

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

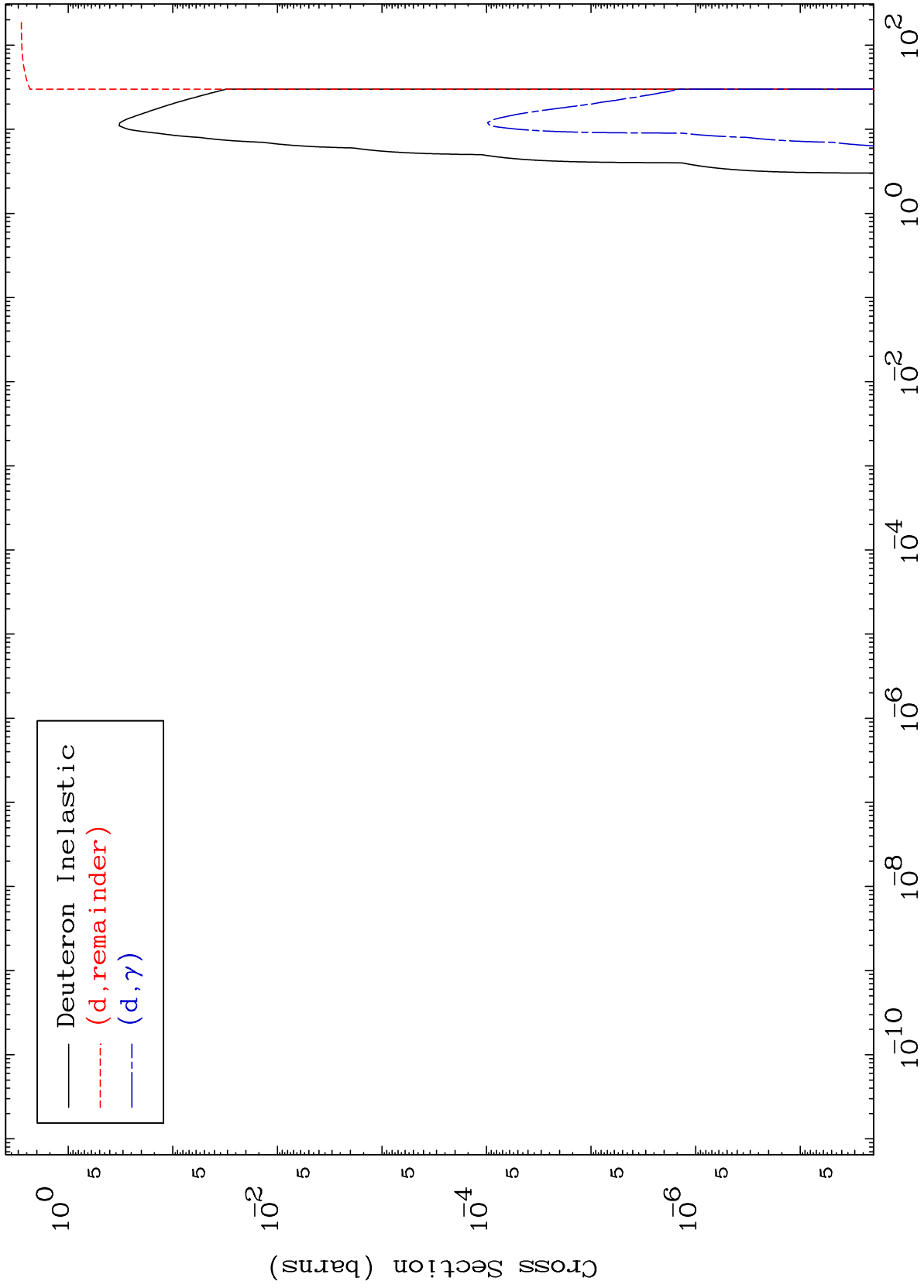
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

