

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

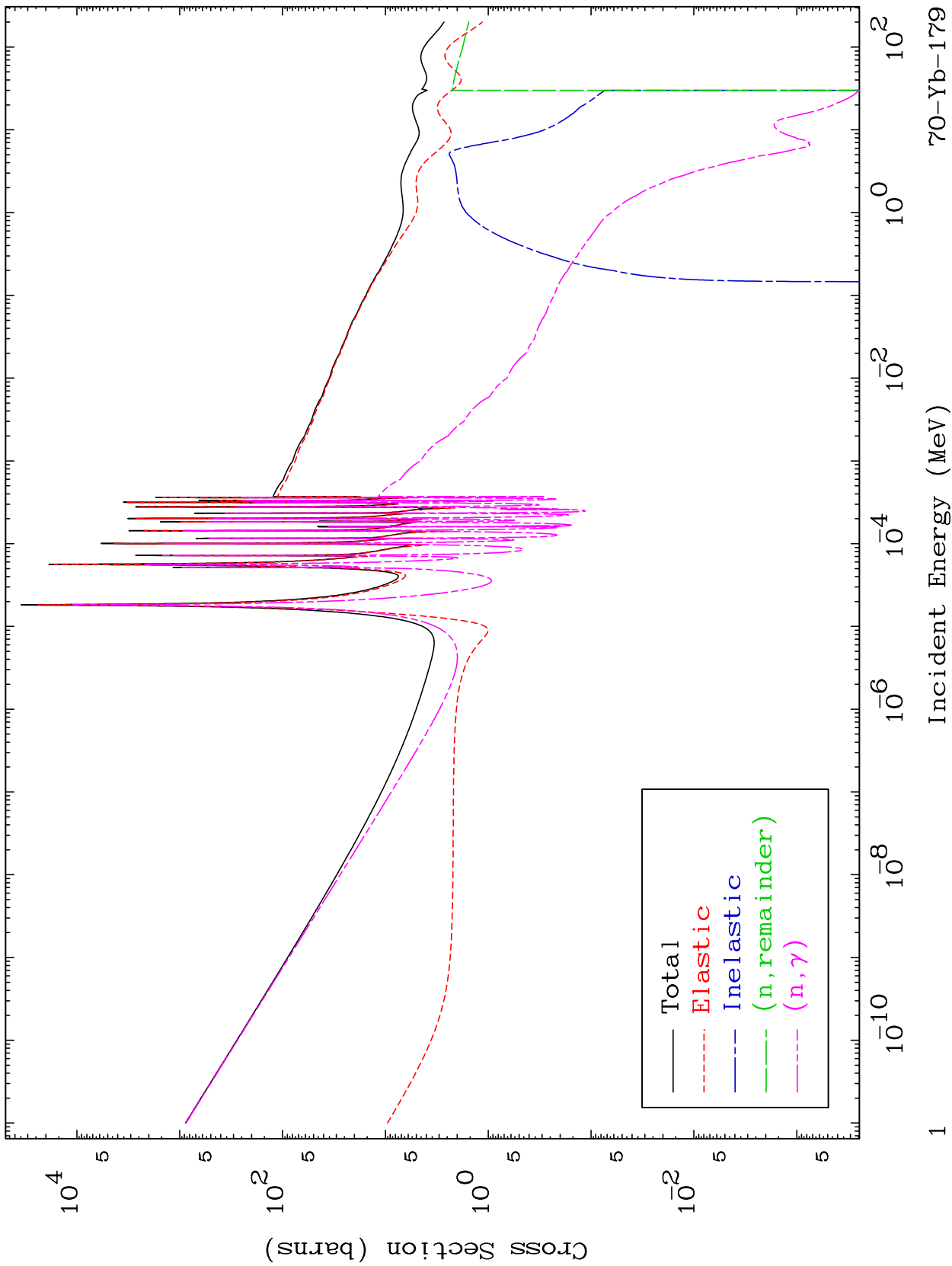
Press Mouse Button to Start

MAT 7058

Major

293 Kelvin Cross Sections

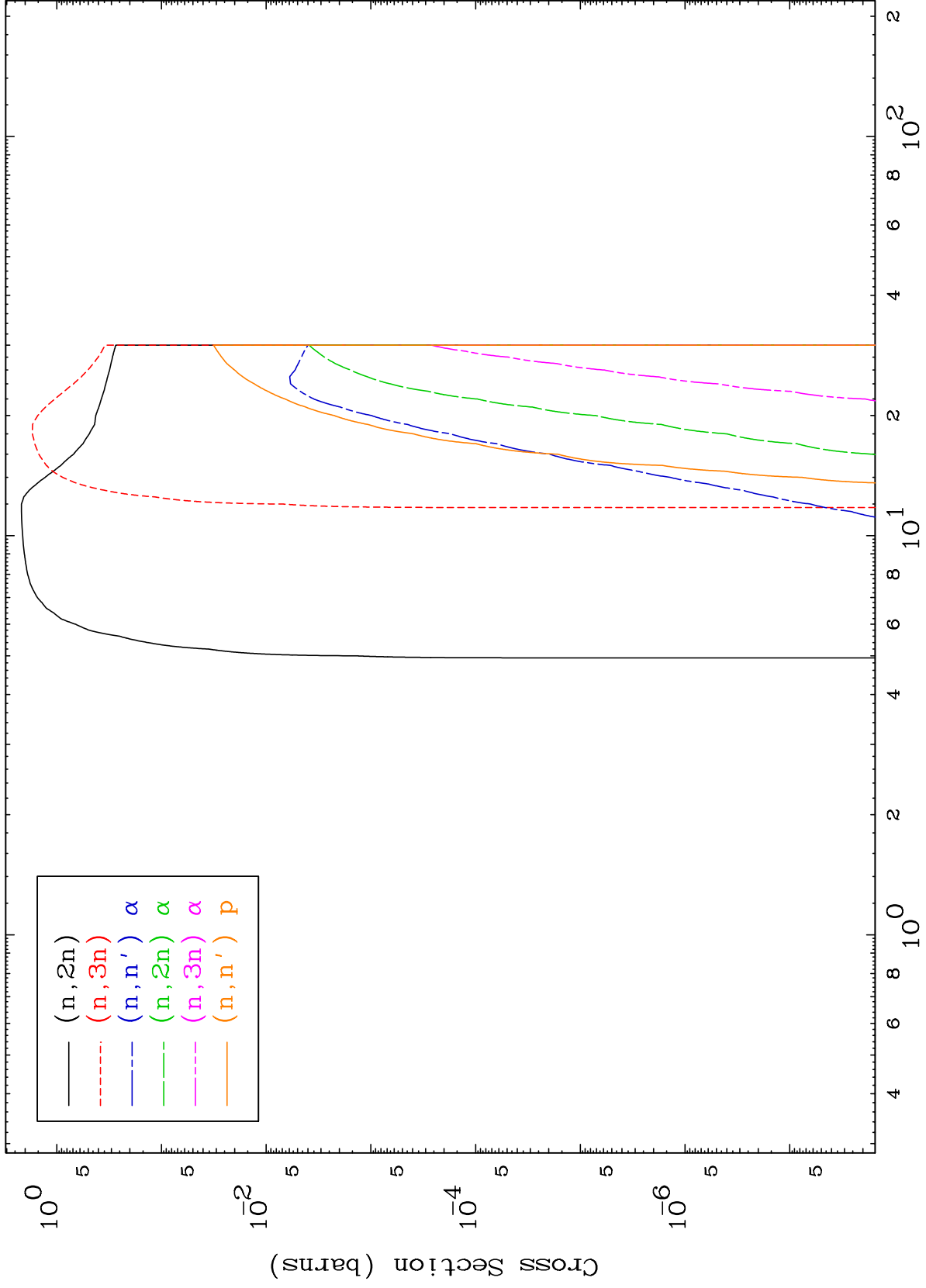
70-Yb-179

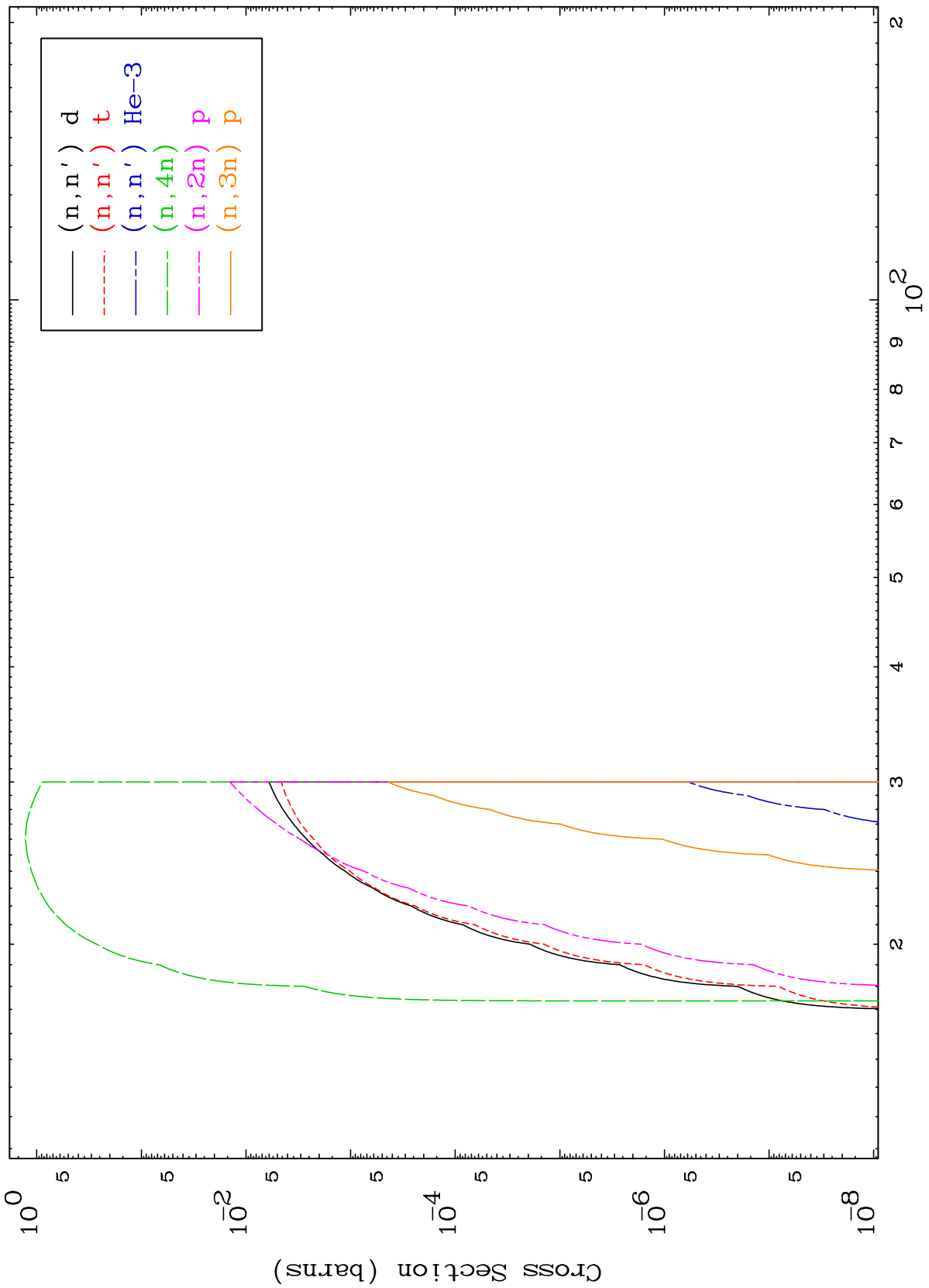


MAT 7058

Neutron Production  
