

Program EVALPLOT
(Version 2021-1)

by

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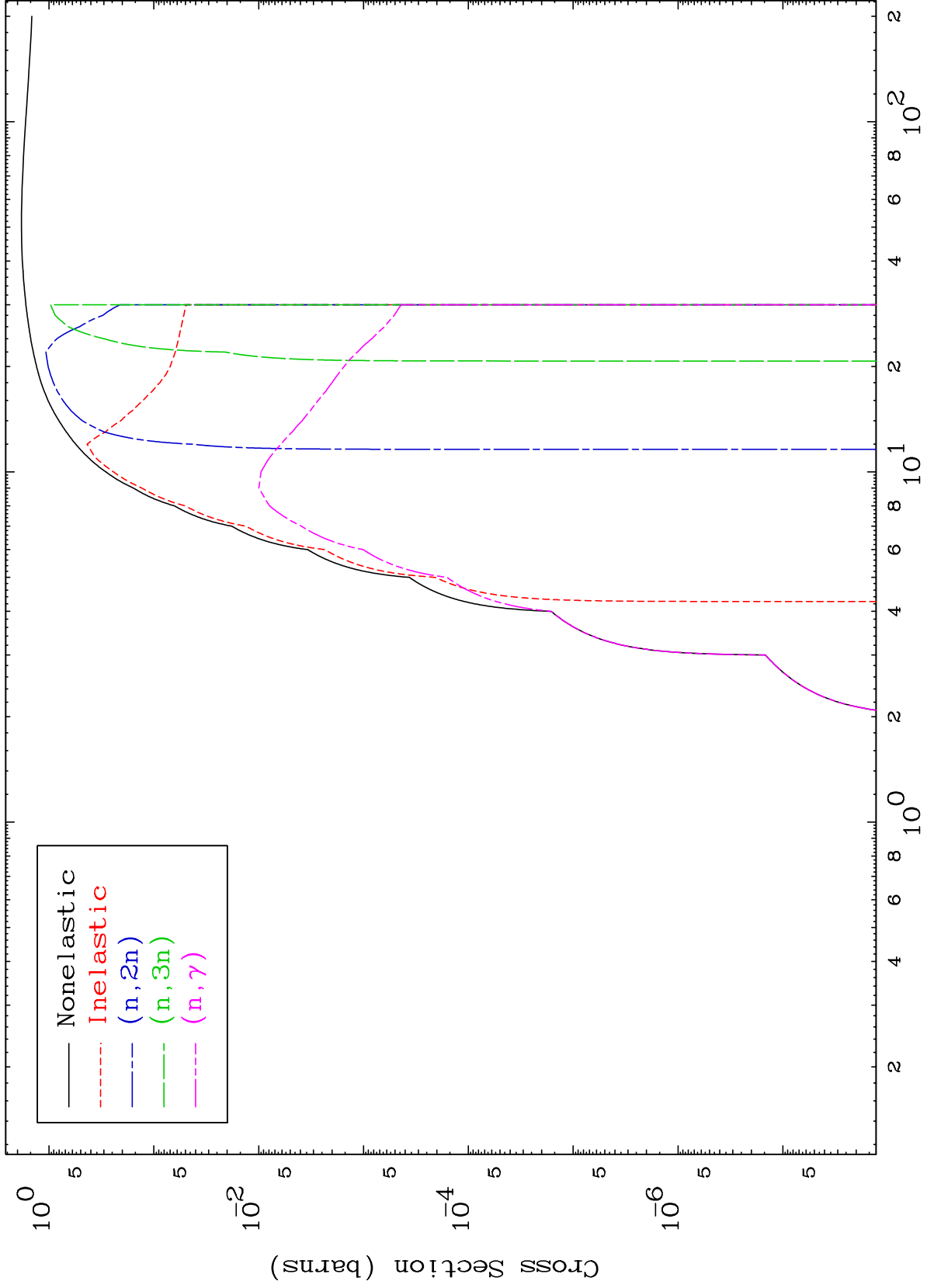
Press Mouse Button to Start

