

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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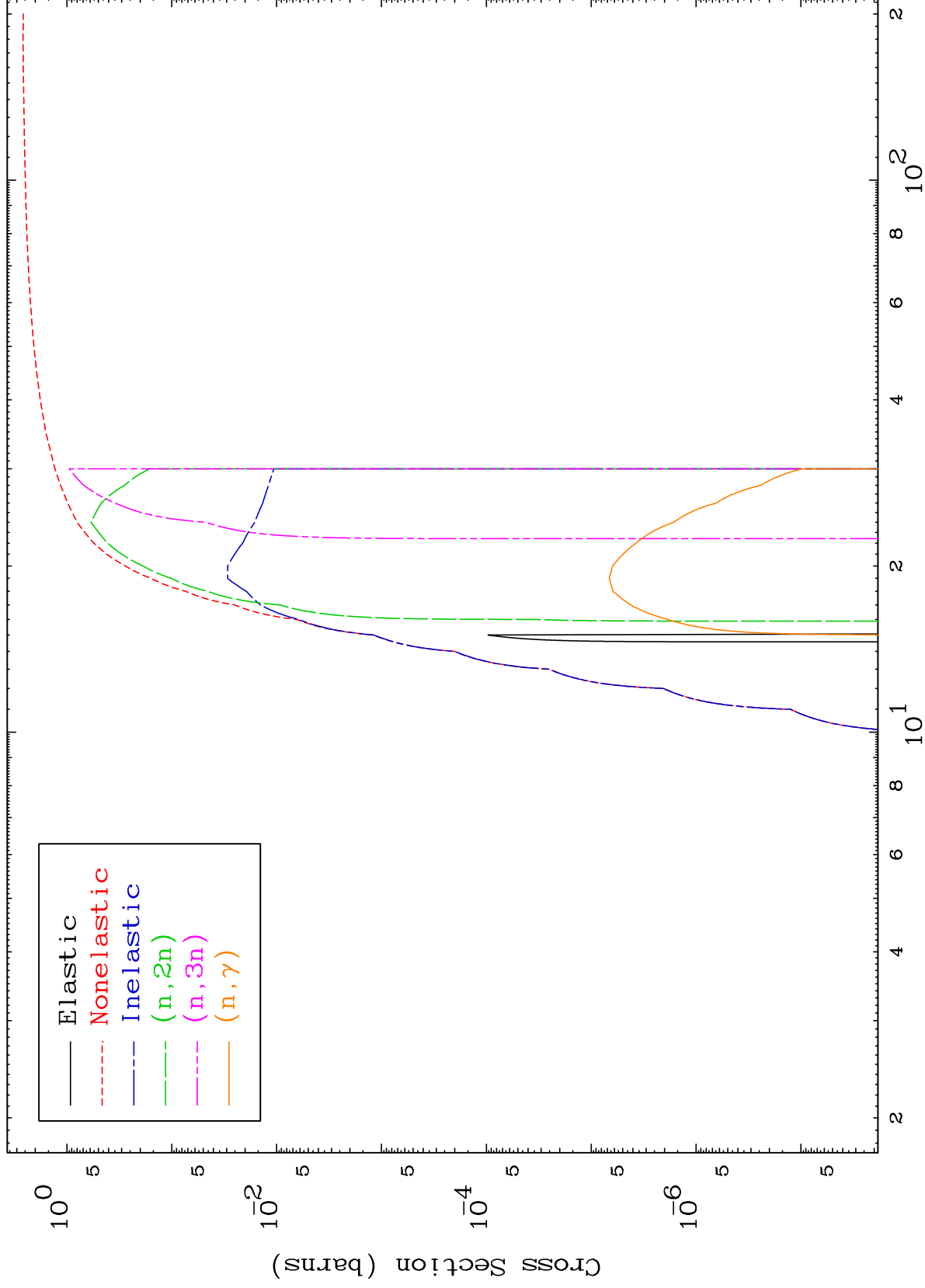
Press Mouse Button to Start

MAT 7046

0 Kelvin Cross Sections

$\alpha$  Major

70-Yb-175



1

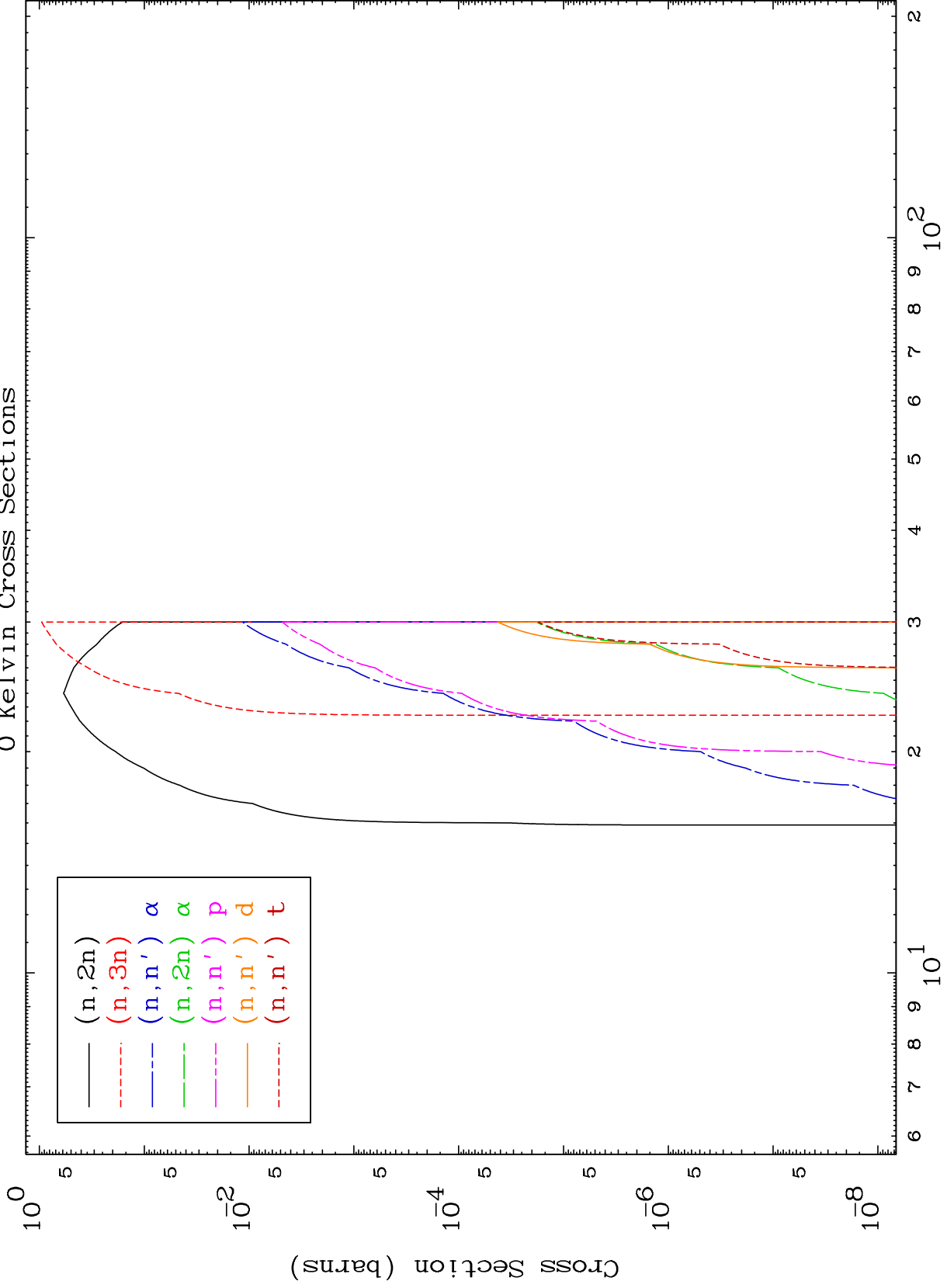
Incident Energy (MeV)

