

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

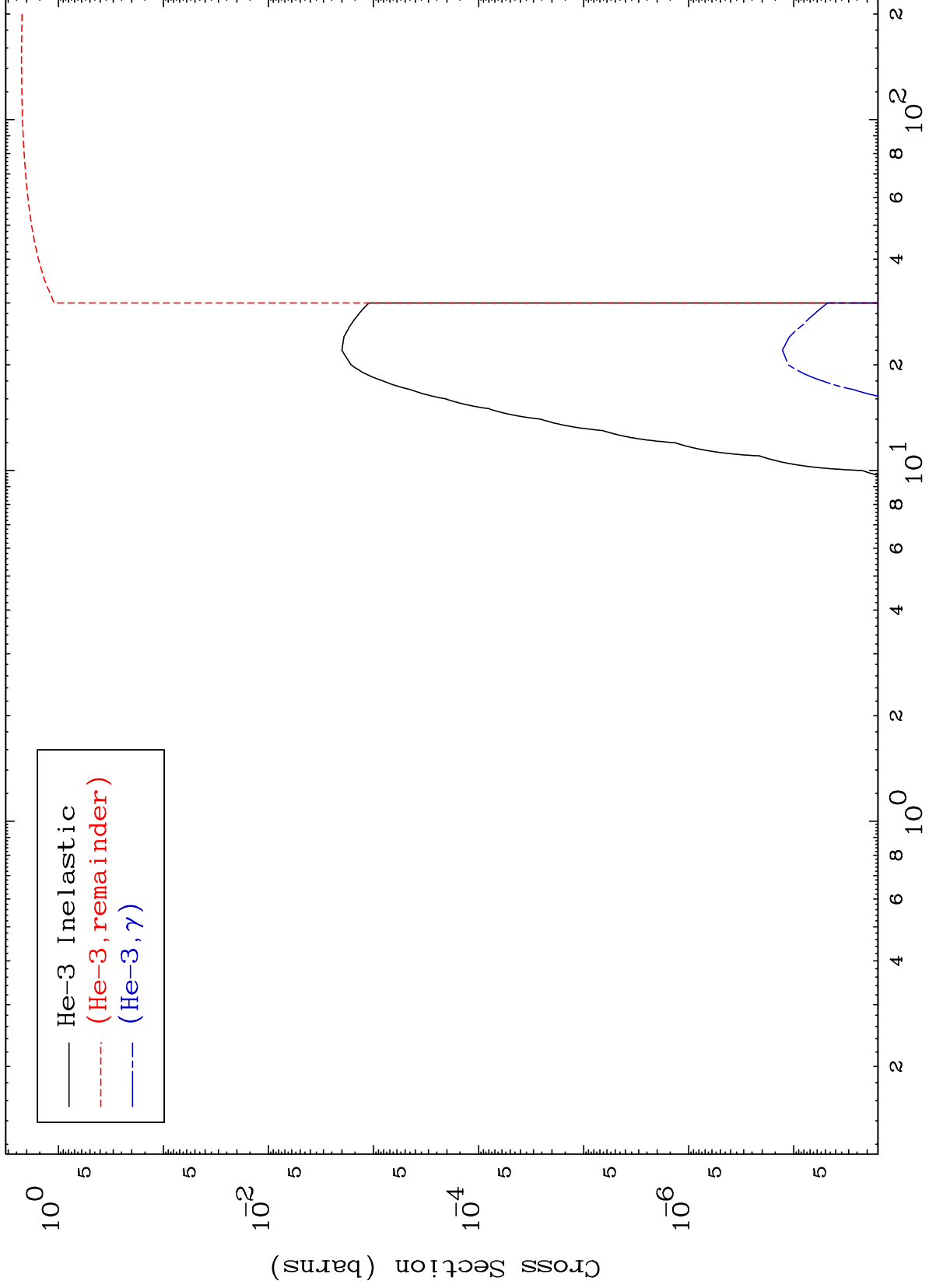
Press Mouse Button to Start

MAT 7031

He-3 Major

70-Yb-170

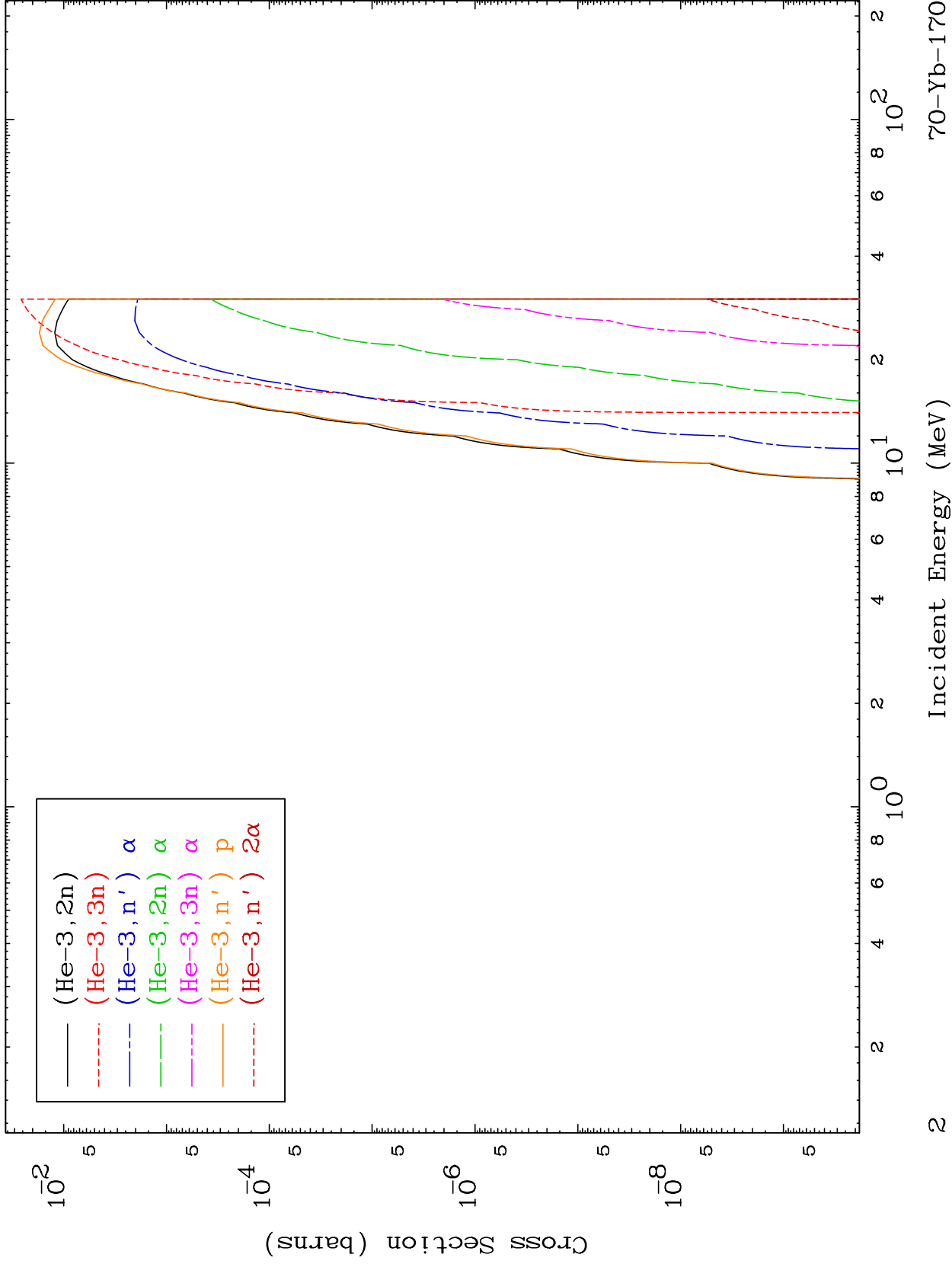
0 Kelvin Cross Sections

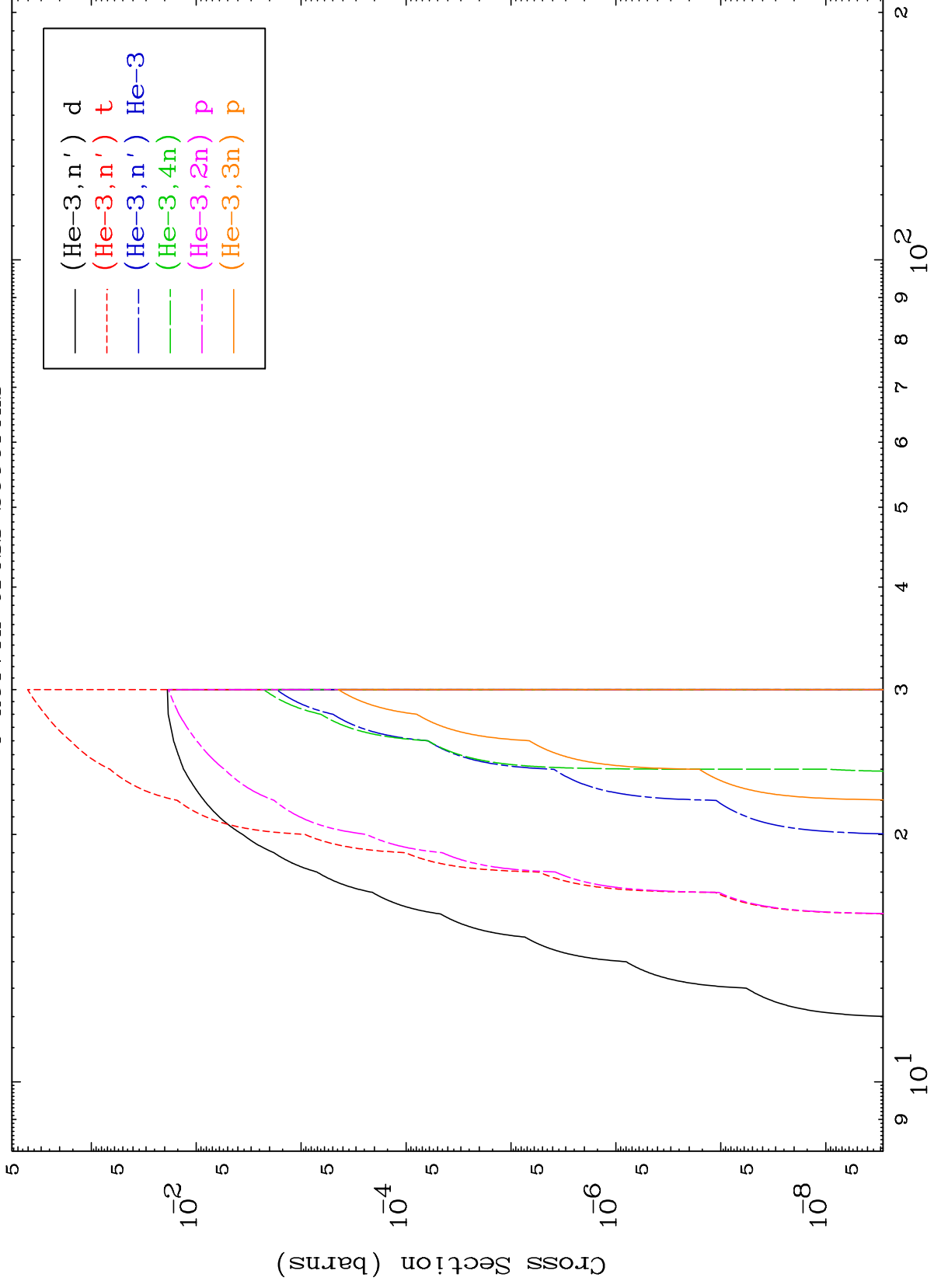


MAT 7031

He-3 Neutron Production  
0 Kelvin Cross Sections

70-Yb-170

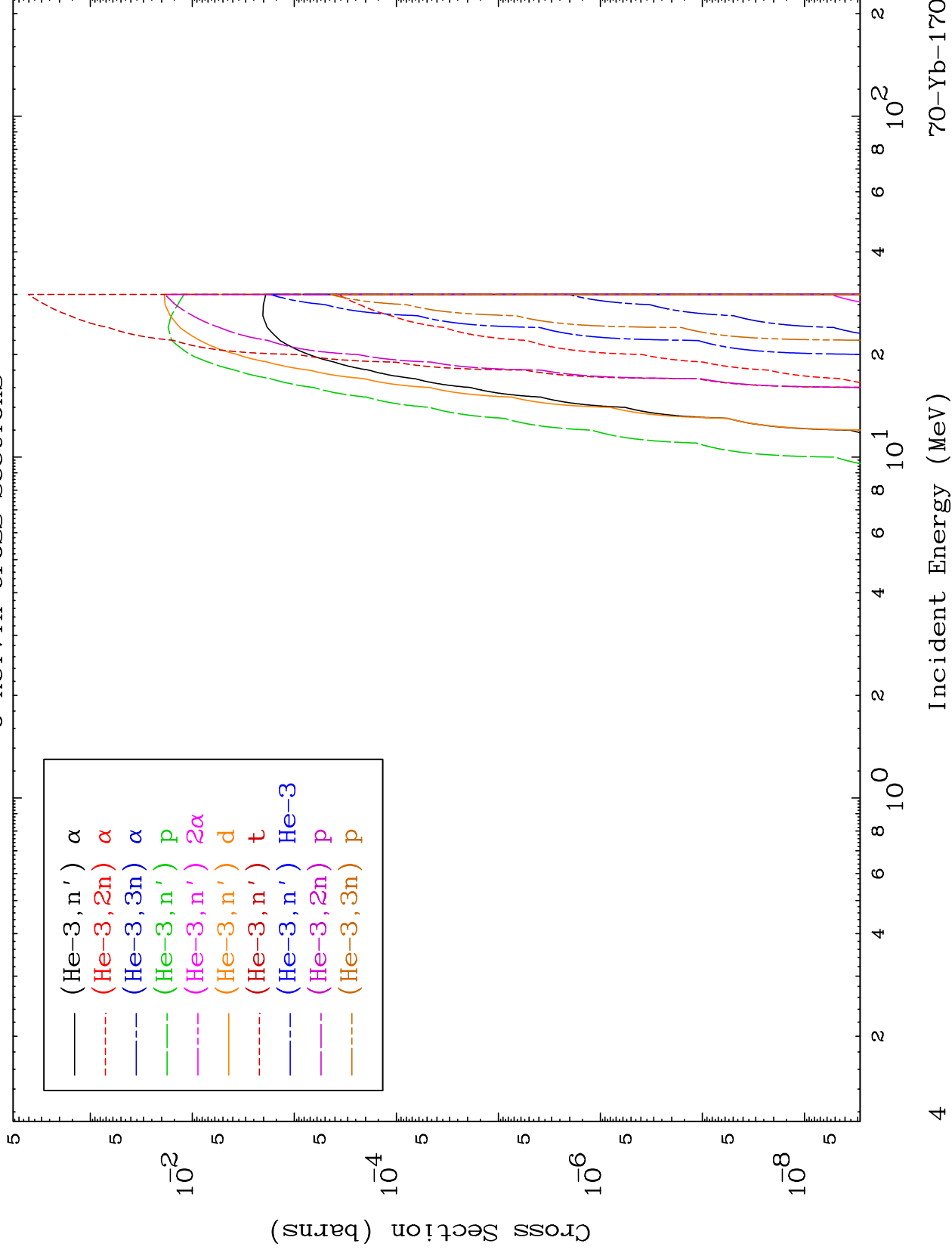




