

Program EVALPLOT  
(Version 2018-1)

by

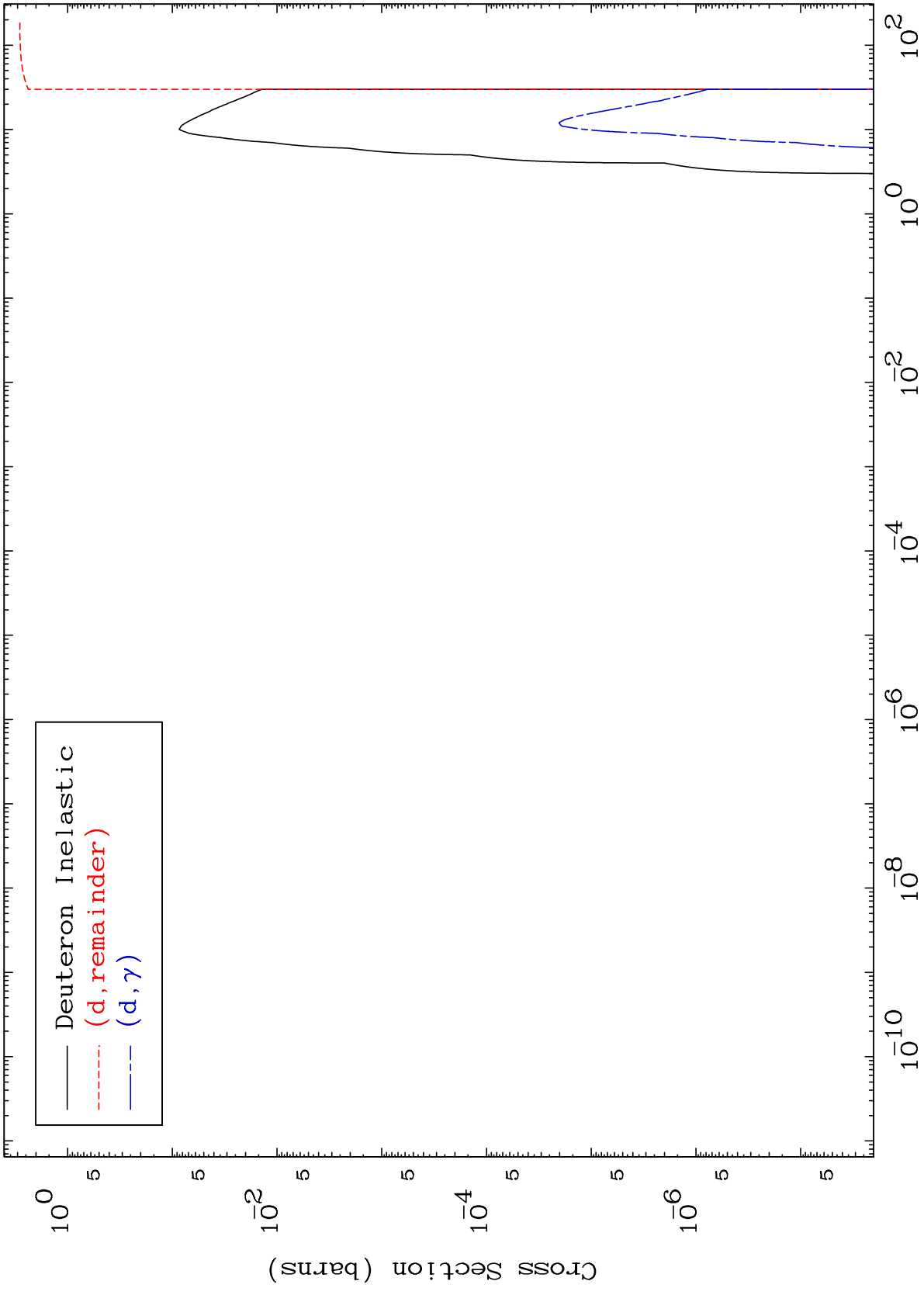
Dermott E. Cullen  
(Present Contact Information)

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Livermore, CA 94550  
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Tele: 925-443-1911

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Web:redcullen1.net/HOMEPAGE.NEW

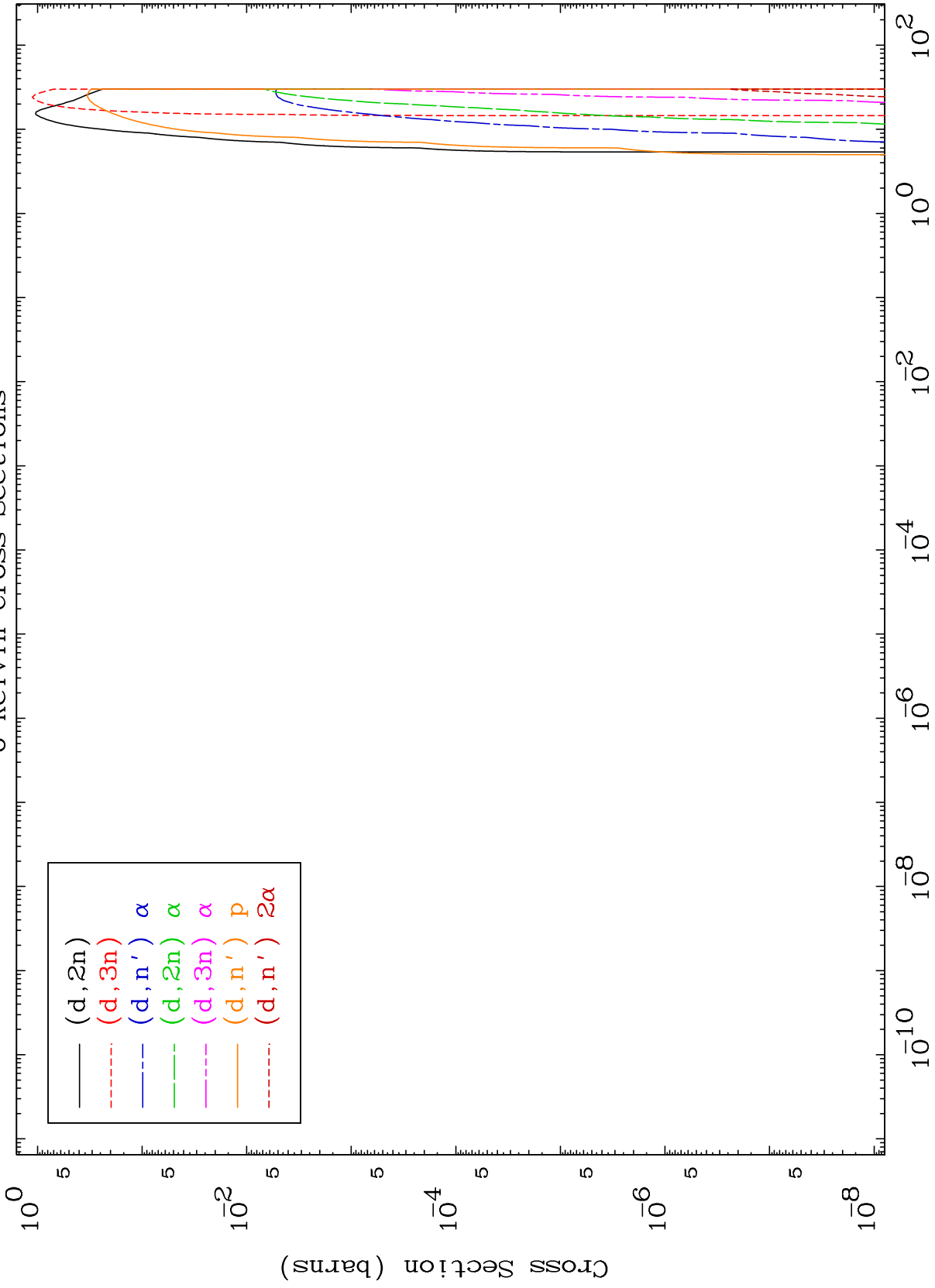
Press Mouse Button to Start



MAT 7028

Deuteron Neutron Production  
0 Kelvin Cross Sections

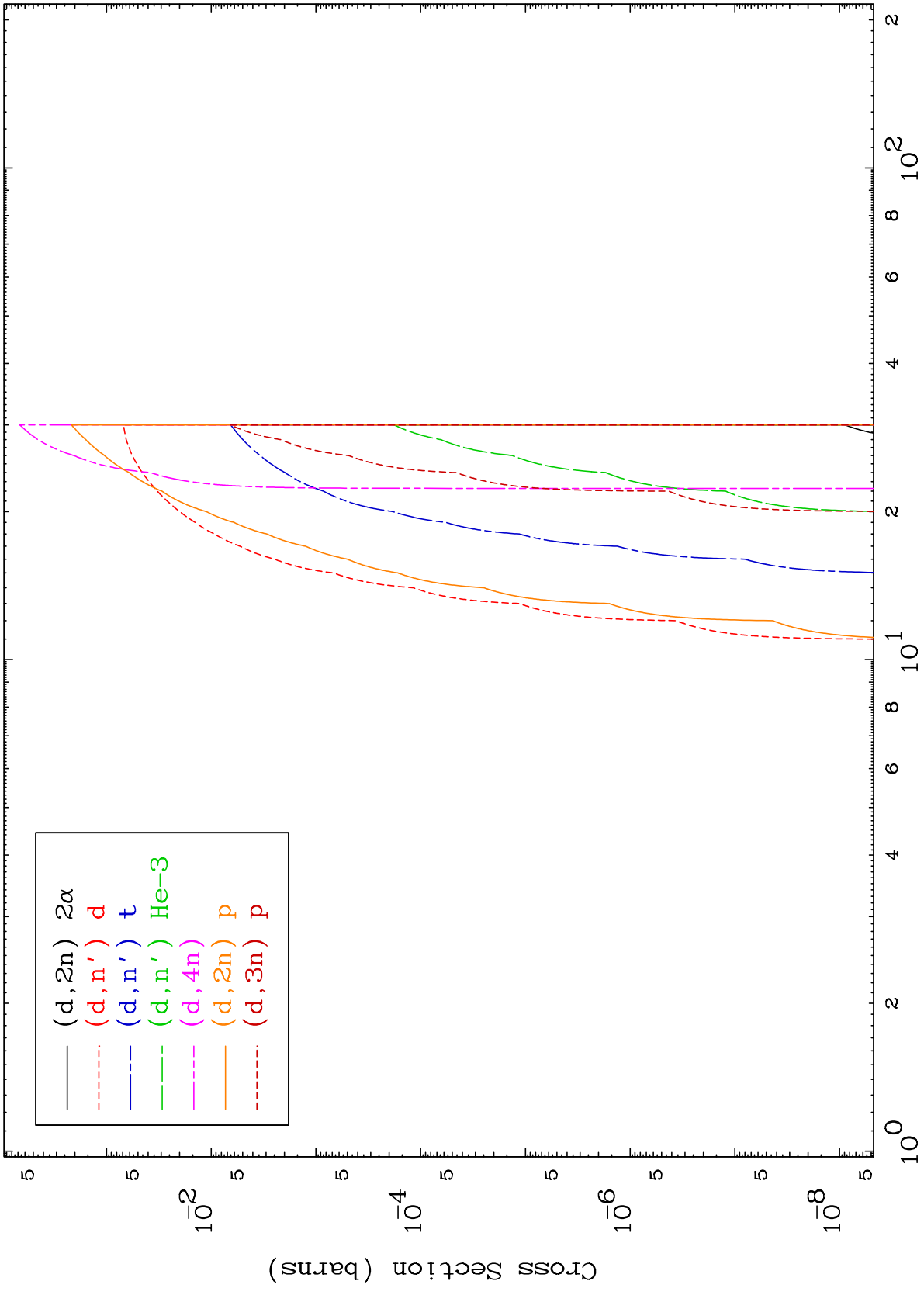
70-Yb-169



2

Incident Energy (MeV)