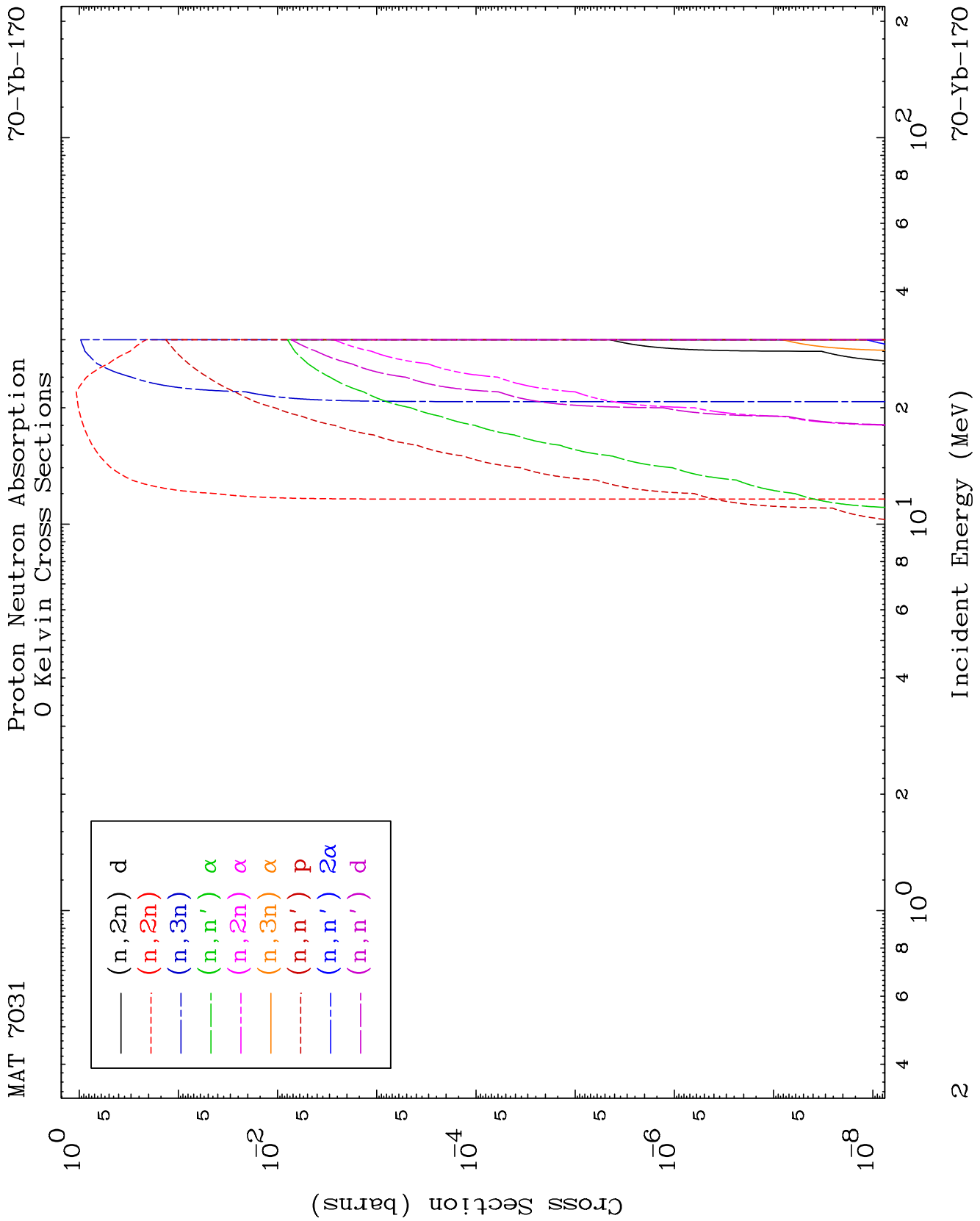
MAT 7031

Proton Major

70-Yb-170

0 Kelvin Cross Sections

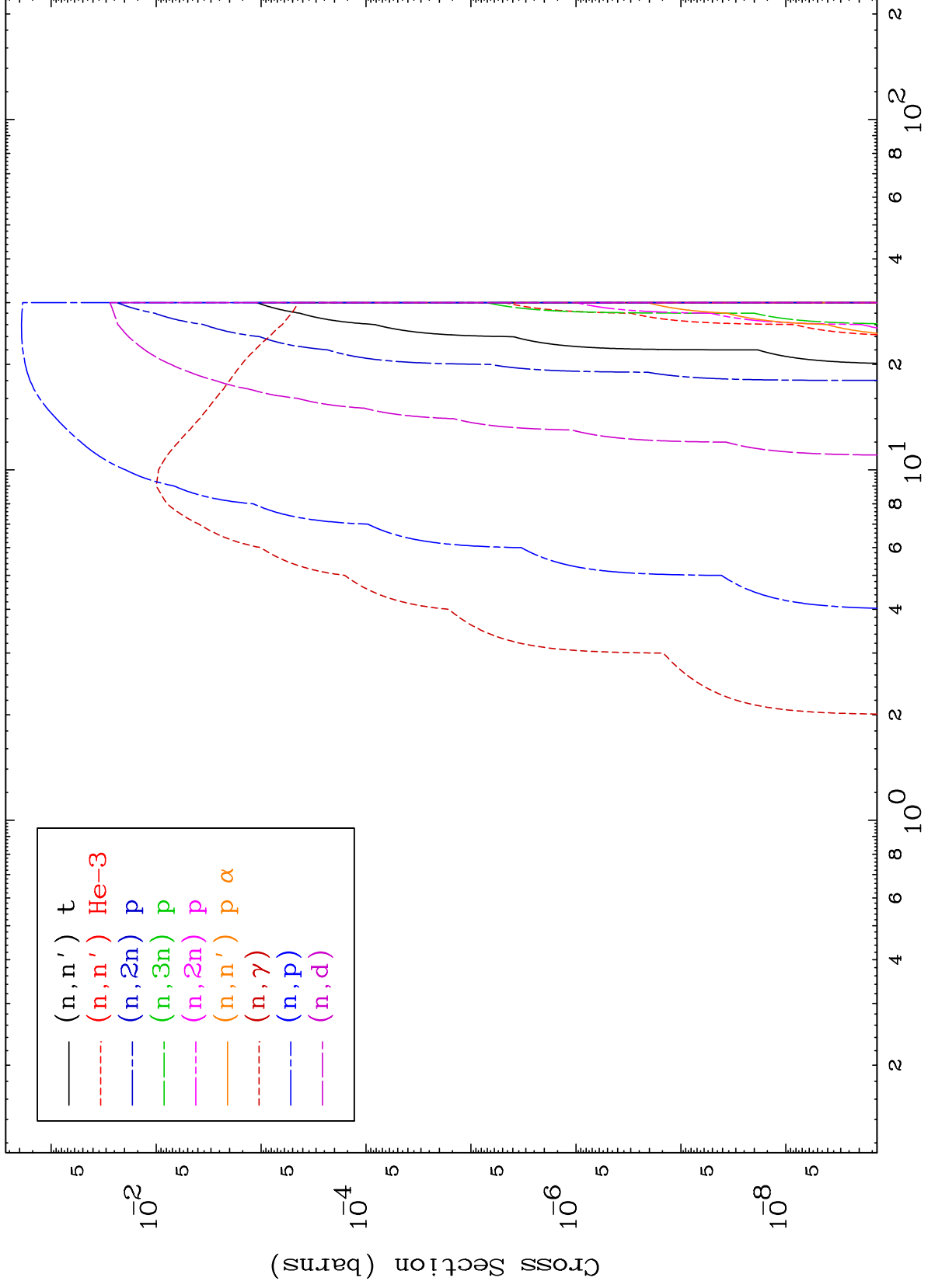




MAT 7031

Proton Neutron Absorption
0 Kelvin Cross Sections

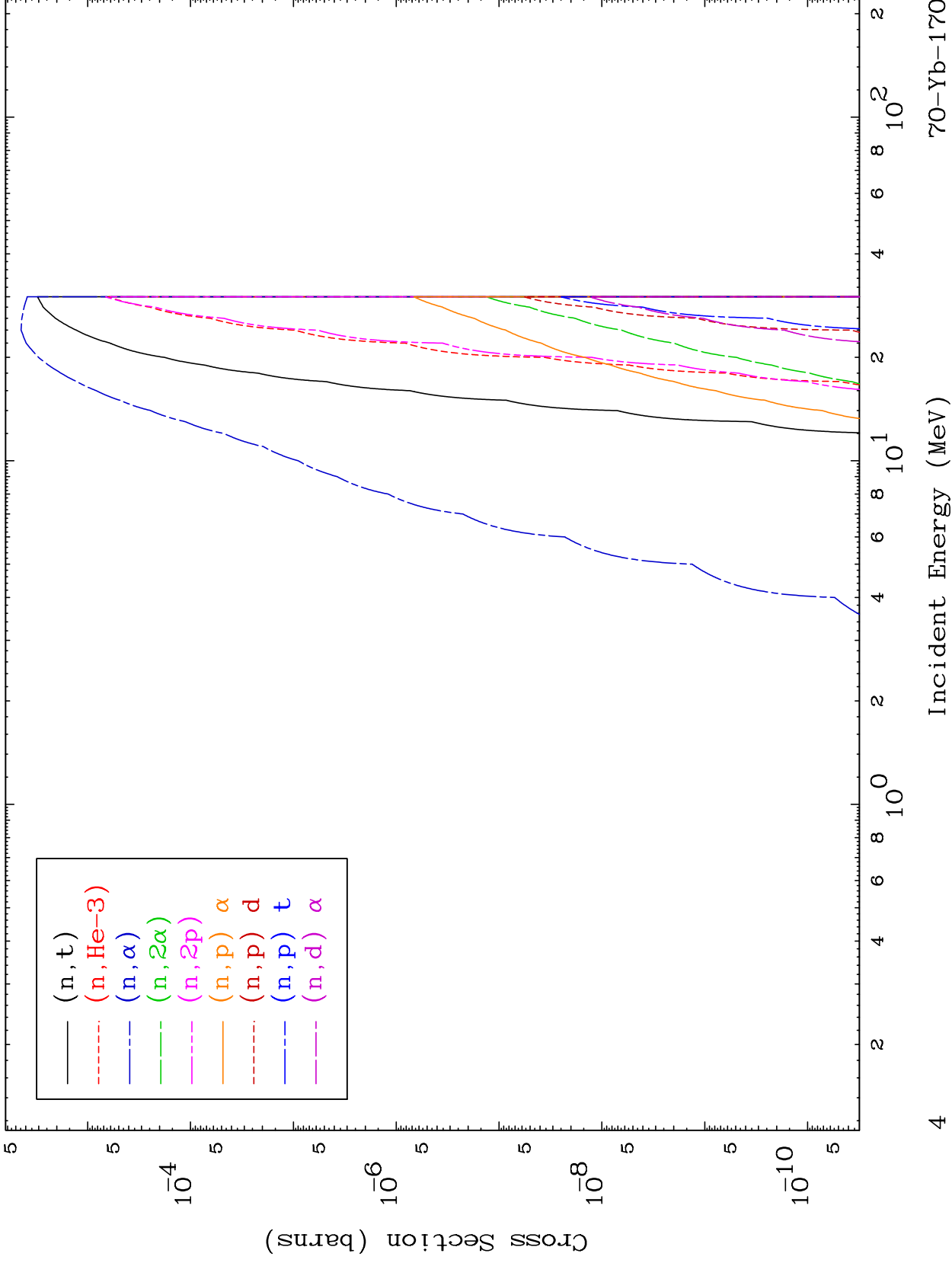
70-Yb-170



MAT 7031

Proton Neutron Absorption
0 Kelvin Cross Sections

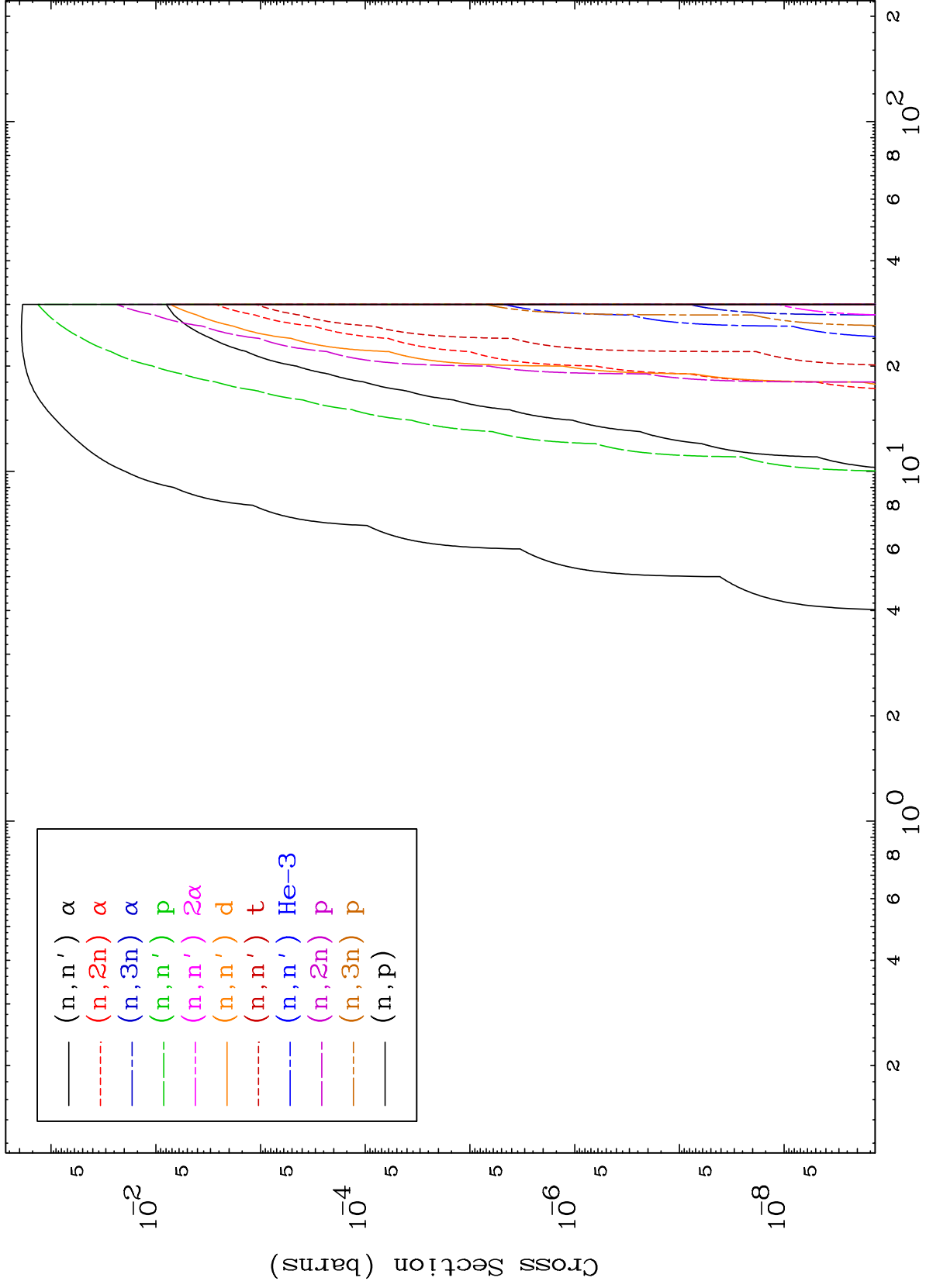