MAT 7031

He-3 Charged Particle  
0 Kelvin Cross Sections

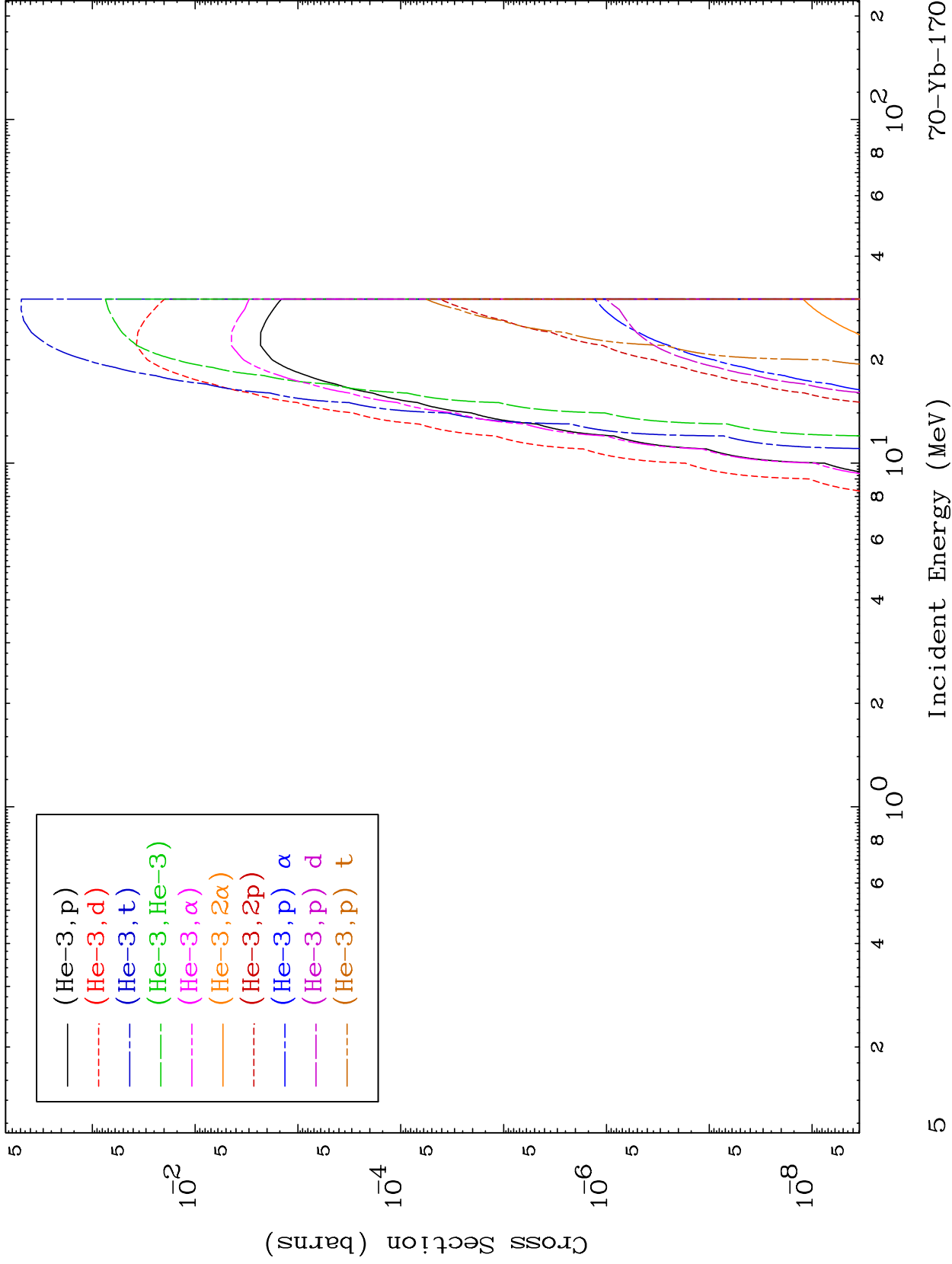
70-Yb-170



MAT 7031

He-3 Charged Particle  
0 Kelvin Cross Sections

70-Yb-170

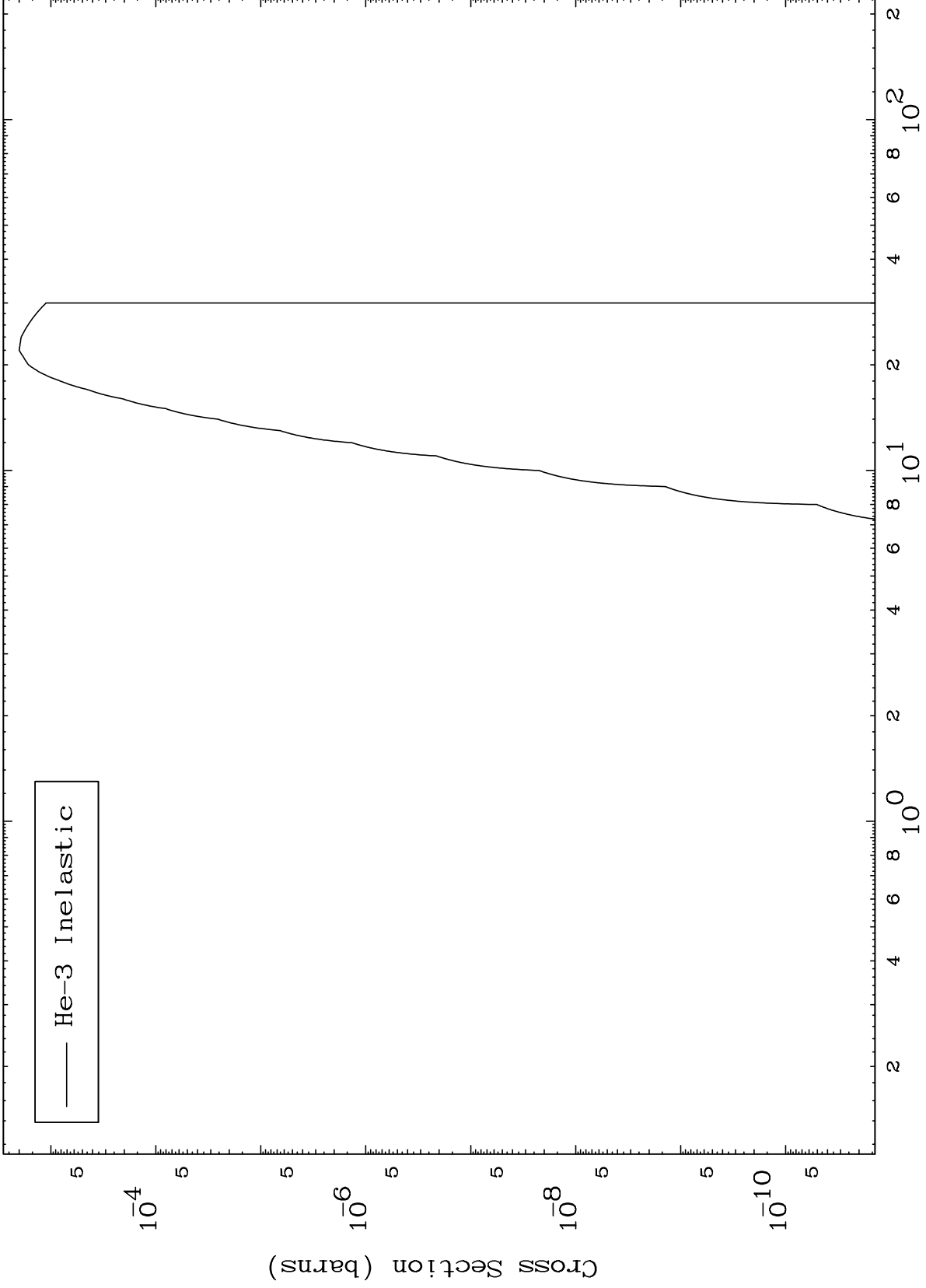


MAT 7031

(He-3, n') Level

70-Yb-170

0 Kelvin Cross Sections

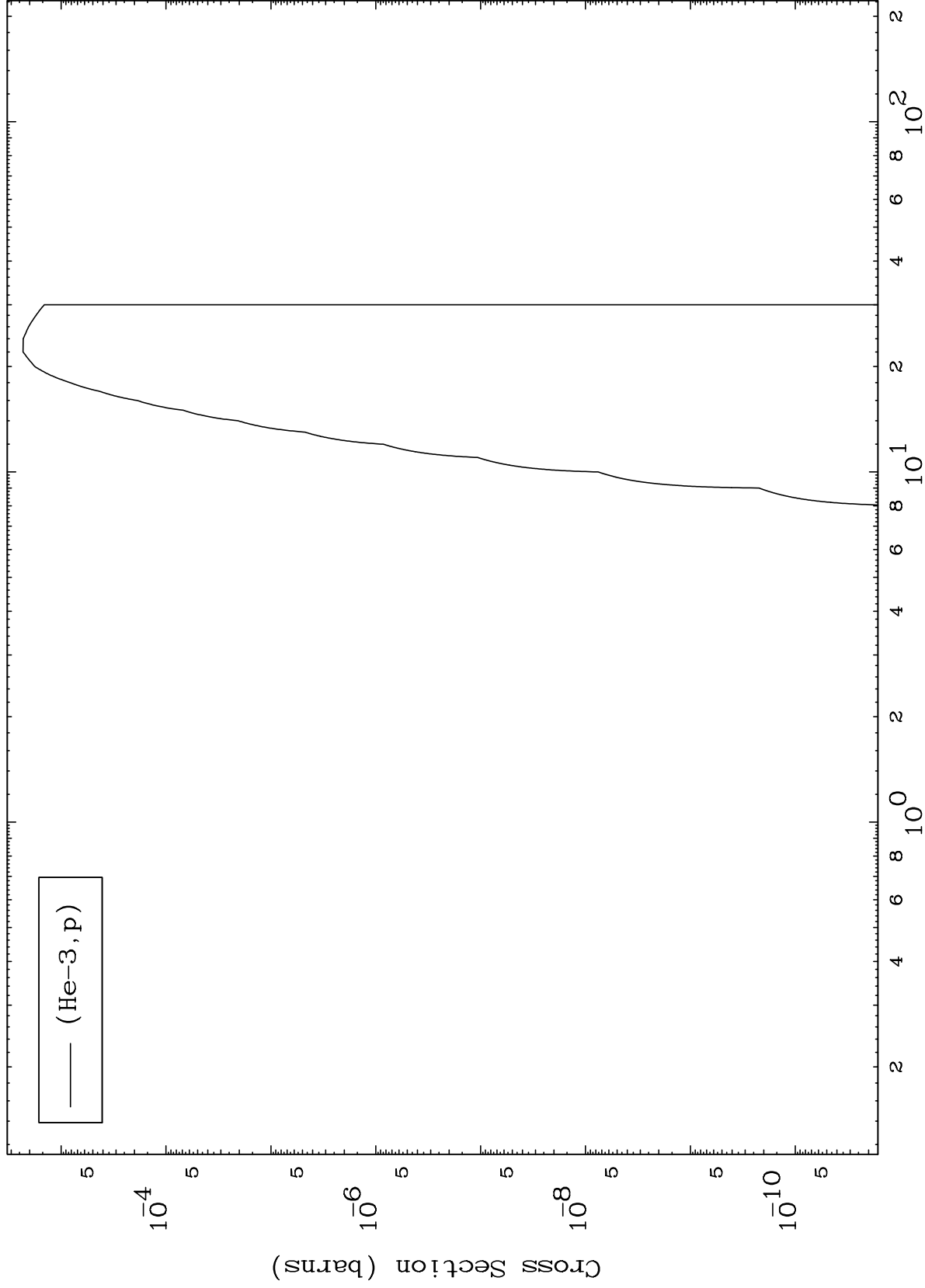


MAT 7031

