

Program EVALPLOT  
(Version 2021-1)

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

Web:redcullen1.net/HOMEPAGE.NEW

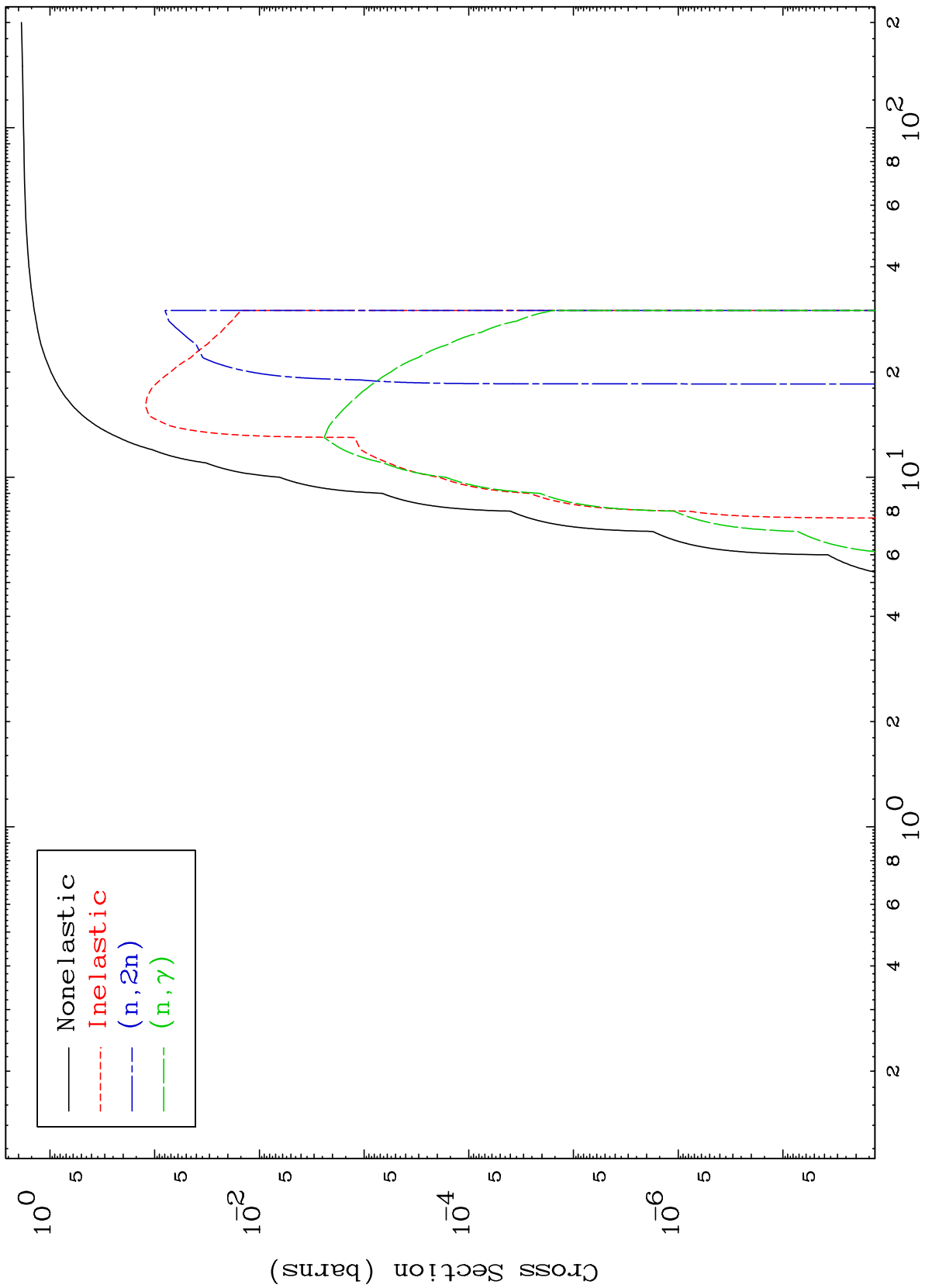
Press Mouse Button to Start

MAT 3914

$\alpha$  Major

39-Y -85m

0 Kelvin Cross Sections



Incident Energy (MeV)