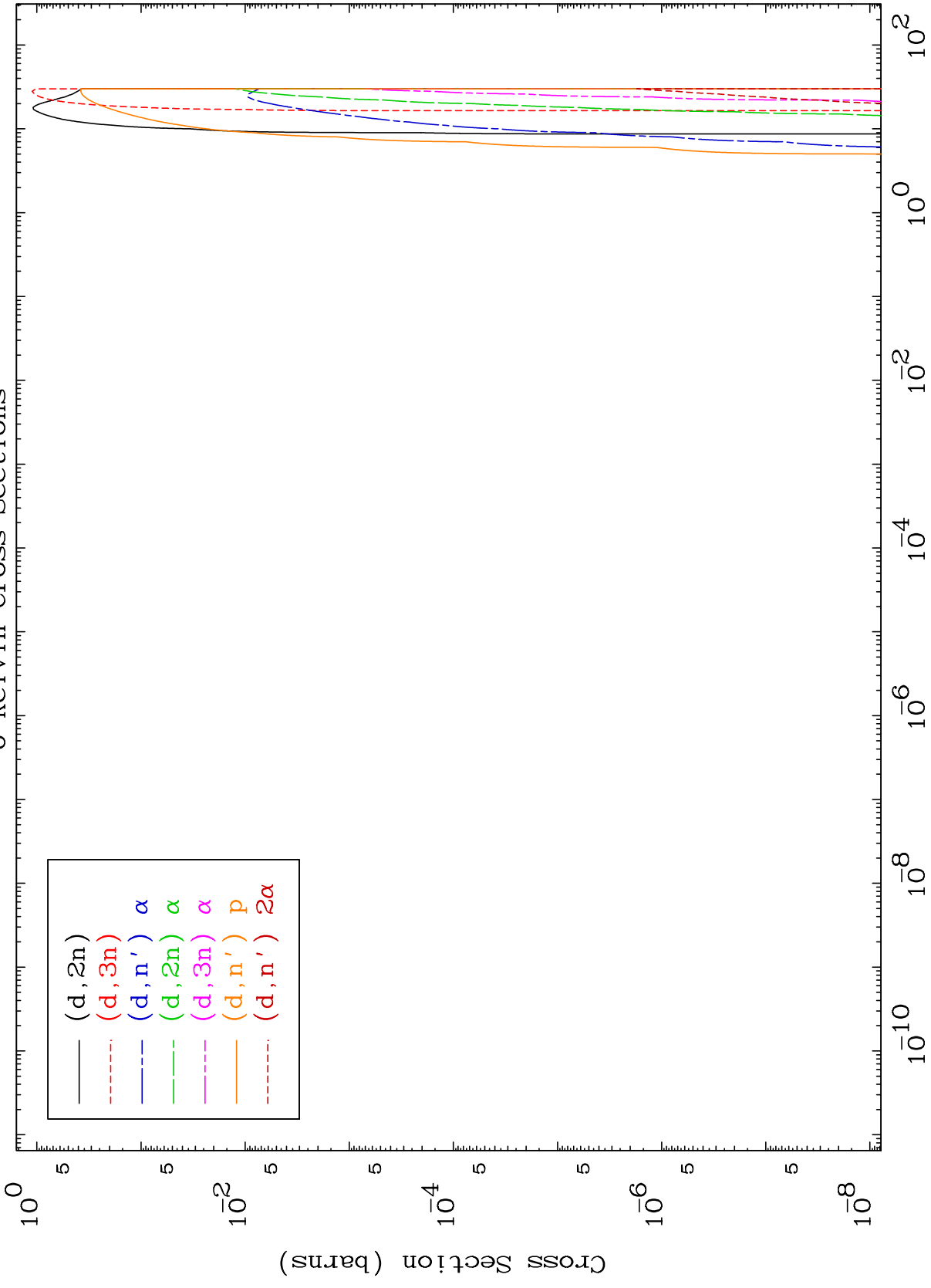
Press Mouse Button to Start



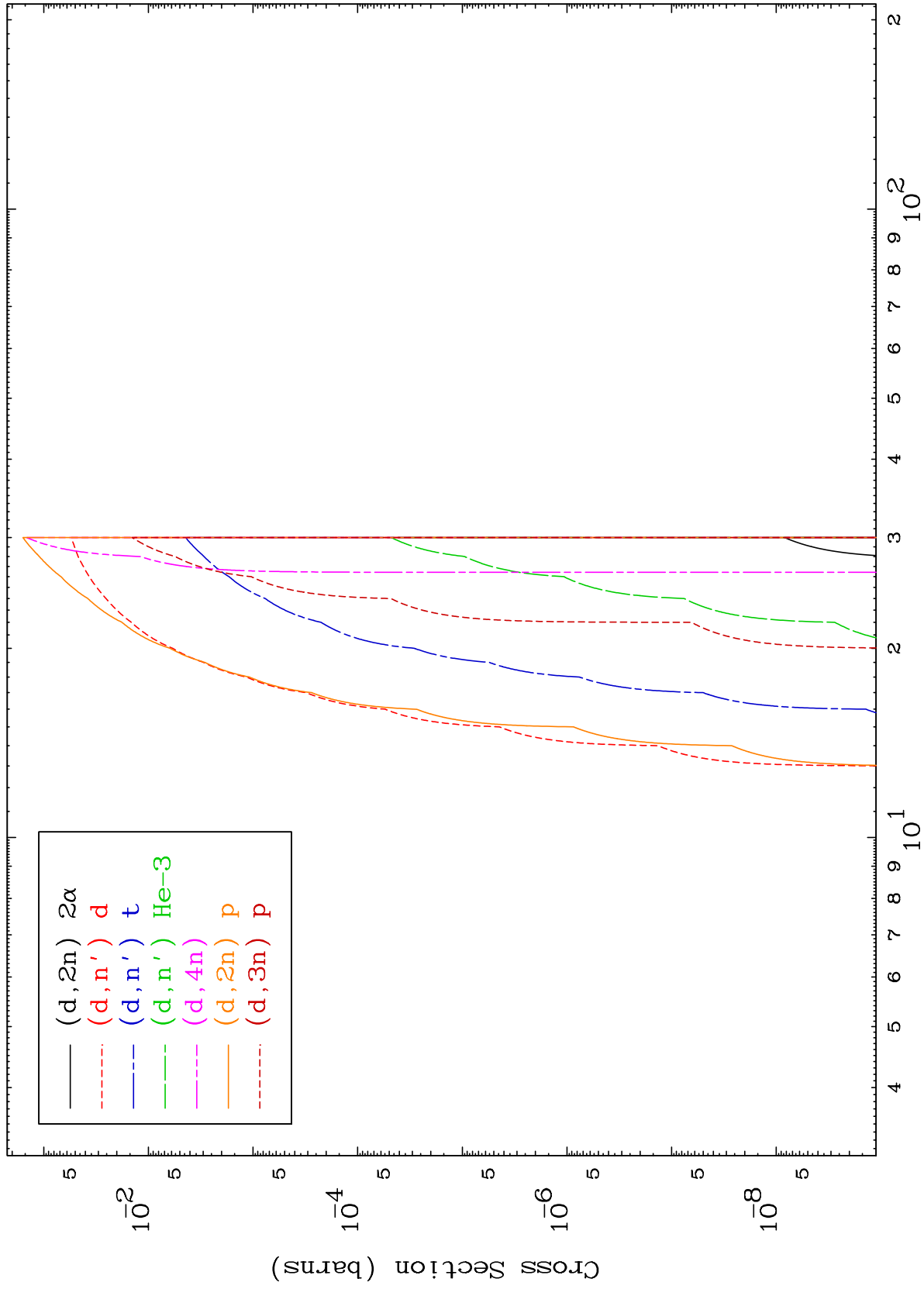
MAT 7019

Deuteron Neutron Production  
0 Kelvin Cross Sections

70-Yb-166



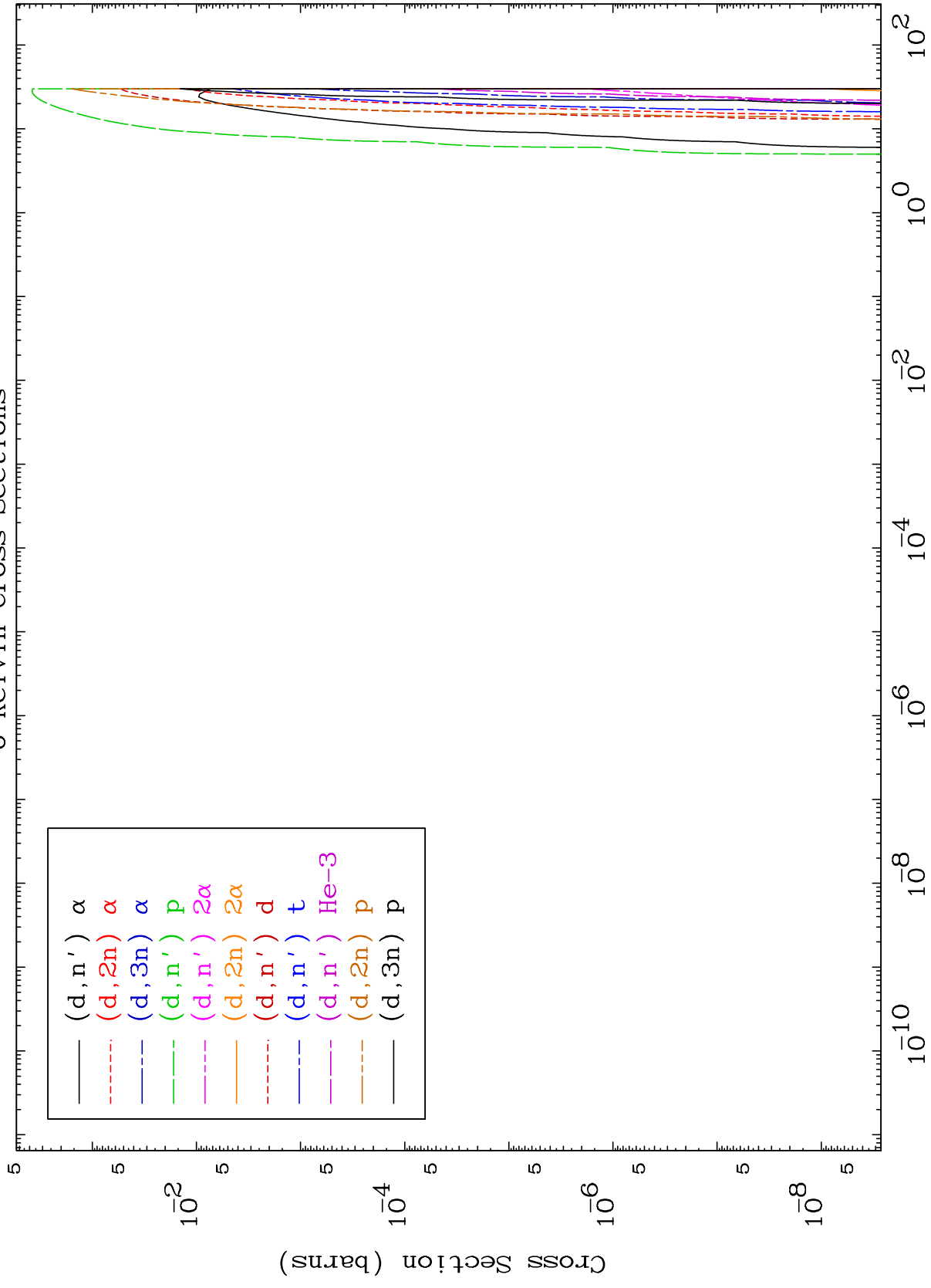
70-Yb-166



MAT 7019

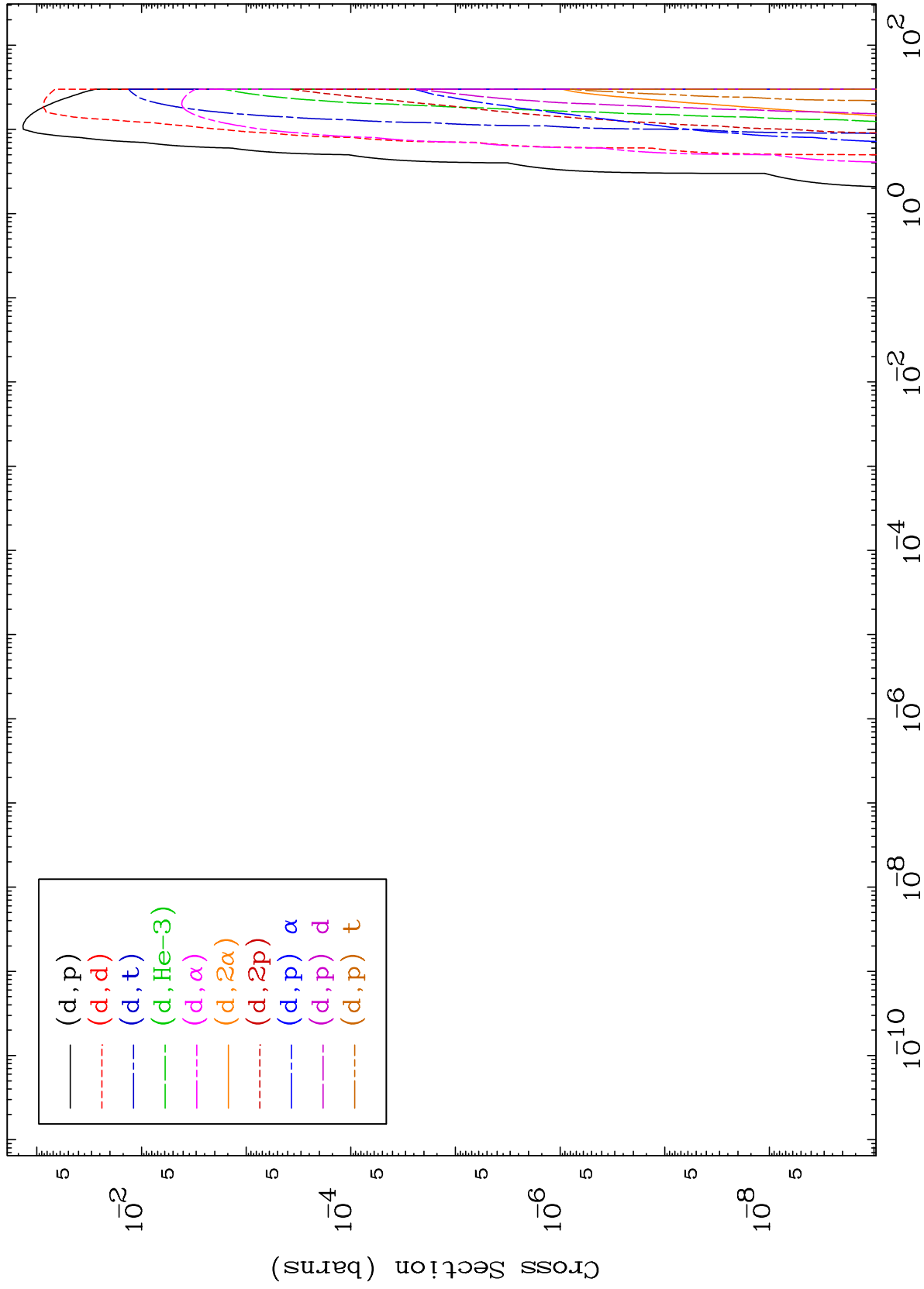
Deuteron Charged Particle  
0 Kelvin Cross Sections