(He-3,p) Levels

70-Yb-170

0 Kelvin Cross Sections



7

Incident Energy (MeV)

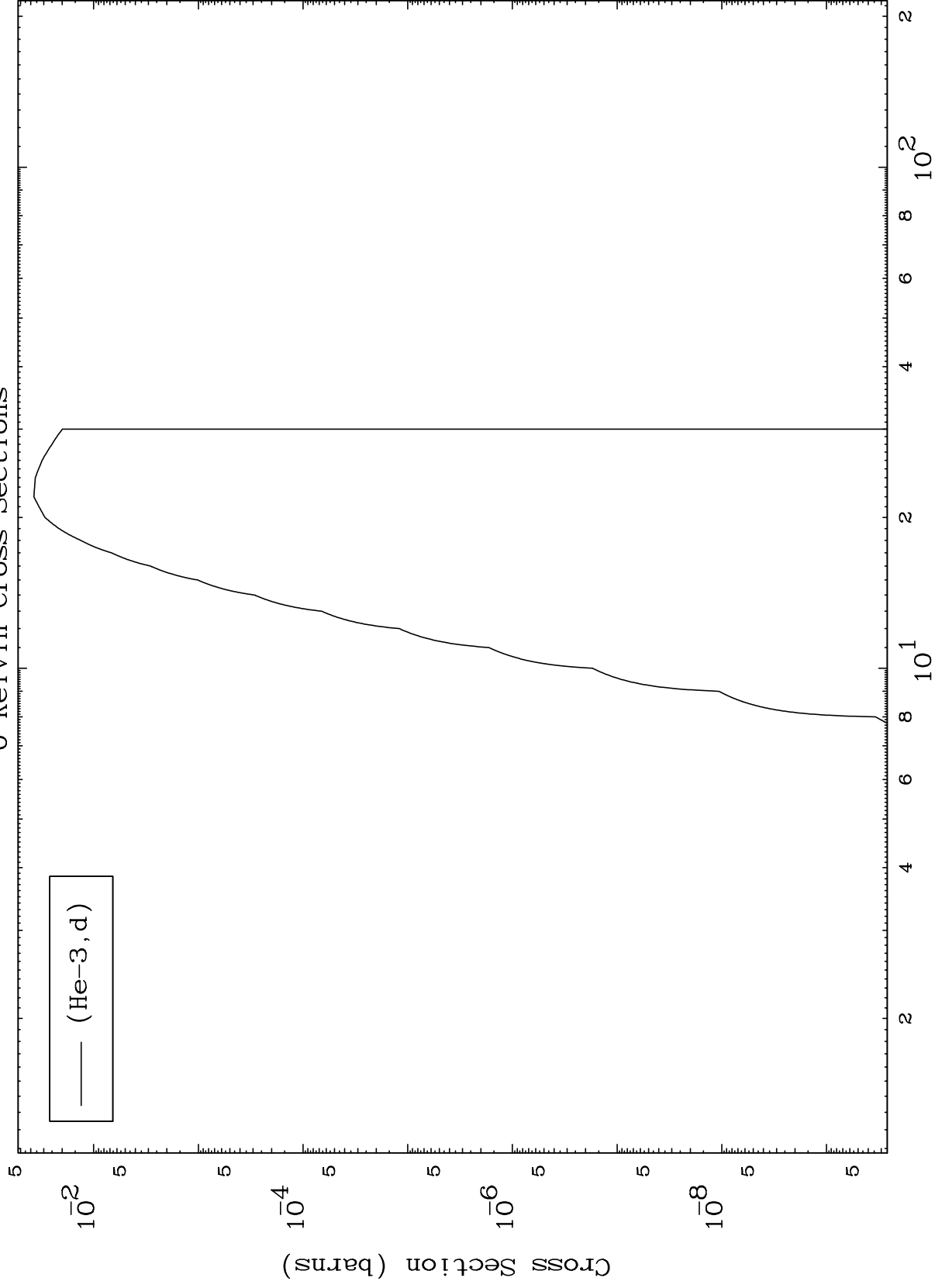
70-Yb-170



MAT 7031

70-Yb-170

(He-3,d) Levels  
0 Kelvin Cross Sections



8

Incident Energy (MeV)

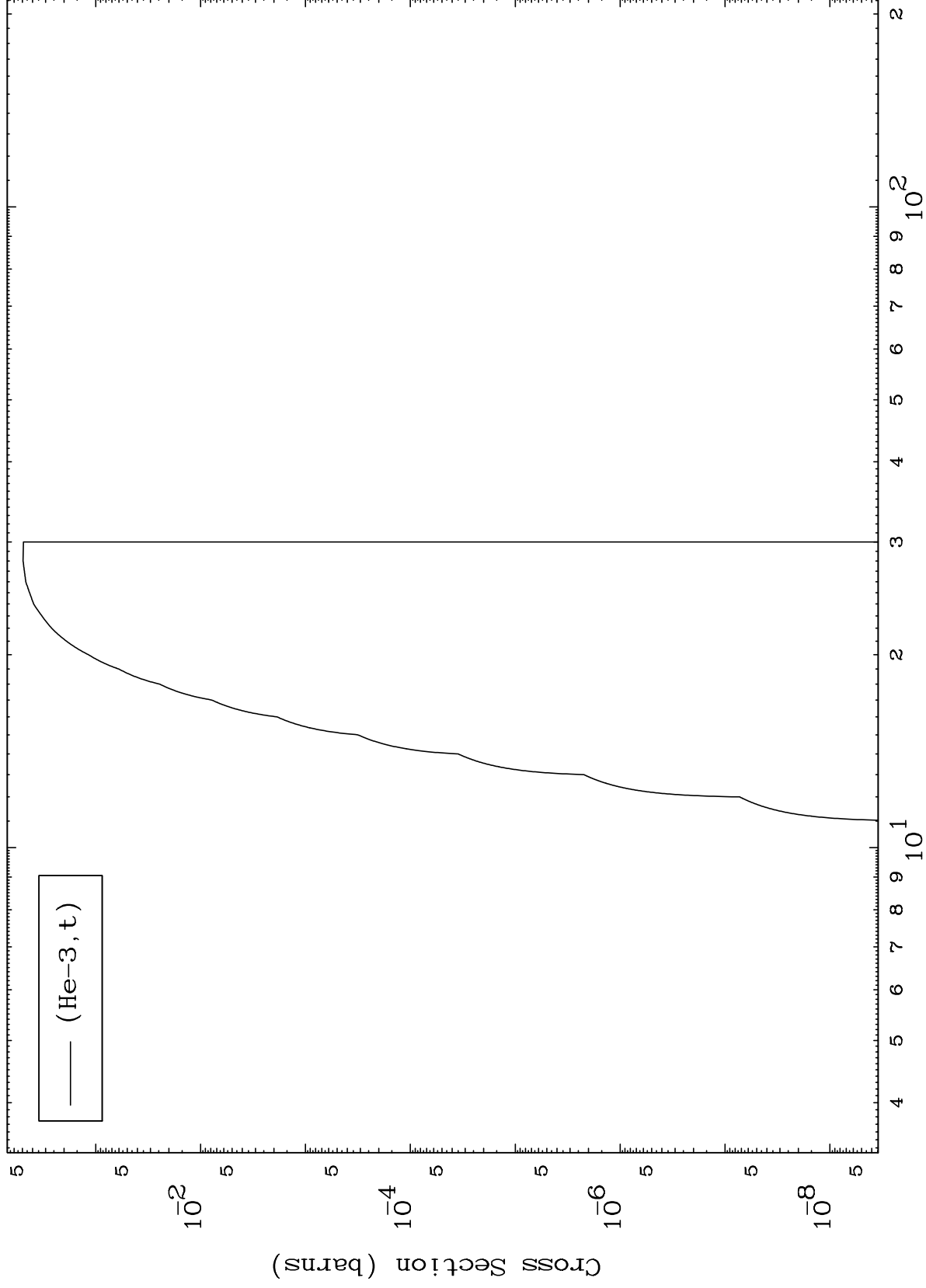
70-Yb-170

MAT 7031

(He-3, t) Levels

70-Yb-170

0 Kelvin Cross Sections



9

Incident Energy (MeV)

