

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

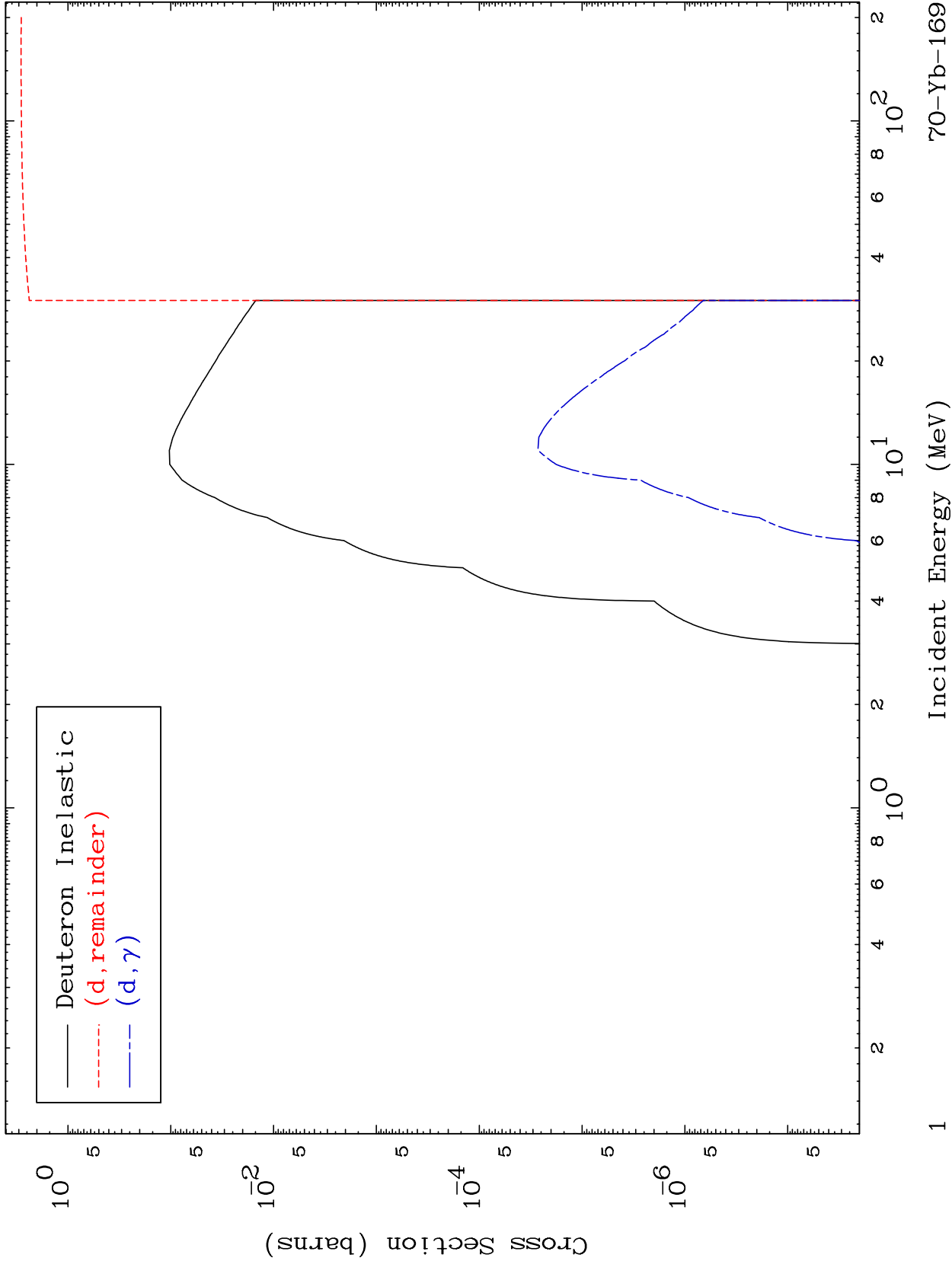
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Web:redcullen1.net/HOMEPAGE.NEW