70-Yb-166



70-Yb-166

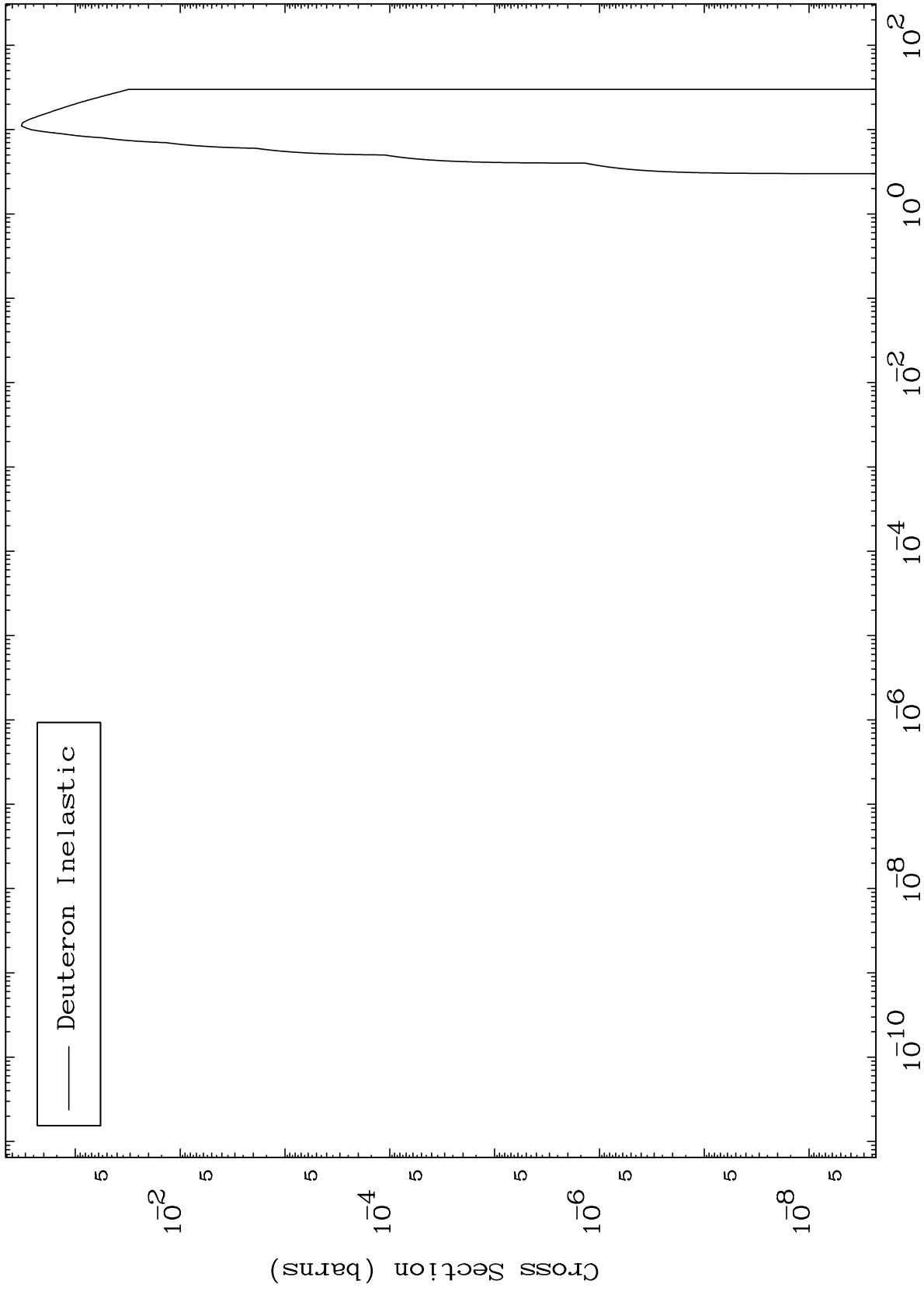
Incident Energy (MeV)



MAT 7019

(d,n') Level  
0 Kelvin Cross Sections

70-Yb-166



6

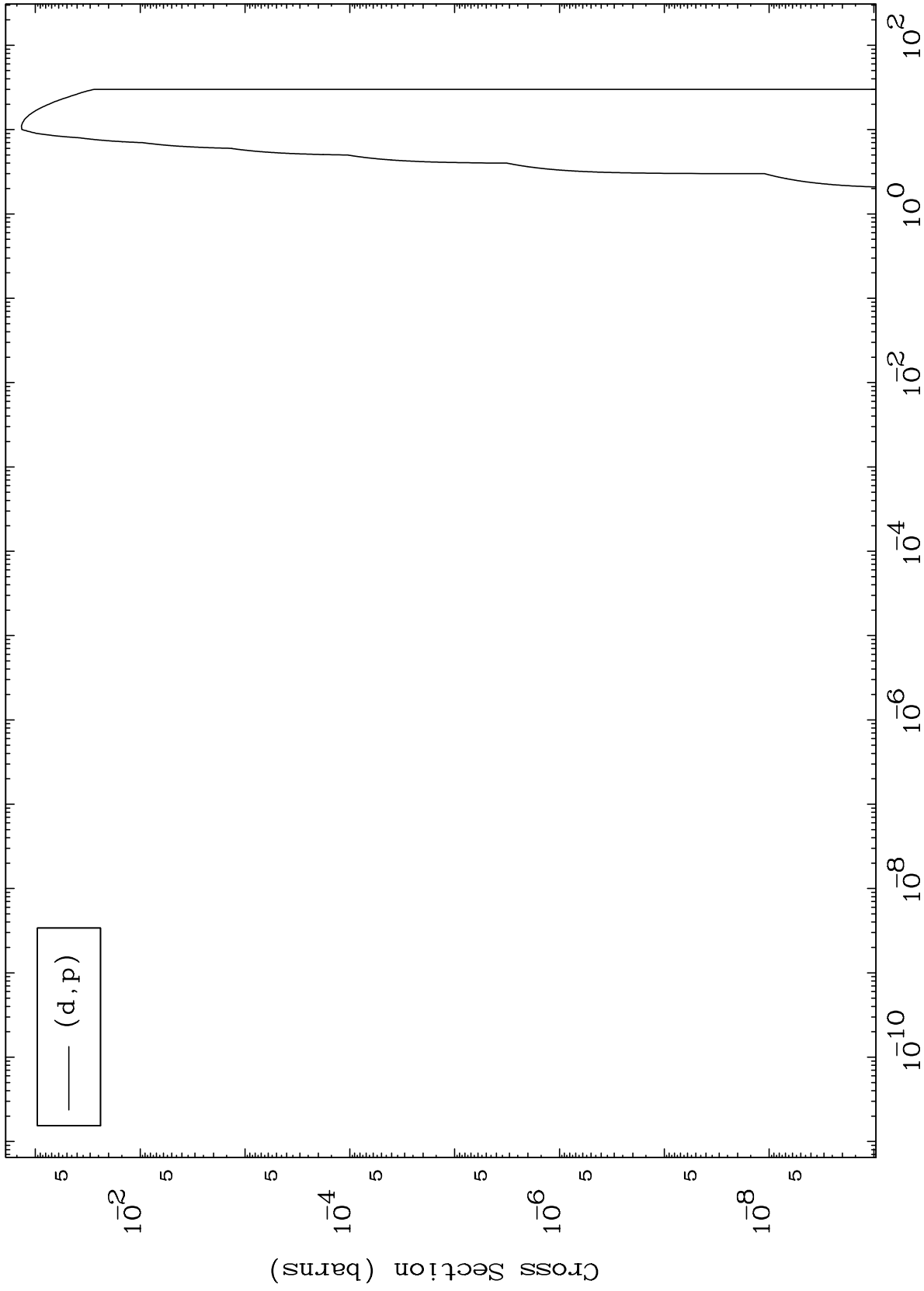
Incident Energy (MeV)

70-Yb-166

MAT 7019

(d,p) Levels  
0 Kelvin Cross Sections

70-Yb-166



7

Incident Energy (MeV)