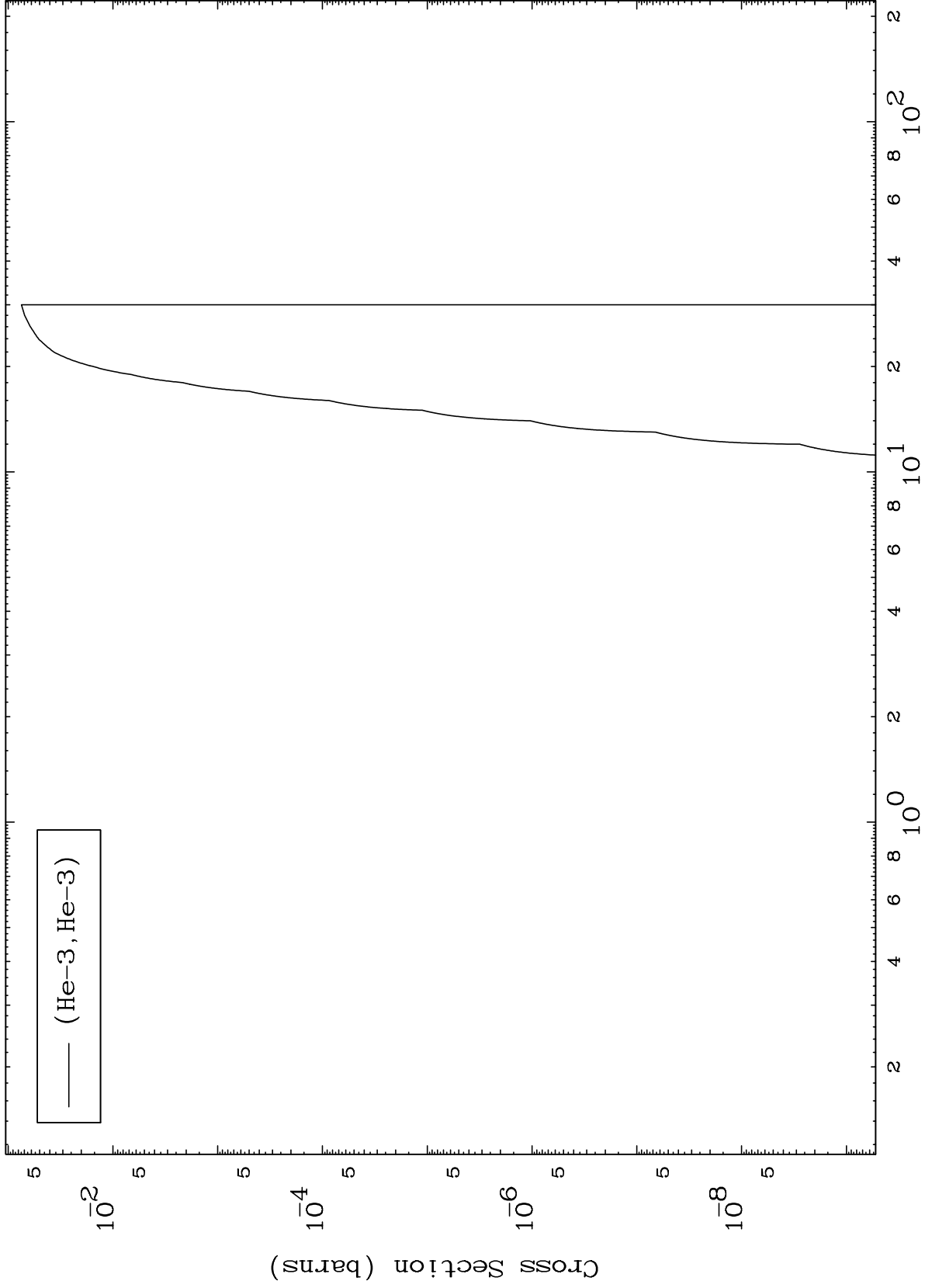
70-Yb-170

MAT 7031

(He-3, He3) Levels

70-Yb-170

0 Kelvin Cross Sections



10

Incident Energy (MeV)

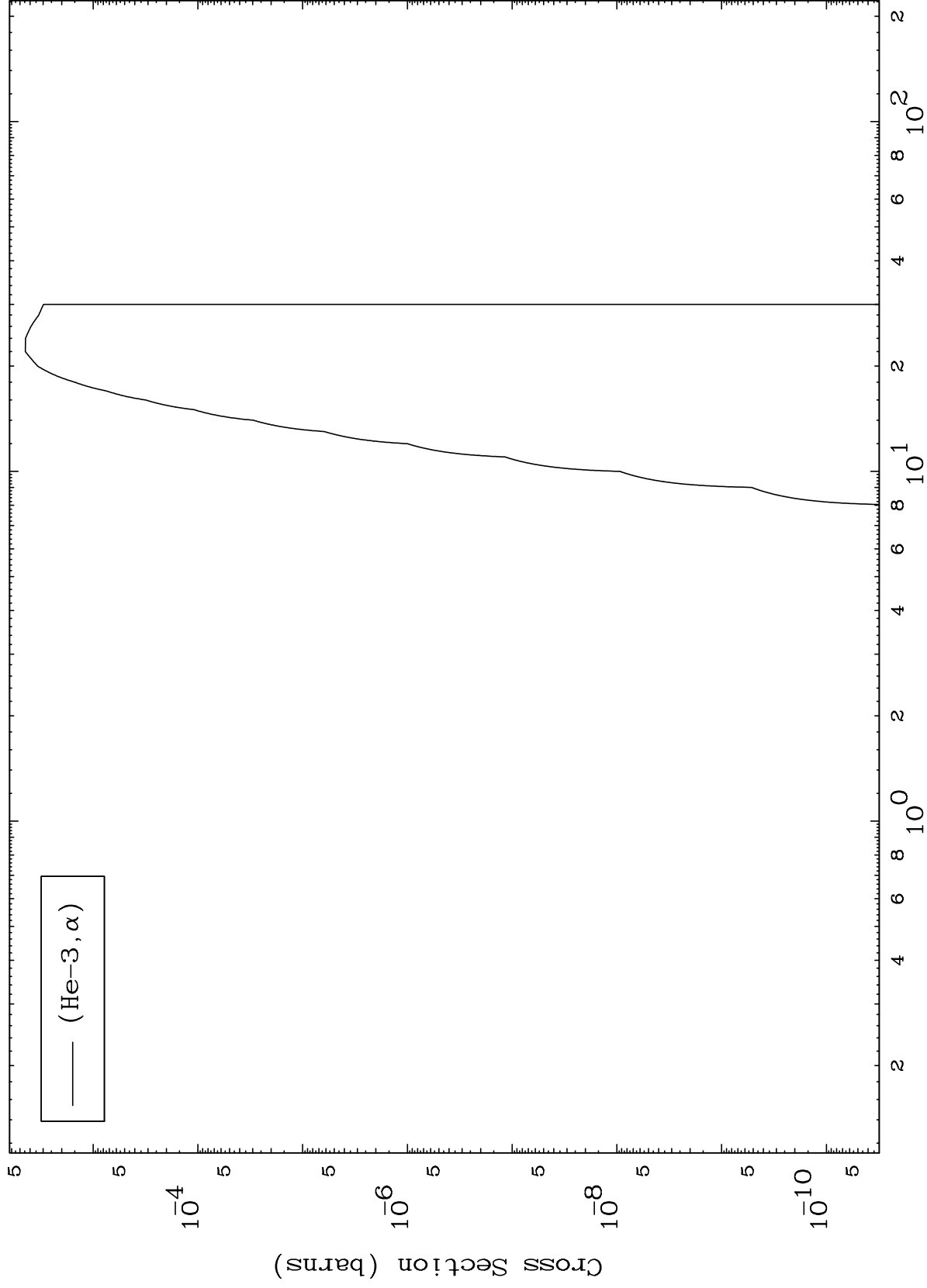
70-Yb-170

MAT 7031

(He-3,  $\alpha$ ) Levels

70-Yb-170

0 Kelvin Cross Sections



11

Incident Energy (MeV)

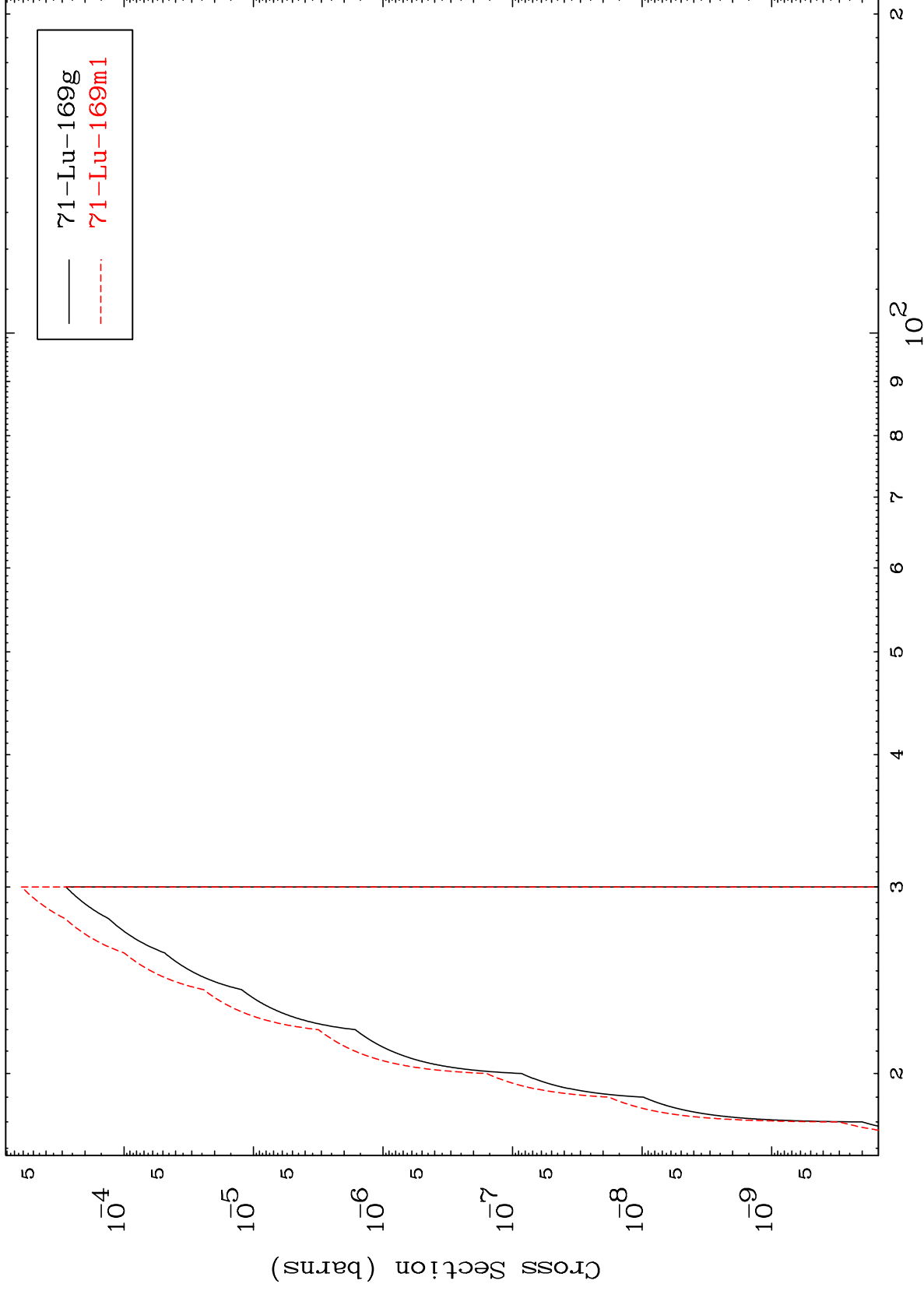
70-Yb-170

MAT 7031

(He-3,2n) d

70-Yb-170

Radionuclide Production Cross Section



12

Incident Energy (MeV)