293 Kelvin Cross Sections

70-Yb-179

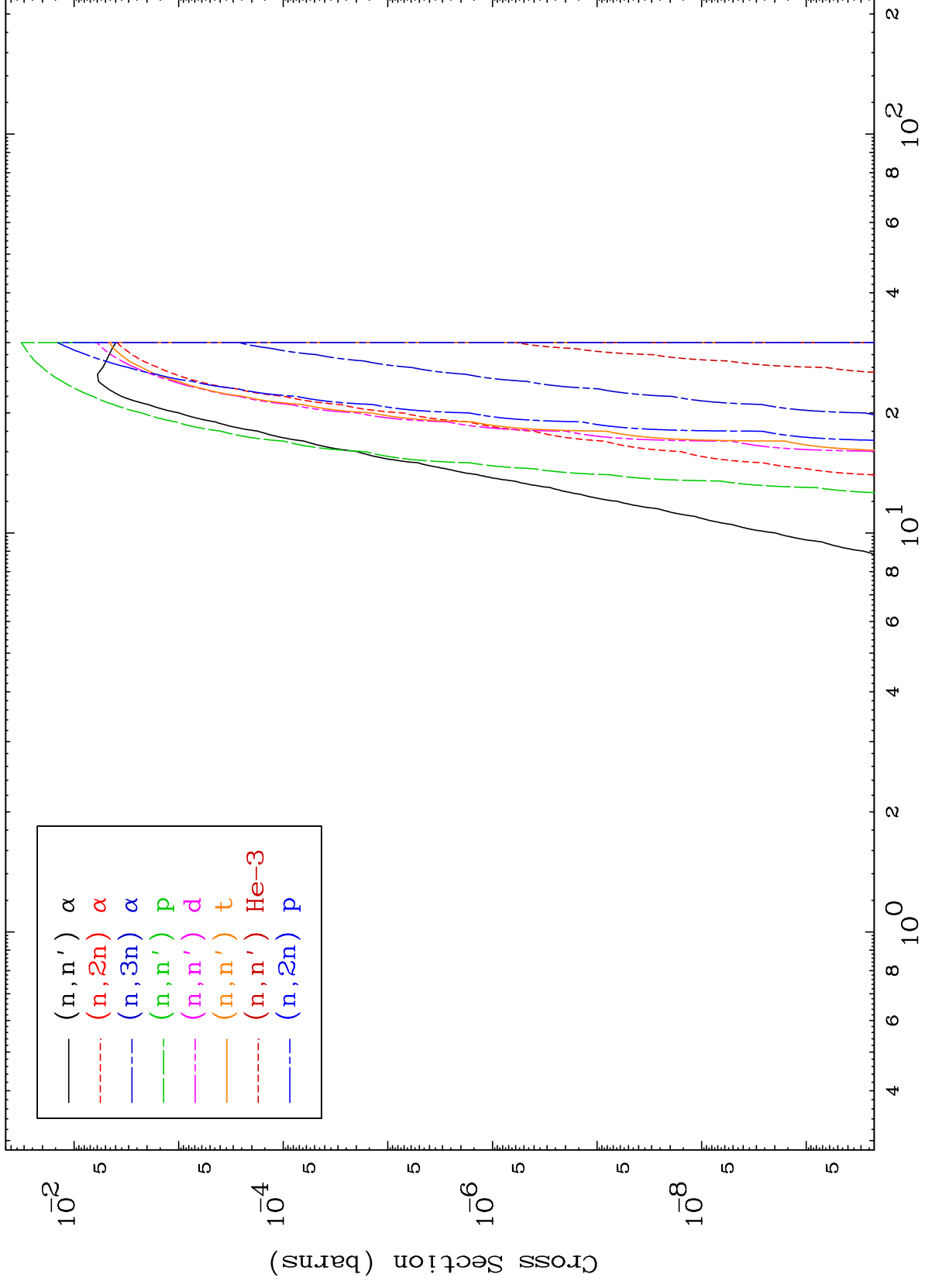




MAT 7058

293 Kelvin Cross Sections  
Charged Particle

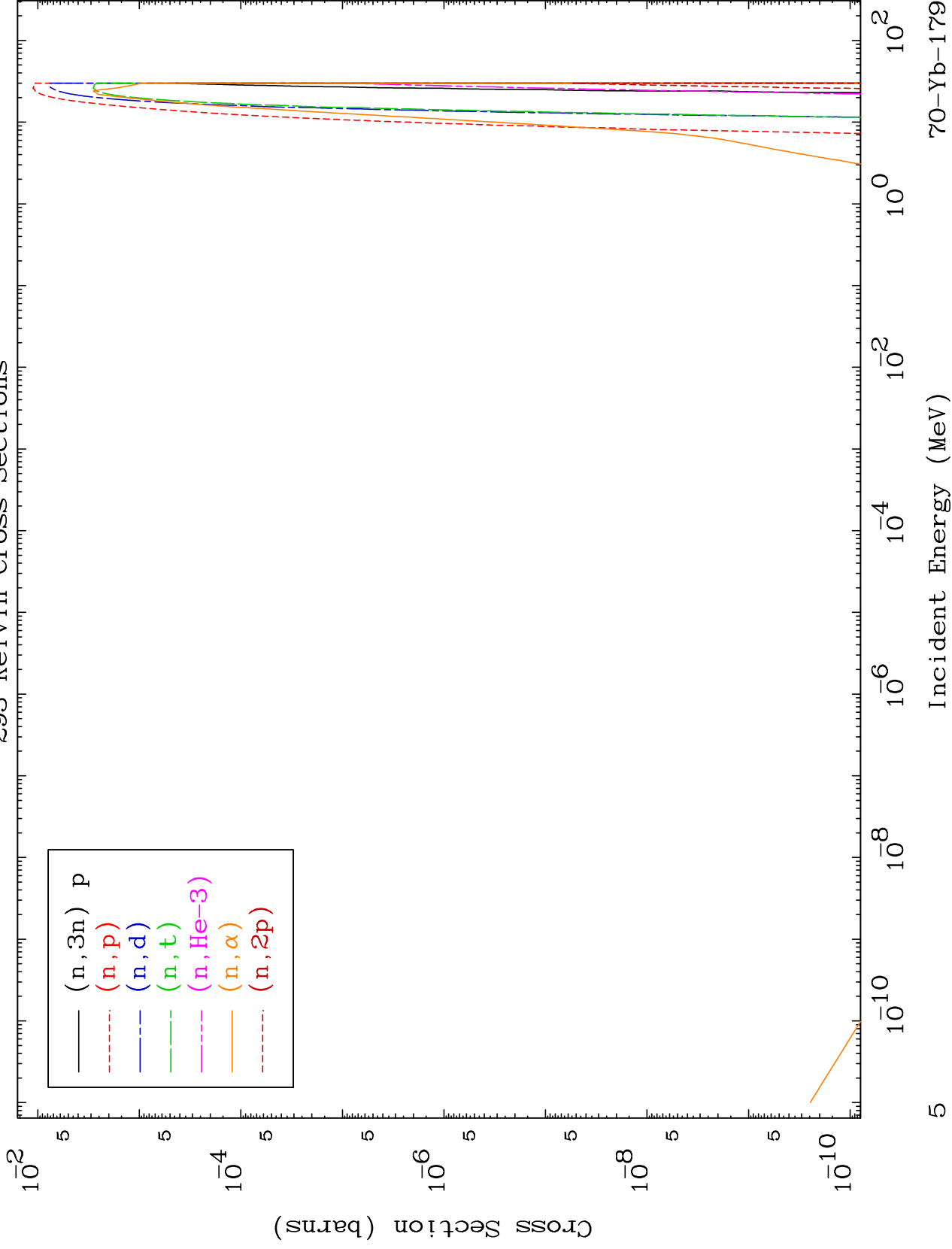
70-Yb-179



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Charged Particle  
293 Kelvin Cross Sections