70-Yb-175

MAT 7046

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-175



2

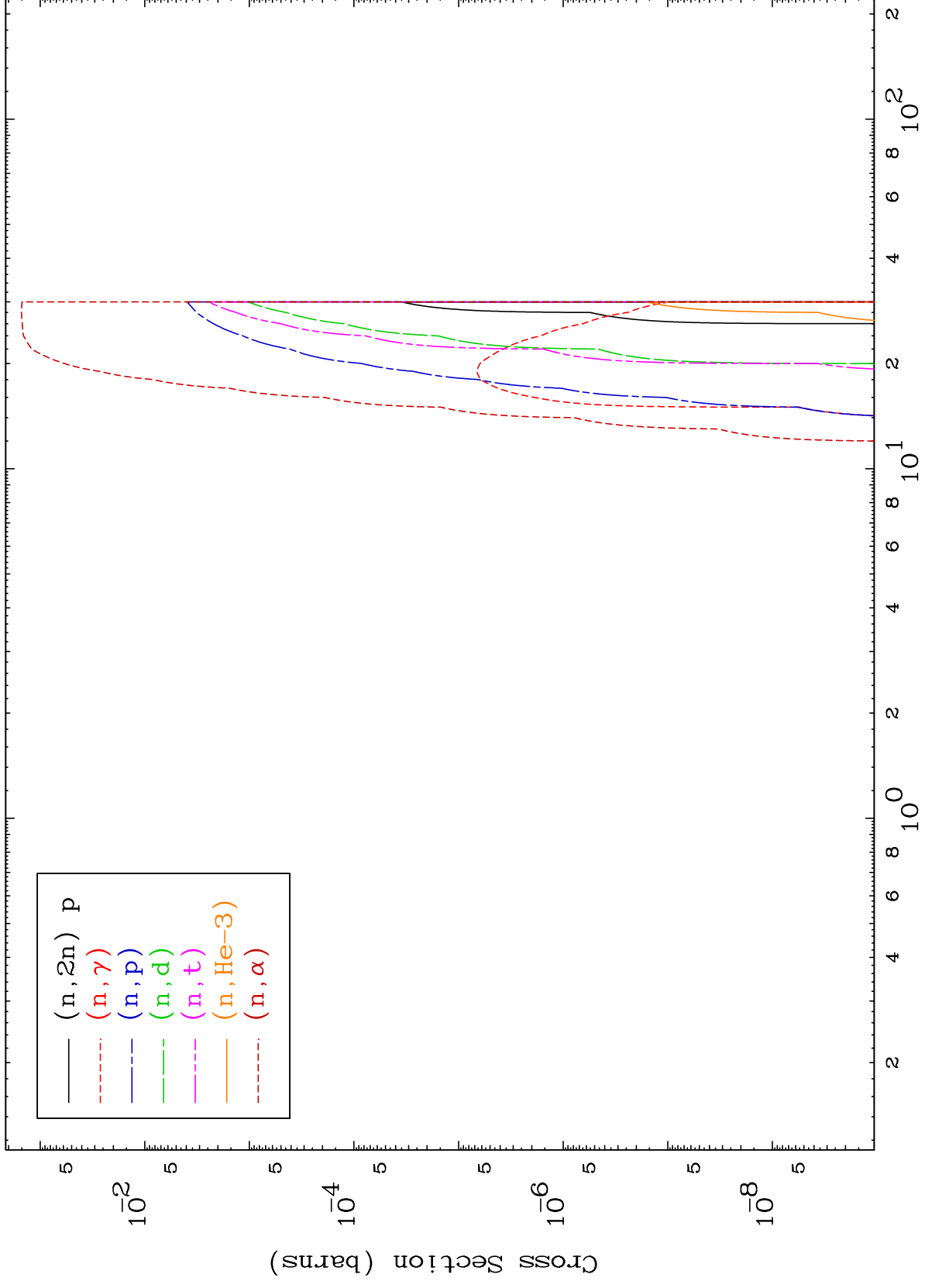
Incident Energy (MeV)

70-Yb-175

MAT 7046

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-175



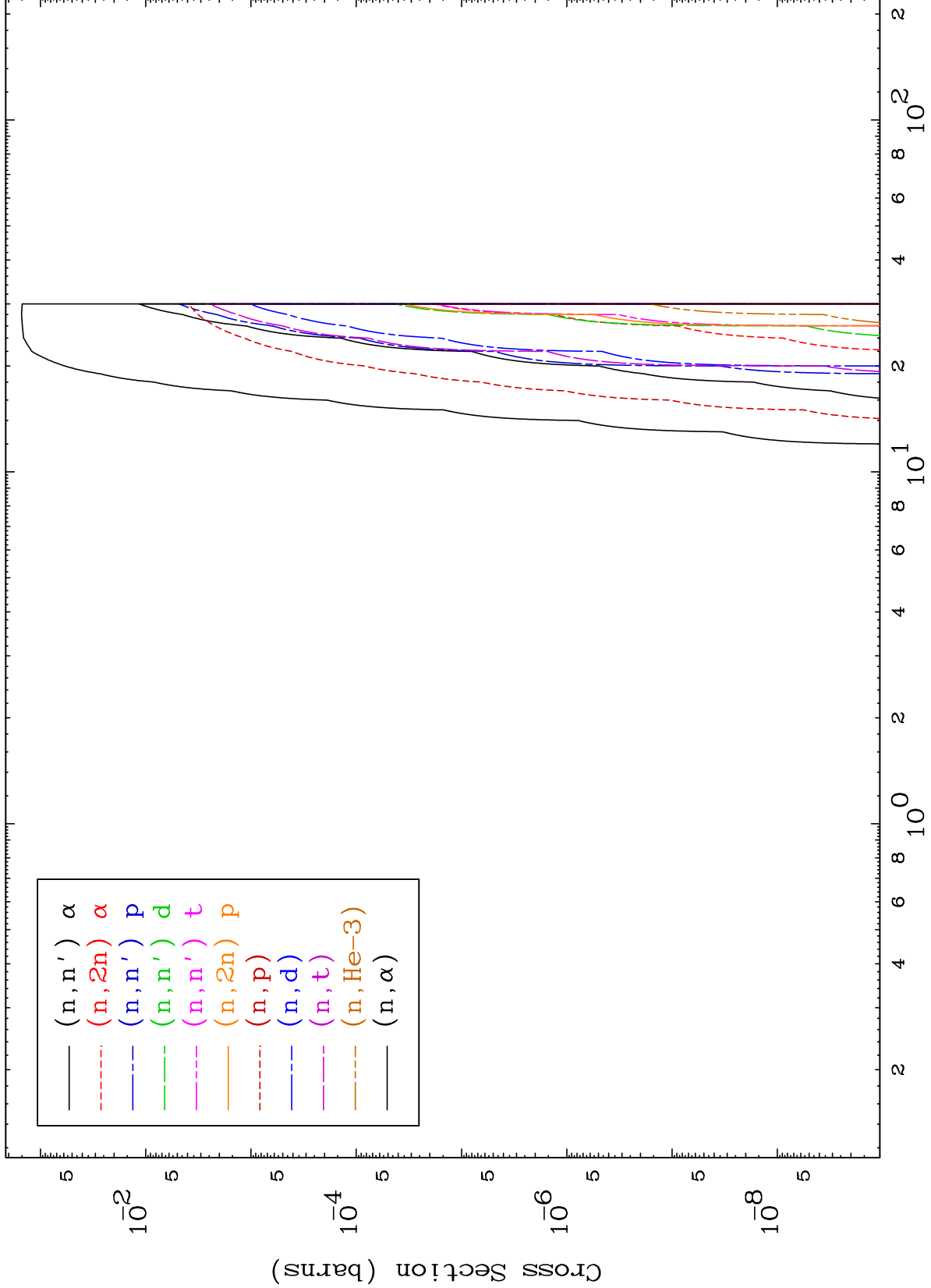
70-Yb-175

Incident Energy (MeV)

MAT 7046

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

70-Yb-175



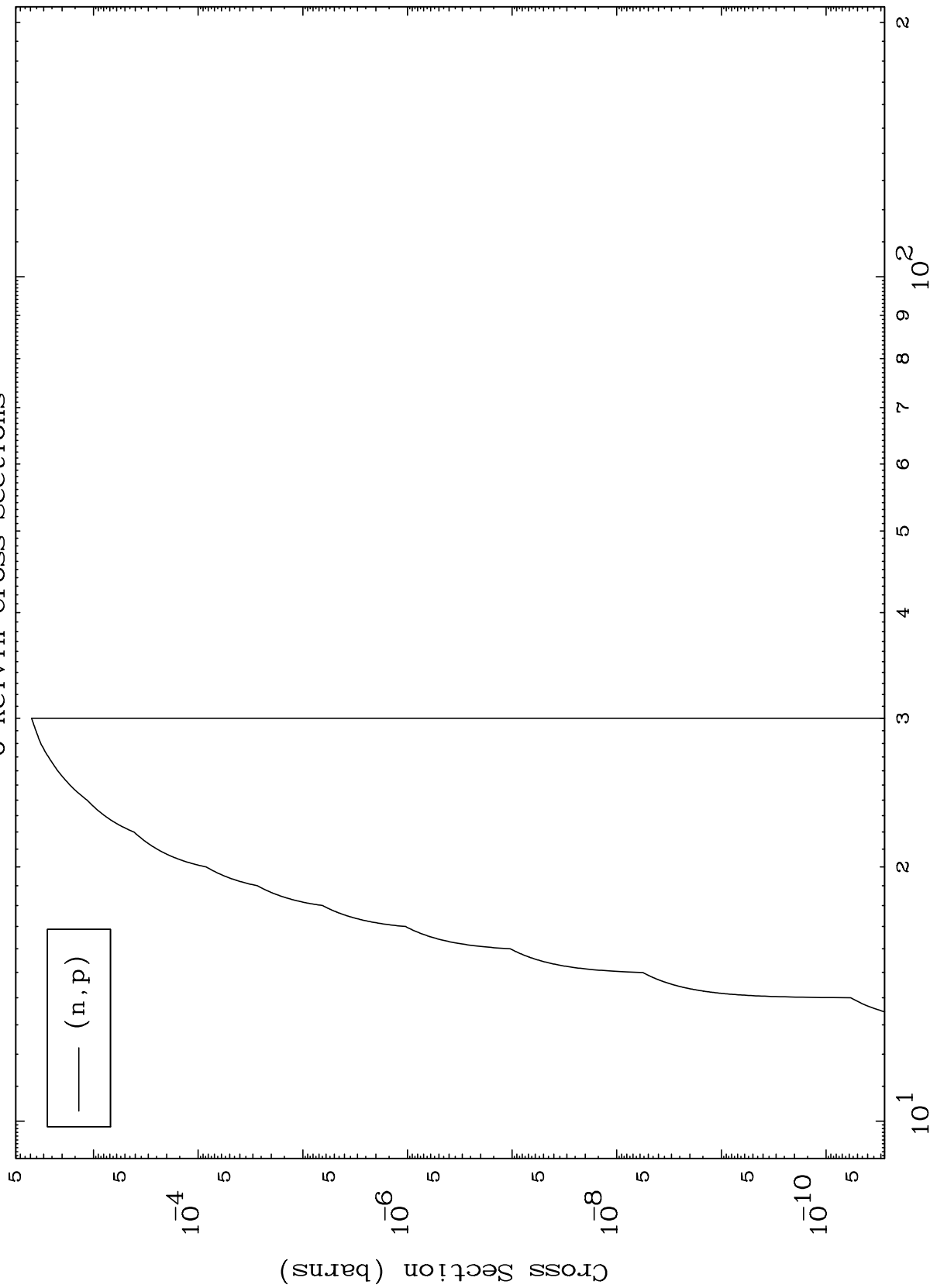
Incident Energy (MeV)

