

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

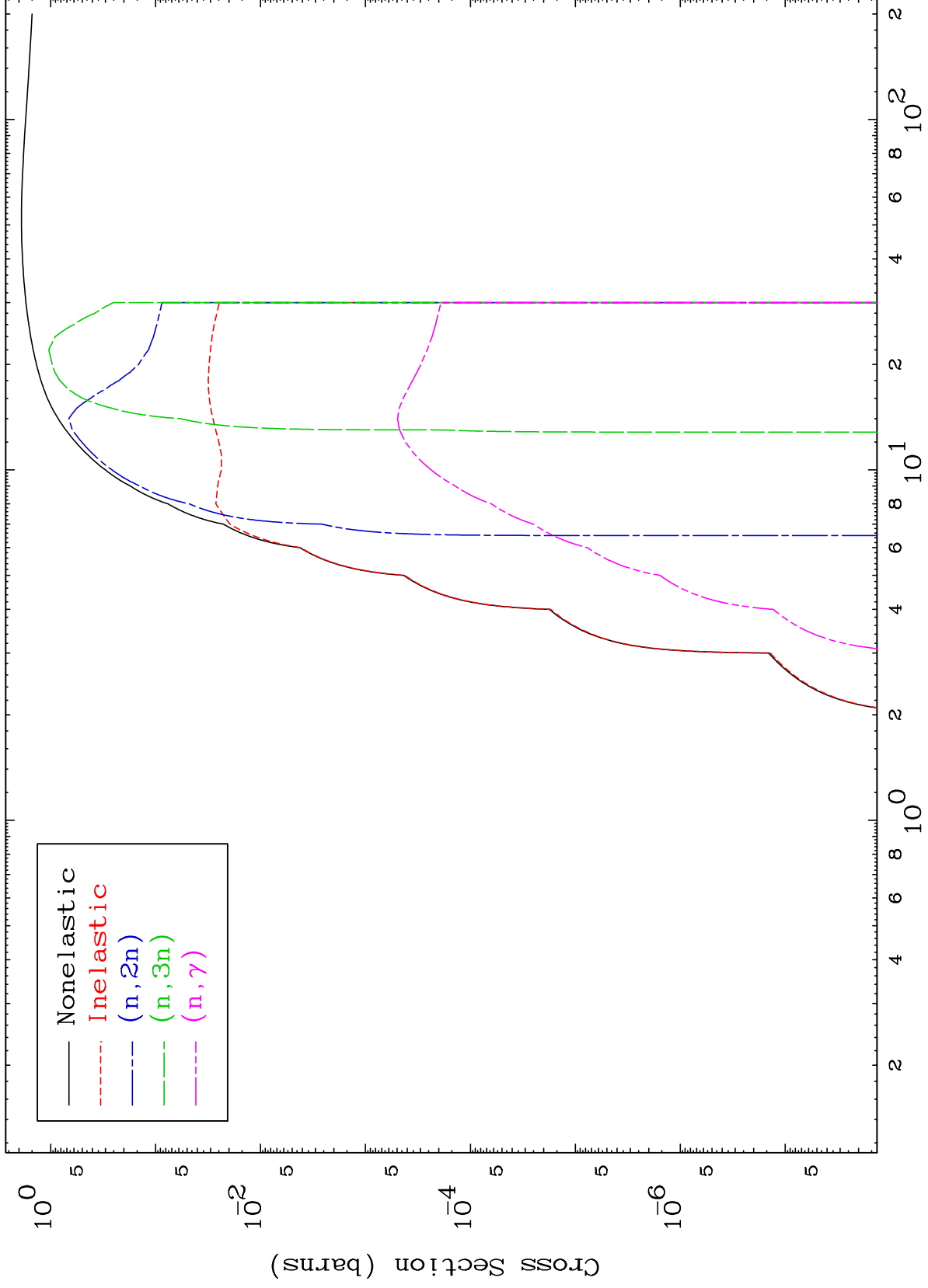
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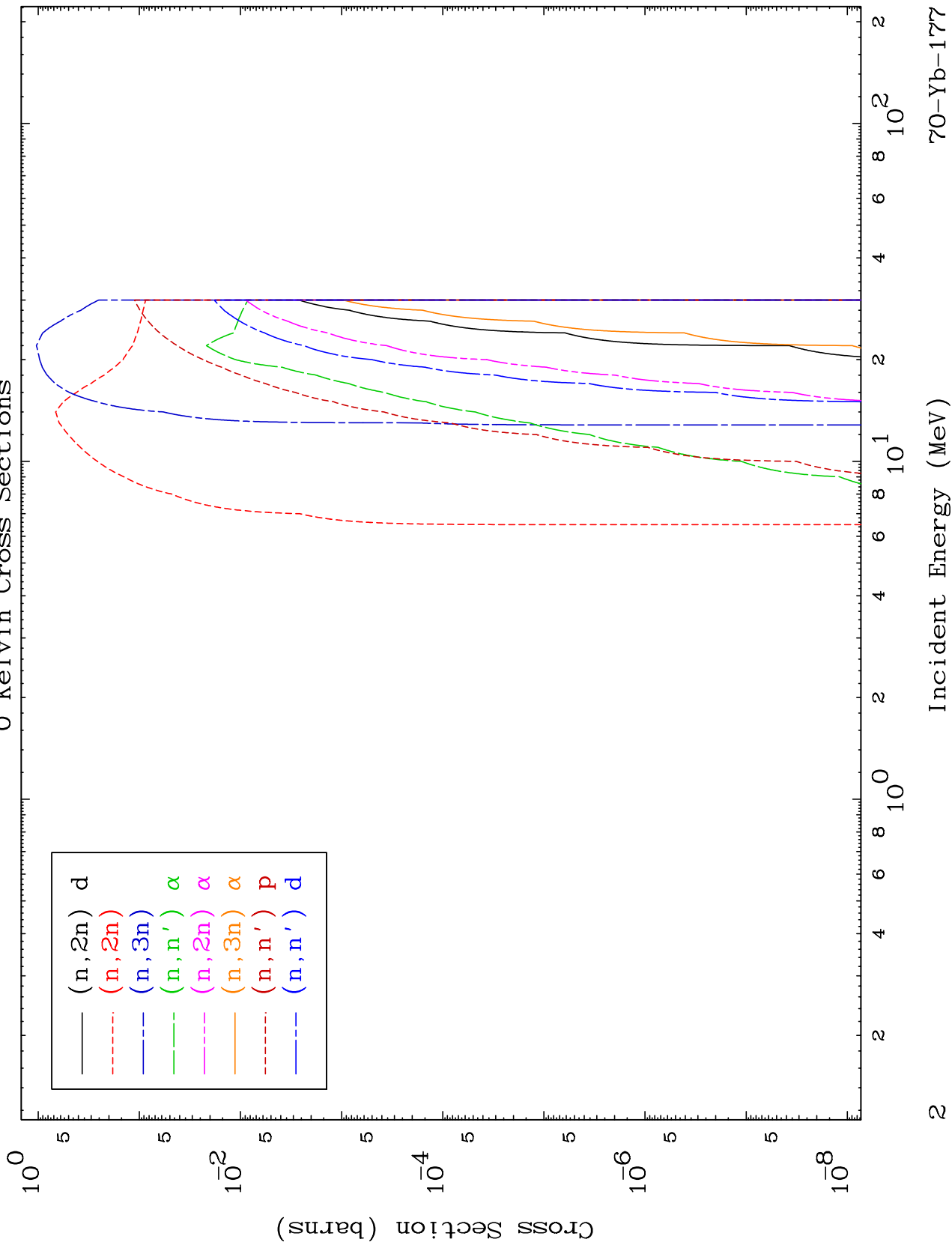
Press Mouse Button to Start