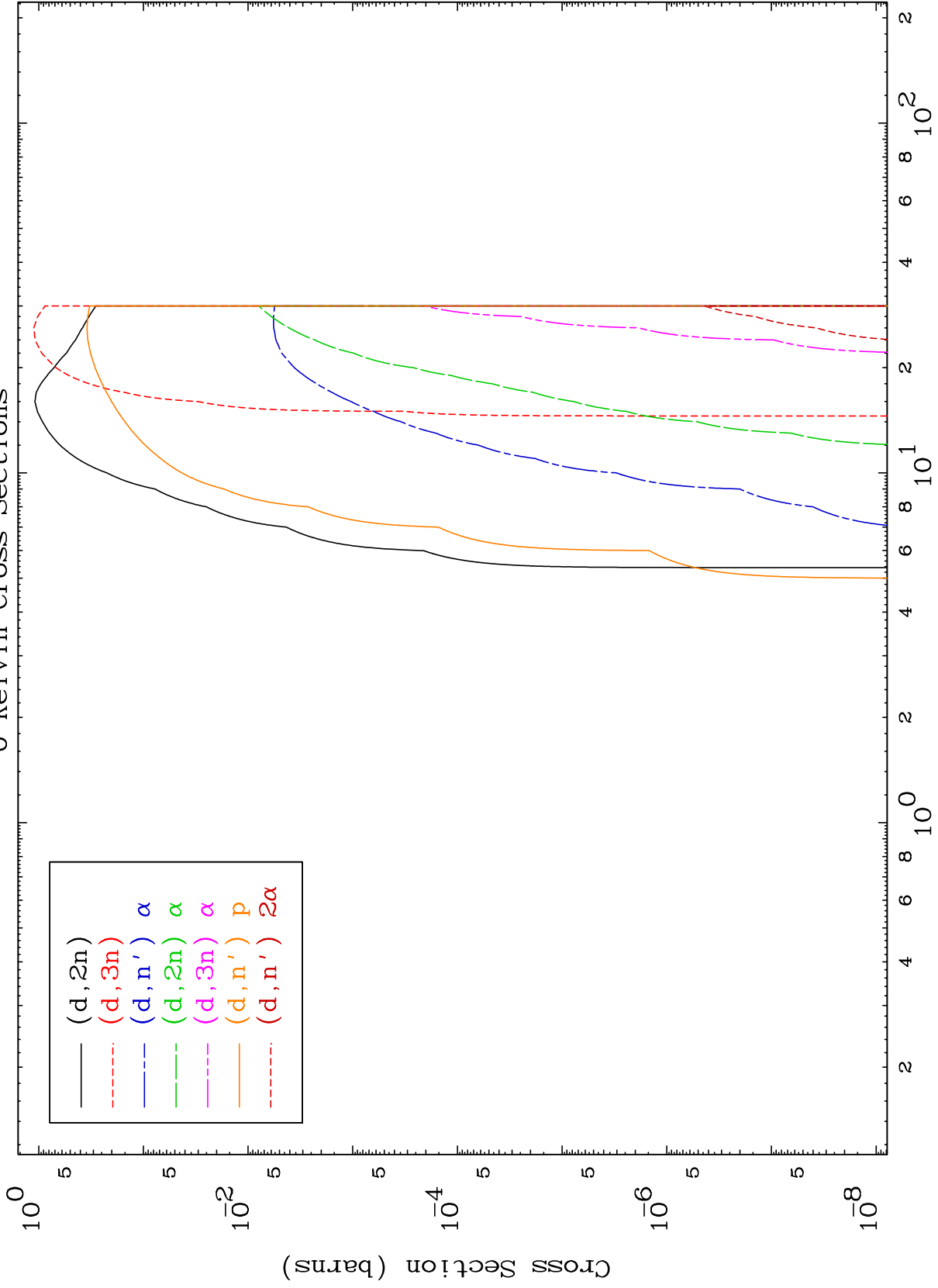
Press Mouse Button to Start

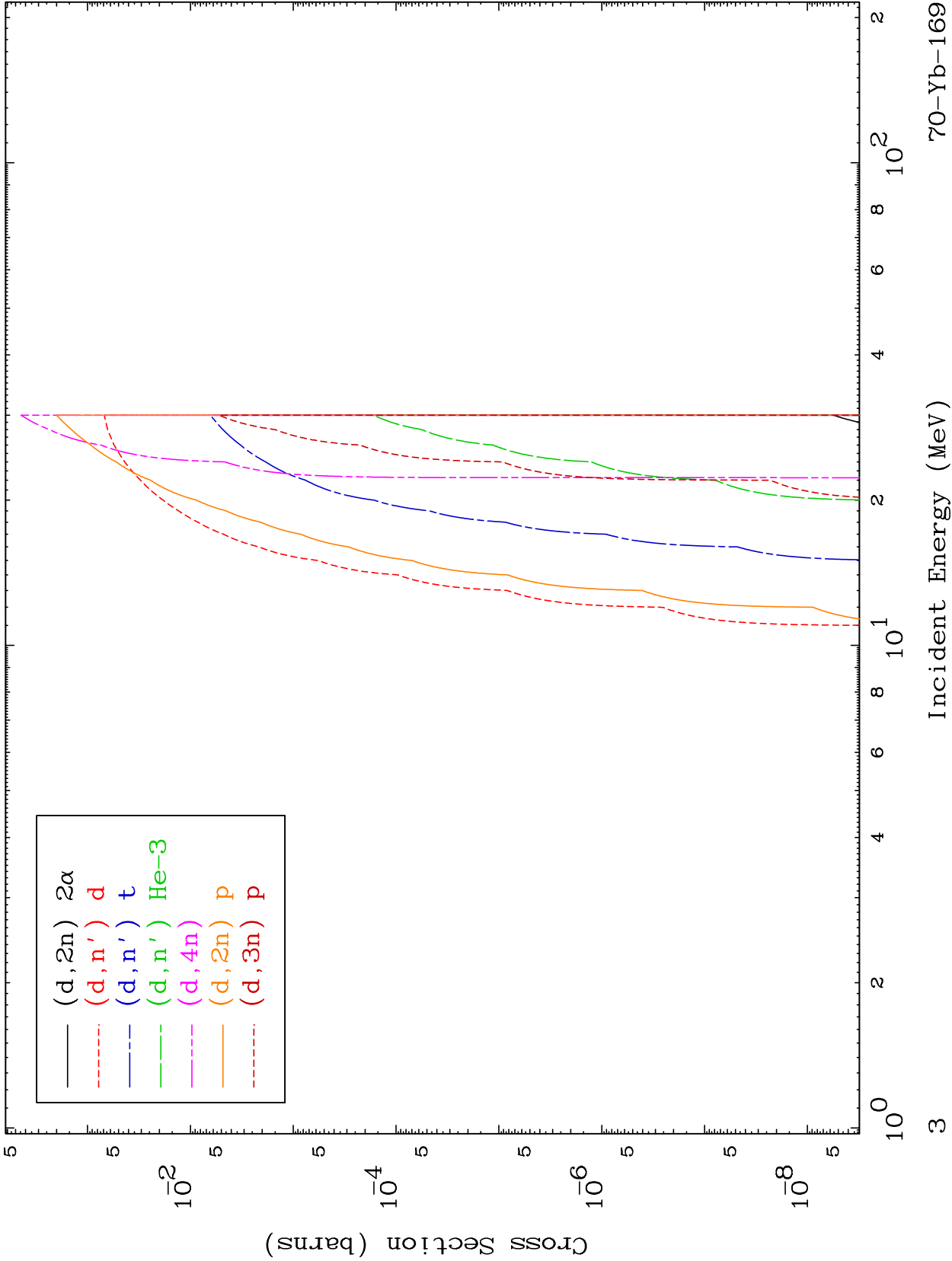


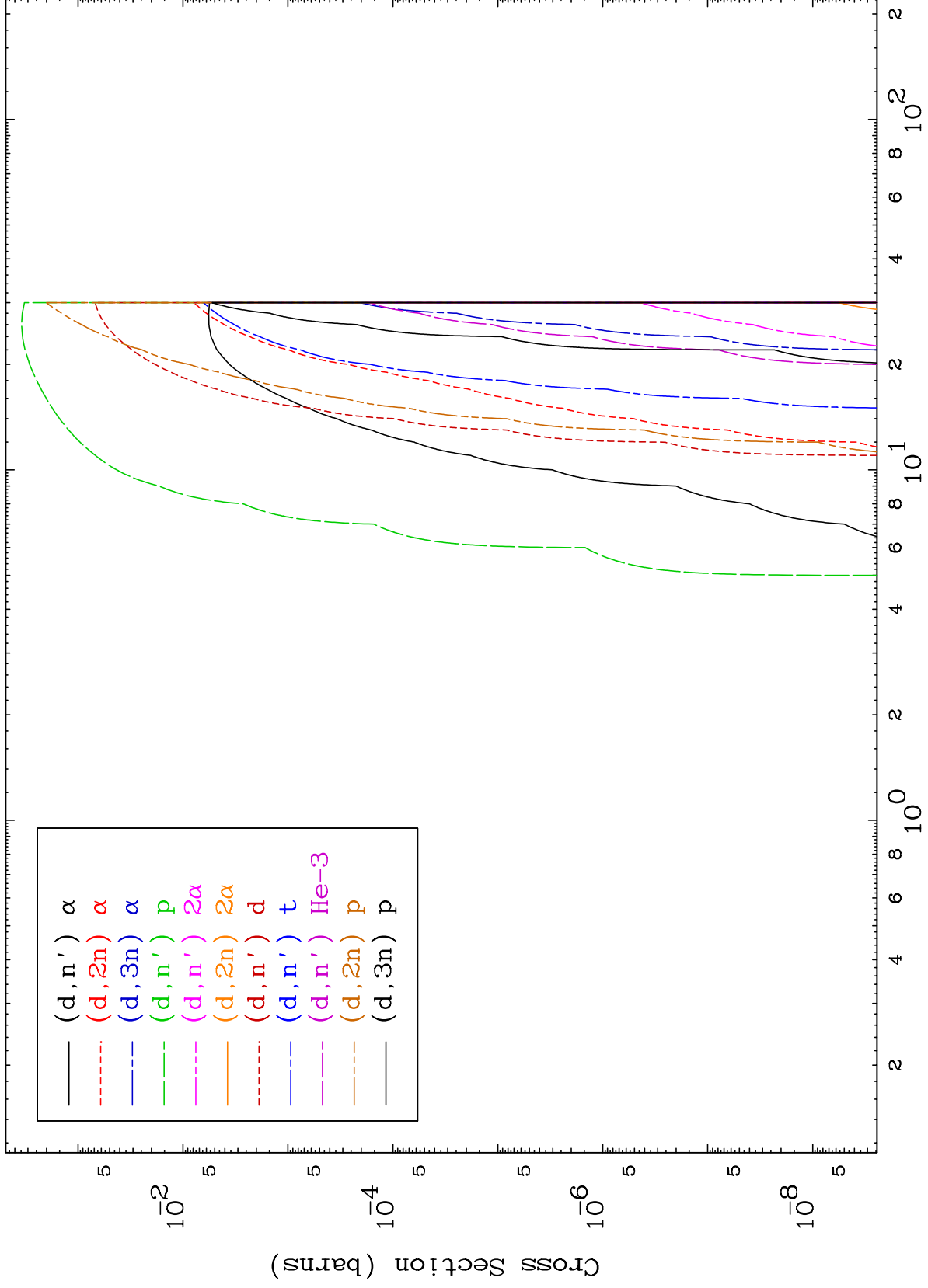
MAT 7028

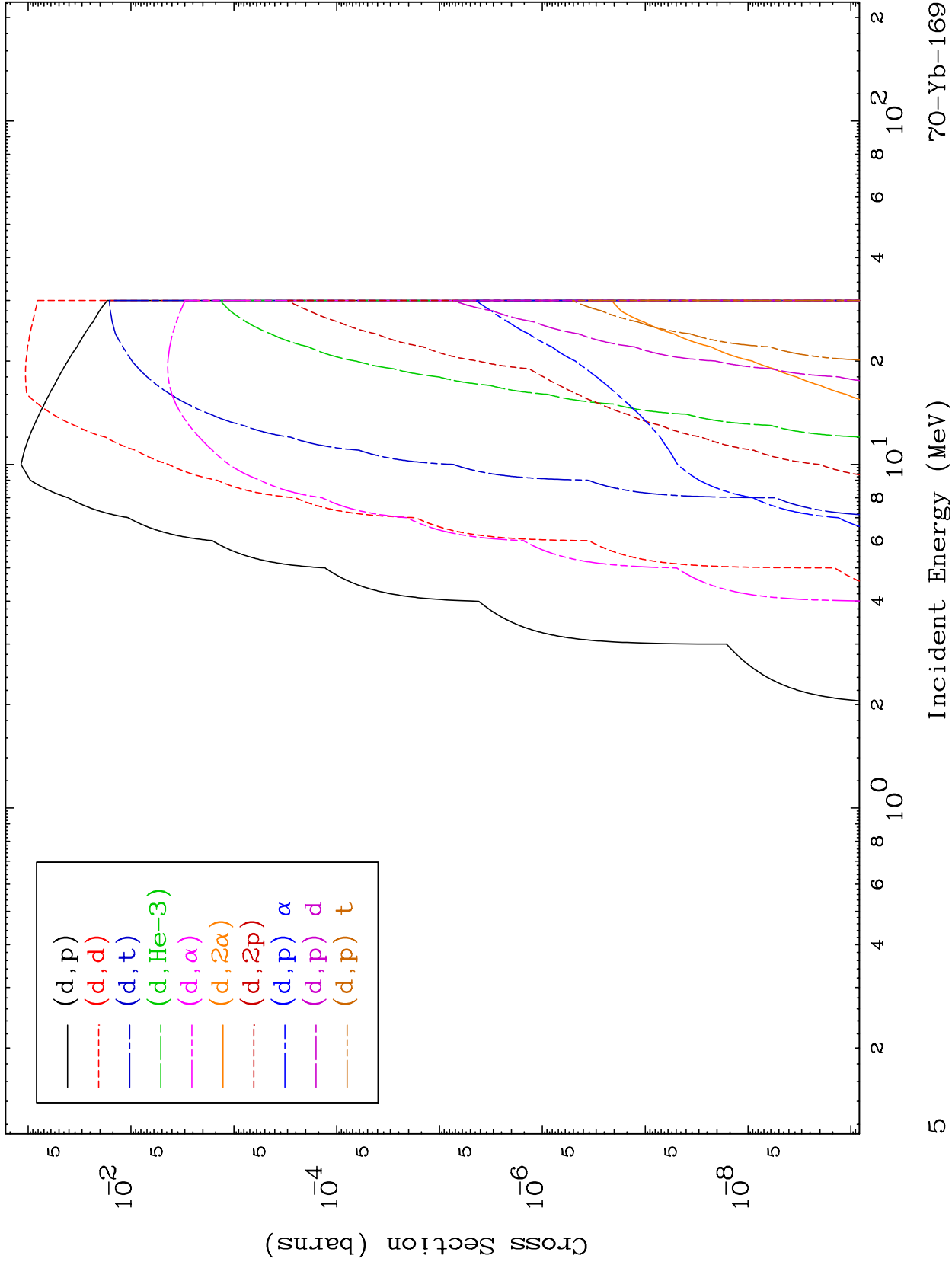
Deuteron Neutron Production  
0 Kelvin Cross Sections