70-Yb-175

MAT 7046

70-Yb-175

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



70-Yb-175

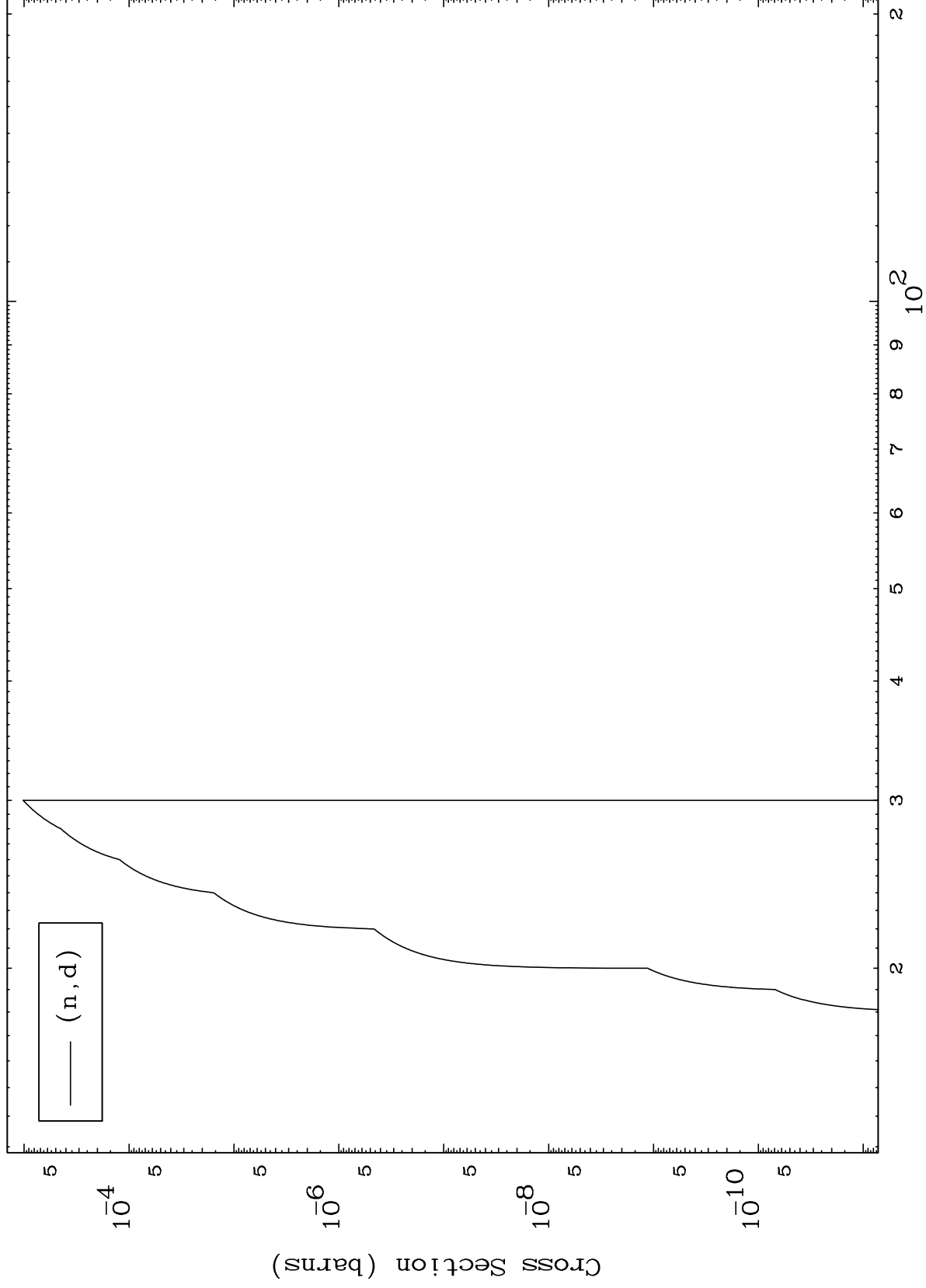
Incident Energy (MeV)

5

MAT 7046

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

70-Yb-175



6

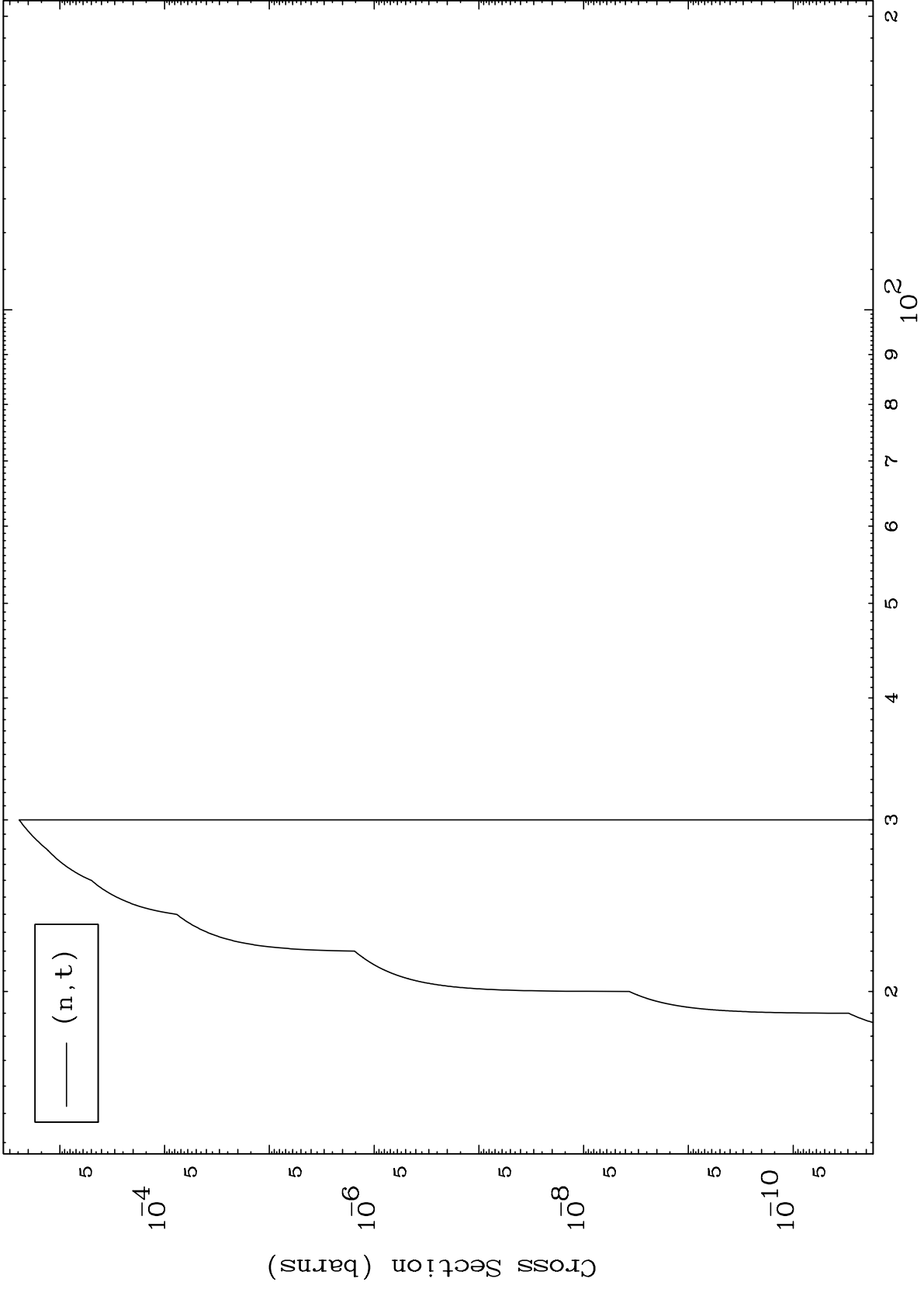
Incident Energy (MeV)