MAT 7052

Proton Neutron Absorption  
0 Kelvin Cross Sections

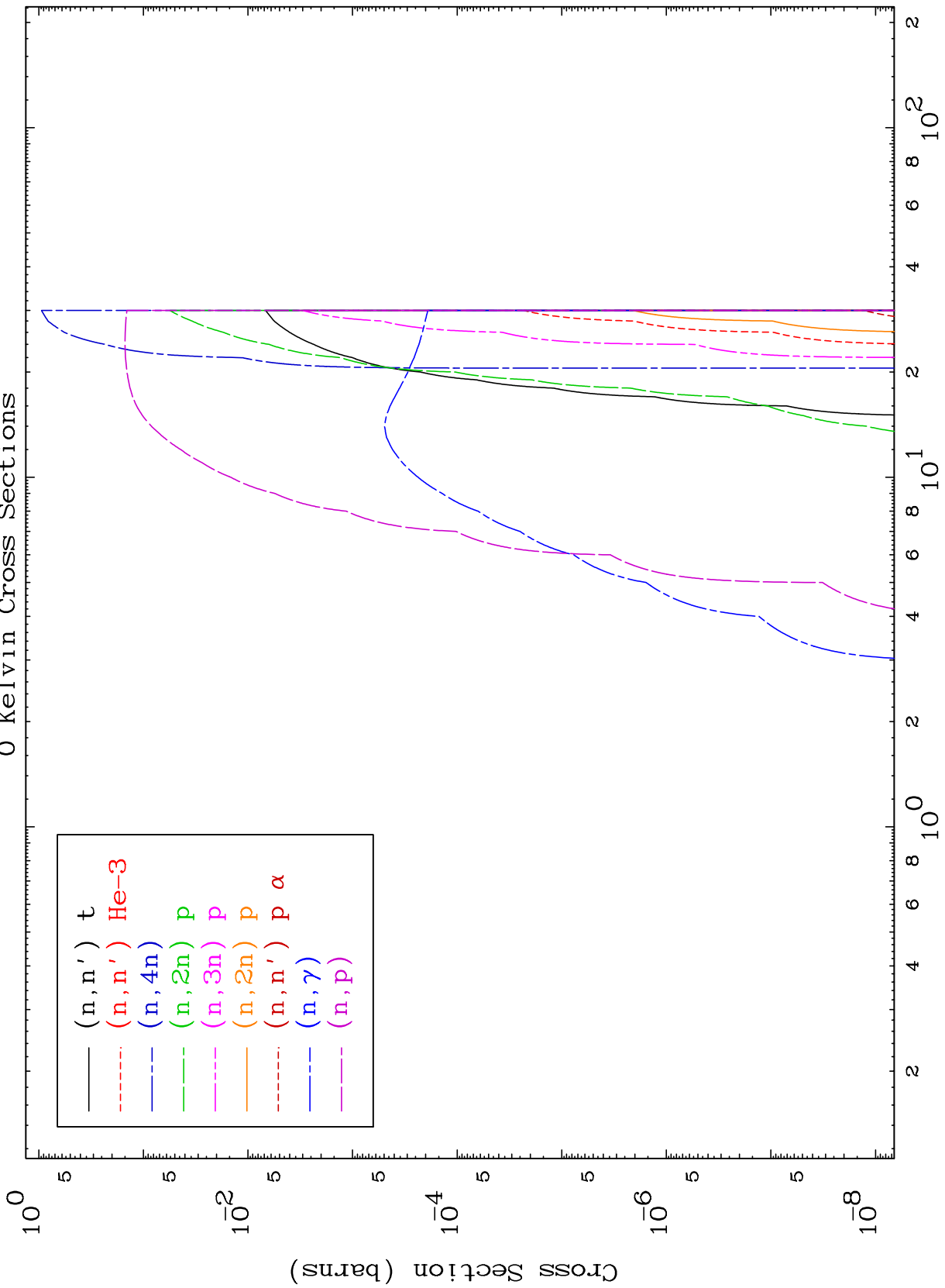
70-Yb-177



MAT 7052

Proton Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-177



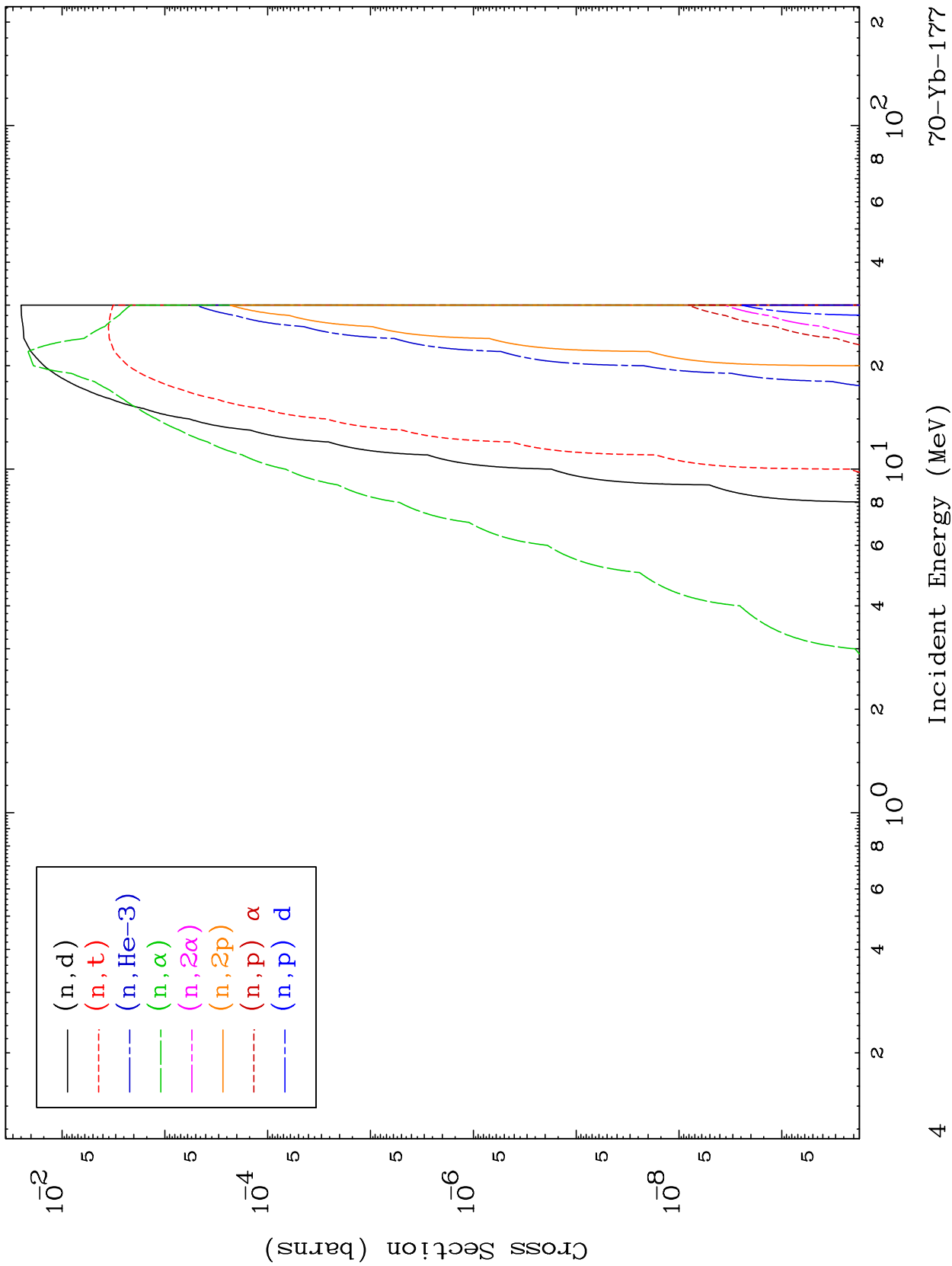
70-Yb-177

Incident Energy (MeV)

