

Program EVALPLOT
(Version 2021-1)

by

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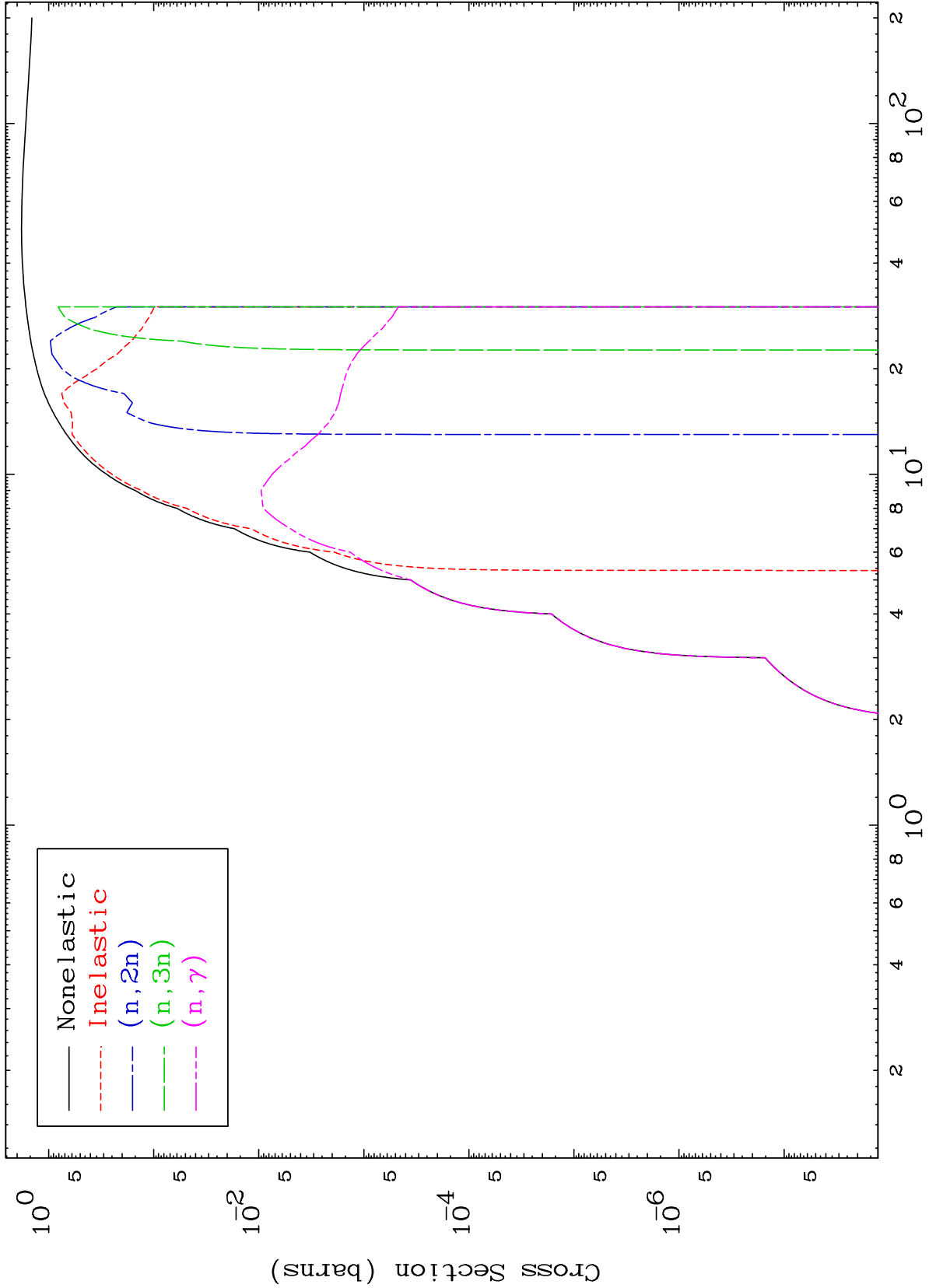
Press Mouse Button to Start