70-Yb-175

MAT 7046

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

70-Yb-175



7

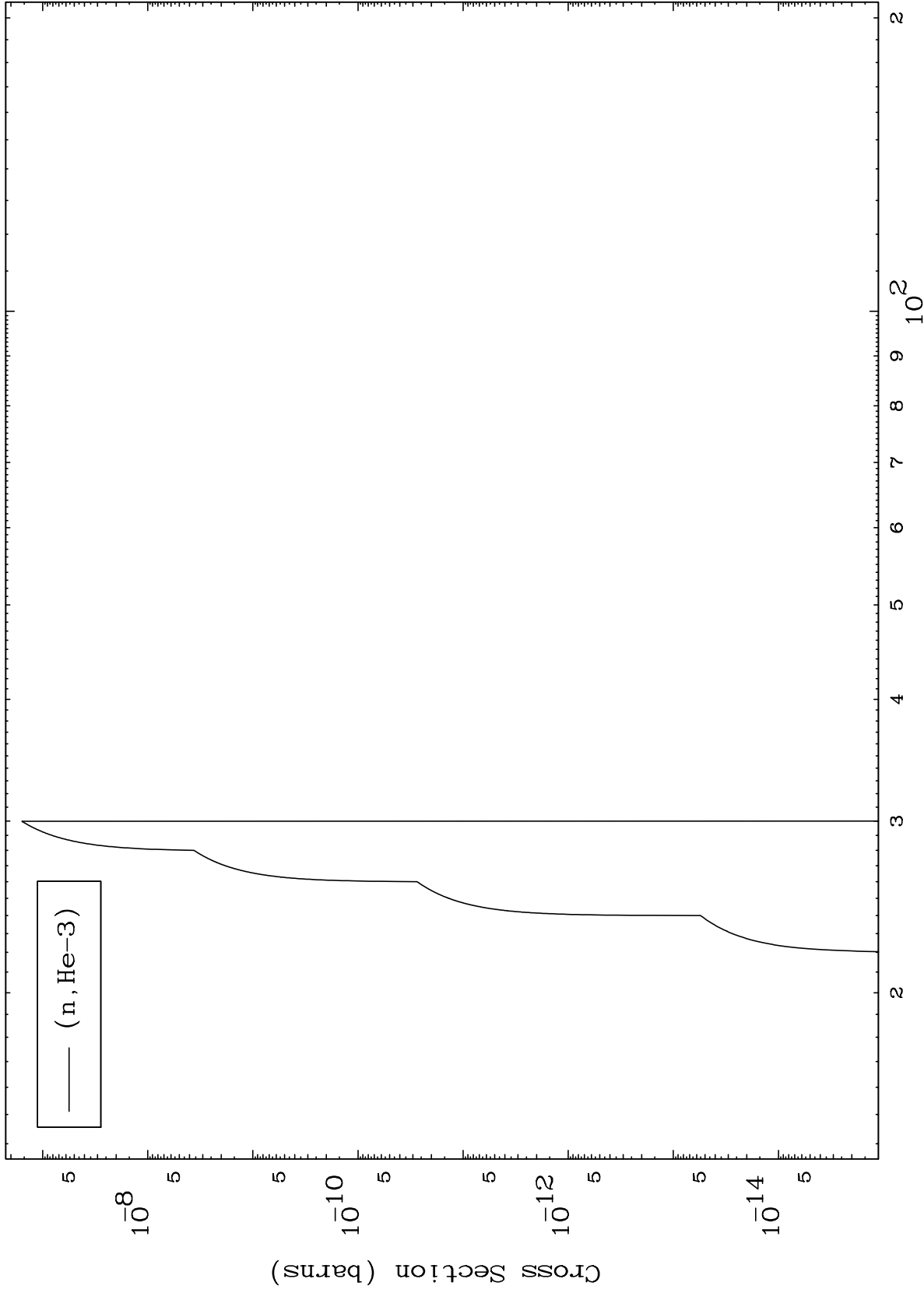
Incident Energy (MeV)

70-Yb-175

MAT 7046

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

70-Yb-175



8

Incident Energy (MeV)