MAT 7052

Proton Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-177

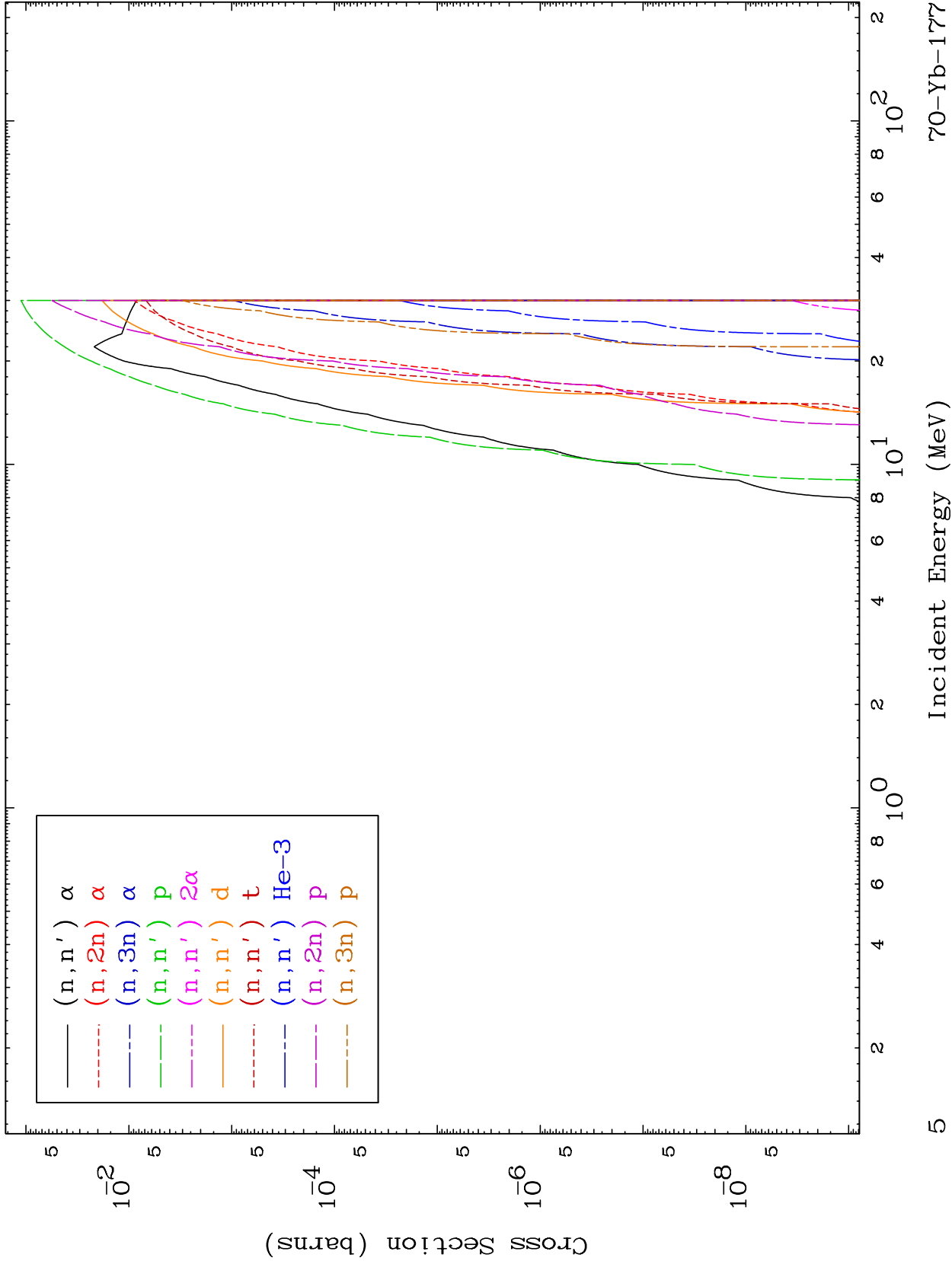


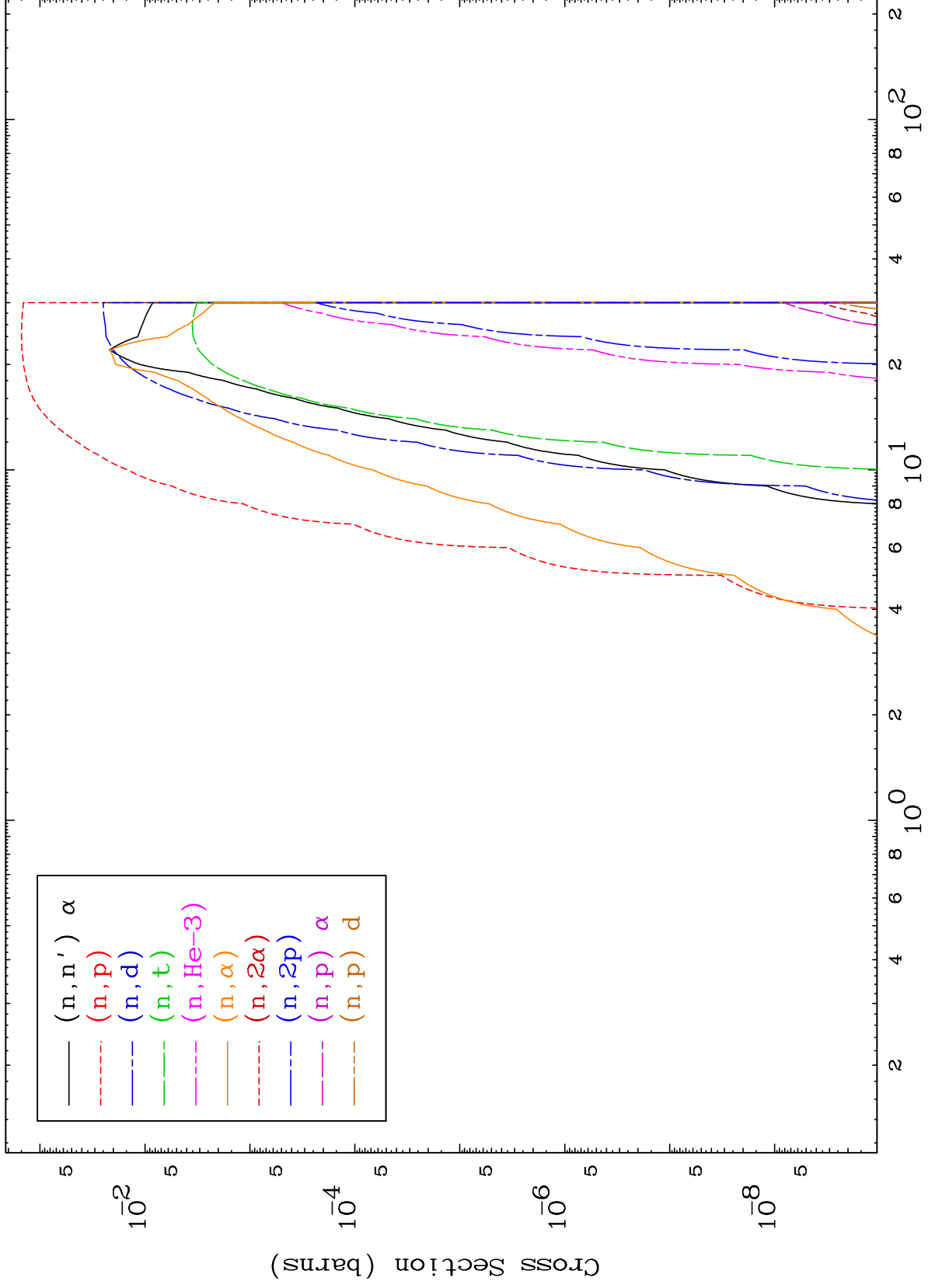
70-Yb-177

MAT 7052

Proton Charged Particle  
0 Kelvin Cross Sections

70-Yb-177



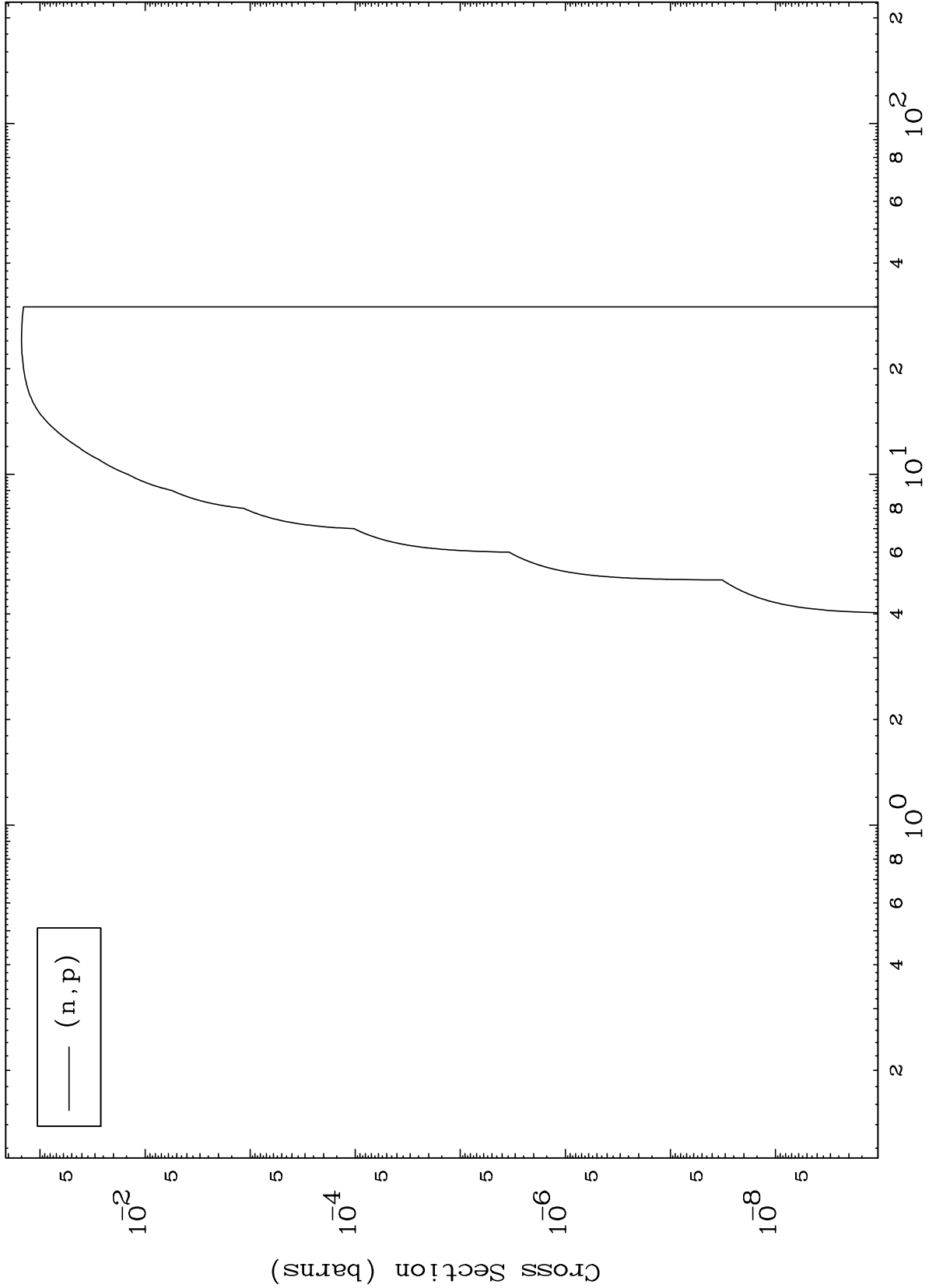


MAT 7052

(p,p) Levels

70-Yb-177

0 Kelvin Cross Sections

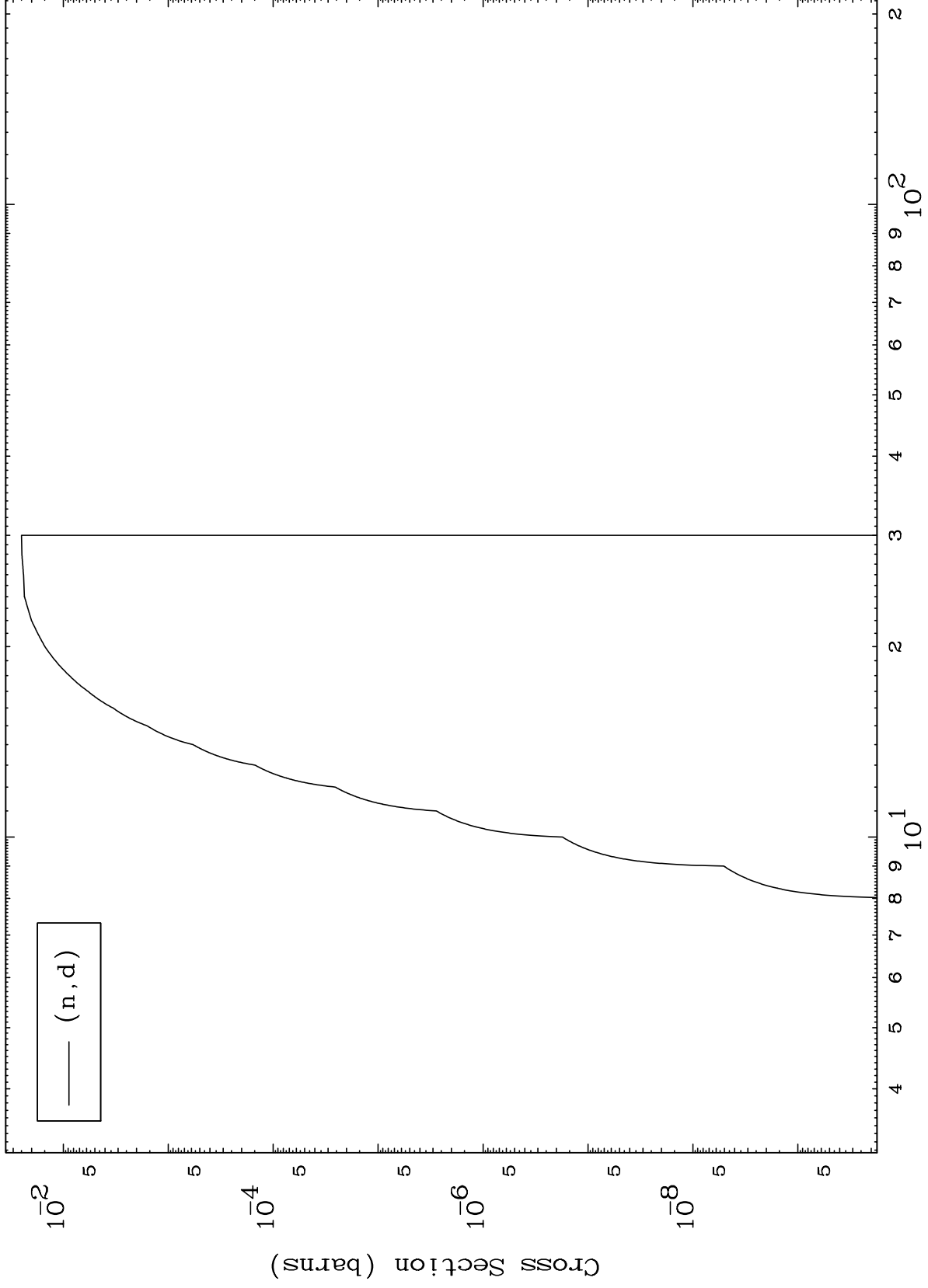




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(p,d) Levels  
0 Kelvin Cross Sections

