

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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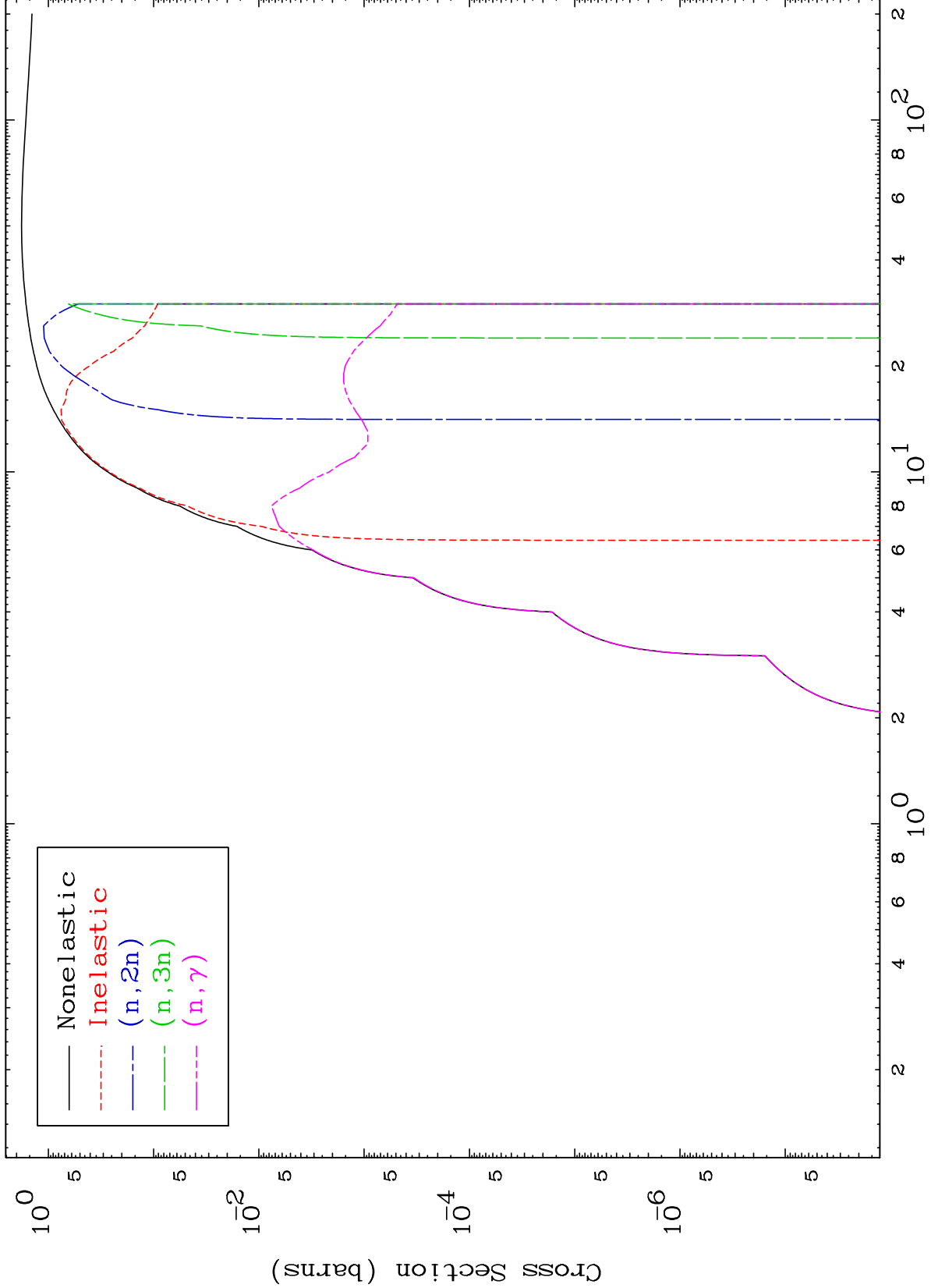
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