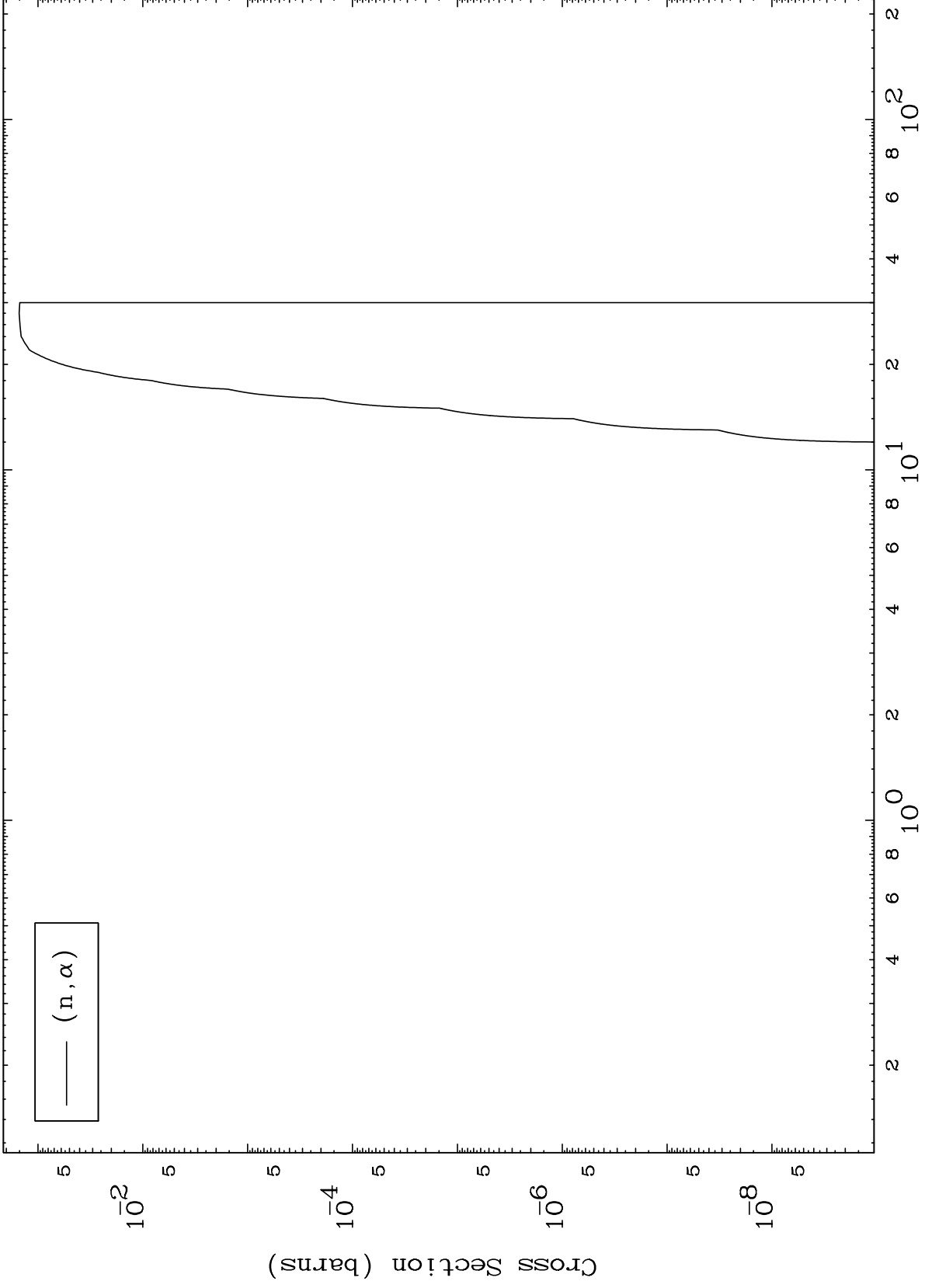
70-Yb-175

MAT 7046

( $\alpha, \alpha$ ) Levels

70-Yb-175

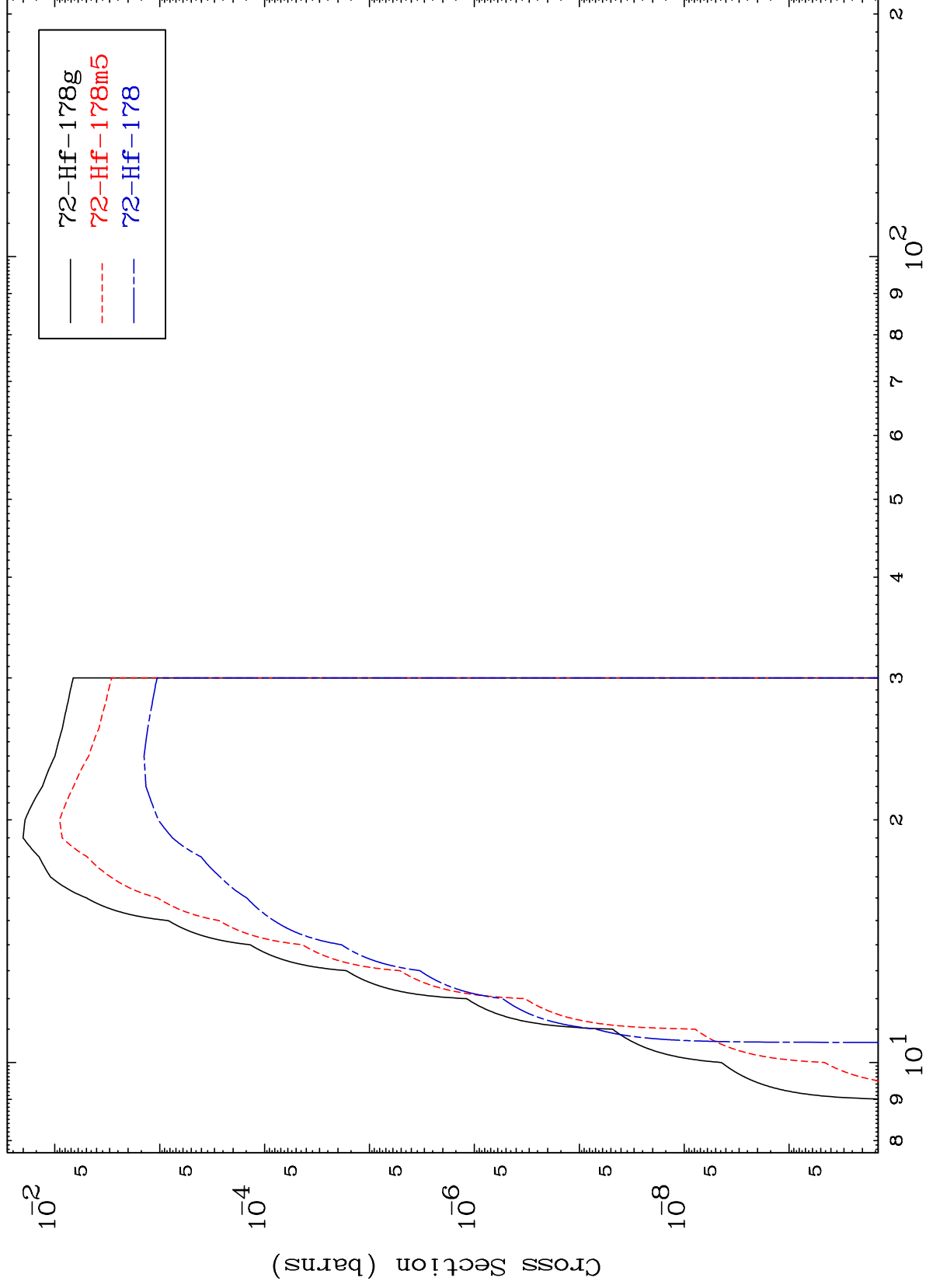
0 Kelvin Cross Sections



MAT 7046

70-Yb-175

Inelastic  
Radionuclide Production Cross Section



70-Yb-175

Incident Energy (MeV)

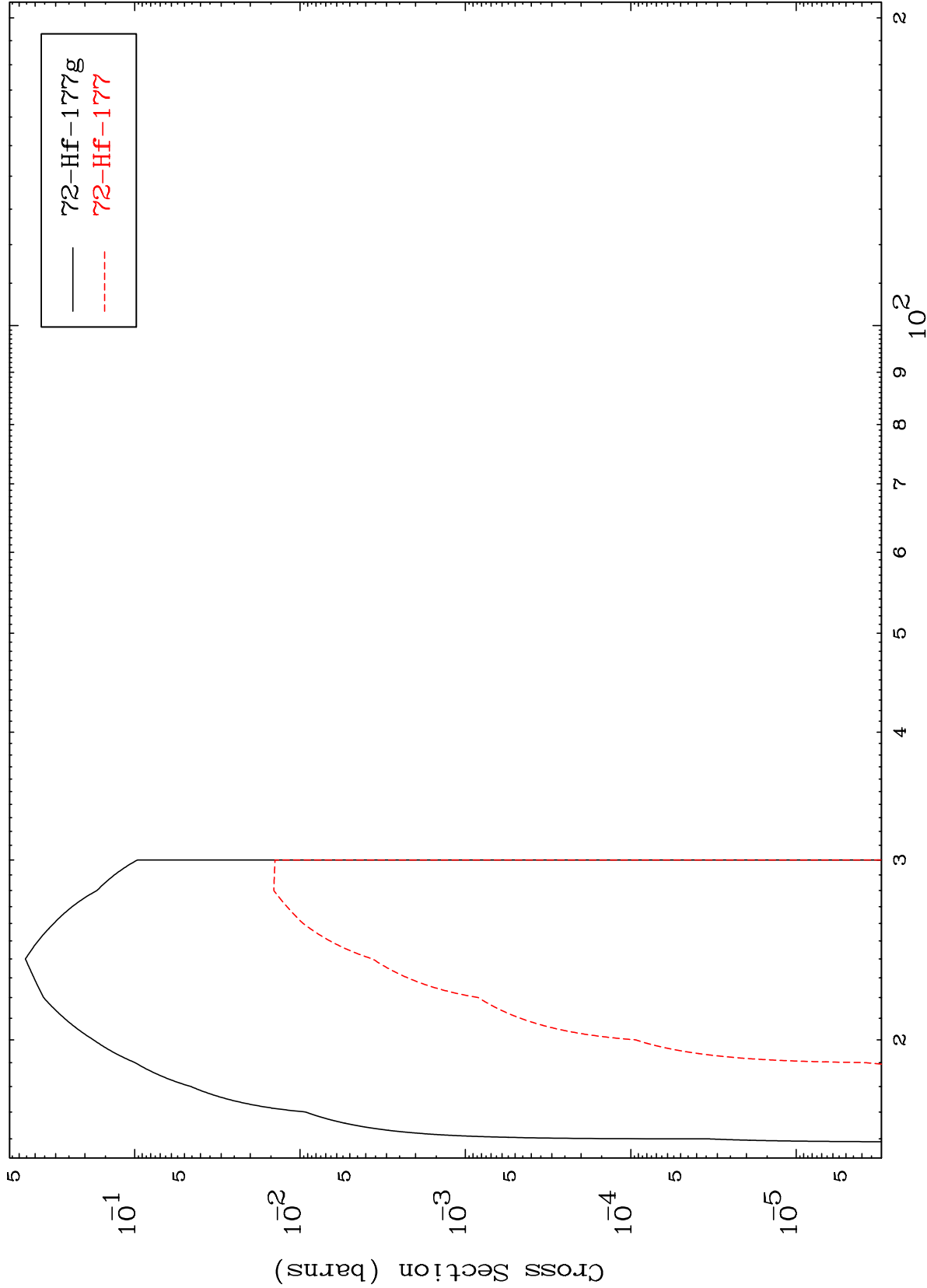
10

MAT 7046

(n,2n)

70-Yb-175

Radionuclide Production Cross Section



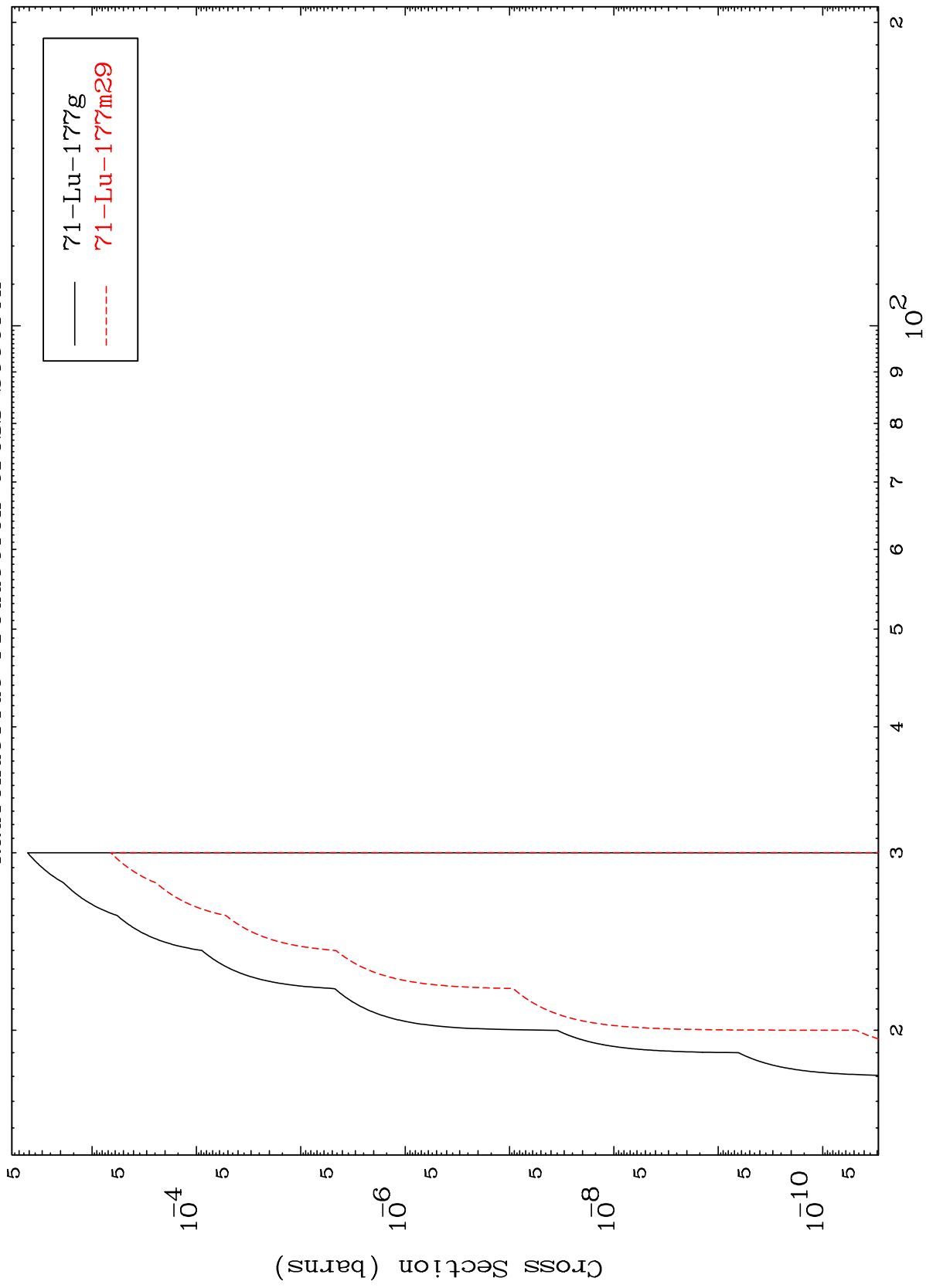
72-Hf-177g  
72-Hf-177

MAT 7046

(n,n') p

70-Yb-175

Radionuclide Production Cross Section



12

Incident Energy (MeV)