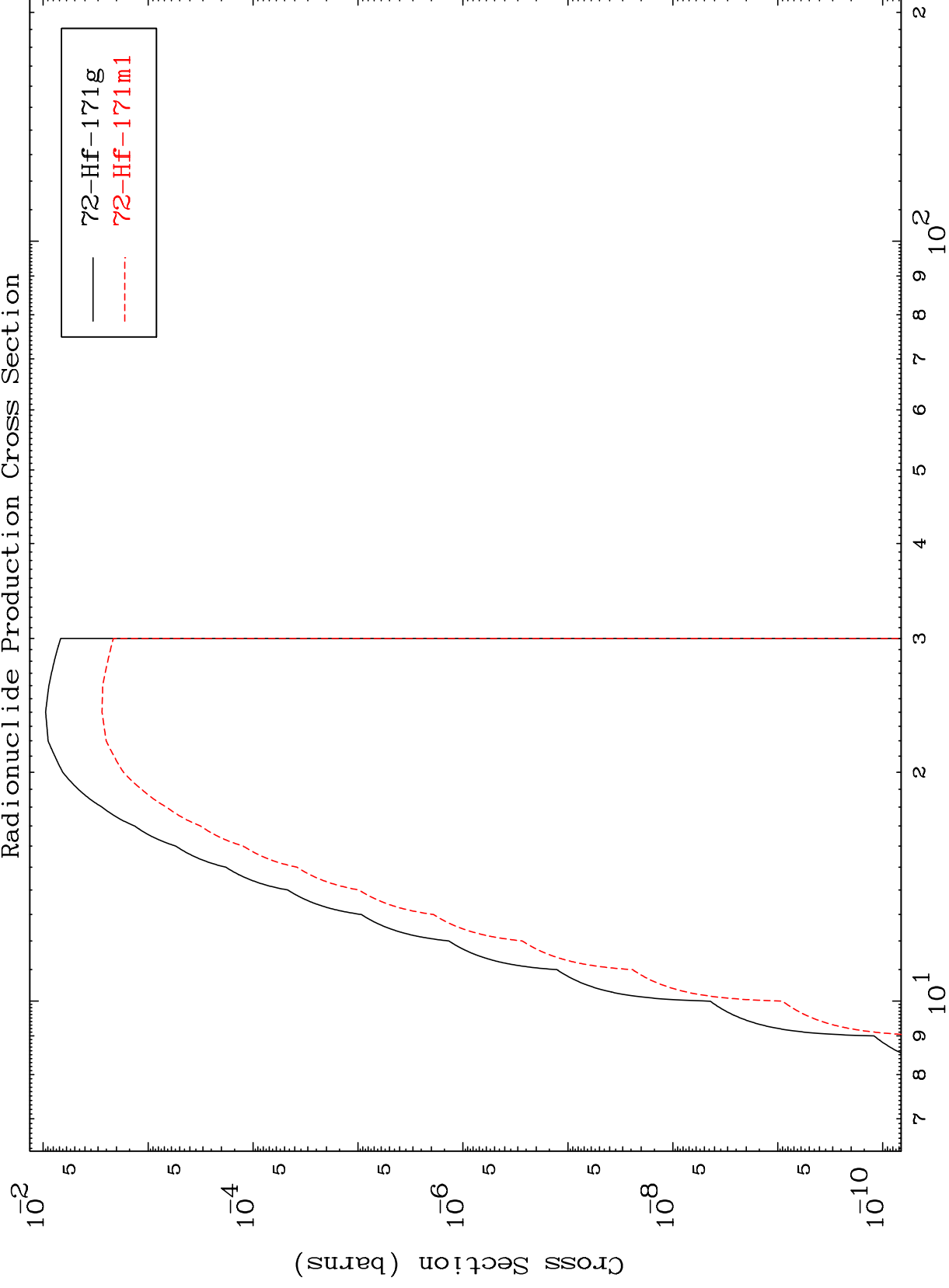
70-Yb-170

MAT 7031

(He-3,2n)

70-Yb-170

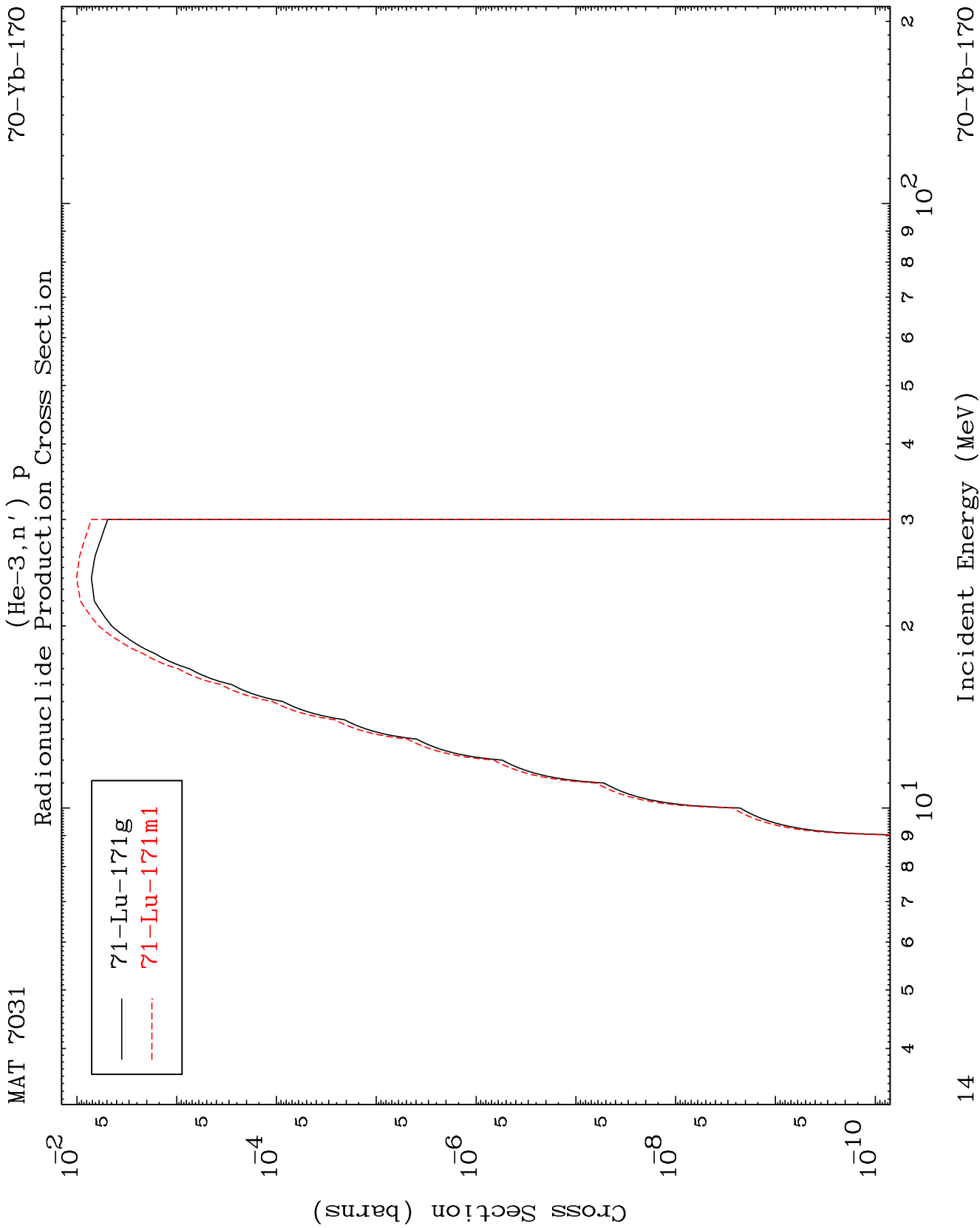
Radionuclide Production Cross Section



13

Incident Energy (MeV)