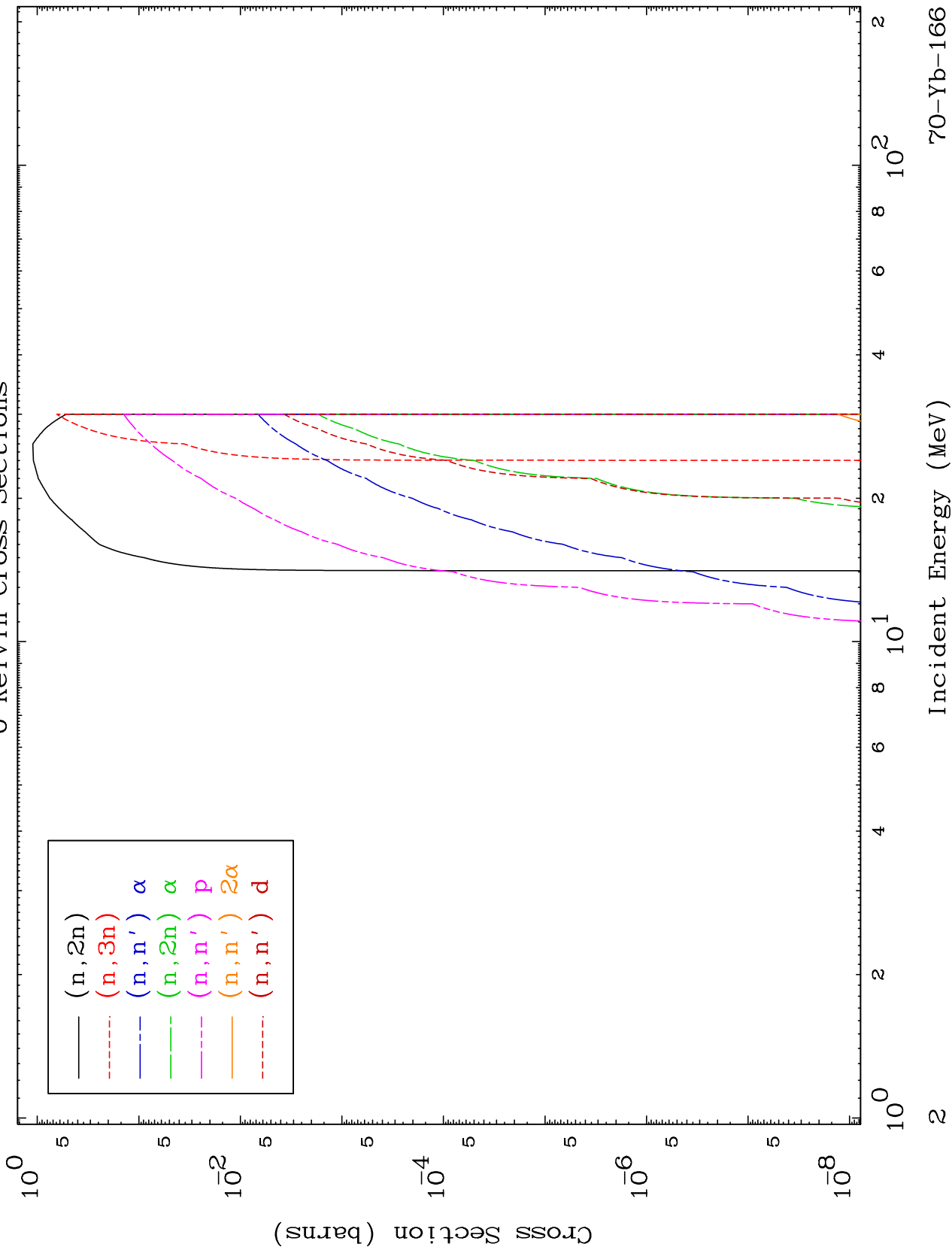
0 Kelvin Cross Sections



MAT 7019

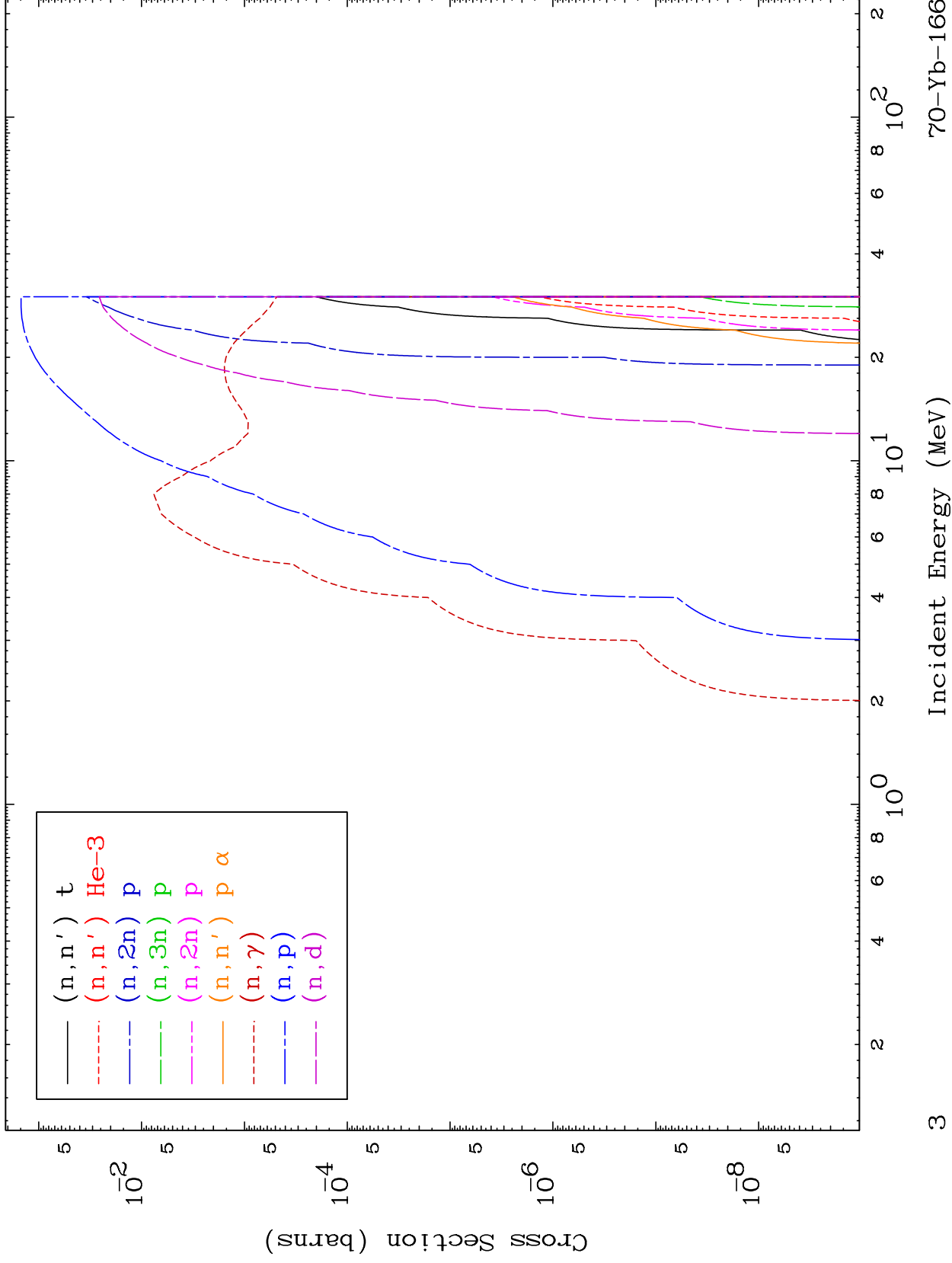
Proton Neutron Absorption
0 Kelvin Cross Sections