70-Yb-169







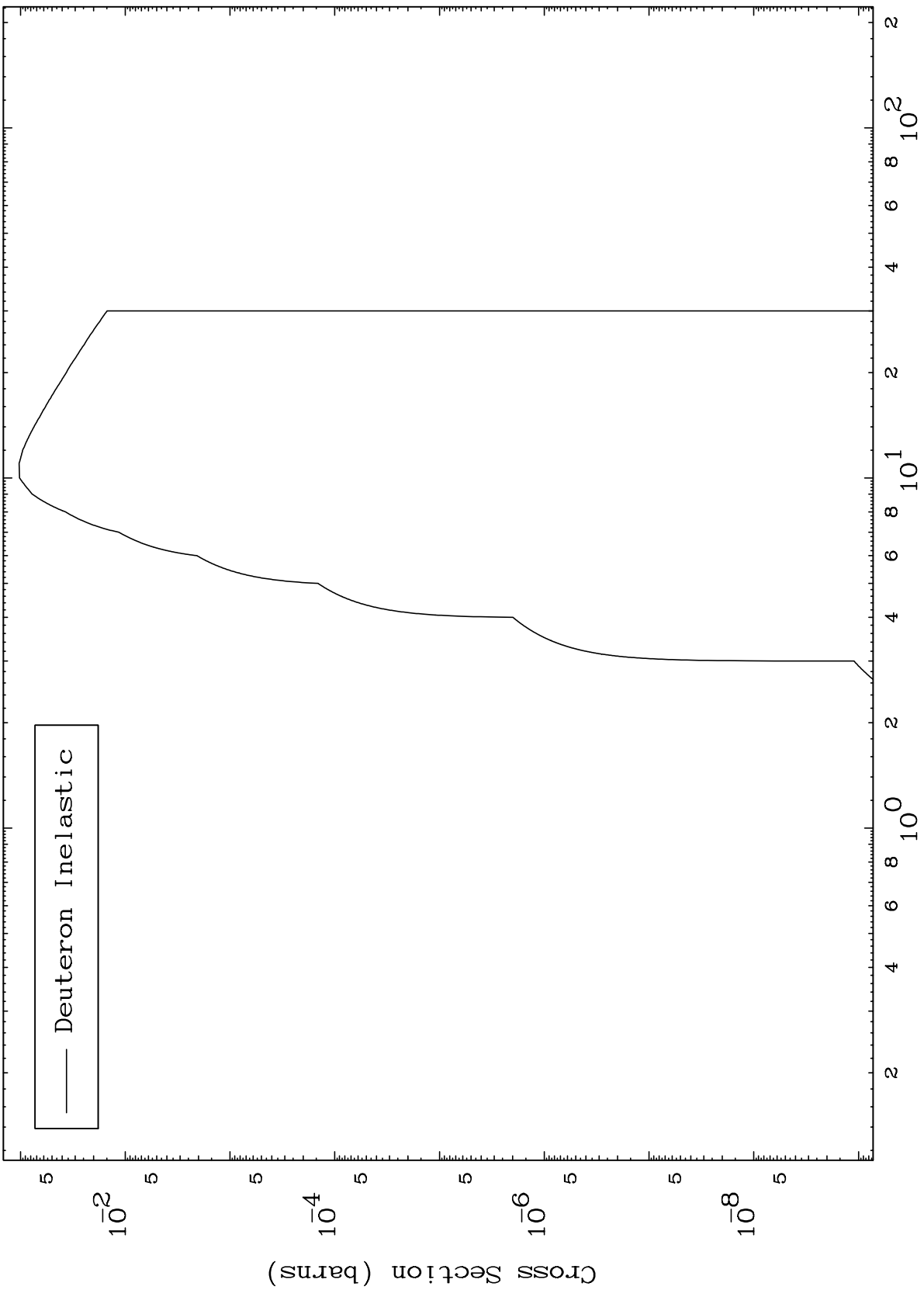


MAT 7028

(d,n') Level

70-Yb-169

0 Kelvin Cross Sections



6

Incident Energy (MeV)