MAT 7025

Proton Major

70-Yb-168

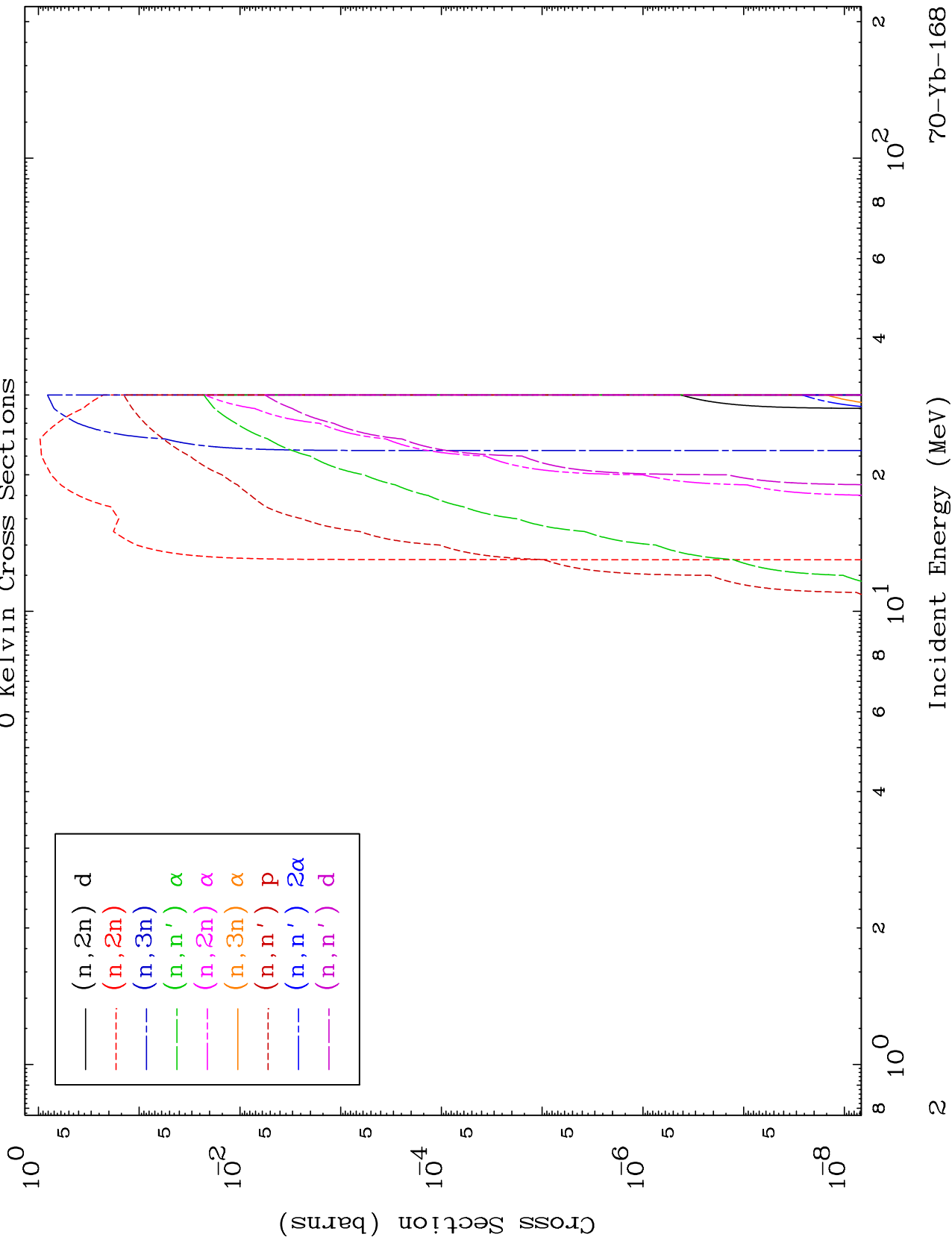
0 Kelvin Cross Sections



MAT 7025

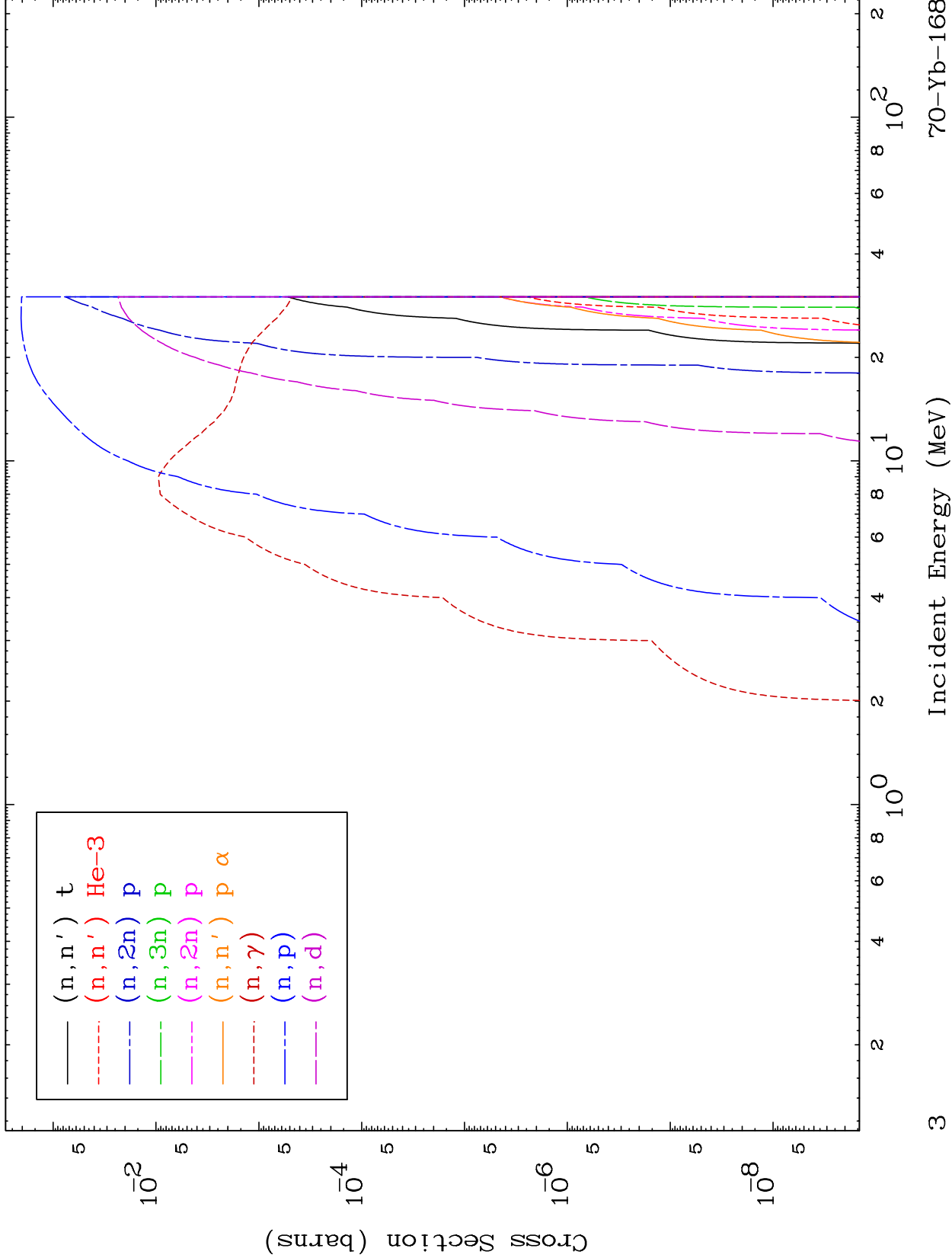
Proton Neutron Absorption
0 Kelvin Cross Sections

70-Yb-168



70-Yb-168

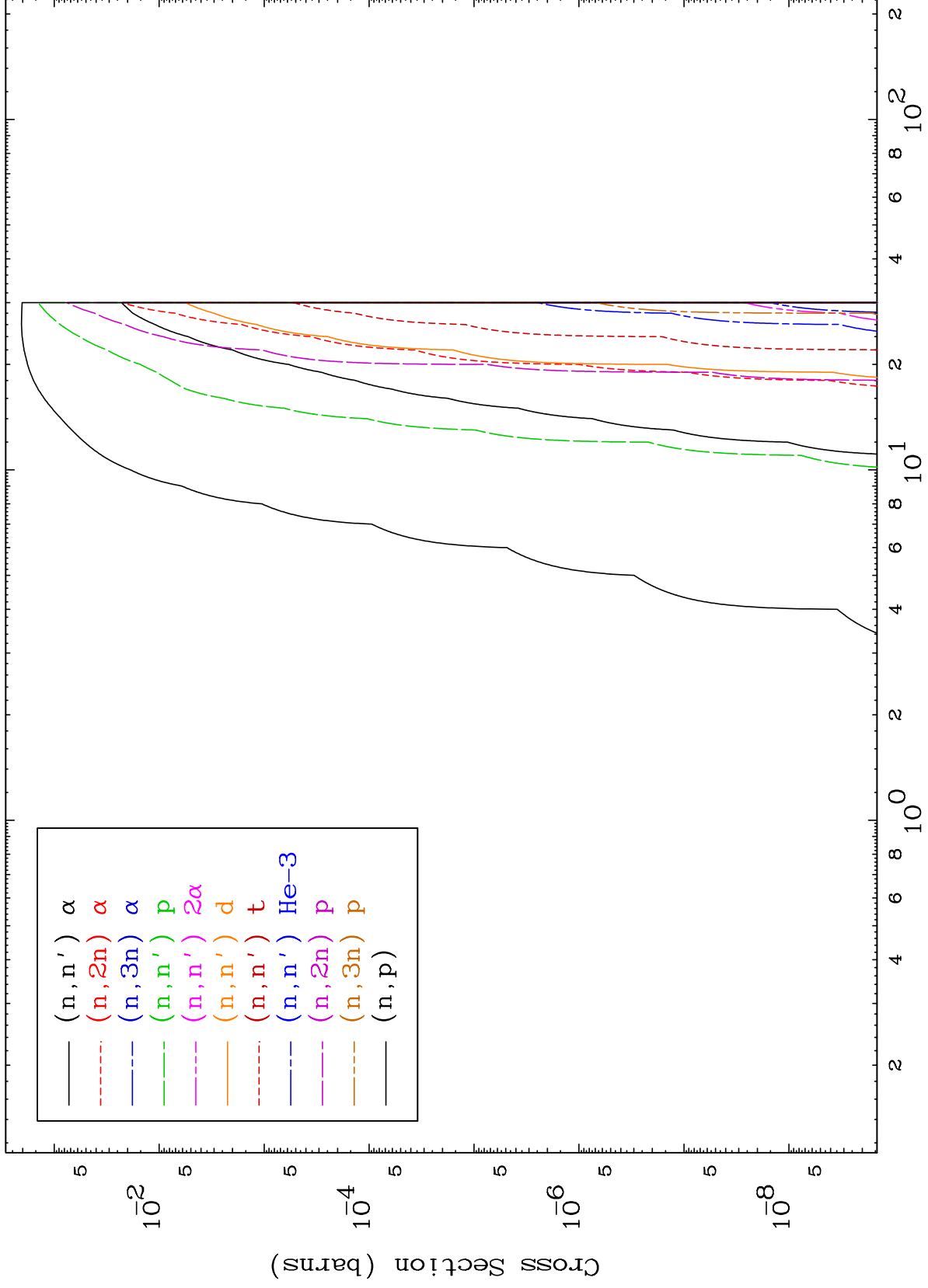
Incident Energy (MeV)