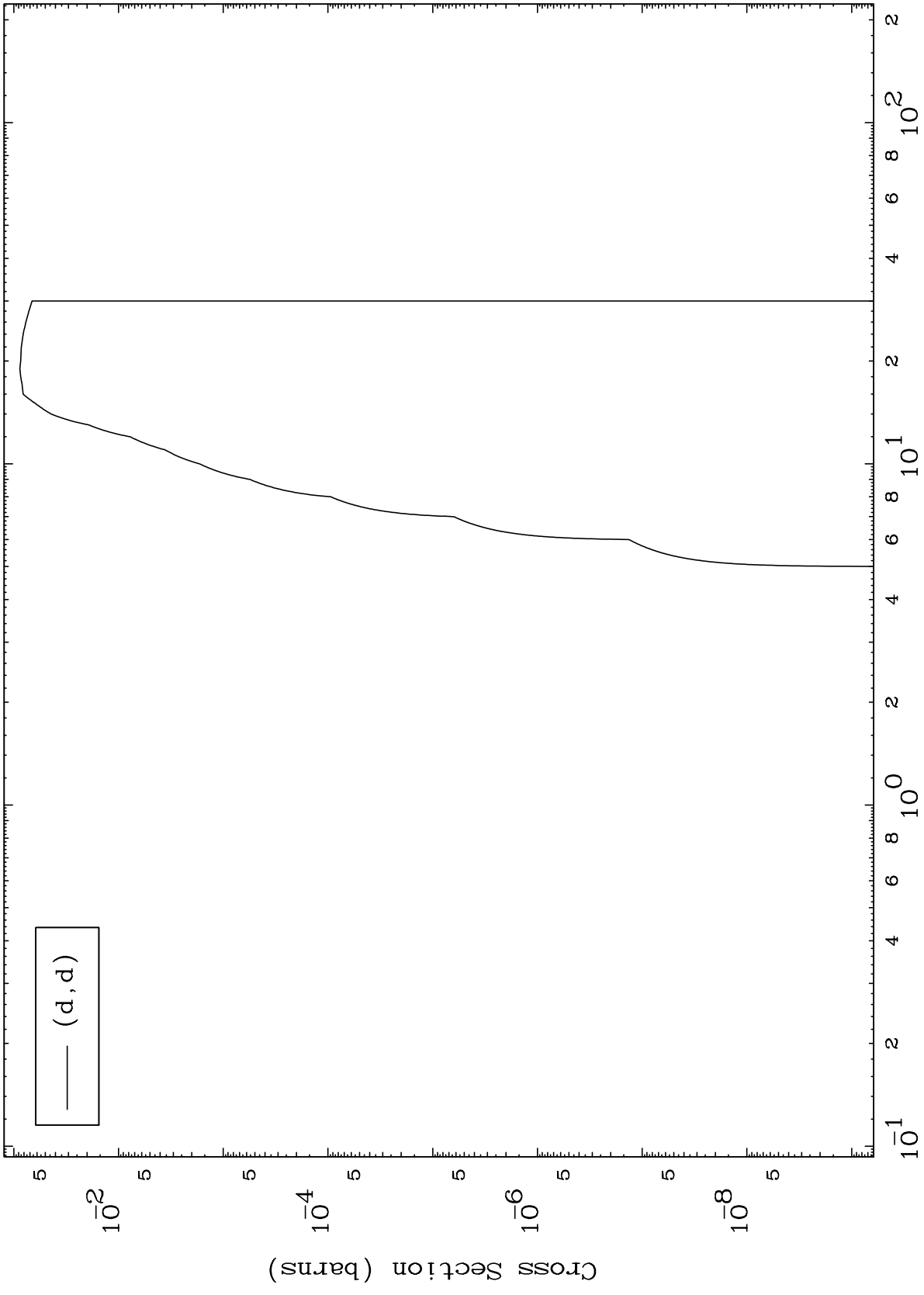
70-Yb-166



MAT 7019

(d,d) Levels  
0 Kelvin Cross Sections

70-Yb-166



8

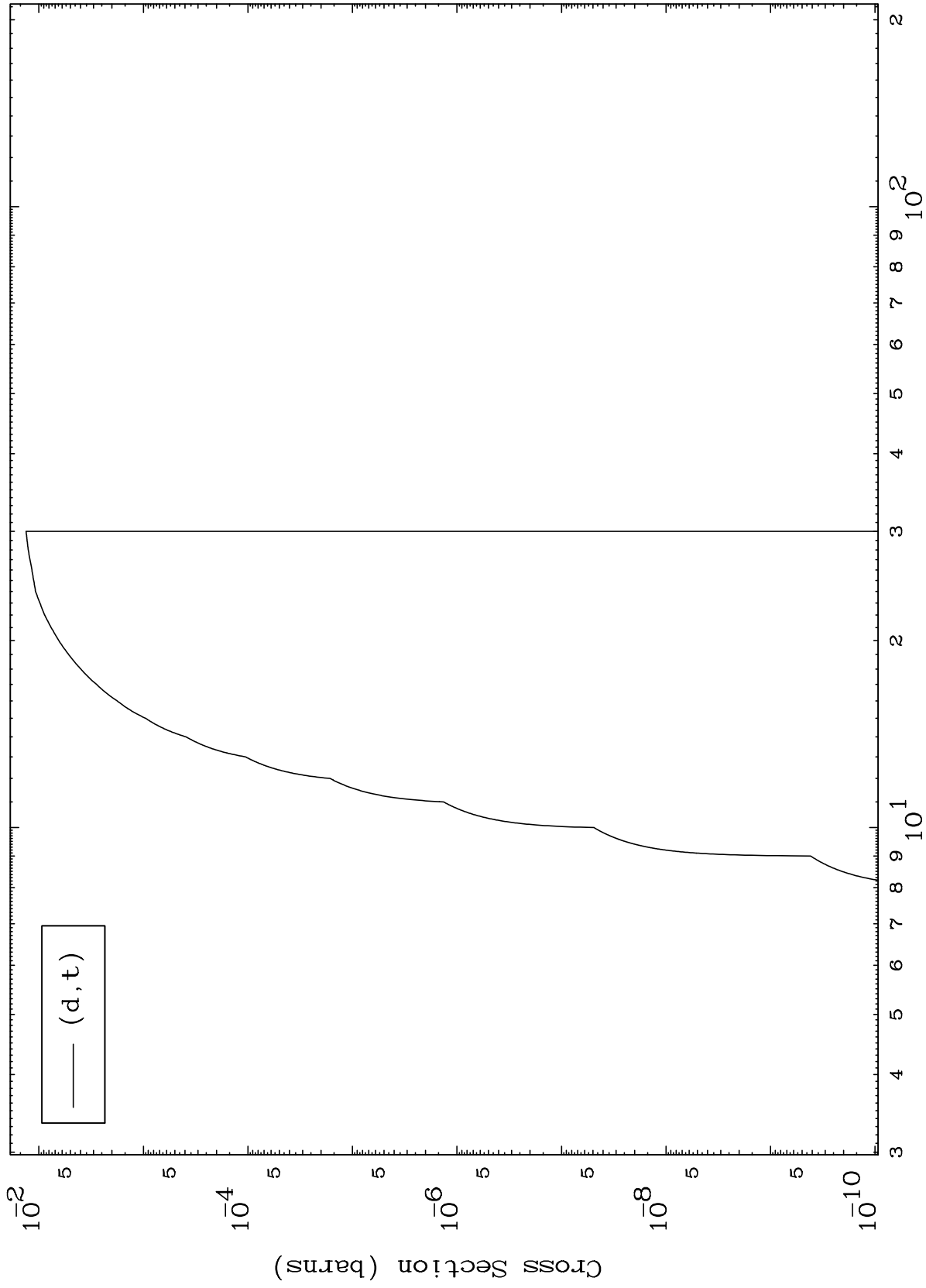
Incident Energy (MeV)

70-Yb-166

MAT 7019

(d,t) Levels  
0 Kelvin Cross Sections

70-Yb-166



9

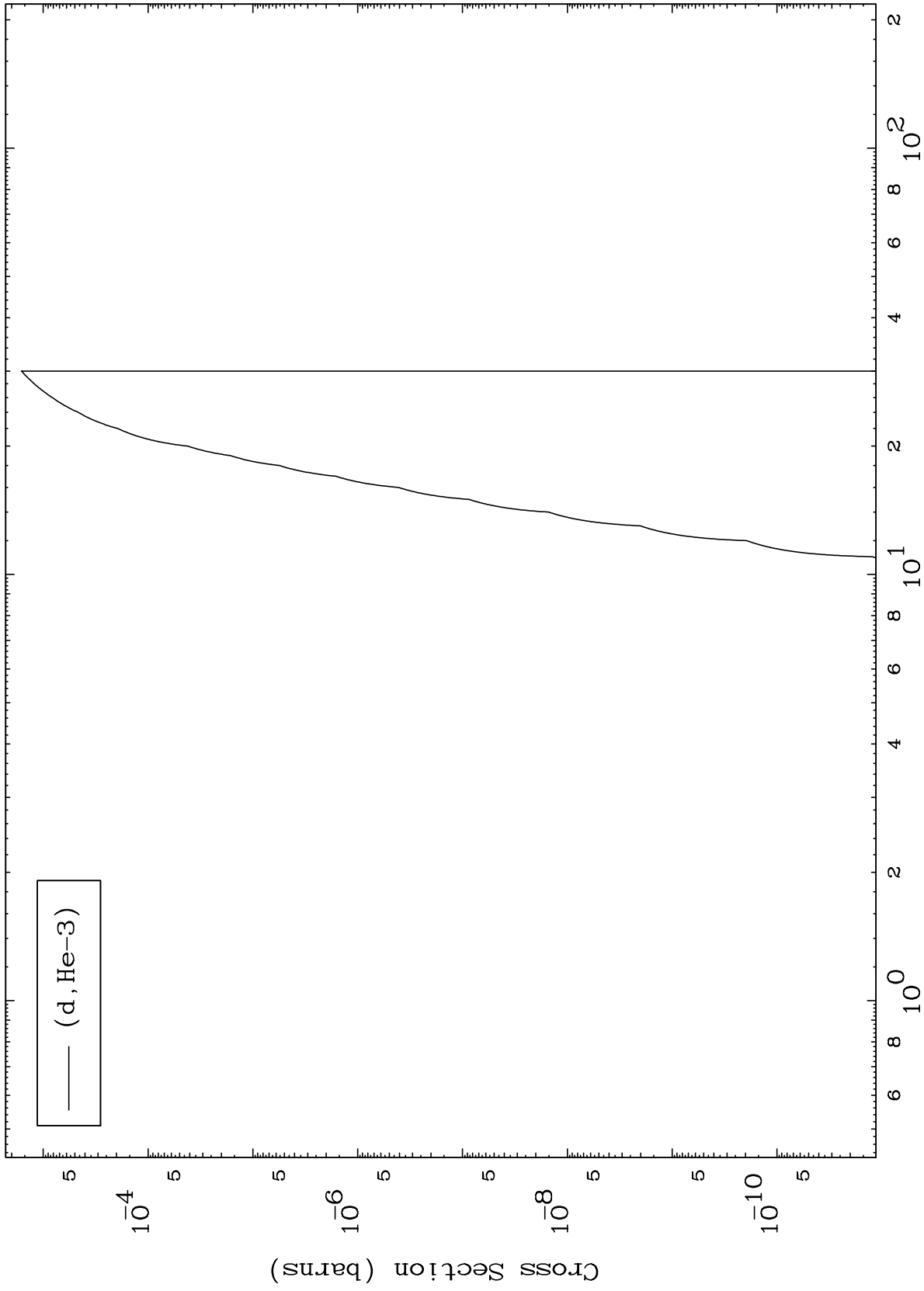
Incident Energy (MeV)

70-Yb-166

MAT 7019

(d,He3) Levels  
0 Kelvin Cross Sections

70-Yb-166



10

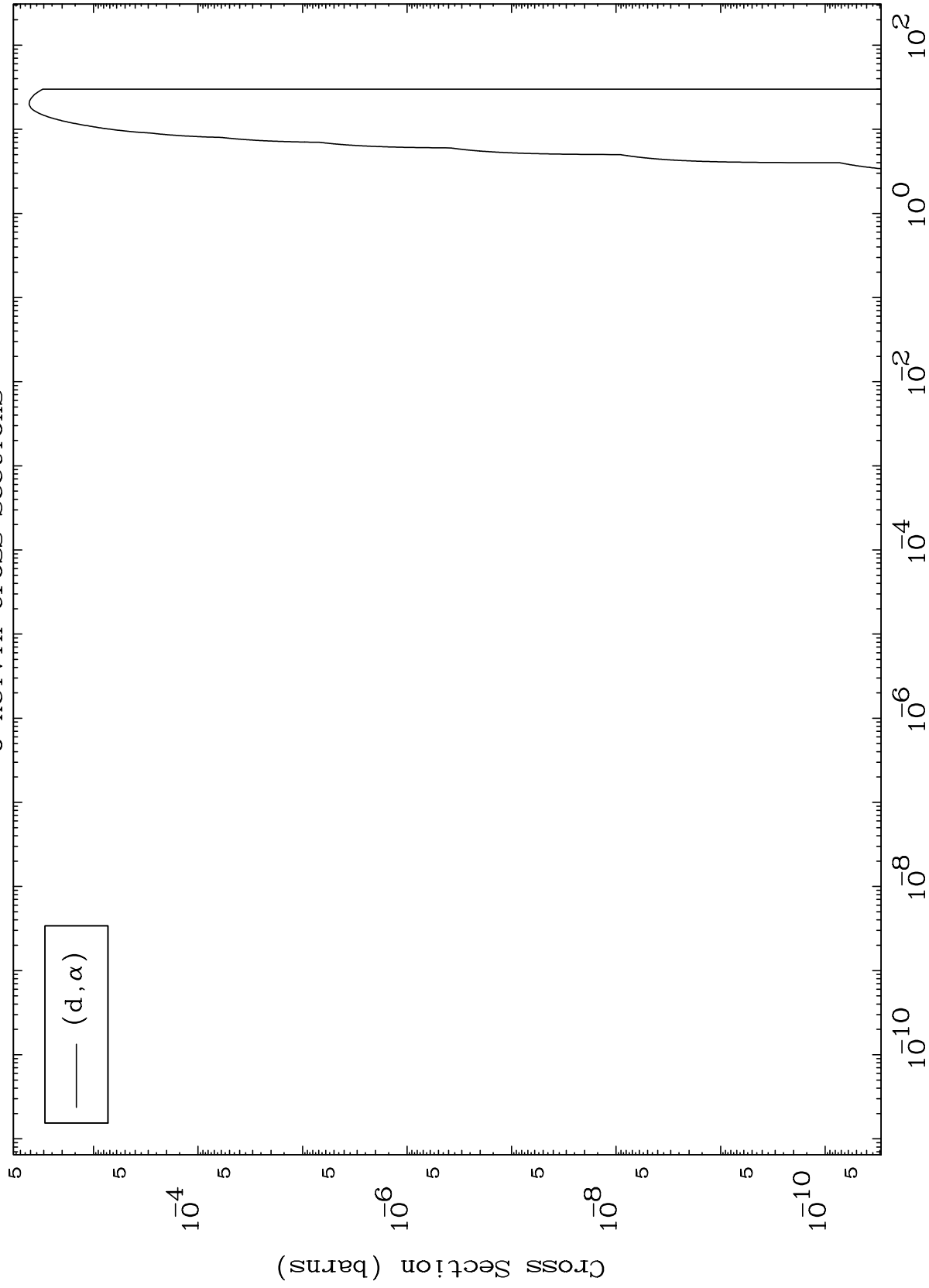
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