70-Yb-170



MAT 7031

Proton Charged Particle
0 Kelvin Cross Sections

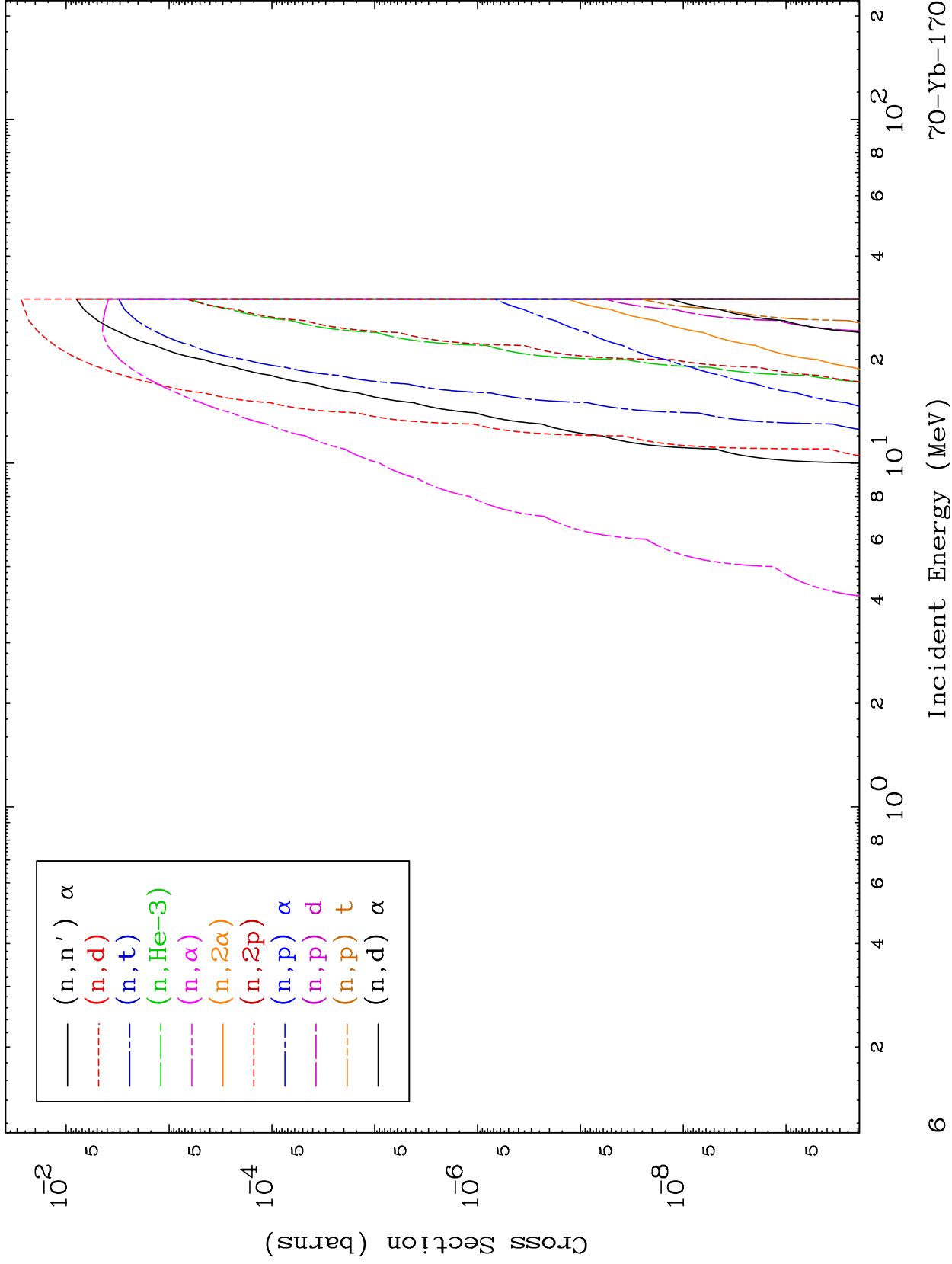
70-Yb-170



MAT 7031

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-170

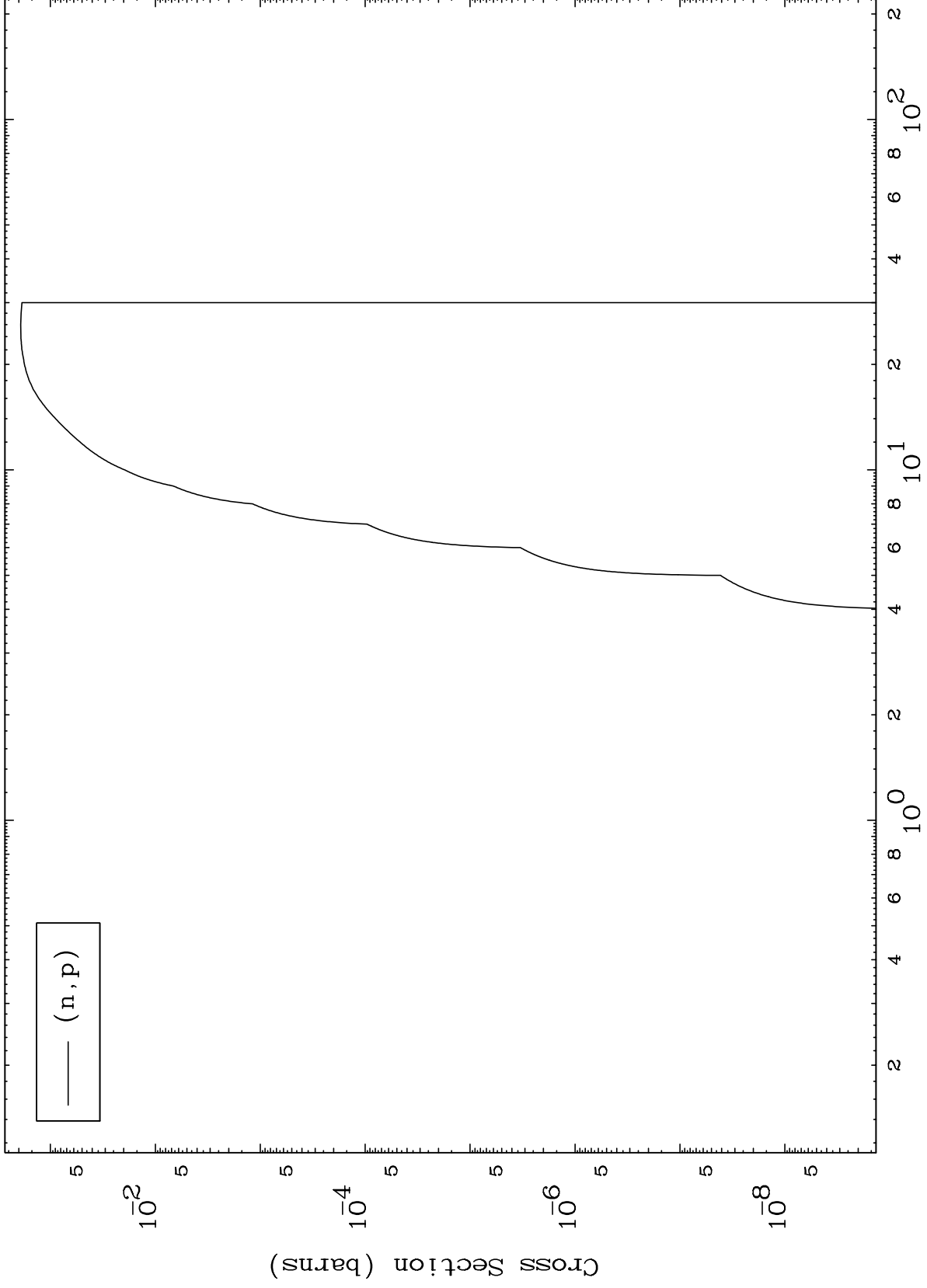


MAT 7031

(p,p) Levels

70-Yb-170

0 Kelvin Cross Sections



(n,p)

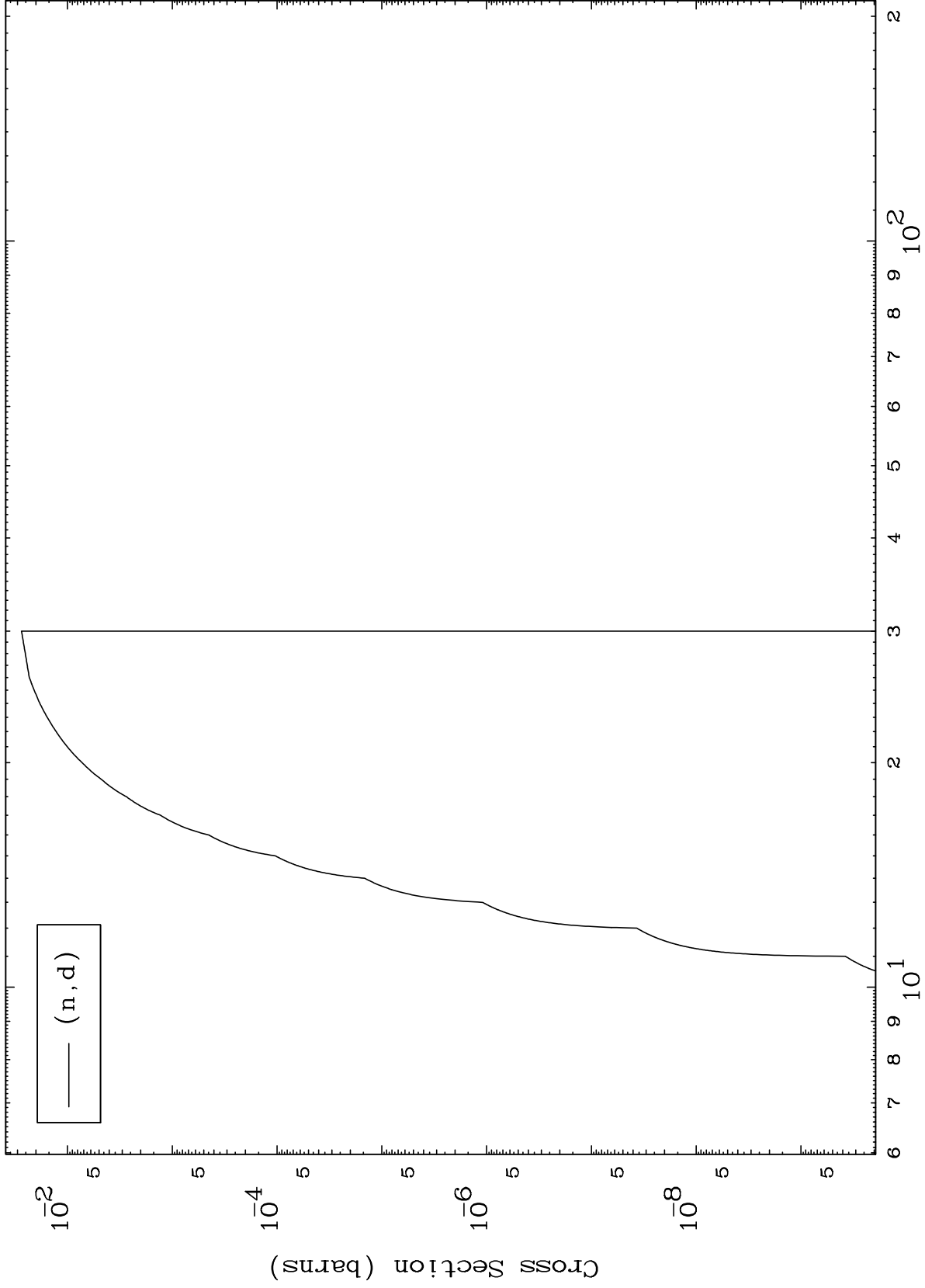
Incident Energy (MeV)