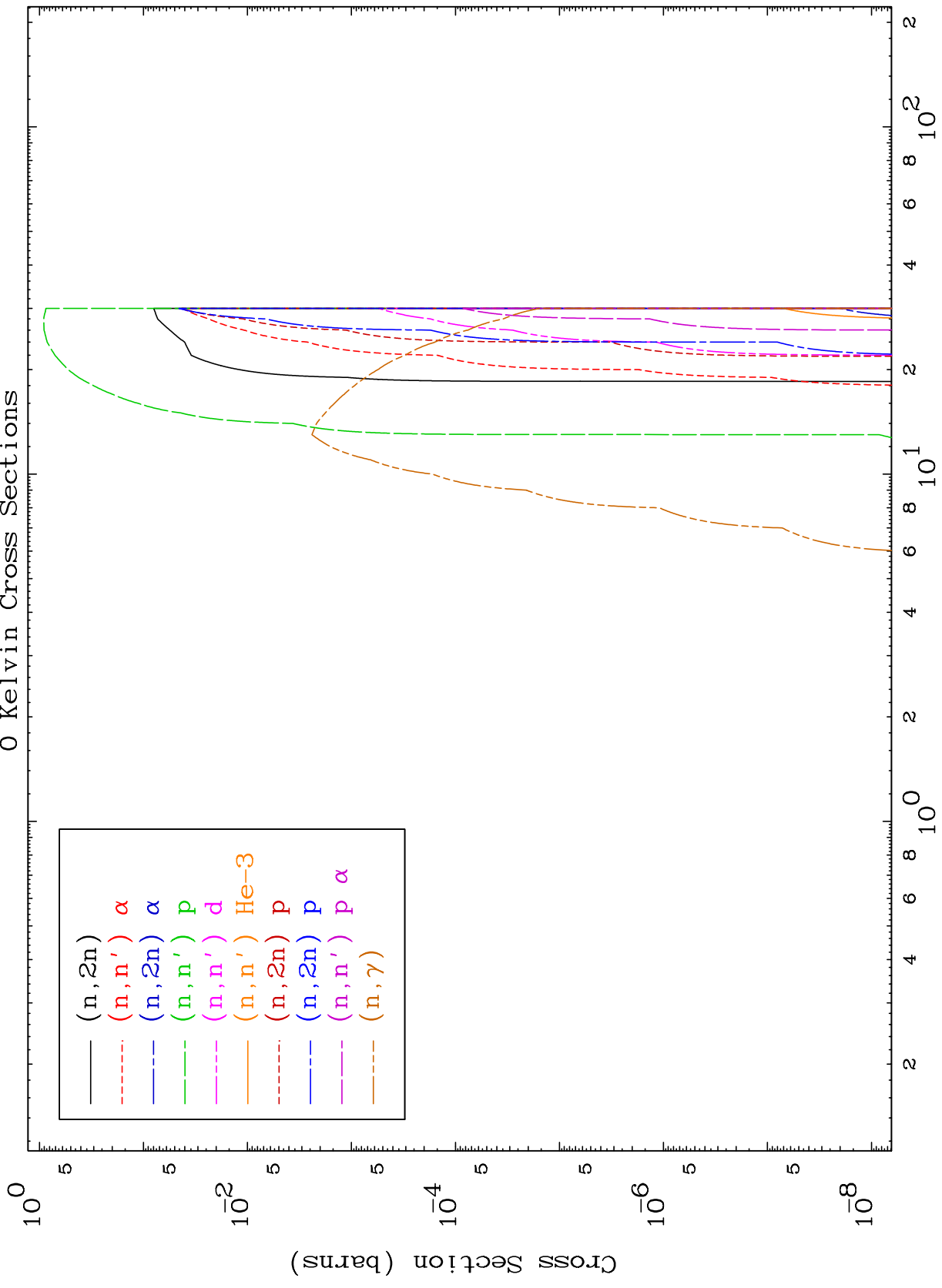
39-Y -85m

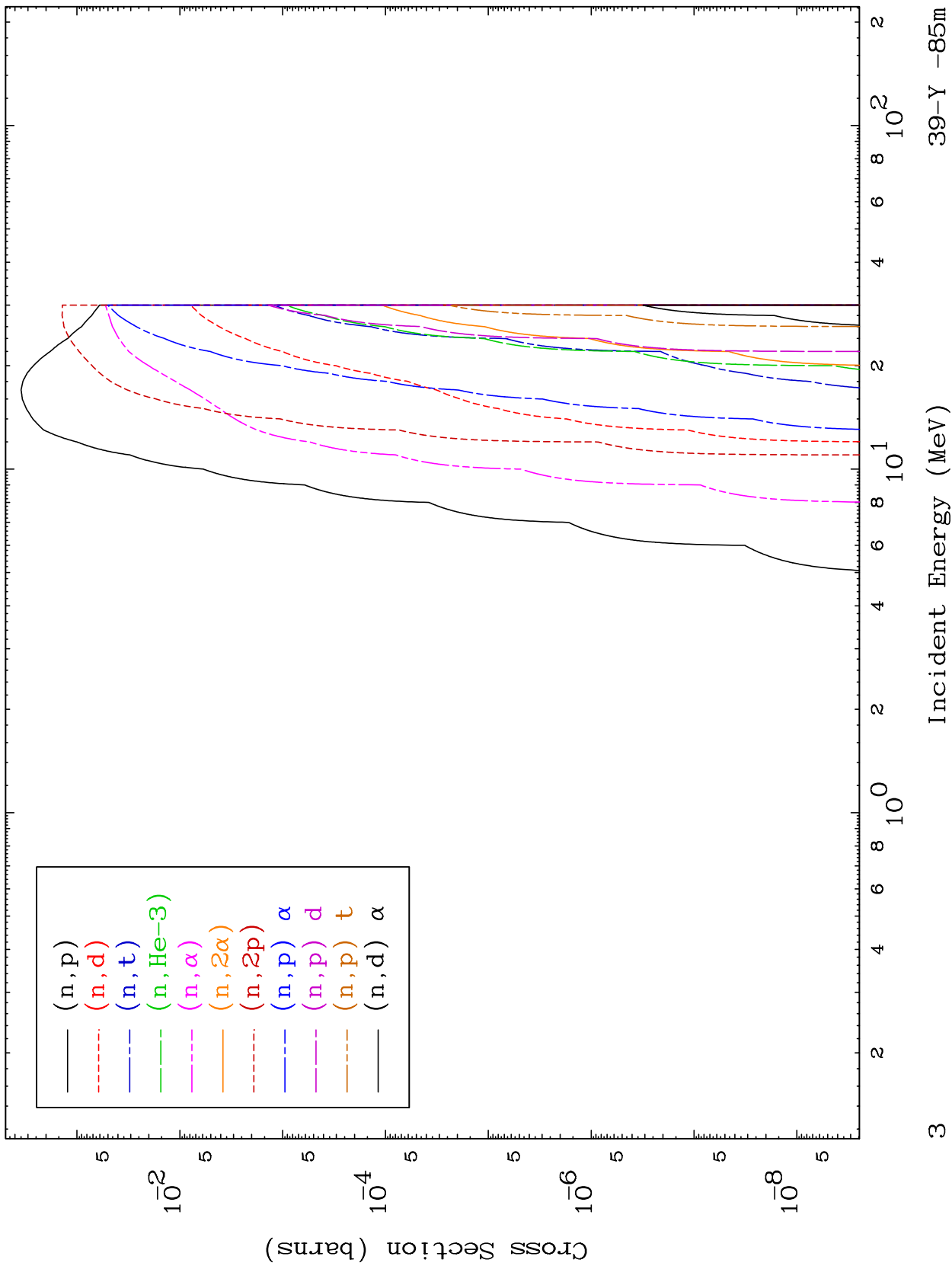
1

MAT 3914

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

39-Y -85m

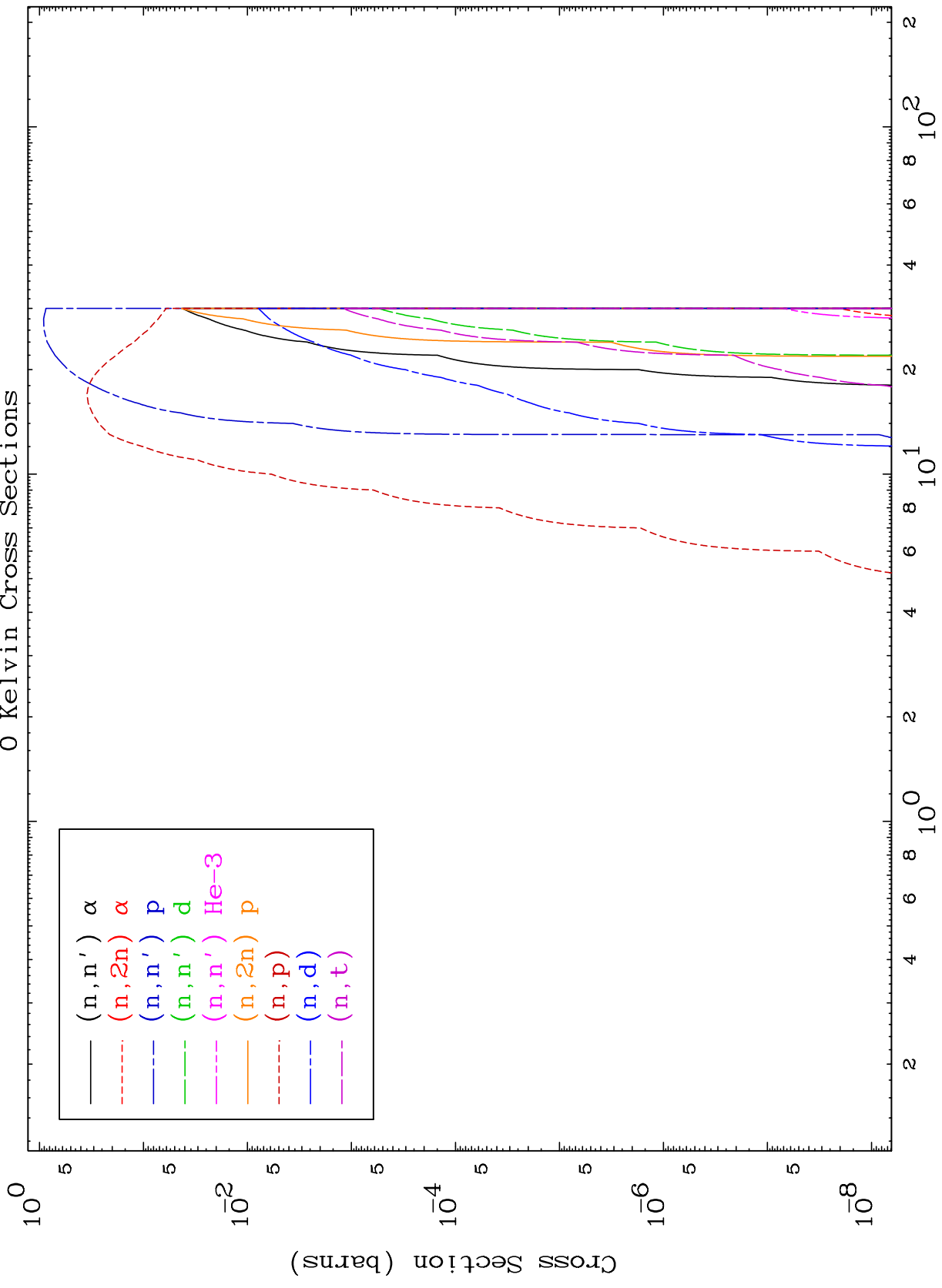


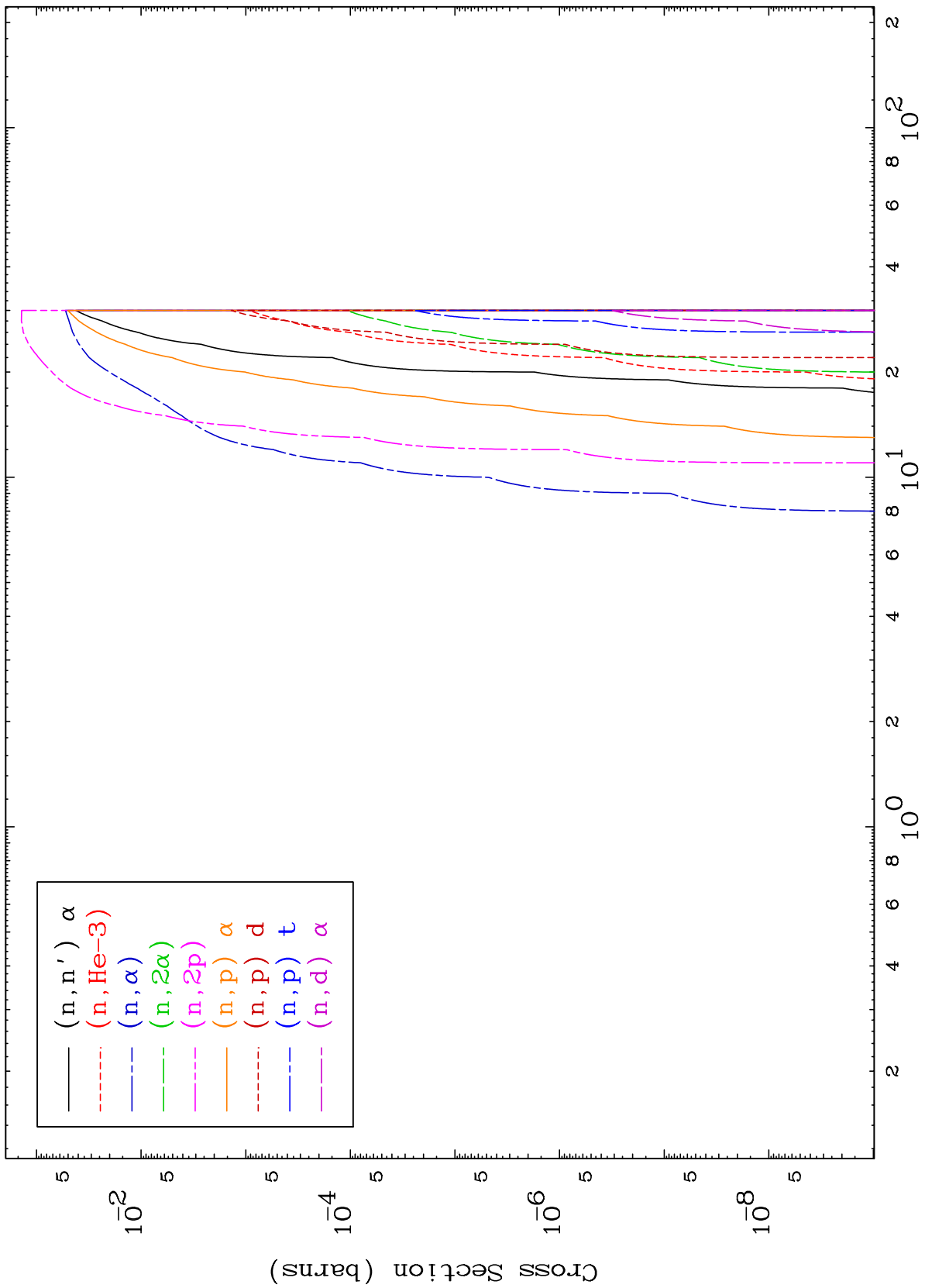