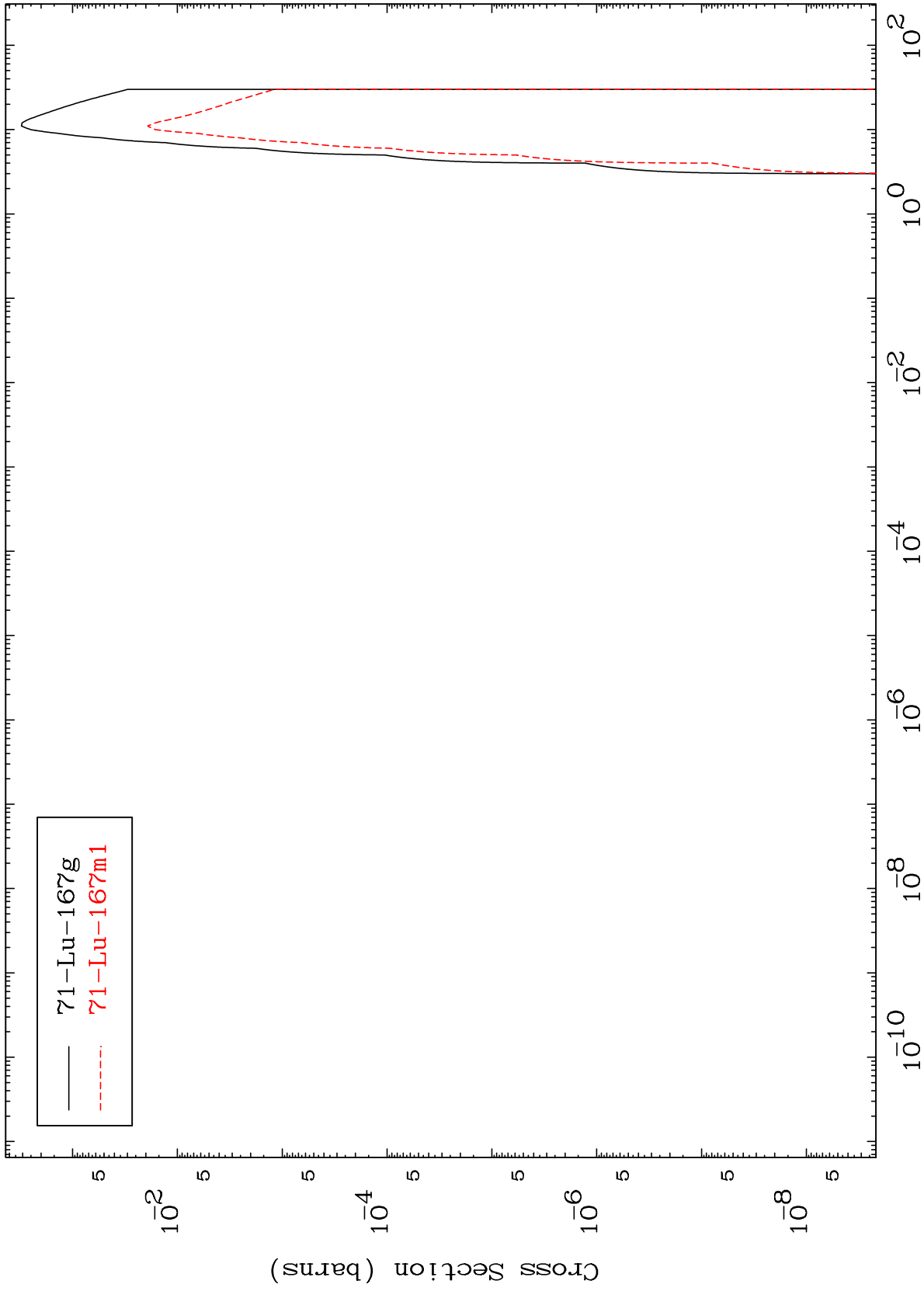
70-Yb-166



MAT 7019

Deuteron Inelastic  
Radionuclide Production Cross Section

70-Yb-166

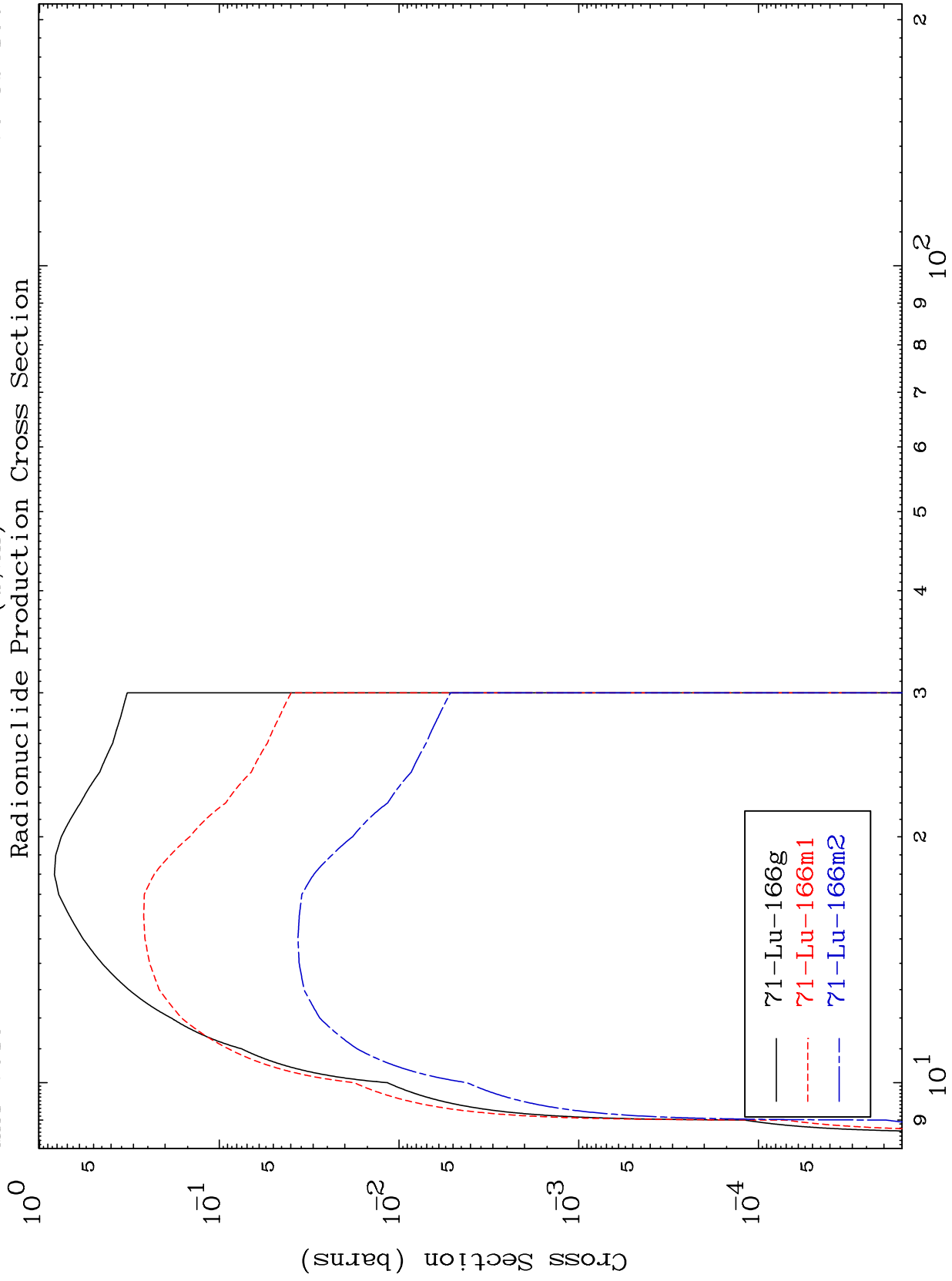


70-Yb-166

MAT 7019

70-Yb-166

Radionuclide Production Cross Section  
(d,2n)



70-Yb-166

Incident Energy (MeV)