70-Yb-177

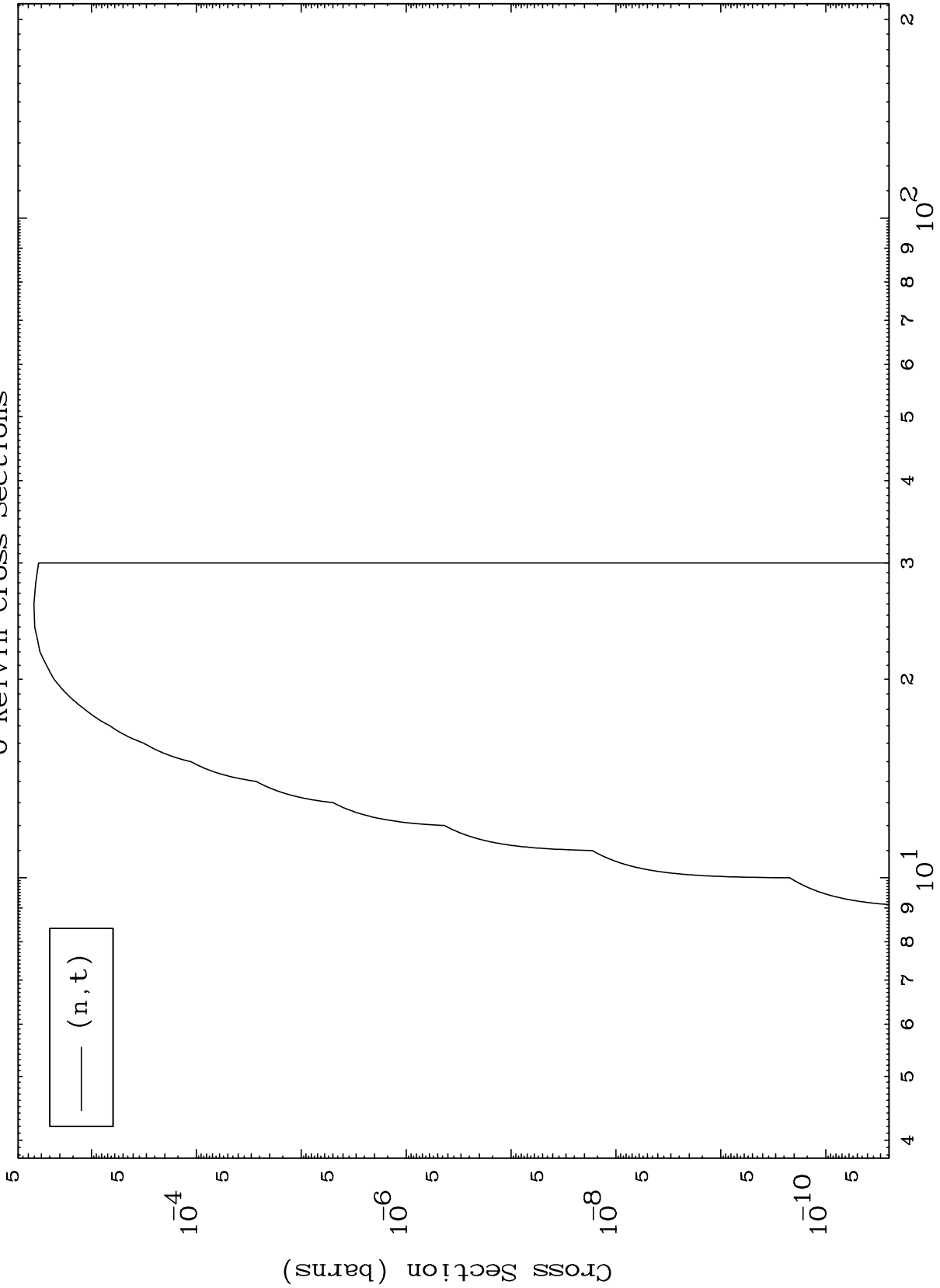


MAT 7052

(p, t) Levels

70-Yb-177

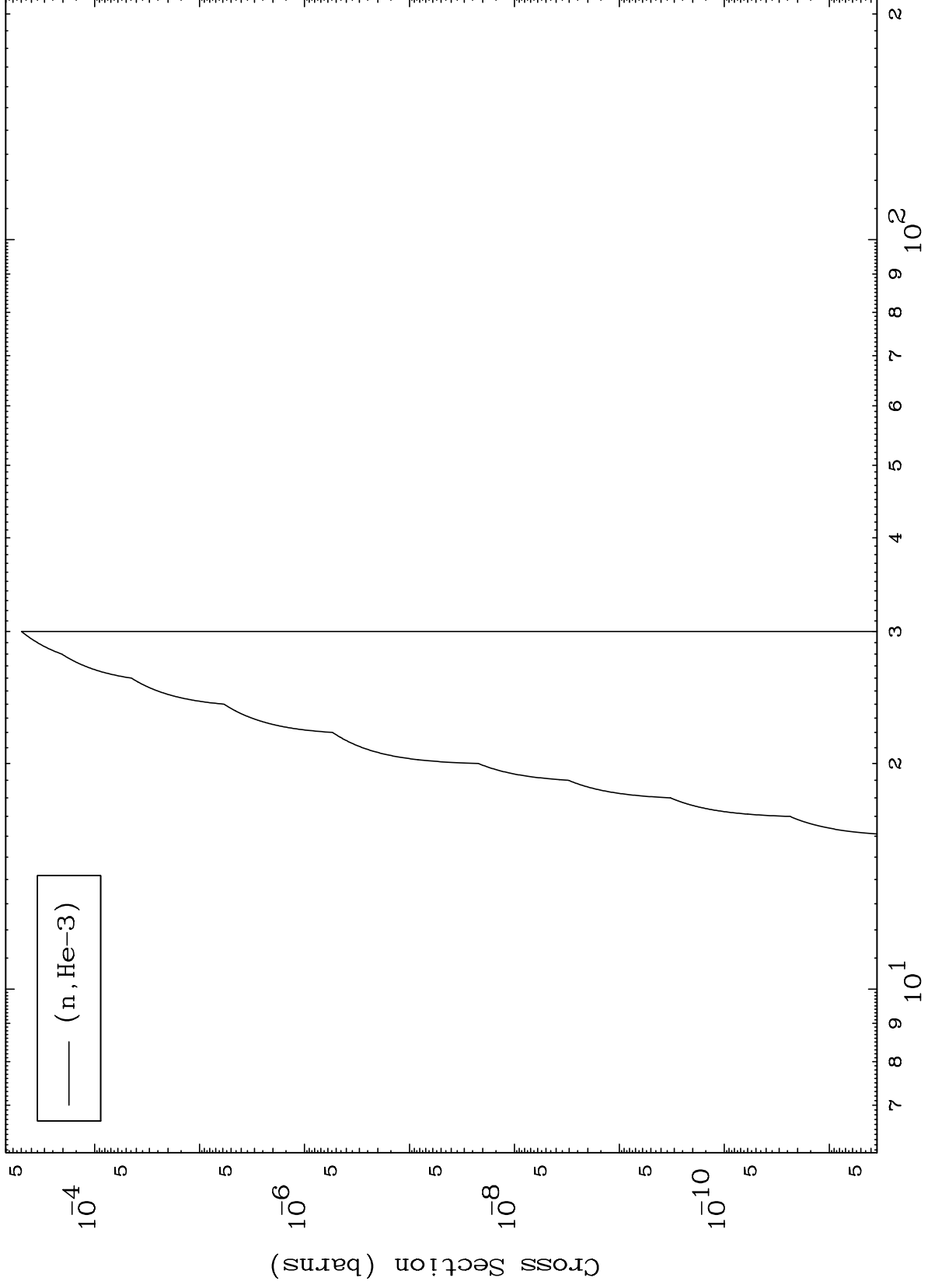
0 Kelvin Cross Sections



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(p,He3) Levels  
0 Kelvin Cross Sections

70-Yb-177



10