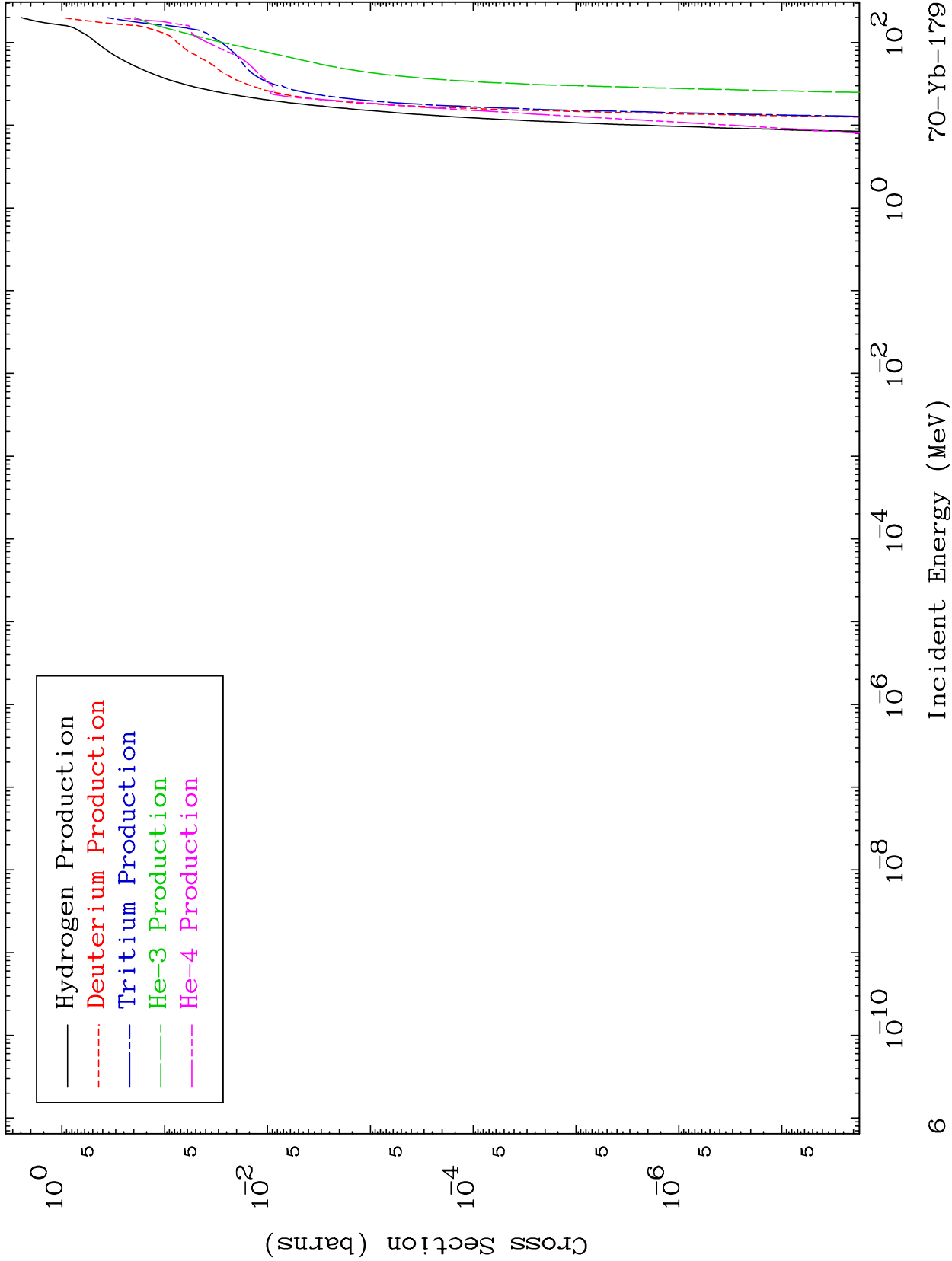
70-Yb-179



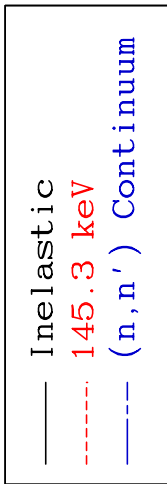
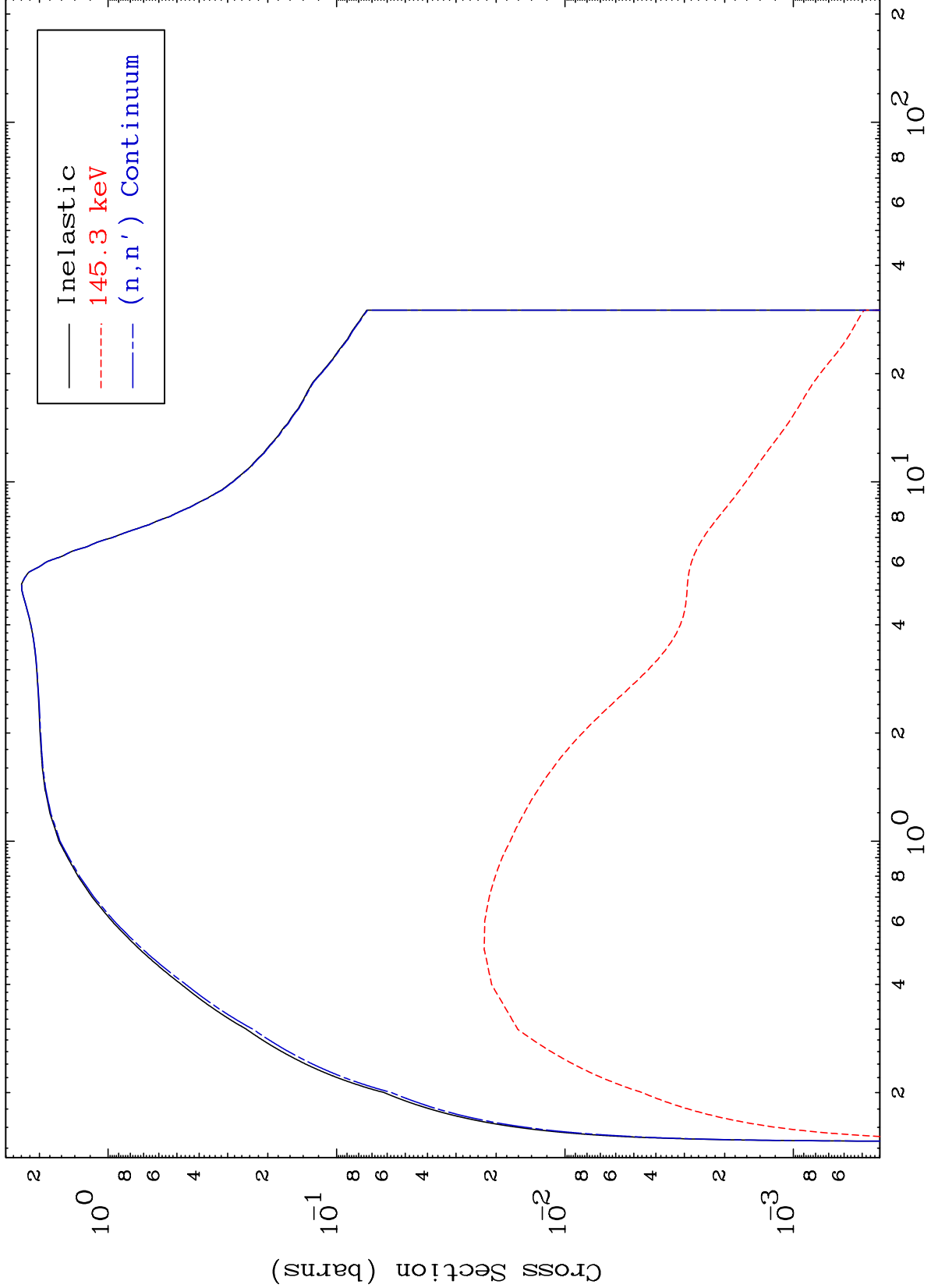
MAT 7058

Particle Production  
293 Kelvin Cross Sections

70-Yb-179



293 Kelvin Cross Sections

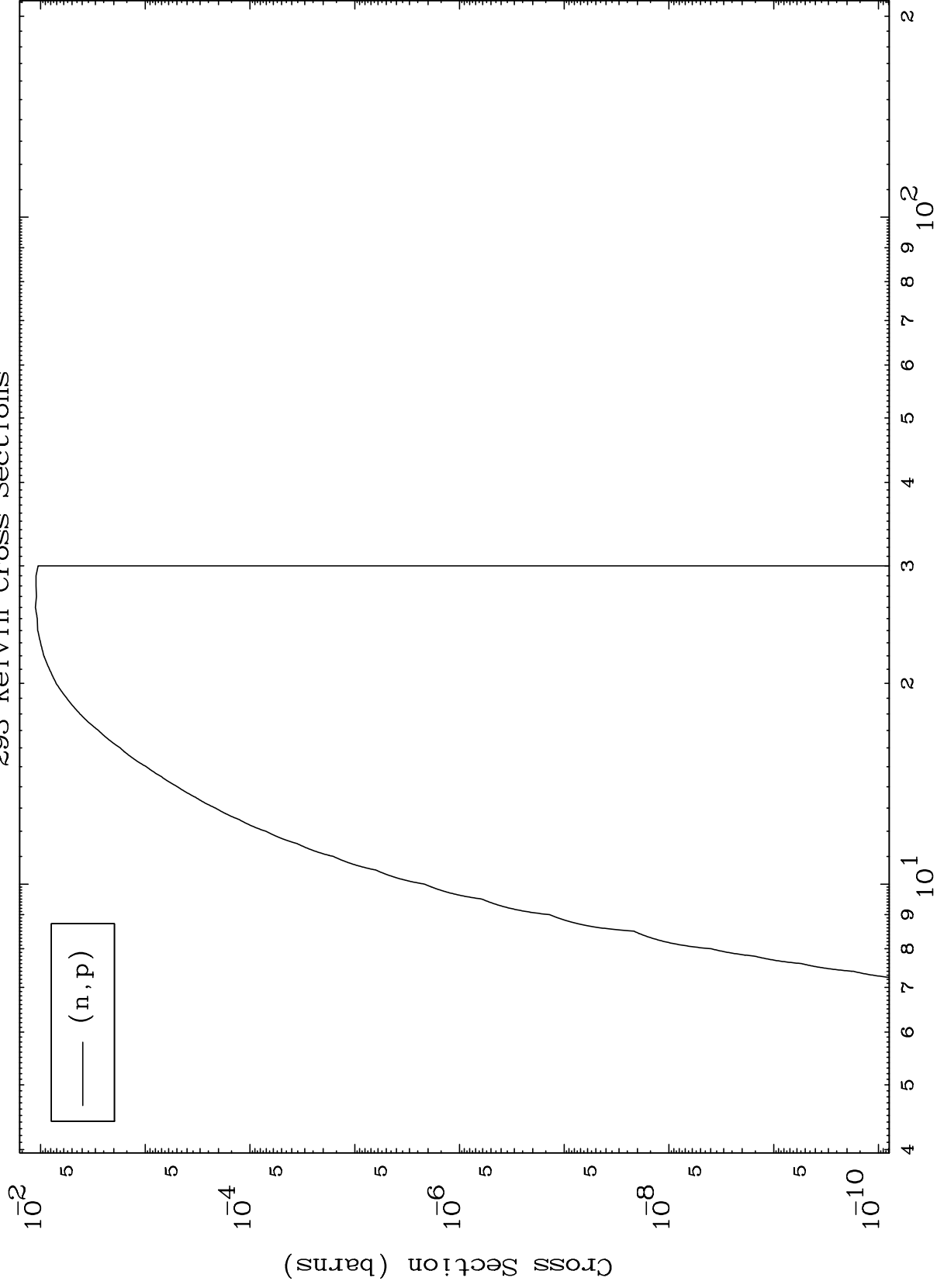




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(n,p) Levels  
293 Kelvin Cross Sections