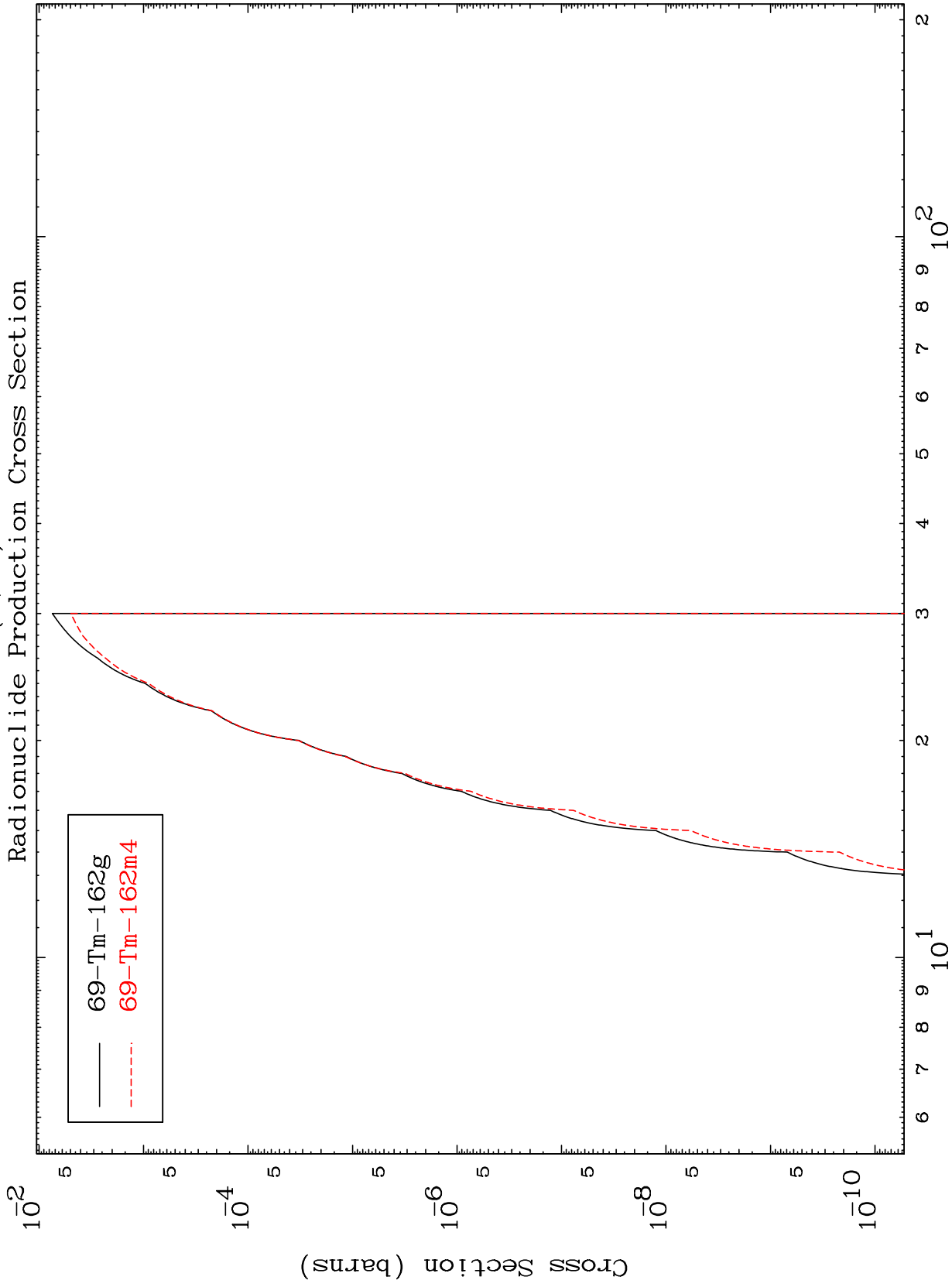
13

MAT 7019

(d,2n)  $\alpha$

70-Yb-166

Radionuclide Production Cross Section



14

Incident Energy (MeV)

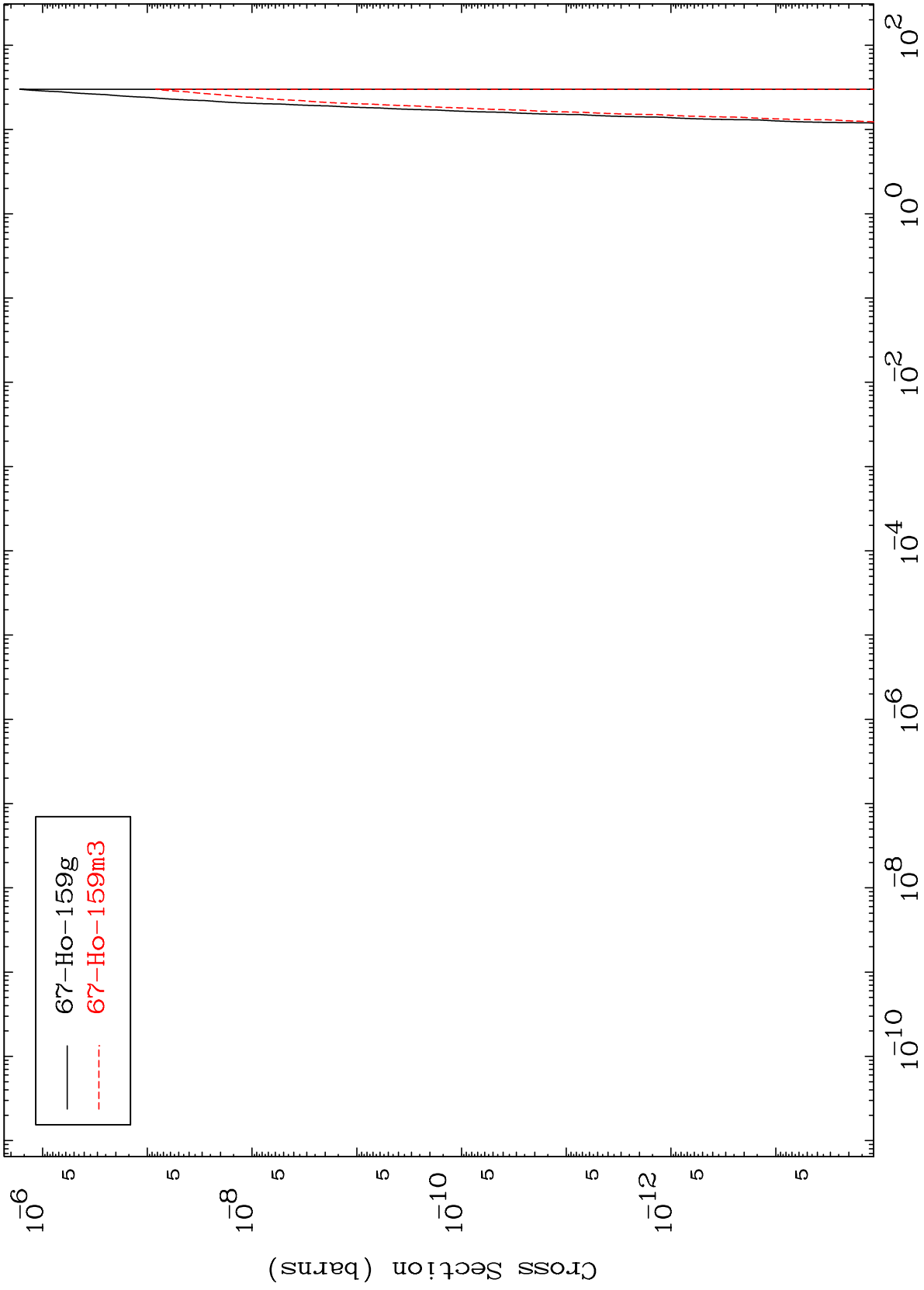
70-Yb-166

MAT 7019

(d,n') 2 $\alpha$

<sup>70</sup>Yb-166

Radionuclide Production Cross Section



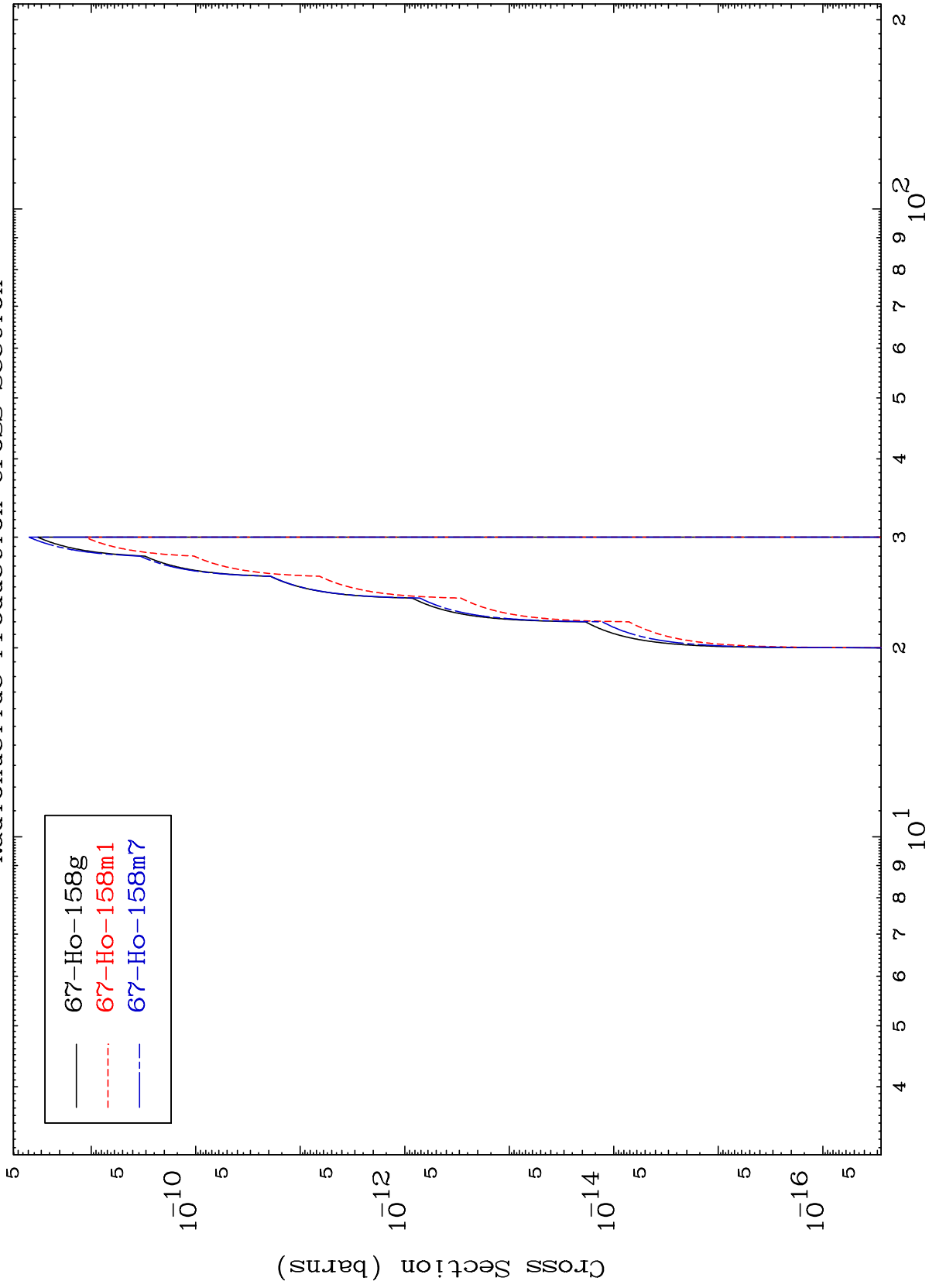


MAT 7019

(d,2n) 2α

70-Yb-166

Radionuclide Production Cross Section



16

Incident Energy (MeV)