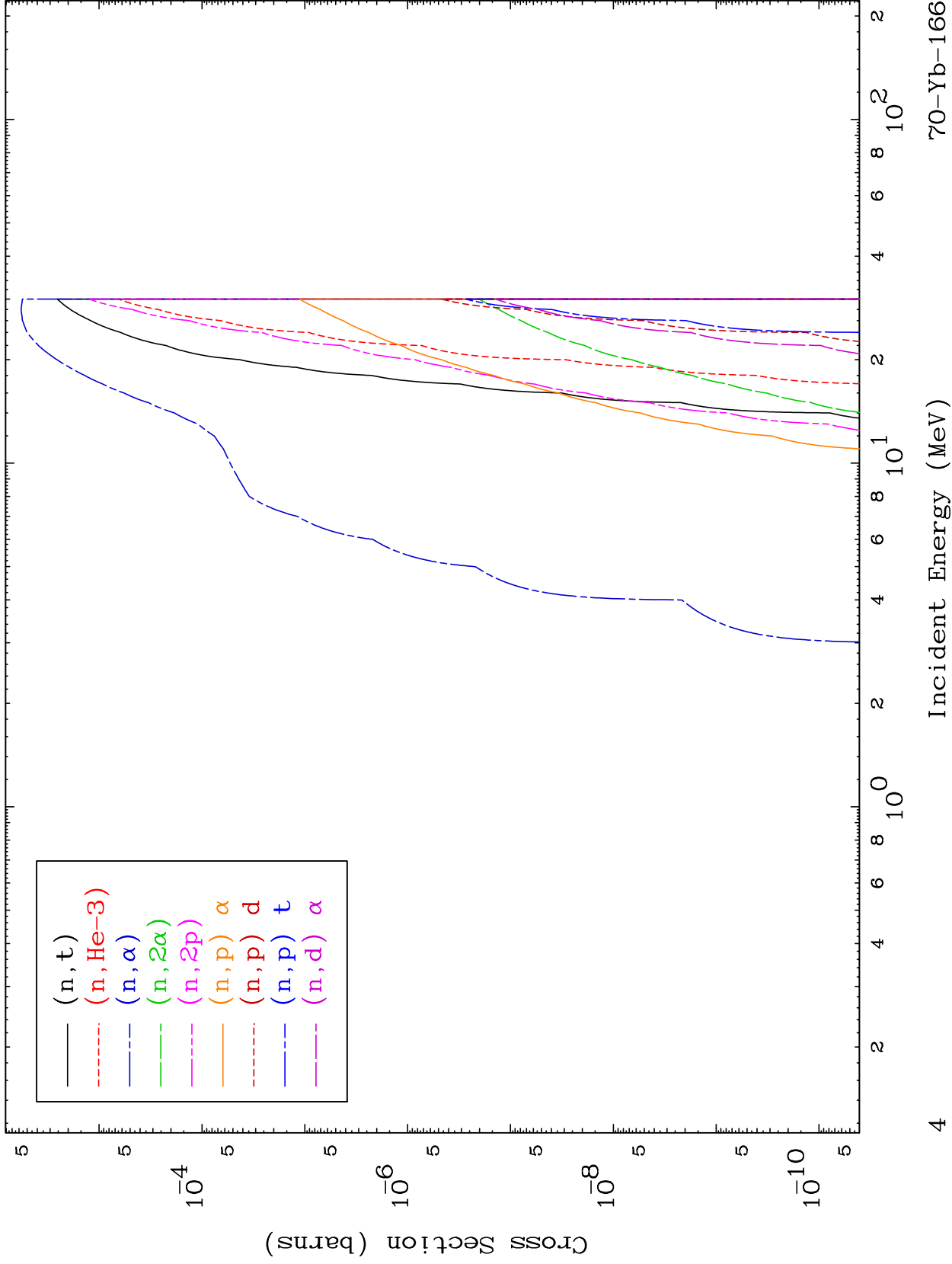
70-Yb-166

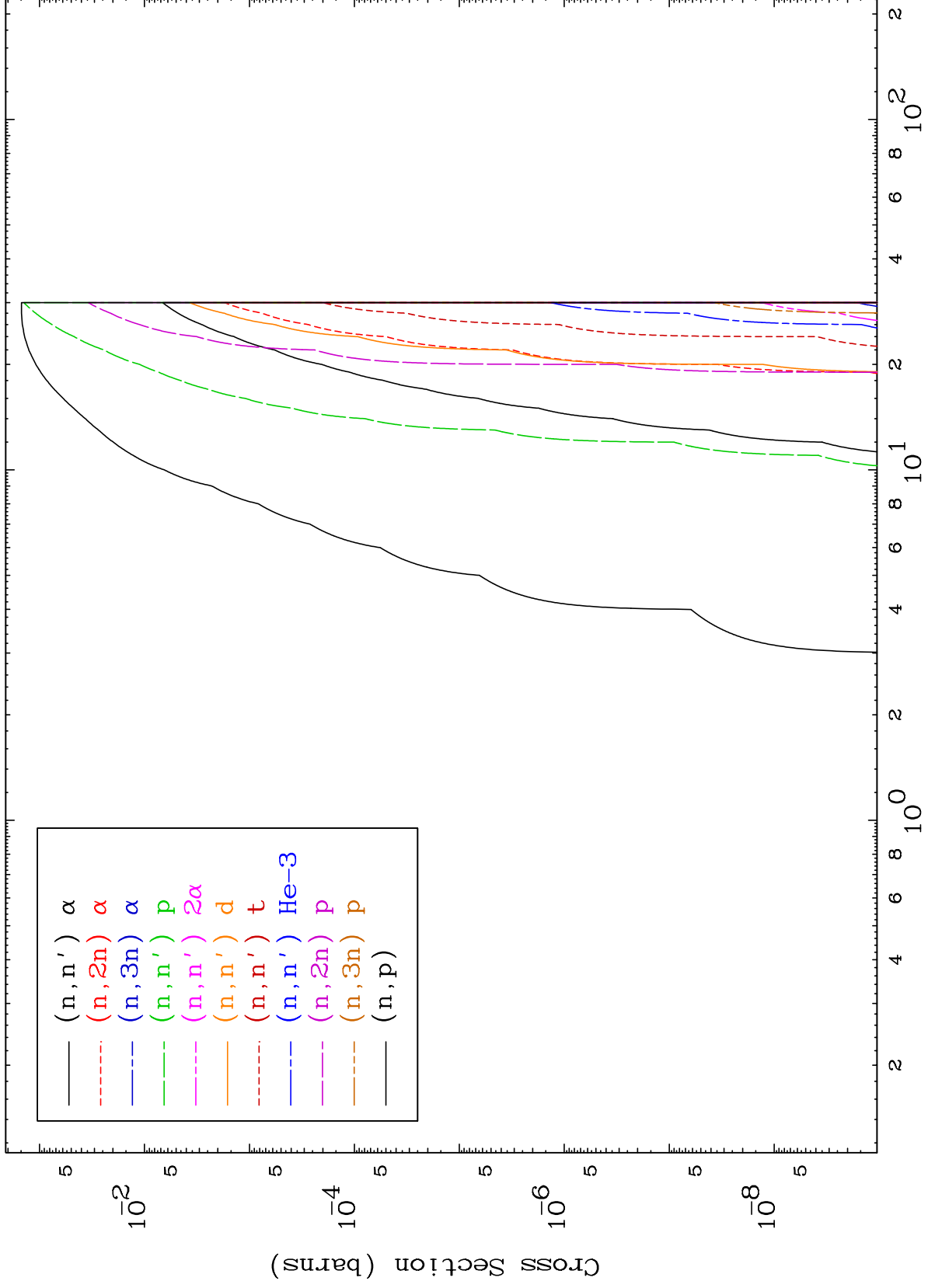


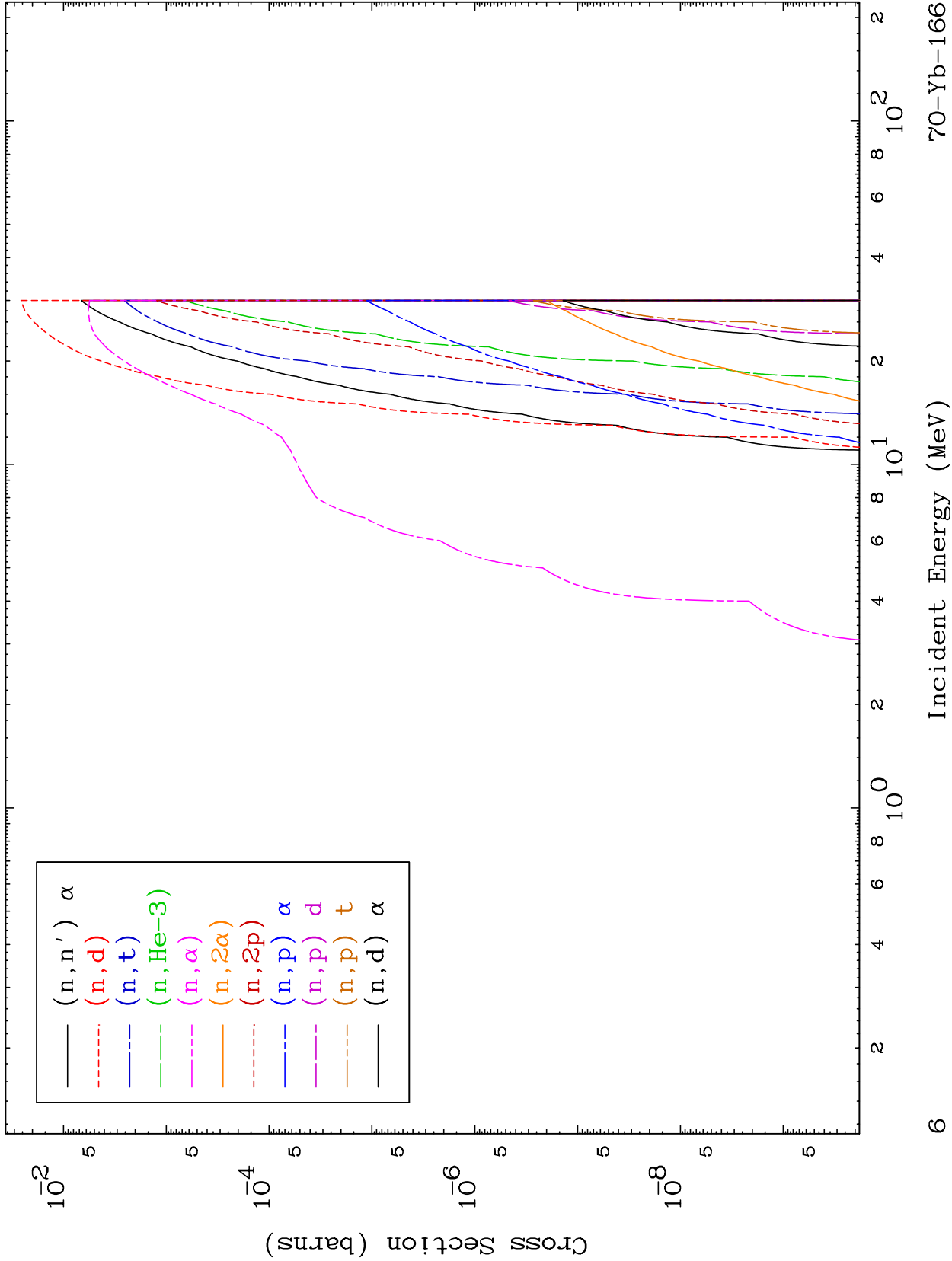
70-Yb-166

Incident Energy (MeV)