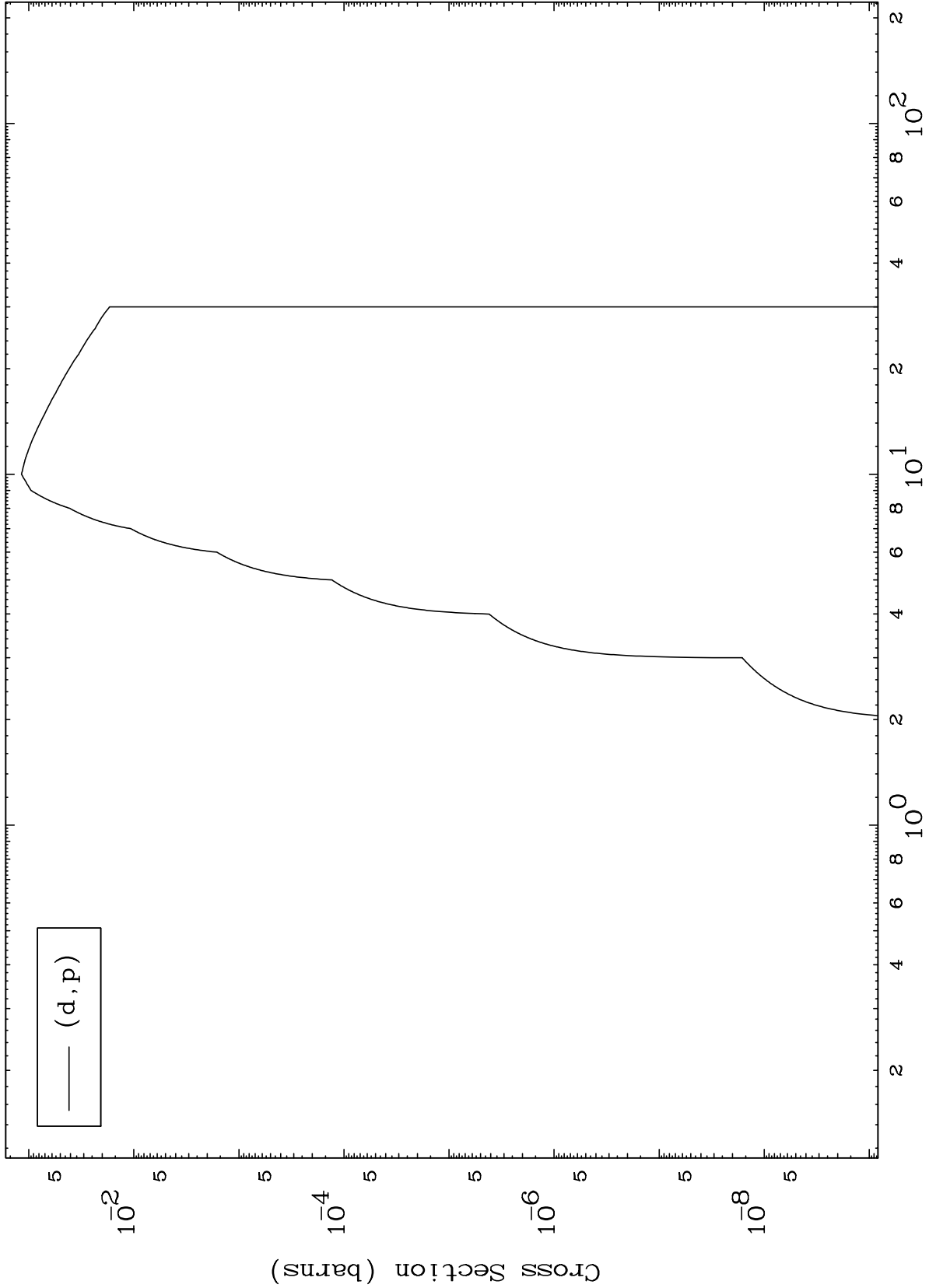
70-Yb-169

MAT 7028

(d,p) Levels

70-Yb-169

0 Kelvin Cross Sections



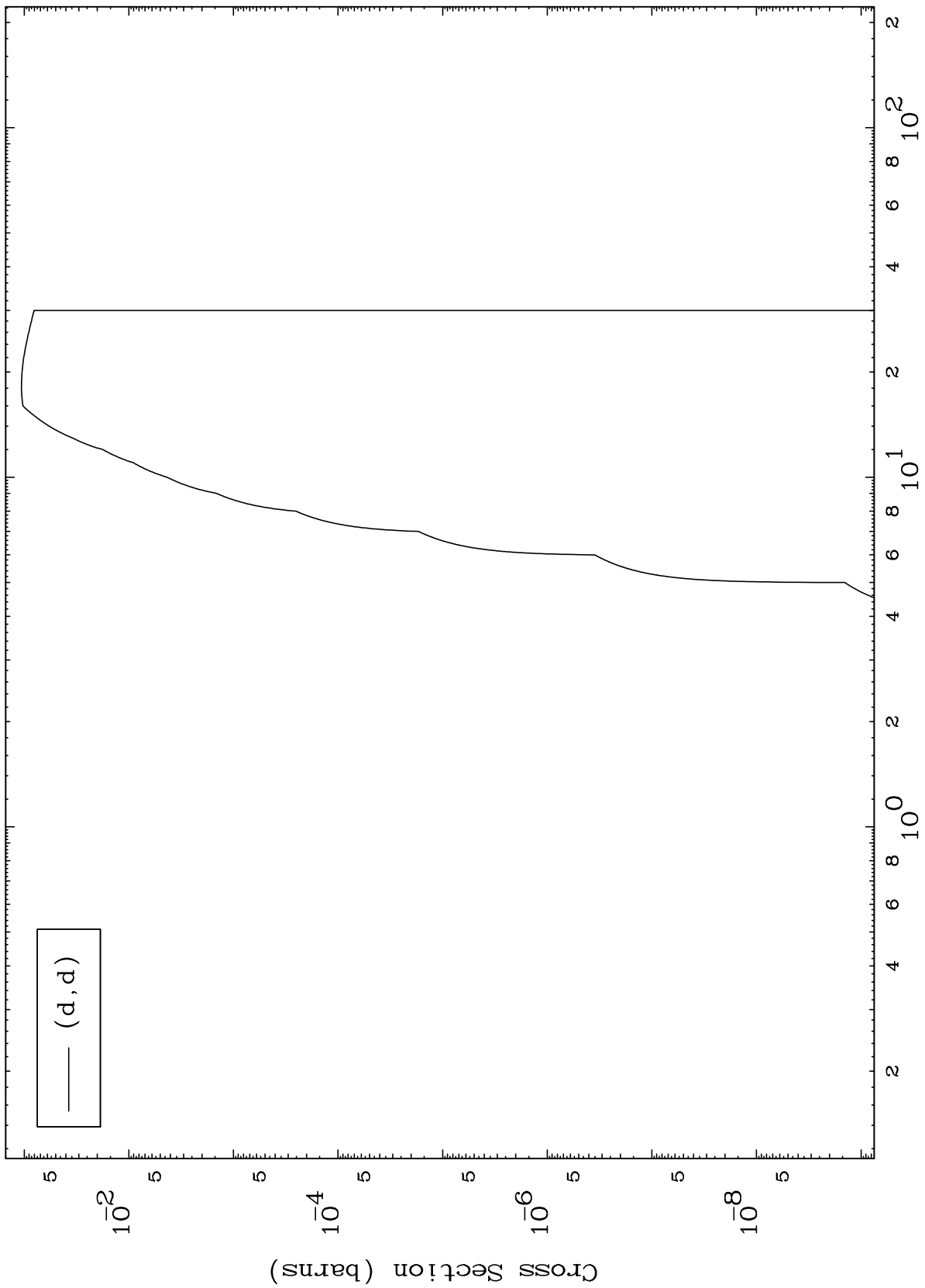


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(d,d) Levels

70-Yb-169

0 Kelvin Cross Sections

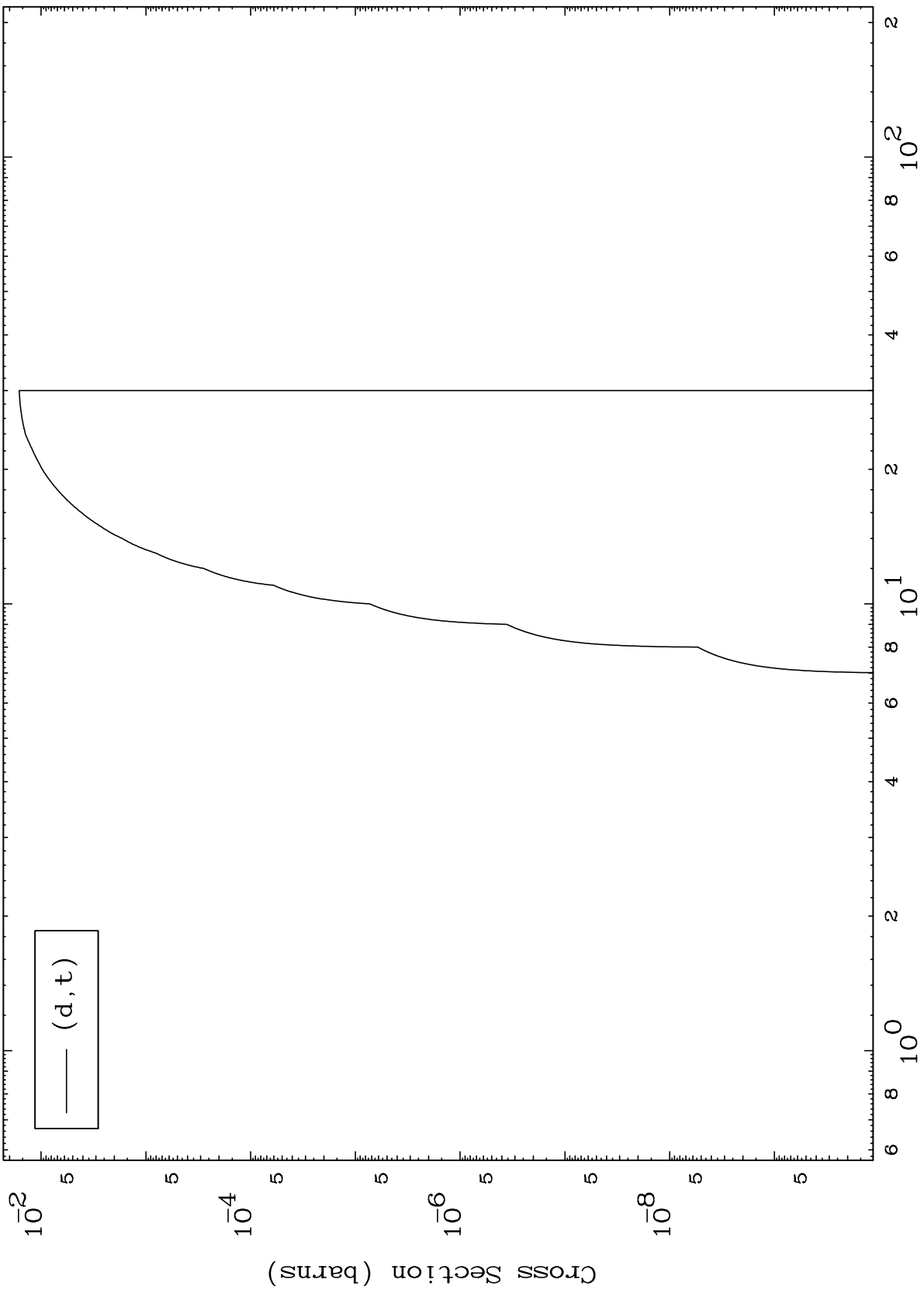


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(d,t) Levels

70-Yb-169

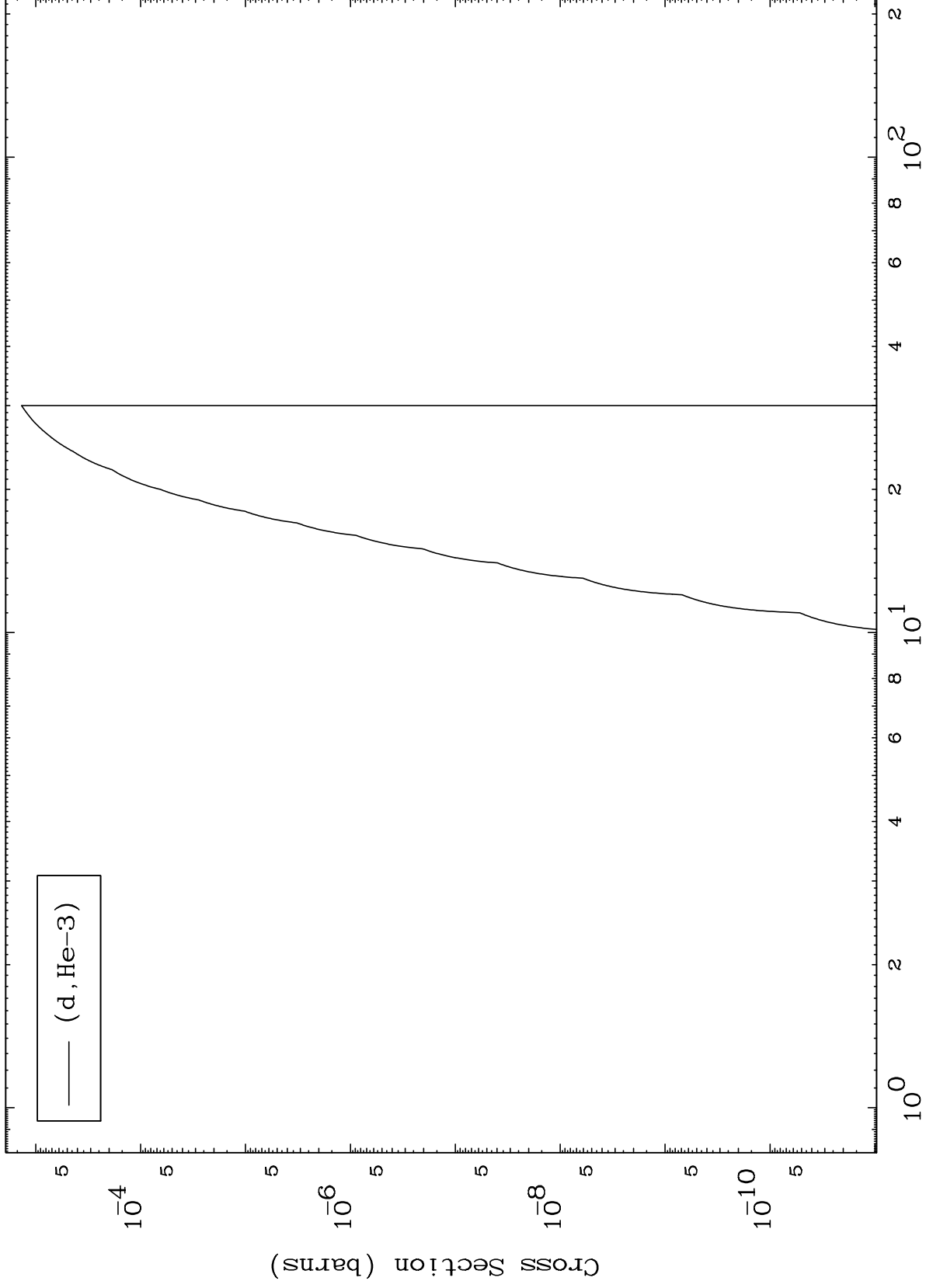
0 Kelvin Cross Sections



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(d,He3) Levels  
0 Kelvin Cross Sections

70-Yb-169



Incident Energy (MeV)