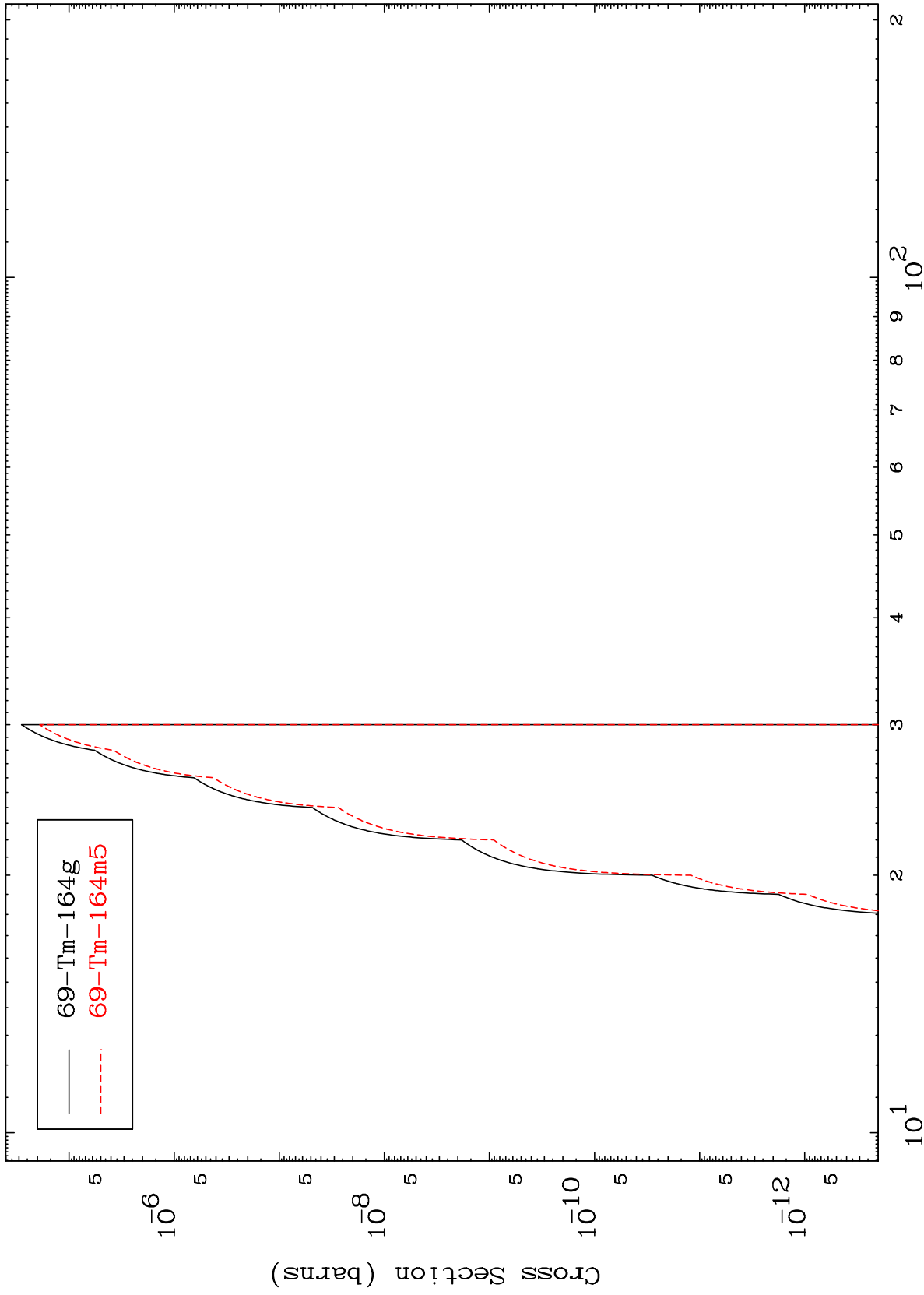
70-Yb-166

MAT 7019

(d, n') He-3

70-Yb-166

Radionuclide Production Cross Section



17

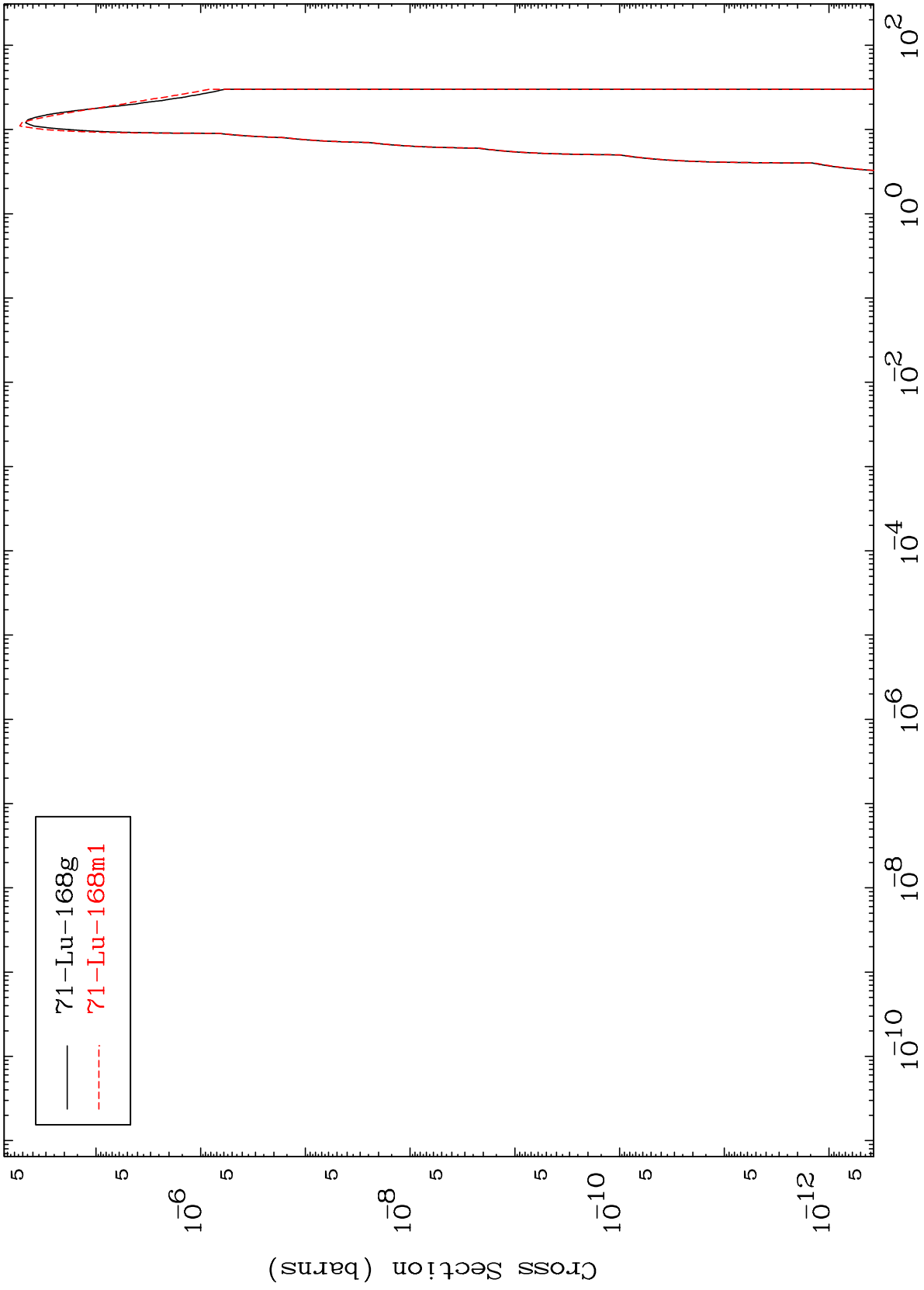
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