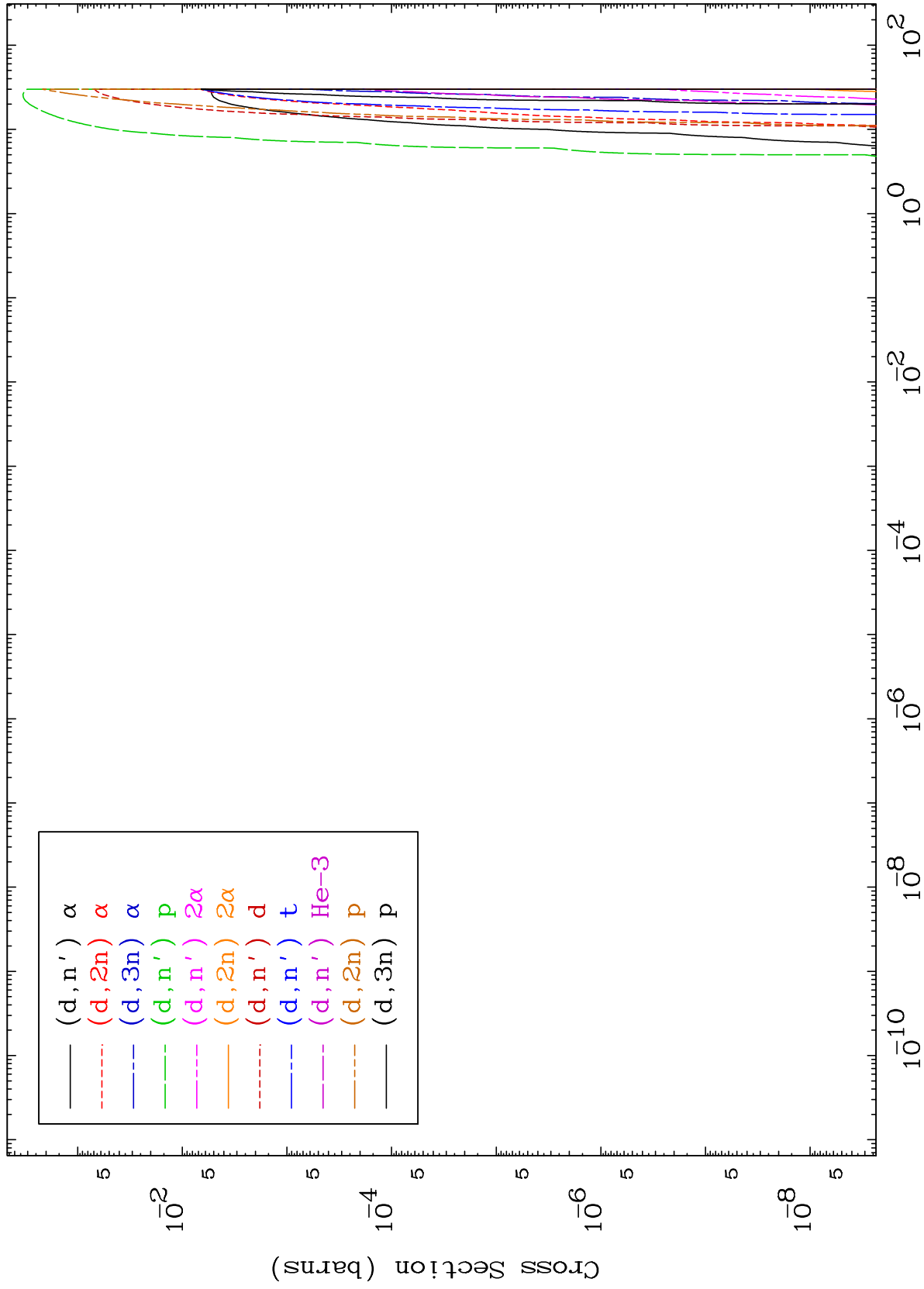
70-Yb-169

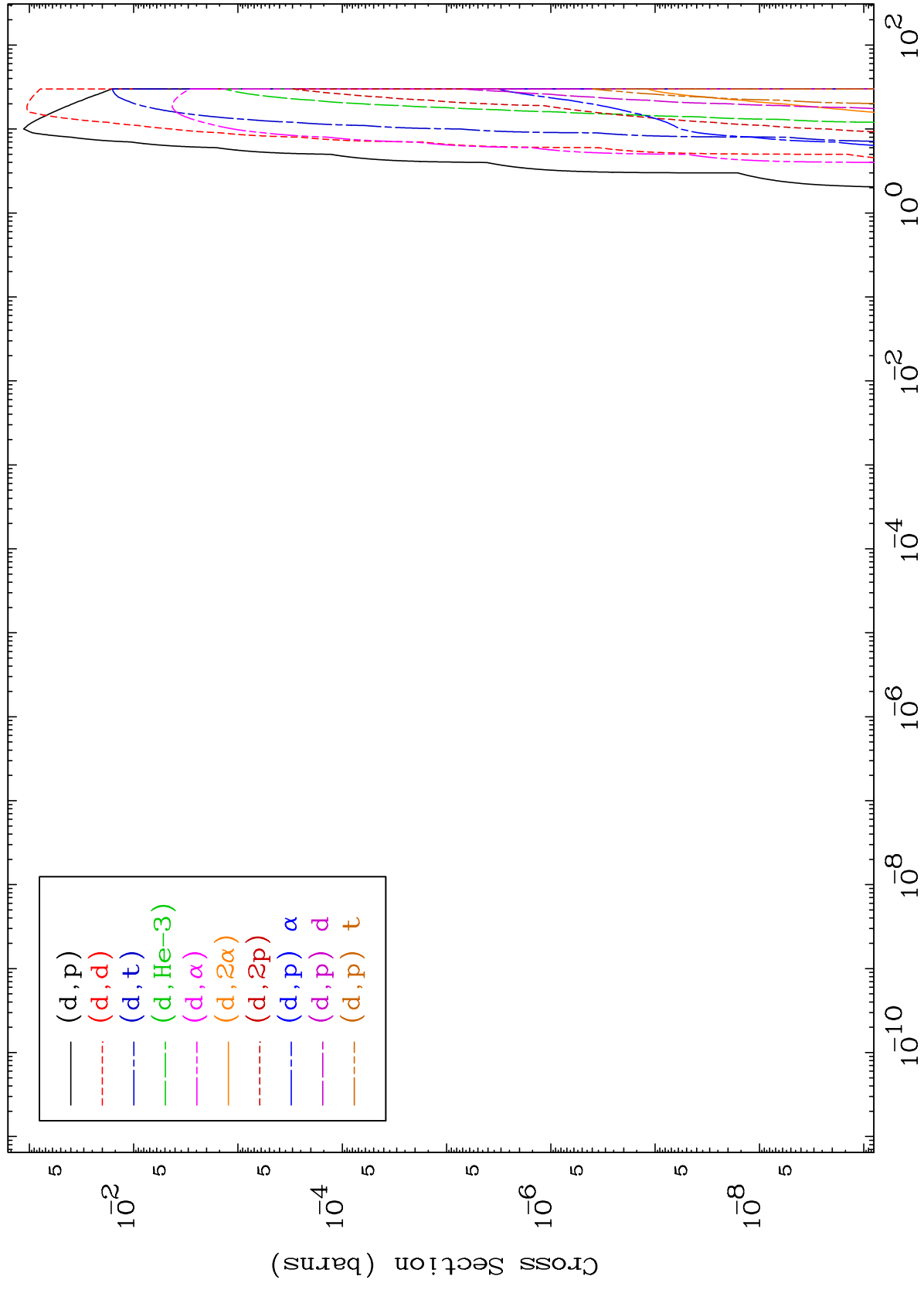


MAT 7028

Deuteron Charged Particle  
0 Kelvin Cross Sections

70-Yb-169

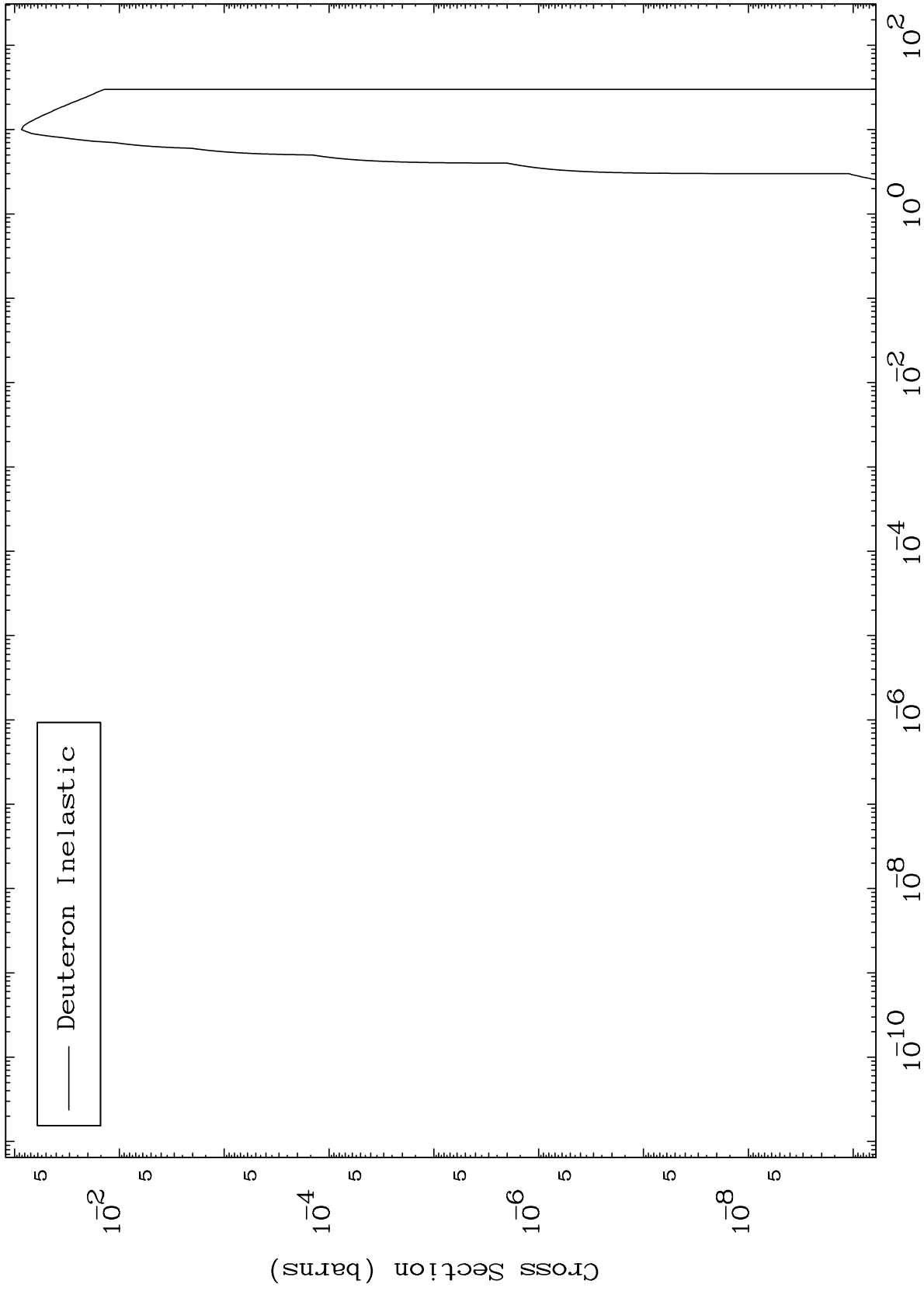




MAT 7028

(d,n') Level  
0 Kelvin Cross Sections

70-Yb-169

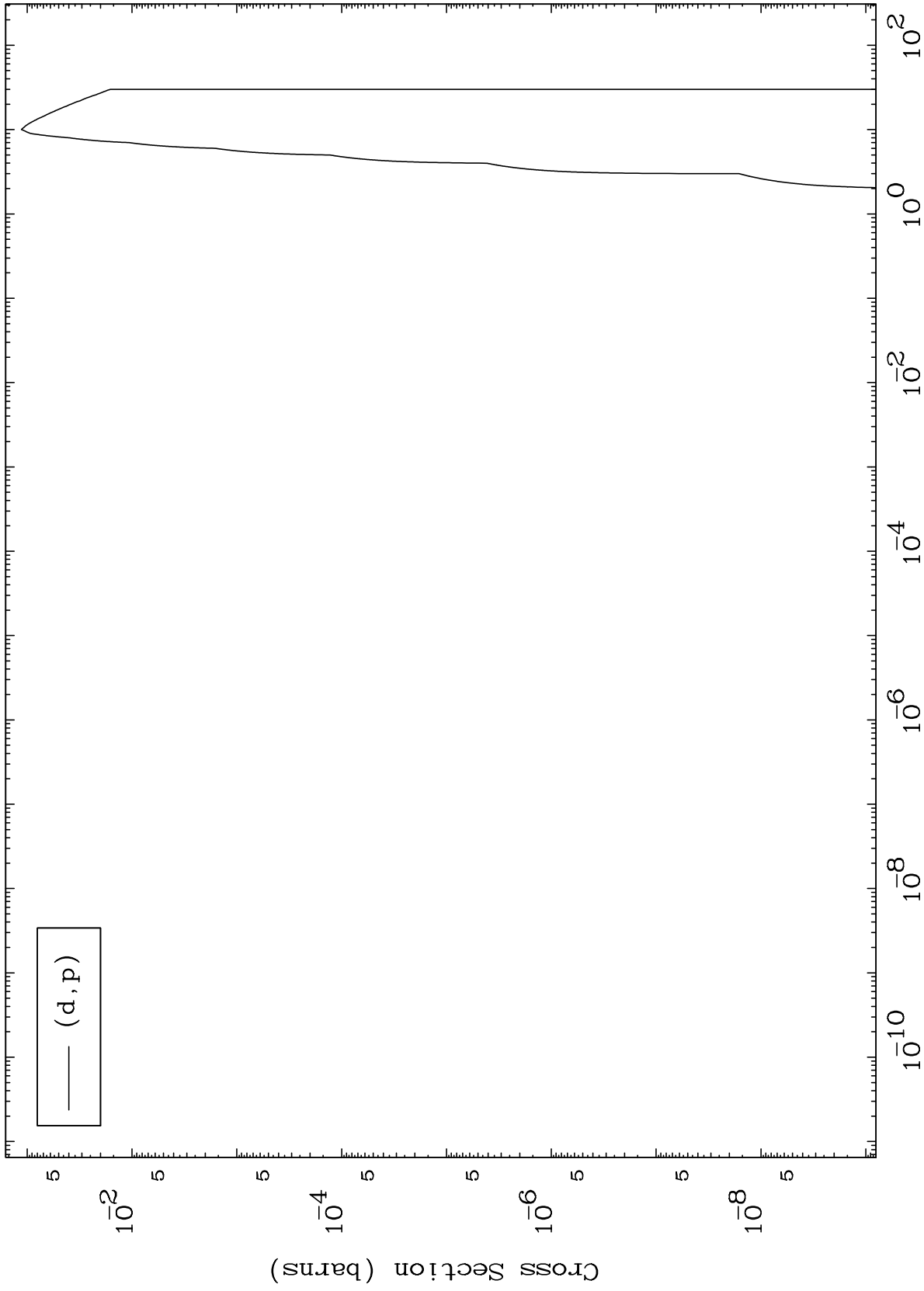


— Deuteron Inelastic

MAT 7028

(d,p) Levels  
0 Kelvin Cross Sections

70-Yb-169



7

Incident Energy (MeV)