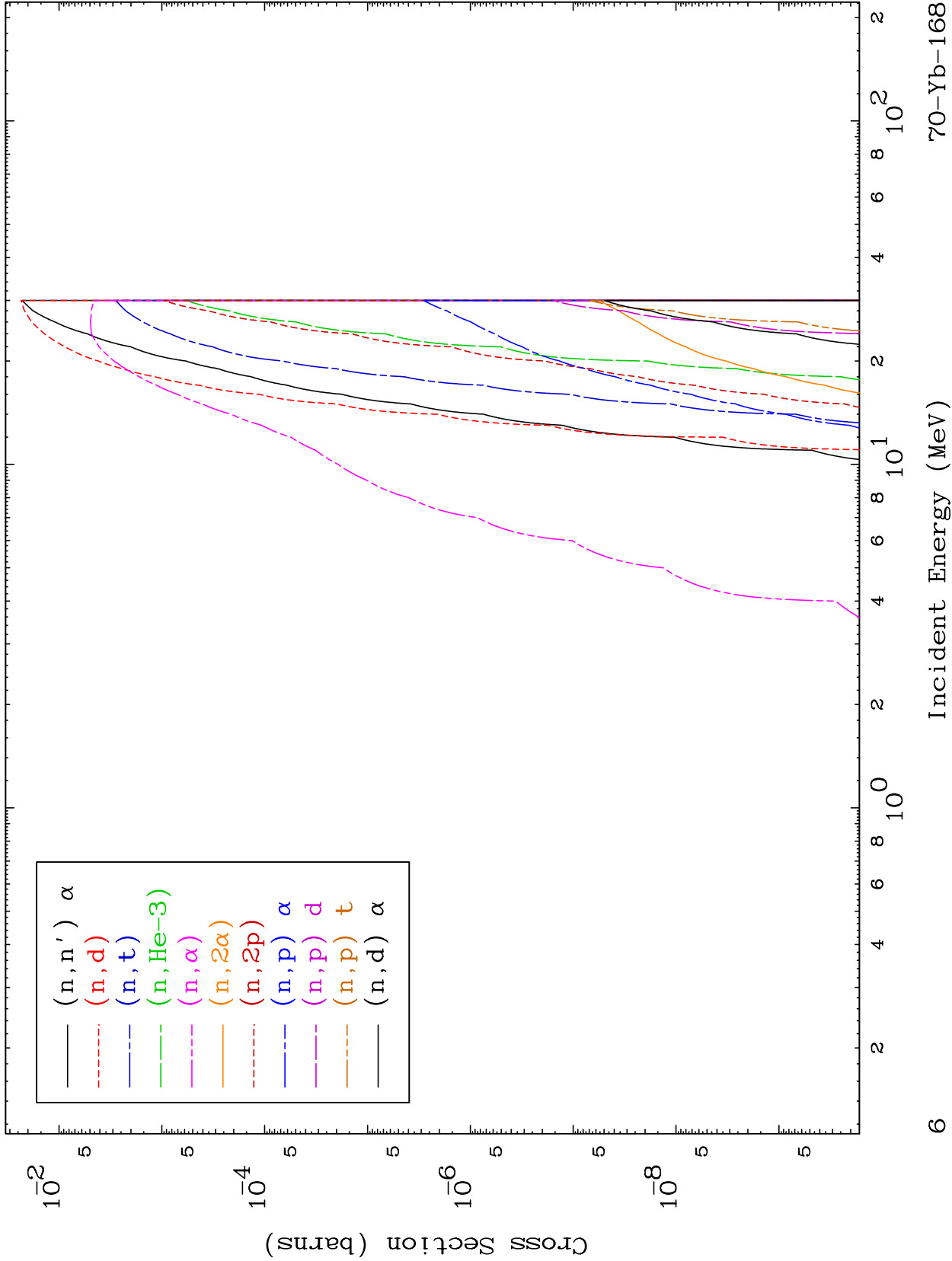


MAT 7025

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-168



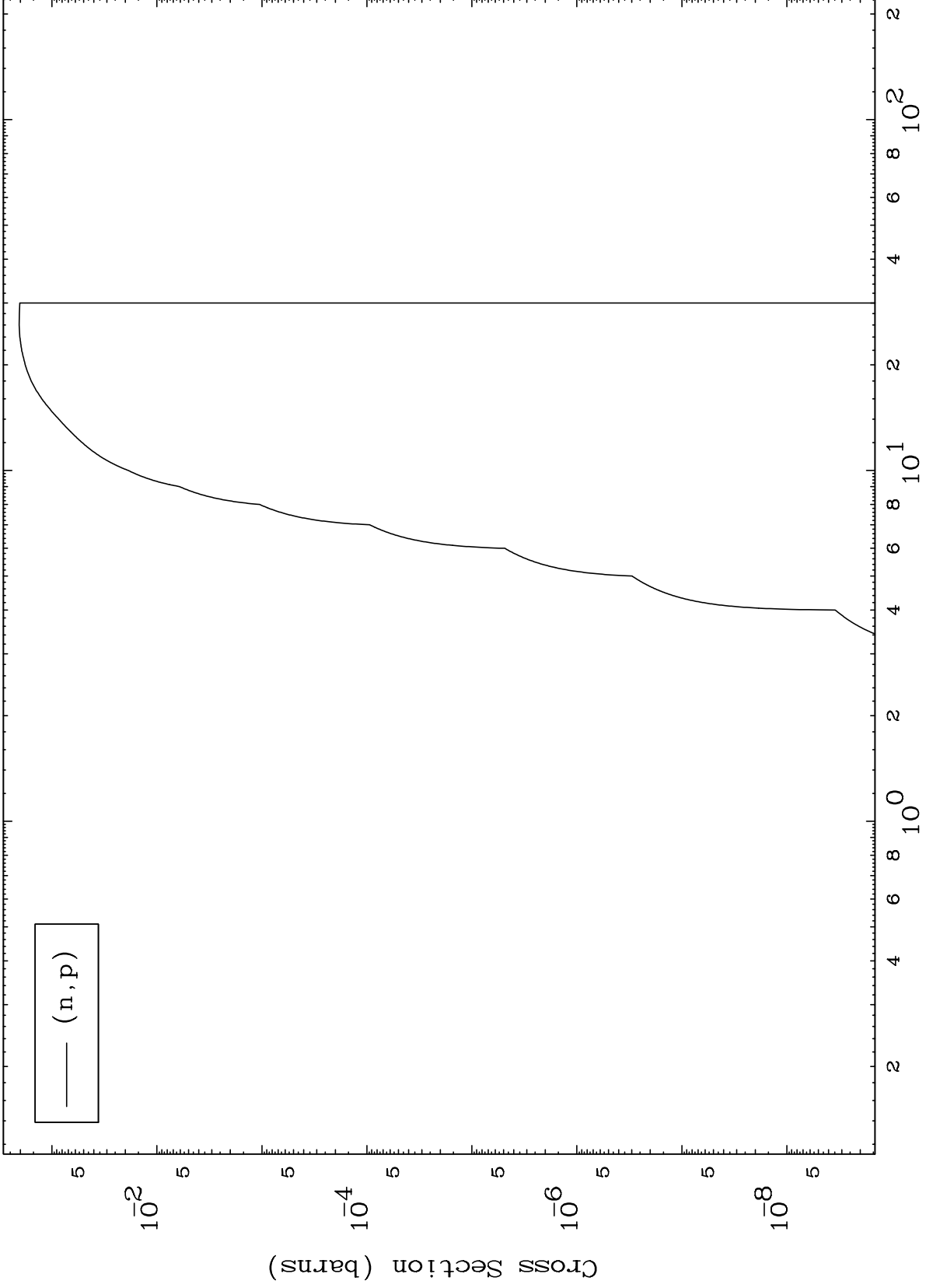


MAT 7025

(p,p) Levels

70-Yb-168

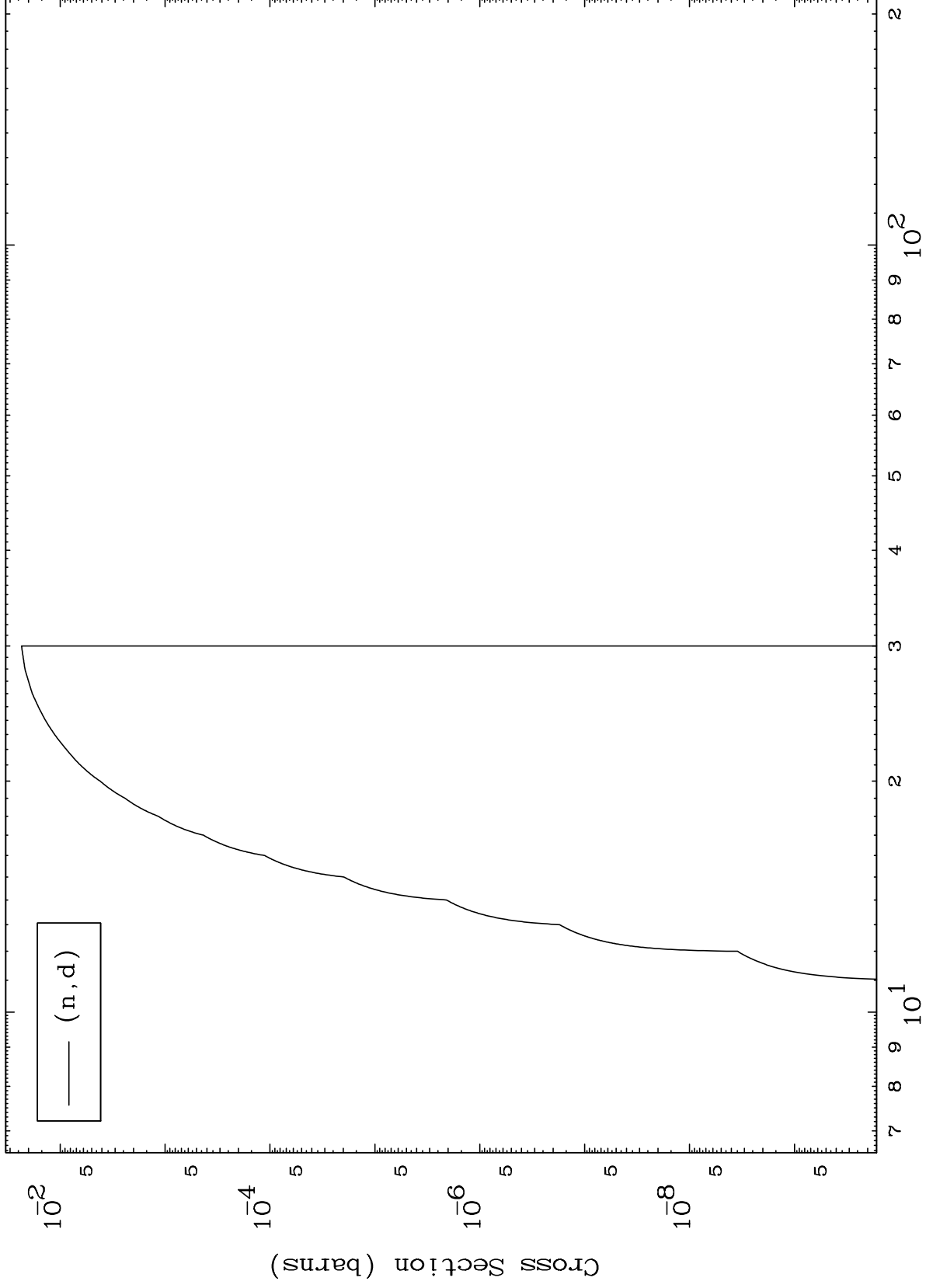
0 Kelvin Cross Sections



MAT 7025

