

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

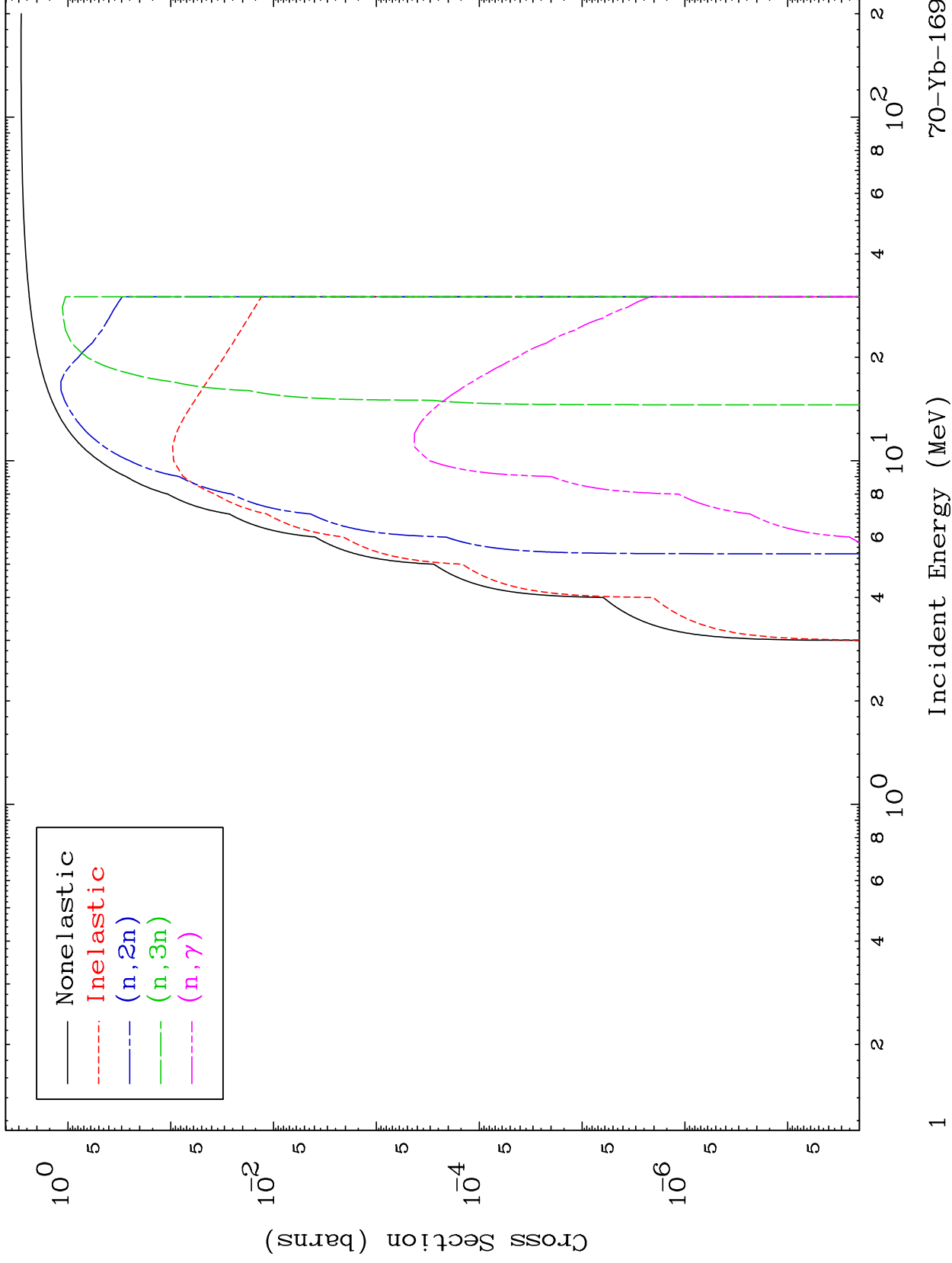
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