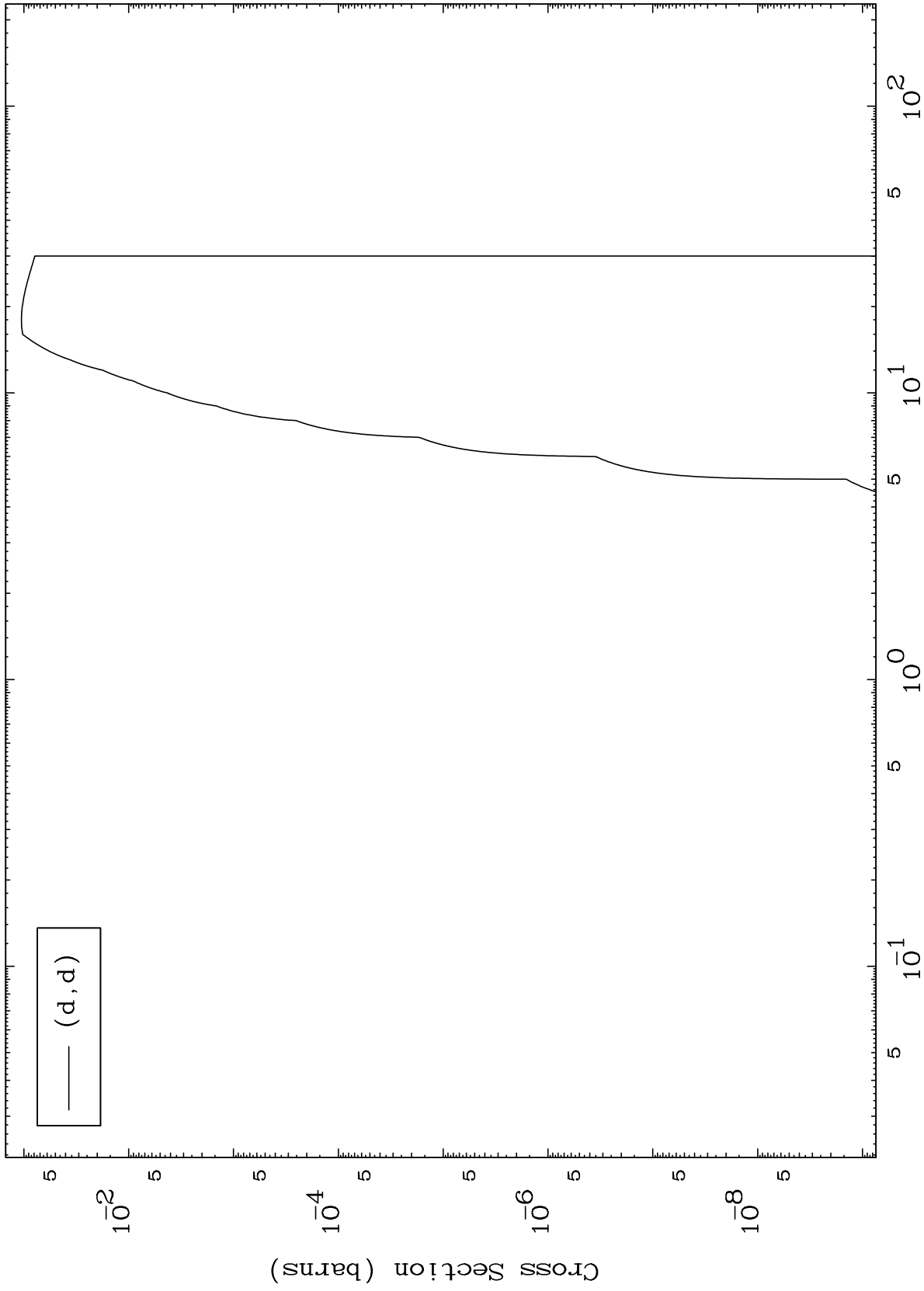
70-Yb-169



MAT 7028

(d,d) Levels  
0 Kelvin Cross Sections

70-Yb-169



8

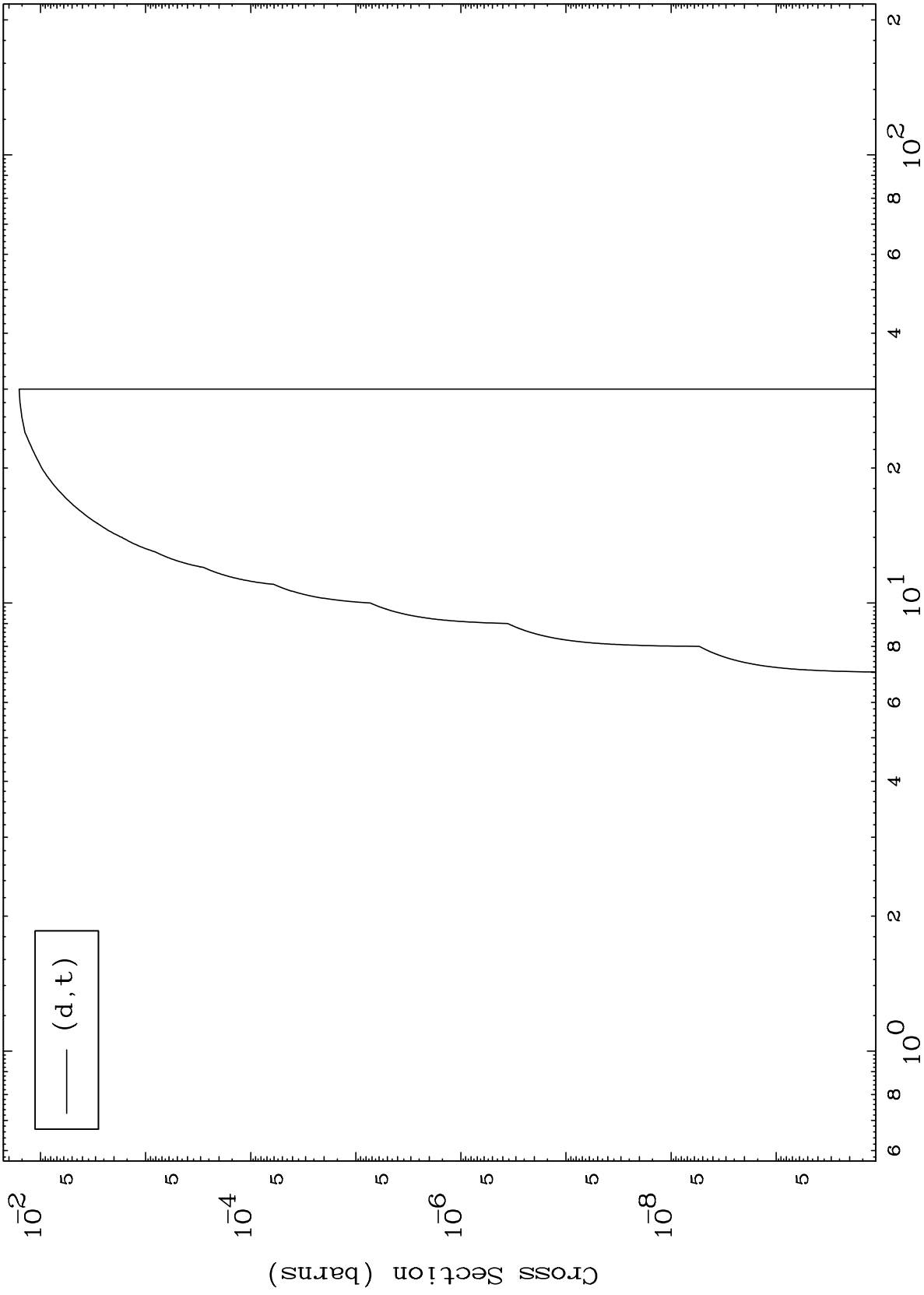
Incident Energy (MeV)

70-Yb-169

MAT 7028

(d,t) Levels  