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-168



8

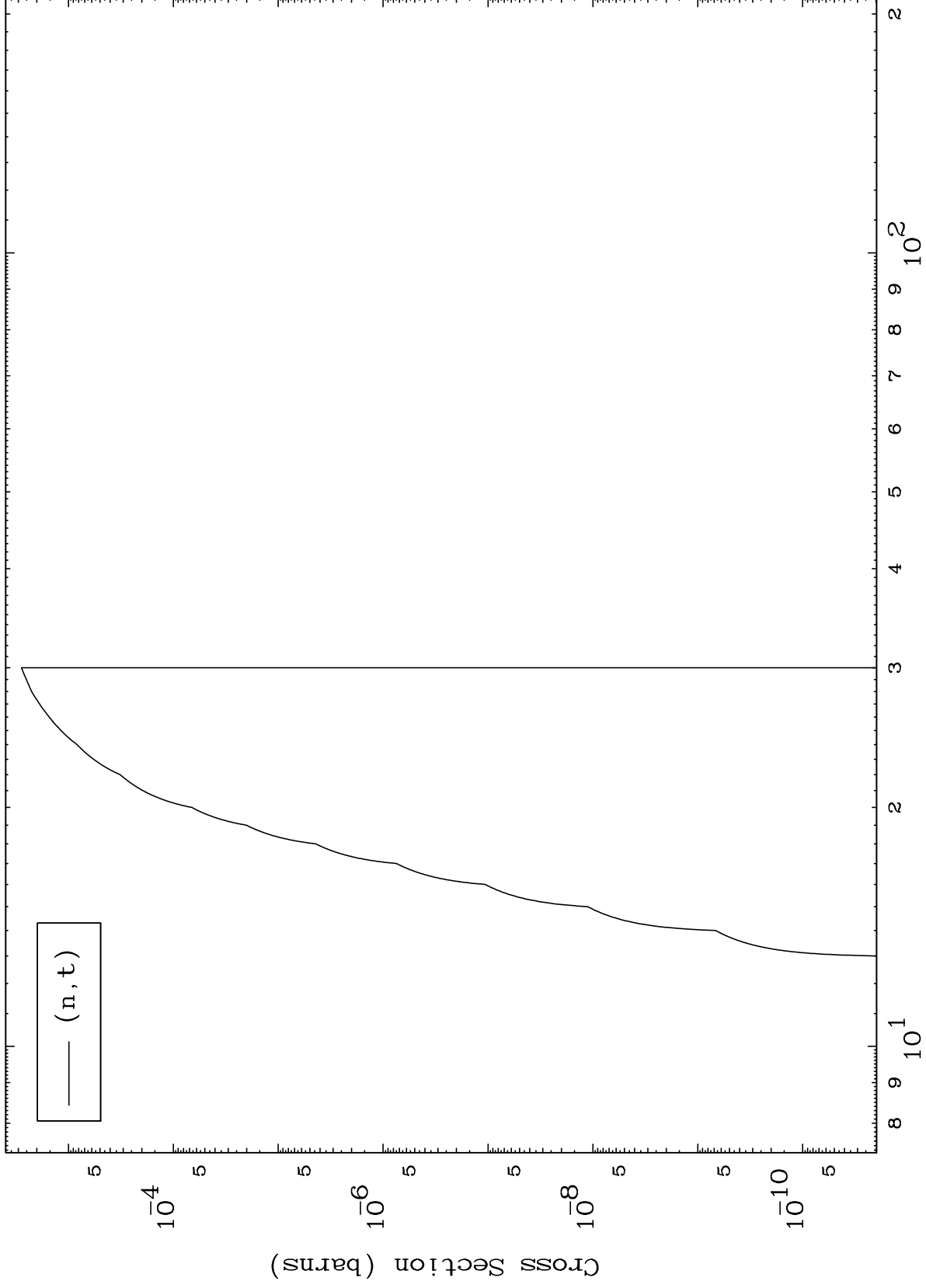
Incident Energy (MeV)

70-Yb-168

MAT 7025

(p,t) Levels
0 Kelvin Cross Sections

70-Yb-168



9

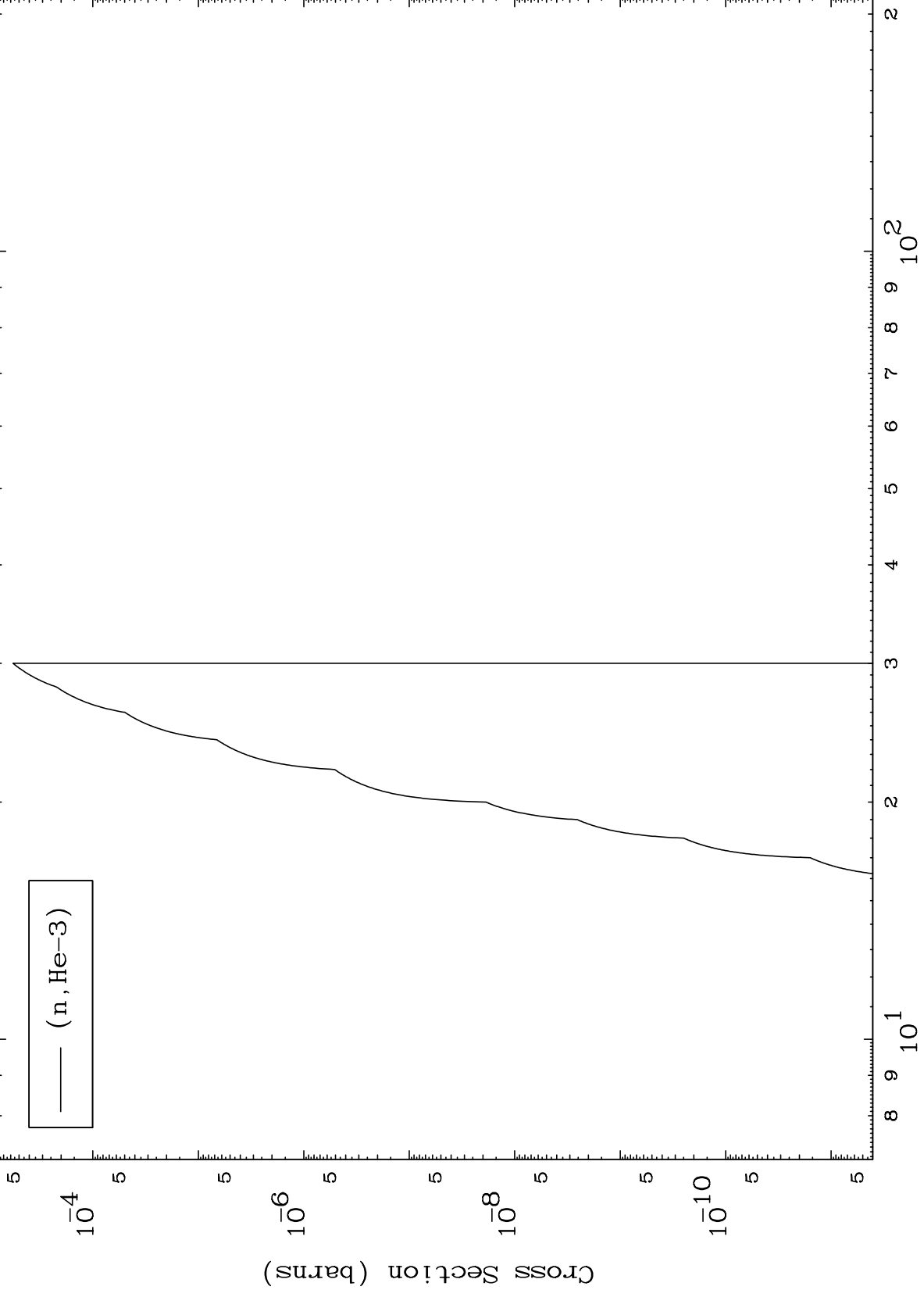
Incident Energy (MeV)