70-Yb-179



8

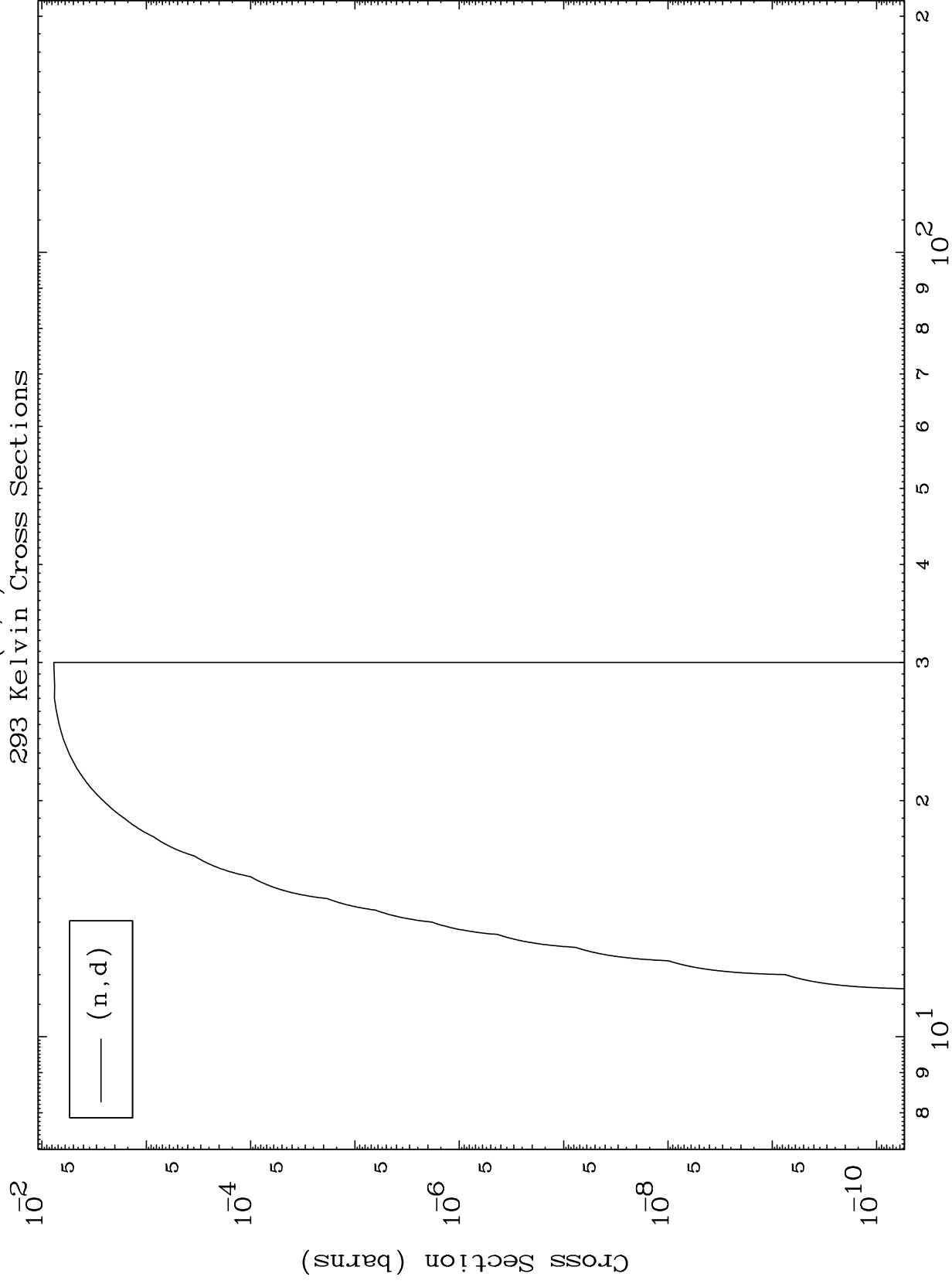
Incident Energy (MeV)

70-Yb-179

MAT 7058

(n,d) Levels  
293 Kelvin Cross Sections

70-Yb-179



9

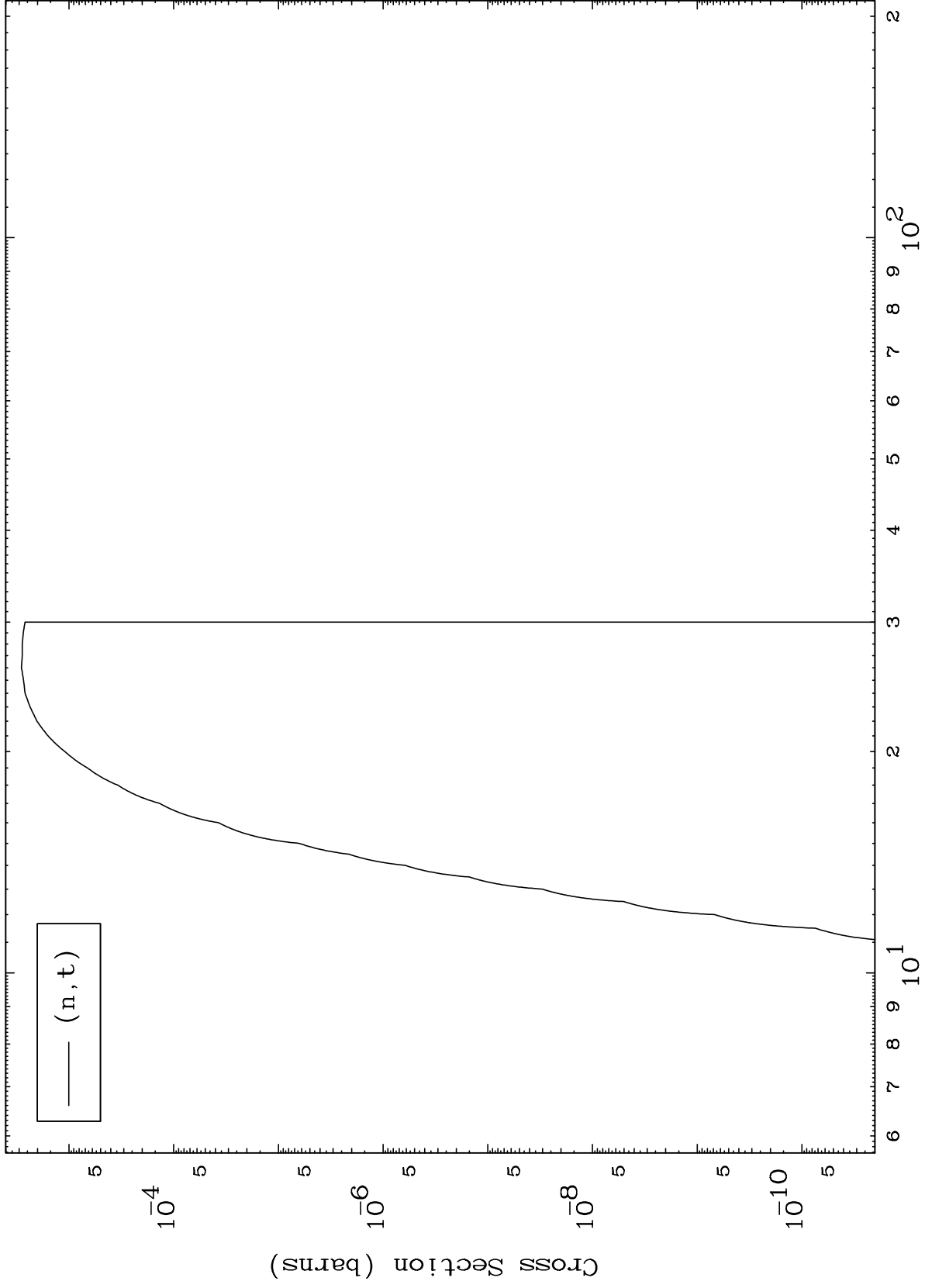
Incident Energy (MeV)

70-Yb-179

MAT 7058

(n, t) Levels  
293 Kelvin Cross Sections

70-Yb-179



10

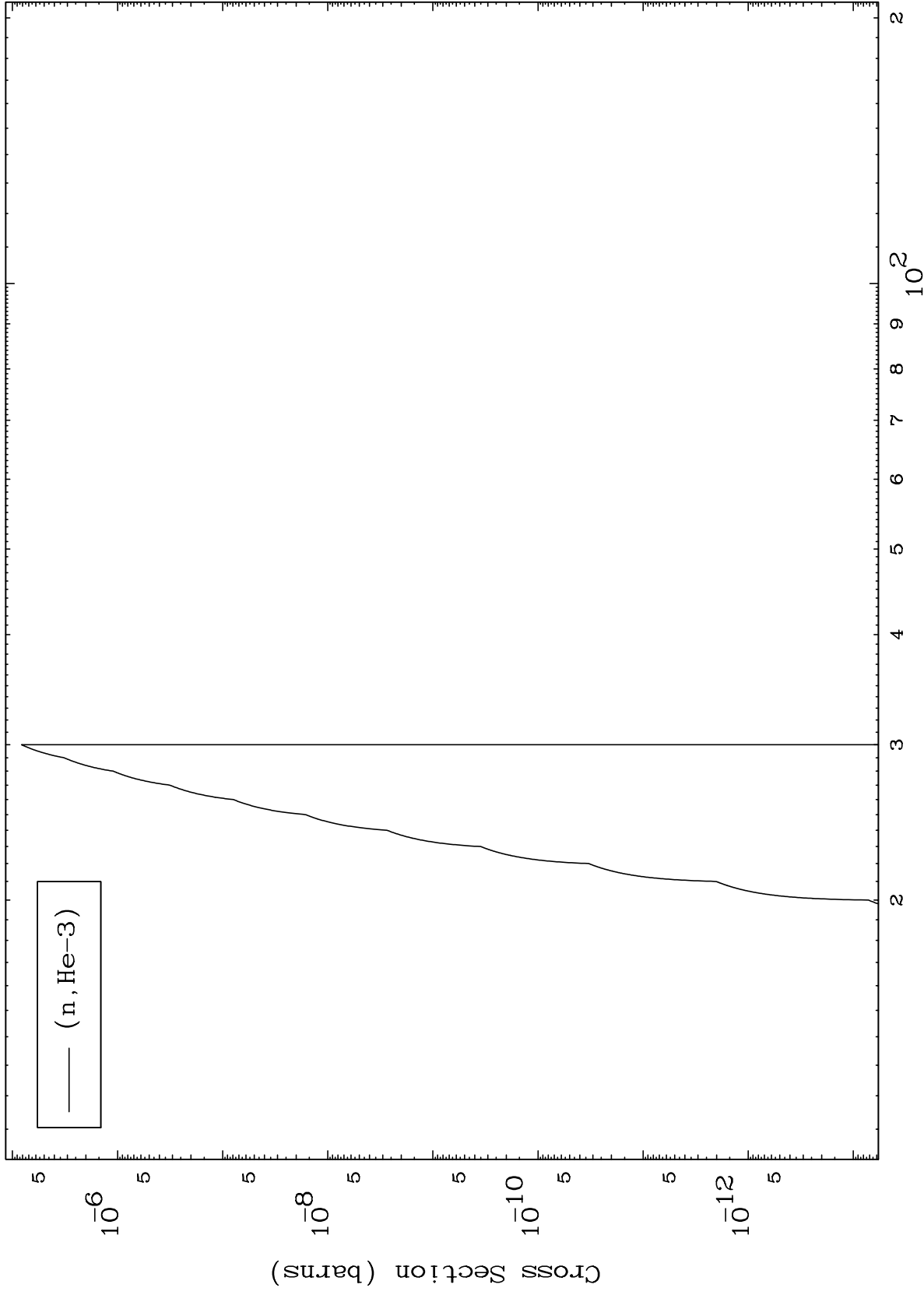
Incident Energy (MeV)