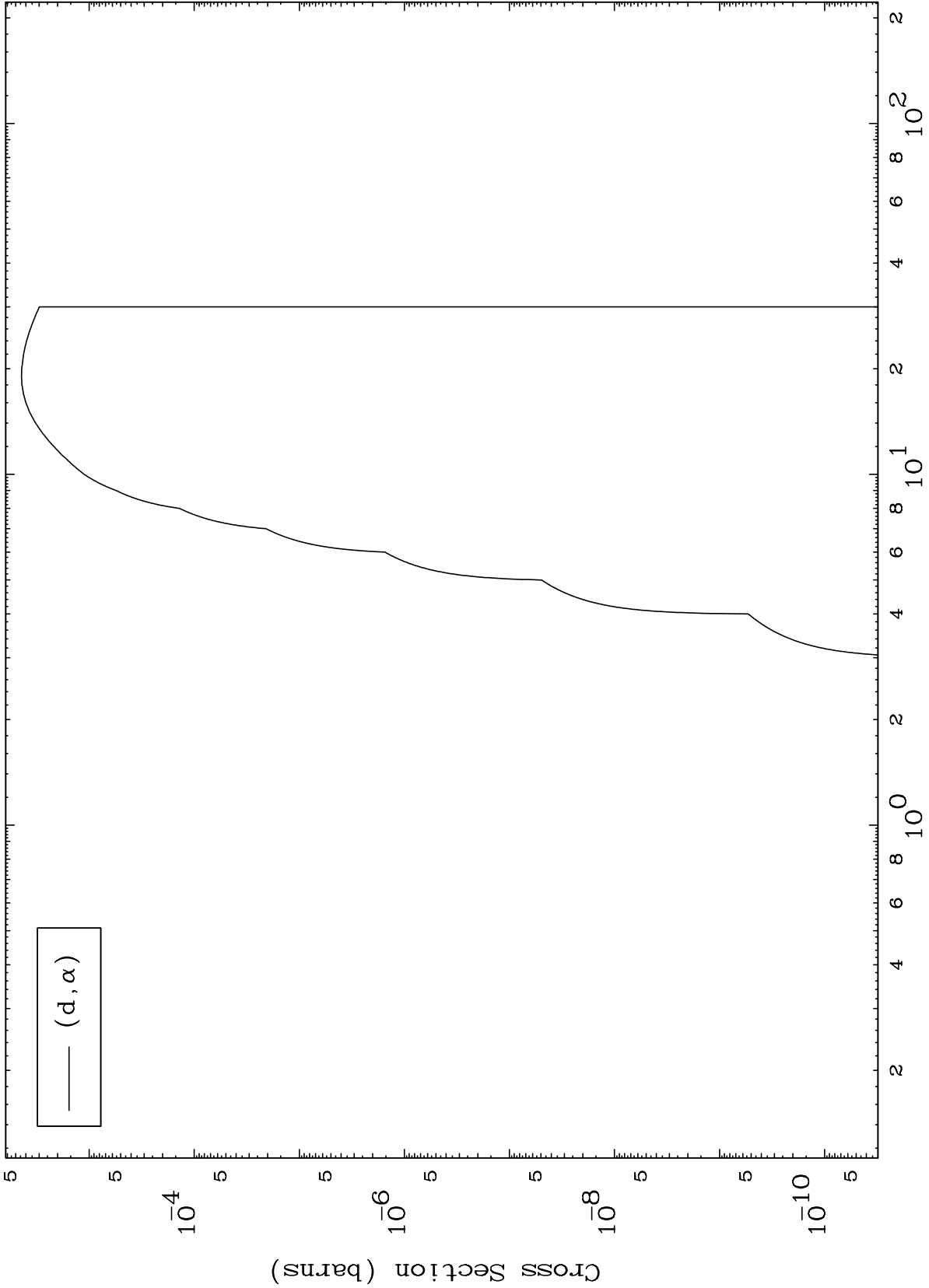
70-Yb-169

MAT 7028

(d,  $\alpha$ ) Levels

70-Yb-169

0 Kelvin Cross Sections

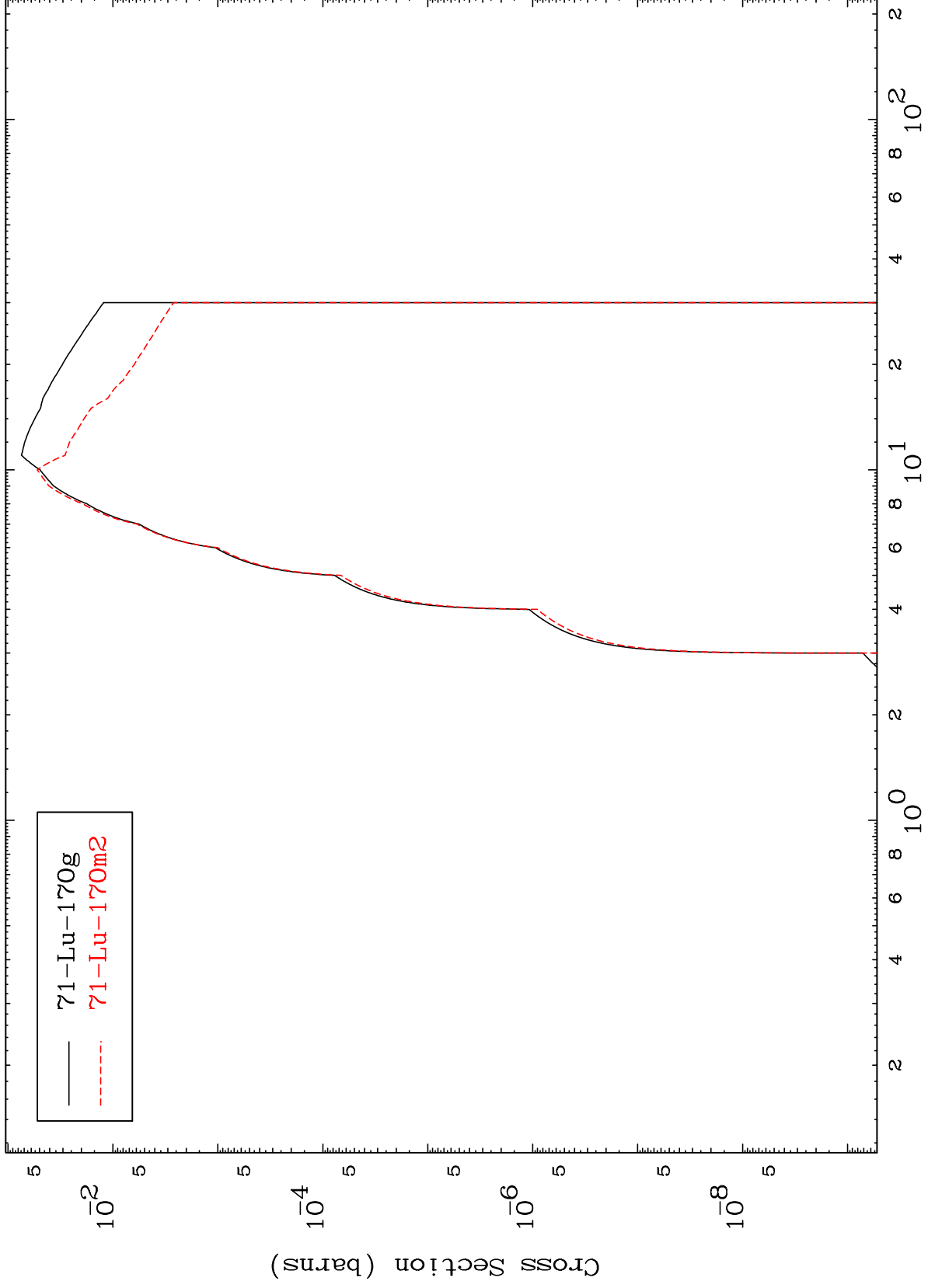


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Deuteron Inelastic

70-Yb-169

Radionuclide Production Cross Section

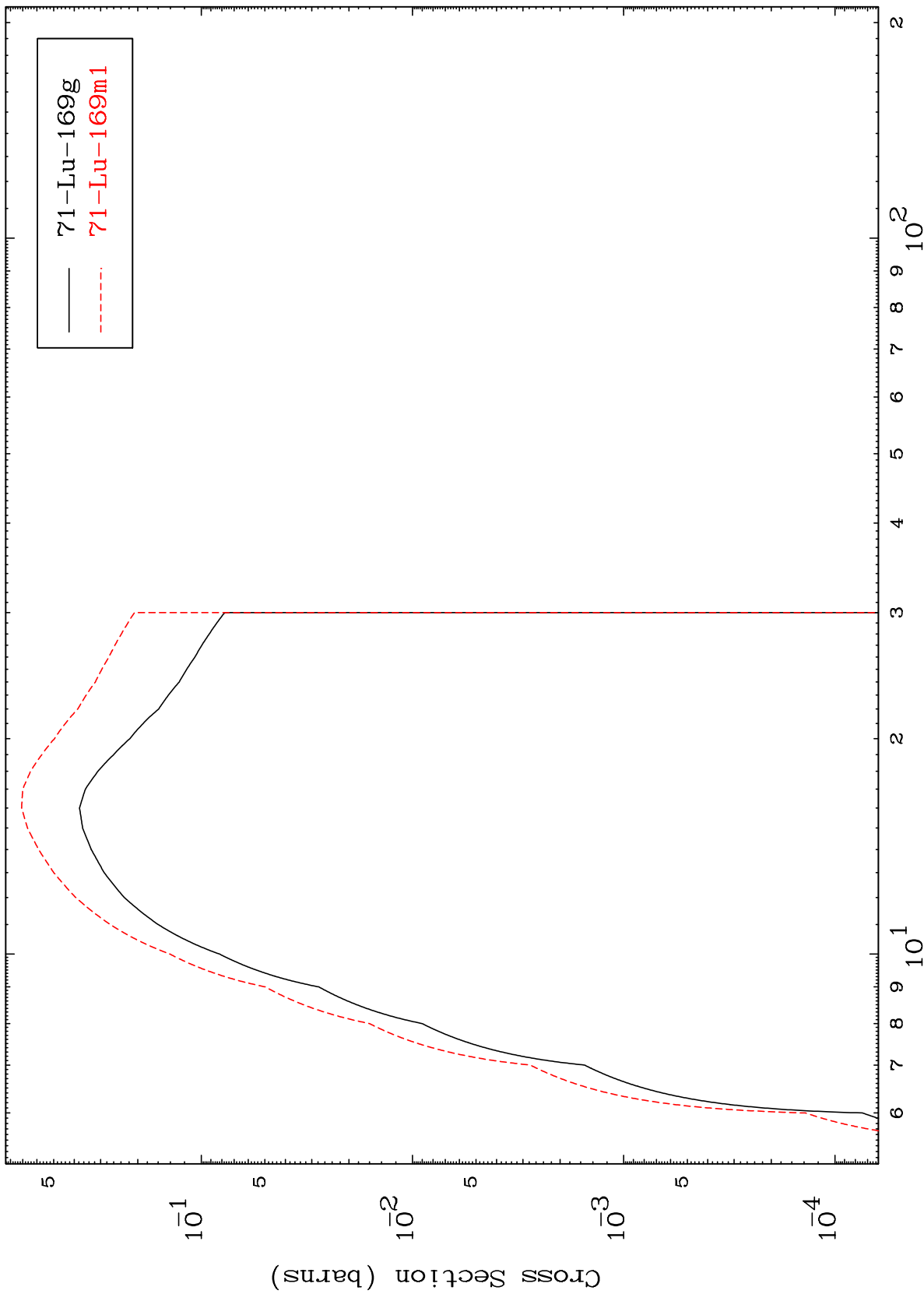


—  $^{71}\text{Lu-170g}$   
- - -  $^{71}\text{Lu-170m2}$

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70-Yb-169

(d,2n)  
Radionuclide Production Cross Section



13

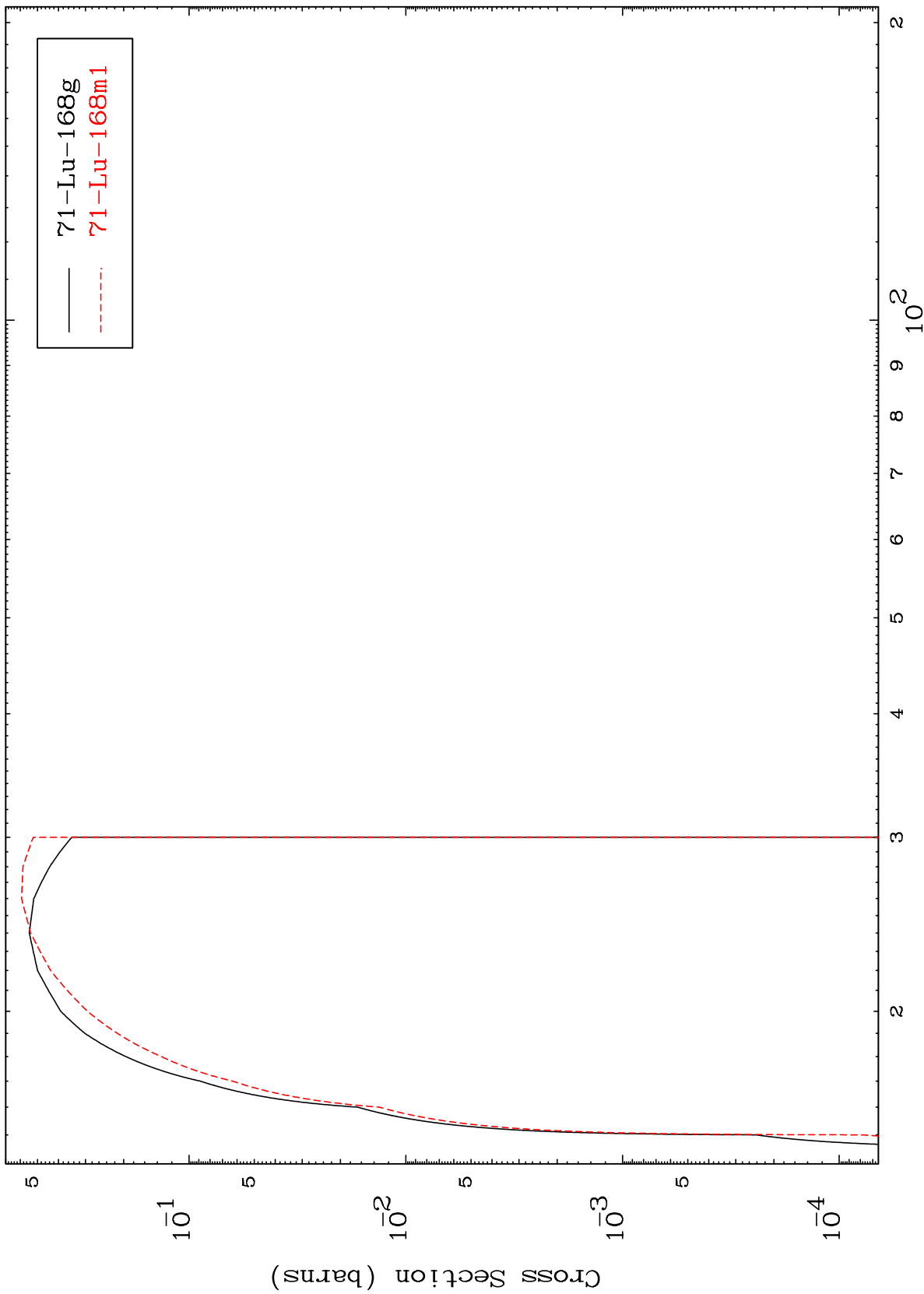
Incident Energy (MeV)