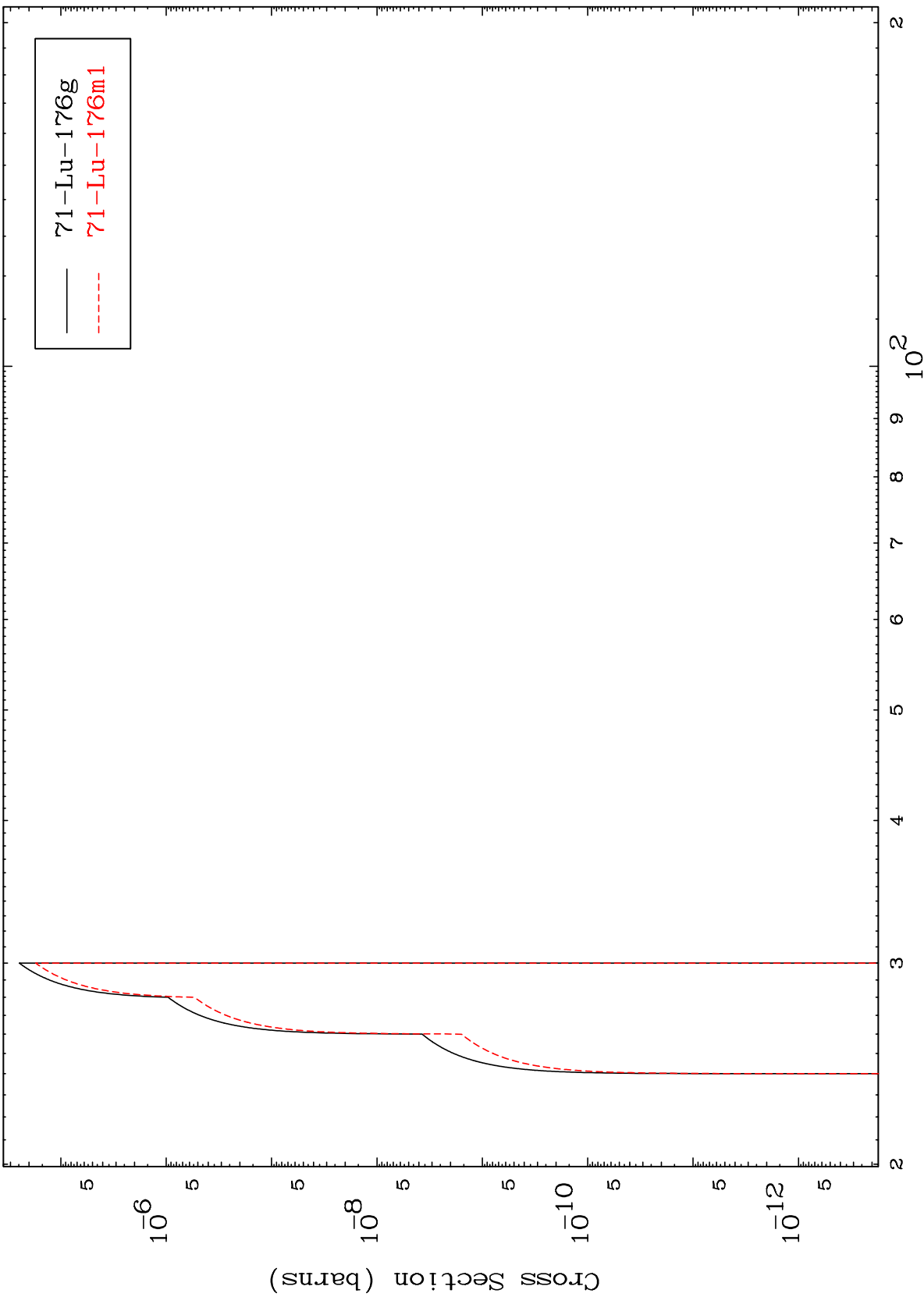
70-Yb-175

MAT 7046

(n,n') d

70-Yb-175

Radionuclide Production Cross Section



13

Incident Energy (MeV)