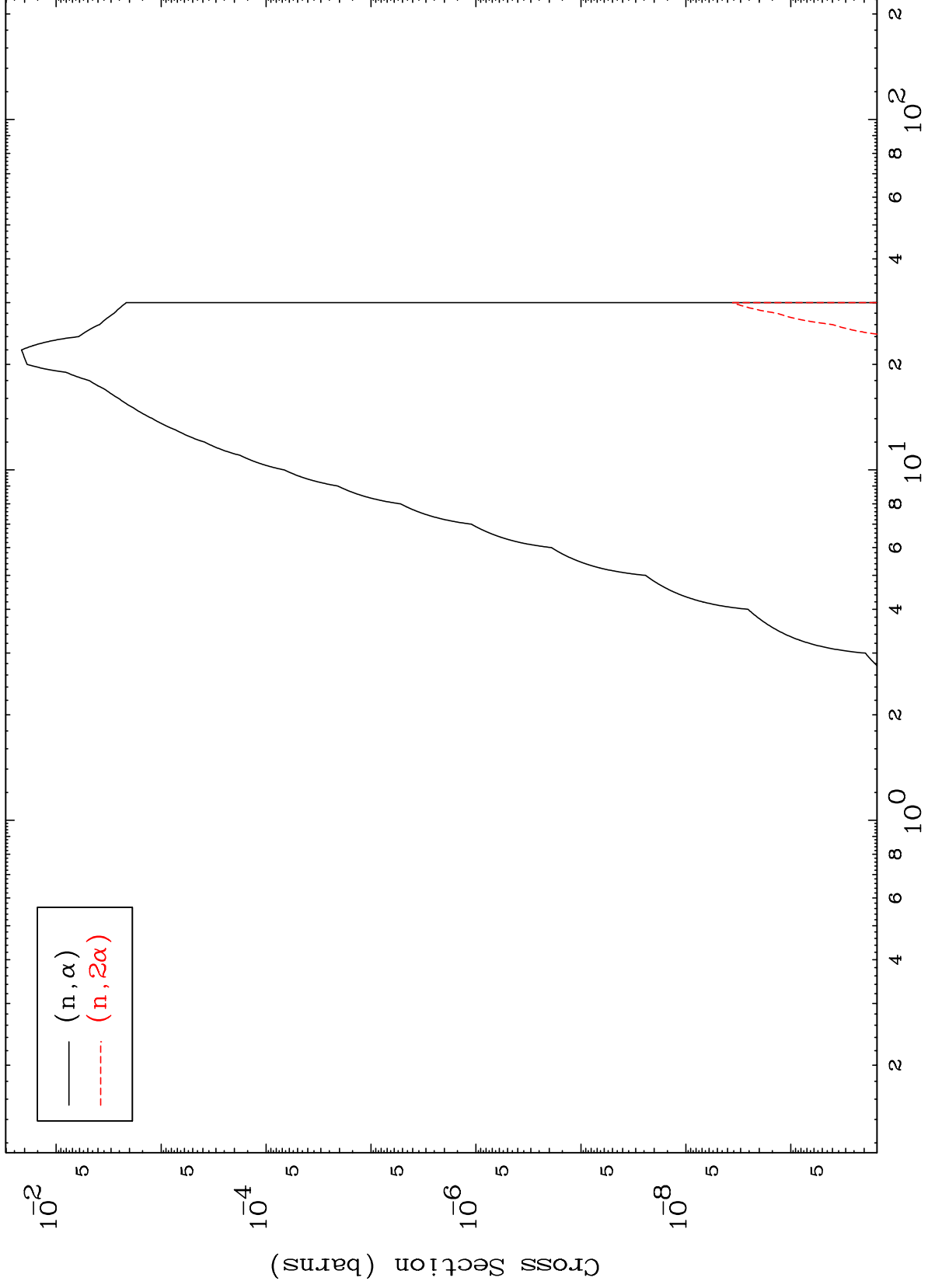
Incident Energy (MeV)

70-Yb-177

MAT 7052

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

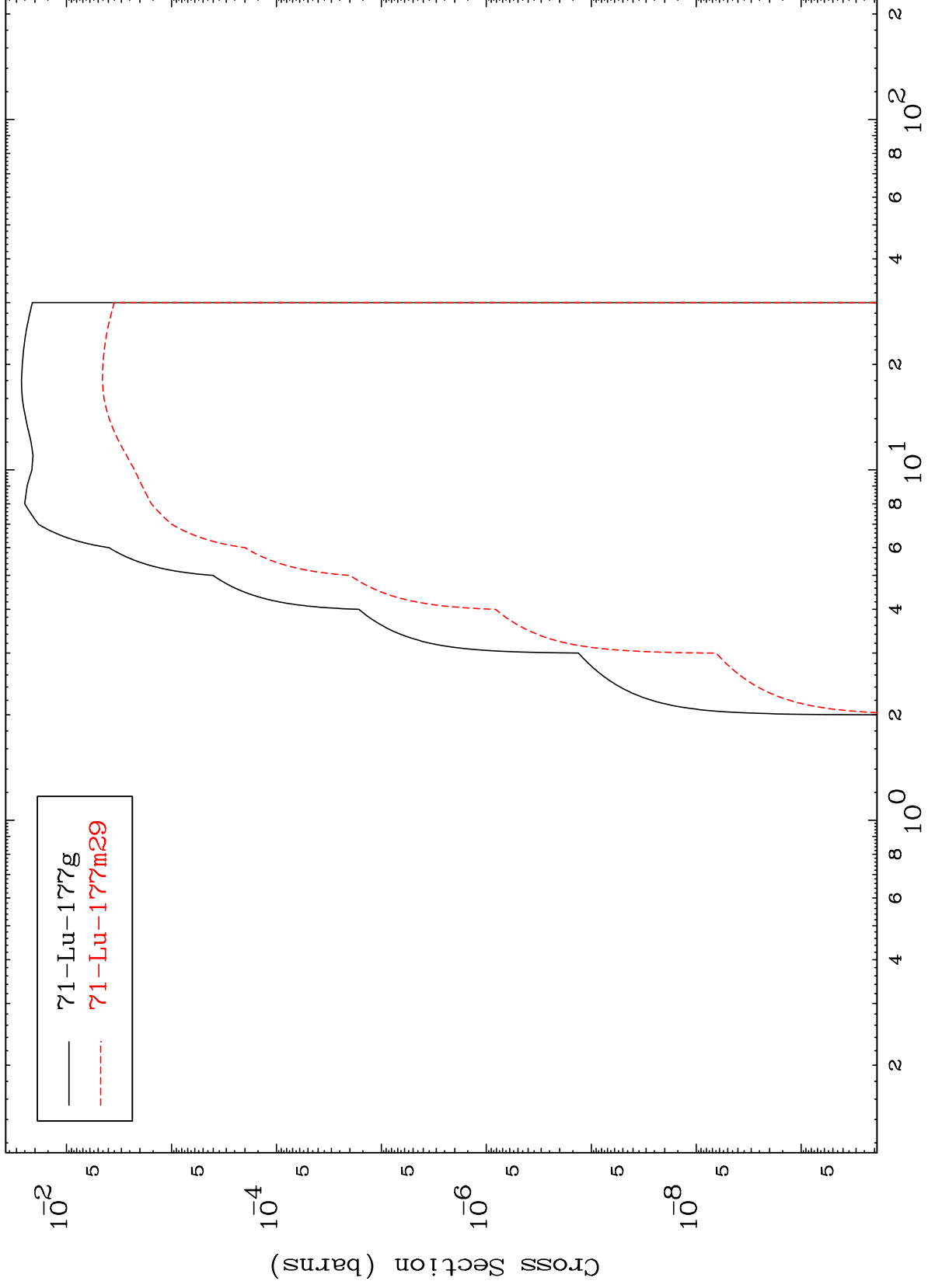
70-Yb-177



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Inelastic  
Radionuclide Production Cross Section