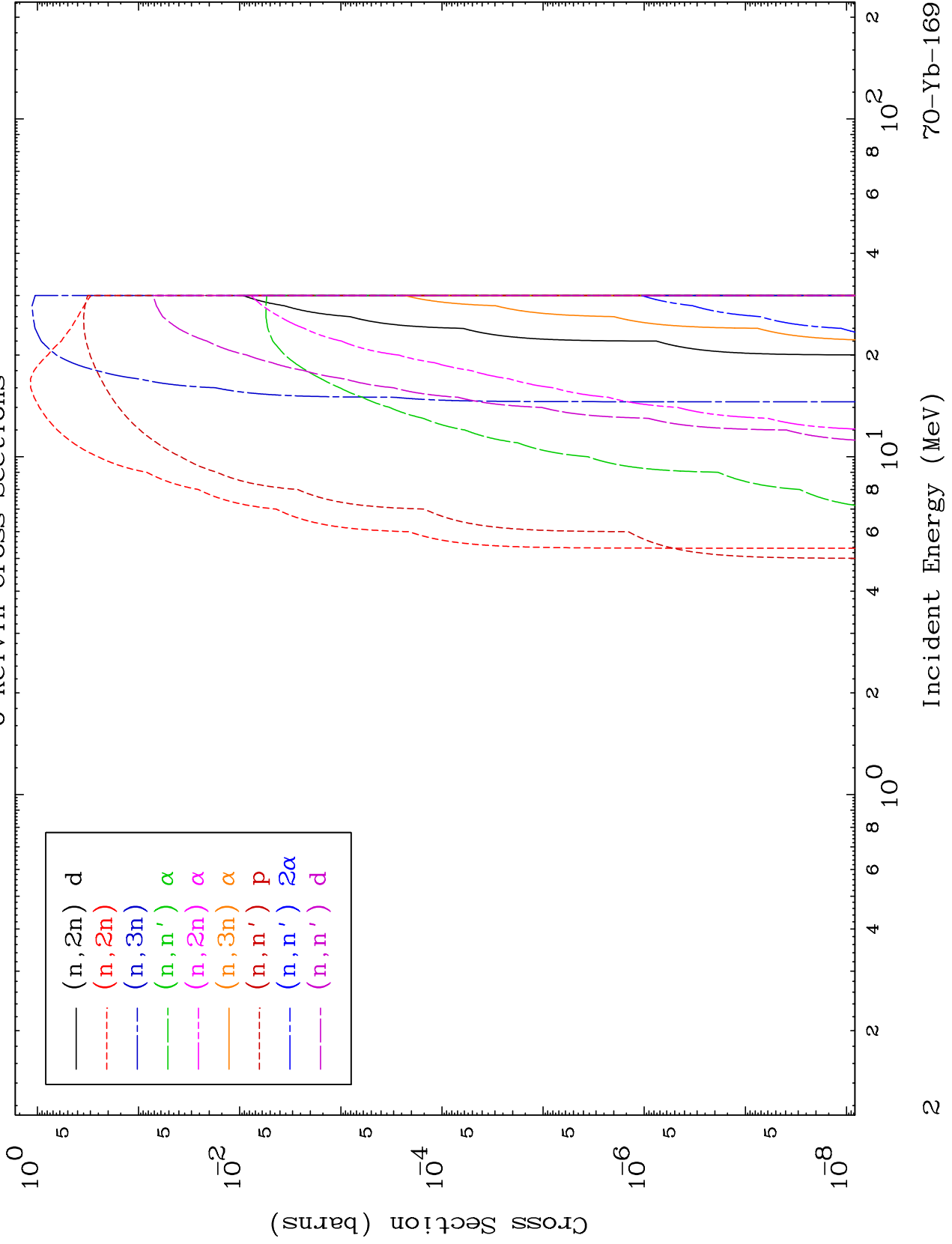
Press Mouse Button to Start

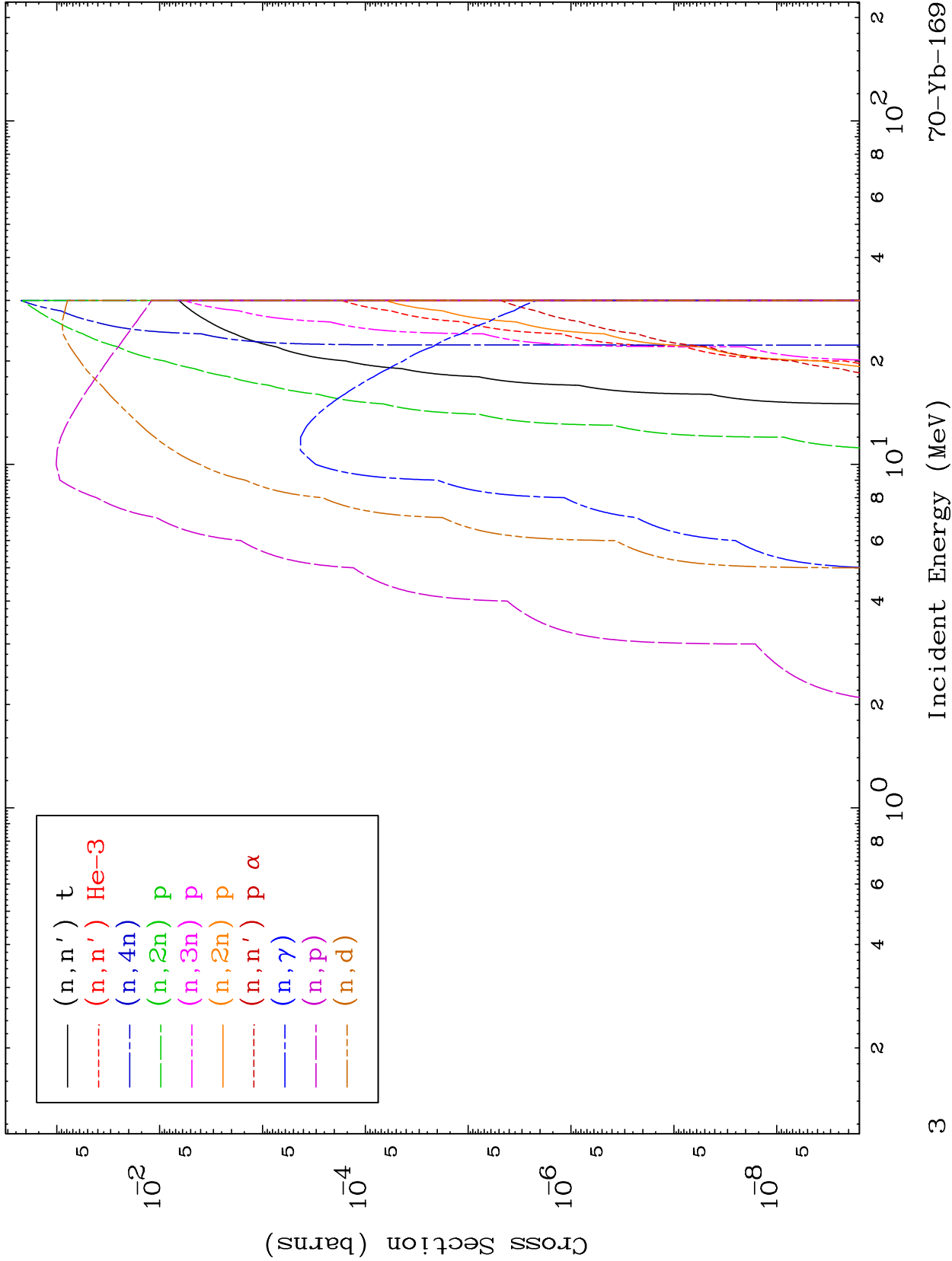


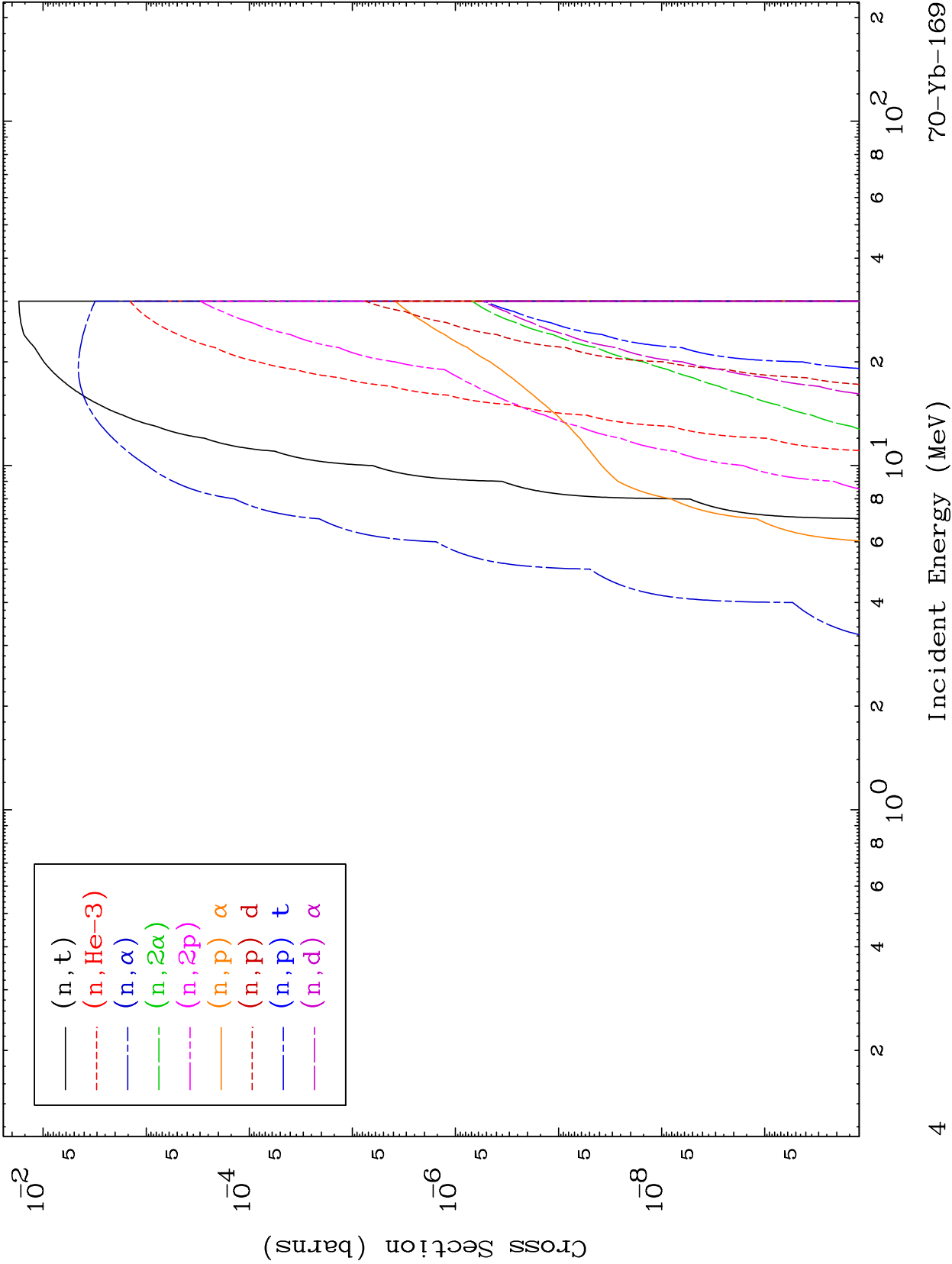
MAT 7028

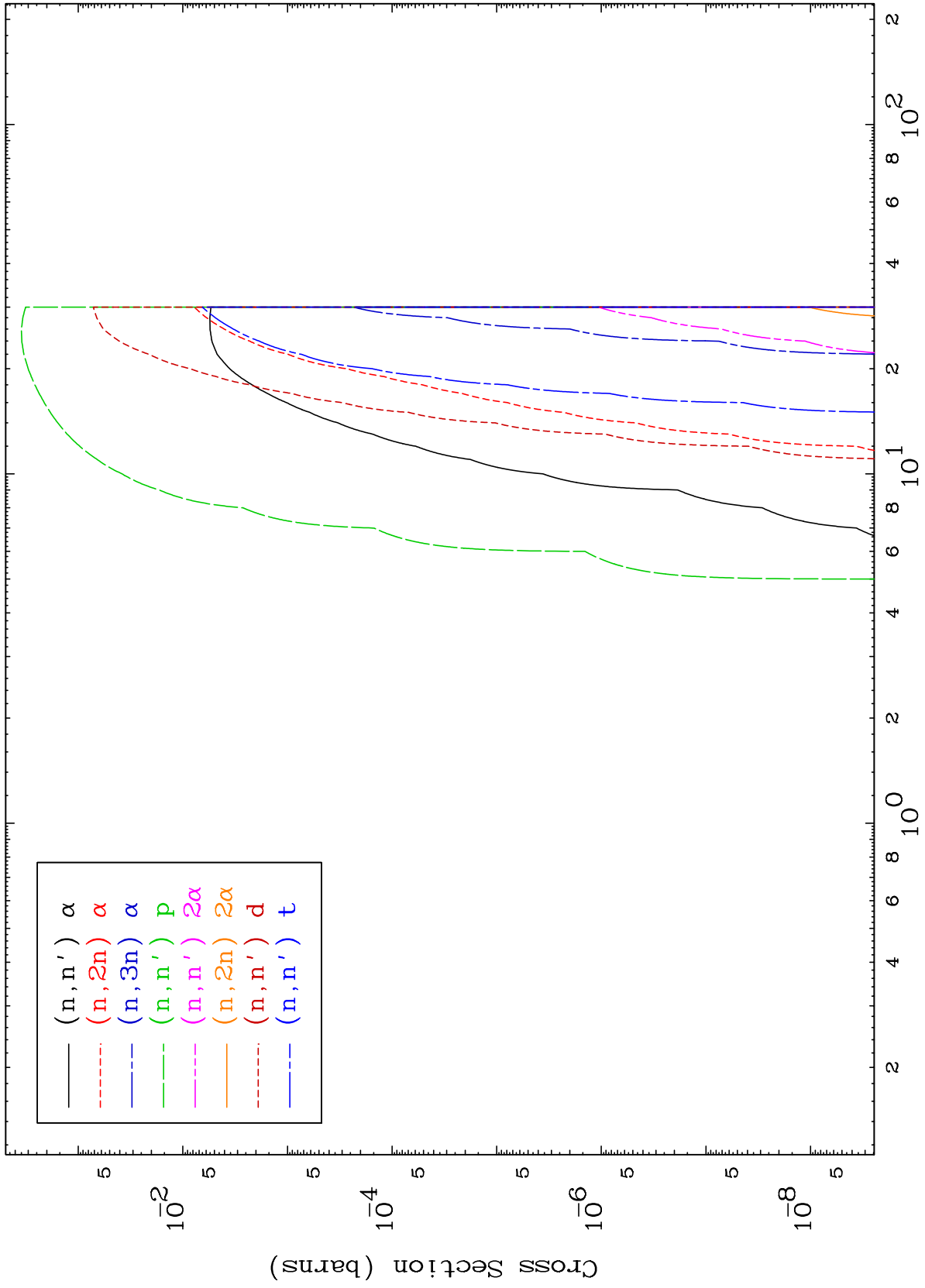
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