70-Yb-170

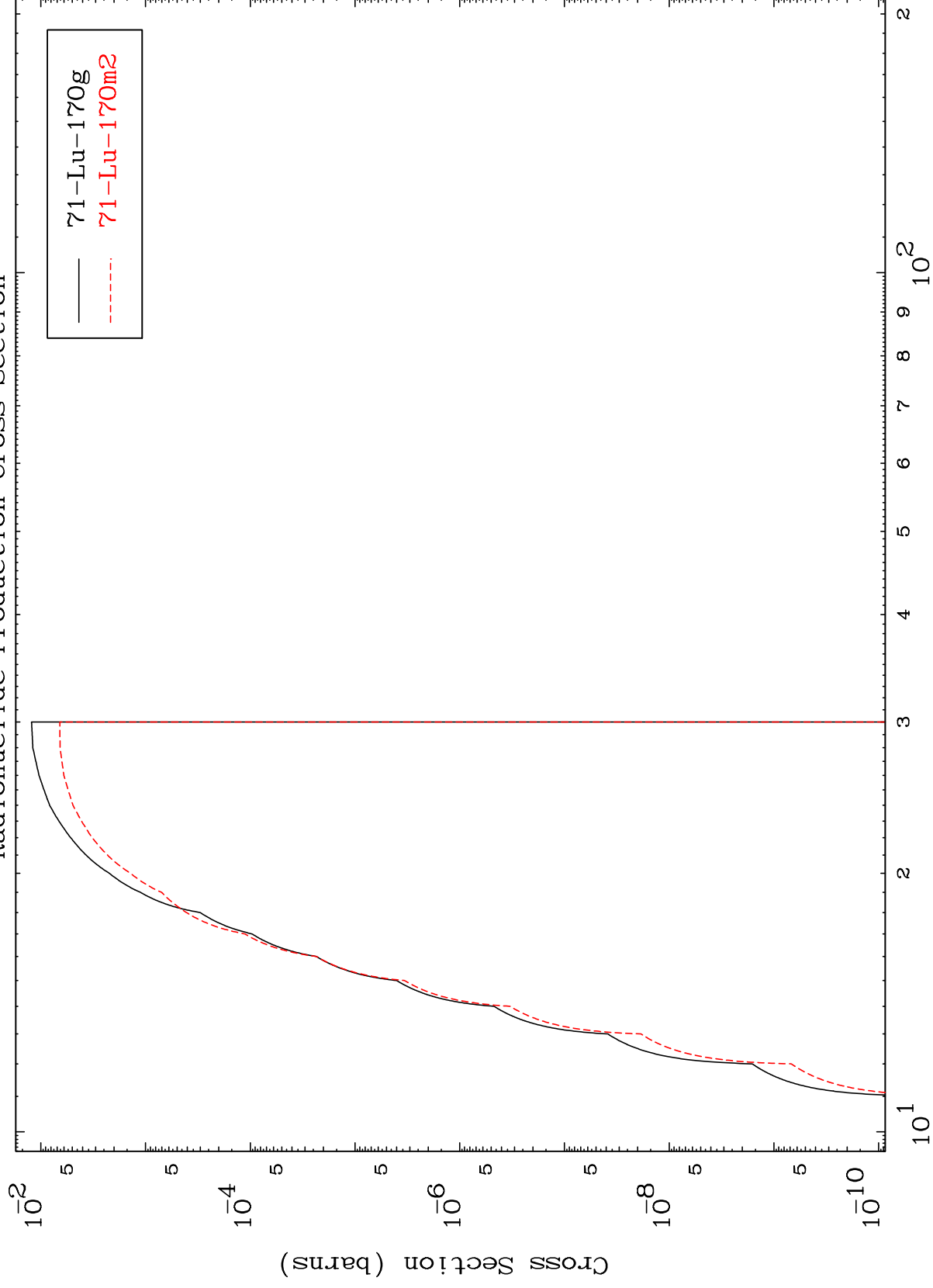


MAT 7031

(He-3, n') d

70-Yb-170

Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-170

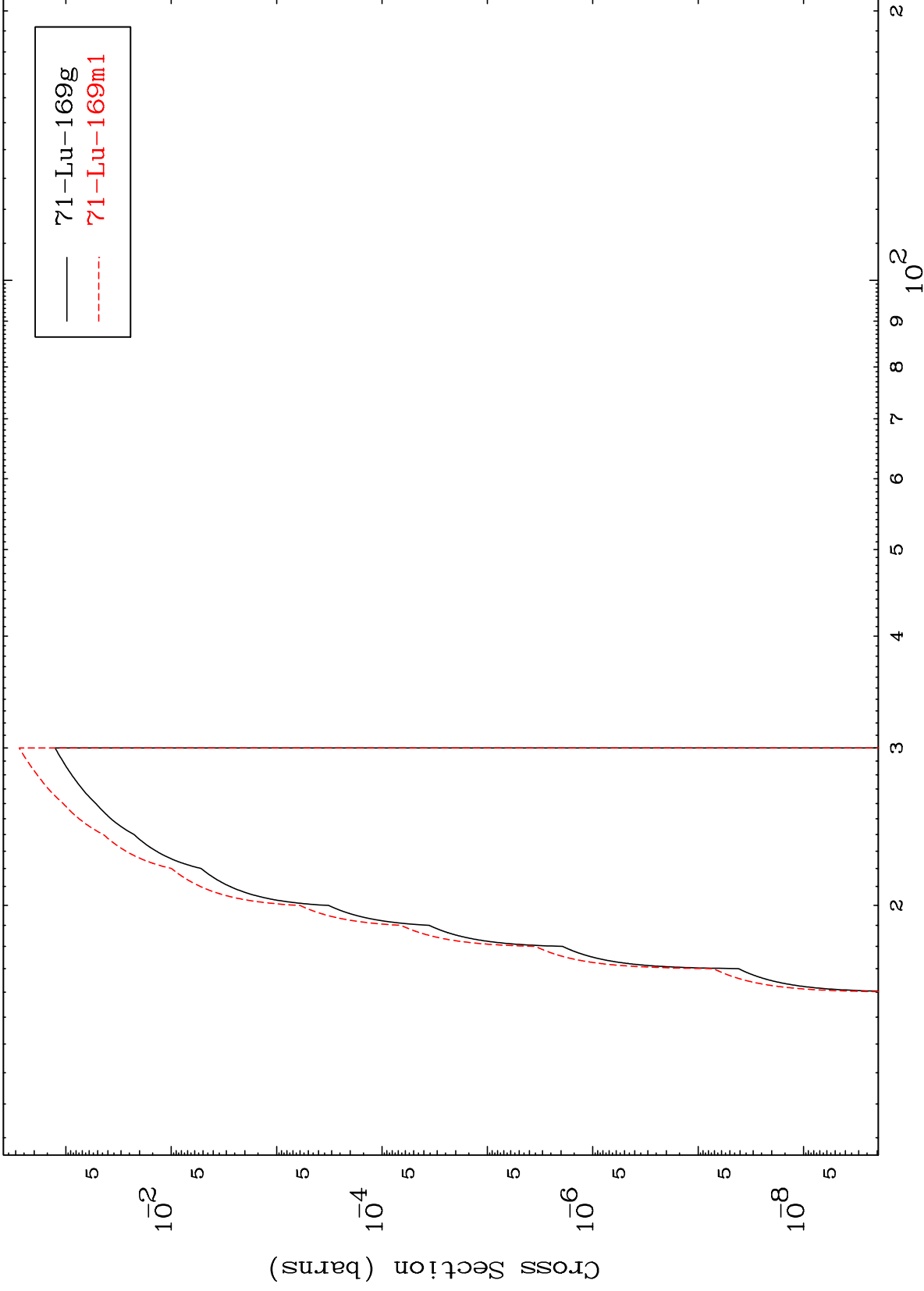


MAT 7031

(He-3, n') t

70-Yb-170

Radionuclide Production Cross Section



16

Incident Energy (MeV)

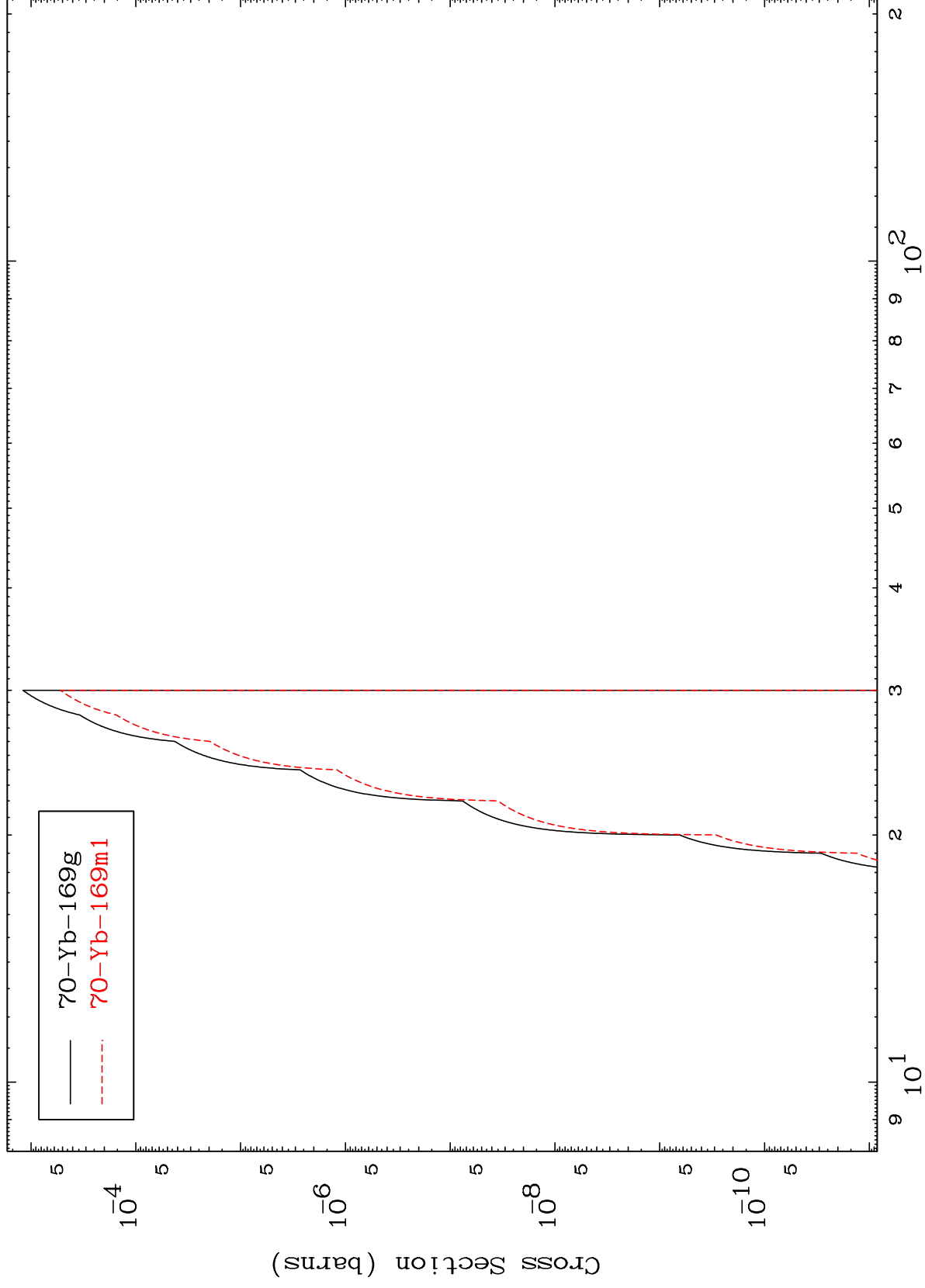
70-Yb-170

MAT 7031

(He-3, n') He-3

70-Yb-170

Radionuclide Production Cross Section



17

Incident Energy (MeV)

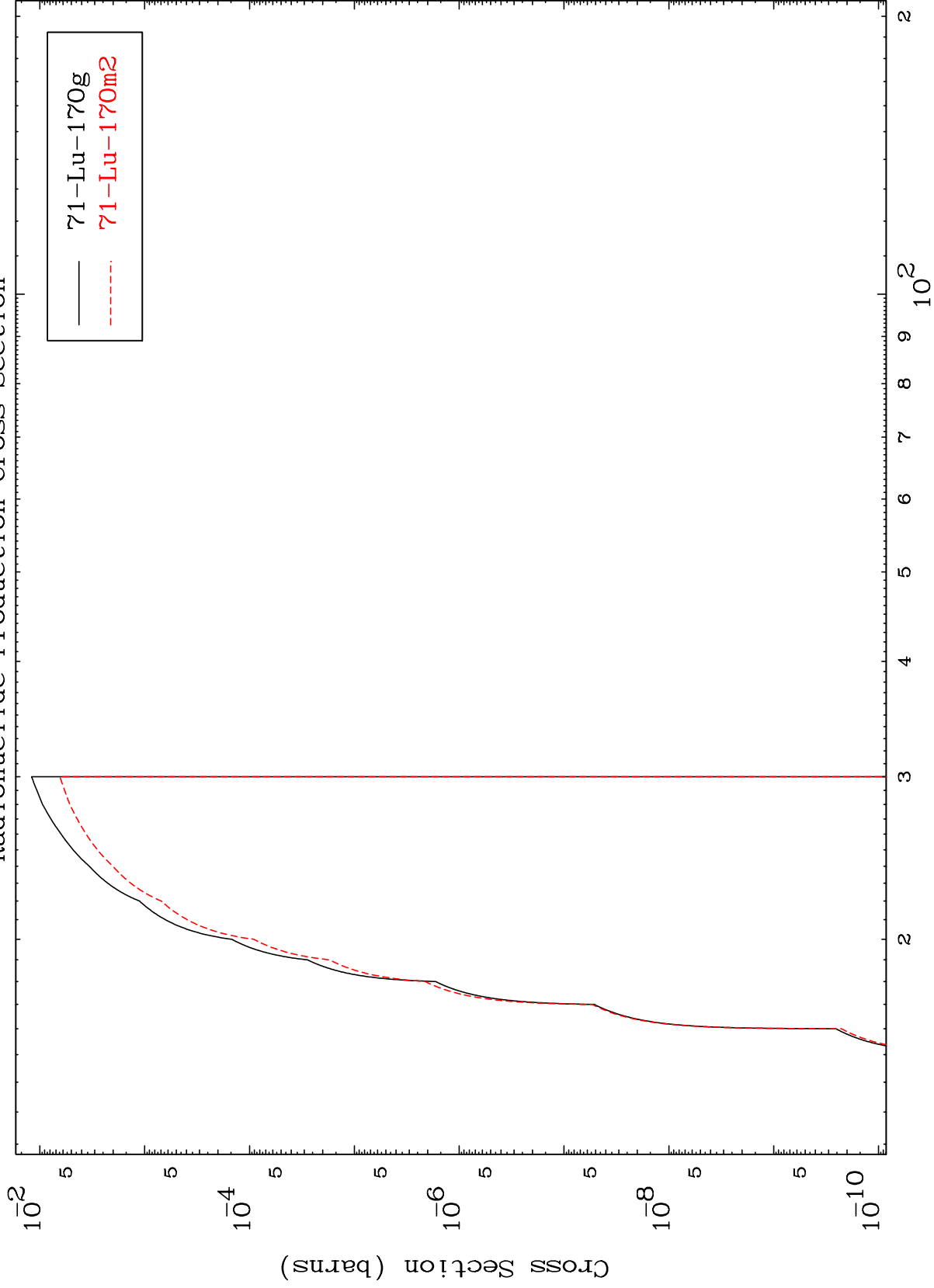
70-Yb-170

MAT 7031

(He-3,2n) p

70-Yb-170

Radionuclide Production Cross Section



18

Incident Energy (MeV)