70-Yb-177



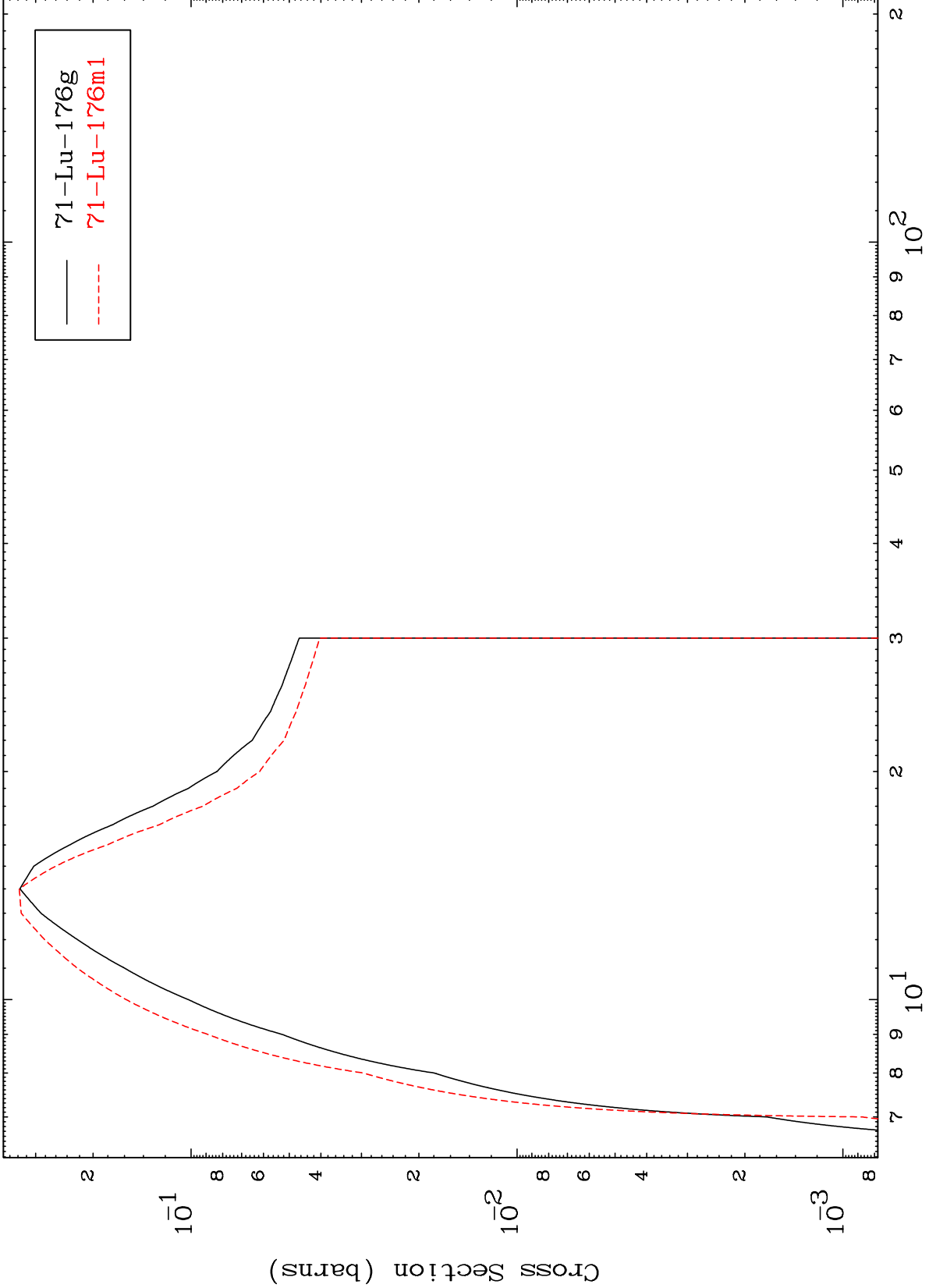
70-Yb-177

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(n,2n)

70-Yb-177

Radionuclide Production Cross Section



71-Lu-176g  
71-Lu-176m1

13

Incident Energy (MeV)

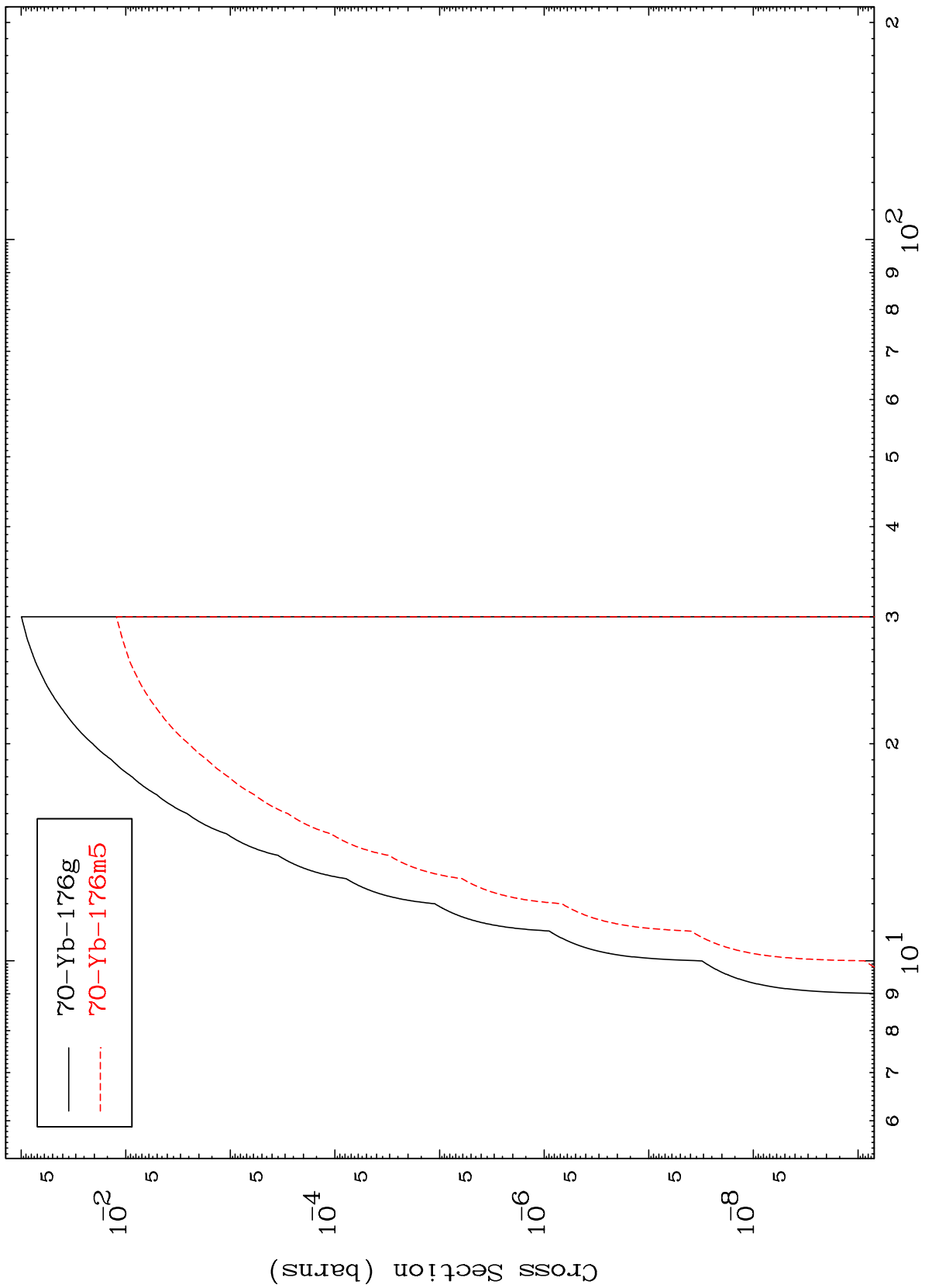
70-Yb-177

MAT 7052

(n,n') p

<sup>70</sup>Yb-177

Radionuclide Production Cross Section



— <sup>70</sup>Yb-176g  
- - - <sup>70</sup>Yb-176m5

14

Incident Energy (MeV)