70-Yb-179

MAT 7058

(n,He3) Levels  
293 Kelvin Cross Sections

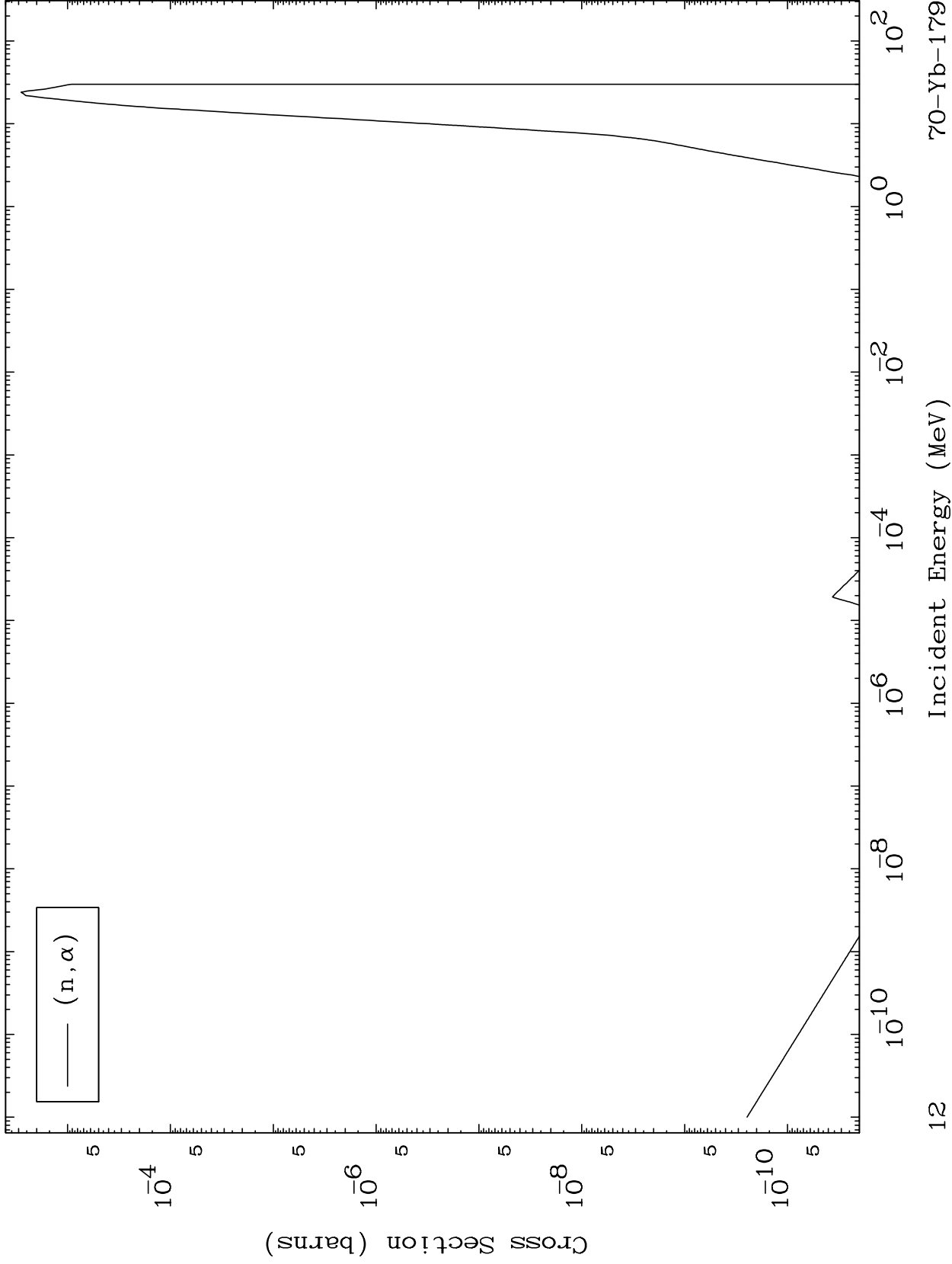
70-Yb-179

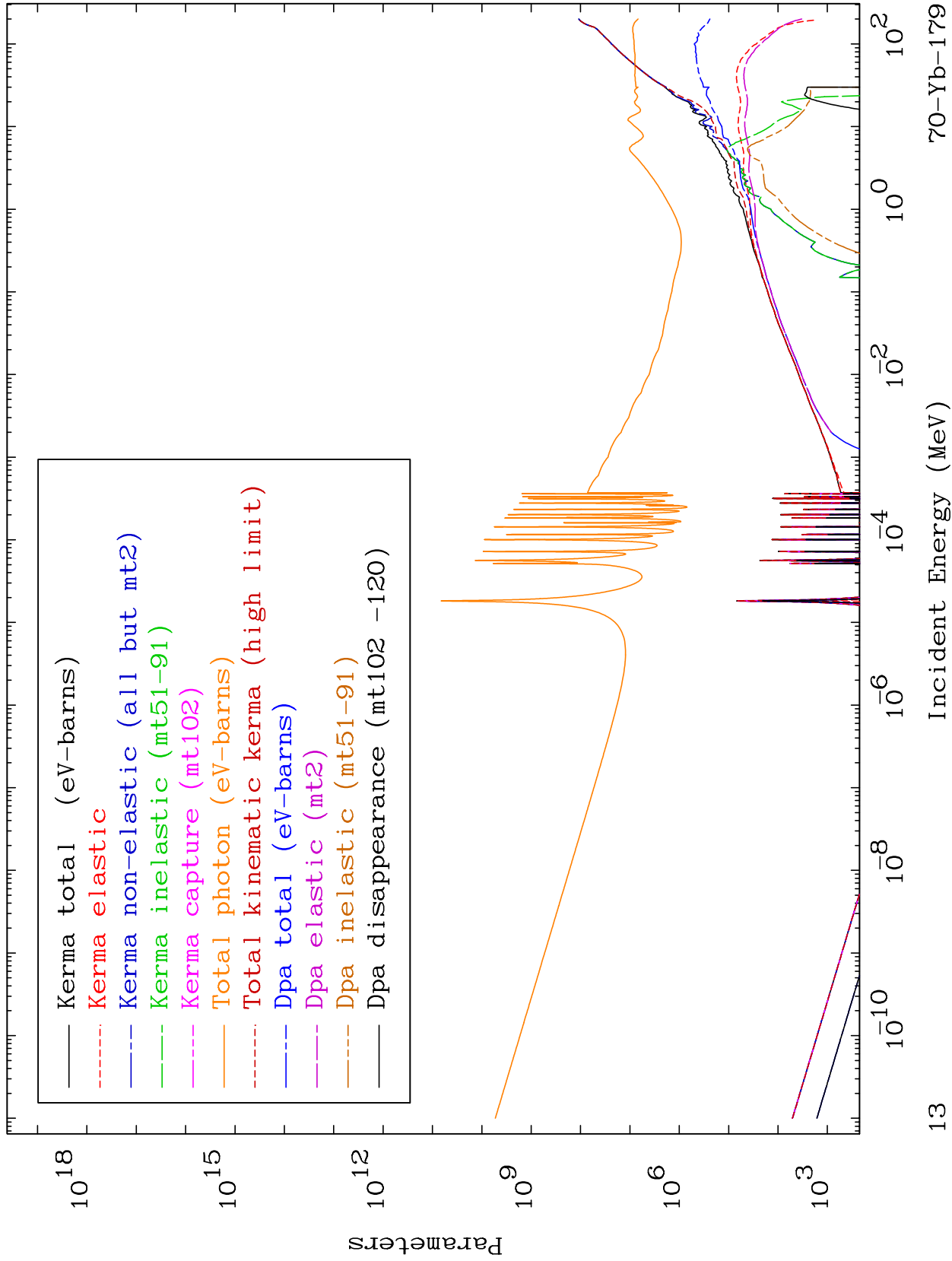


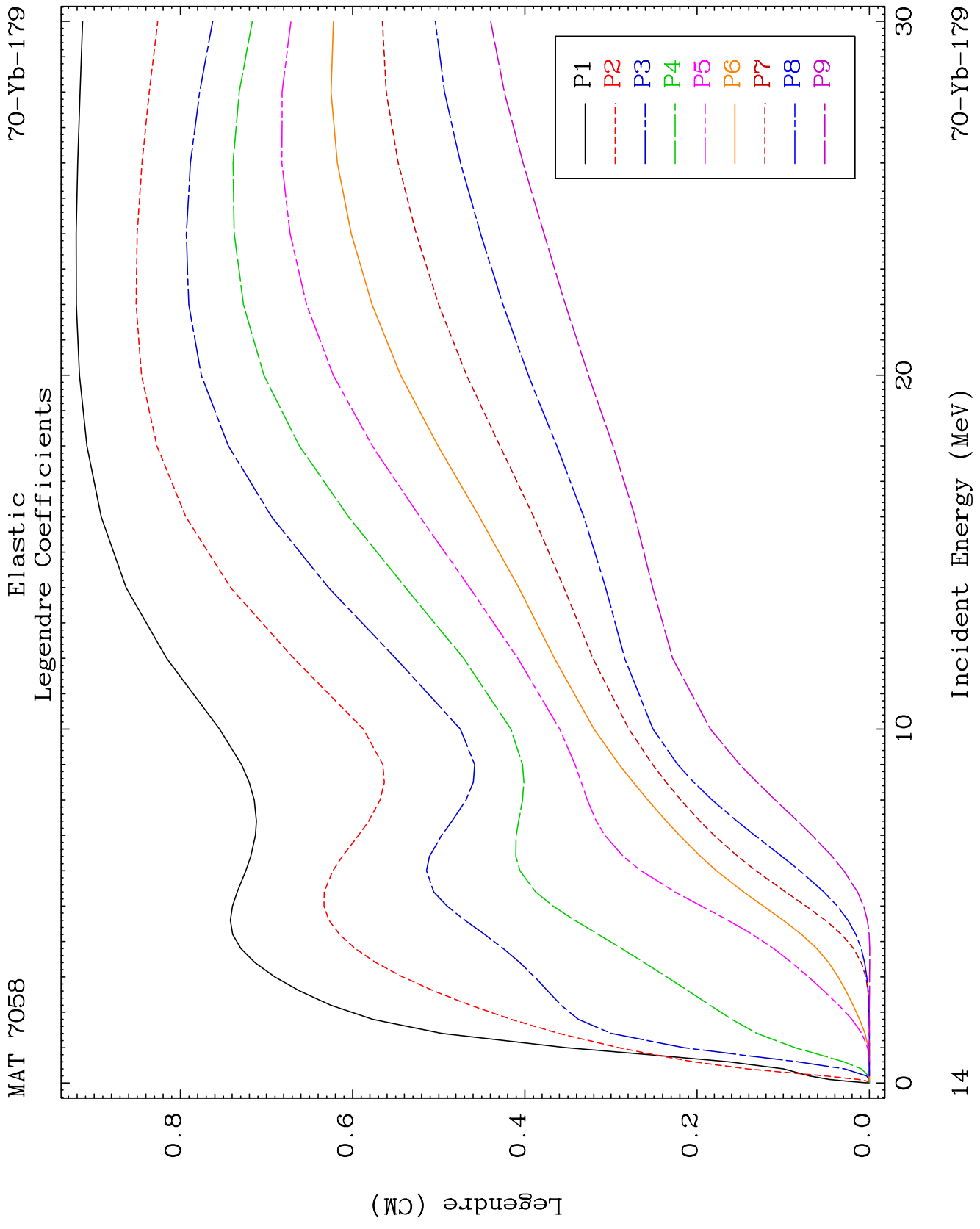
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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