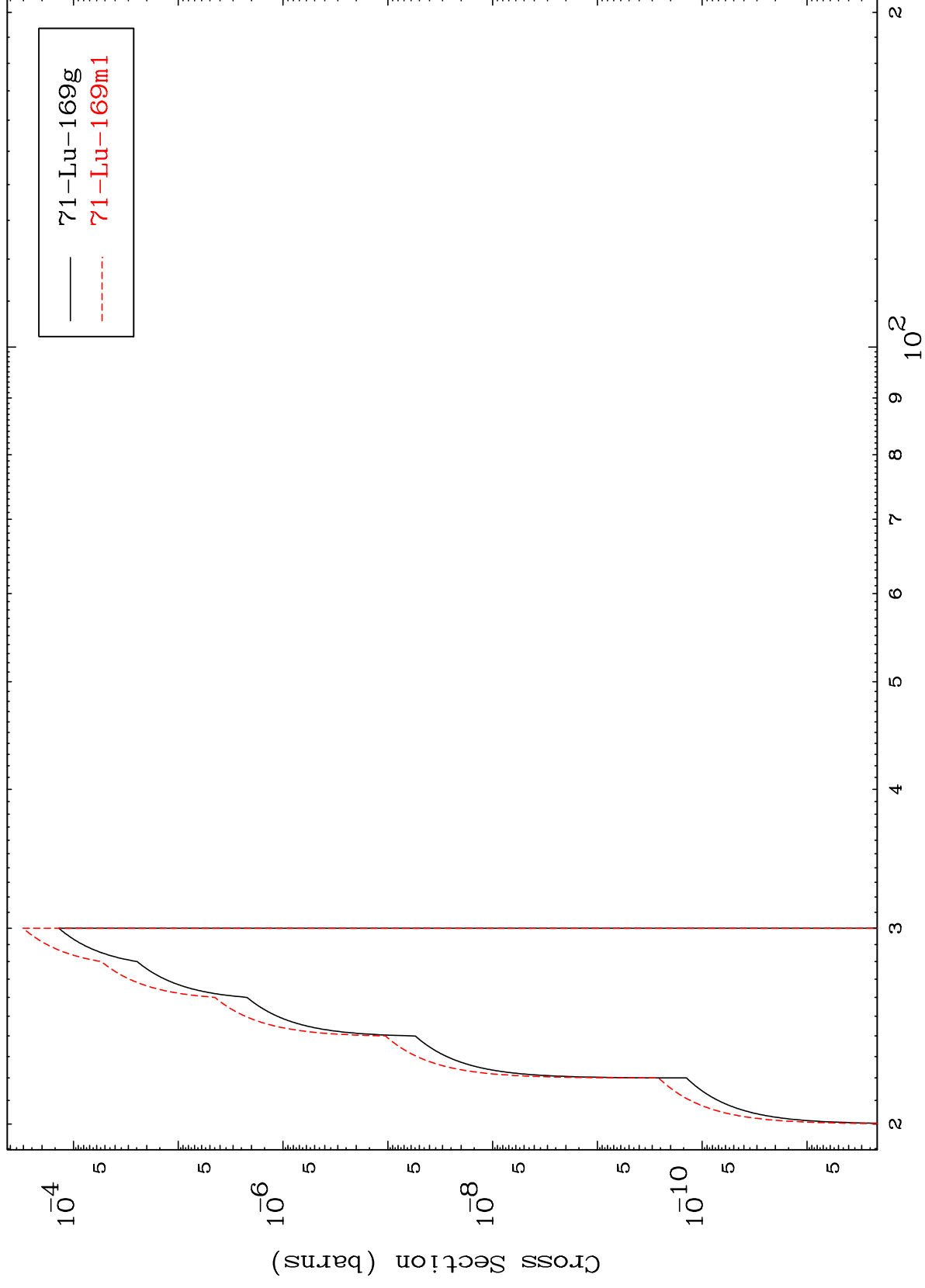
70-Yb-170

MAT 7031

(He-3,3n) p

70-Yb-170

Radionuclide Production Cross Section



19

Incident Energy (MeV)

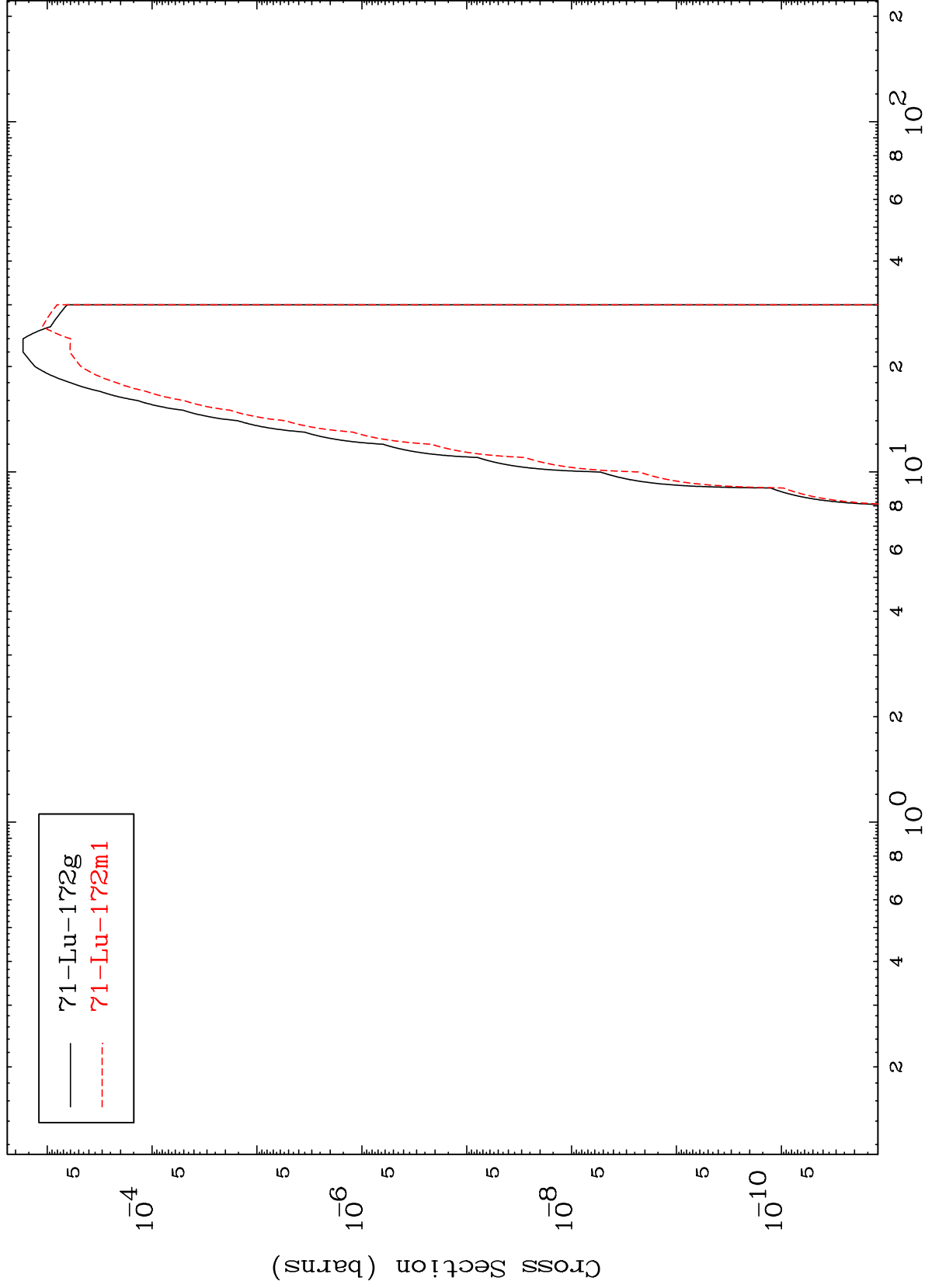
70-Yb-170

MAT 7031

(He-3, p)

70-Yb-170

Radionuclide Production Cross Section



20

Incident Energy (MeV)

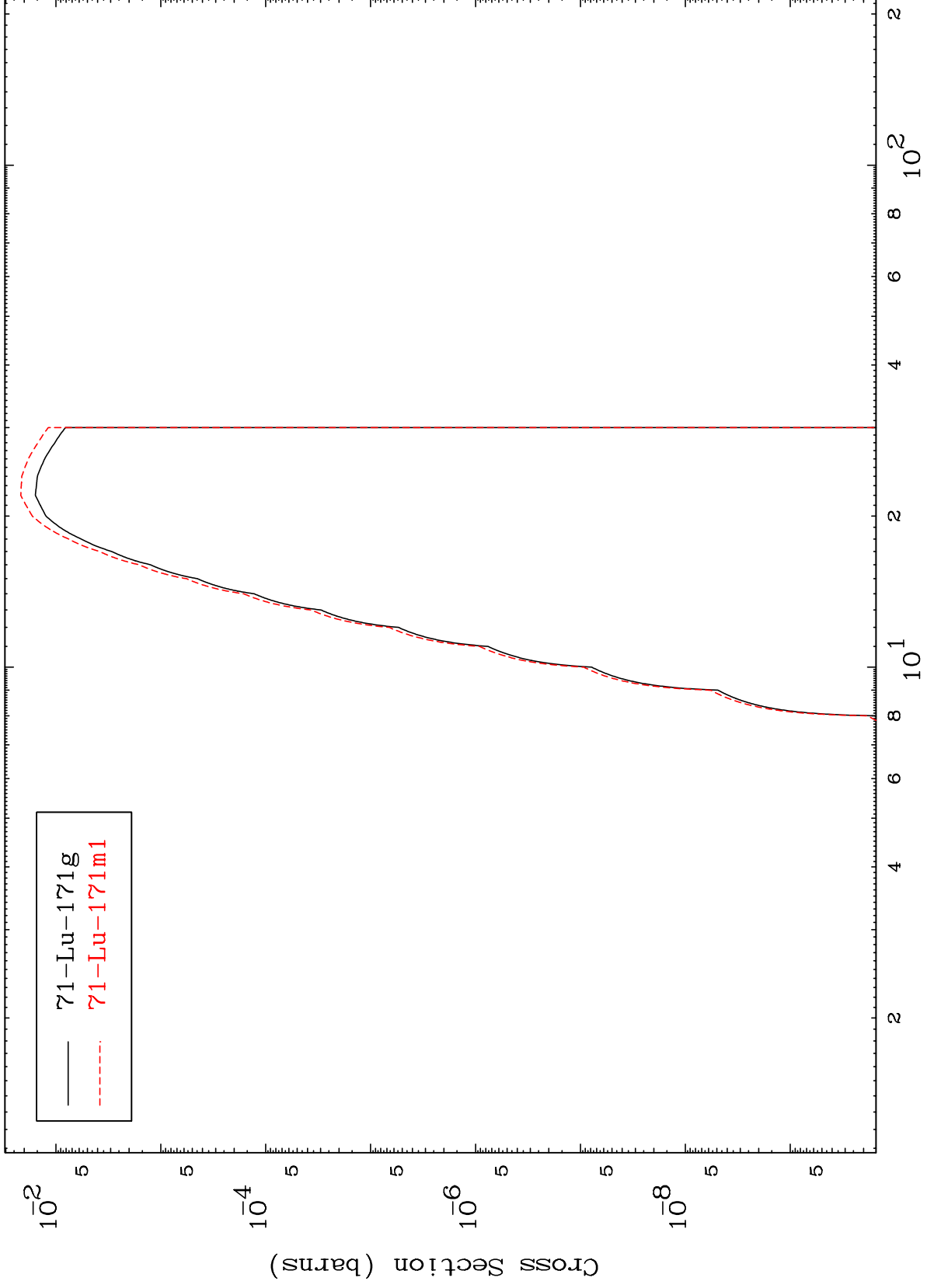
70-Yb-170

MAT 7031

(He-3, d)