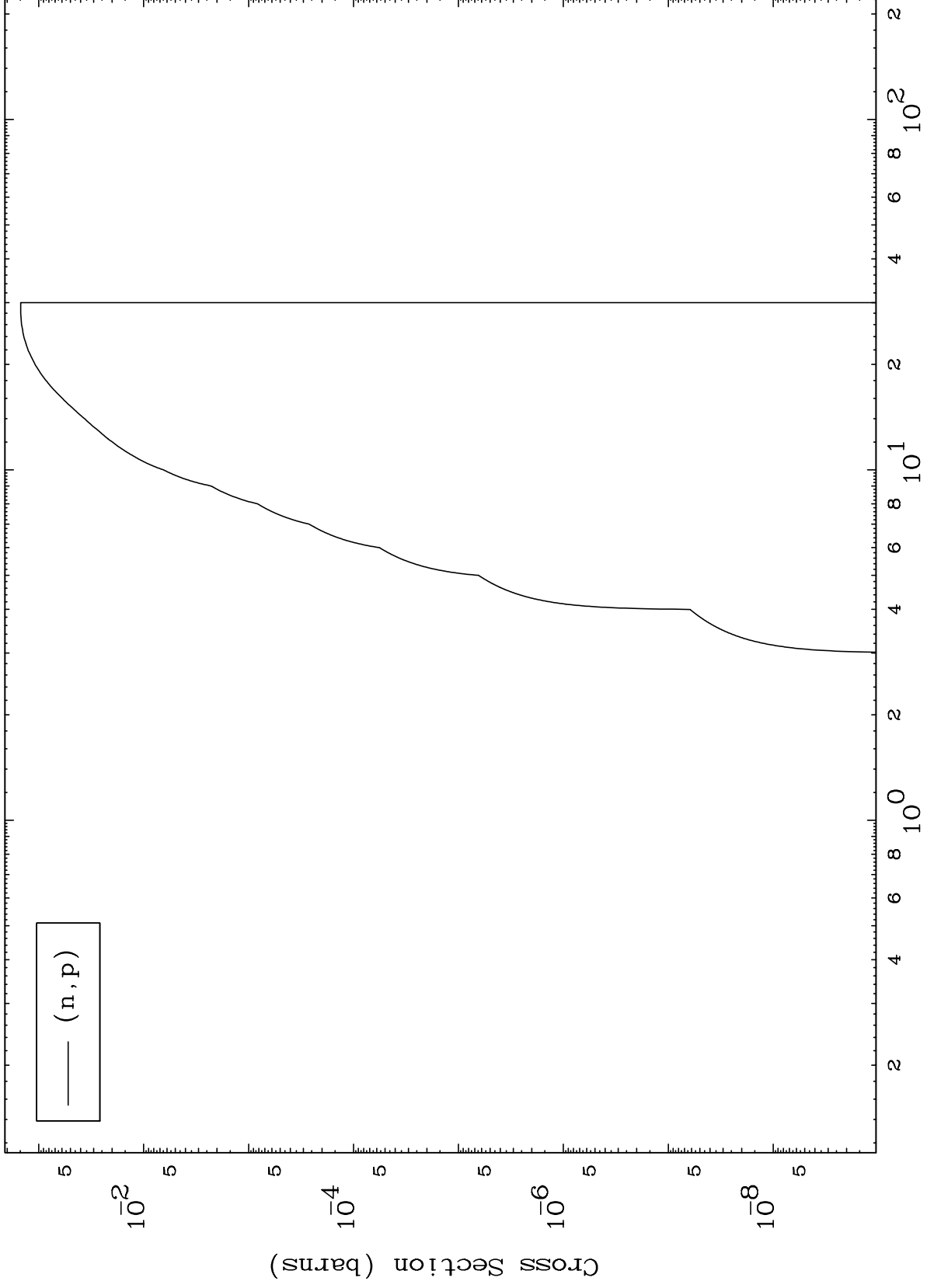




MAT 7019

(p,p) Levels
0 Kelvin Cross Sections

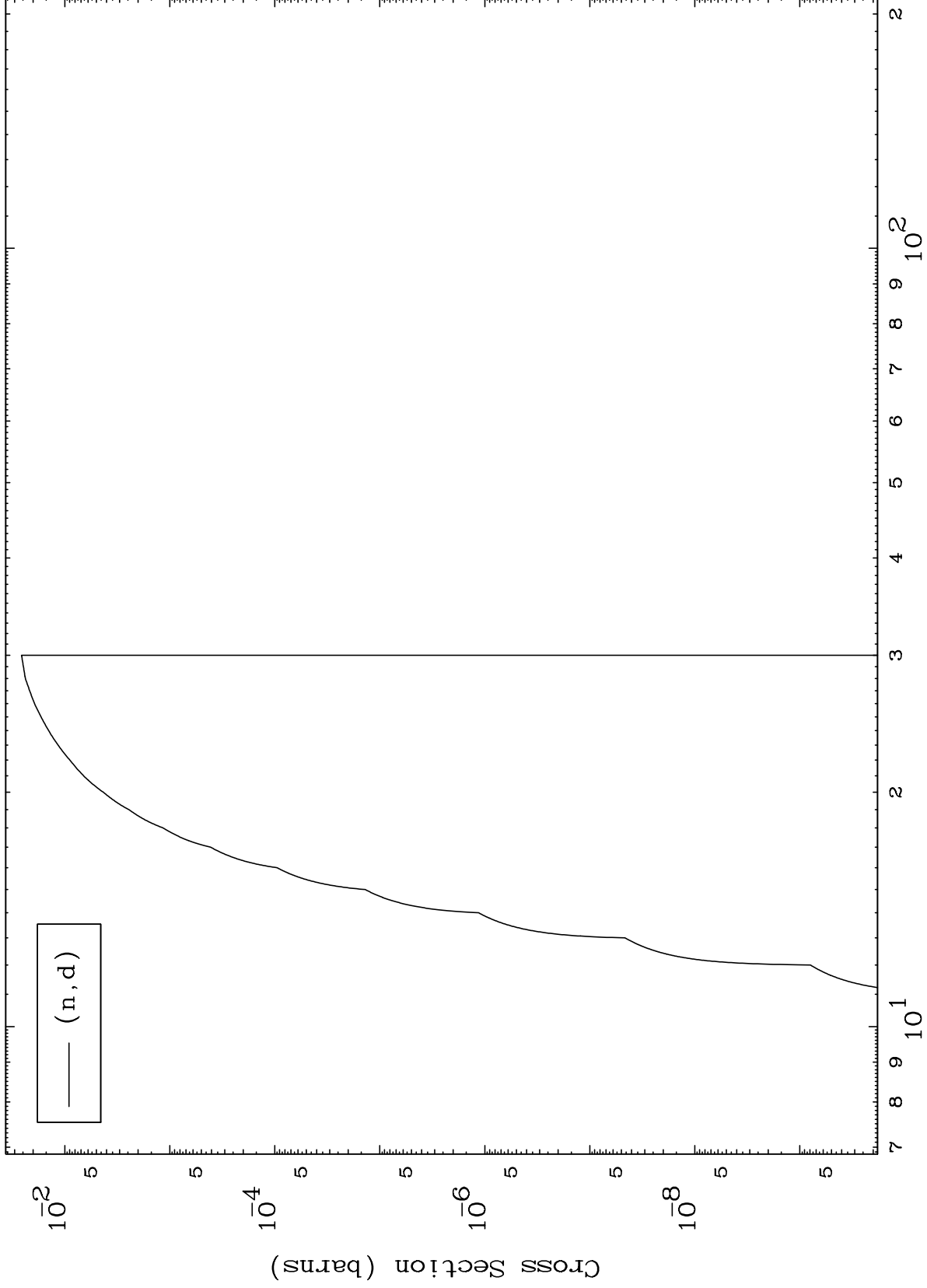
70-Yb-166



MAT 7019

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-166



8

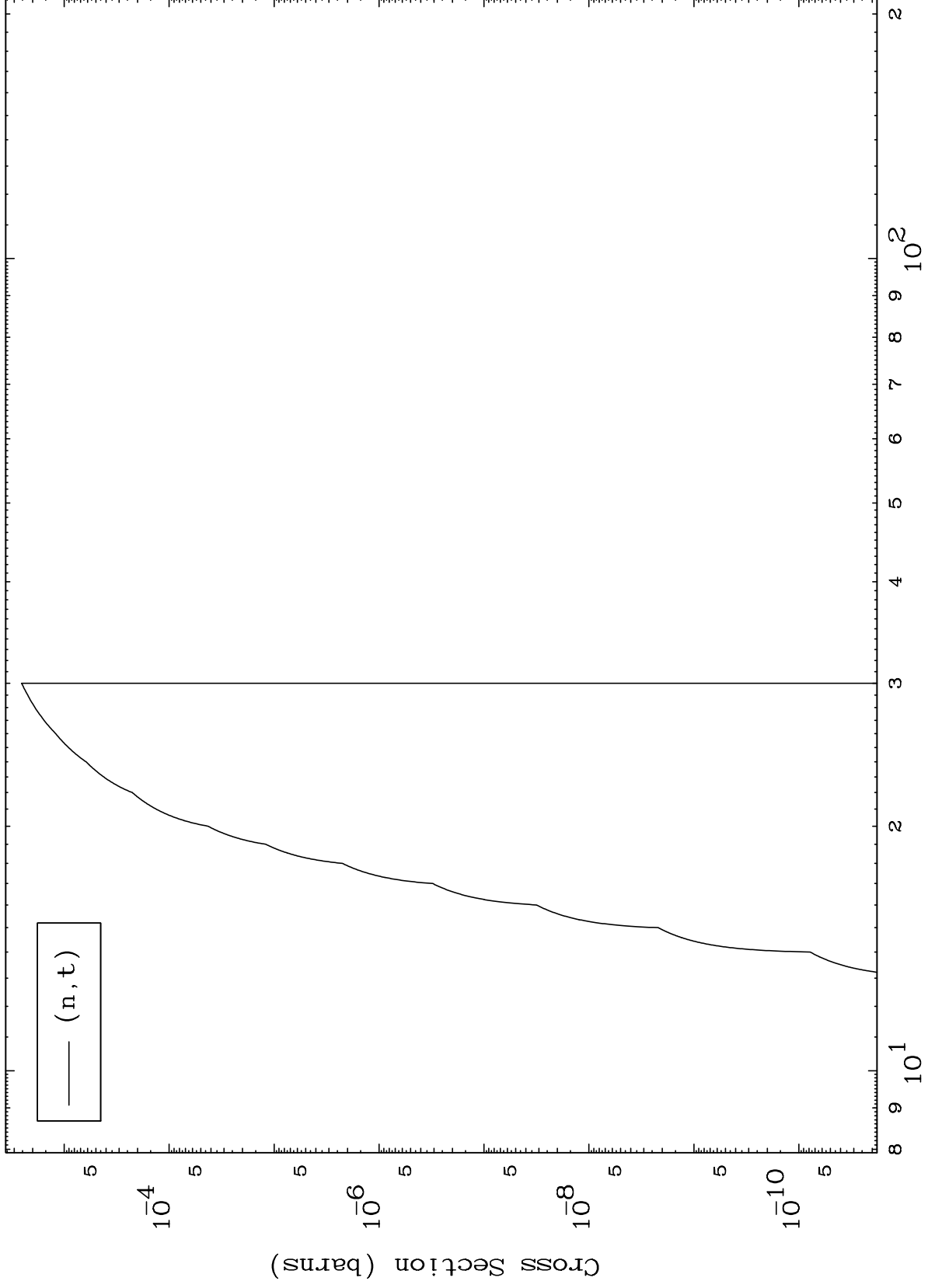
Incident Energy (MeV)

70-Yb-166

MAT 7019

(p,t) Levels
0 Kelvin Cross Sections

70-Yb-166



9

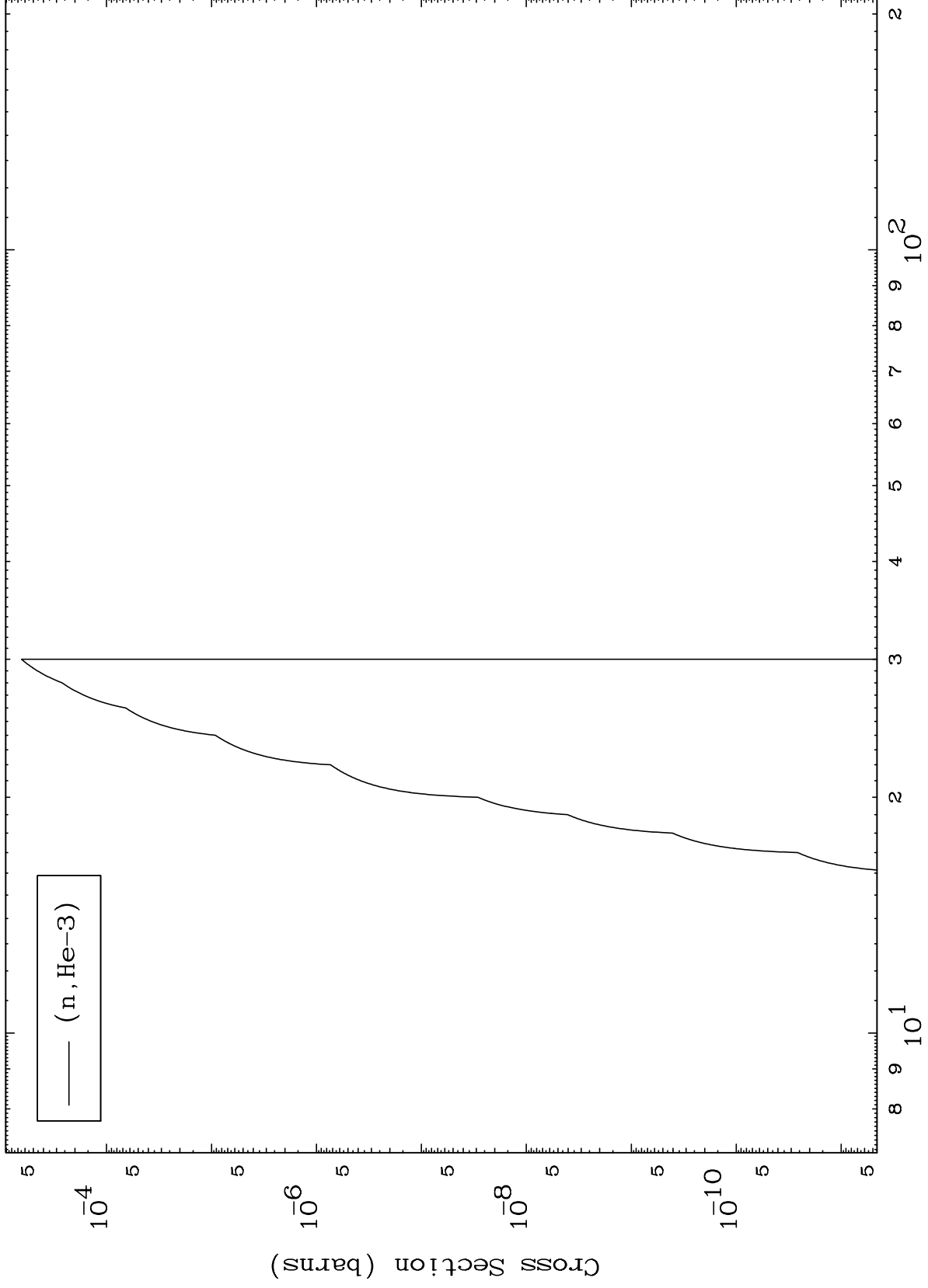
Incident Energy (MeV)