0 Kelvin Cross Sections

70-Yb-169



9

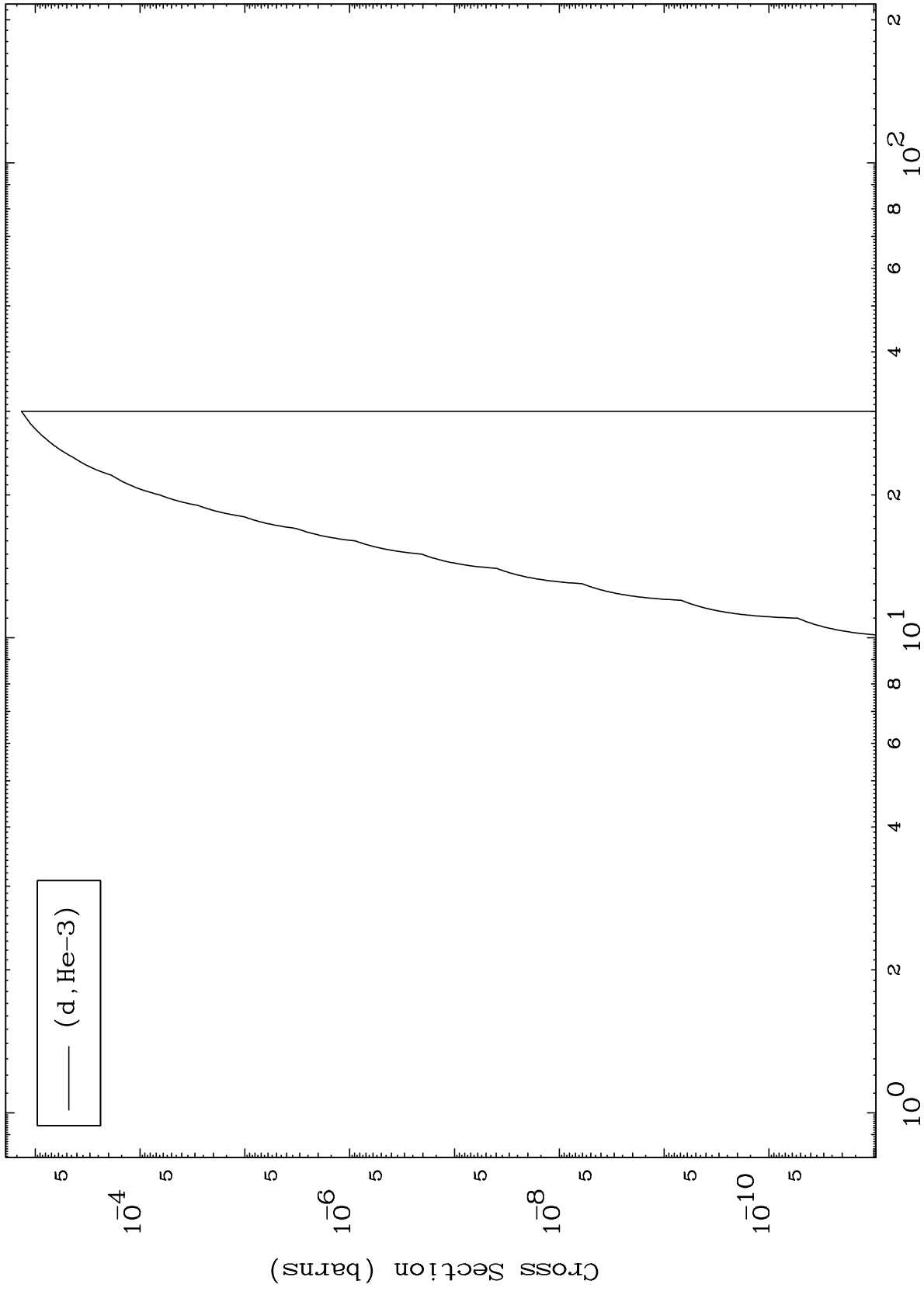
Incident Energy (MeV)

70-Yb-169

MAT 7028

(d,He3) Levels  
0 Kelvin Cross Sections

70-Yb-169



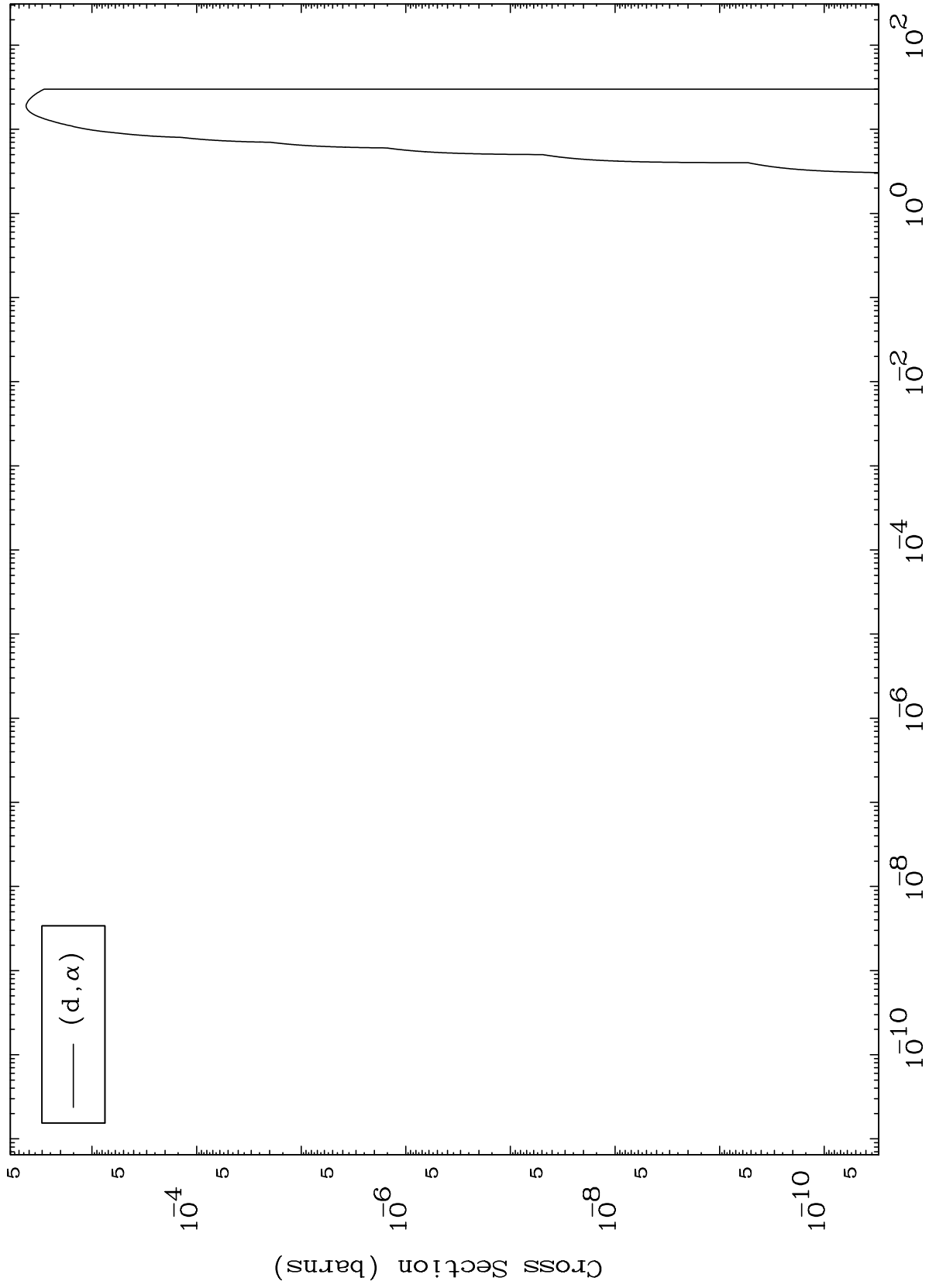
Incident Energy (MeV)