70-Yb-170

MAT 7031

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-170



8

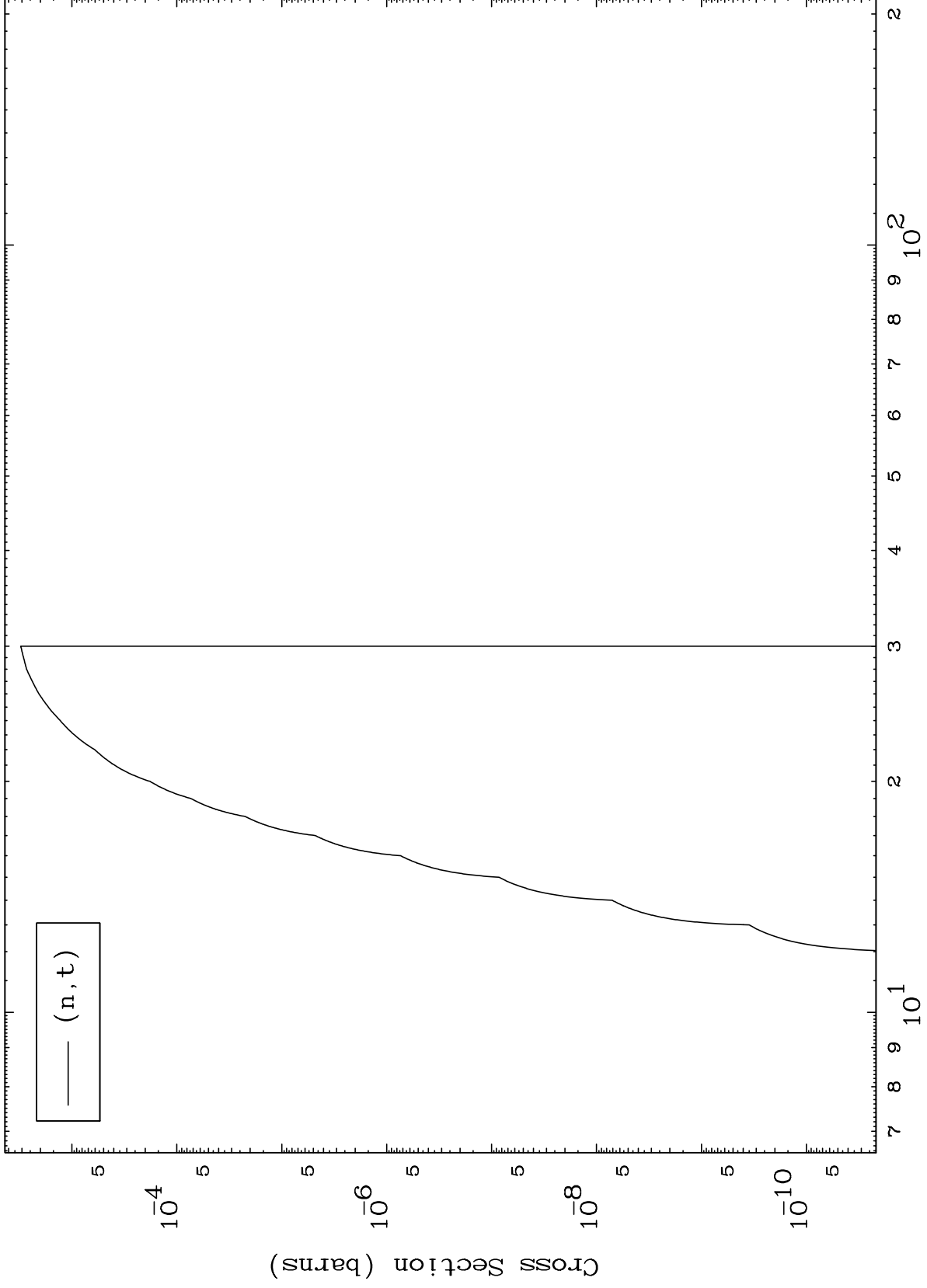
Incident Energy (MeV)

70-Yb-170

MAT 7031

(p,t) Levels
0 Kelvin Cross Sections

70-Yb-170



9

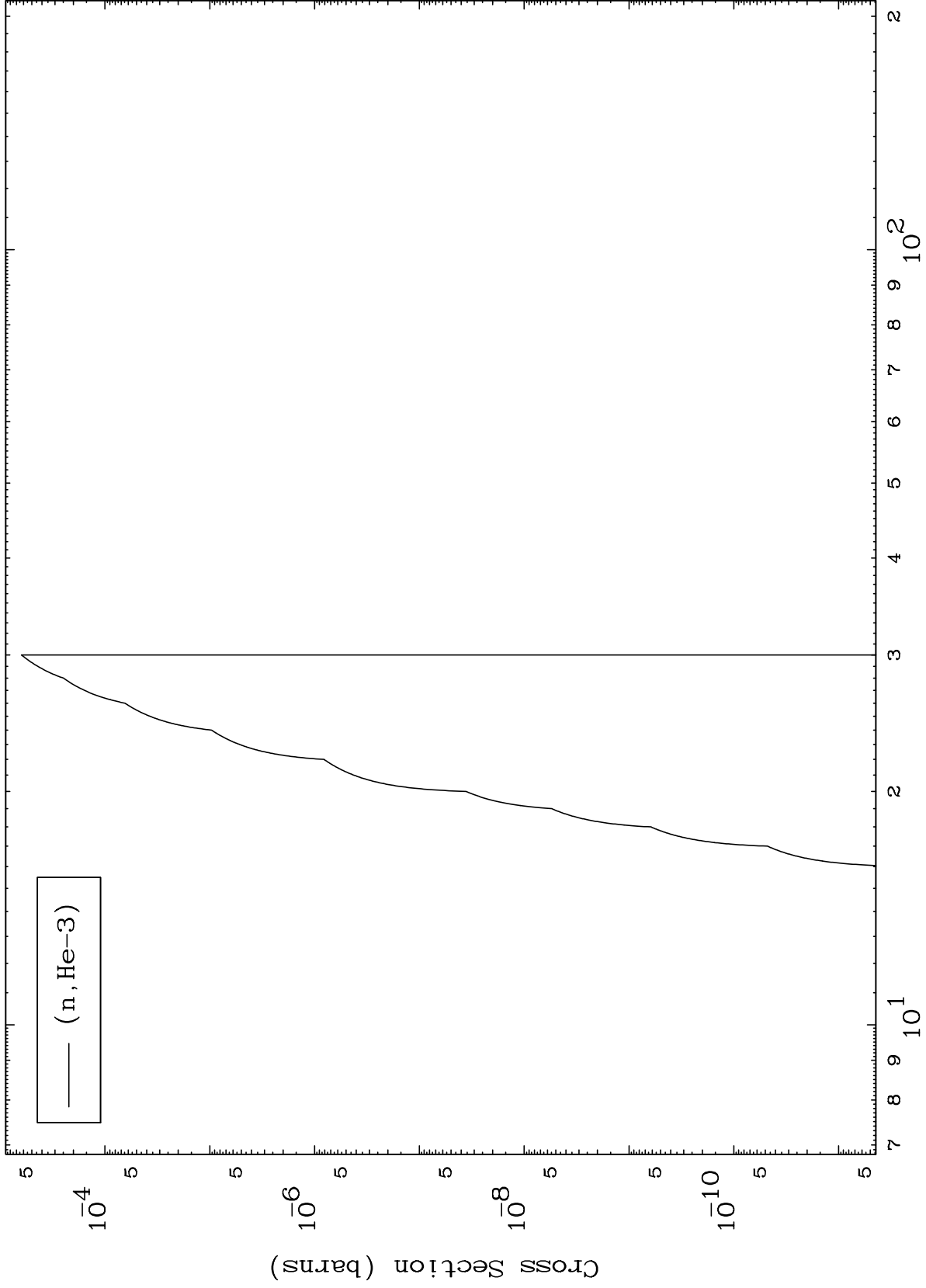
Incident Energy (MeV)