MAT 3914

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

39-Y -85m



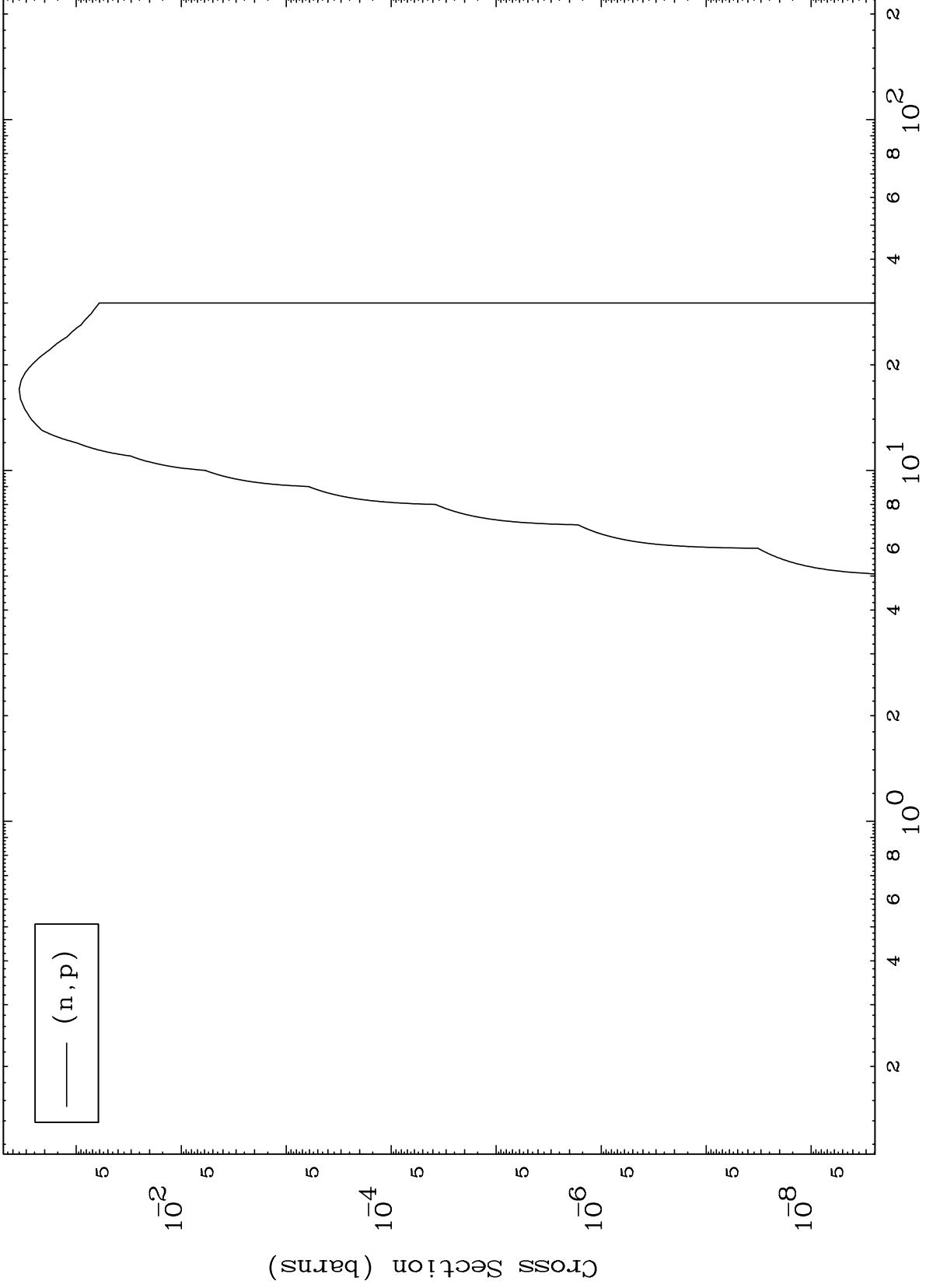


MAT 3914

( $\alpha, p$ ) Levels

39-Y -85m

0 Kelvin Cross Sections



6

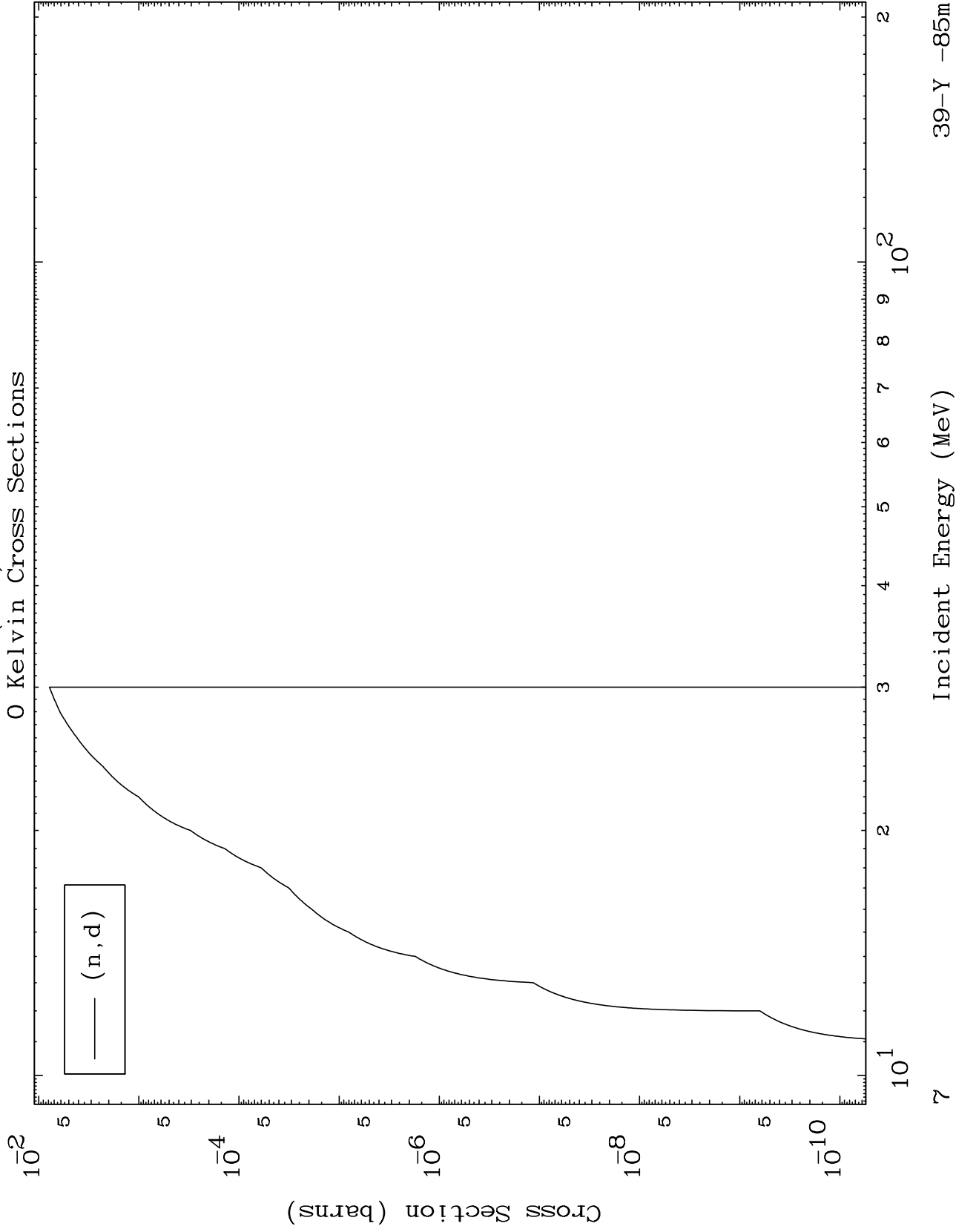
Incident Energy (MeV)