70-Yb-169

MAT 7028

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

70-Yb-169



11

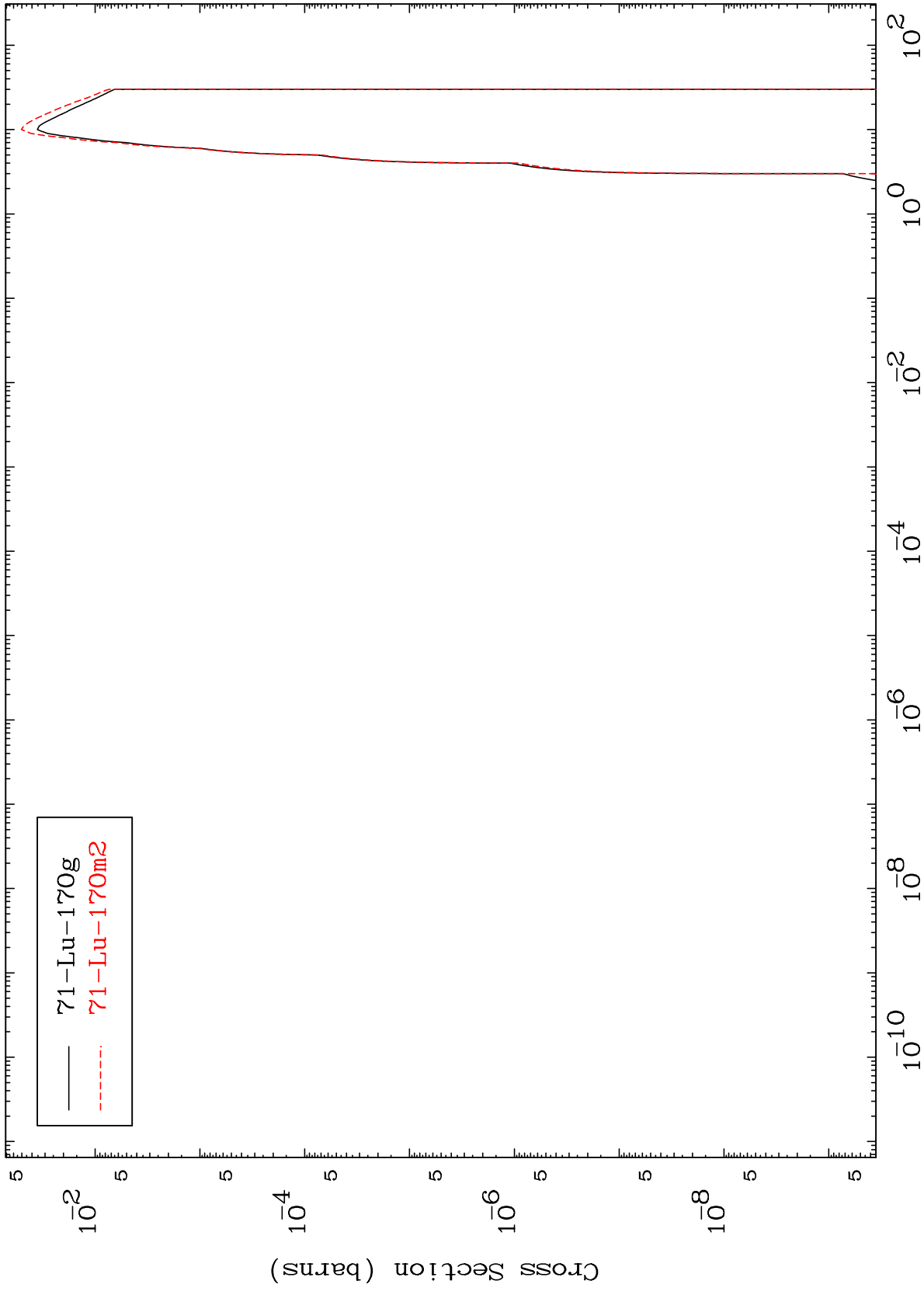
Incident Energy (MeV)

70-Yb-169

MAT 7028

Deuteron Inelastic  
Radionuclide Production Cross Section

70-Yb-169

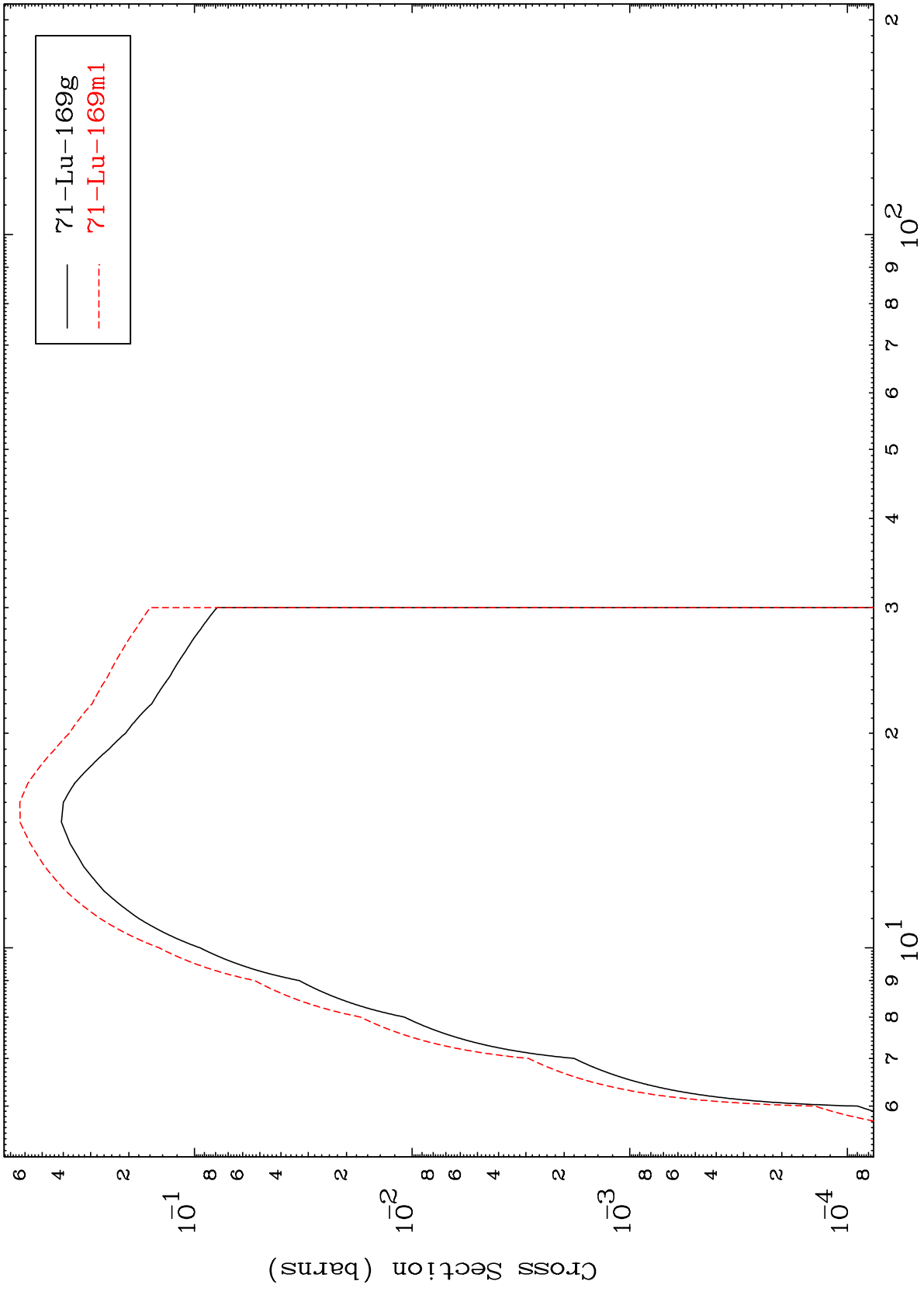


70-Yb-169

MAT 7028

70-Yb-169

(d,2n)  
Radionuclide Production Cross Section



13

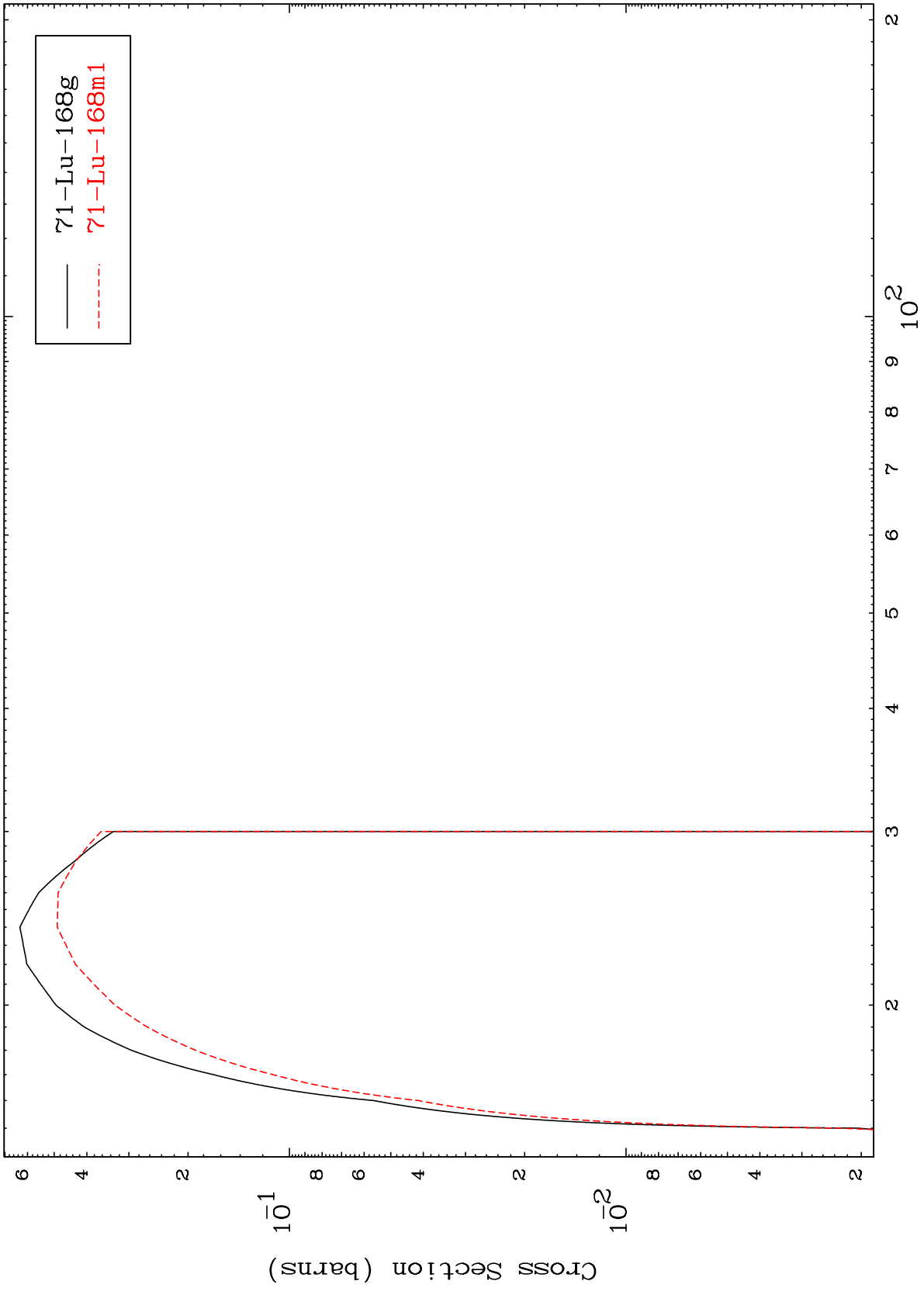
70-Yb-169

MAT 7028

(d,3n)