70-Yb-170

MAT 7031

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-170



10

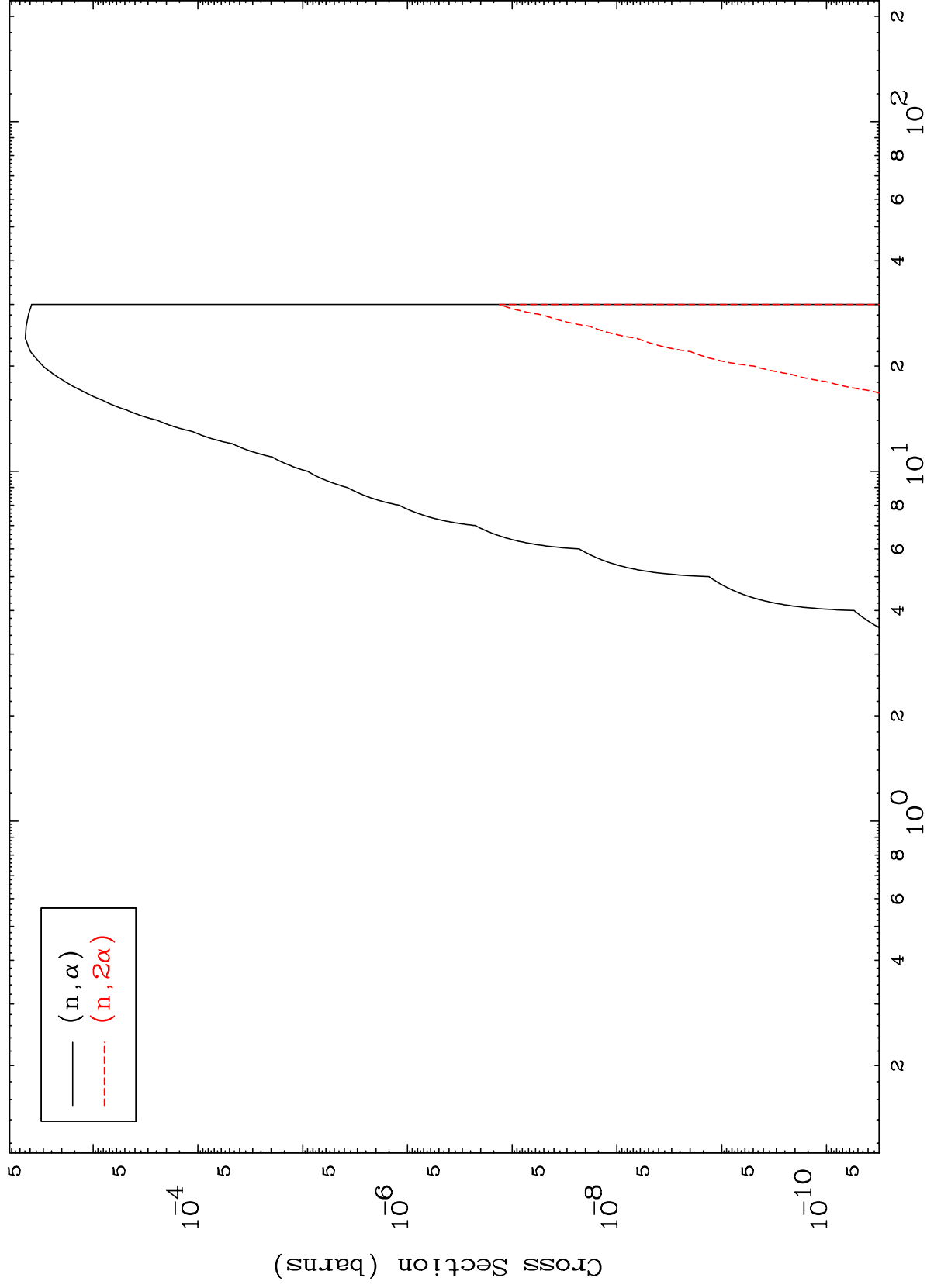
Incident Energy (MeV)