39-Y -85m

MAT 3914

( $\alpha, d$ ) Levels

39-Y -85m

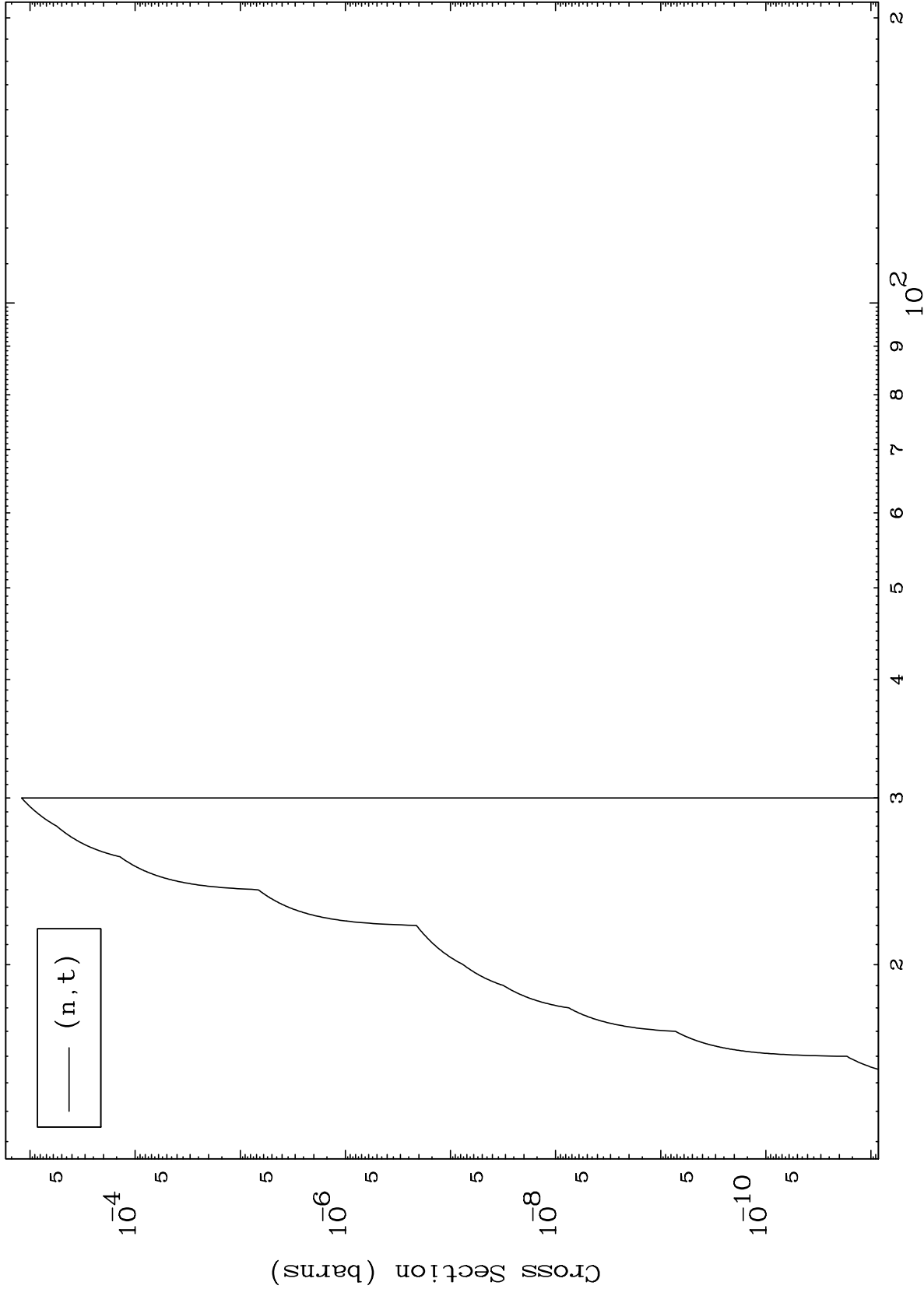


MAT 3914

( $\alpha, t$ ) Levels

39-Y -85m

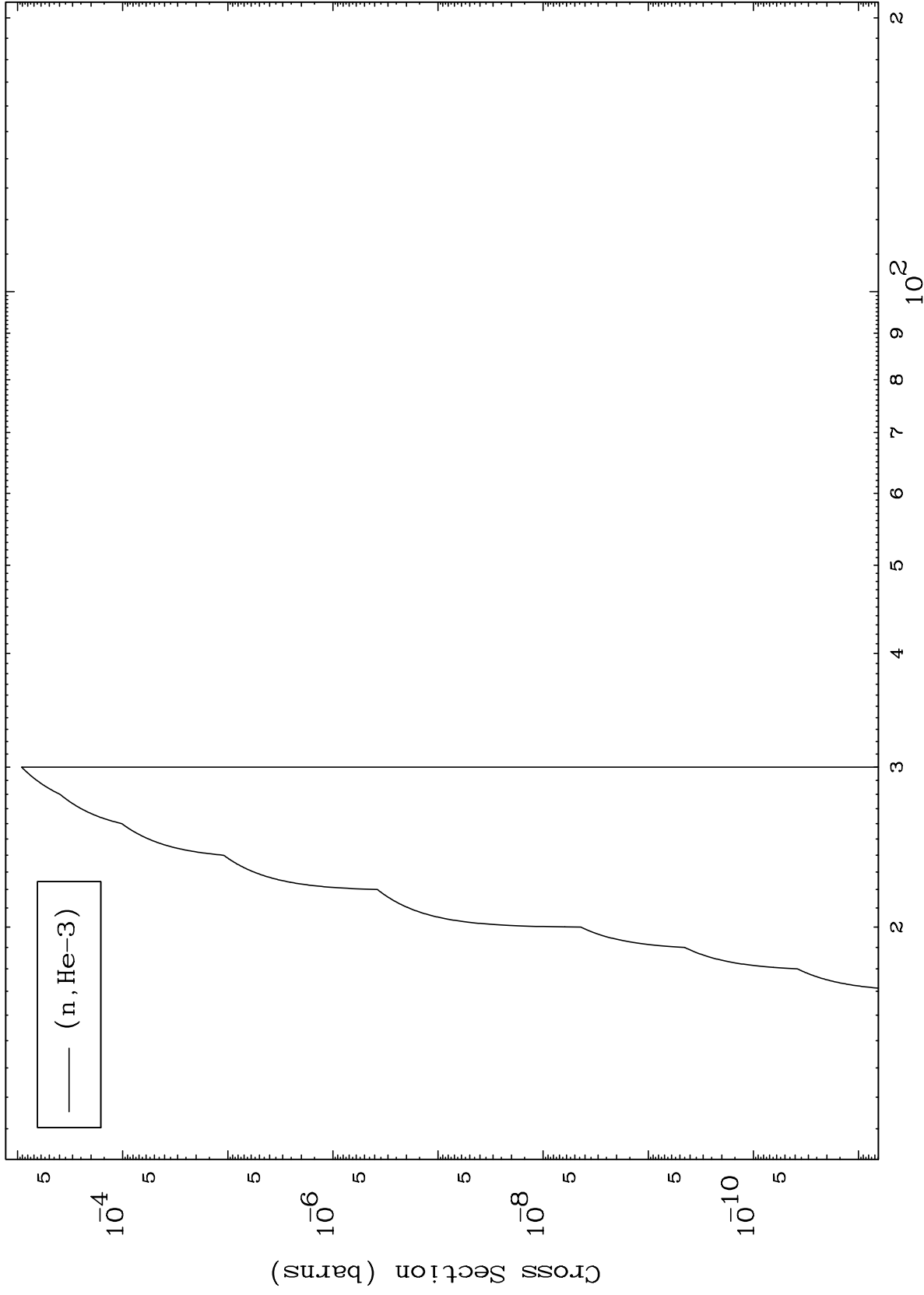
0 Kelvin Cross Sections



8

Incident Energy (MeV)