70-Yb-169

Radionuclide Production Cross Section



14

Incident Energy (MeV)

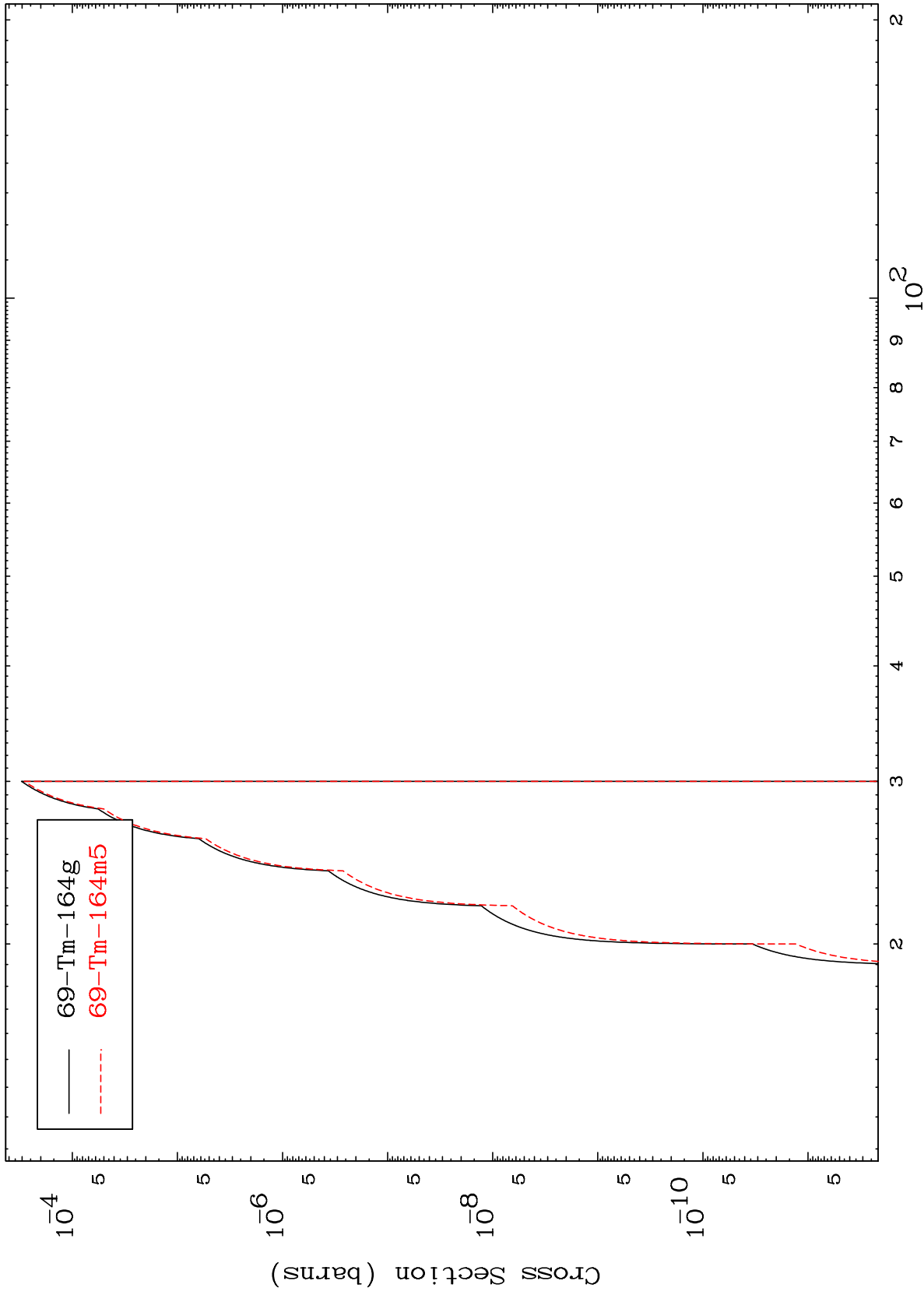
70-Yb-169

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(d,3n)  $\alpha$

70-Yb-169

Radionuclide Production Cross Section



15

Incident Energy (MeV)

70-Yb-169

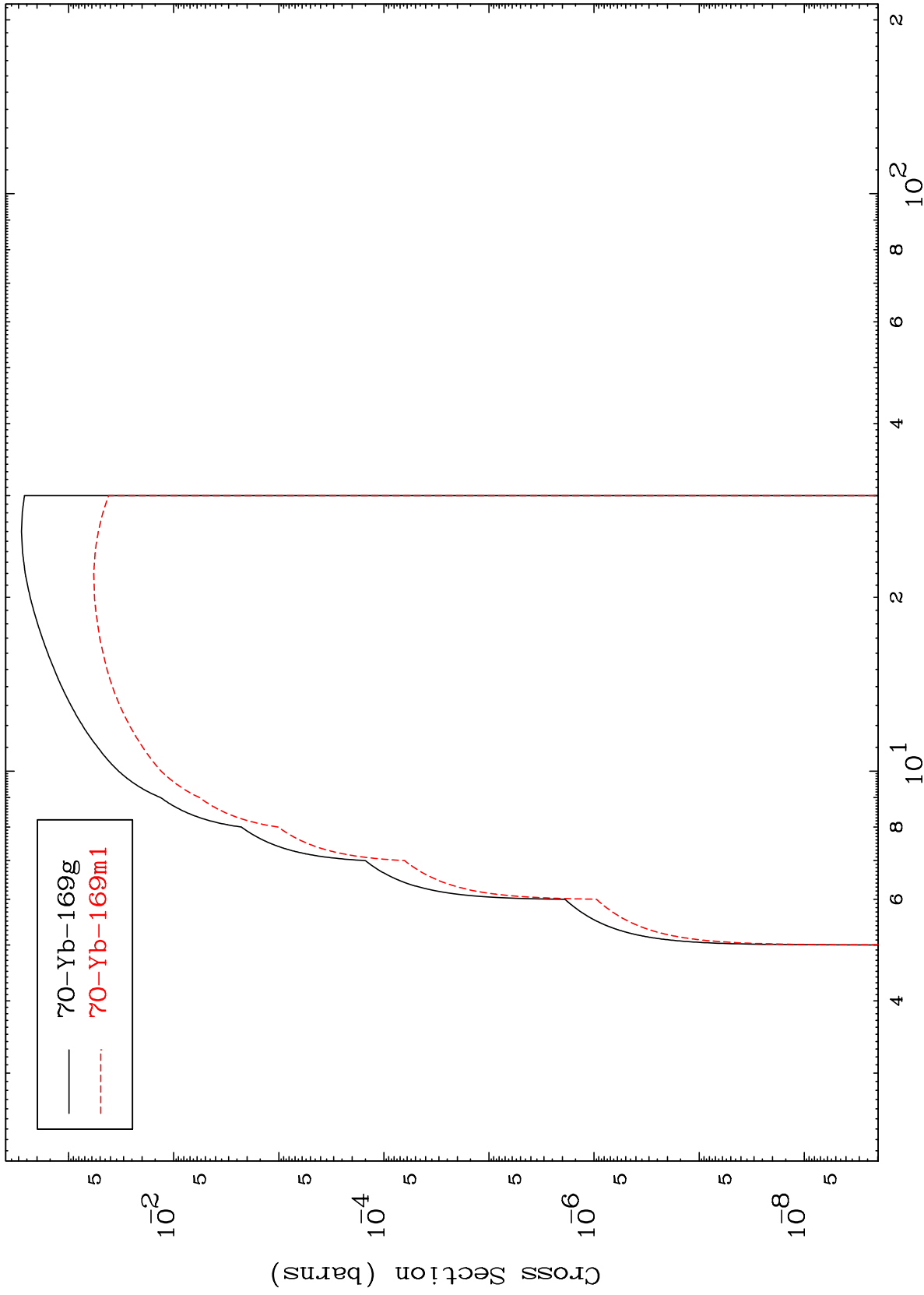


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<sup>70</sup>Yb-169

Radionuclide Production Cross Section

(d,n') p



16

Incident Energy (MeV)