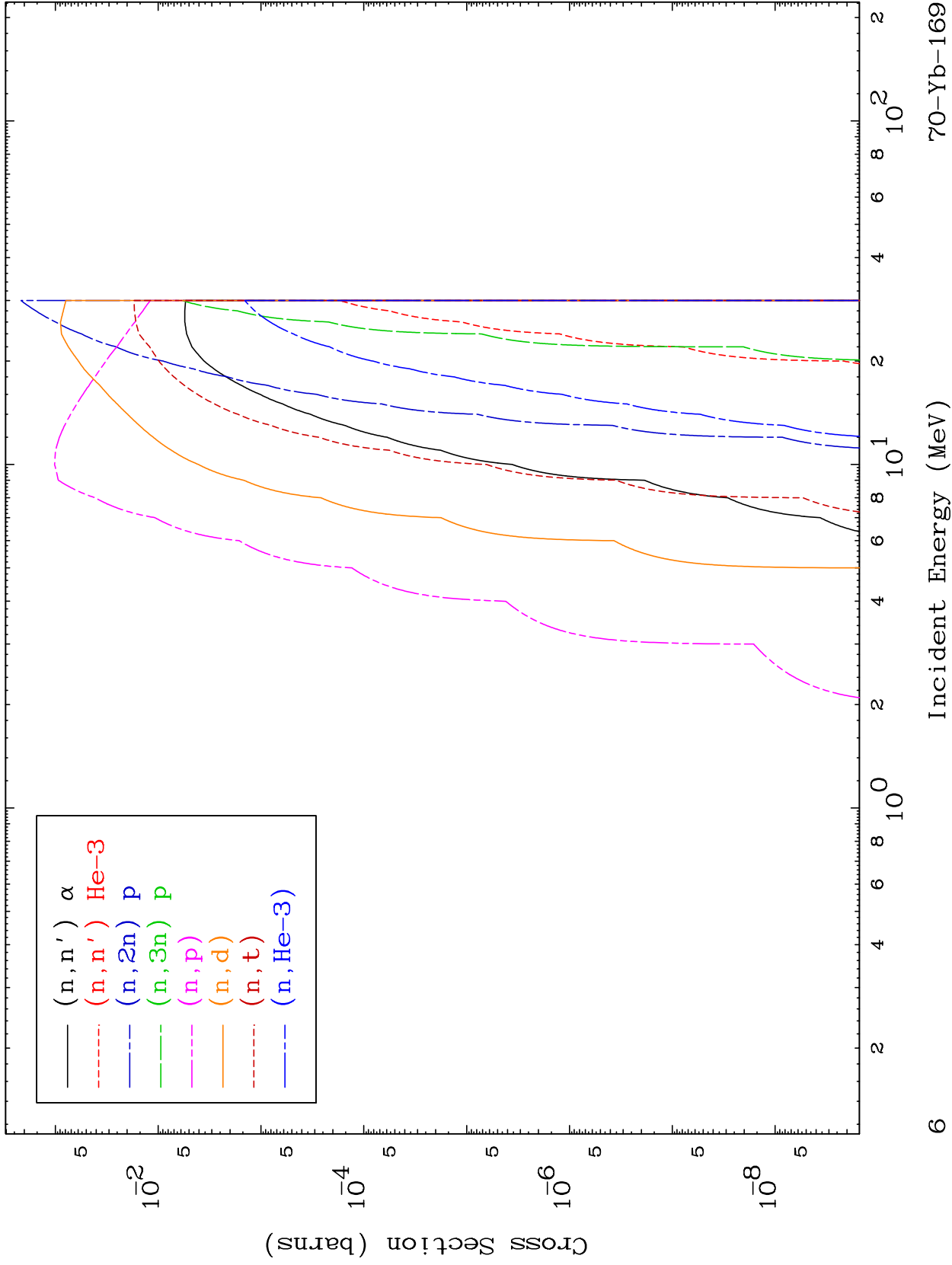
70-Yb-169

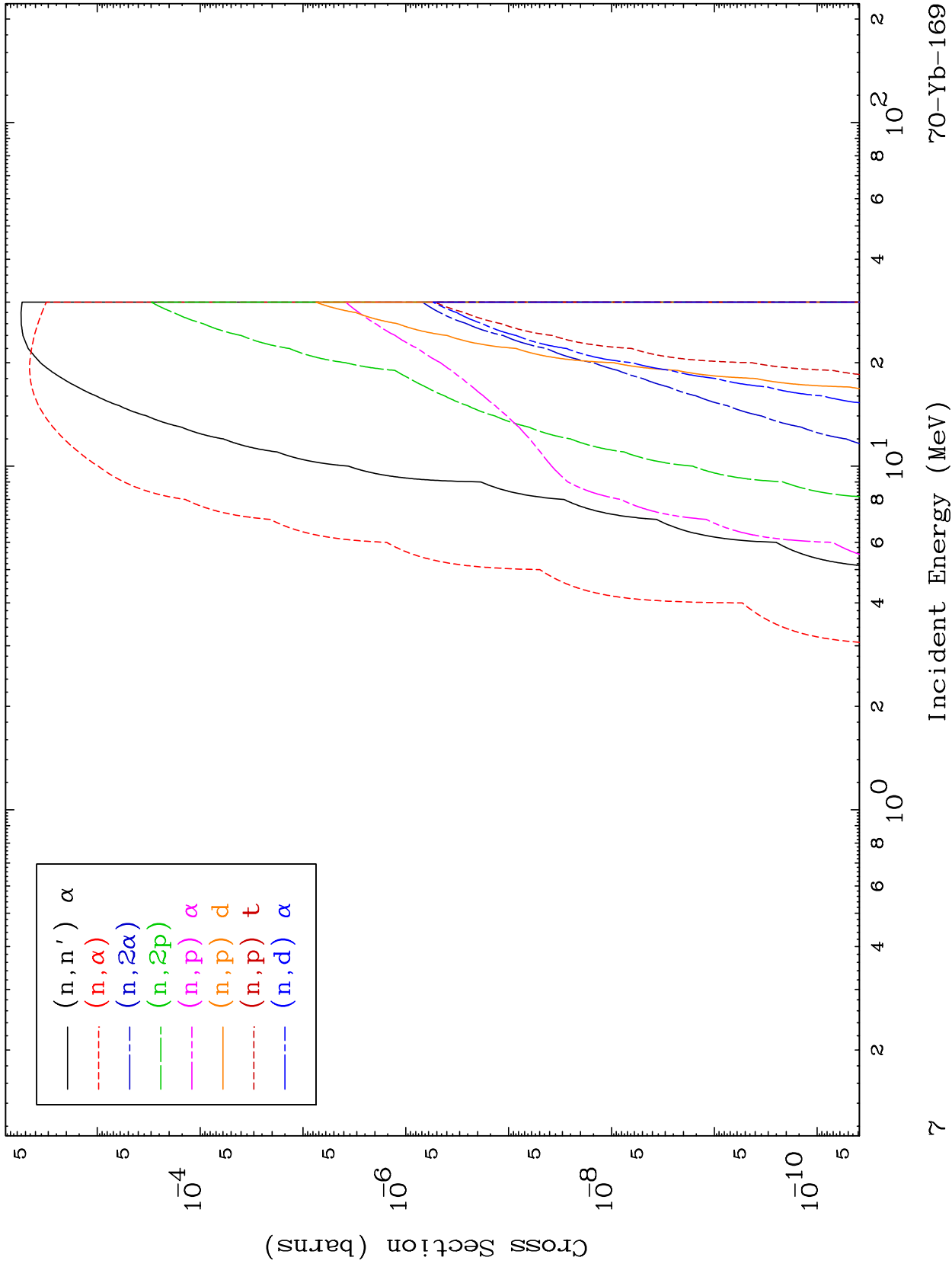








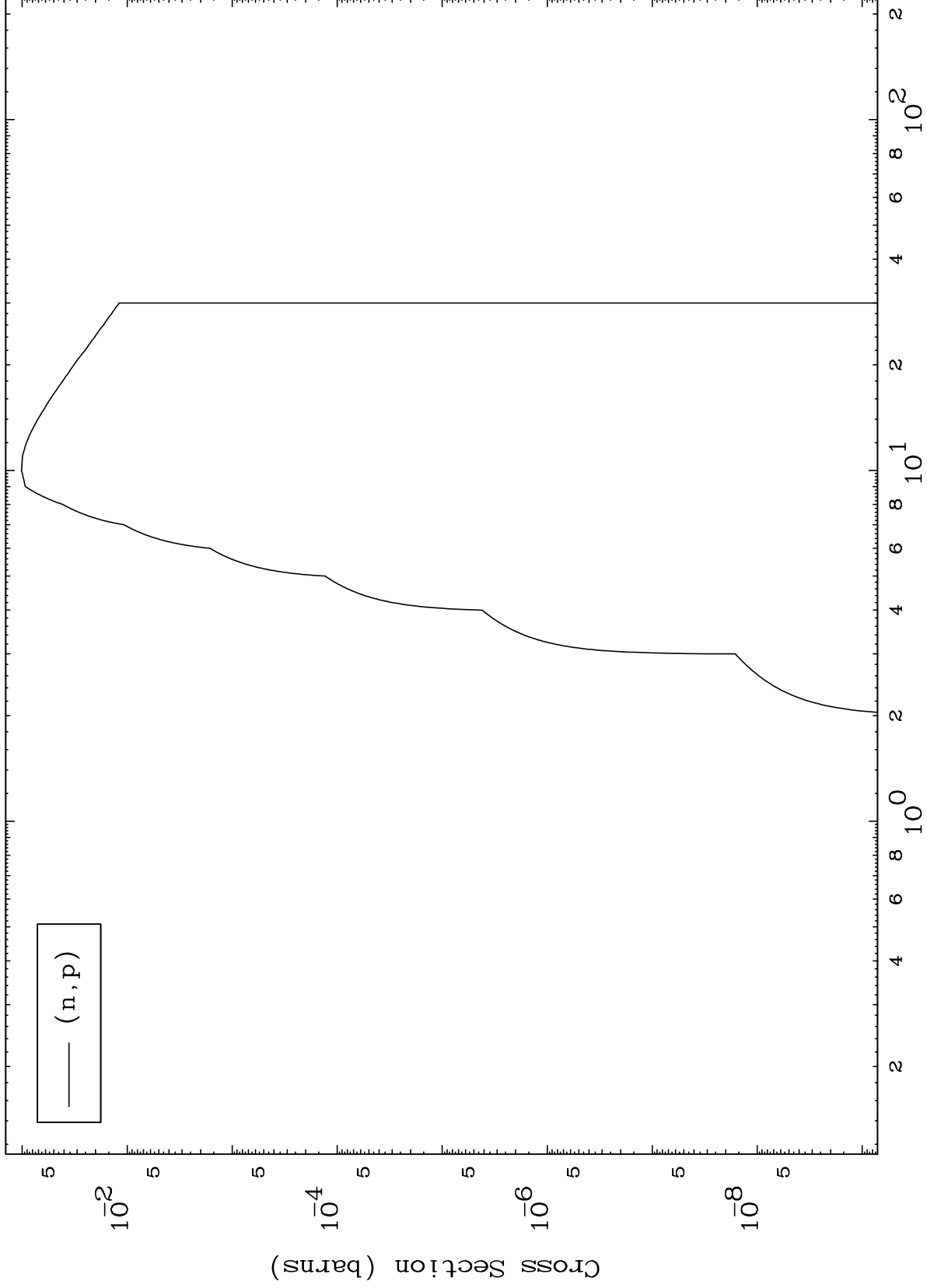




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(d,p) Levels  
0 Kelvin Cross Sections