70-Yb-168

MAT 7025

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-168



10

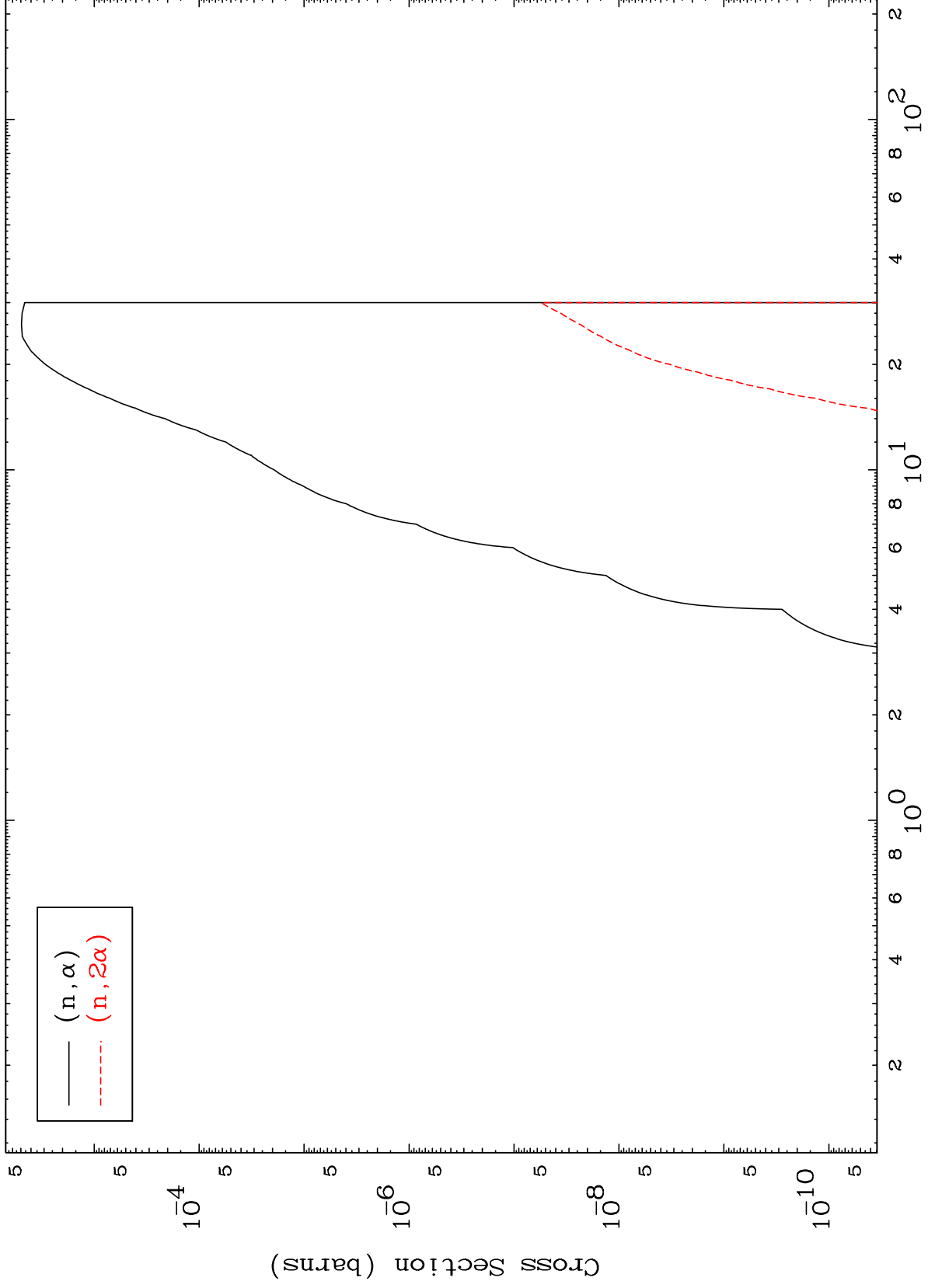
Incident Energy (MeV)