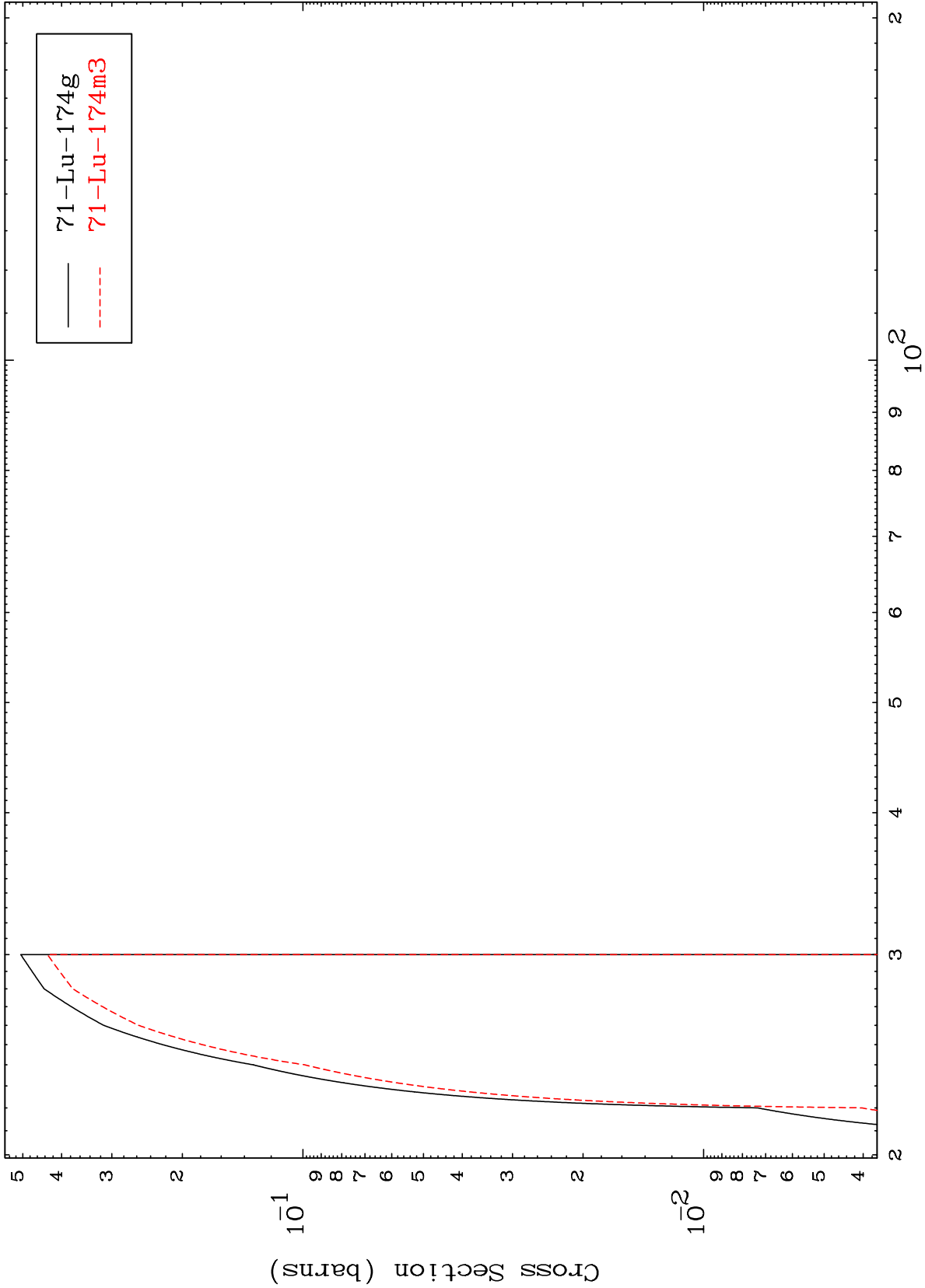
<sup>70</sup>Yb-177

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(n,4n)

70-Yb-177

Radionuclide Production Cross Section



15

Incident Energy (MeV)

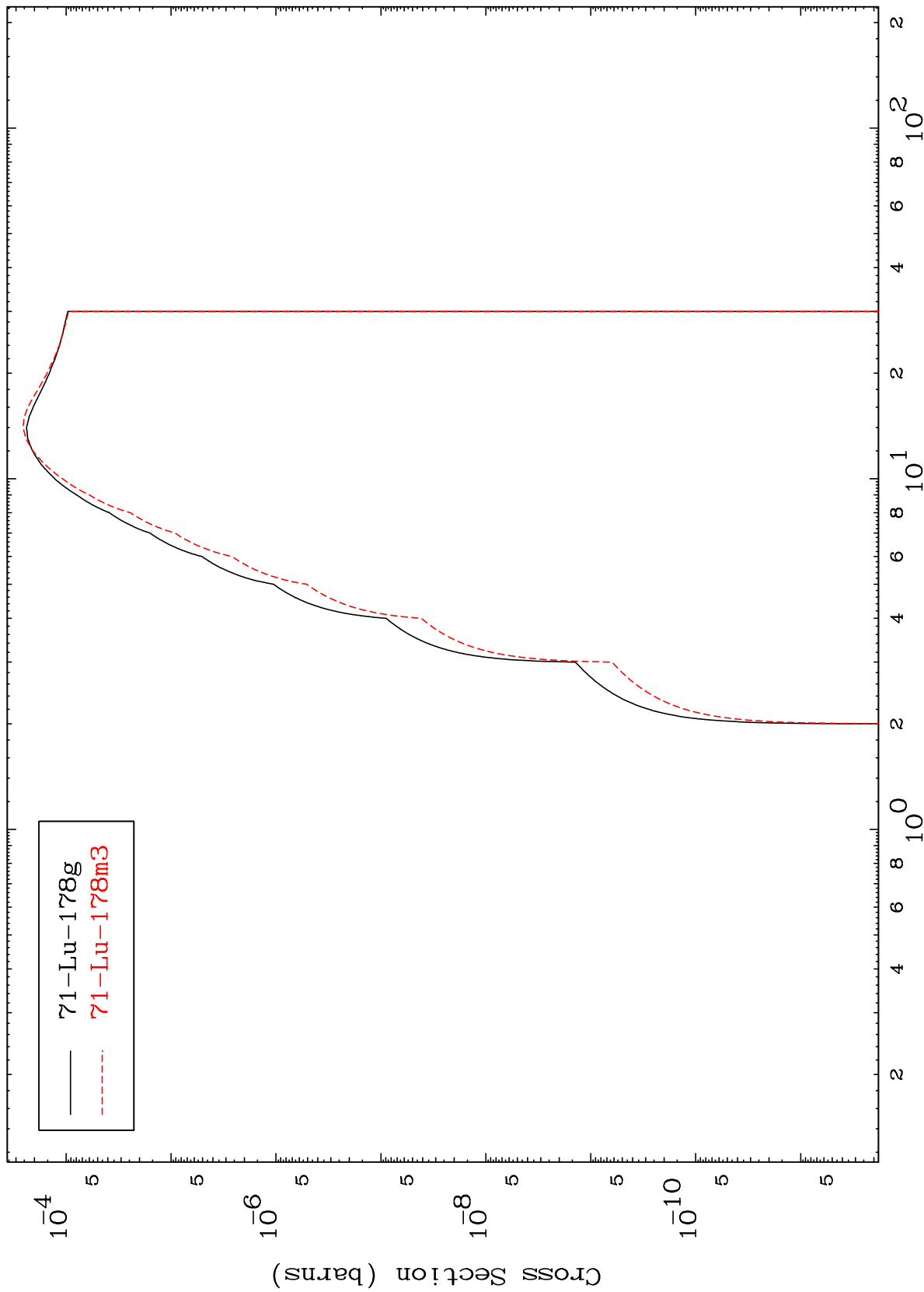
70-Yb-177



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70-Yb-177

(n,γ)  
Radionuclide Production Cross Section



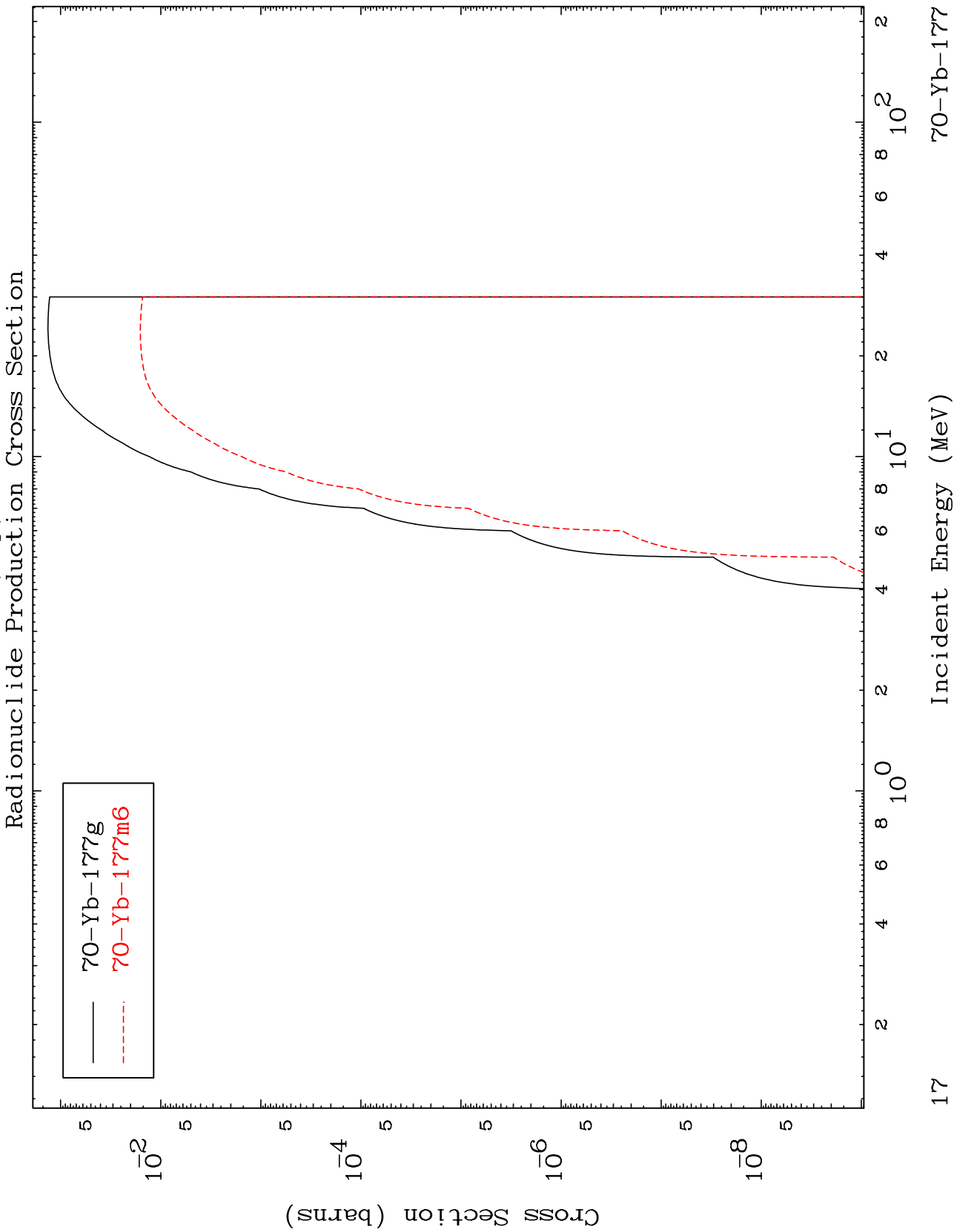
70-Yb-177

Incident Energy (MeV)