70-Yb-169

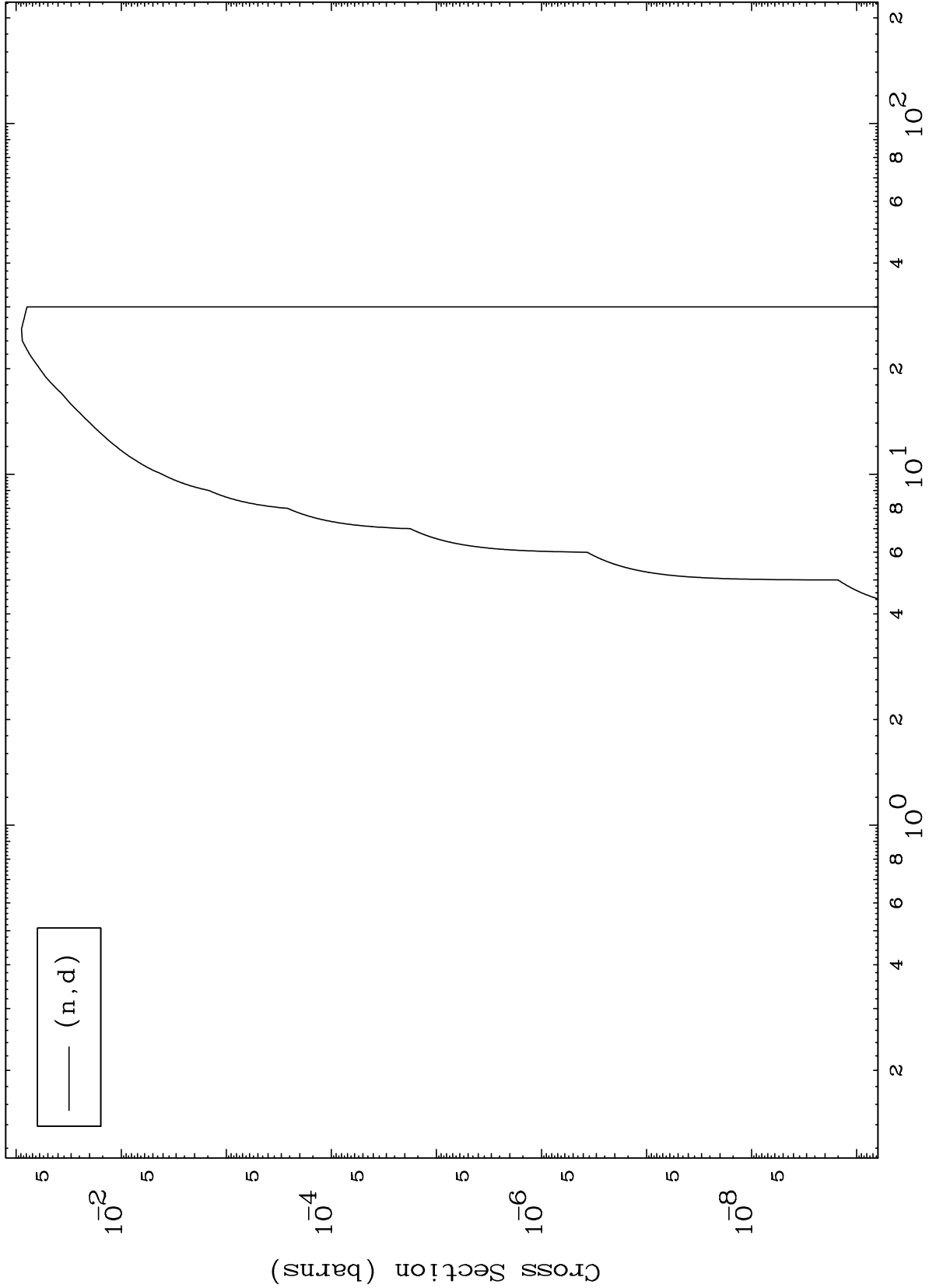


MAT 7028

(d,d) Levels

70-Yb-169

0 Kelvin Cross Sections

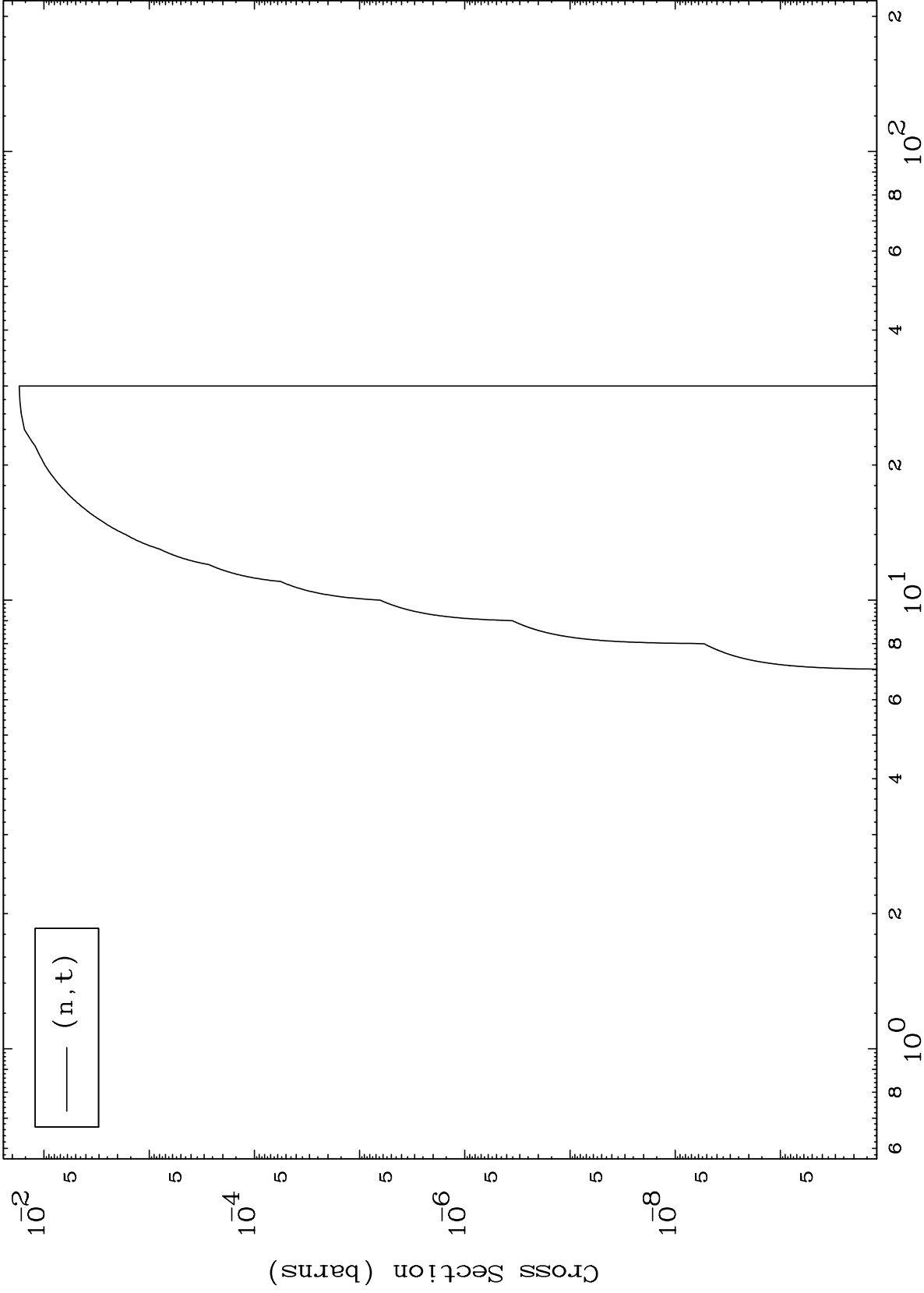


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(d, t) Levels

70-Yb-169

0 Kelvin Cross Sections



Incident Energy (MeV)