70-Yb-168

MAT 7025

(p, α) Levels
0 Kelvin Cross Sections

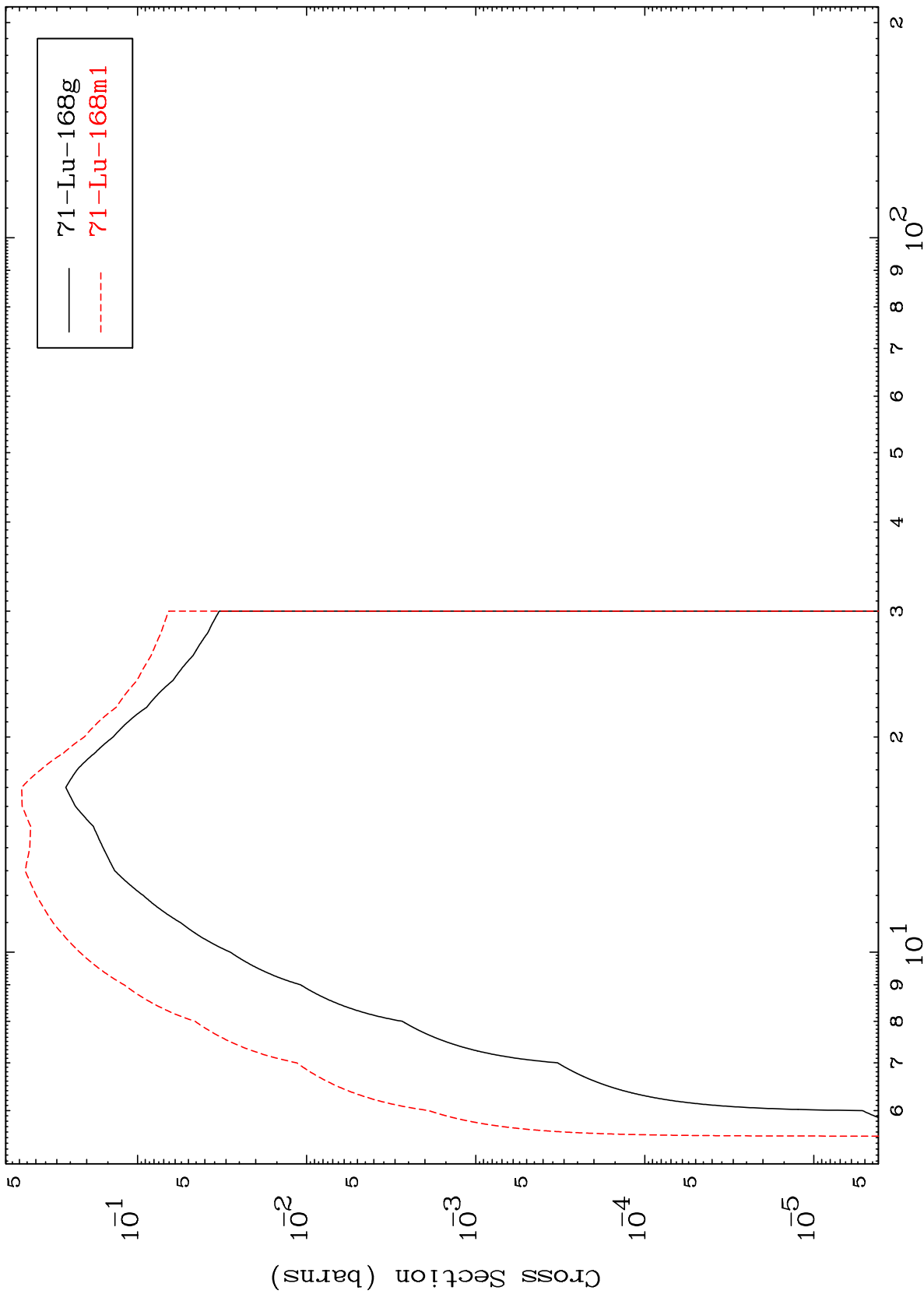
70-Yb-168



MAT 7025

70-Yb-168

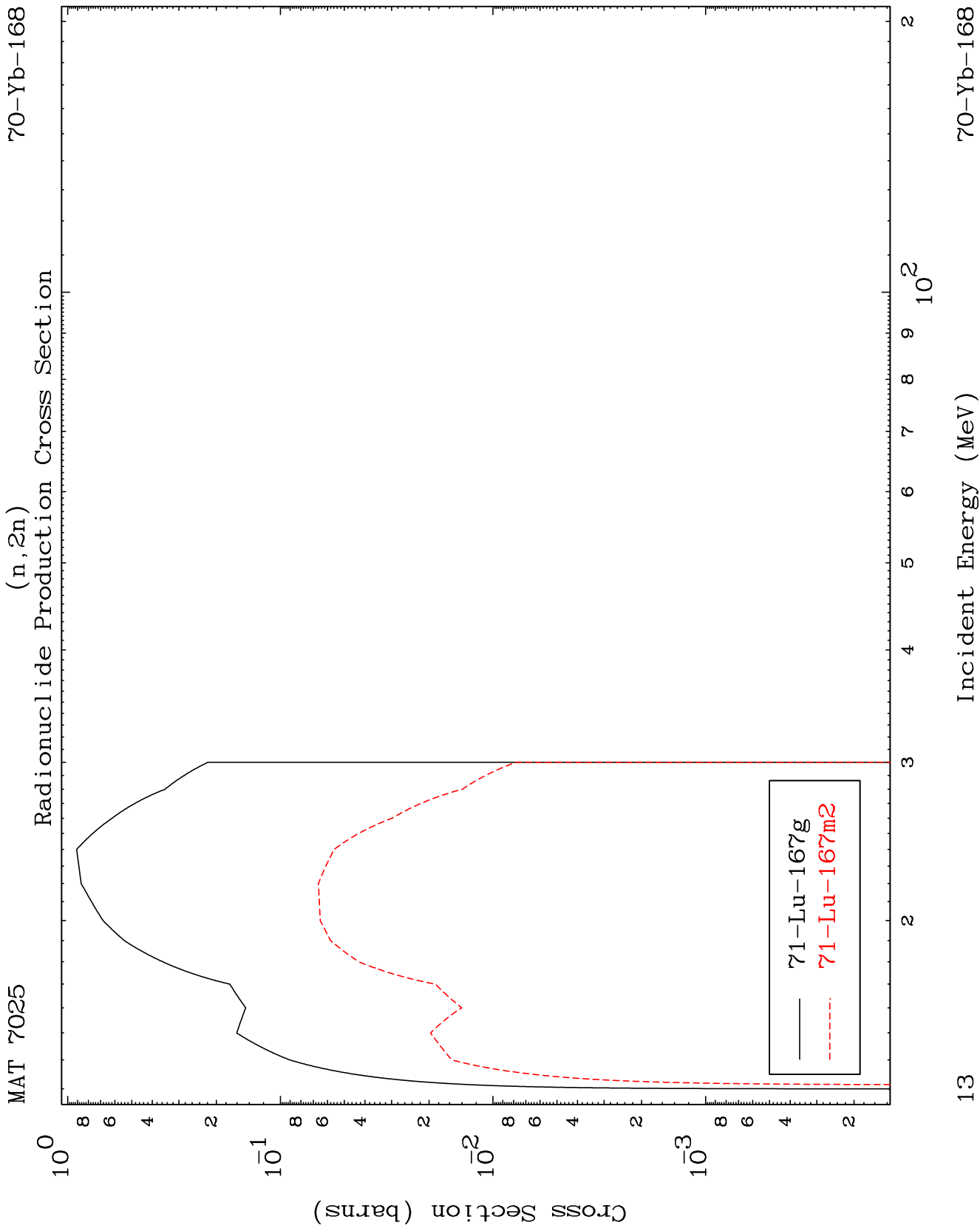
Inelastic
Radionuclide Production Cross Section



70-Yb-168

Incident Energy (MeV)

12

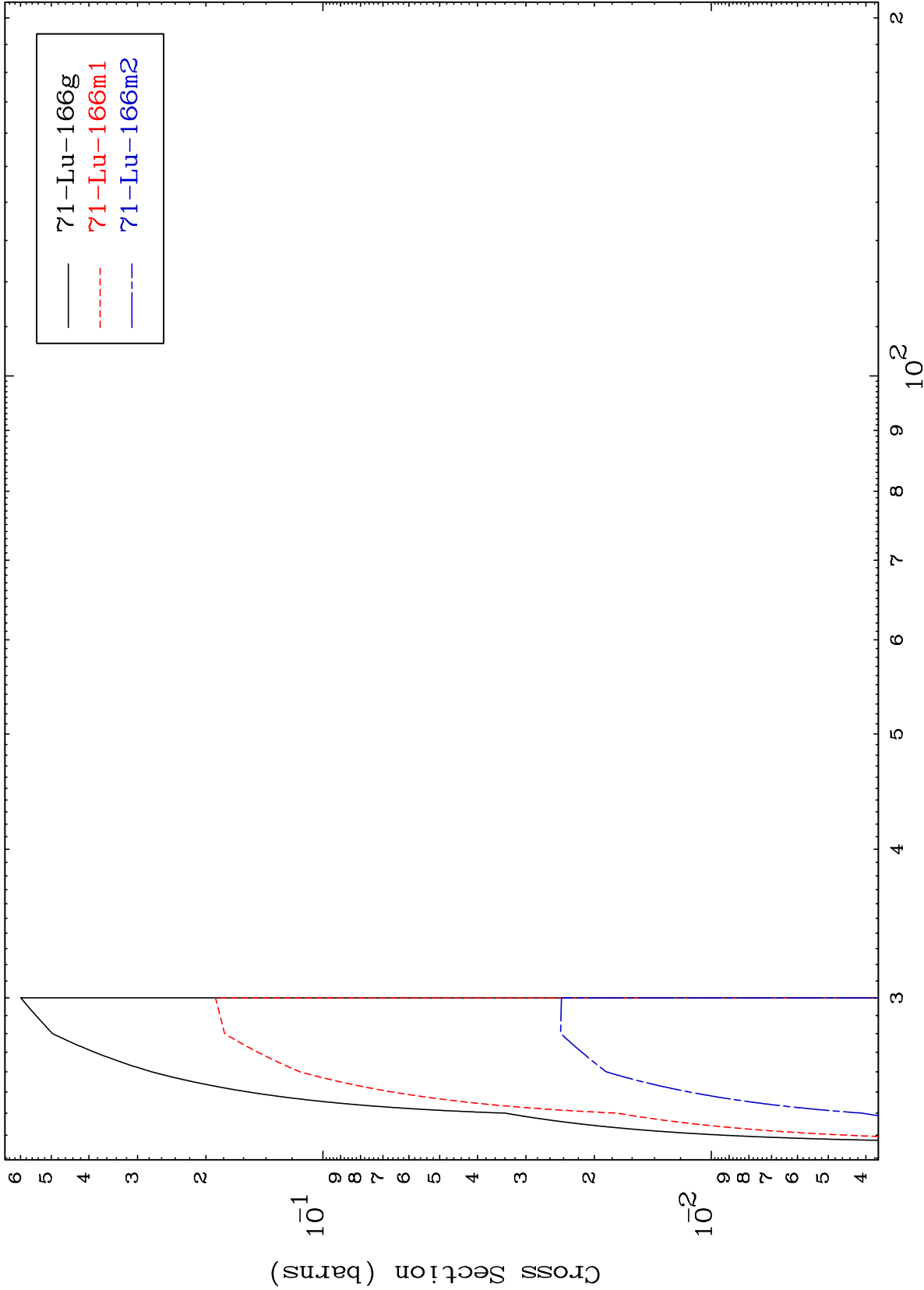


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(n,3n)