70-Yb-170

MAT 7031

70-Yb-170

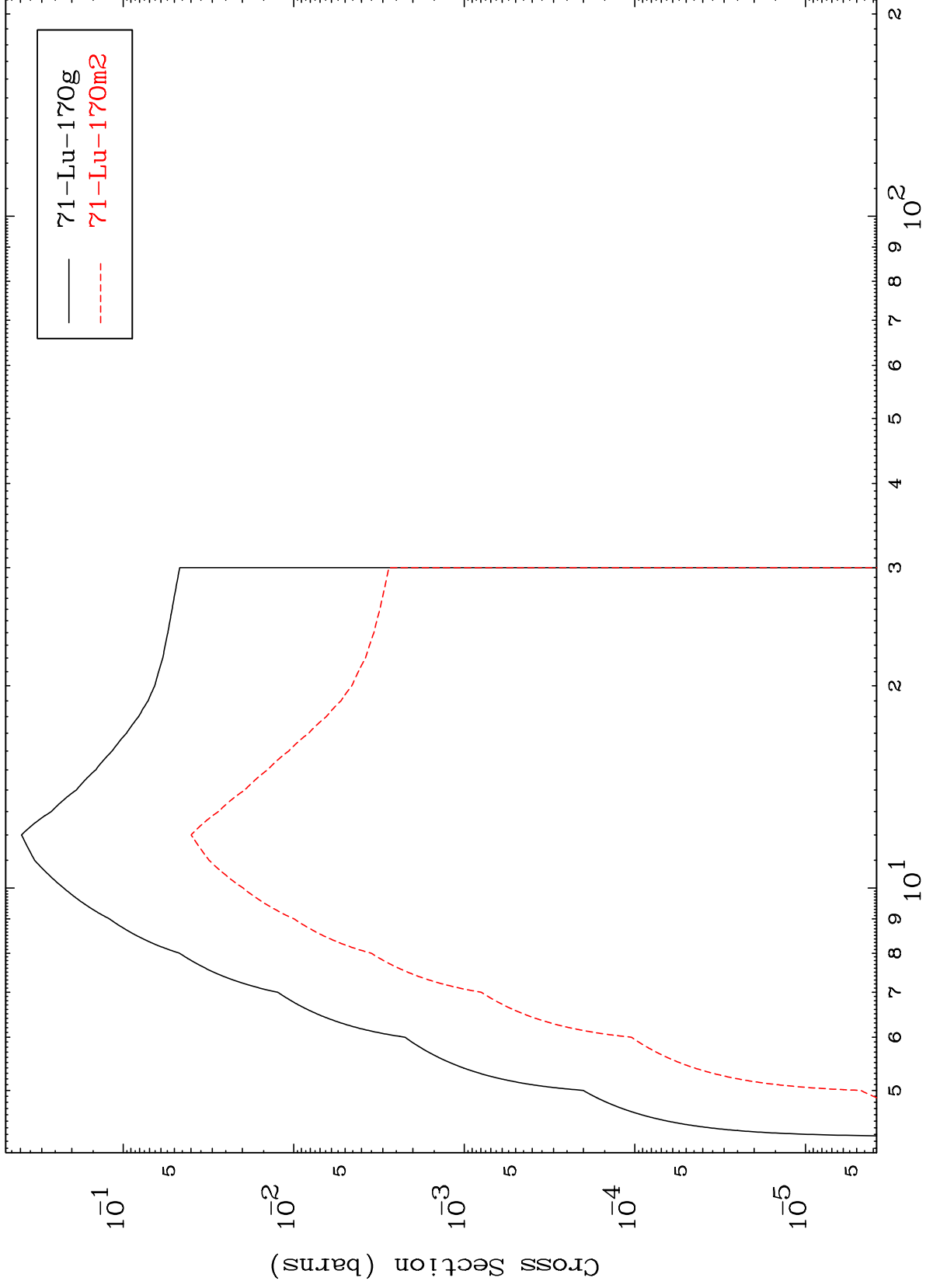
(p, α) Levels
0 Kelvin Cross Sections



MAT 7031

70-Yb-170

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

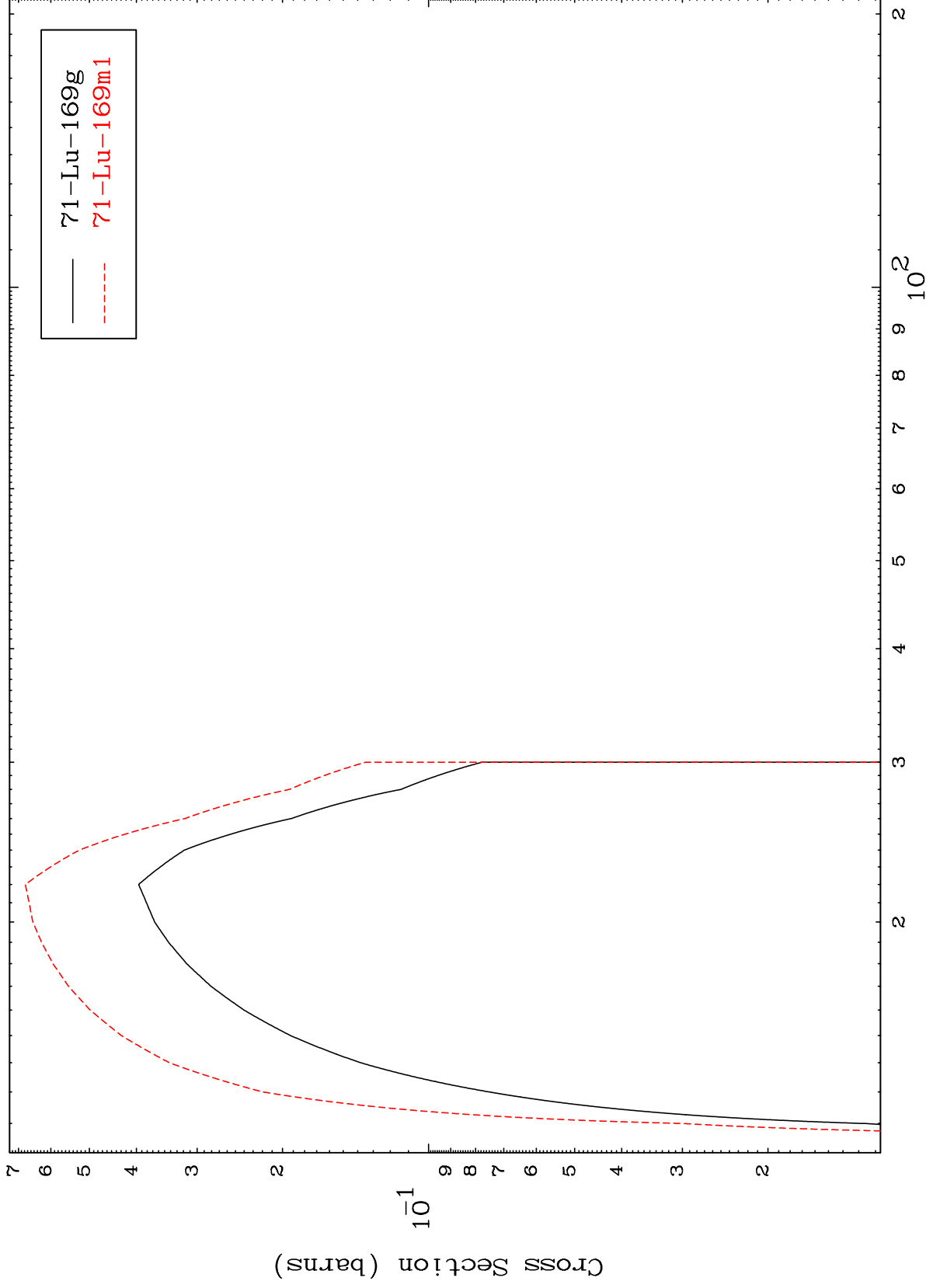
70-Yb-170

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(n,2n)

70-Yb-170

Radionuclide Production Cross Section



13

Incident Energy (MeV)

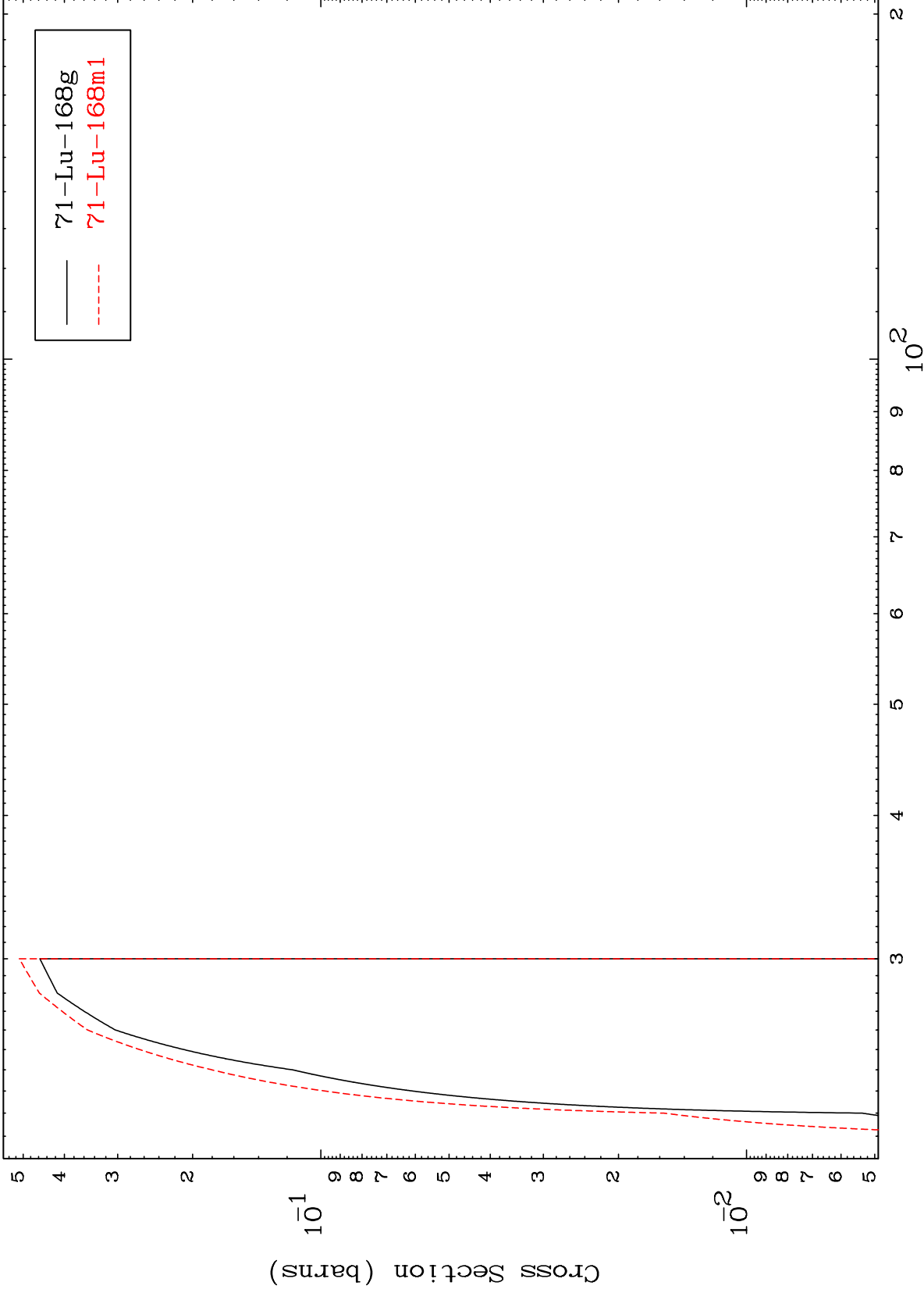
70-Yb-170

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(n,3n)

70-Yb-170

Radionuclide Production Cross Section



14

Incident Energy (MeV)

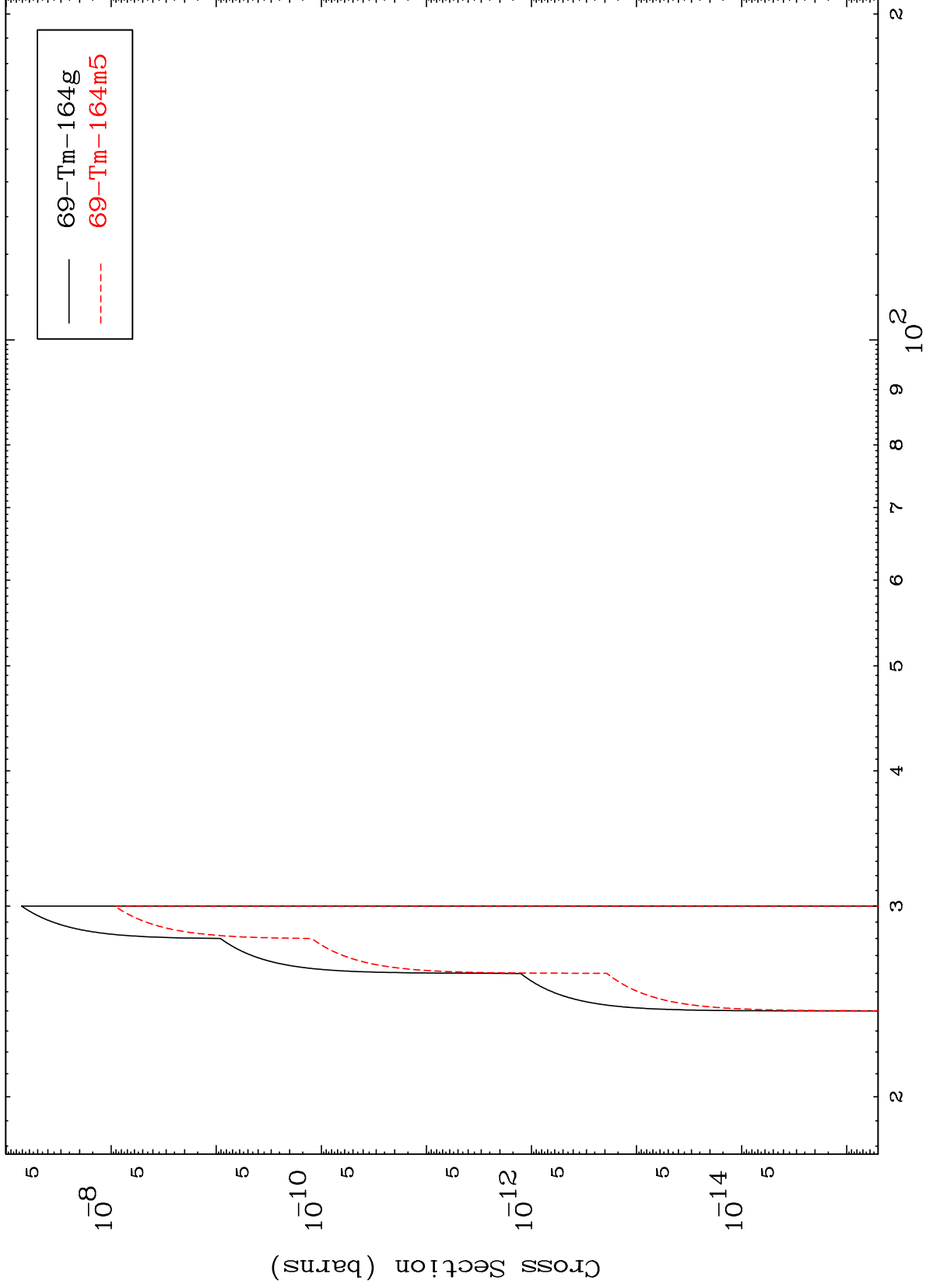
70-Yb-170

MAT 7031

(n,3n) α

70-Yb-170

Radionuclide Production Cross Section



15

Incident Energy (MeV)