70-Yb-166

MAT 7019

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-166



10

Incident Energy (MeV)

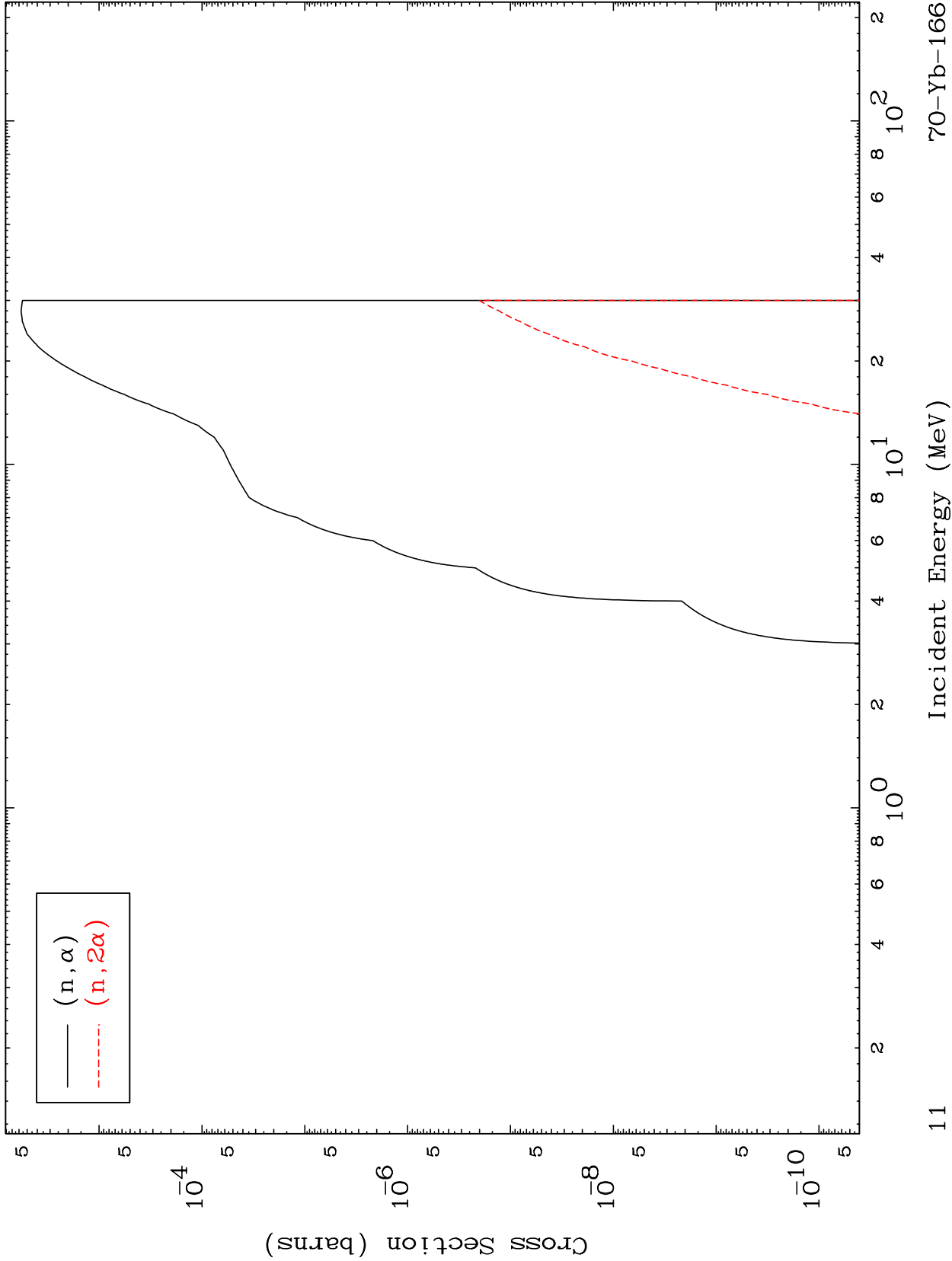
70-Yb-166

MAT 7019

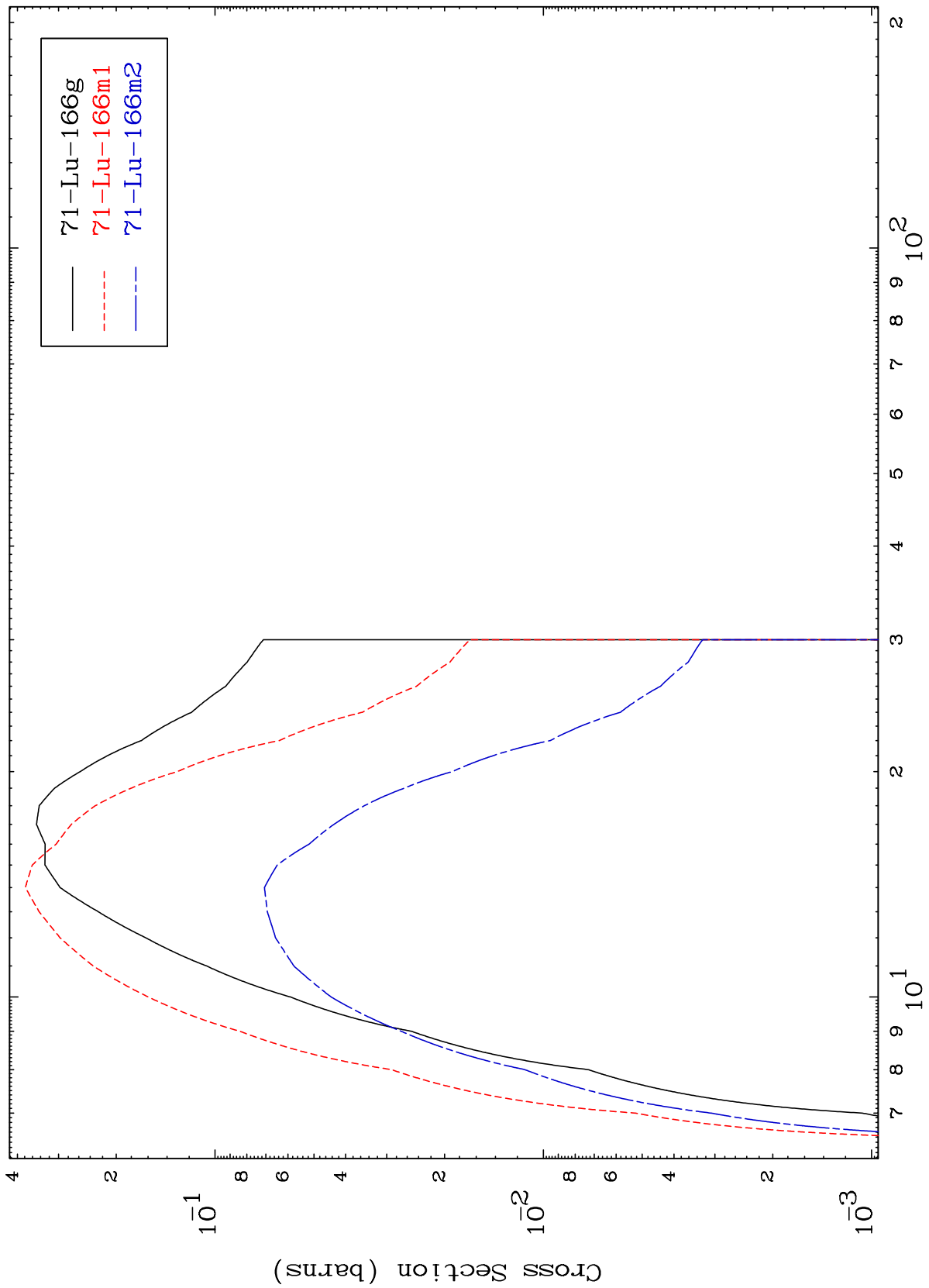
(p, α) Levels

70-Yb-166

0 Kelvin Cross Sections



Inelastic
Radionuclide Production Cross Section