70-Yb-170

Radionuclide Production Cross Section

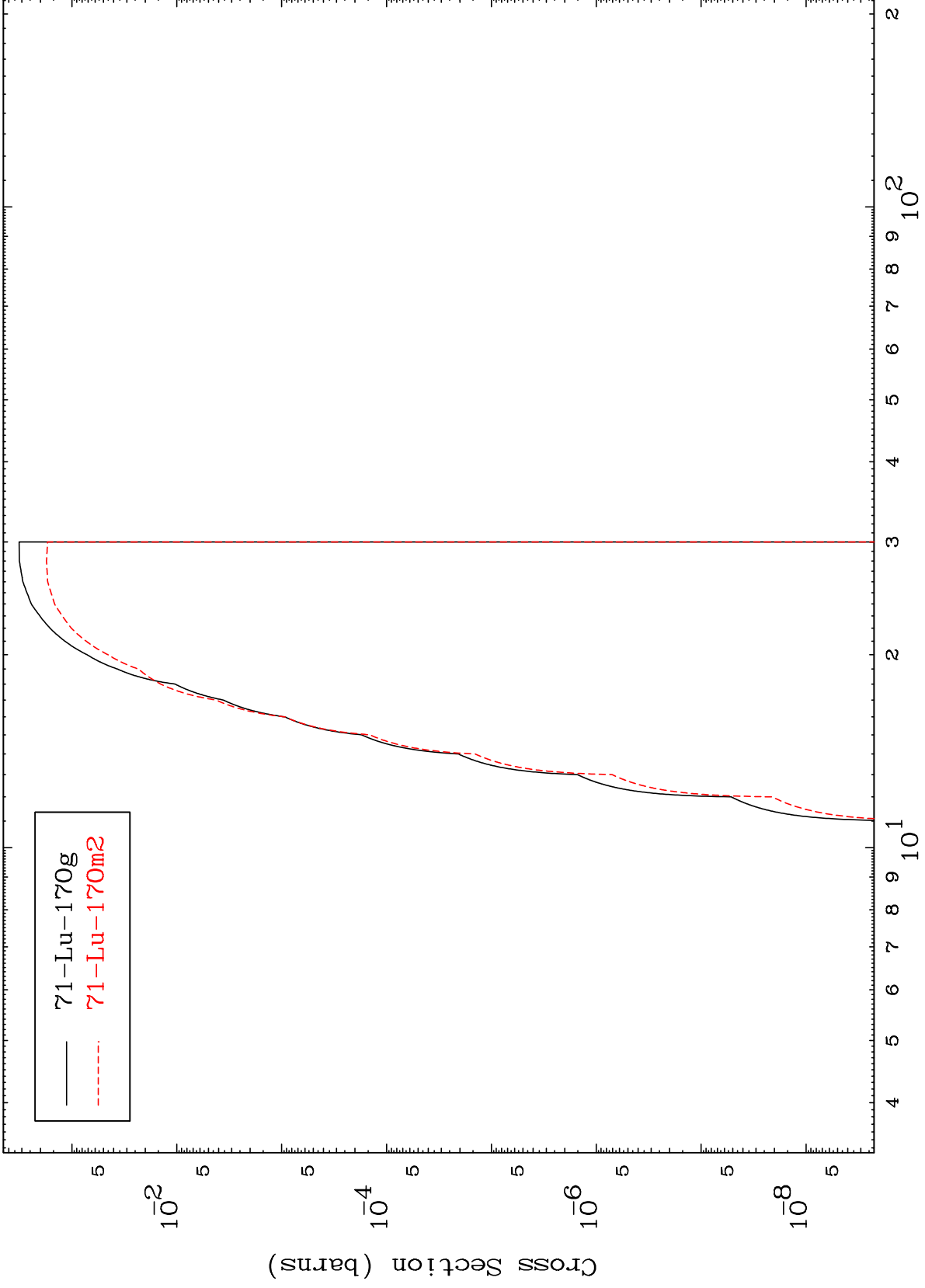


MAT 7031

(He-3, t)

70-Yb-170

Radionuclide Production Cross Section



22

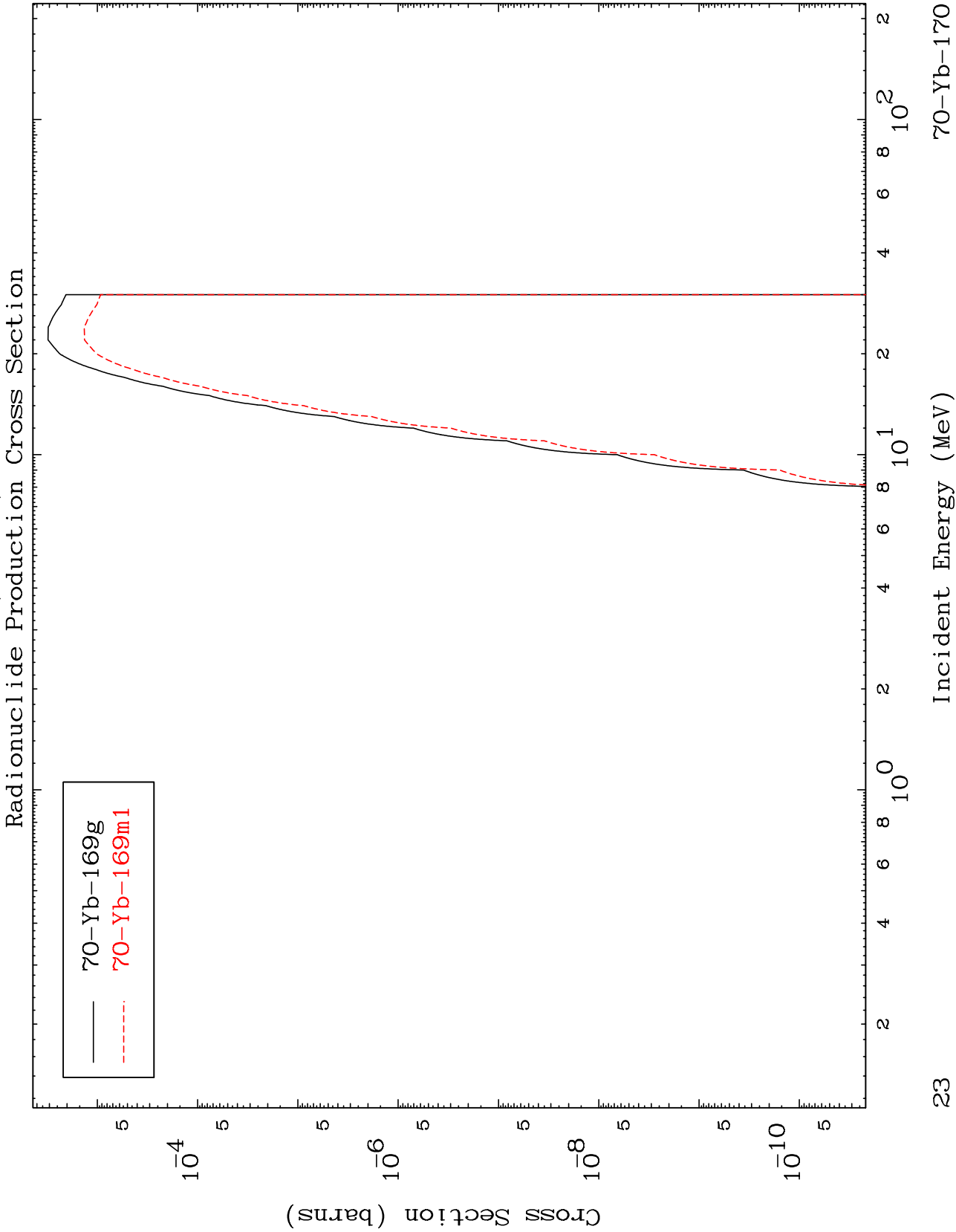
Incident Energy (MeV)

70-Yb-170

MAT 7031

(He-3,  $\alpha$ )

70-Yb-170



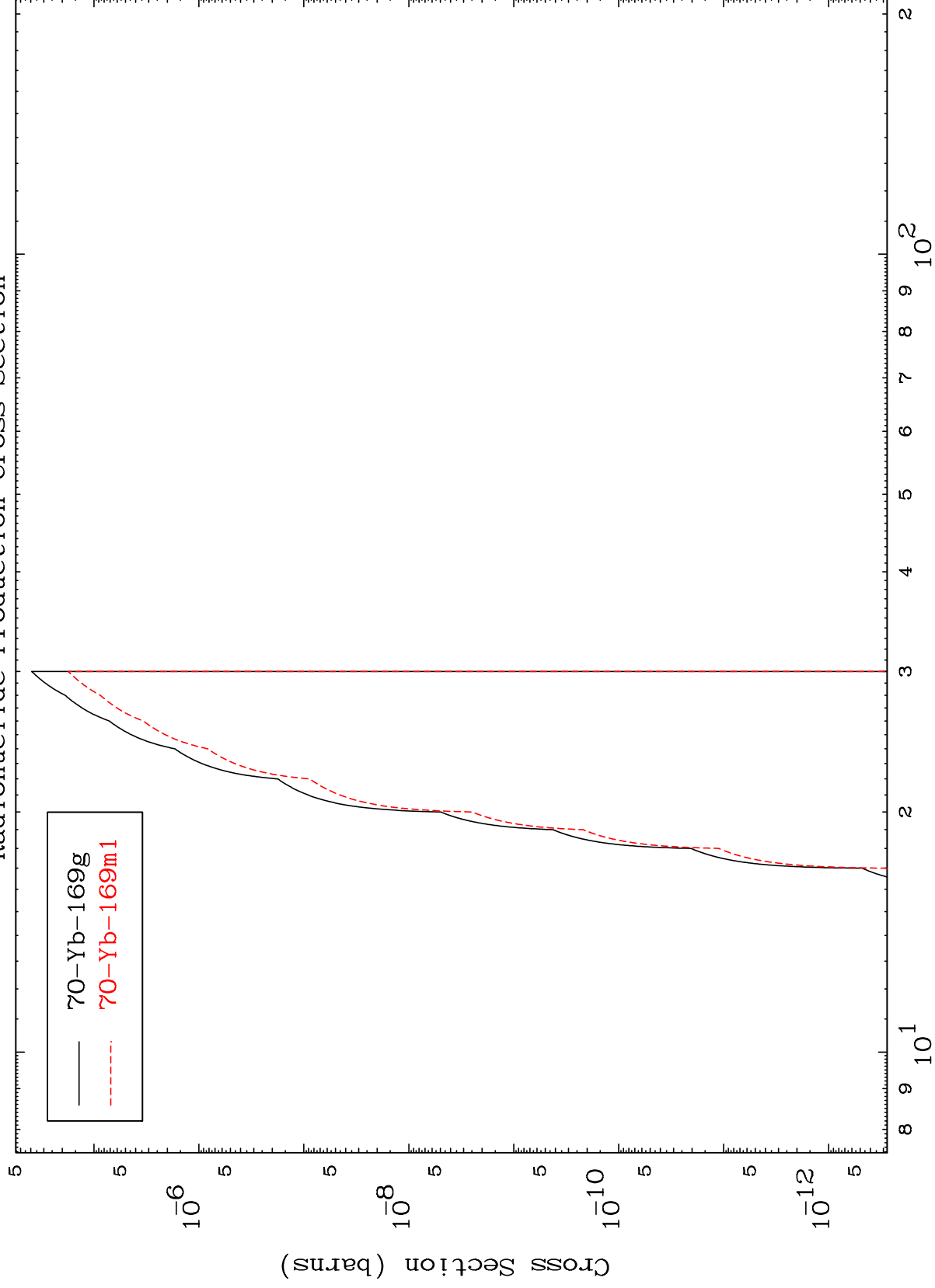


MAT 7031

70-Yb-170

(He-3,p) t

Radionuclide Production Cross Section



24

Incident Energy (MeV)

70-Yb-170