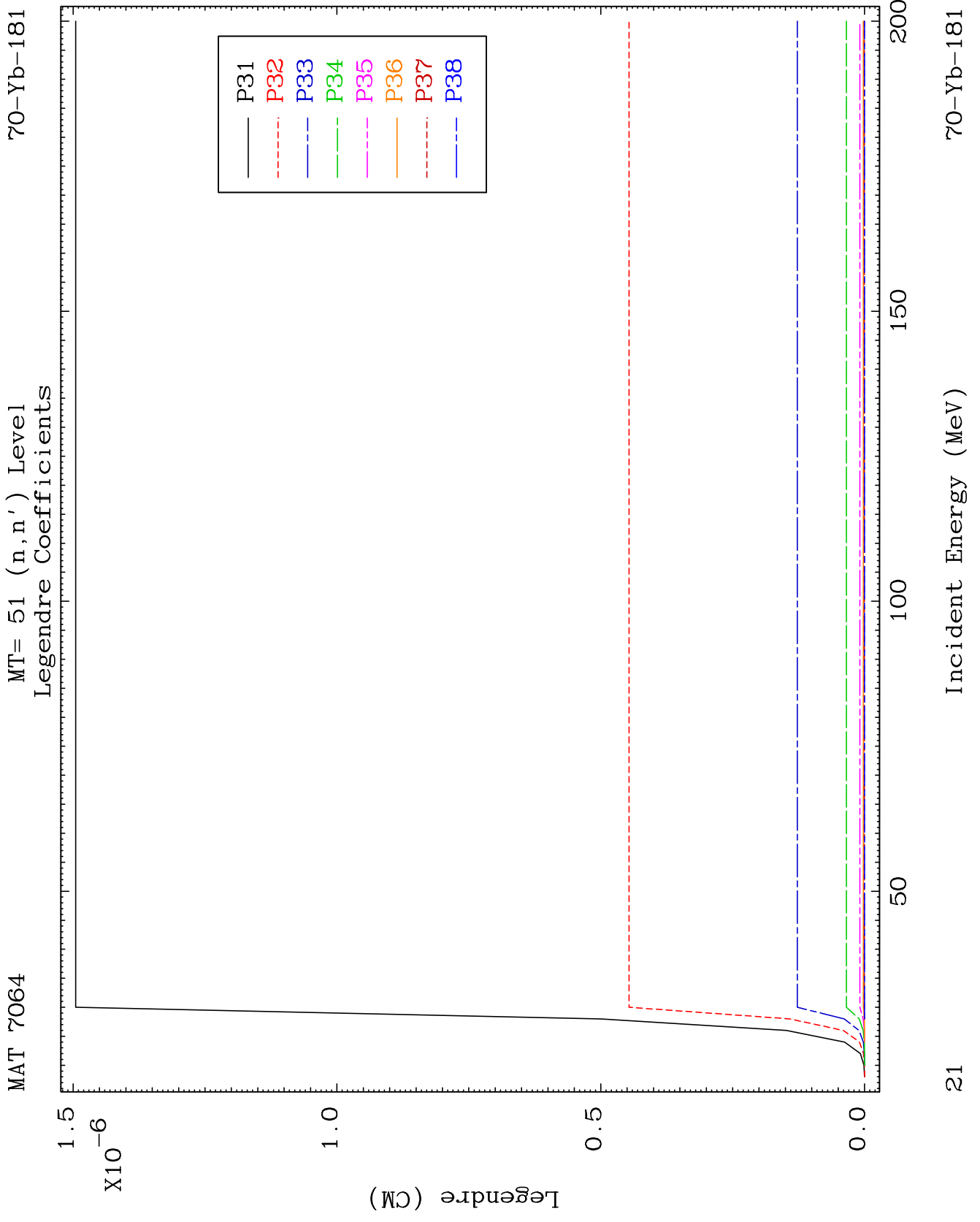
70-Yb-181



20

Incident Energy (MeV)

70-Yb-181



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Fission

70-Yb-181

Radionuclide Production Cross Section