16

MAT 7052

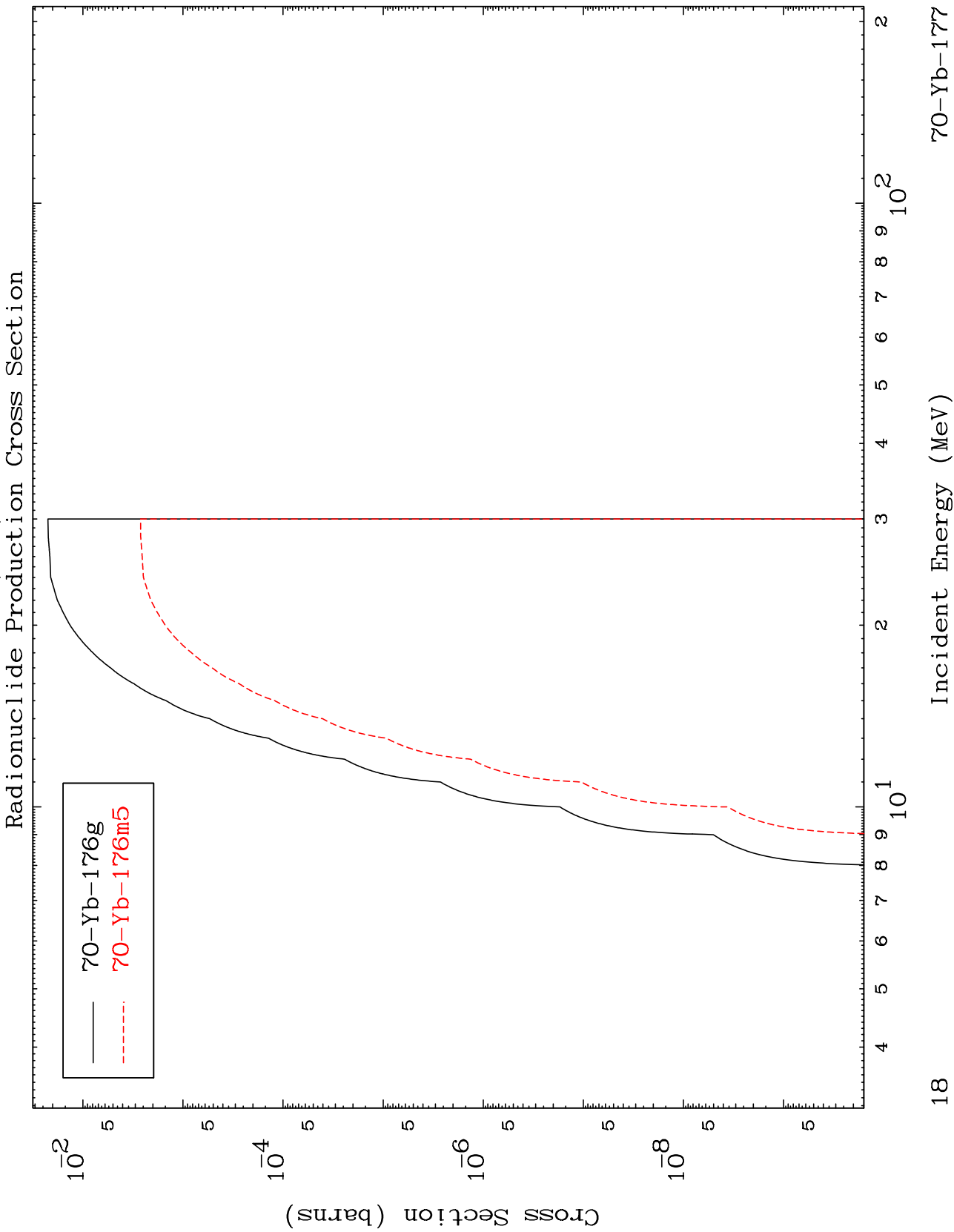
<sup>70</sup>Yb-177



— 70Yb-177g  
- - - 70Yb-177m6

MAT 7052

$^{70}\text{Yb-177}$



—  $^{70}\text{Yb-176g}$   
- - -  $^{70}\text{Yb-176m5}$

$^{70}\text{Yb-177}$

Incident Energy (MeV)

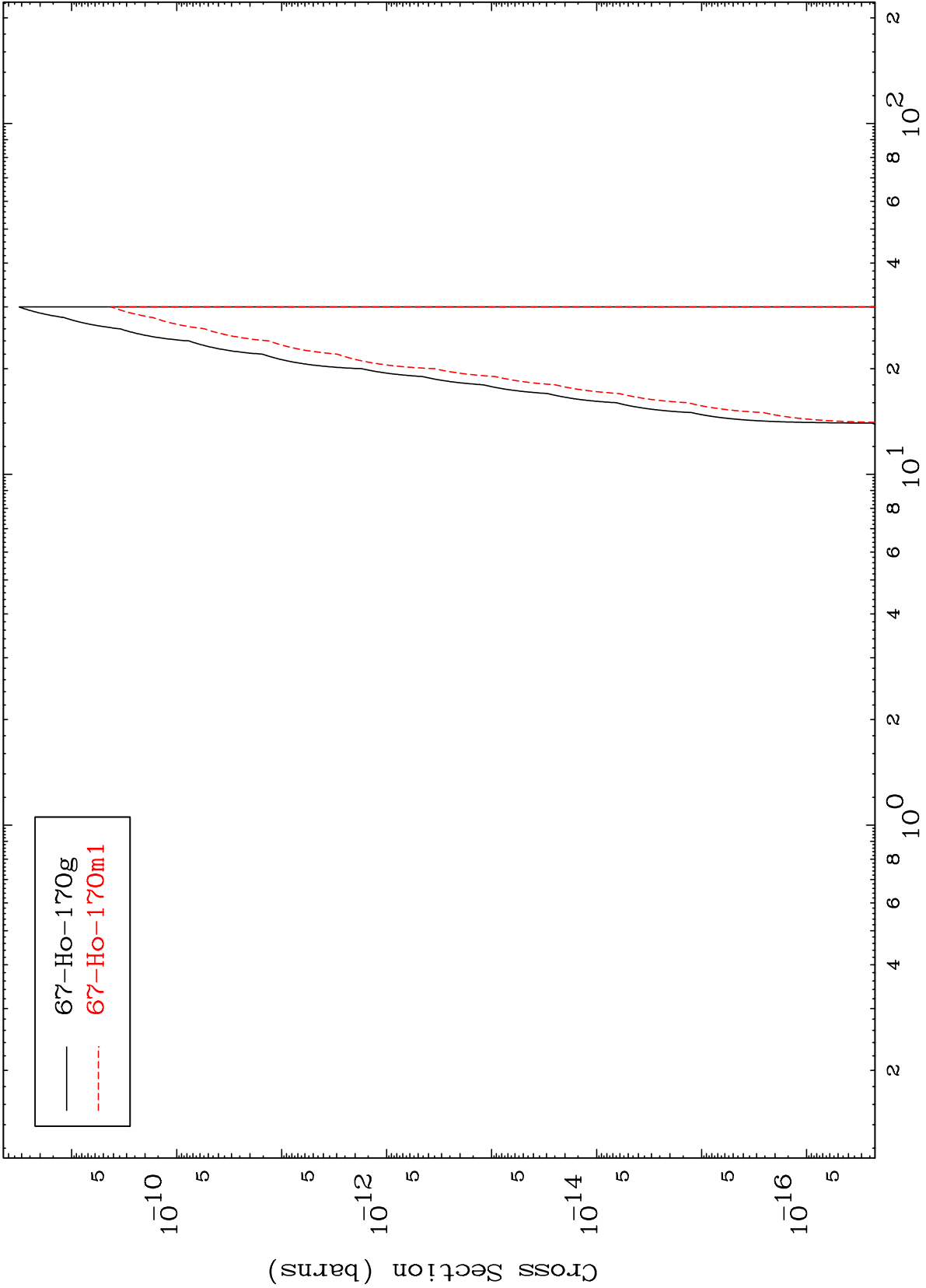
18

MAT 7052

(n,2α)

70-Yb-177

Radionuclide Production Cross Section



67-Ho-170g  
67-Ho-170m1