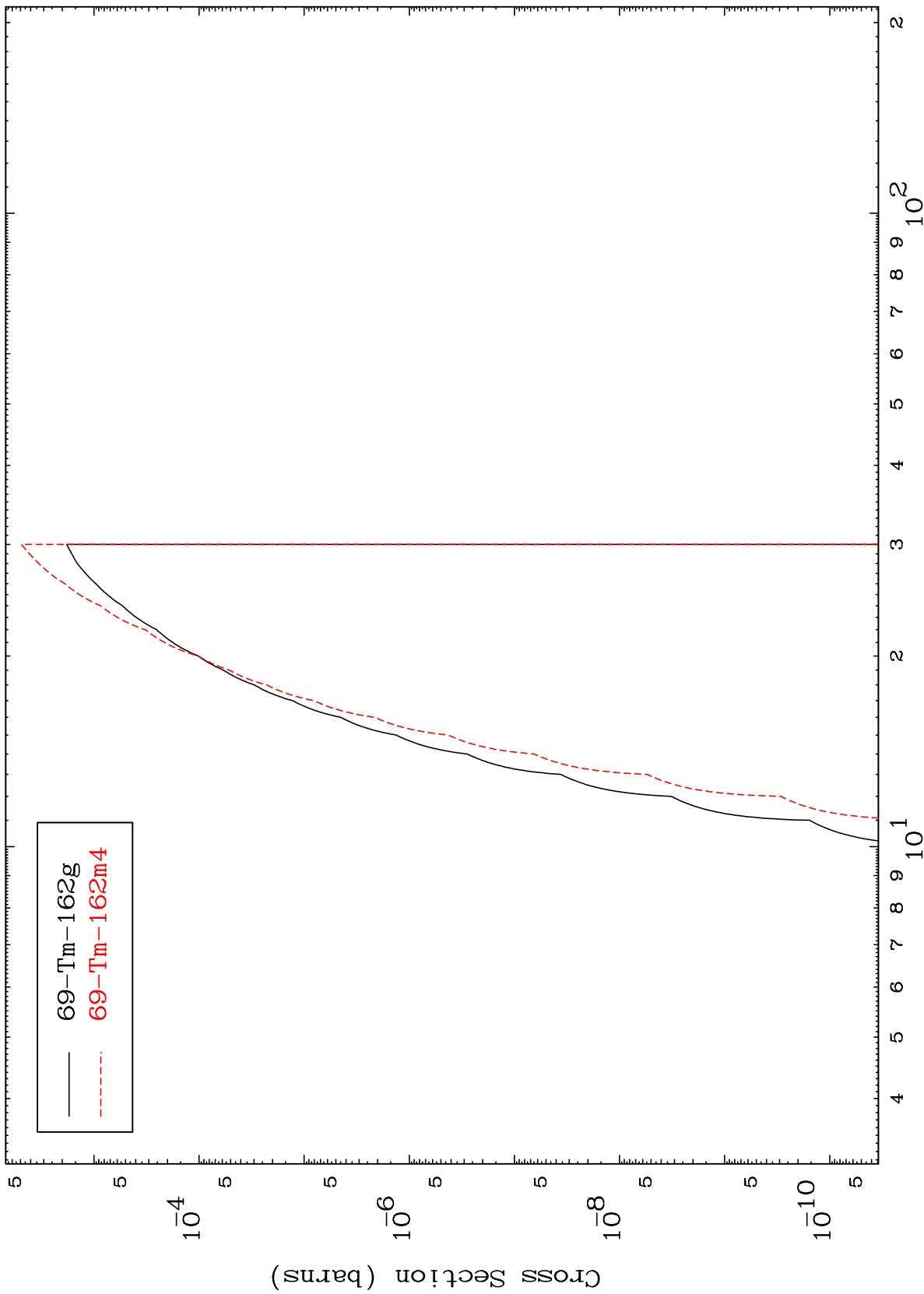


MAT 7019

70-Yb-166

(n,n') α

Radionuclide Production Cross Section



70-Yb-166

Incident Energy (MeV)

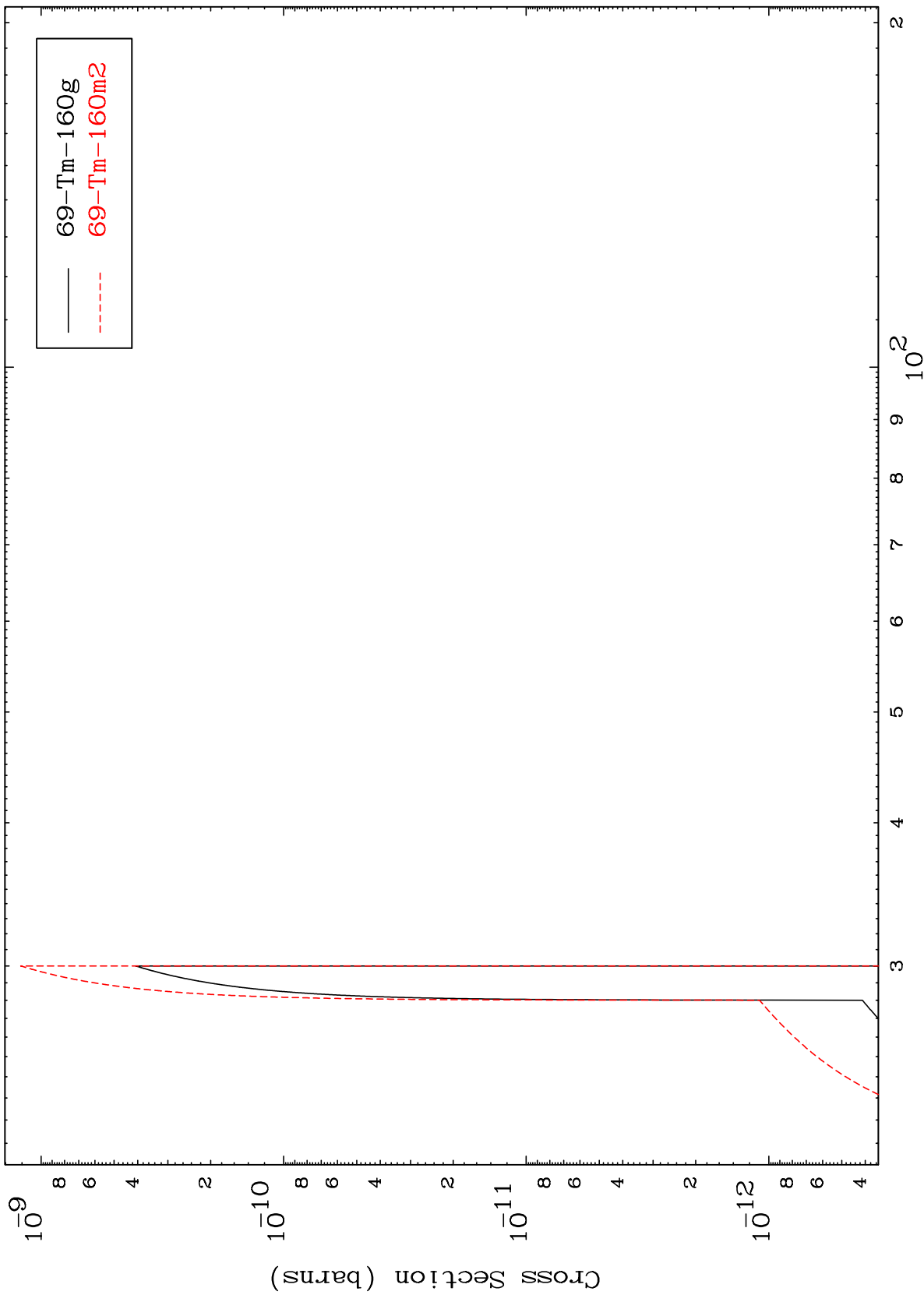
13

MAT 7019

(n,3n) α

70-Yb-166

Radionuclide Production Cross Section



14

Incident Energy (MeV)