70-Yb-179



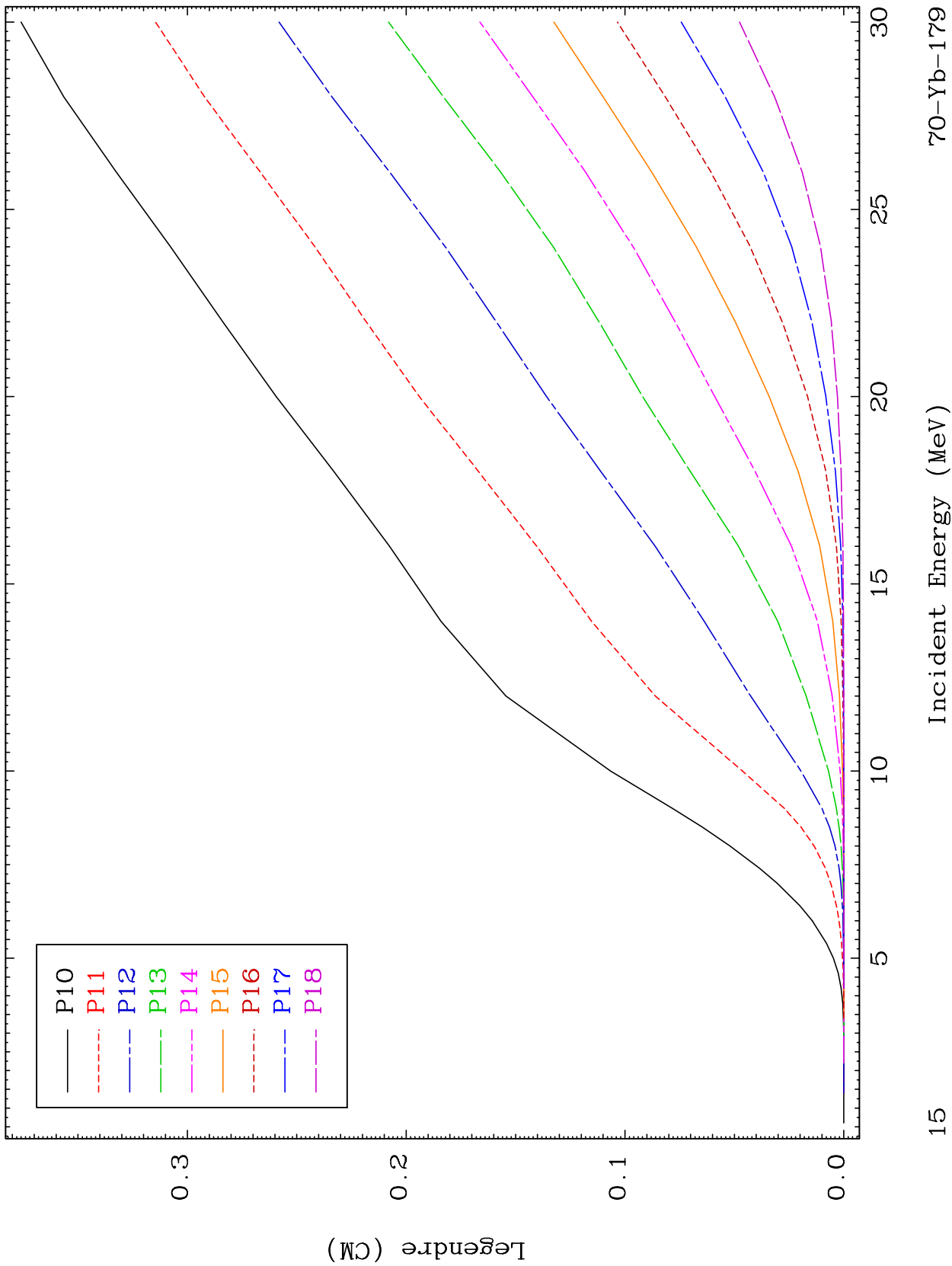




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Elastic Legendre Coefficients

70-Yb-179



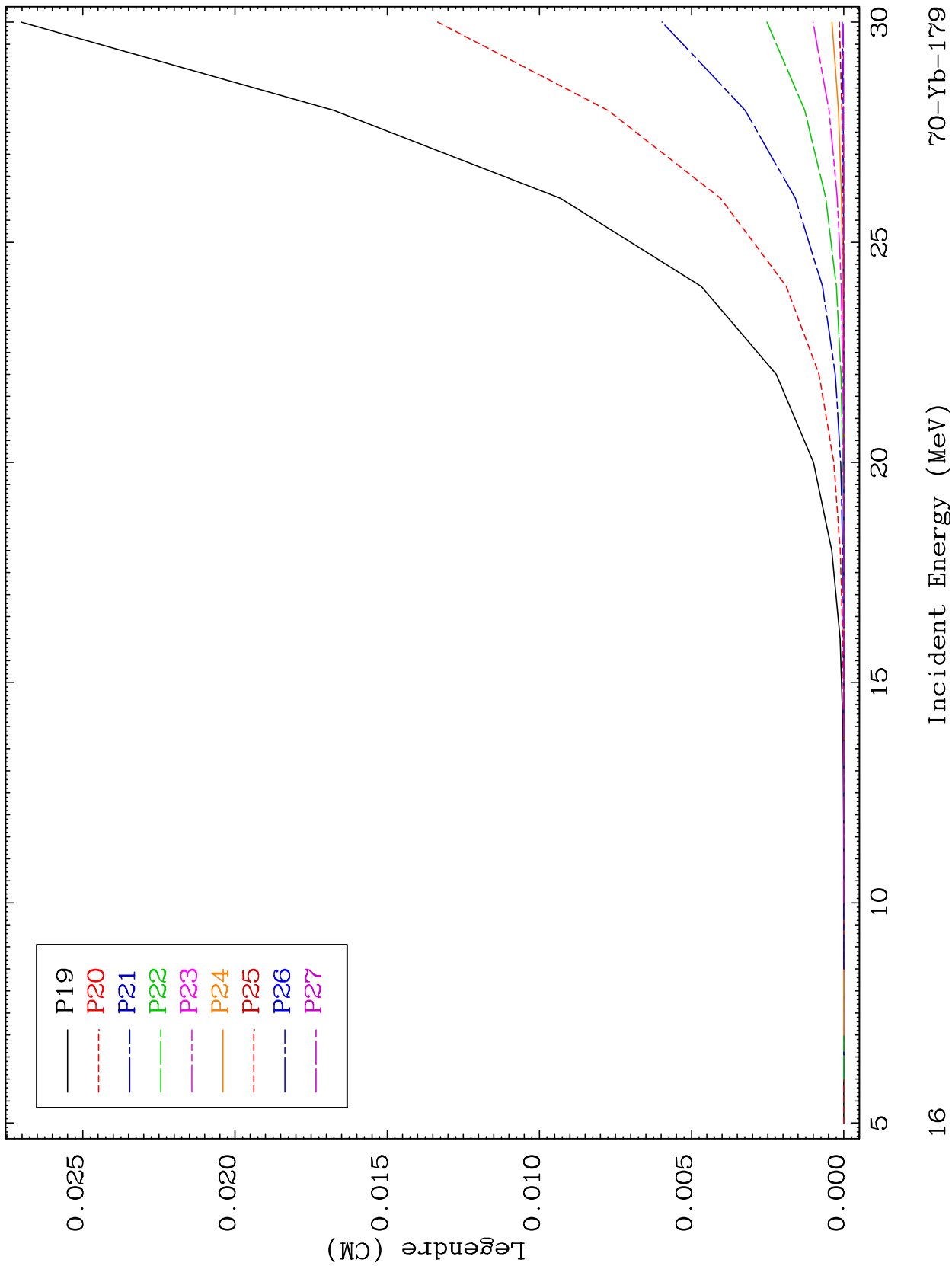
15



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Elastic Legendre Coefficients

70-Yb-179



16

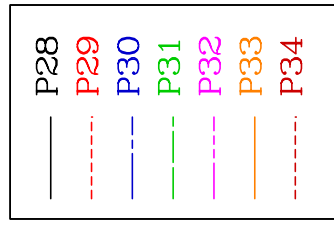
Incident Energy (MeV)

70-Yb-179

MAT 7058

Elastic Legendre Coefficients

70-Yb-179



$\times 10^{-66}$

Legendre (CM)