70-Yb-168

Radionuclide Production Cross Section



14

Incident Energy (MeV)

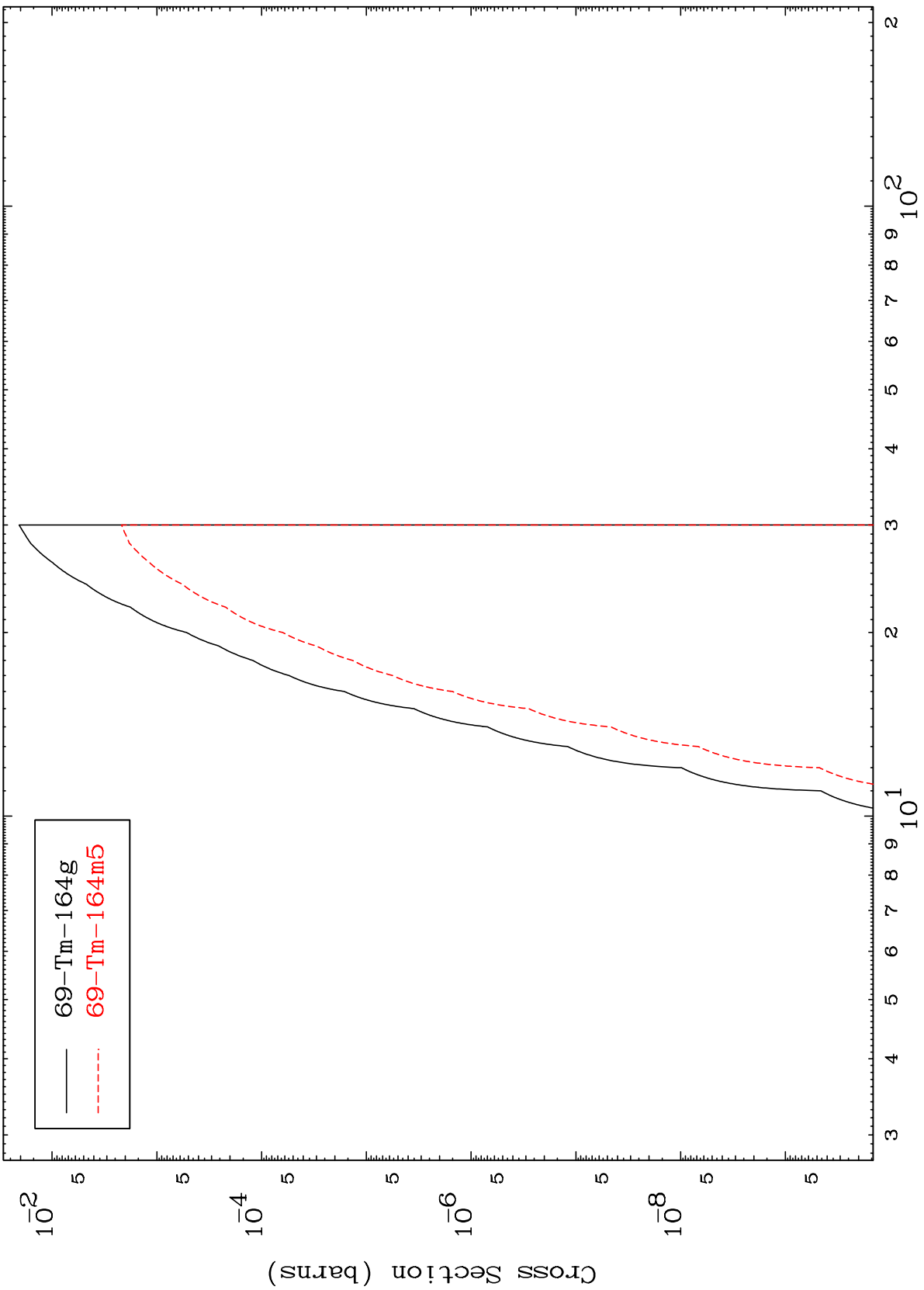
70-Yb-168

MAT 7025

$(n, n') \alpha$

$^{70}\text{Yb-168}$

Radionuclide Production Cross Section



— $^{69}\text{Tm-164g}$
- - - $^{69}\text{Tm-164m5}$

15

Incident Energy (MeV)

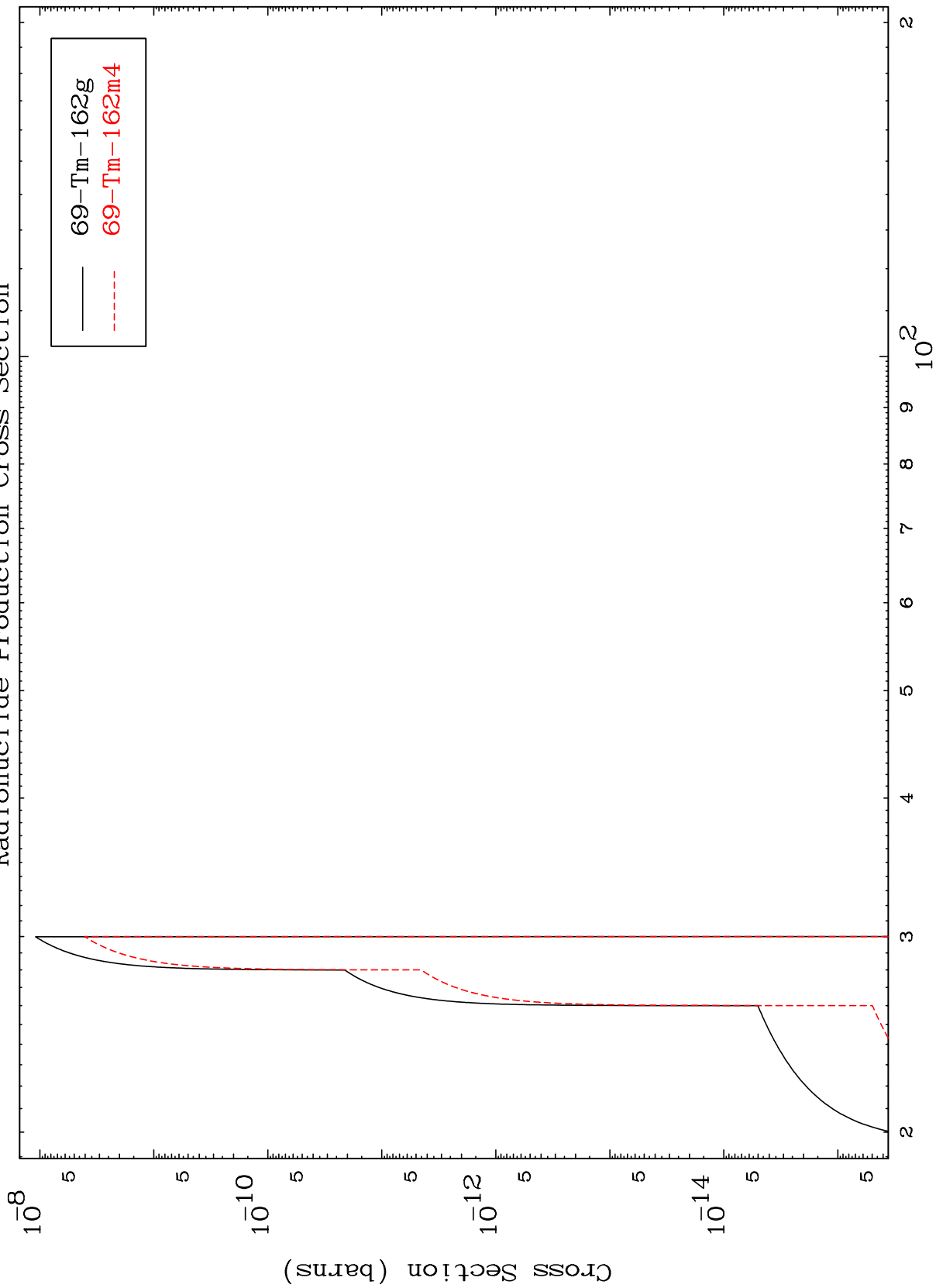
$^{70}\text{Yb-168}$

MAT 7025

(n,3n) α

70-Yb-168

Radionuclide Production Cross Section



16

Incident Energy (MeV)