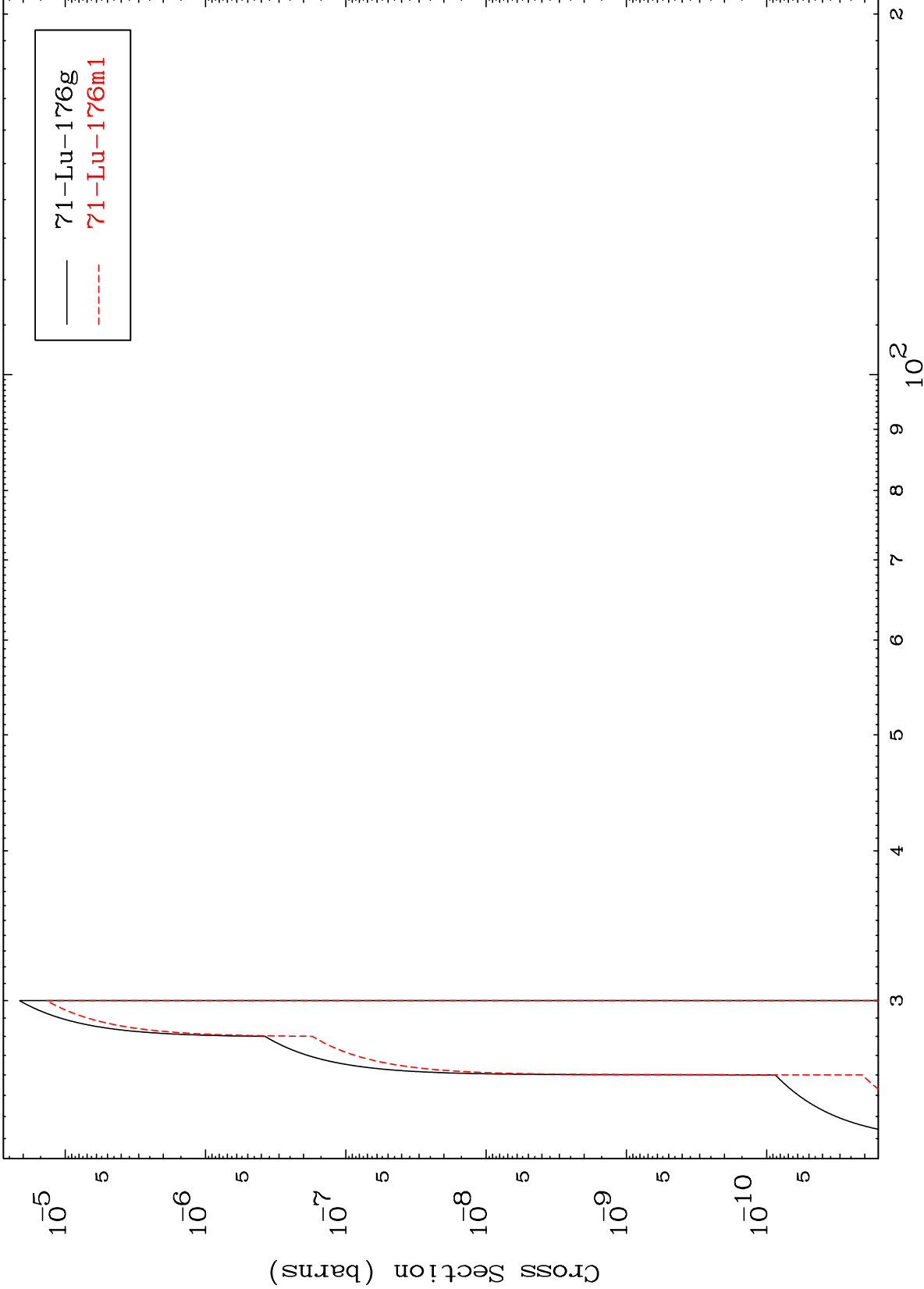
70-Yb-175

MAT 7046

(n,2n) p

70-Yb-175

Radionuclide Production Cross Section



71-Lu-176g  
71-Lu-176m1

14

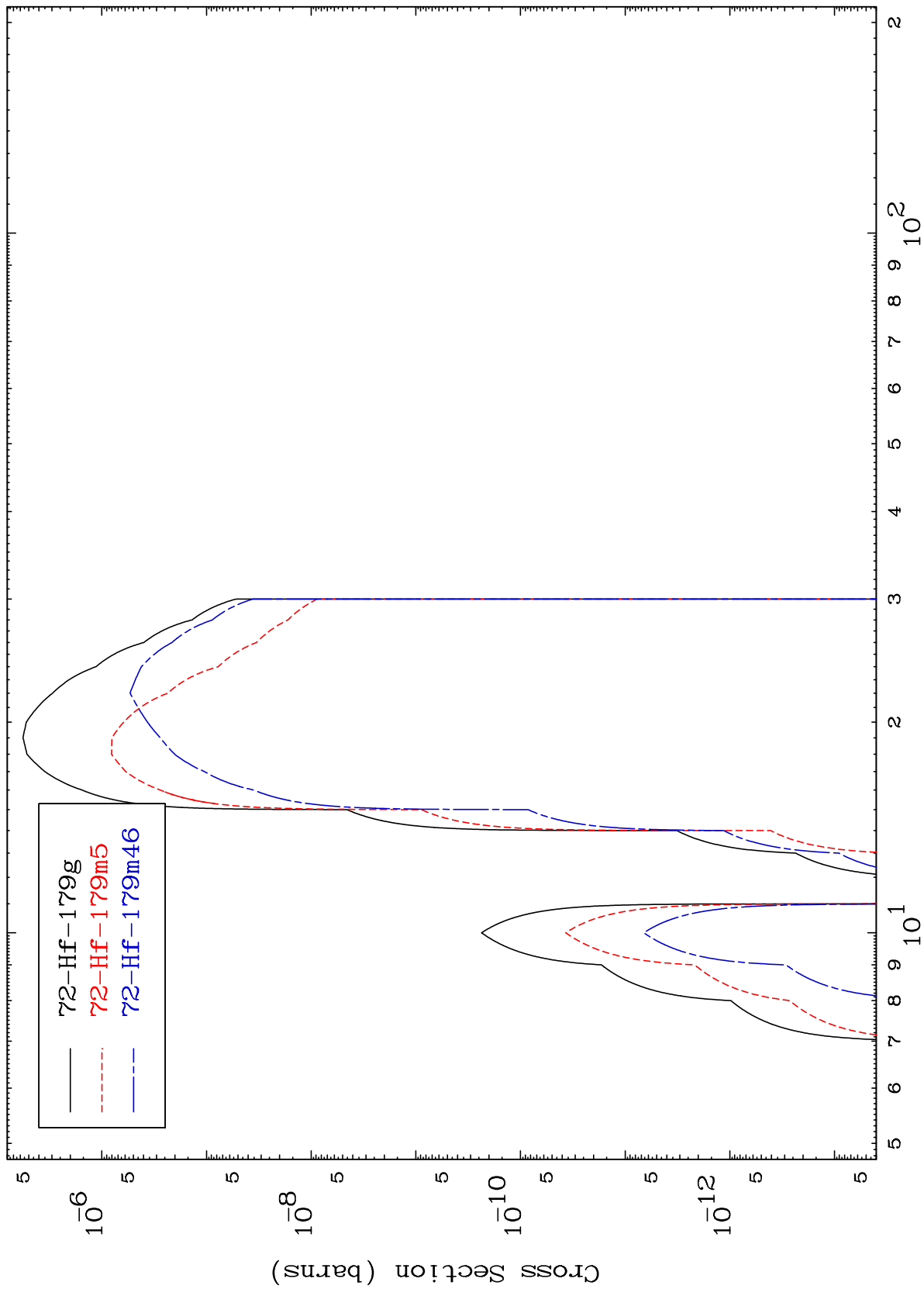
Incident Energy (MeV)

70-Yb-175

MAT 7046

70-Yb-175

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



70-Yb-175

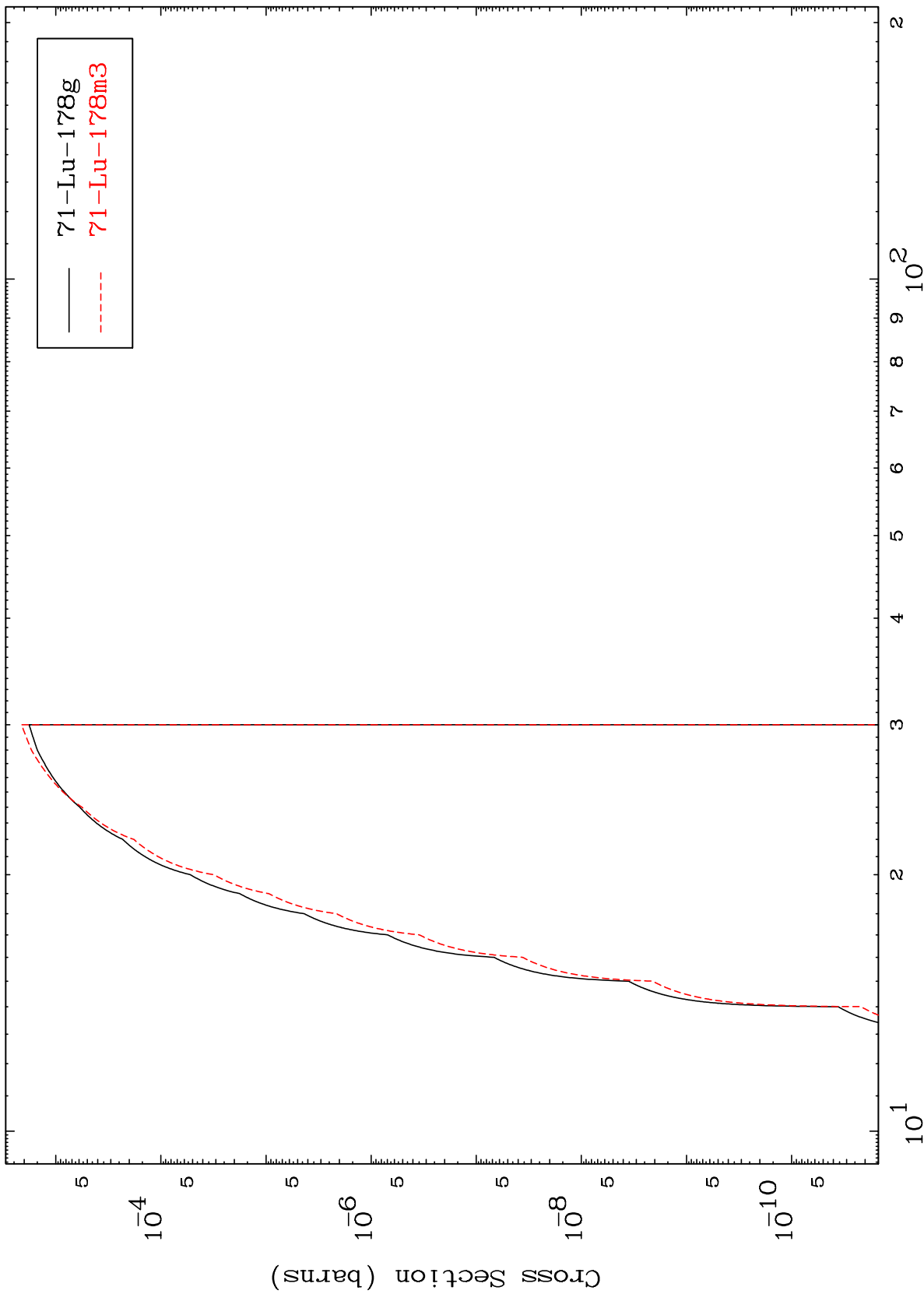
Incident Energy (MeV)

15

MAT 7046

70-Yb-175

(n,p)  
Radionuclide Production Cross Section



70-Yb-175

Incident Energy (MeV)

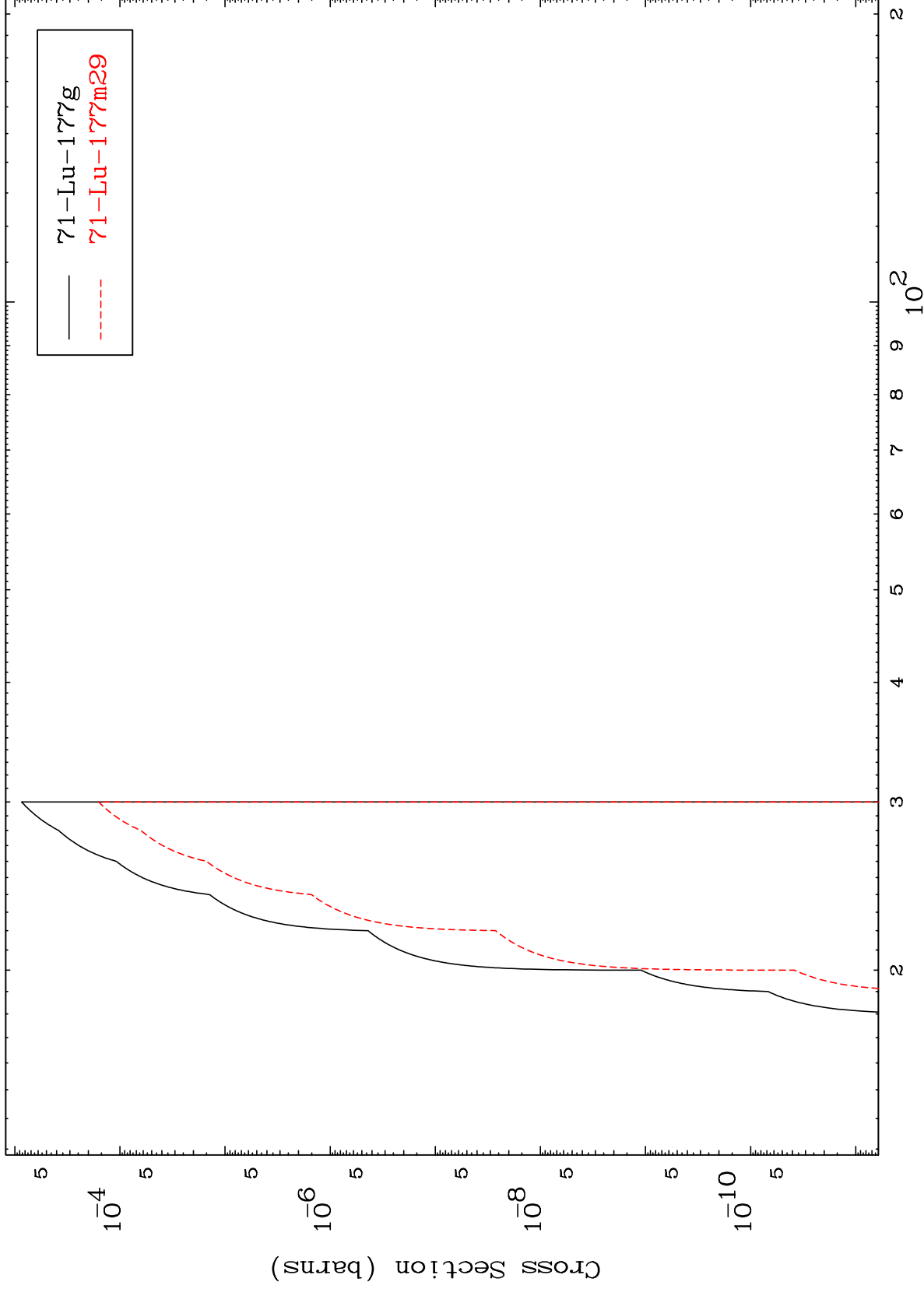
16

MAT 7046

(n,d)