4

2

0

15

20

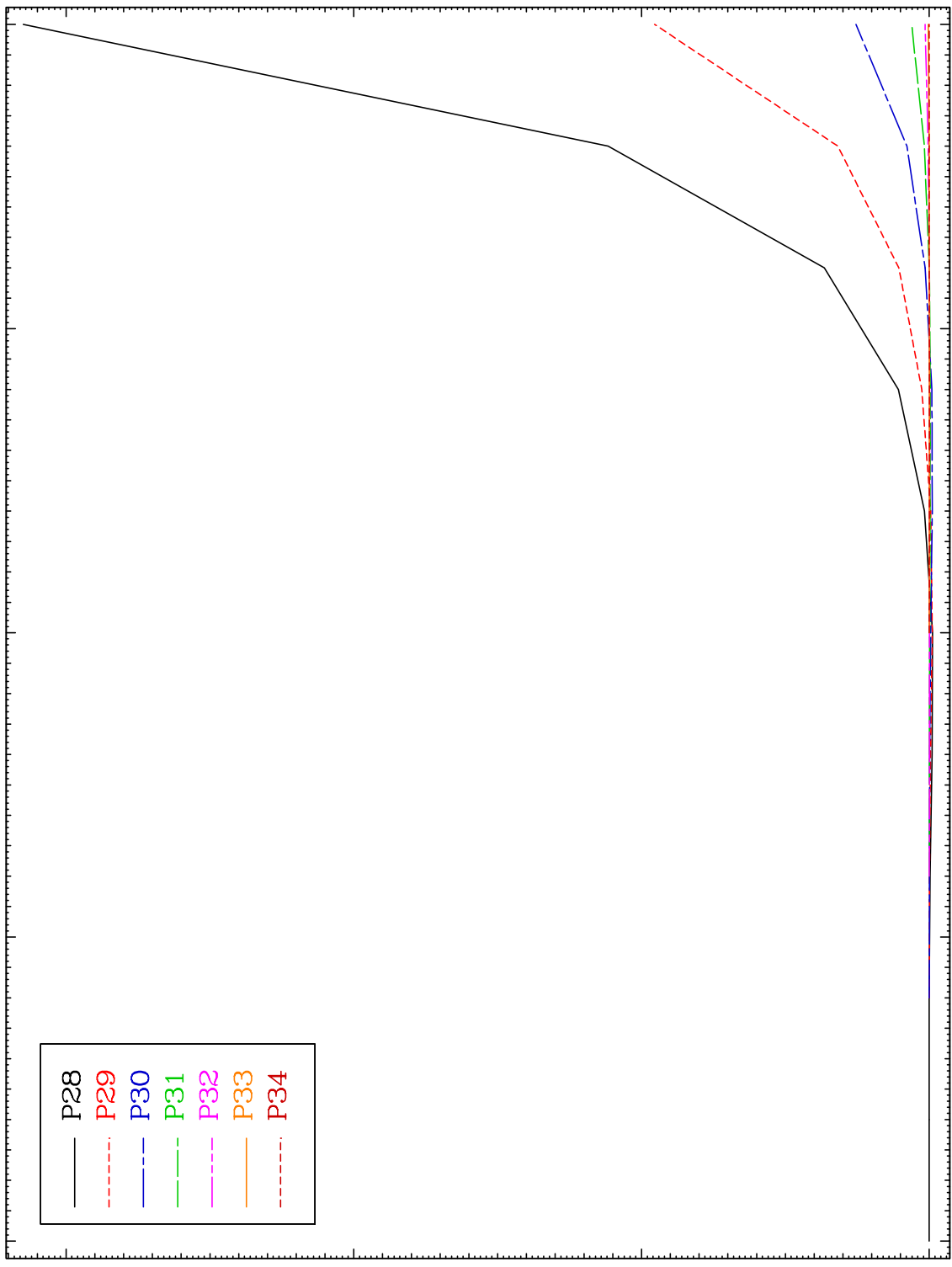
25

30

17

Incident Energy (MeV)

70-Yb-179

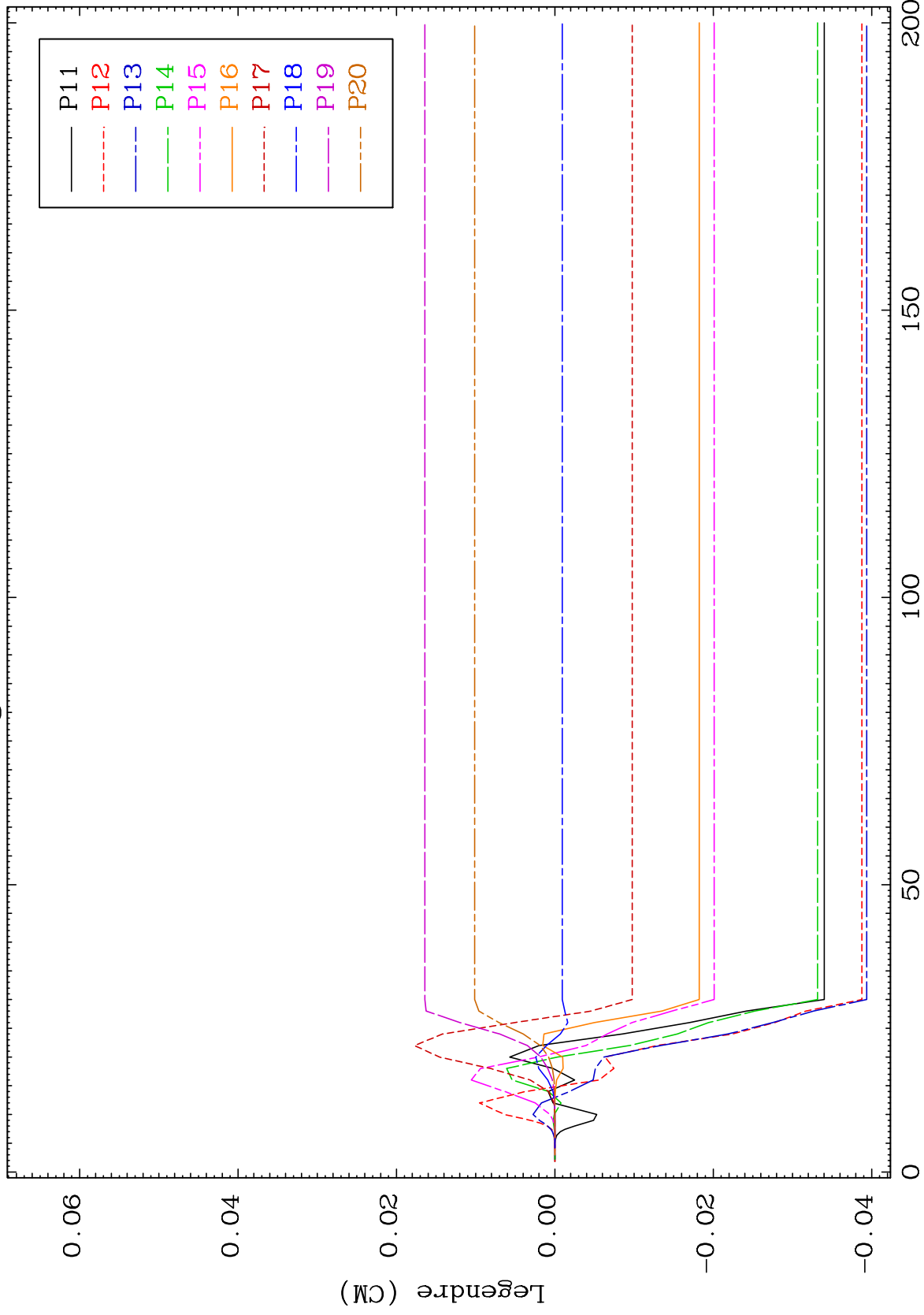




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145.3 keV (n,n') Level  
Legendre Coefficients

70-Yb-179



19

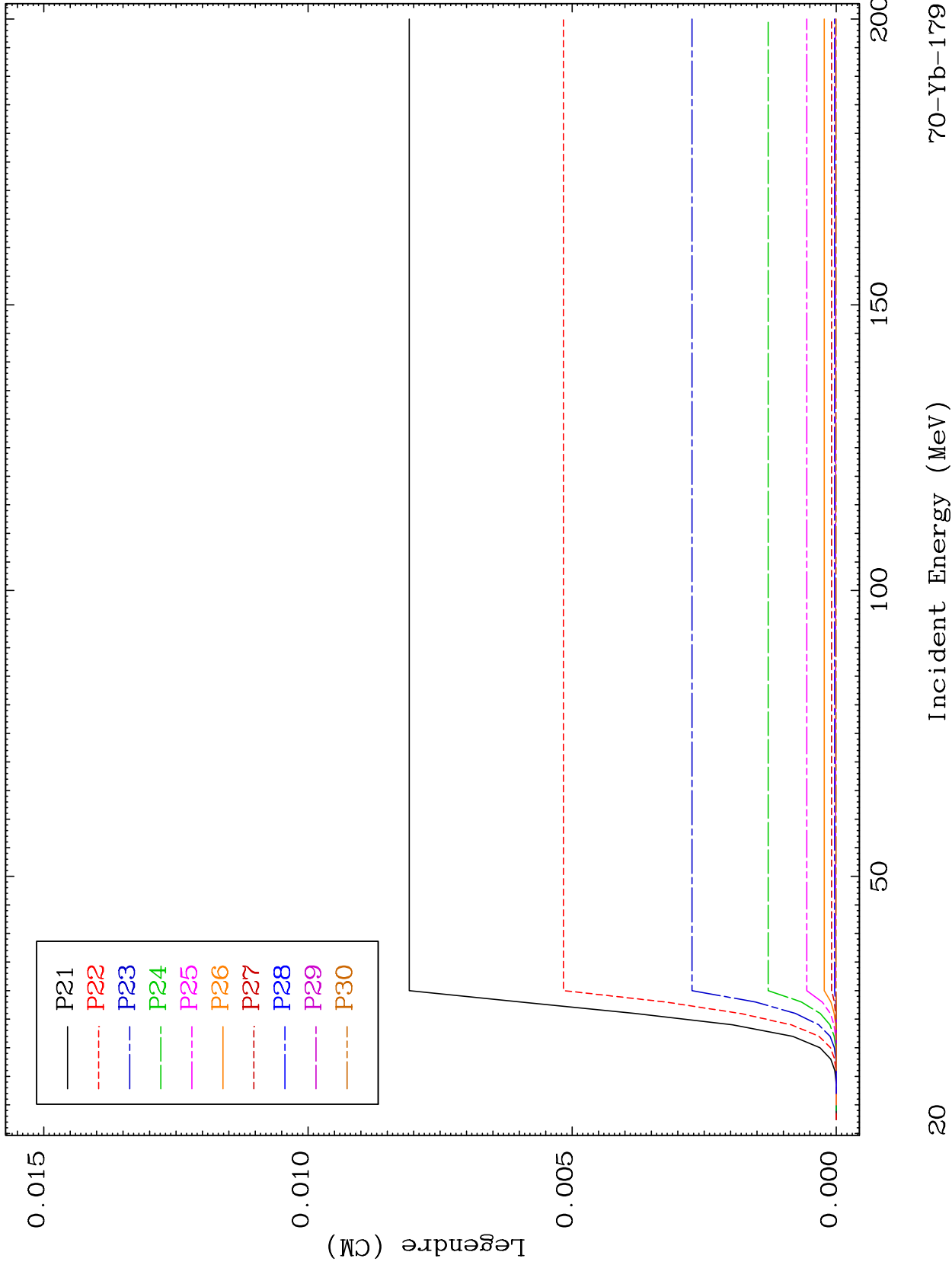
Incident Energy (MeV)