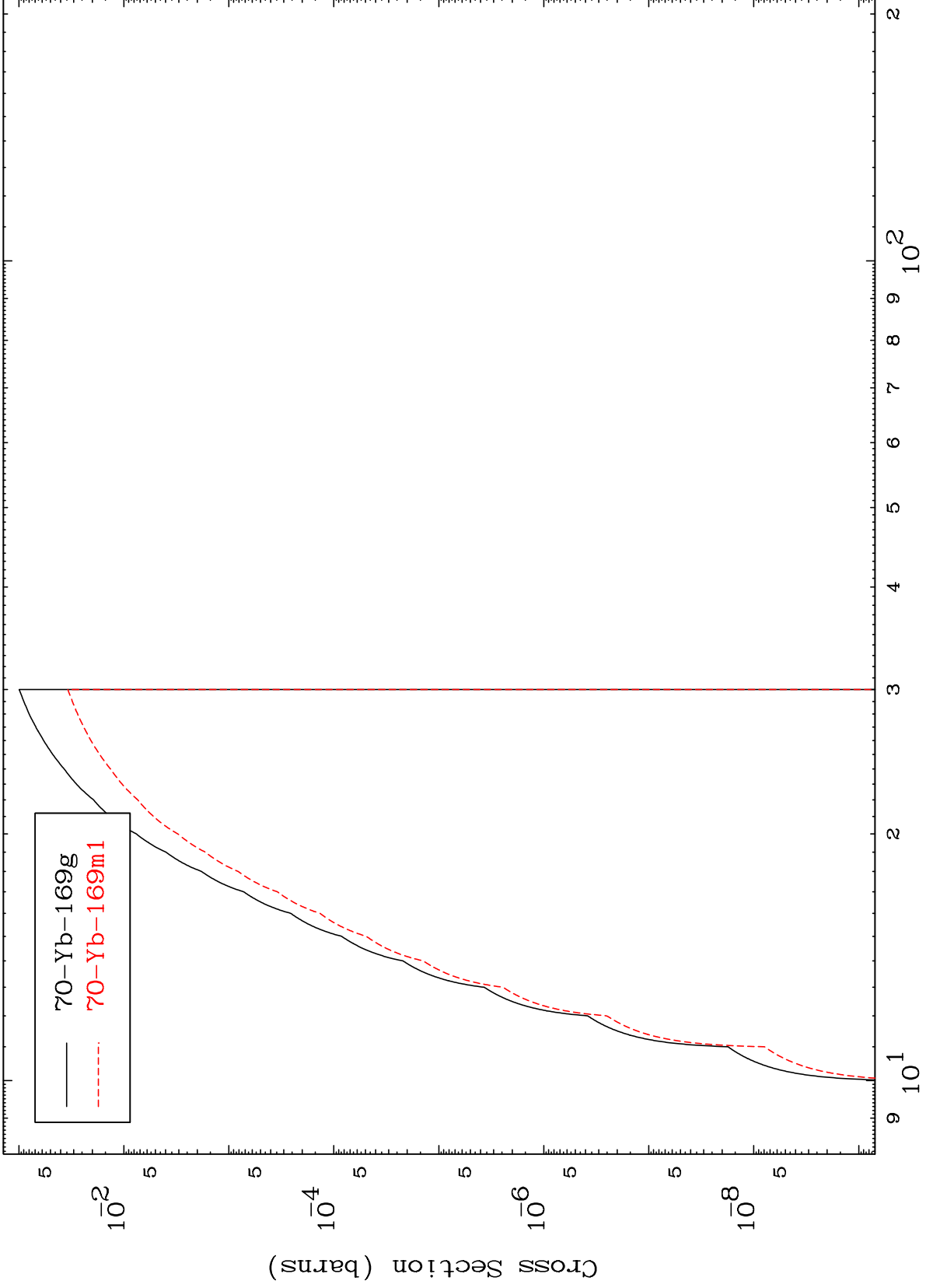
70-Yb-170

MAT 7031

(n,n') p

⁷⁰Yb-¹⁷⁰

Radionuclide Production Cross Section



16

Incident Energy (MeV)

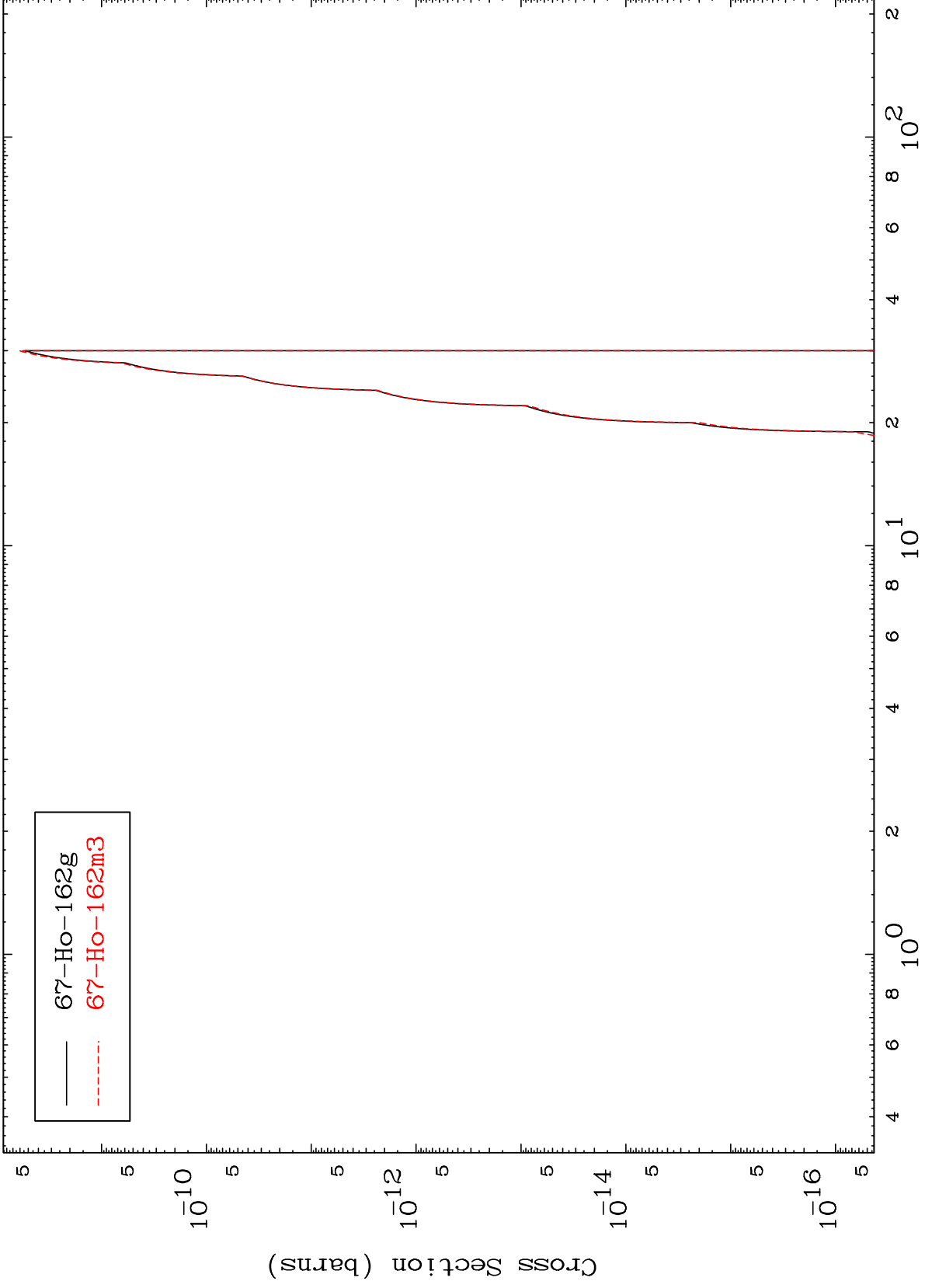
⁷⁰Yb-¹⁷⁰

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(n,n') 2 α

70-Yb-170

Radionuclide Production Cross Section



17

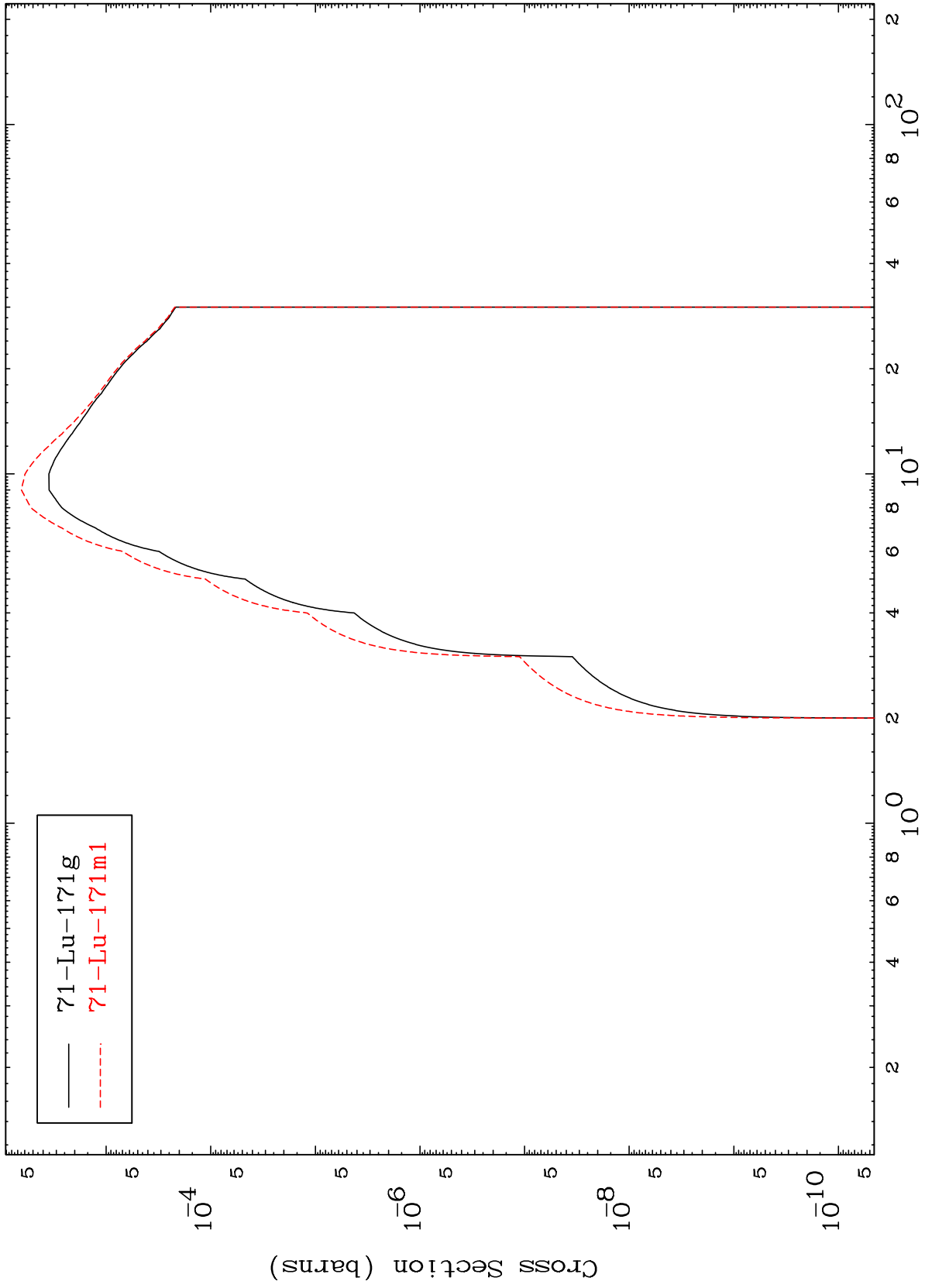
Incident Energy (MeV)