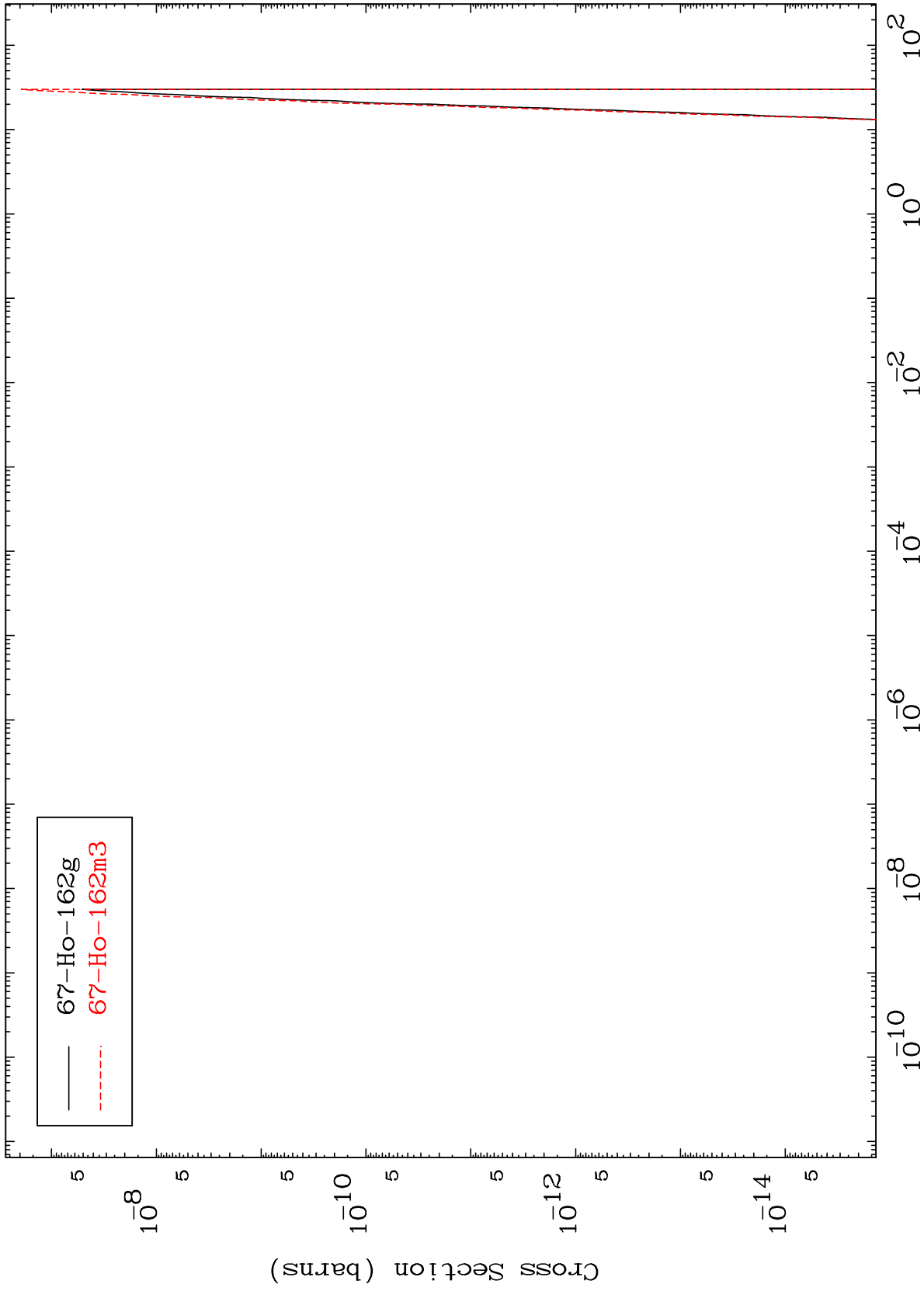
<sup>70</sup>Yb-169

MAT 7028

(d,n') 2 $\alpha$

70-Yb-169

Radionuclide Production Cross Section



17

Incident Energy (MeV)

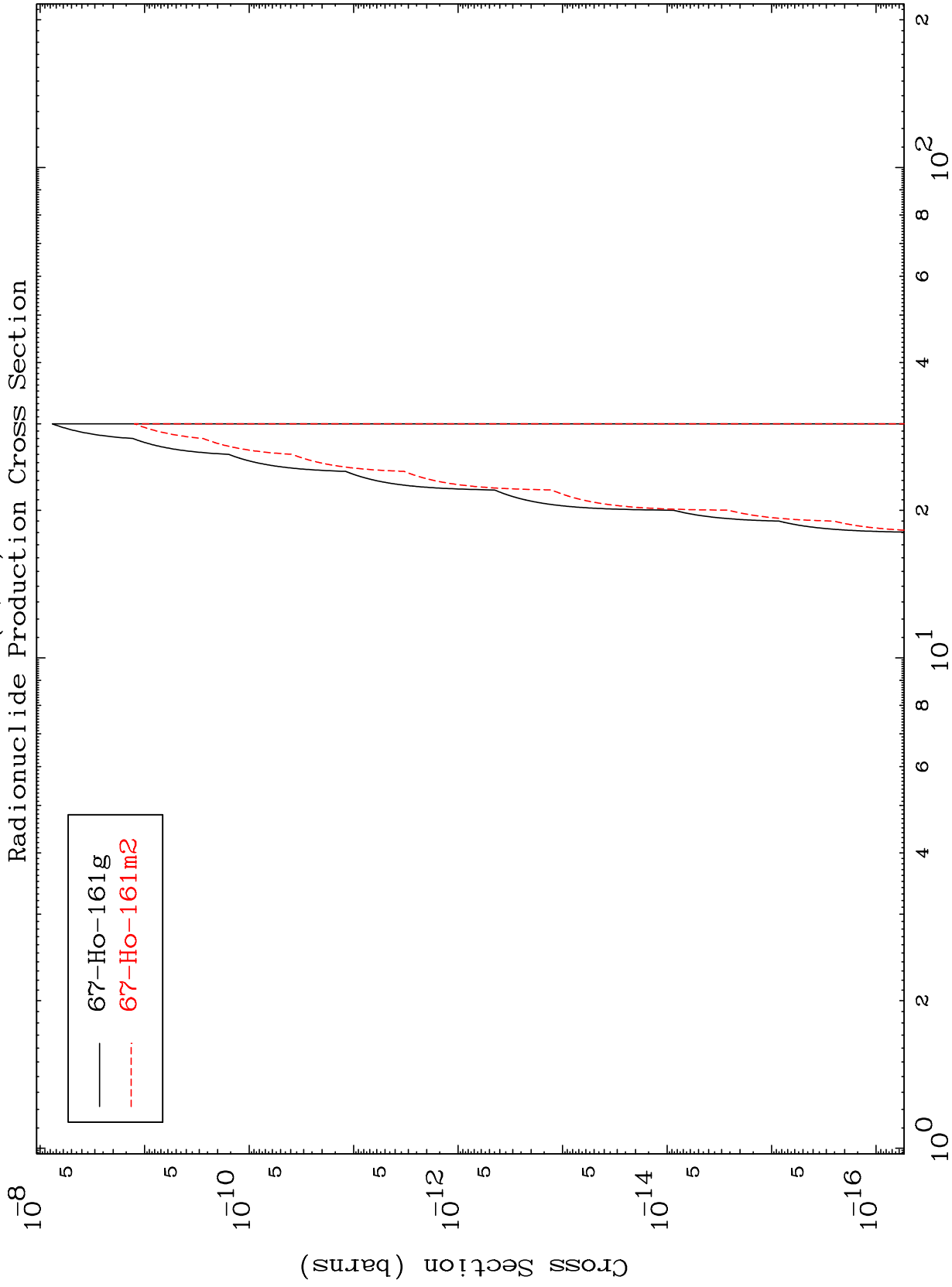
70-Yb-169

MAT 7028

(d,2n) 2 $\alpha$

70-Yb-169

Radionuclide Production Cross Section

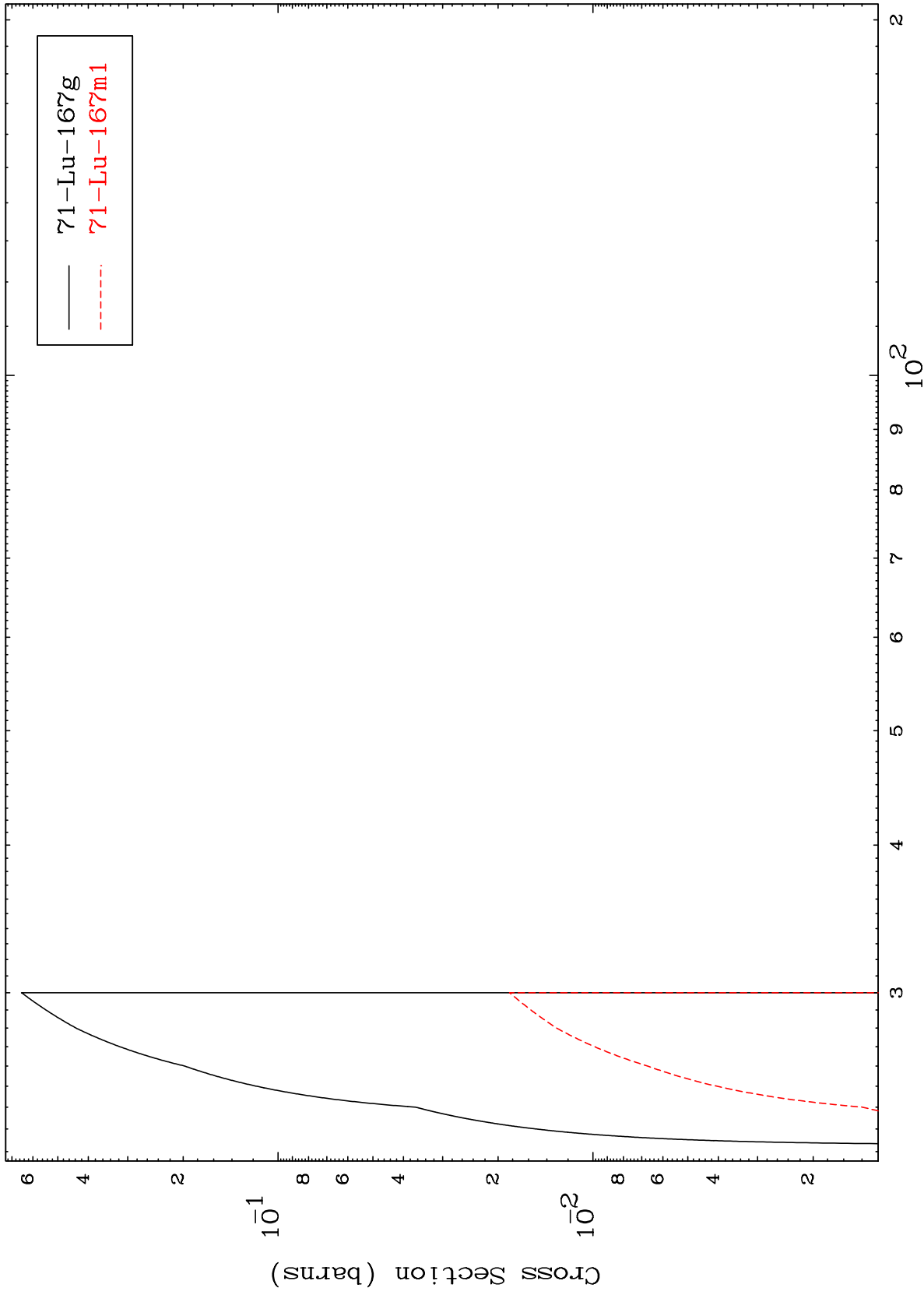


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(d,4n)