70-Yb-169

MAT 7028

70-Yb-169

(d,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

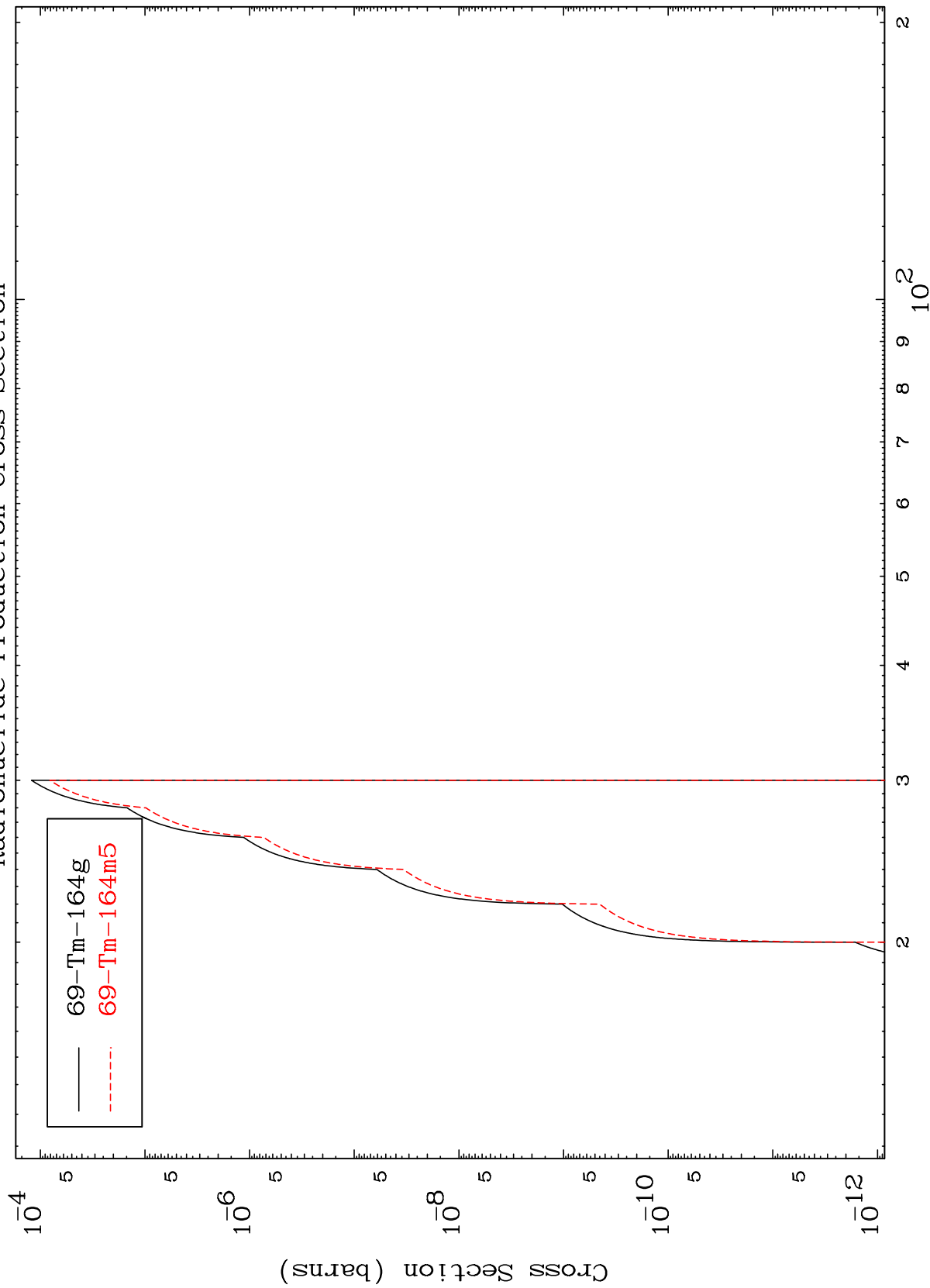
70-Yb-169

MAT 7028

70-Yb-169

(d,3n)  $\alpha$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

70-Yb-169

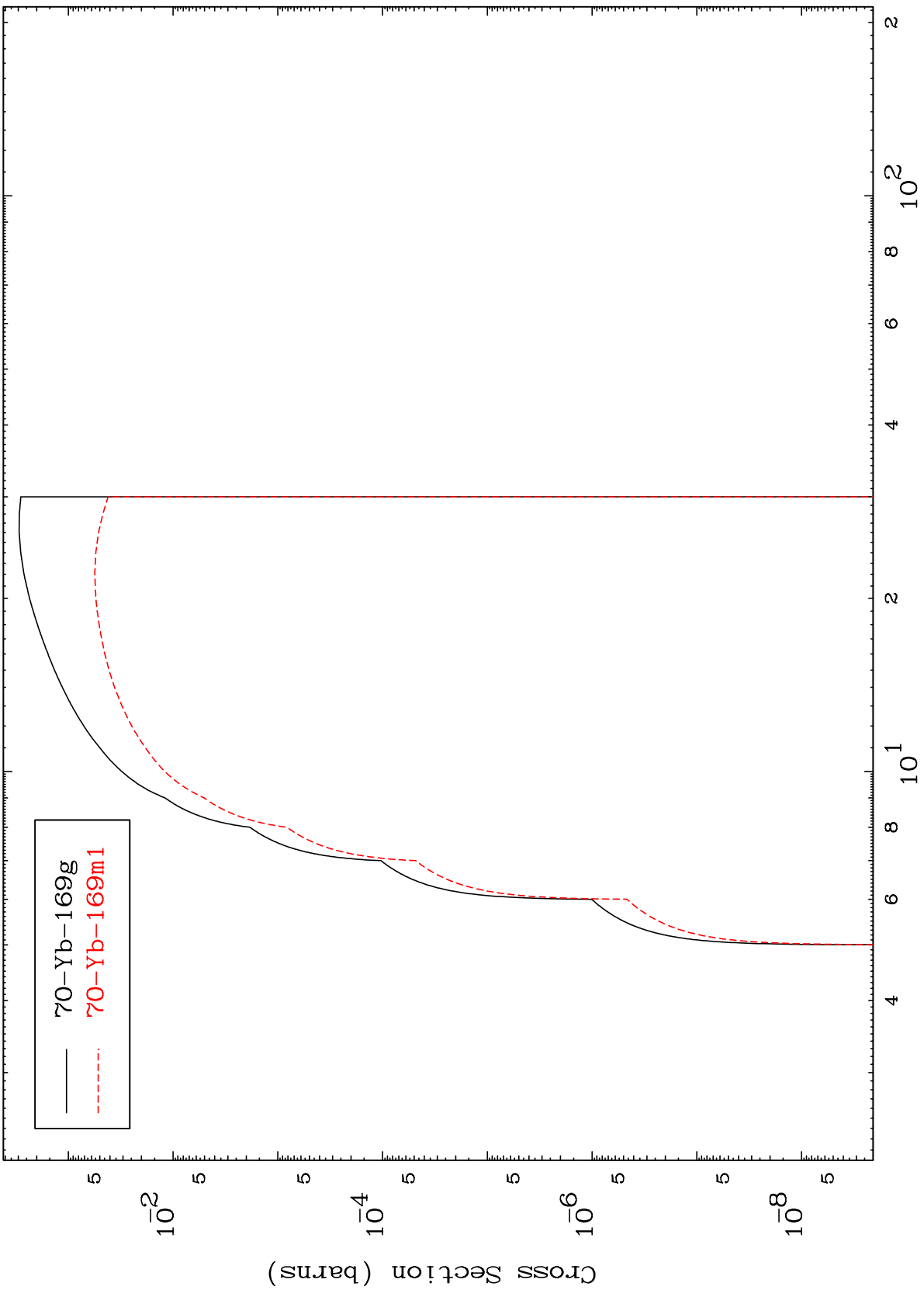


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(d,n') p

<sup>70</sup>Yb-169

Radionuclide Production Cross Section