70-Yb-170

MAT 7031

70-Yb-170

(n,γ)
Radionuclide Production Cross Section

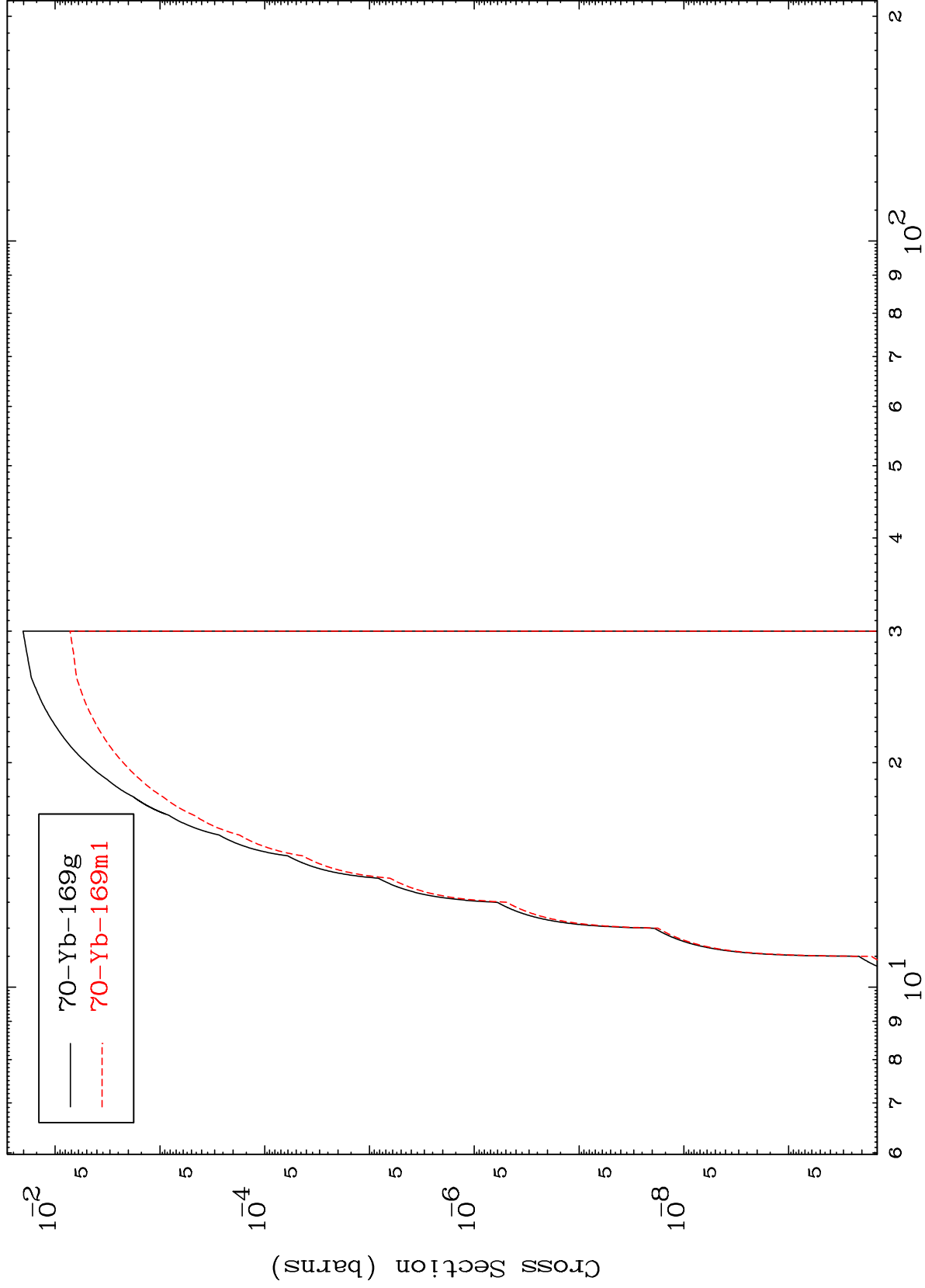


— 71-Lu-171g
- - - 71-Lu-171m1

MAT 7031

⁷⁰Yb-170

(n,d)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

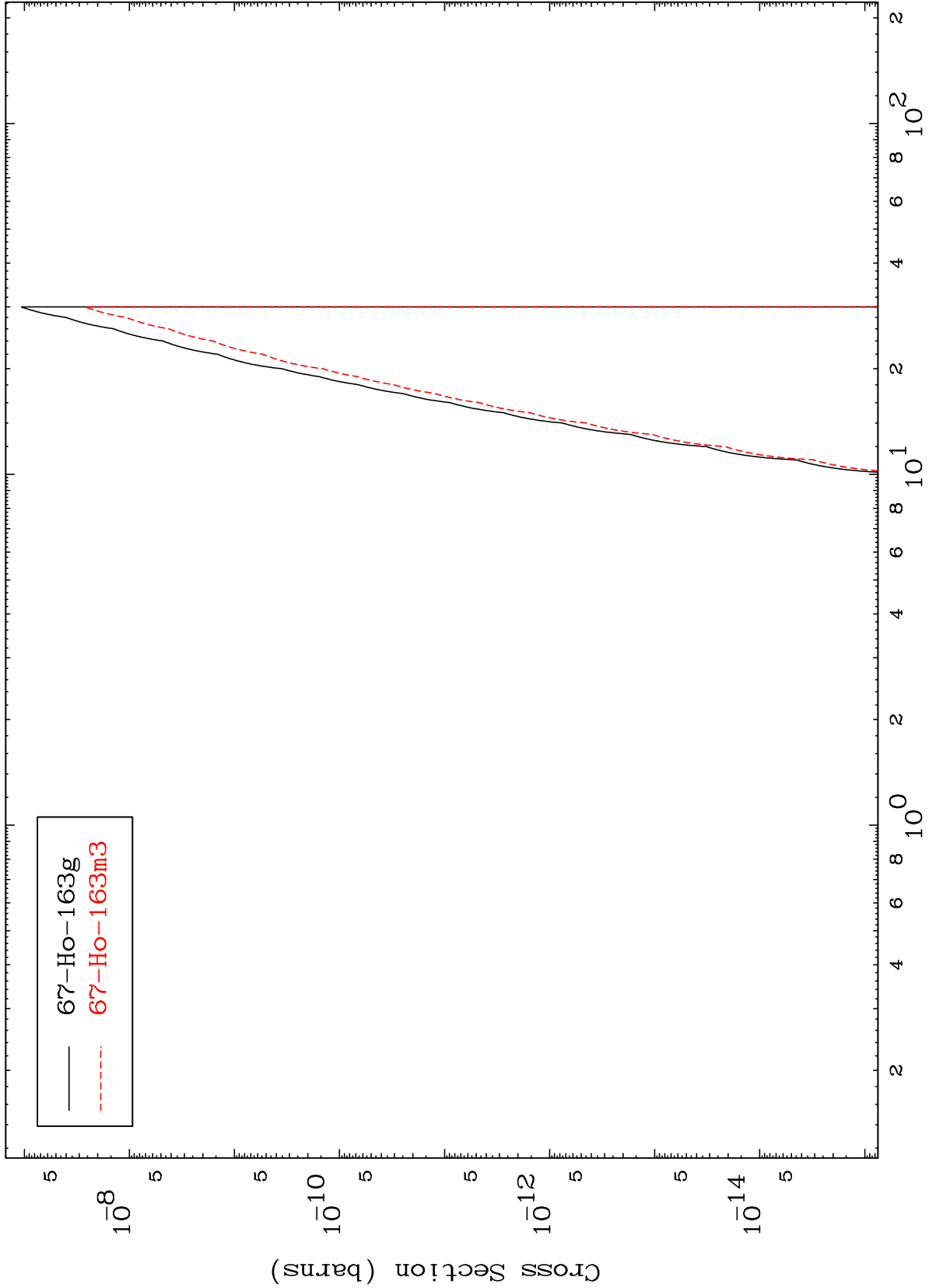
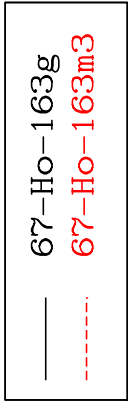
⁷⁰Yb-170

MAT 7031

(n,2α)

70-Yb-170

Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-170