39-Y -85m

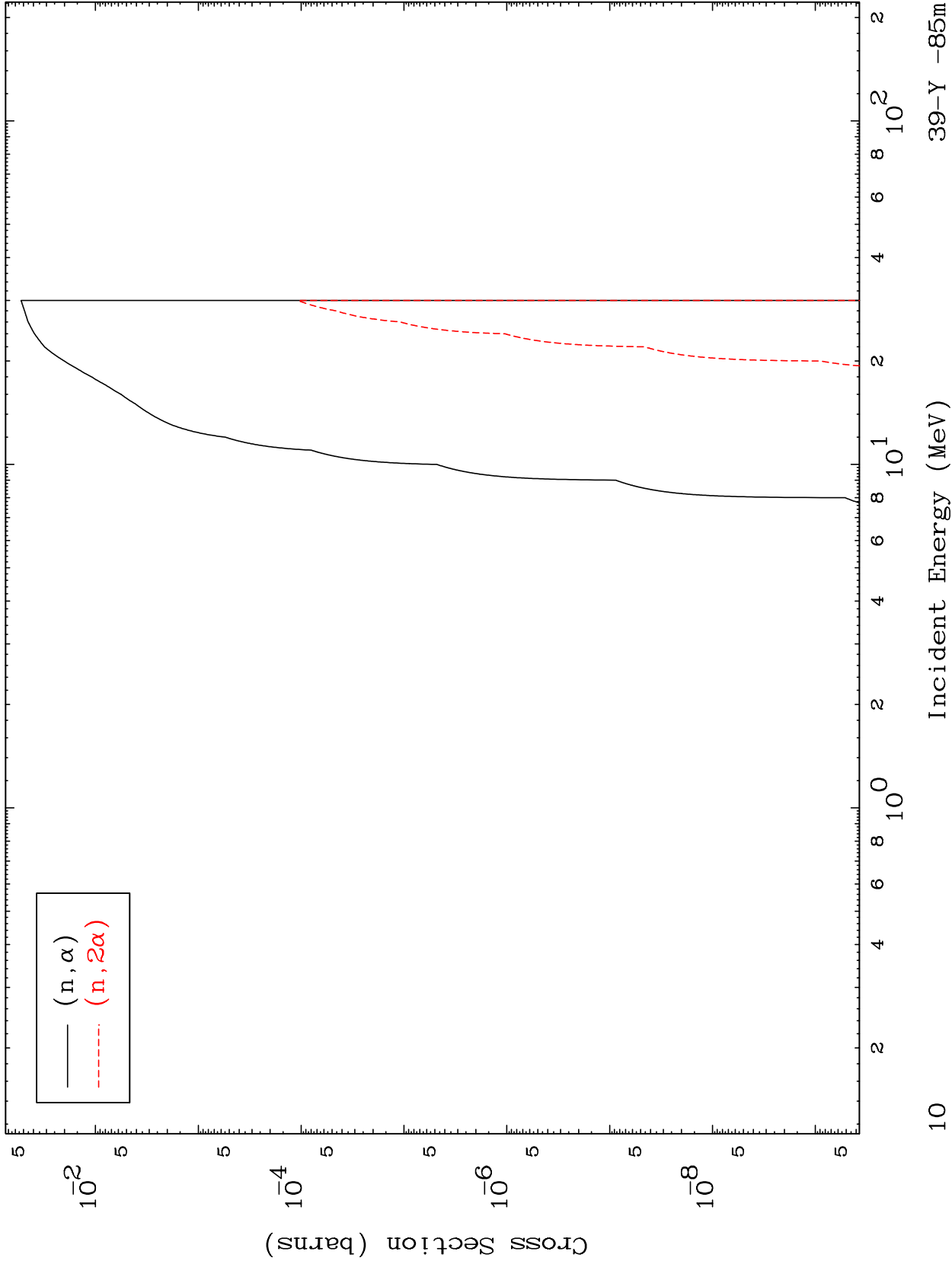


MAT 3914

( $\alpha, \alpha$ ) Levels

39-Y -85m

0 Kelvin Cross Sections



10

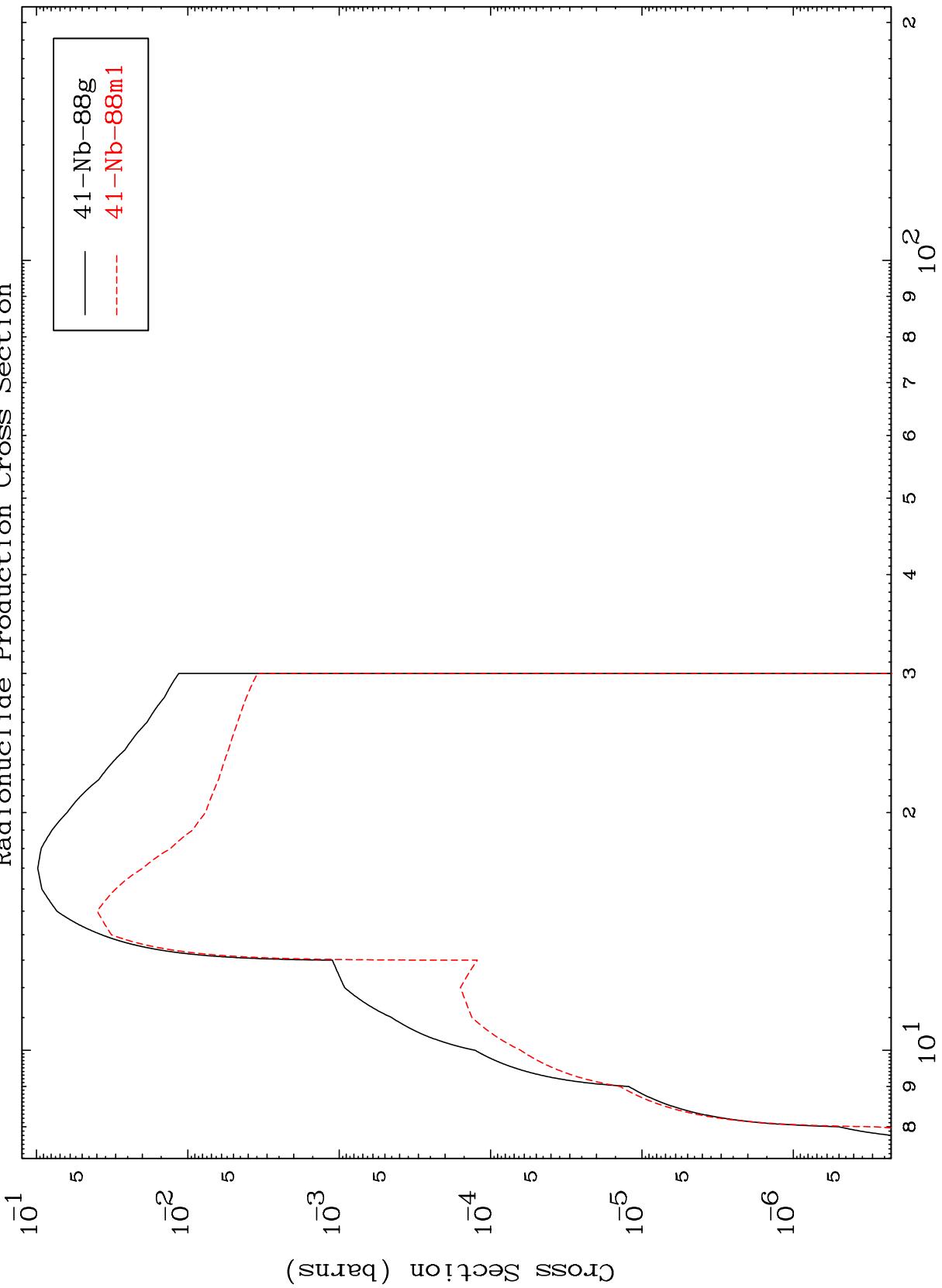
Incident Energy (MeV)

39-Y -85m

MAT 3914

39-Y -85m

Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

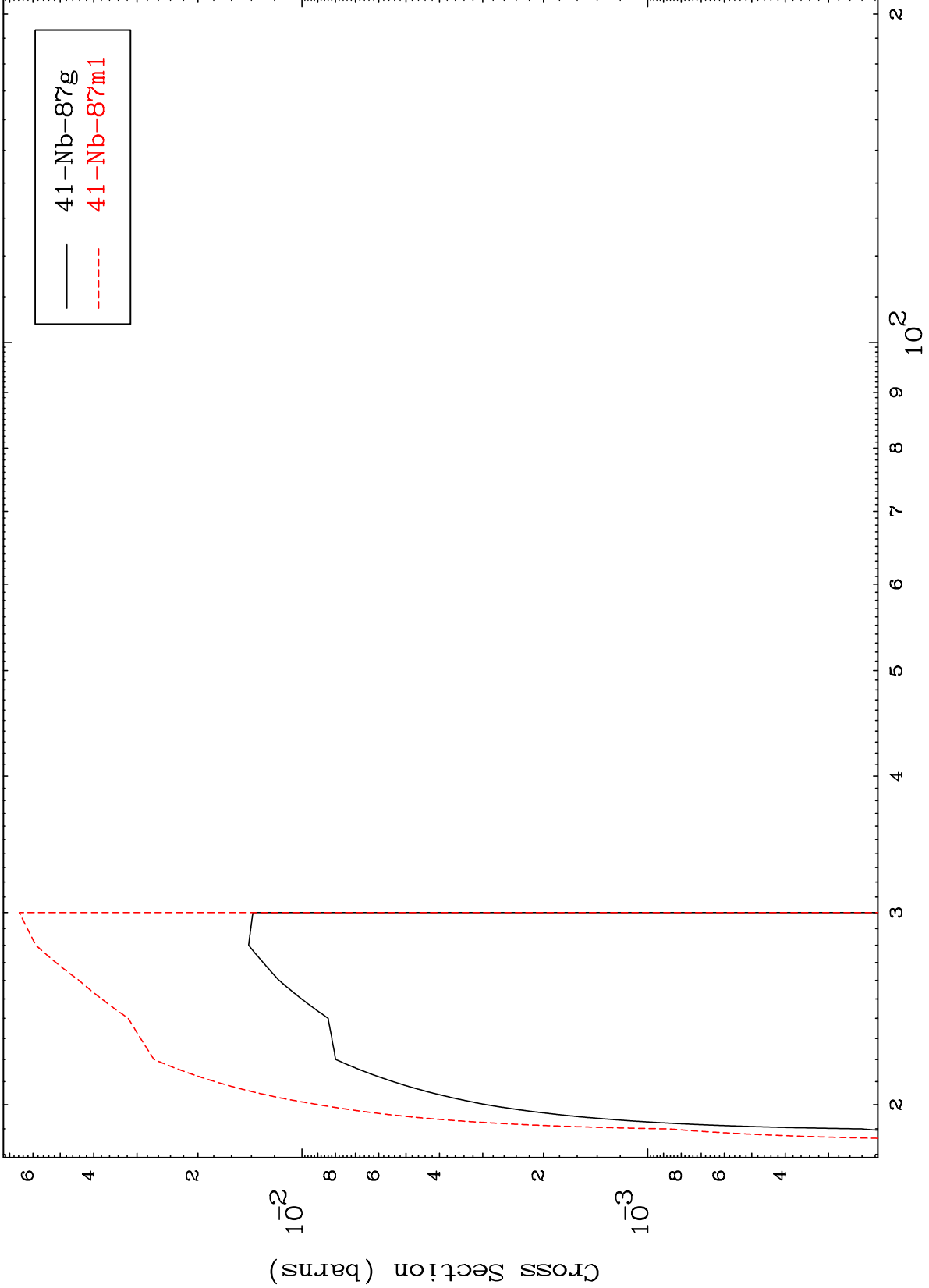
39-Y -85m

MAT 3914

(n,2n)

39-Y -85m

Radionuclide Production Cross Section



41-Nb-87g  
41-Nb-87m1

12

Incident Energy (MeV)