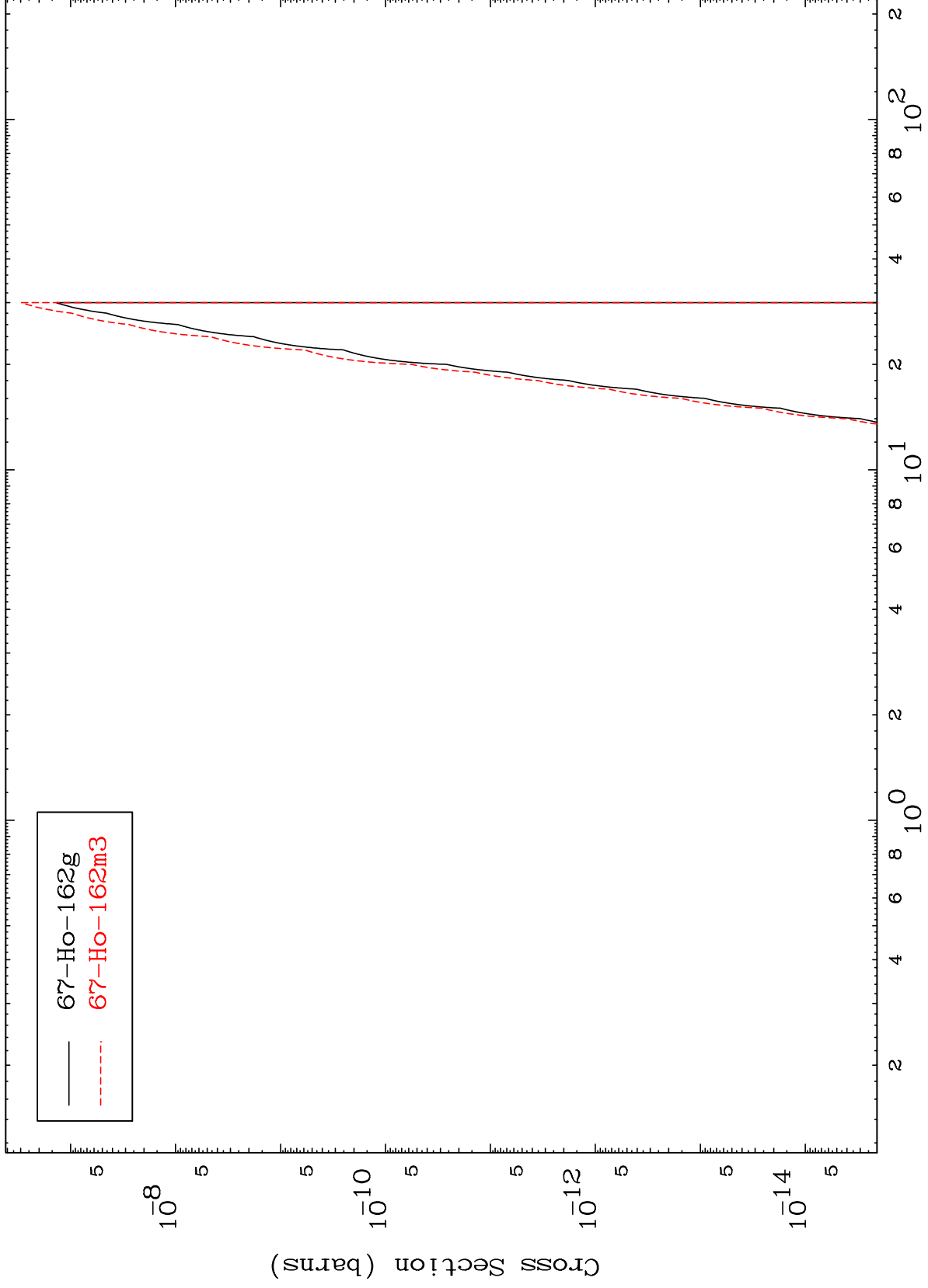


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(d,n') 2 $\alpha$

70-Yb-169

Radionuclide Production Cross Section

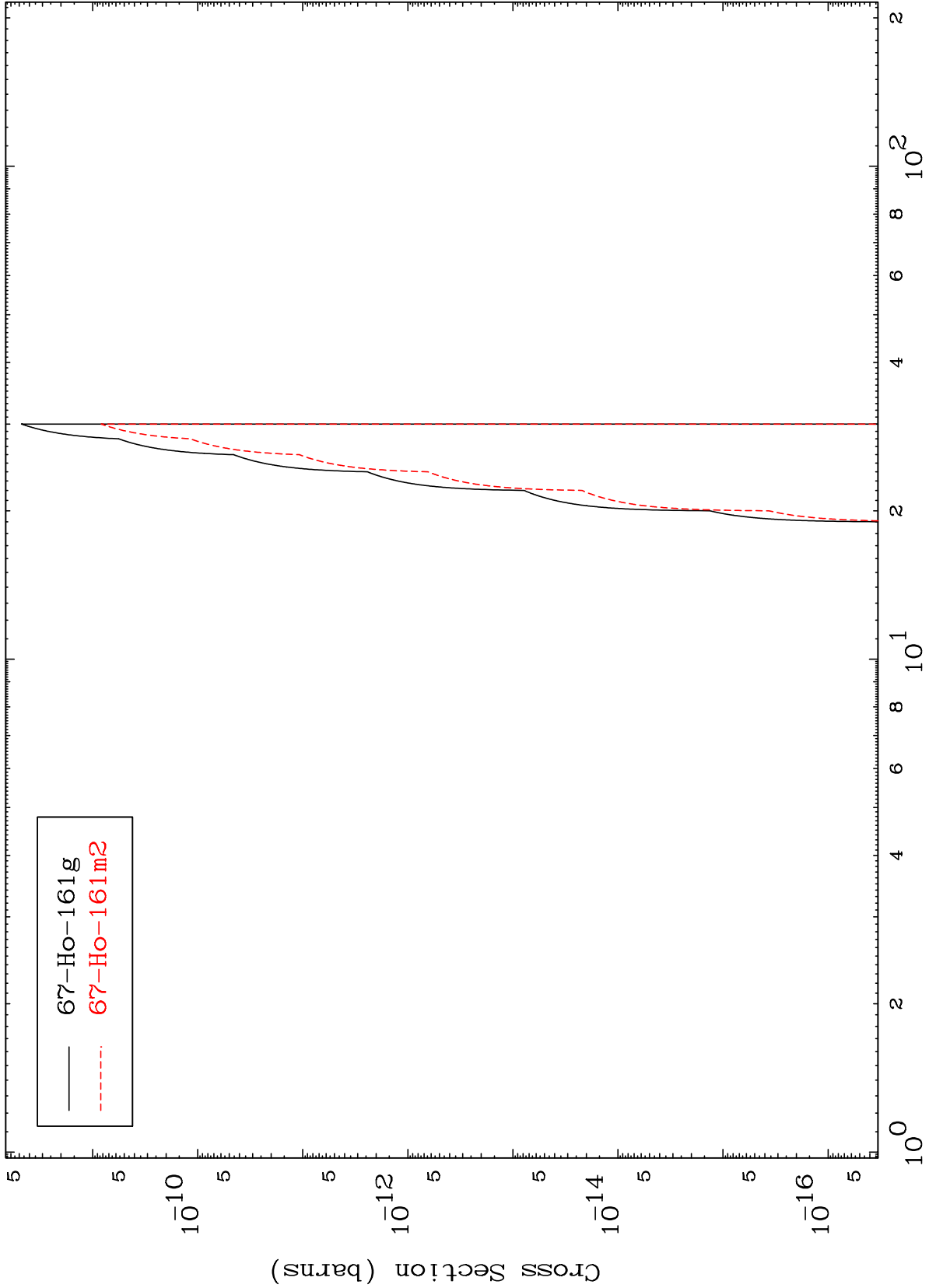


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(d,2n) 2α

70-Yb-169

Radionuclide Production Cross Section

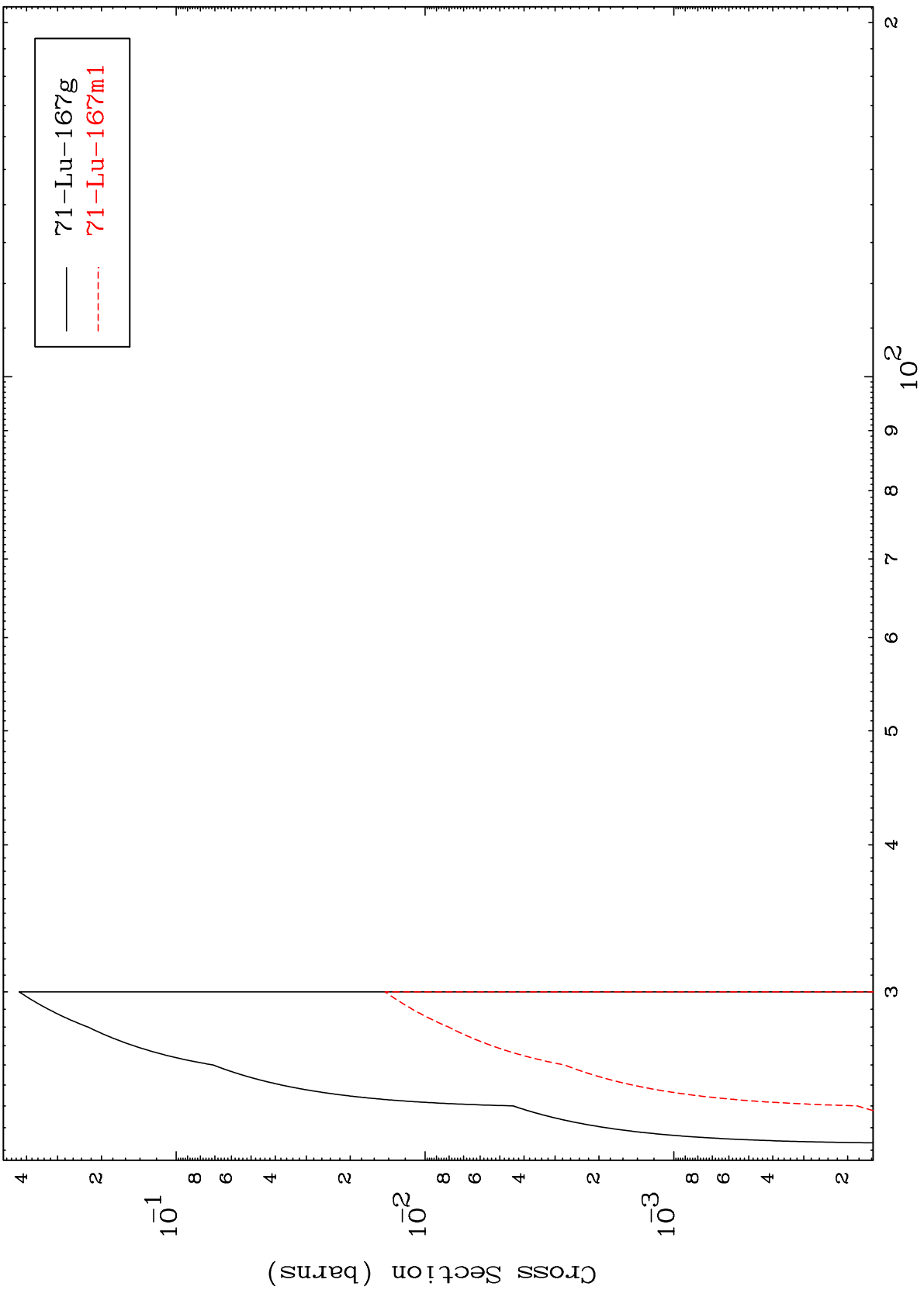


18

Incident Energy (MeV)

70-Yb-169

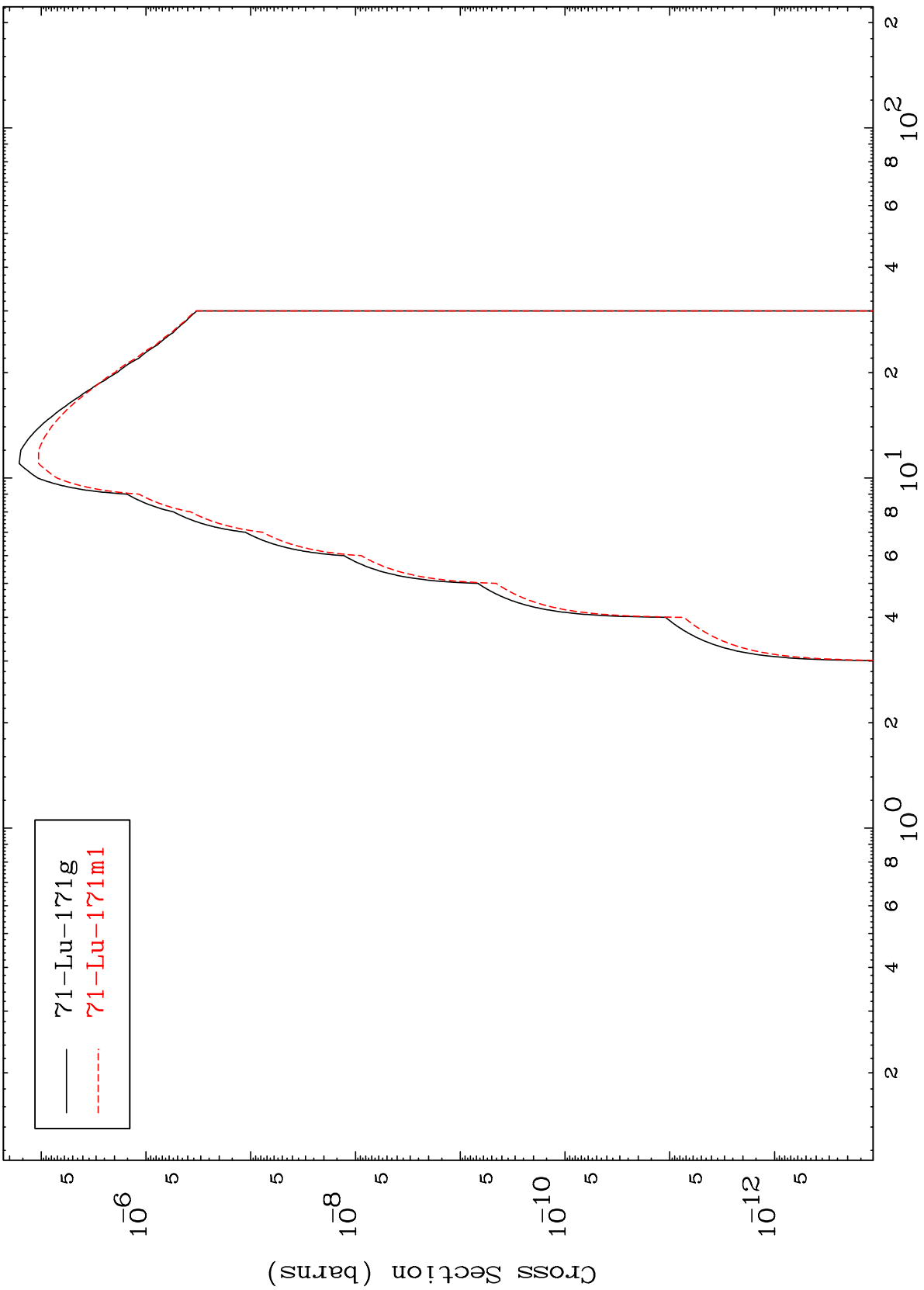