70-Yb-175

Radionuclide Production Cross Section



17

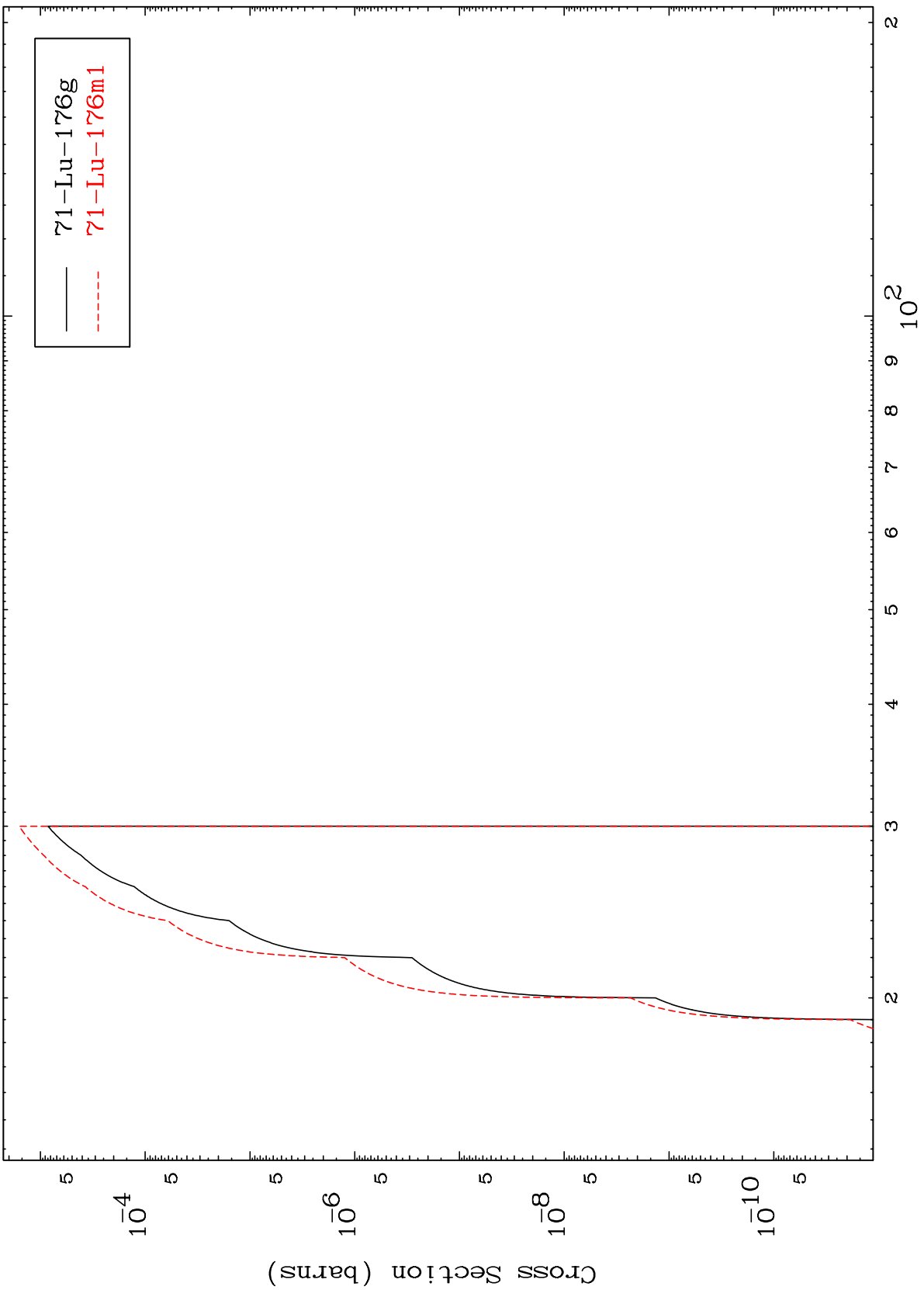
Incident Energy (MeV)

70-Yb-175

MAT 7046

70-Yb-175

(n,t)  
Radionuclide Production Cross Section



71-Lu-176g  
71-Lu-176m1

18

Incident Energy (MeV)

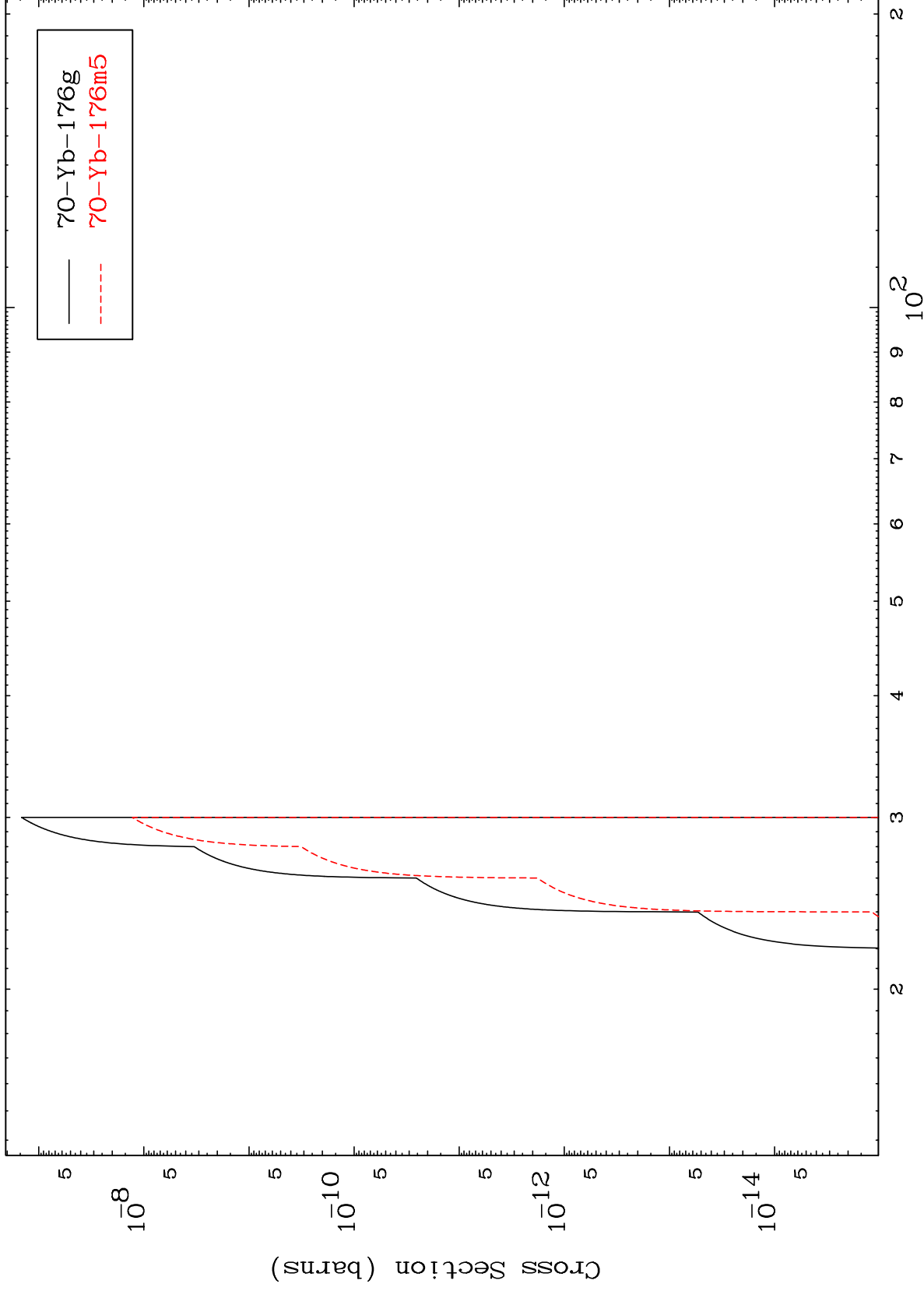
70-Yb-175

MAT 7046

(n,He-3)

70-Yb-175

Radionuclide Production Cross Section



19

Incident Energy (MeV)

70-Yb-175