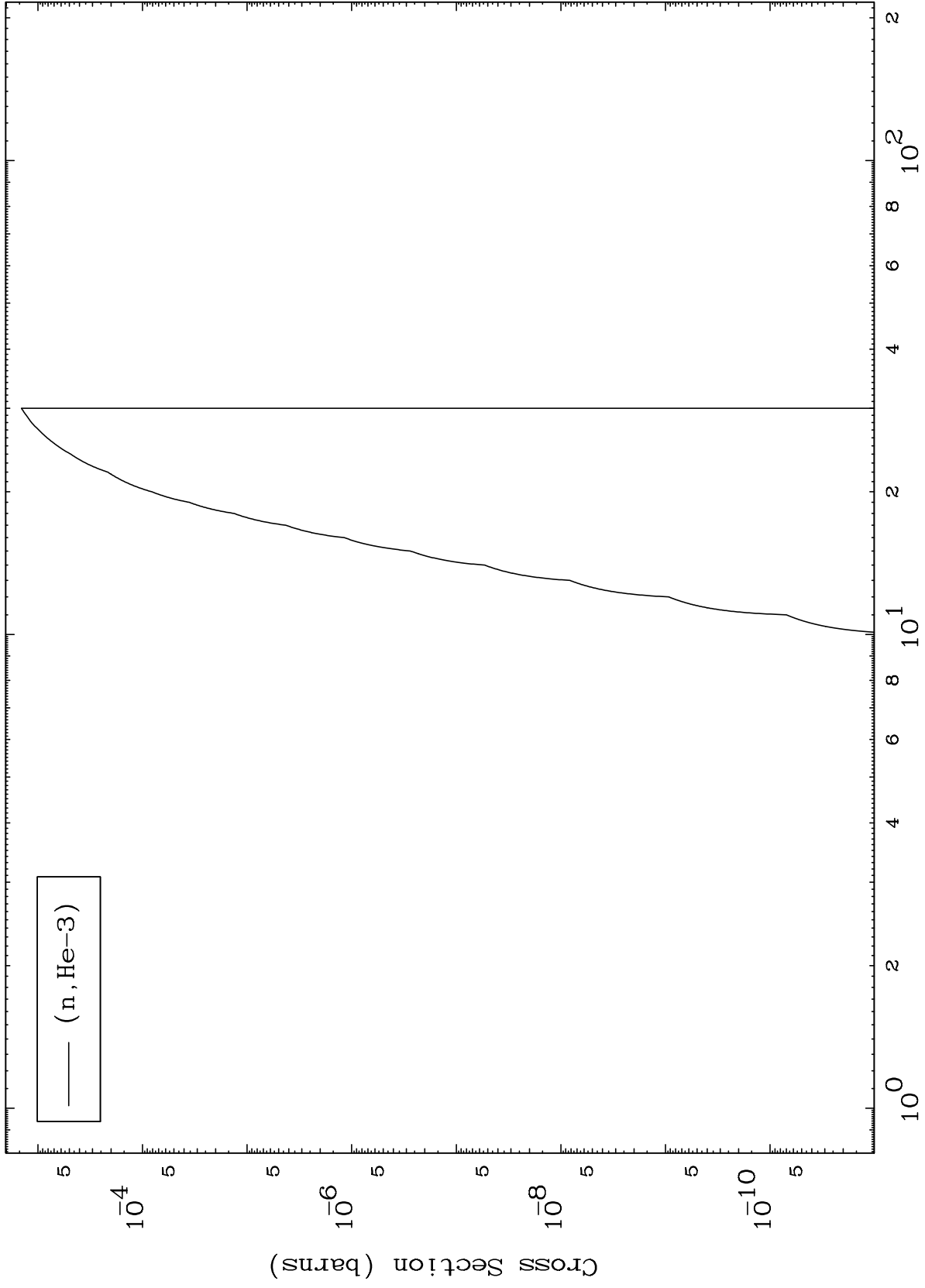
70-Yb-169

MAT 7028

(d,He3) Levels

70-Yb-169

0 Kelvin Cross Sections



11

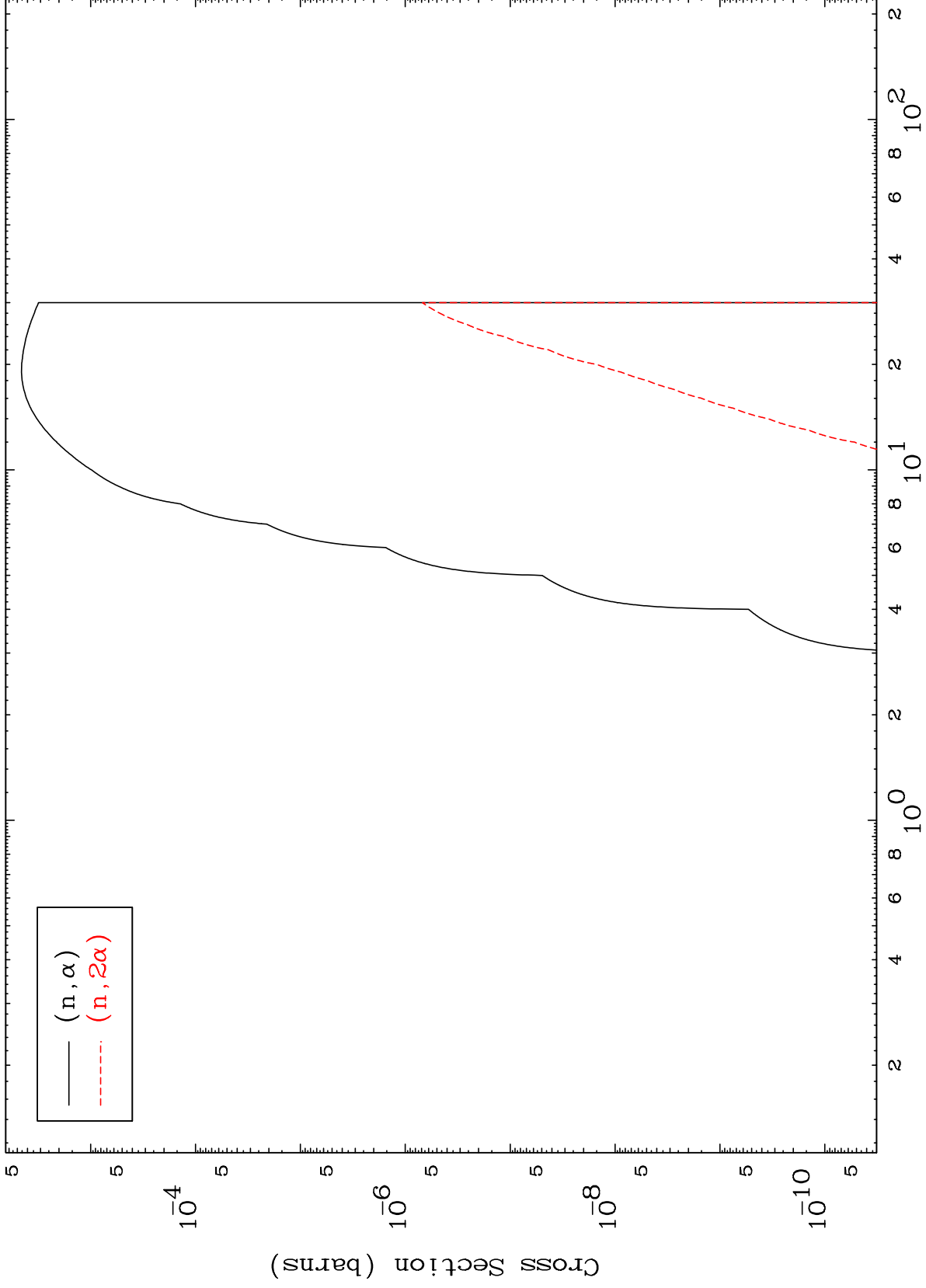
Incident Energy (MeV)

70-Yb-169

MAT 7028

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

70-Yb-169



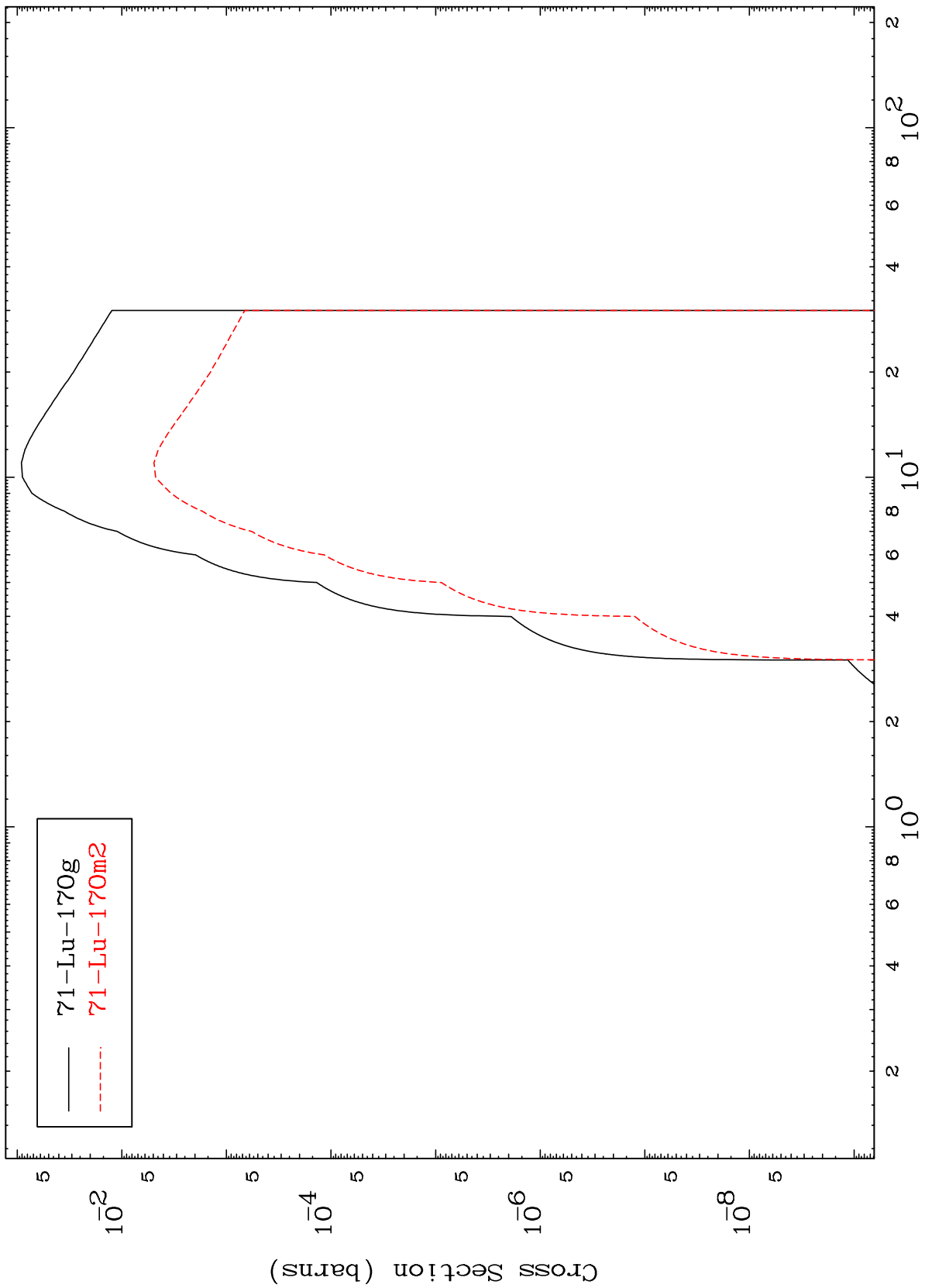
12

70-Yb-169

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70-Yb-169

Inelastic  
Radionuclide Production Cross Section



70-Yb-169

Incident Energy (MeV)

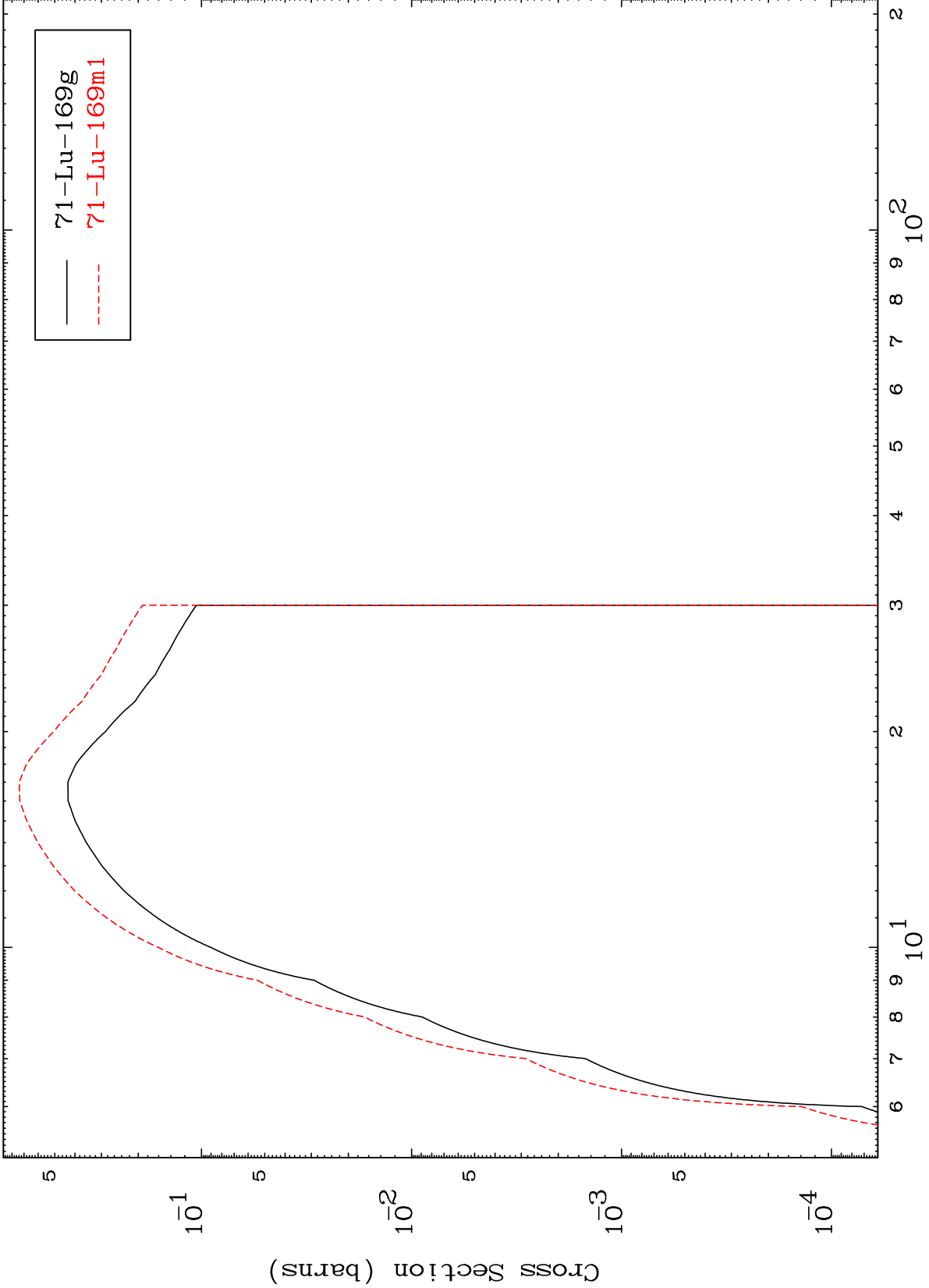
13

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(n,2n)