70-Yb-179

MAT 7058

145.3 keV (n,n') Level  
Legendre Coefficients

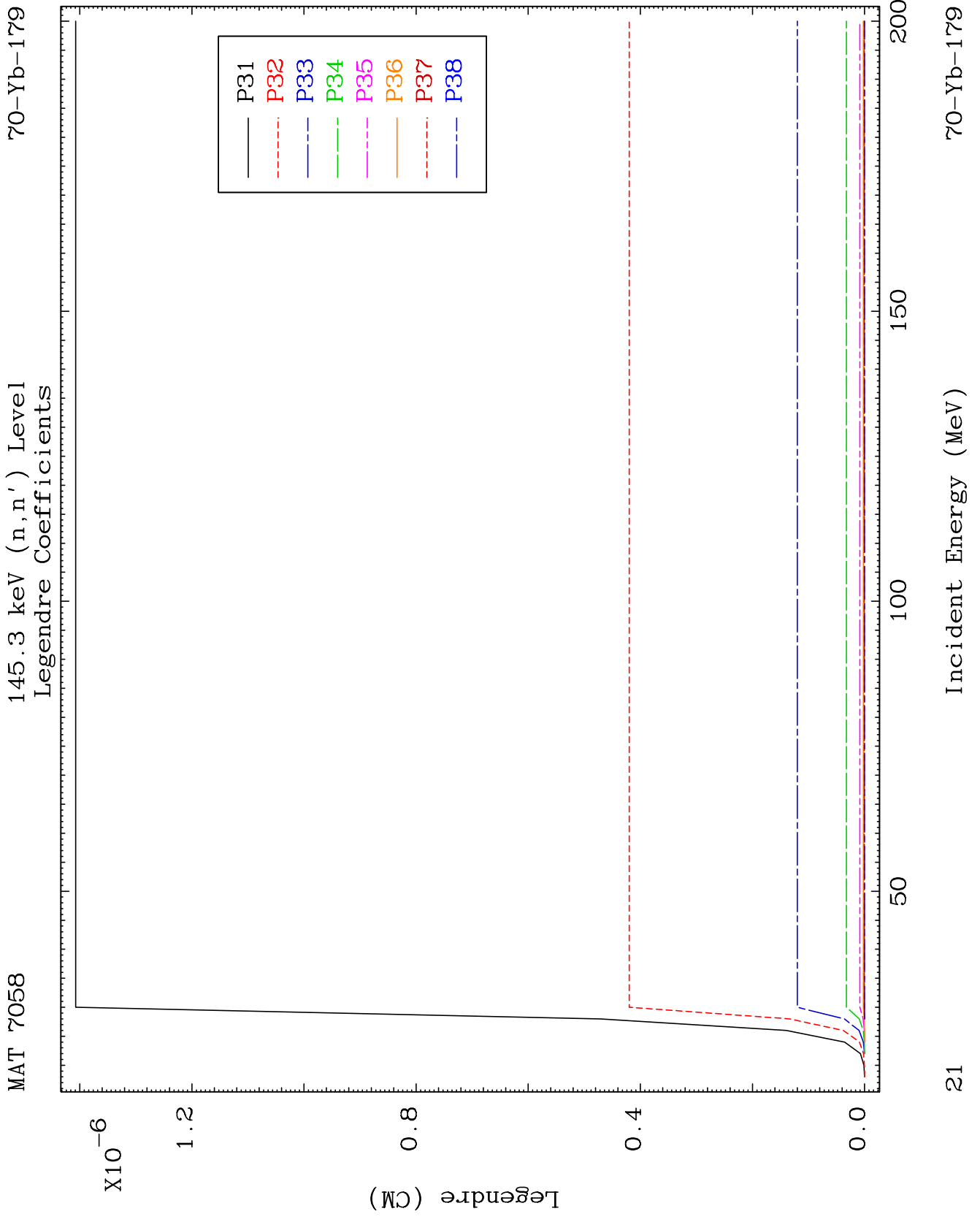
70-Yb-179



20

Incident Energy (MeV)

70-Yb-179

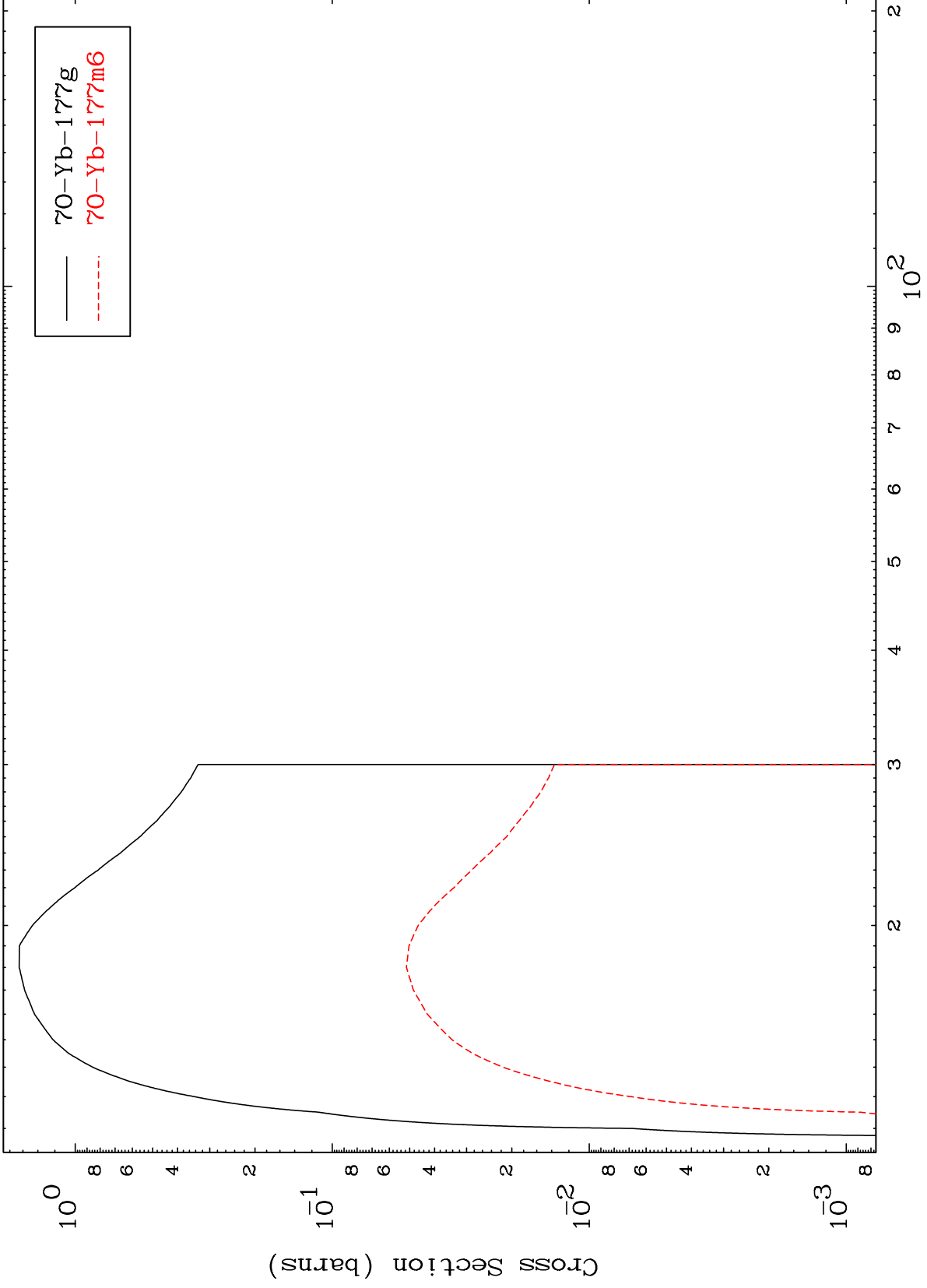


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(n,3n)

70-Yb-179

Radionuclide Production Cross Section



22

Incident Energy (MeV)

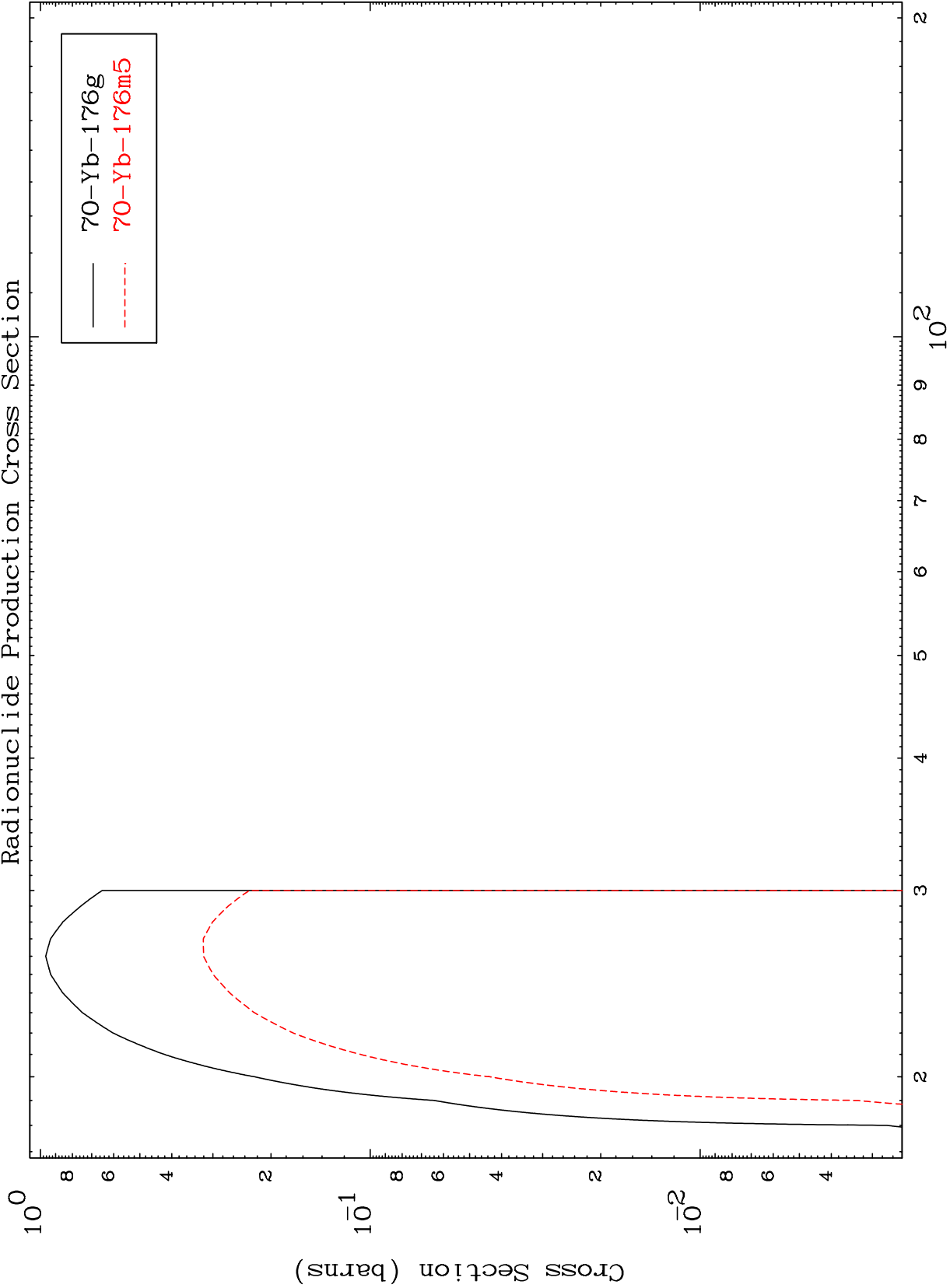
70-Yb-179

MAT 7058

(n,4n)

70-Yb-179

Radionuclide Production Cross Section



23

Incident Energy (MeV)

70-Yb-179