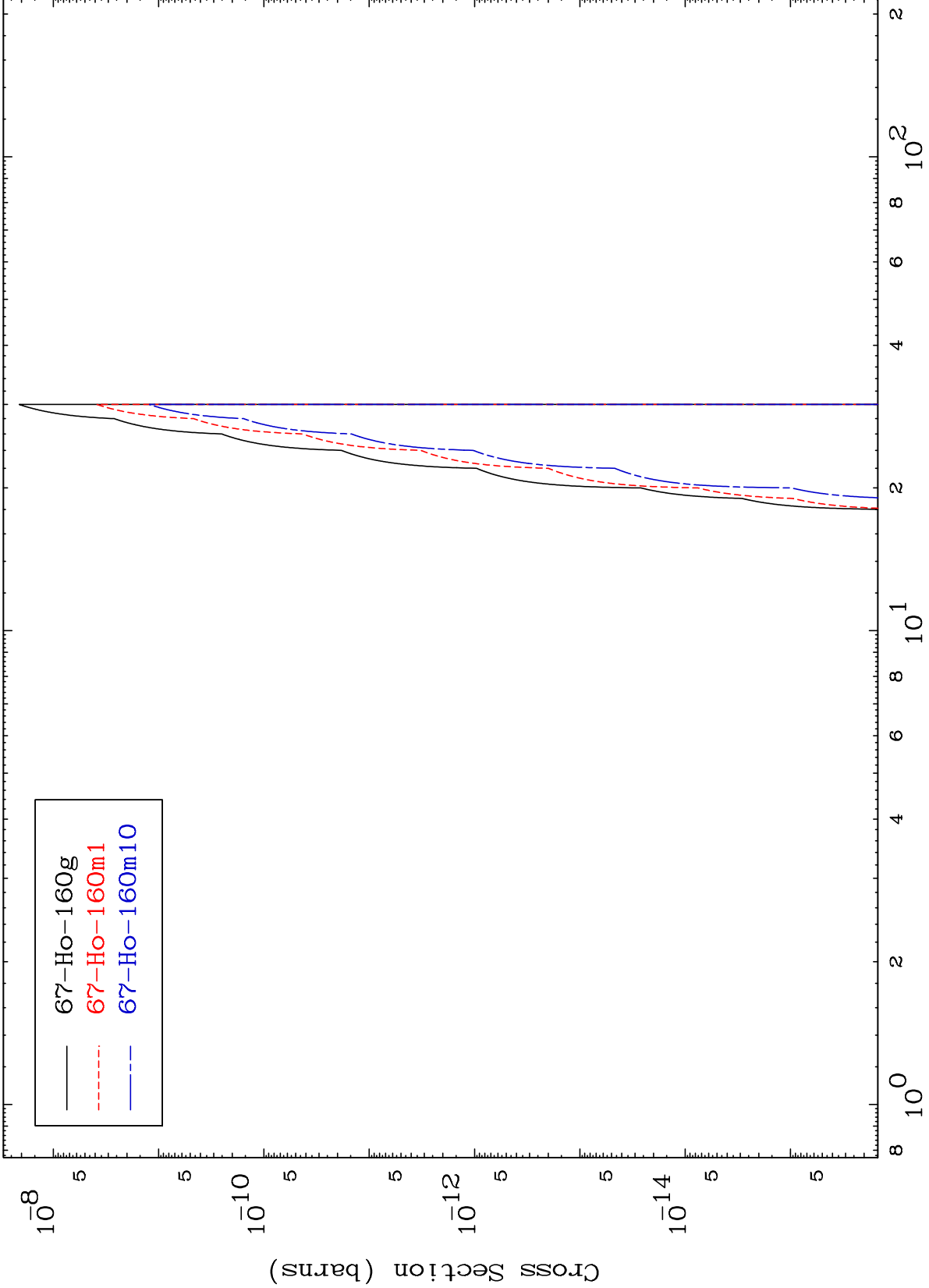
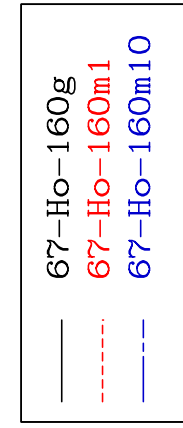
70-Yb-168

MAT 7025

(n,n') 2α

70-Yb-168

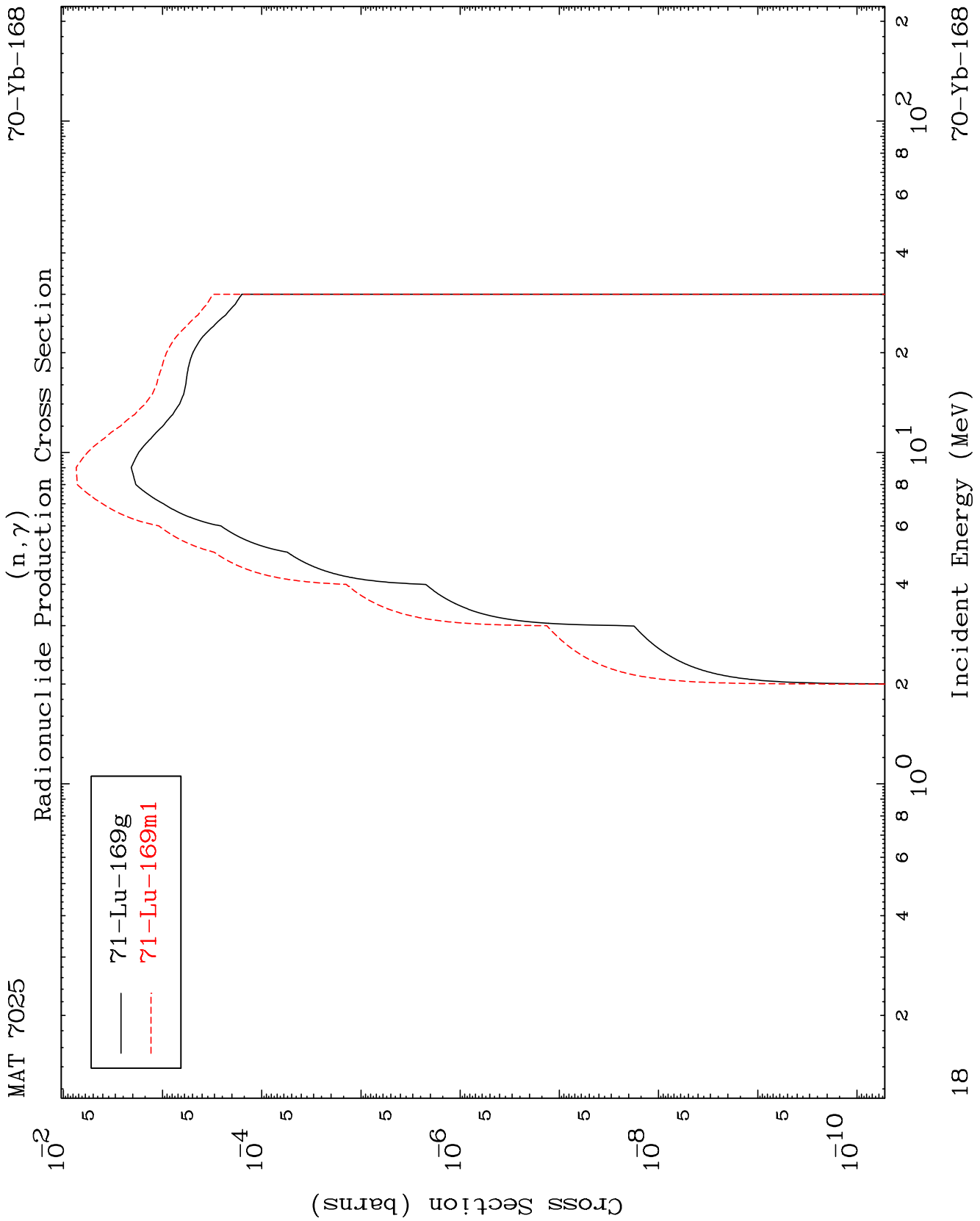
Radionuclide Production Cross Section



17

Incident Energy (MeV)

70-Yb-168



MAT 7025

70-Yb-168

Radionuclide Production Cross Section
(n,2α)