70-Yb-169

Radionuclide Production Cross Section



19

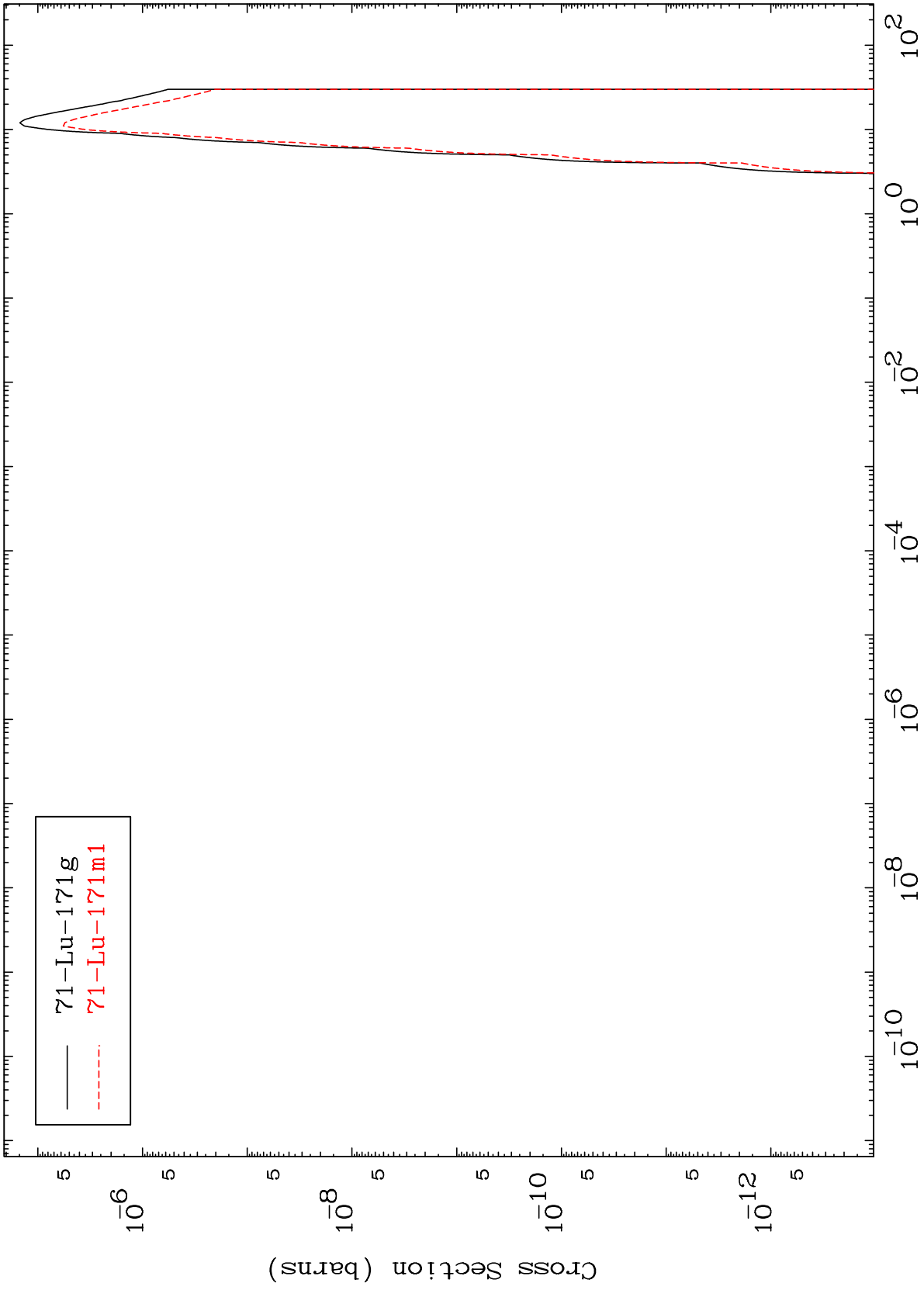
Incident Energy (MeV)

70-Yb-169

MAT 7028

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

$^{70}\text{Yb-169}$



20

Incident Energy (MeV)

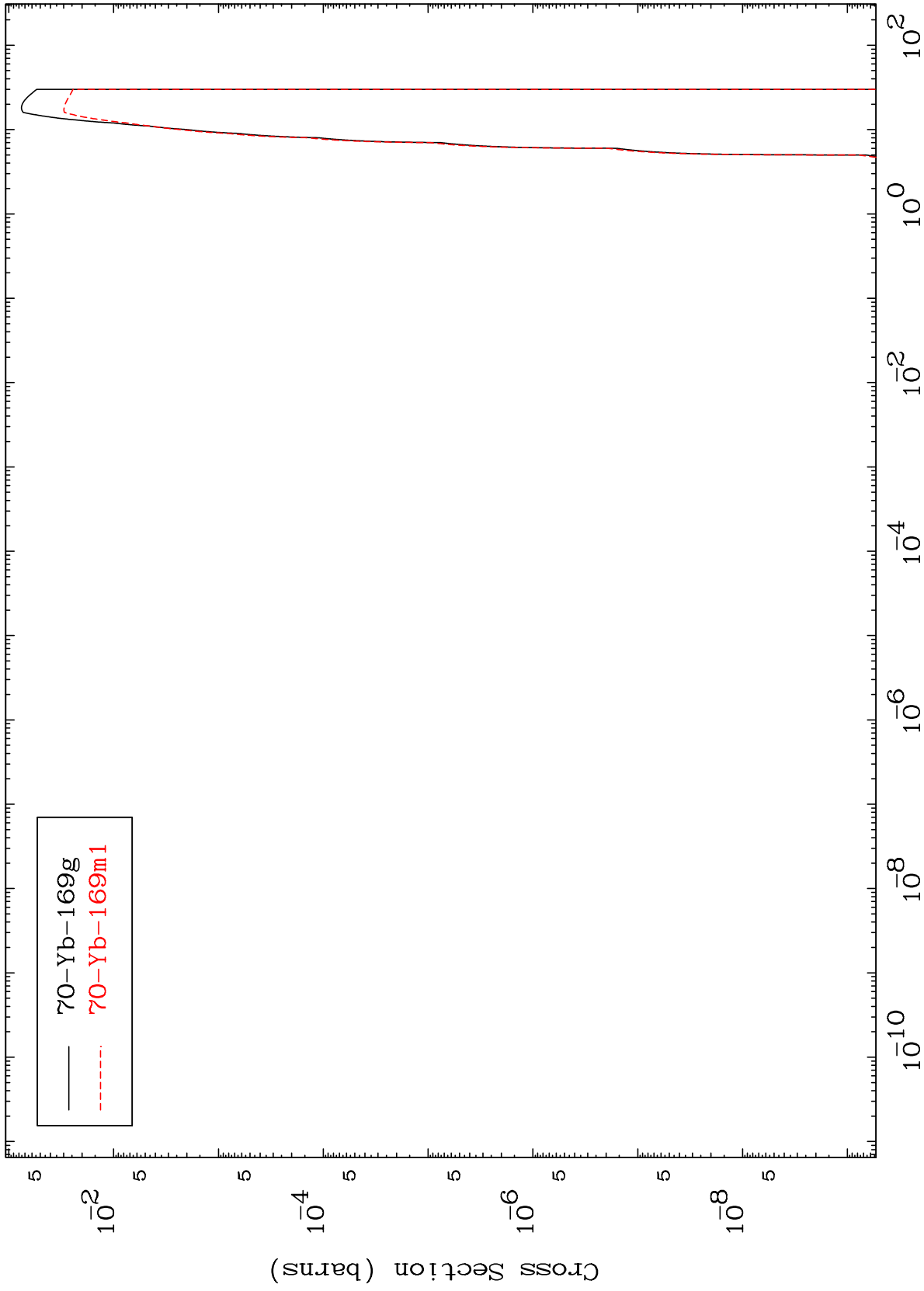
$^{70}\text{Yb-169}$

MAT 7028

(d,d)

Radionuclide Production Cross Section

<sup>70</sup>Yb-169



21

Incident Energy (MeV)

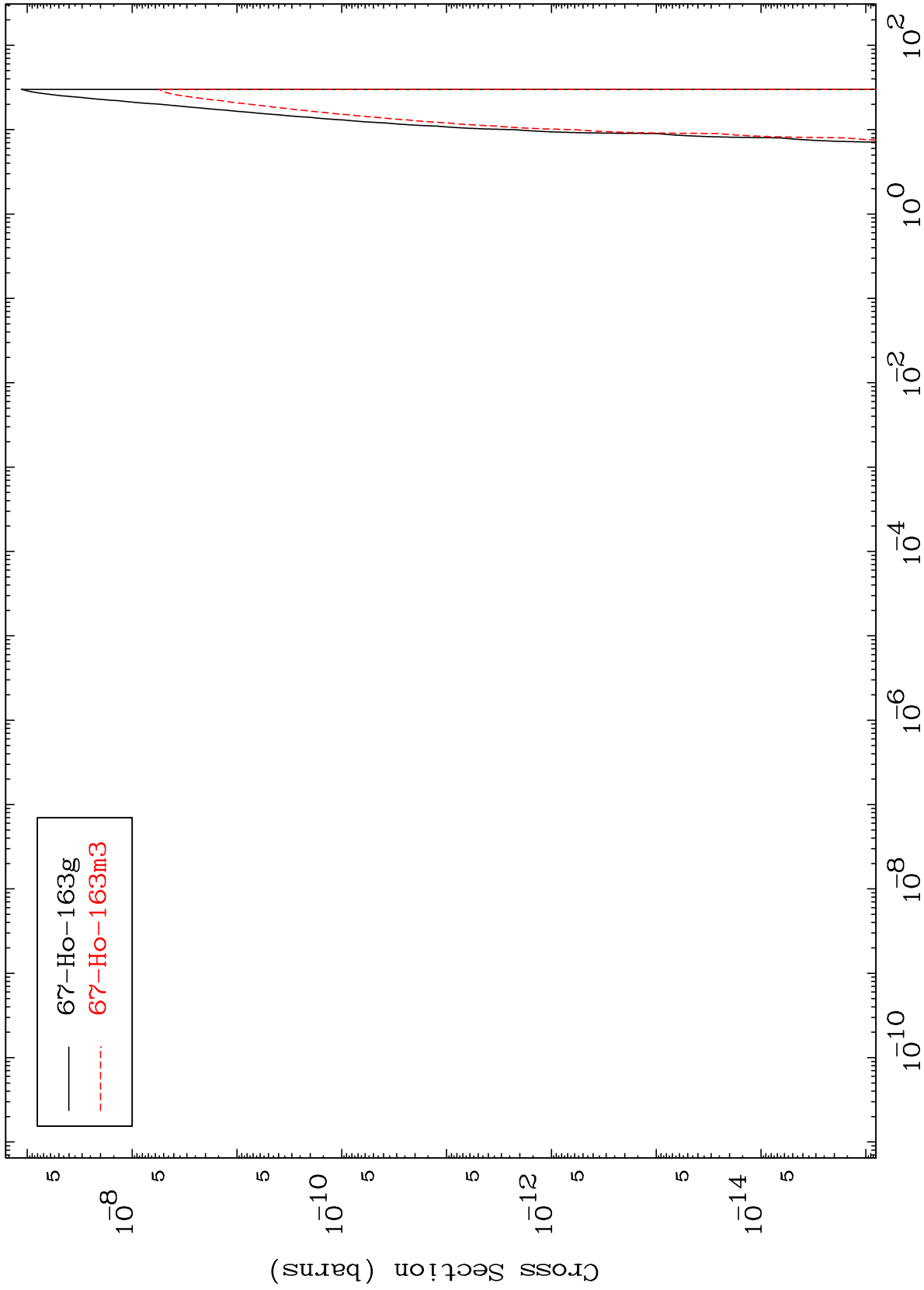
<sup>70</sup>Yb-169

MAT 7028

(d,2α)

70-Yb-169

Radionuclide Production Cross Section



22

Incident Energy (MeV)

70-Yb-169