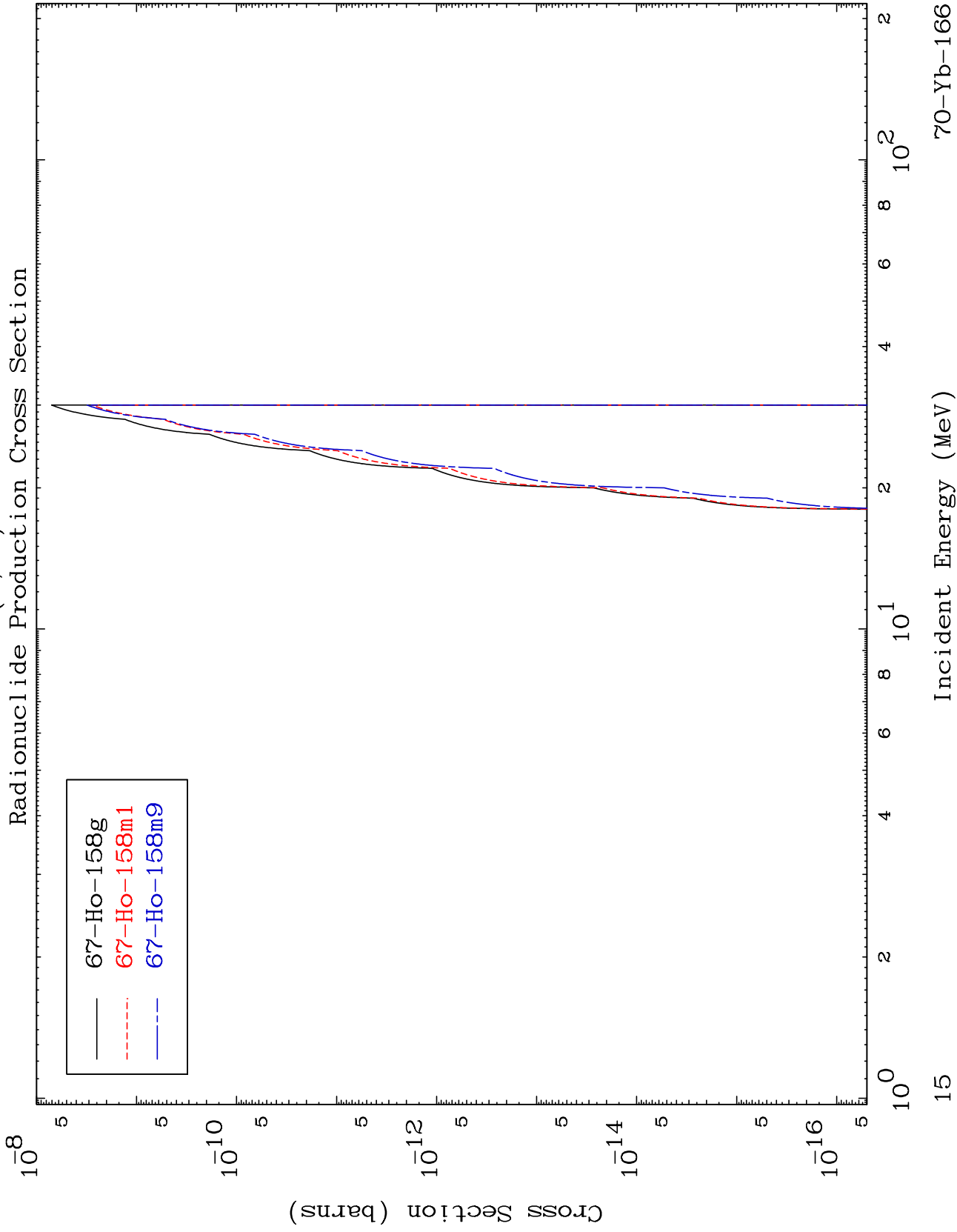
70-Yb-166

MAT 7019

(n,n') 2 α

70-Yb-166

Radionuclide Production Cross Section

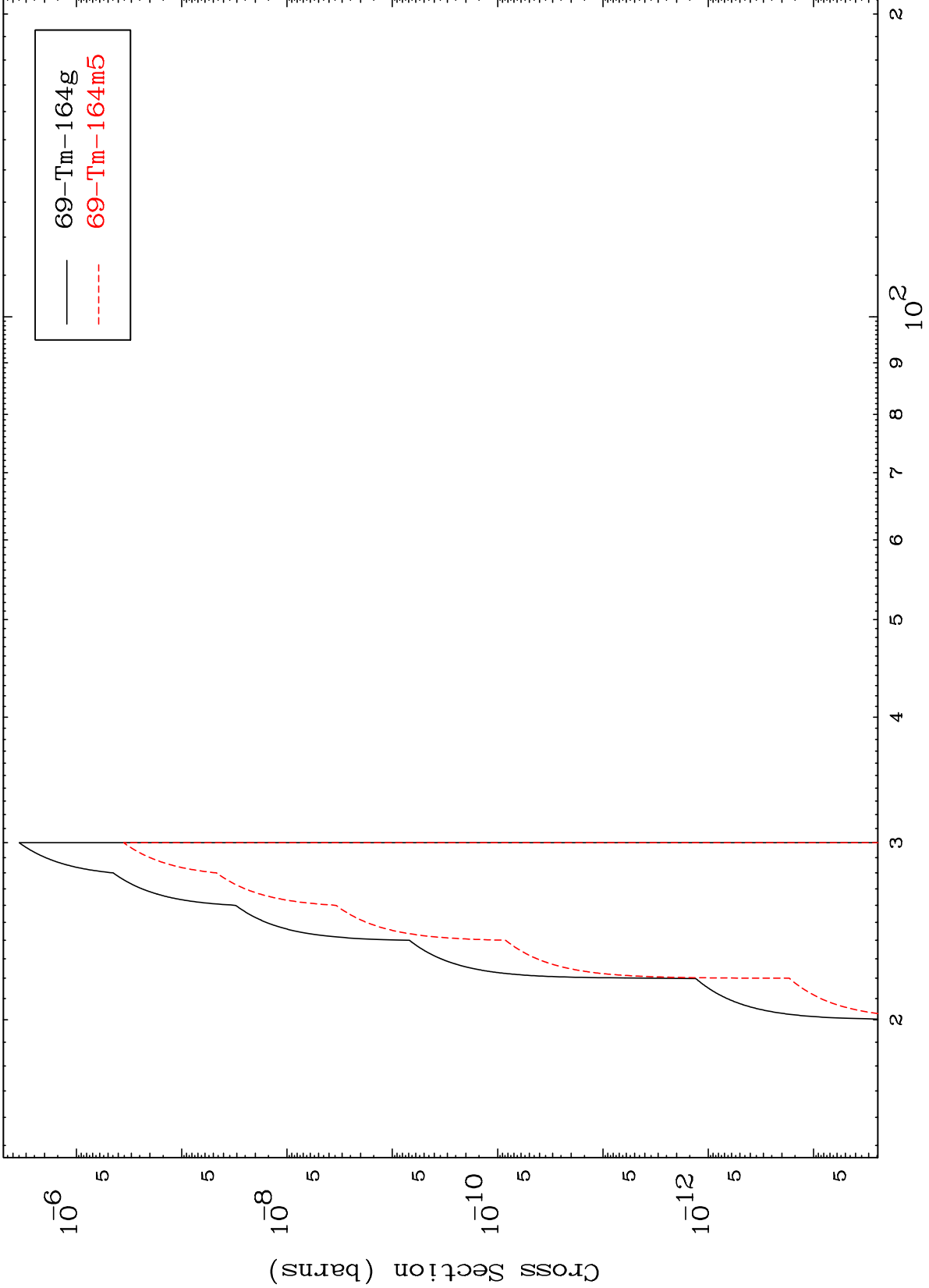


Incident Energy (MeV)