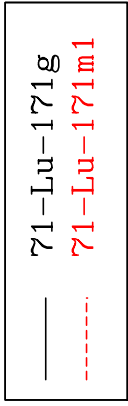
(d,4n)  
Radionuclide Production Cross Section



MAT 7028

70-Yb-169

Radionuclide Production Cross Section



20

Incident Energy (MeV)

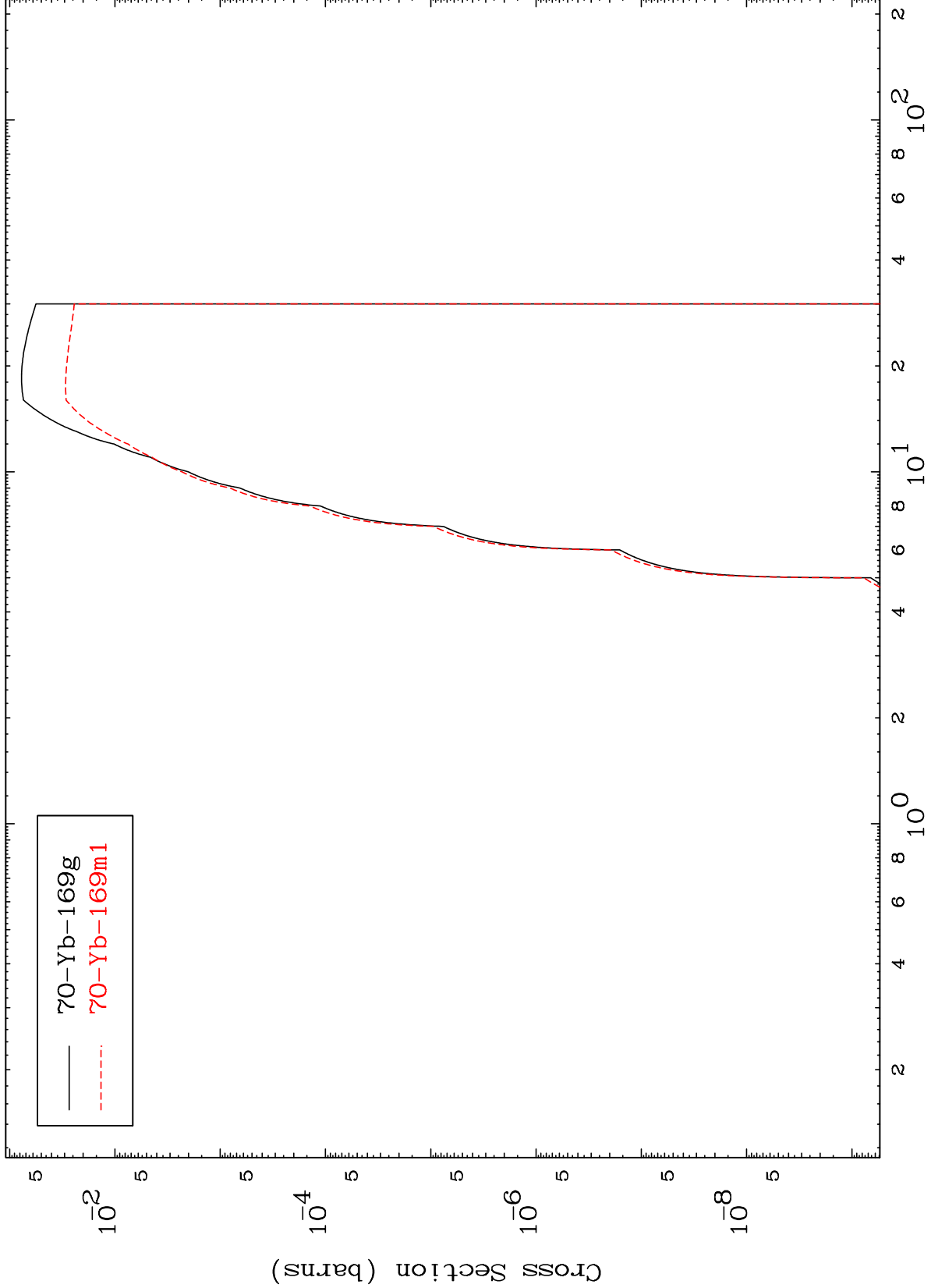
70-Yb-169

MAT 7028

(d,d)

<sup>70</sup>Yb-169

Radionuclide Production Cross Section



— 70-Yb-169g  
- - - 70-Yb-169m1

MAT 7028

(d,2α)

70-Yb-169

Radionuclide Production Cross Section