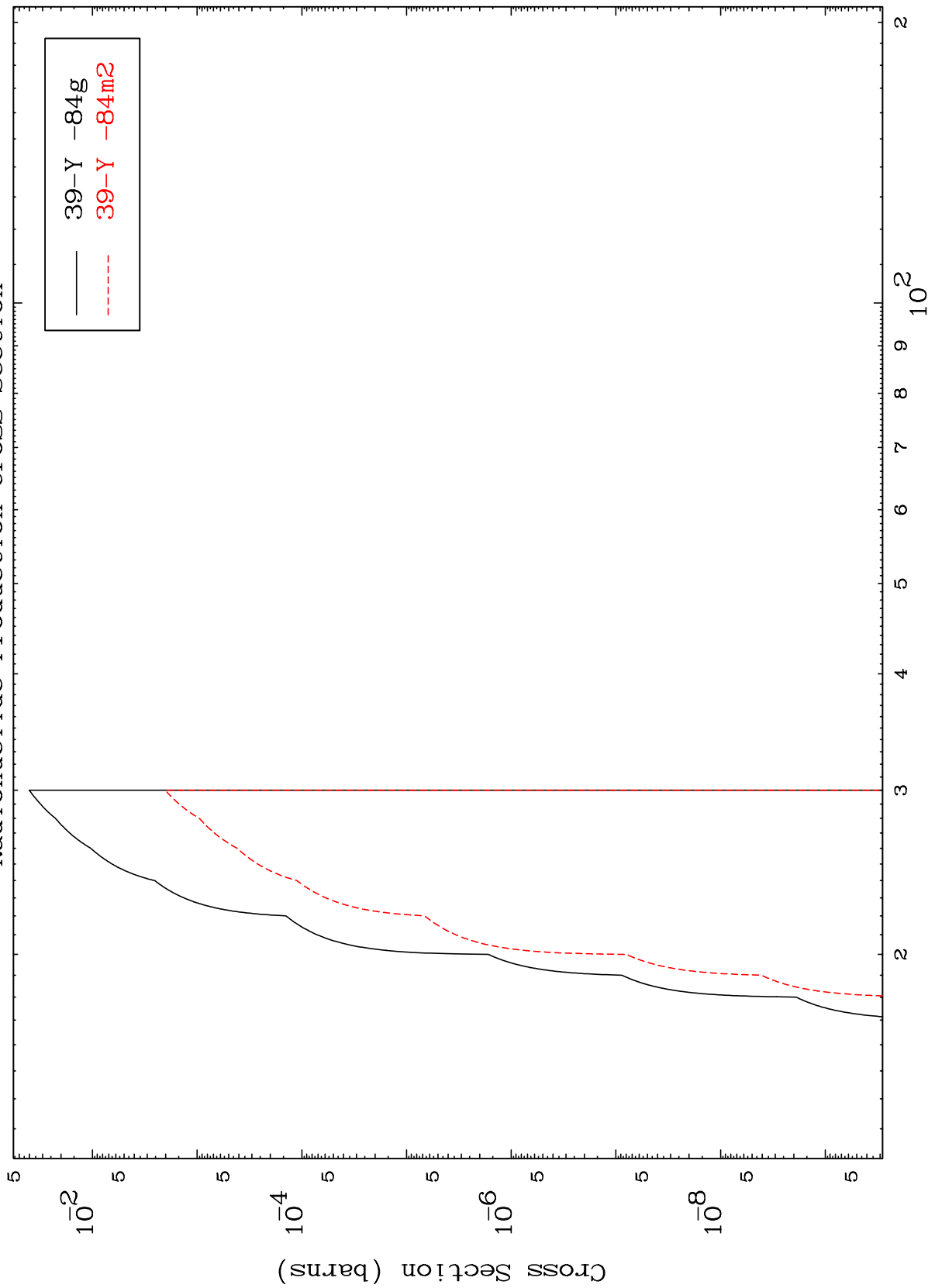
39-Y -85m

MAT 3914

$(n, n') \alpha$

39-Y -85m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

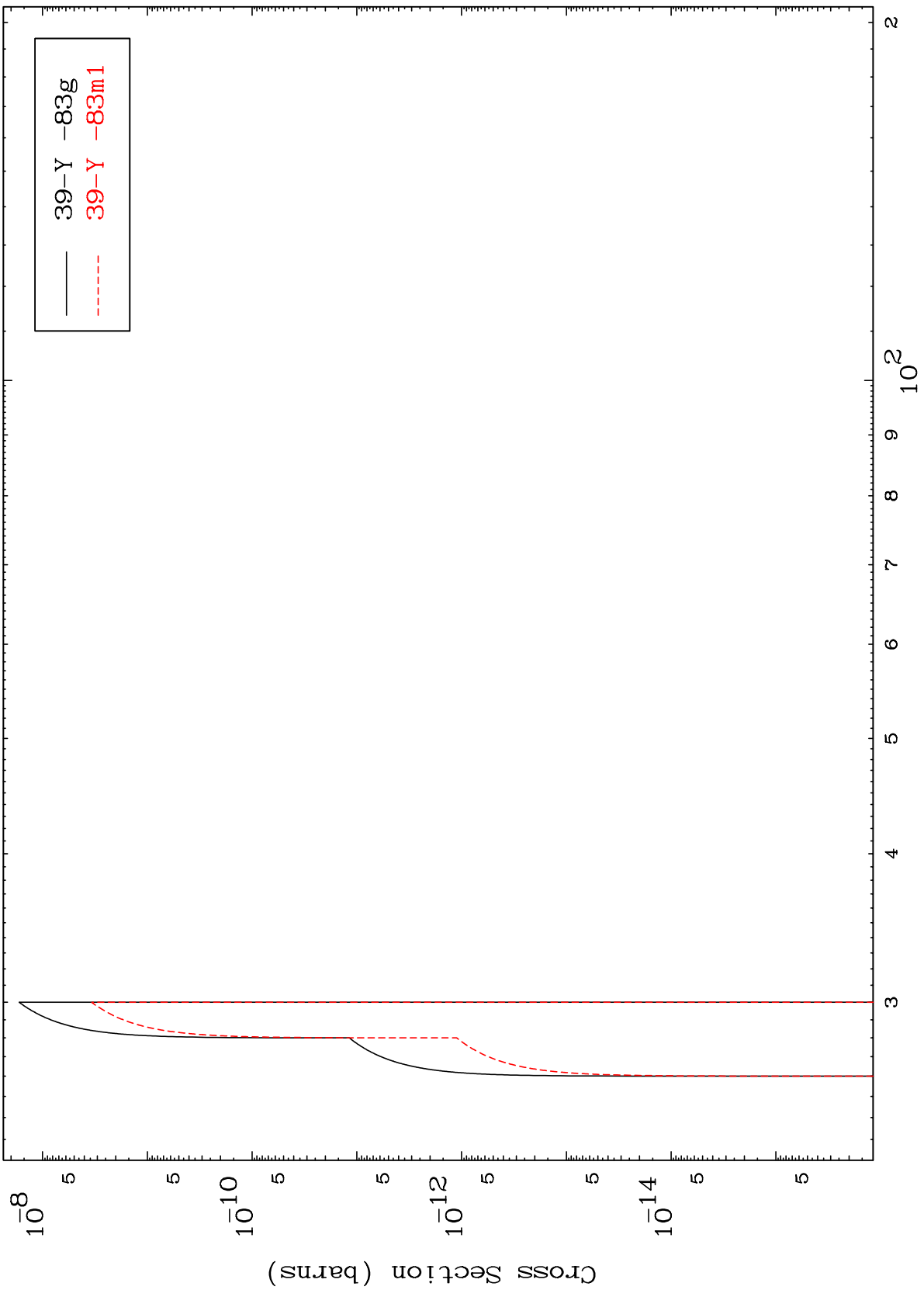
39-Y -85m

MAT 3914

(n,2n)  $\alpha$

39-Y -85m

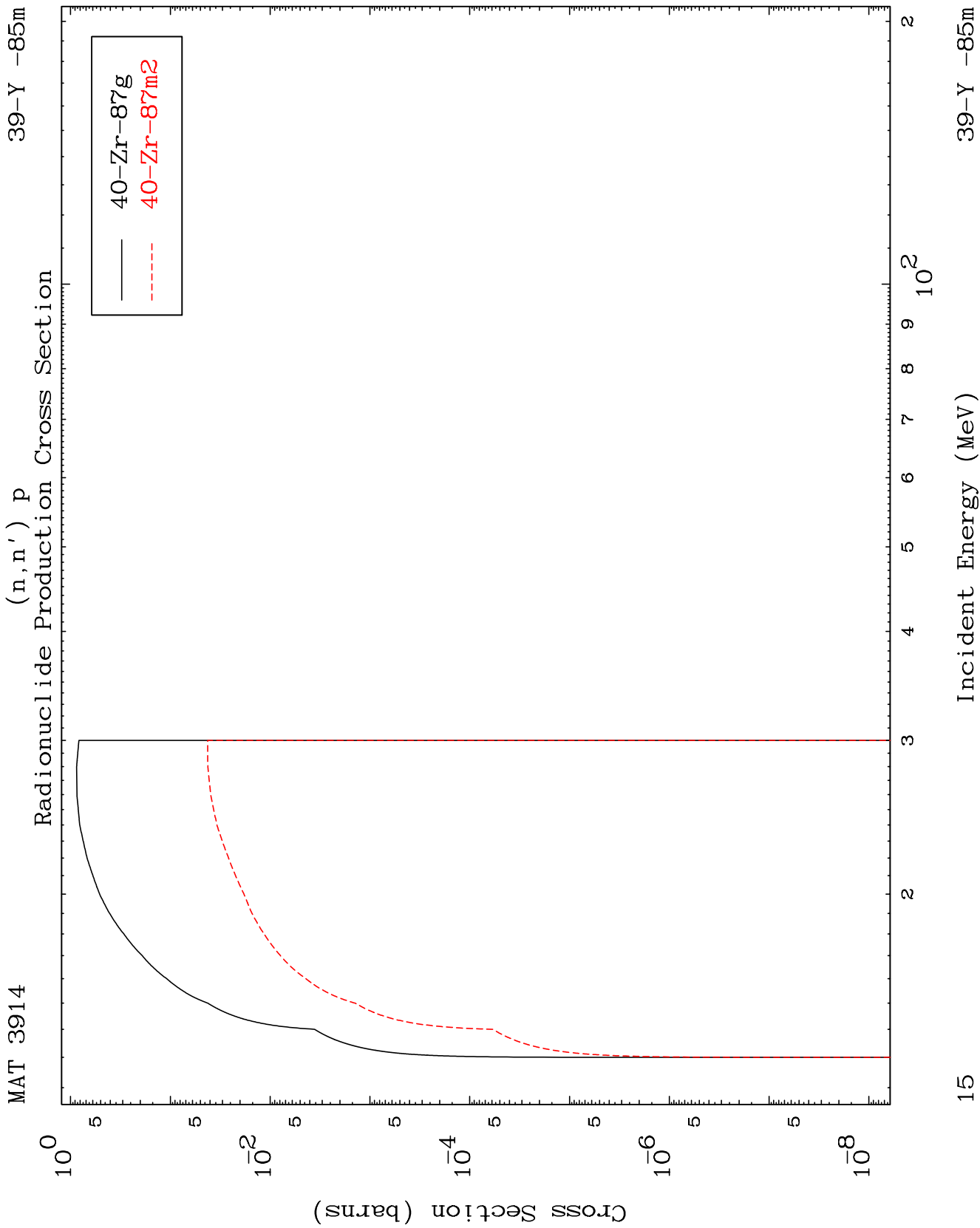
Radionuclide Production Cross Section



14

Incident Energy (MeV)