70-Yb-166

15

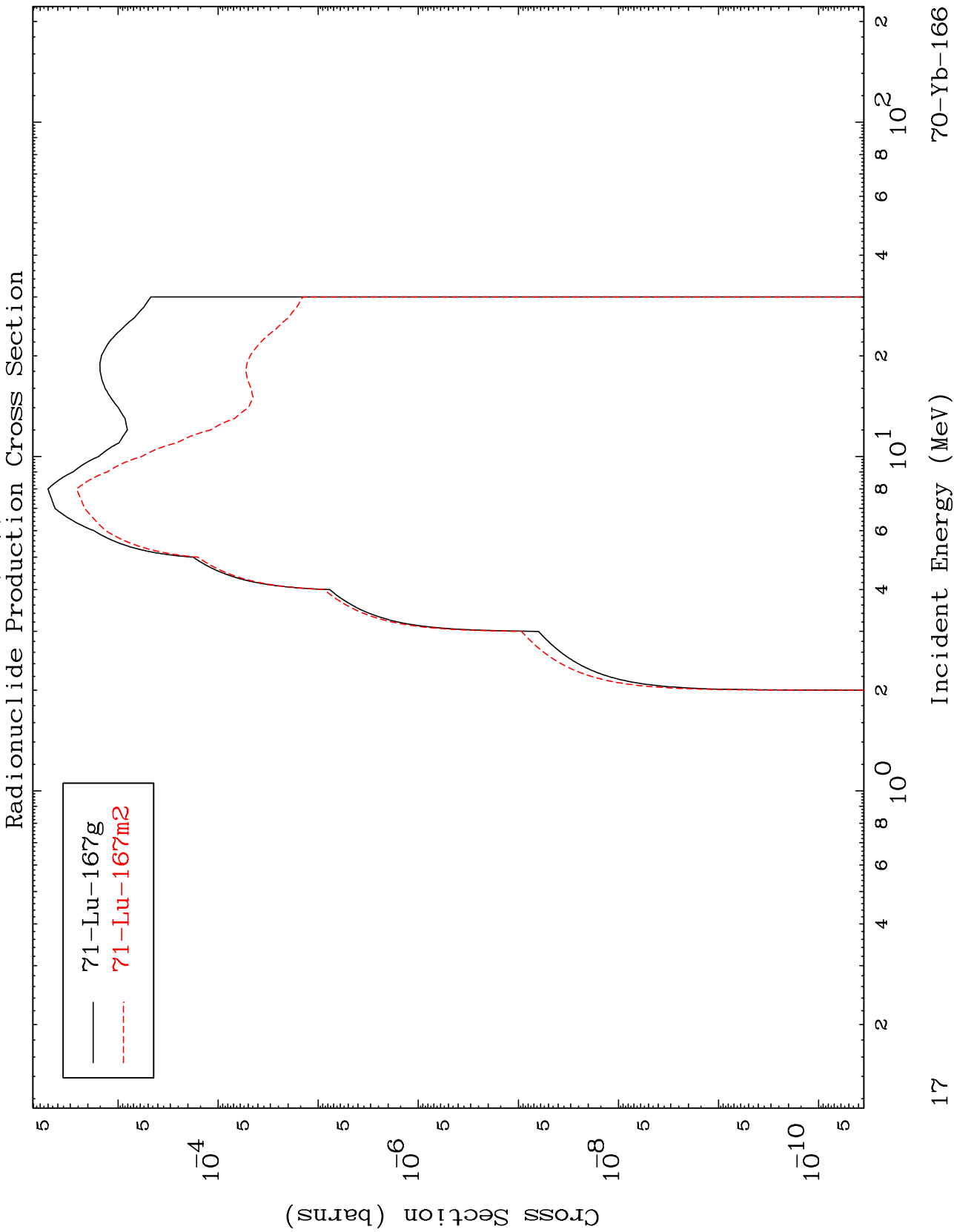
Radionuclide Production Cross Section



69-Tm-164g
69-Tm-164m5

MAT 7019

70-Yb-166



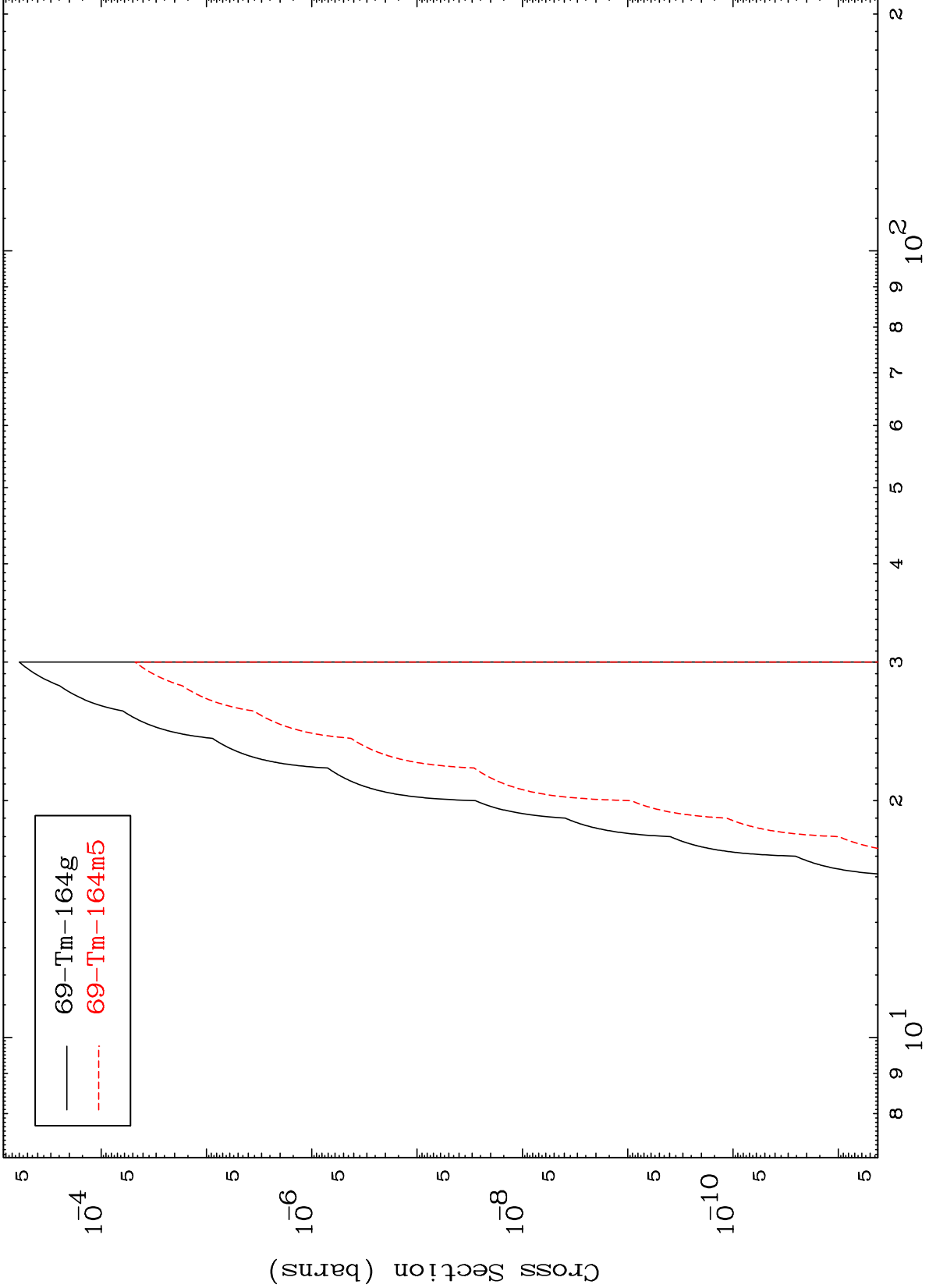
— 71-Lu-167g
- - - 71-Lu-167m2

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(n,He-3)

70-Yb-166

Radionuclide Production Cross Section



69-Tm-164g
69-Tm-164m5

18

Incident Energy (MeV)

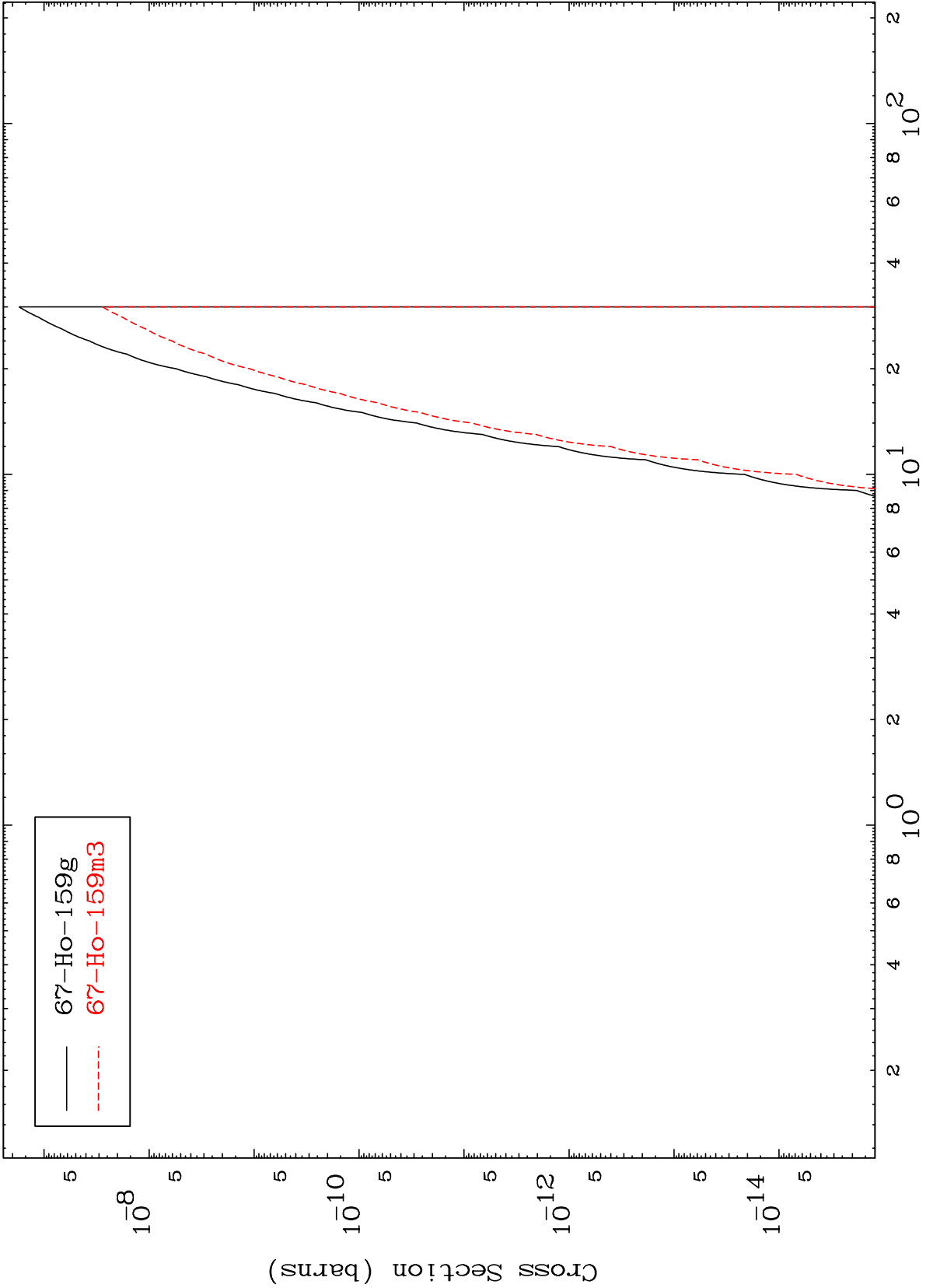
70-Yb-166

MAT 7019

(n,2α)

70-Yb-166

Radionuclide Production Cross Section



67-Ho-159g
67-Ho-159m3