70-Yb-169

Radionuclide Production Cross Section



71-Lu-169g  
71-Lu-169m1

14

Incident Energy (MeV)

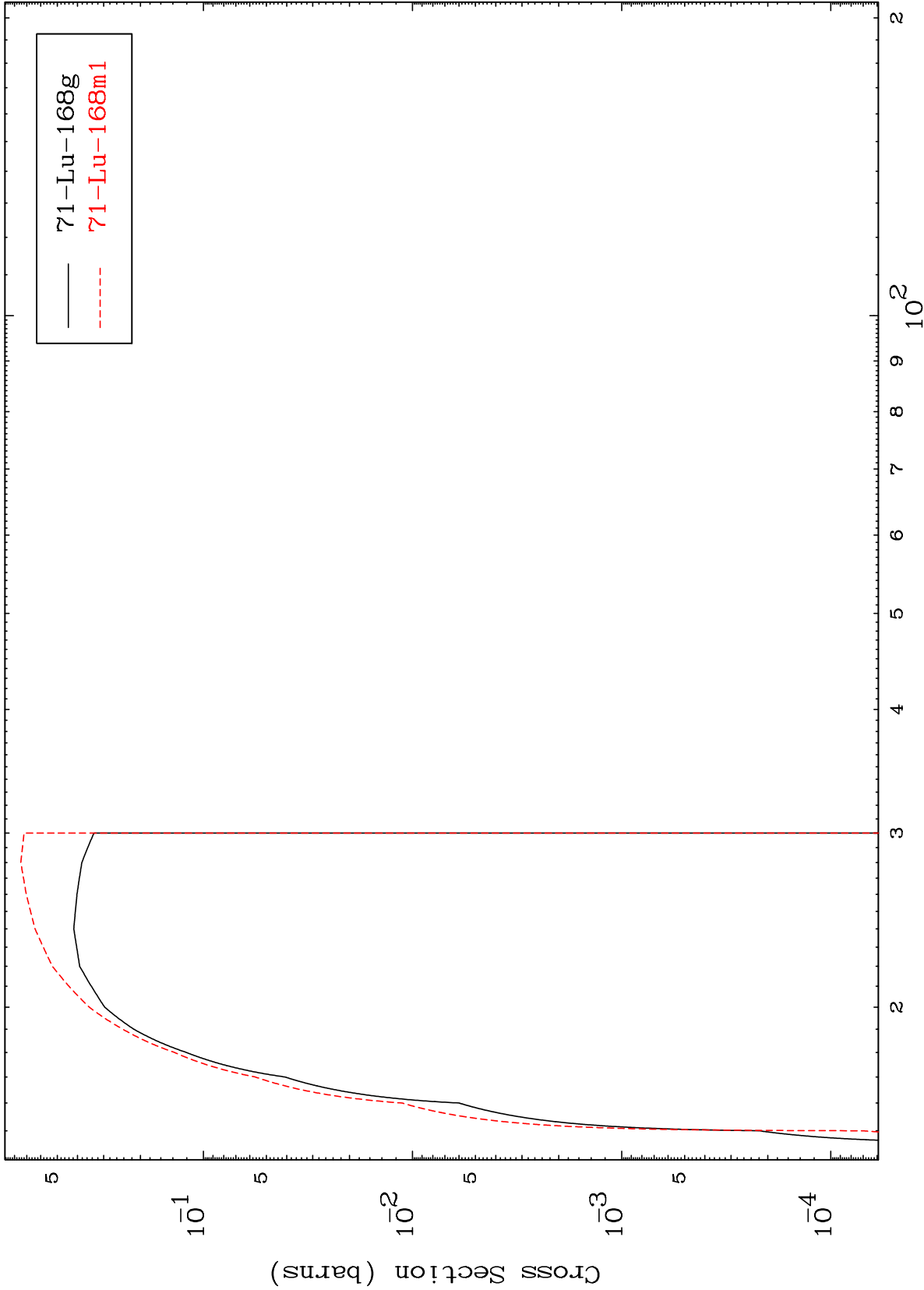
70-Yb-169

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(n,3n)

70-Yb-169

Radionuclide Production Cross Section



15

Incident Energy (MeV)