39-Y -85m

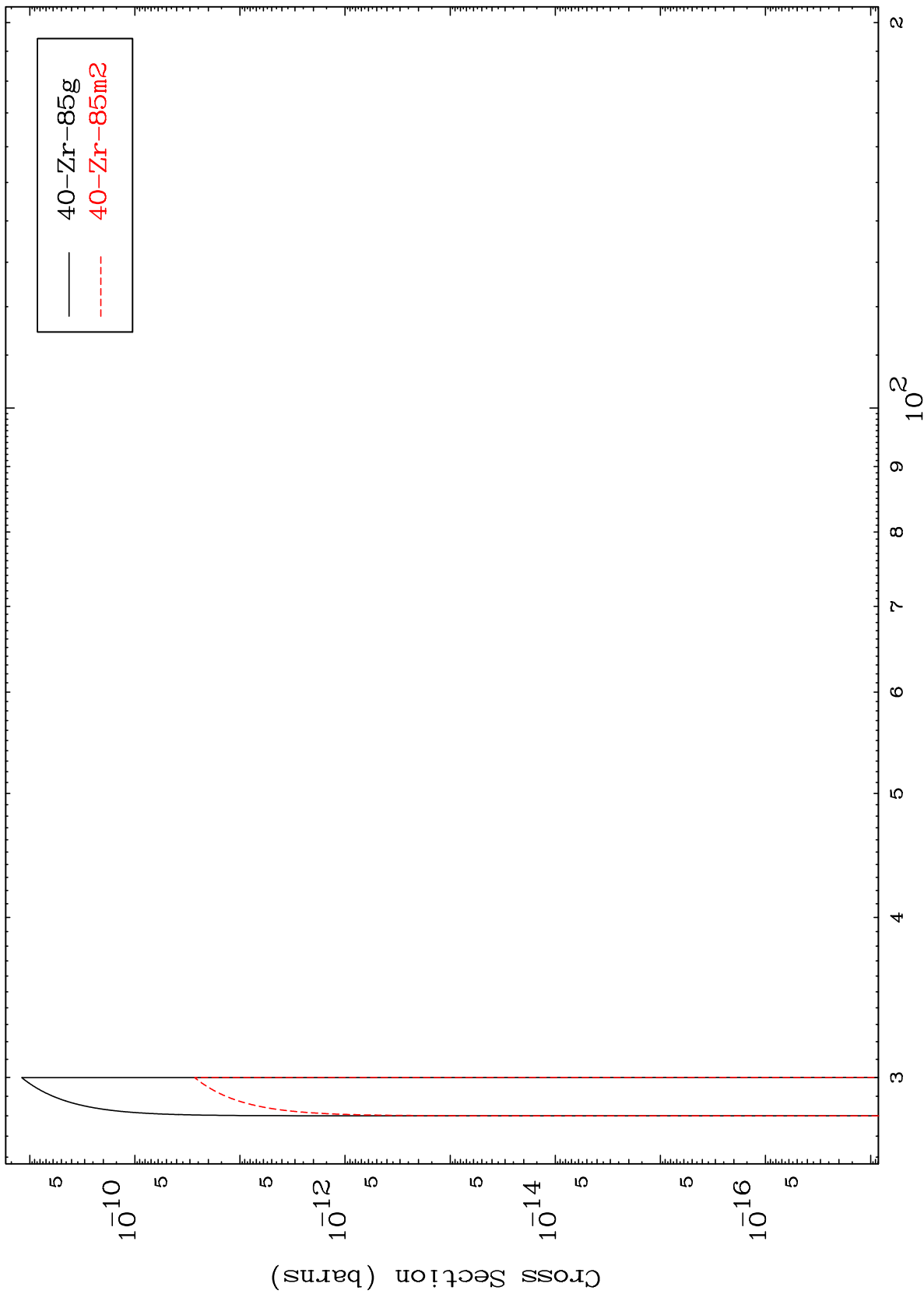


MAT 3914

(n,n') t

39-Y -85m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

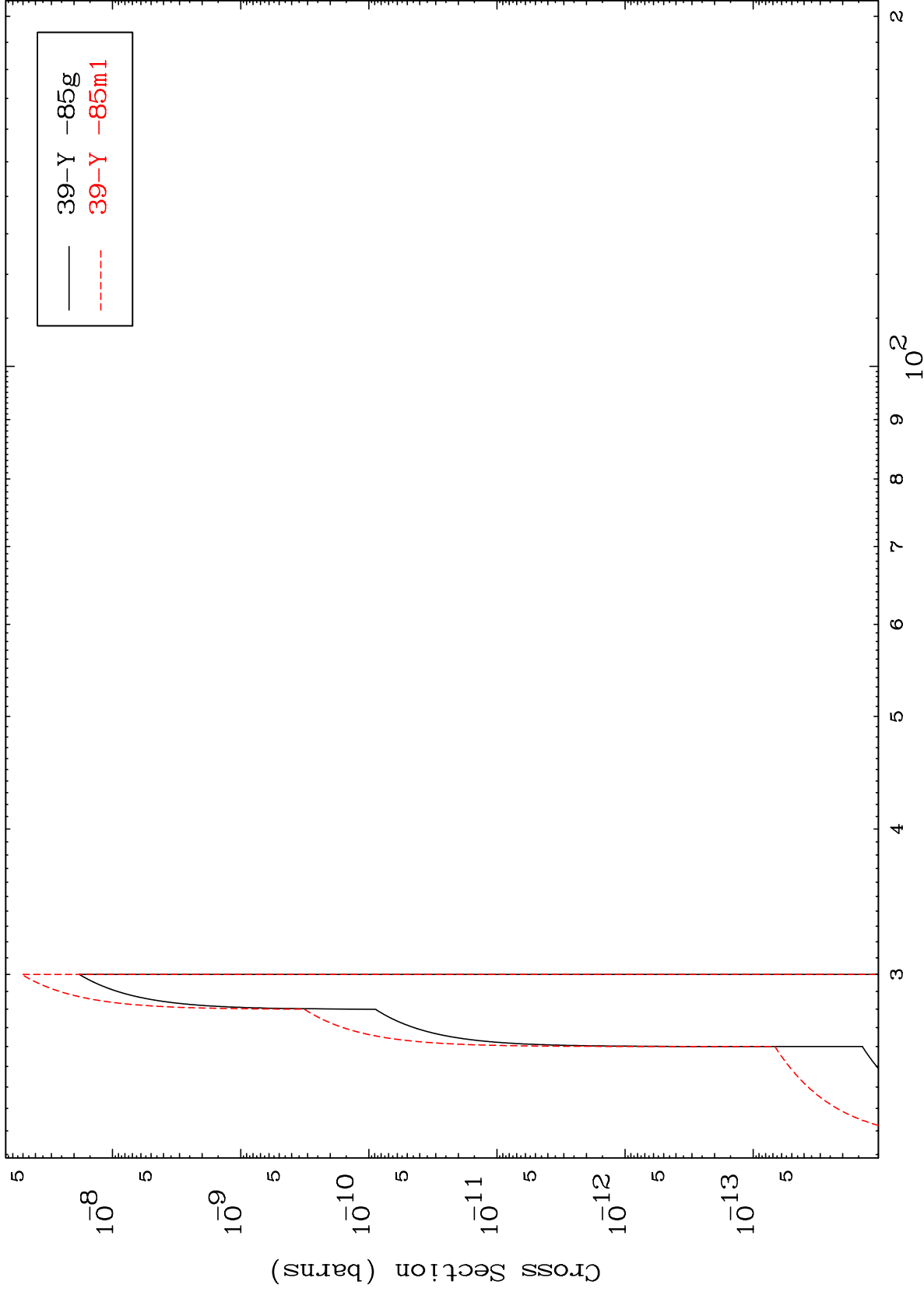
39-Y -85m

MAT 3914

(n,n') He-3

39-Y -85m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

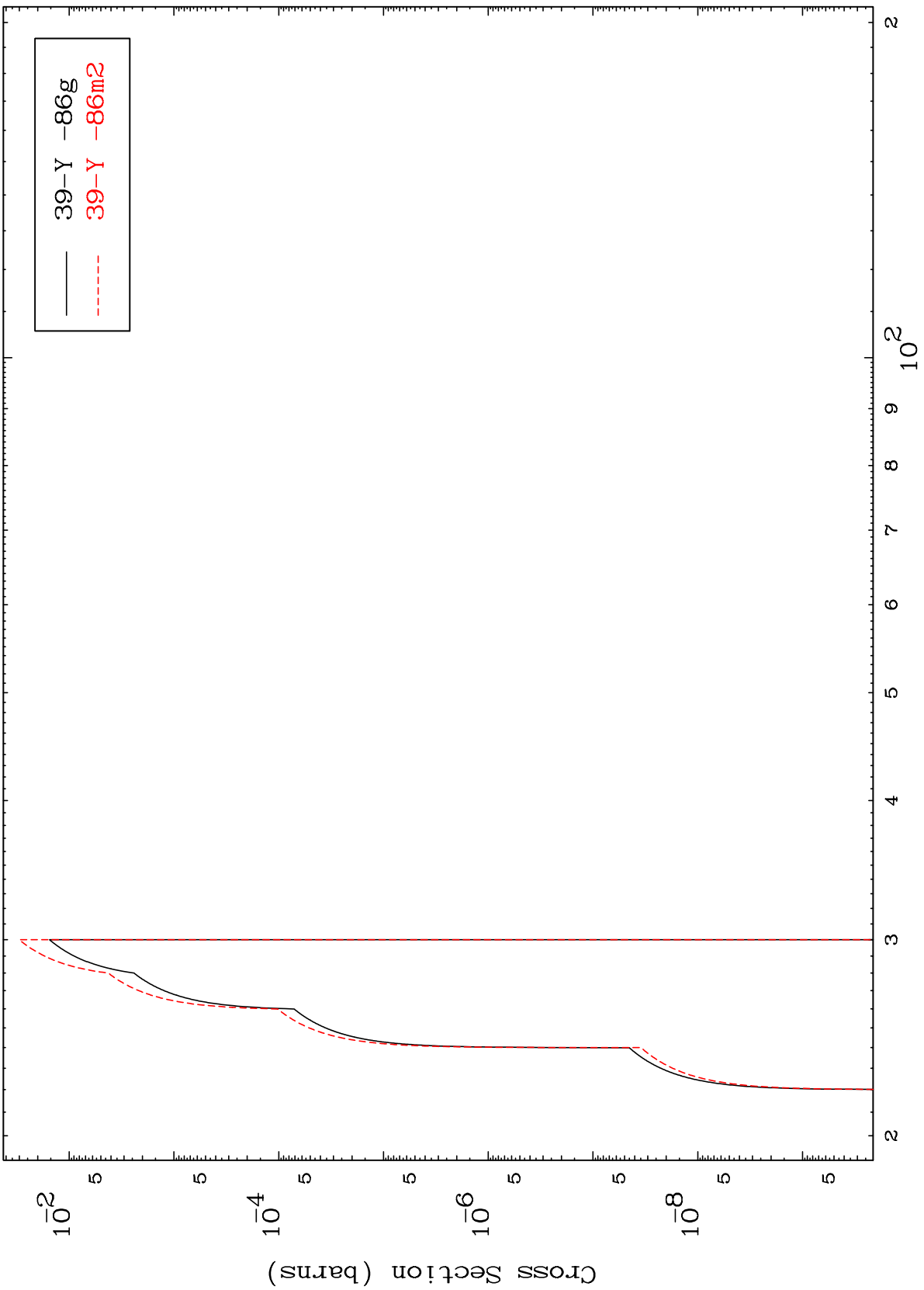