<sup>70</sup>Yb-166



18

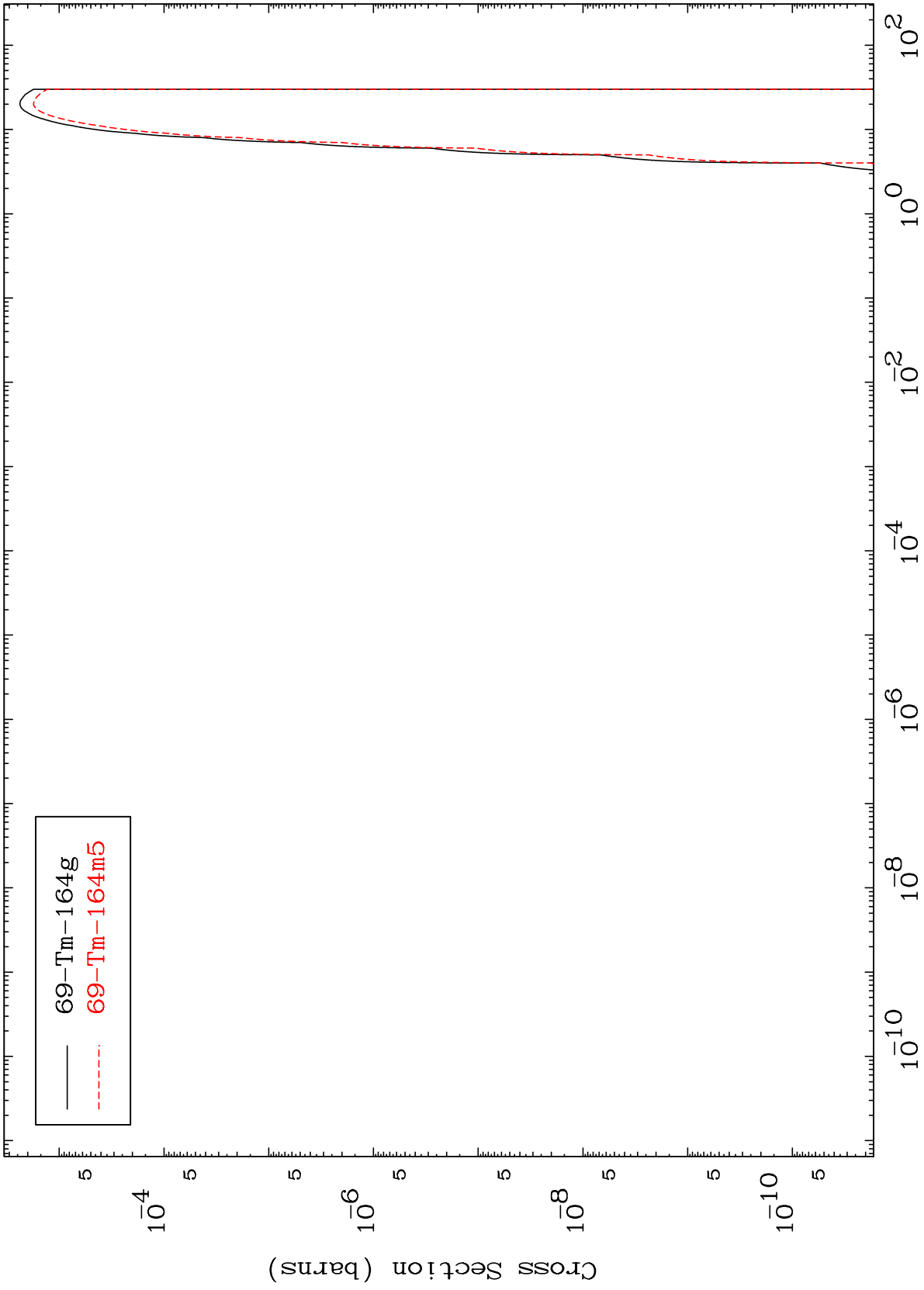
Incident Energy (MeV)

<sup>70</sup>Yb-166

MAT 7019

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

70-Yb-166

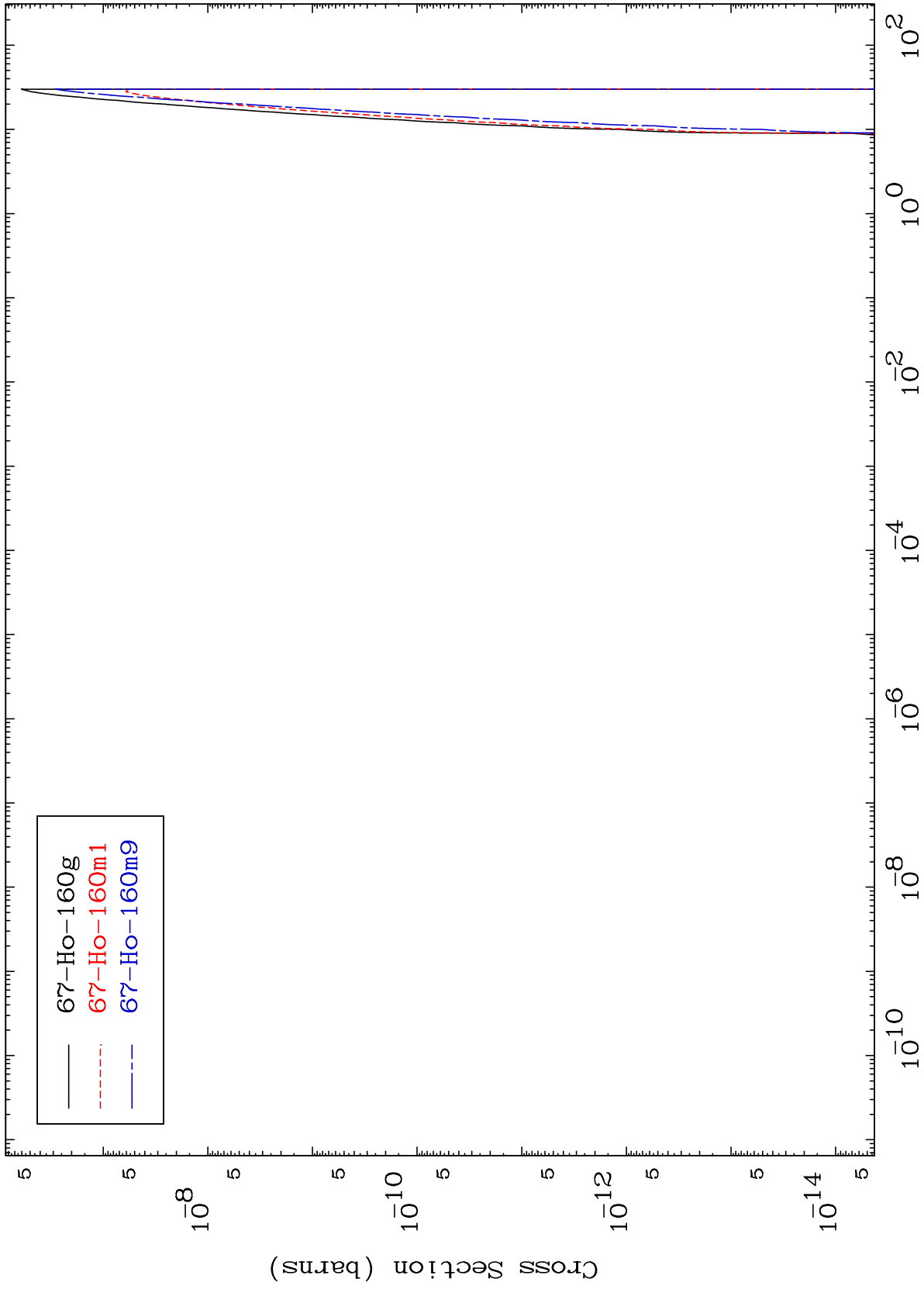


MAT 7019

(d,2α)

70-Yb-166

Radionuclide Production Cross Section



20

Incident Energy (MeV)

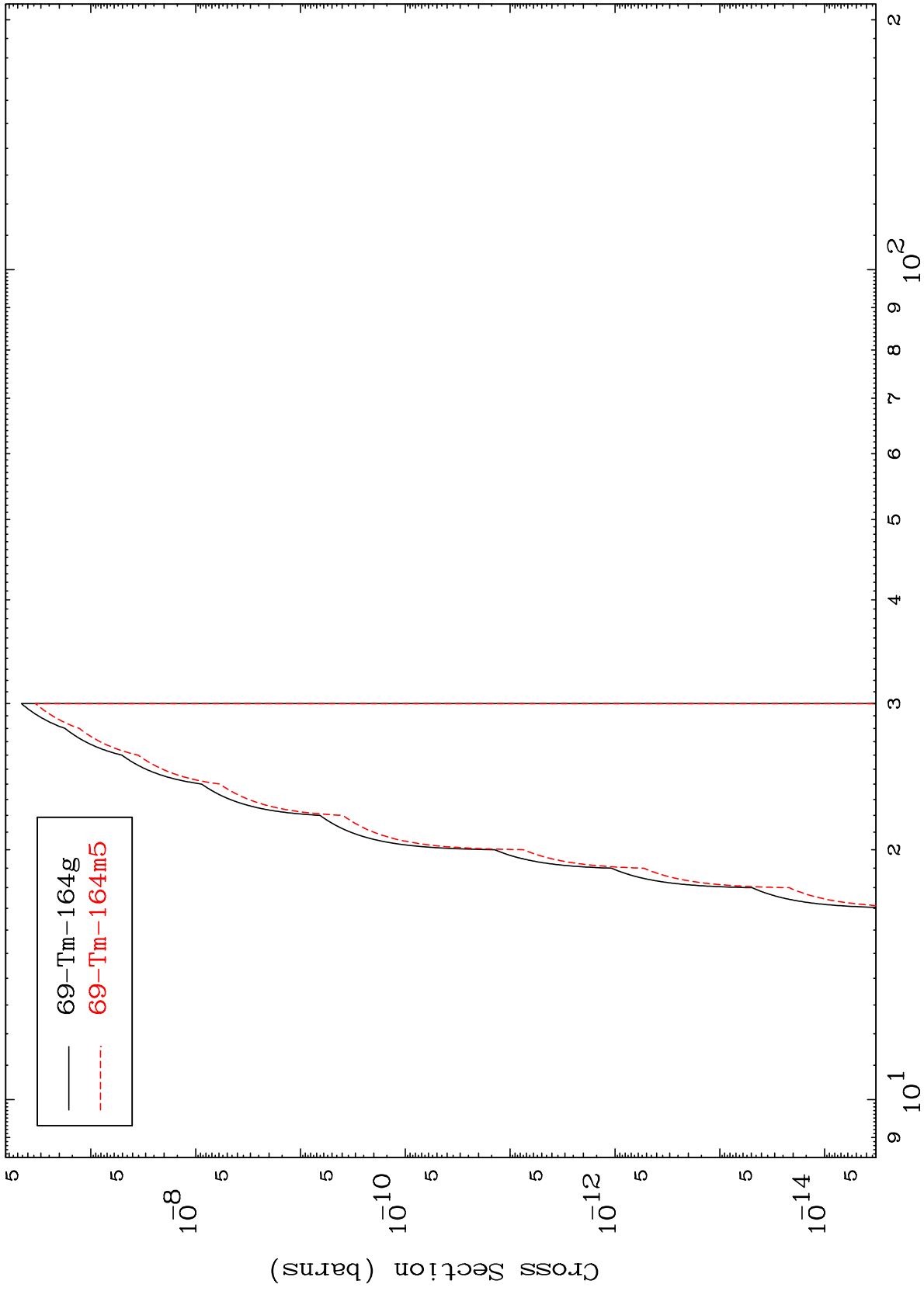
70-Yb-166

MAT 7019

(d,p) t

70-Yb-166

Radionuclide Production Cross Section



21

Incident Energy (MeV)

70-Yb-166