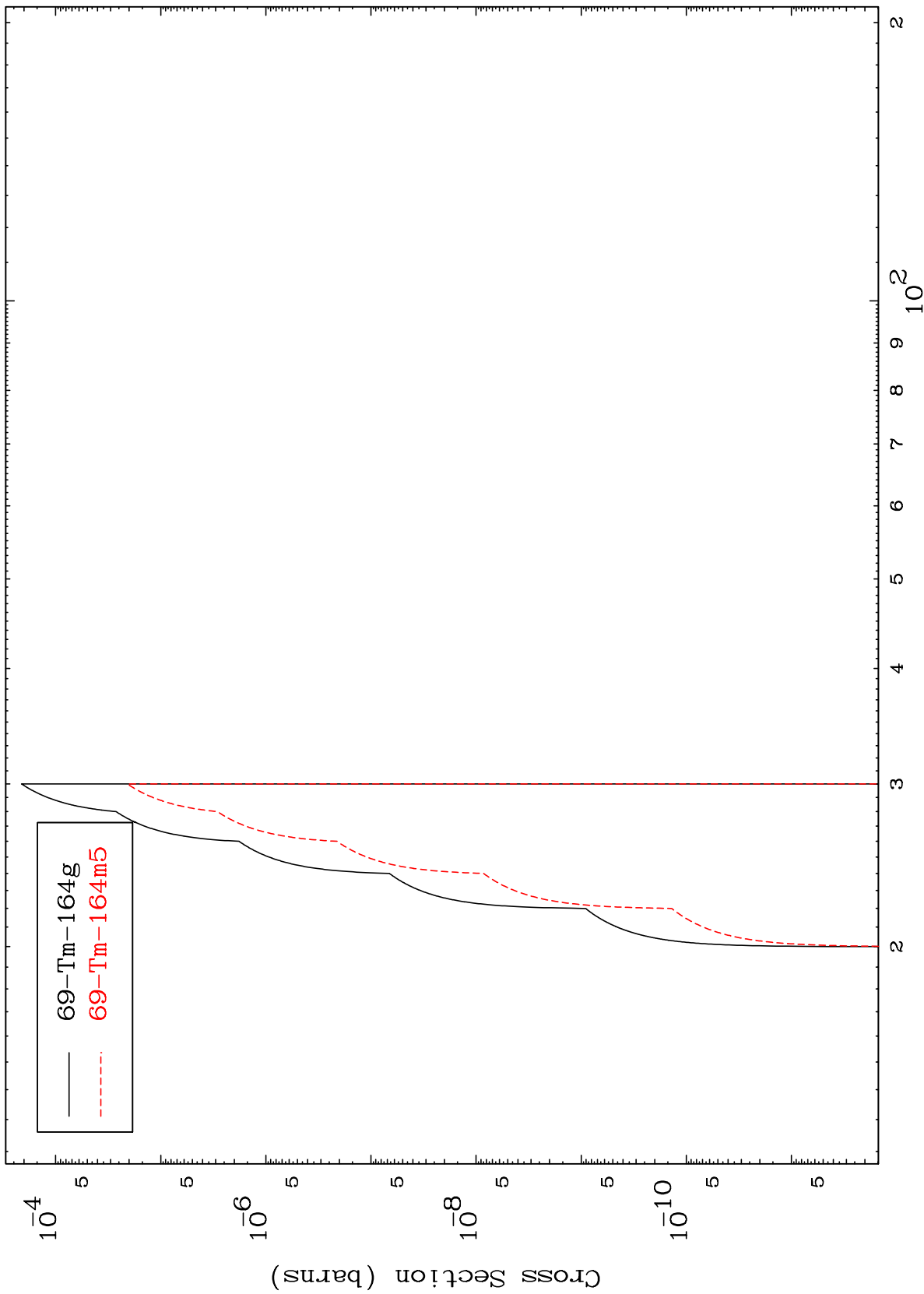
70-Yb-169

MAT 7028

(n,3n)  $\alpha$

70-Yb-169

Radionuclide Production Cross Section

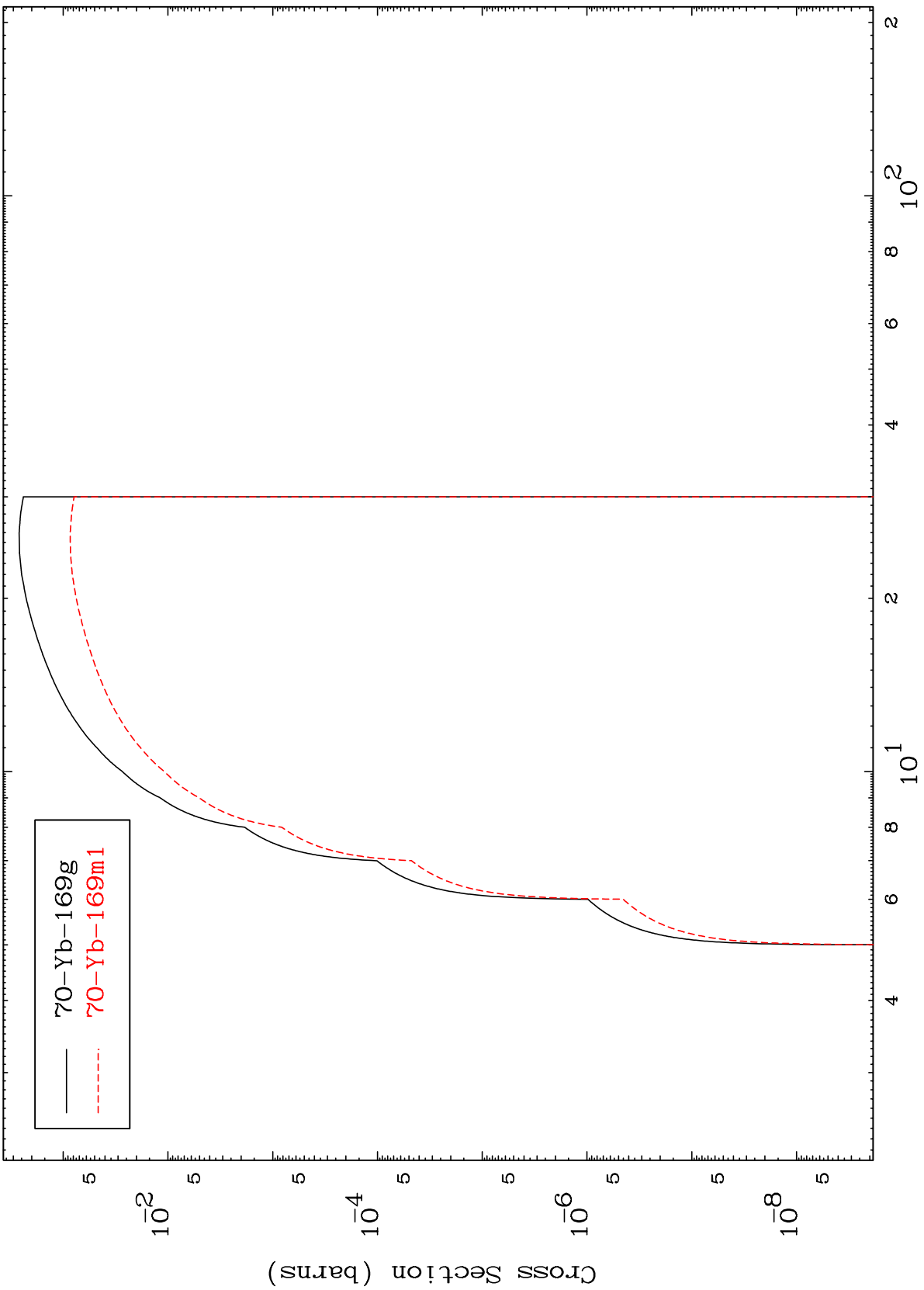


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(n,n') p

<sup>70</sup>Yb-169

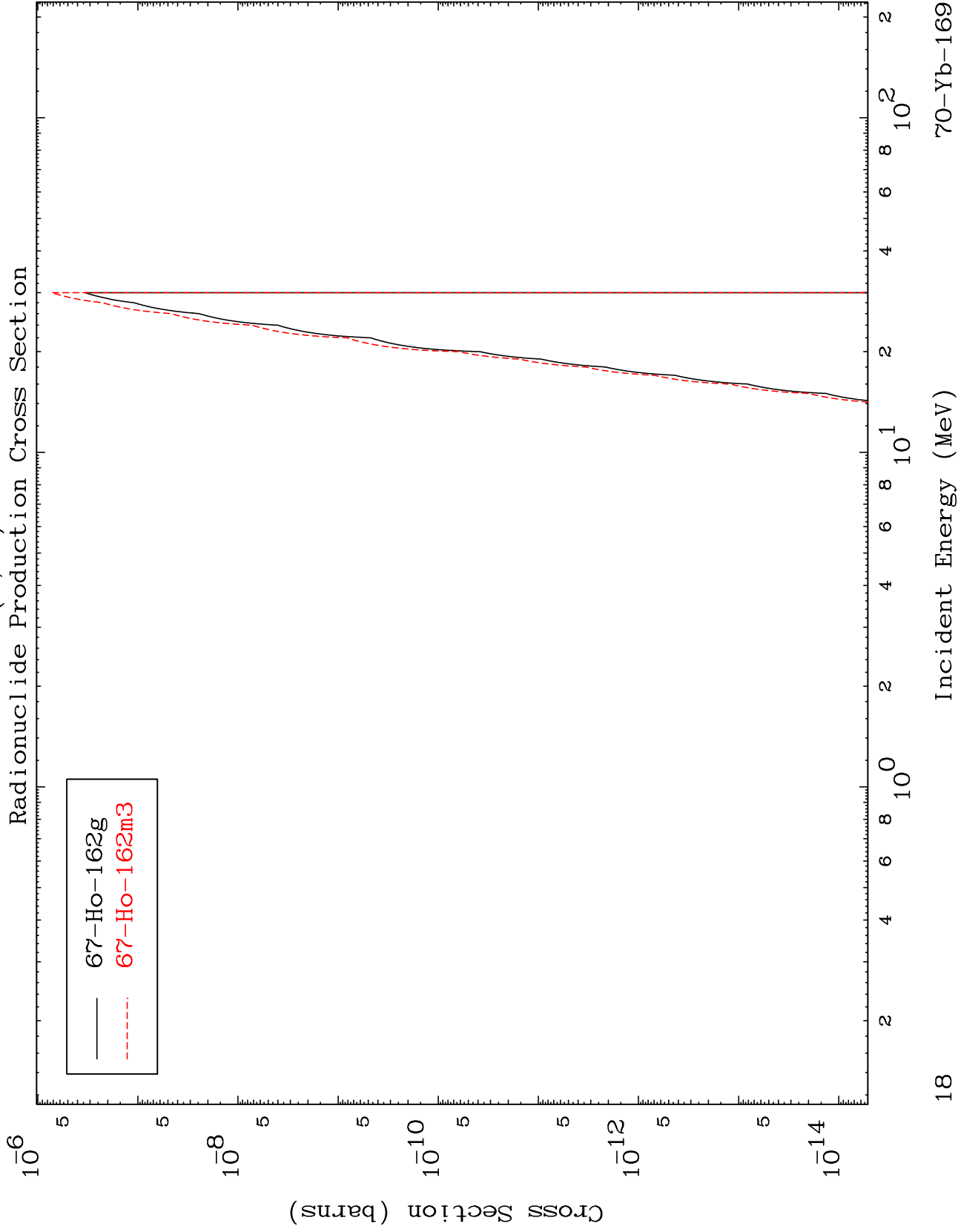
Radionuclide Production Cross Section



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(n,n') 2 $\alpha$

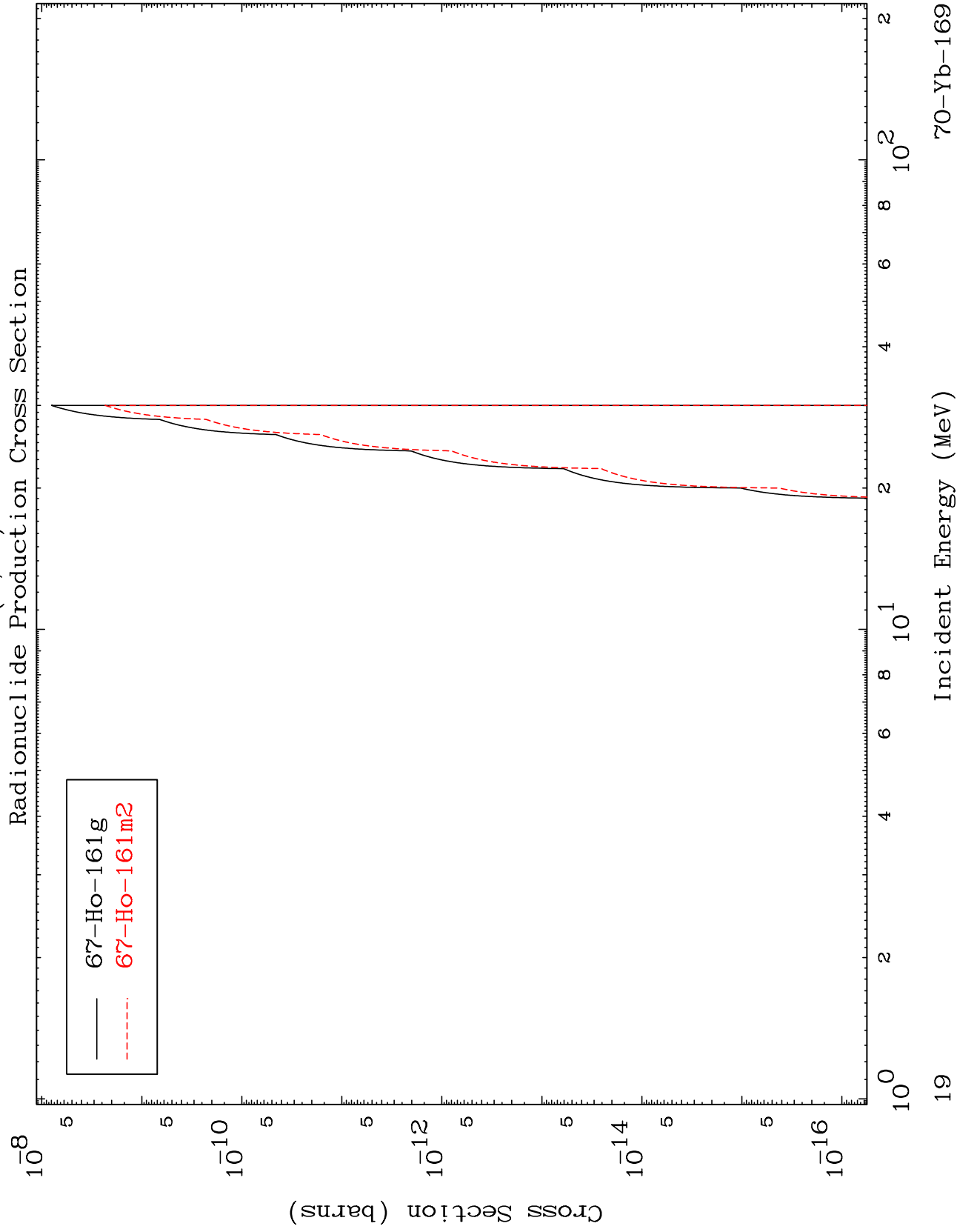
70-Yb-169



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(n,2n) 2α

70-Yb-169

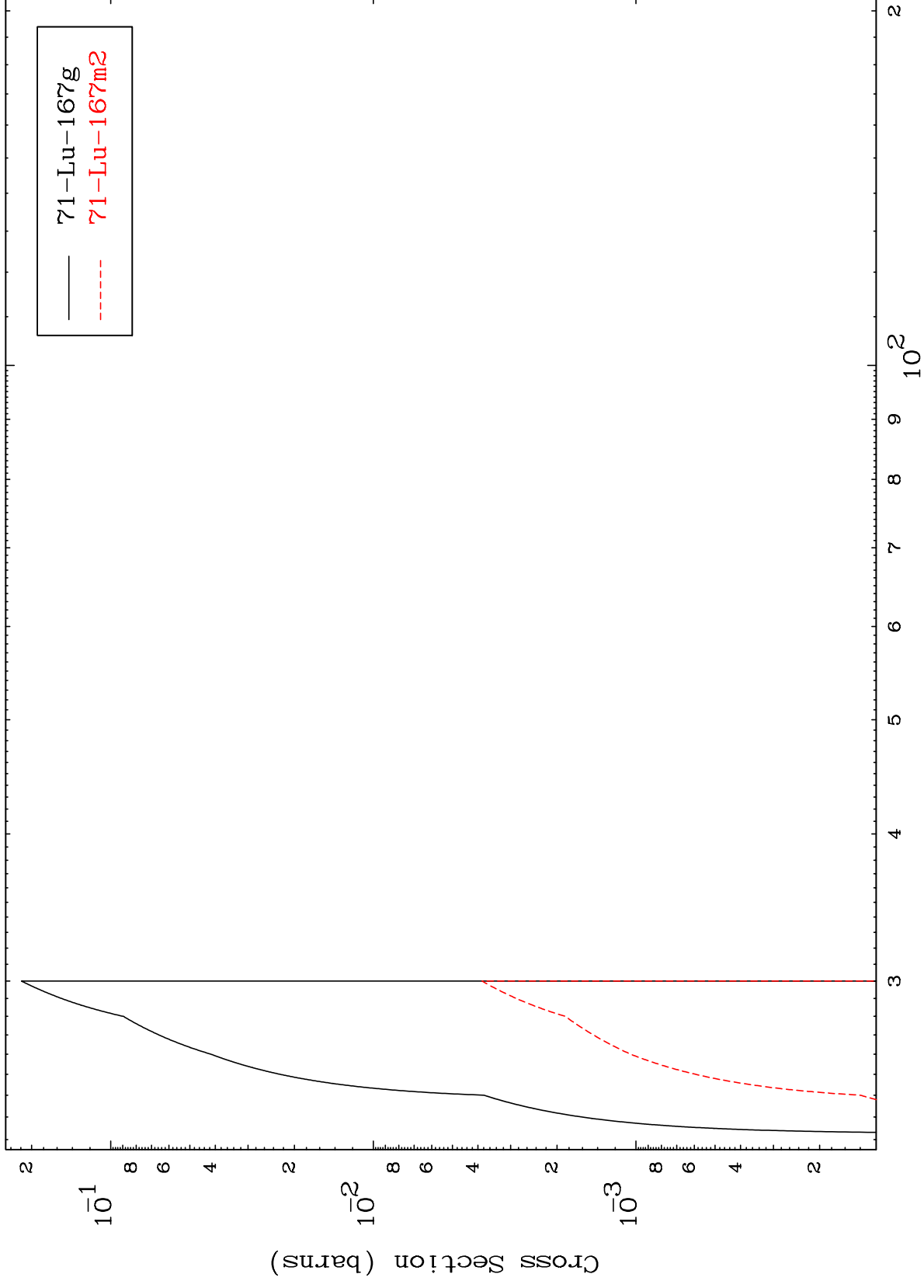


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(n,4n)

70-Yb-169

Radionuclide Production Cross Section



20

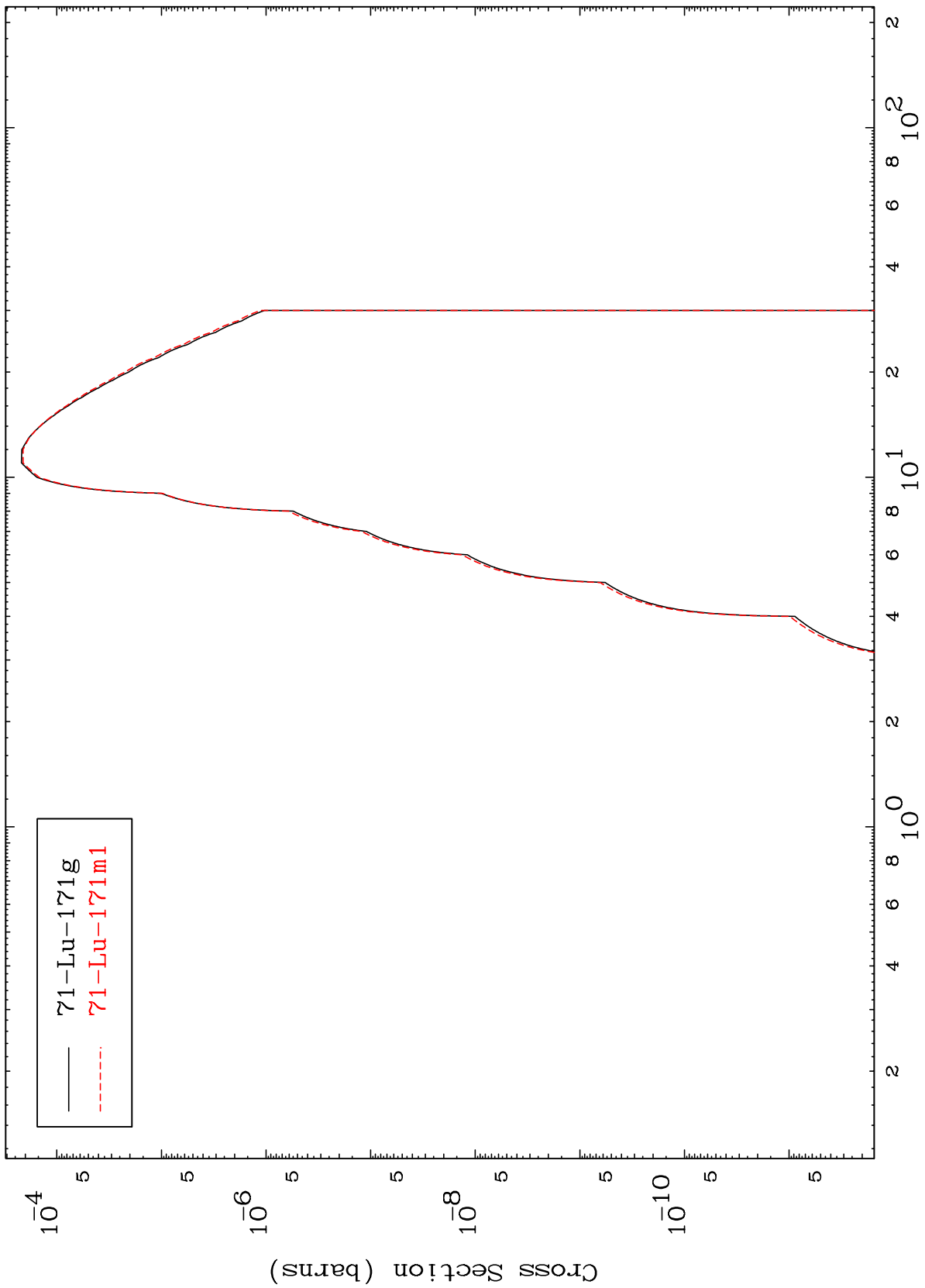
Incident Energy (MeV)

70-Yb-169

MAT 7028

70-Yb-169

(n,  $\gamma$ )  
Radionuclide Production Cross Section

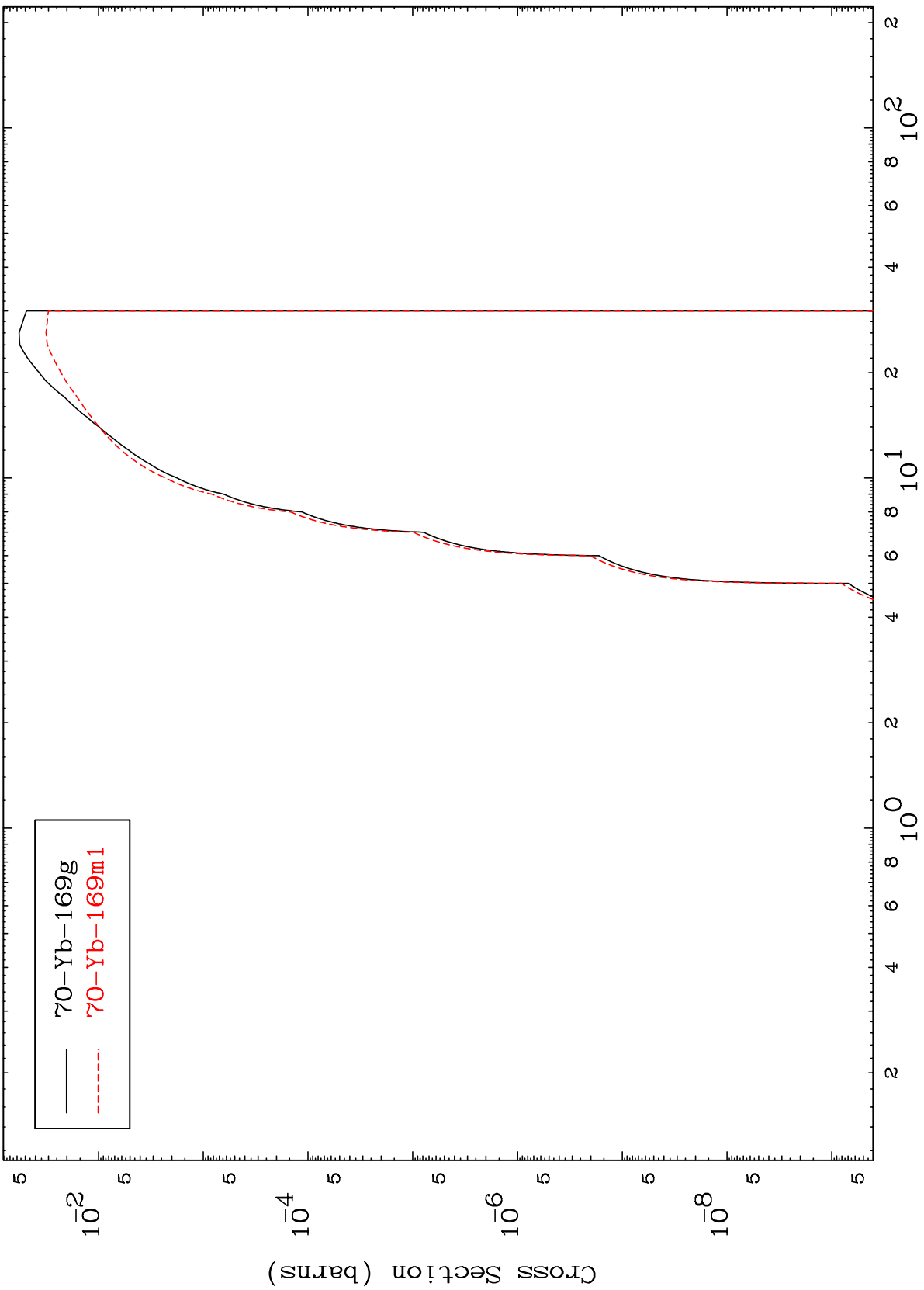


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(n,d)

70-Yb-169

Radionuclide Production Cross Section



MAT 7028

(n,2α)

70-Yb-169

Radionuclide Production Cross Section