39-Y -85m

MAT 3914

(n,2n) p

39-Y -85m

Radionuclide Production Cross Section



18

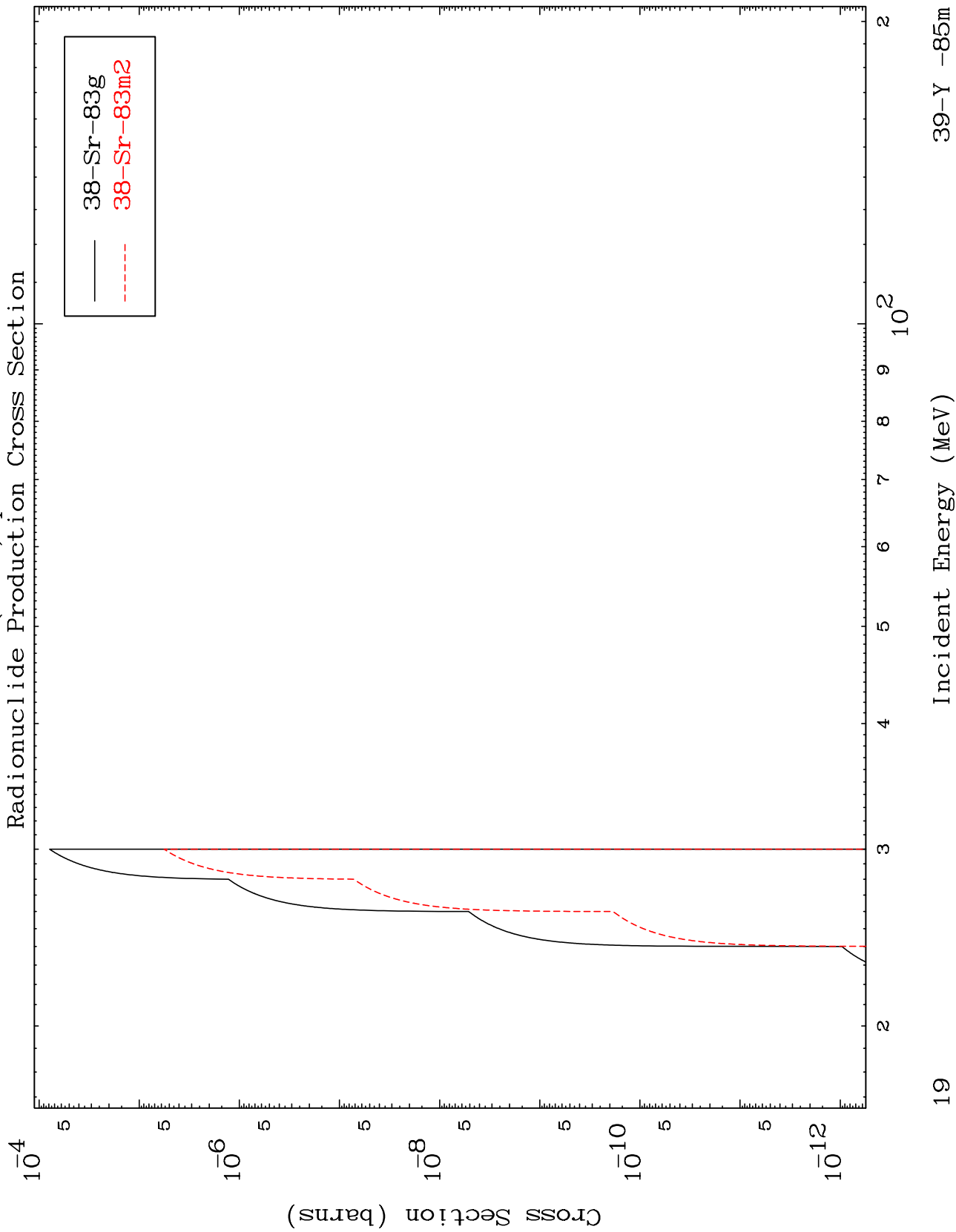
Incident Energy (MeV)

39-Y -85m

MAT 3914

(n,n') p  $\alpha$

39-Y -85m



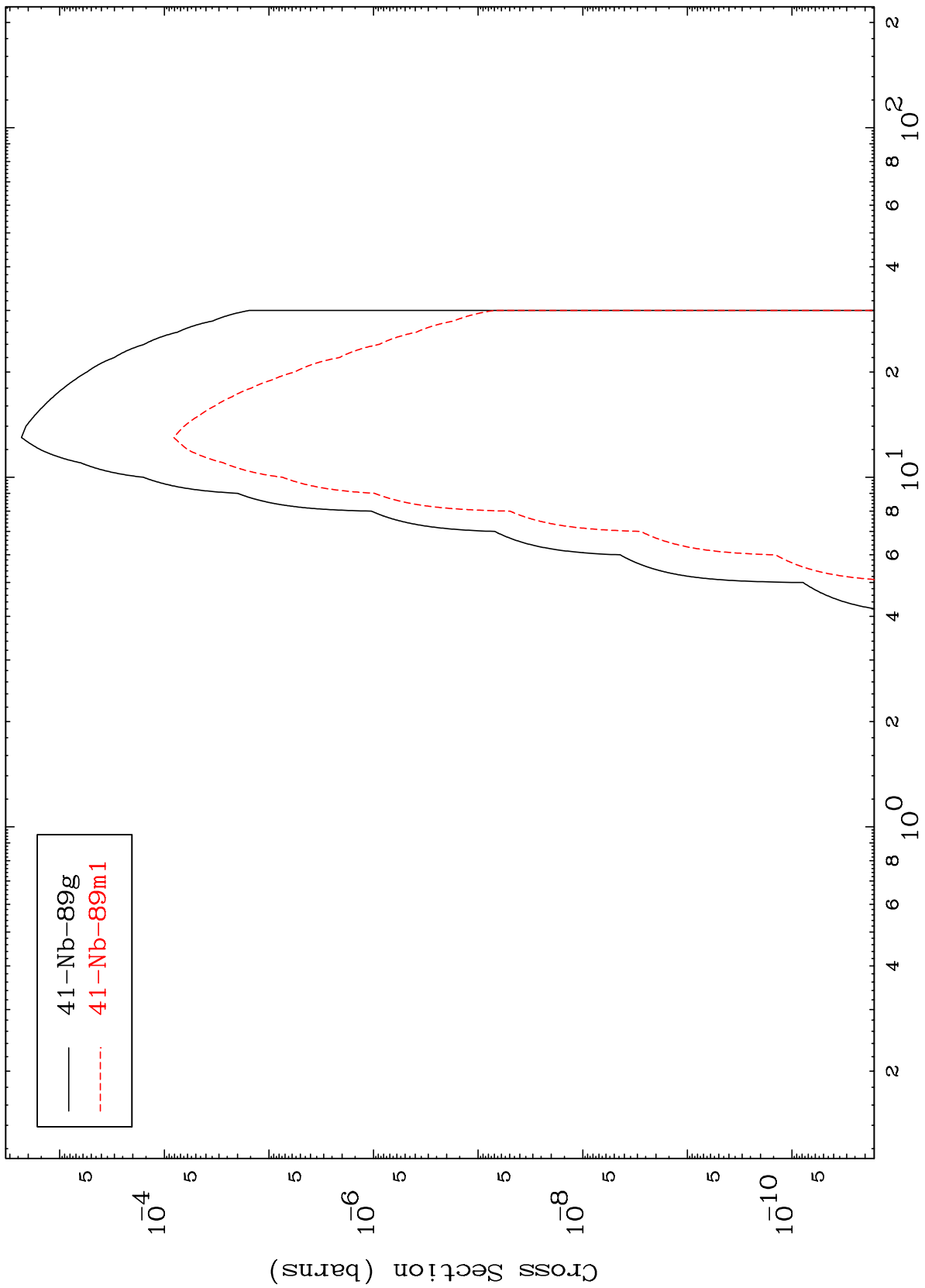
19

39-Y -85m

MAT 3914

39-Y -85m

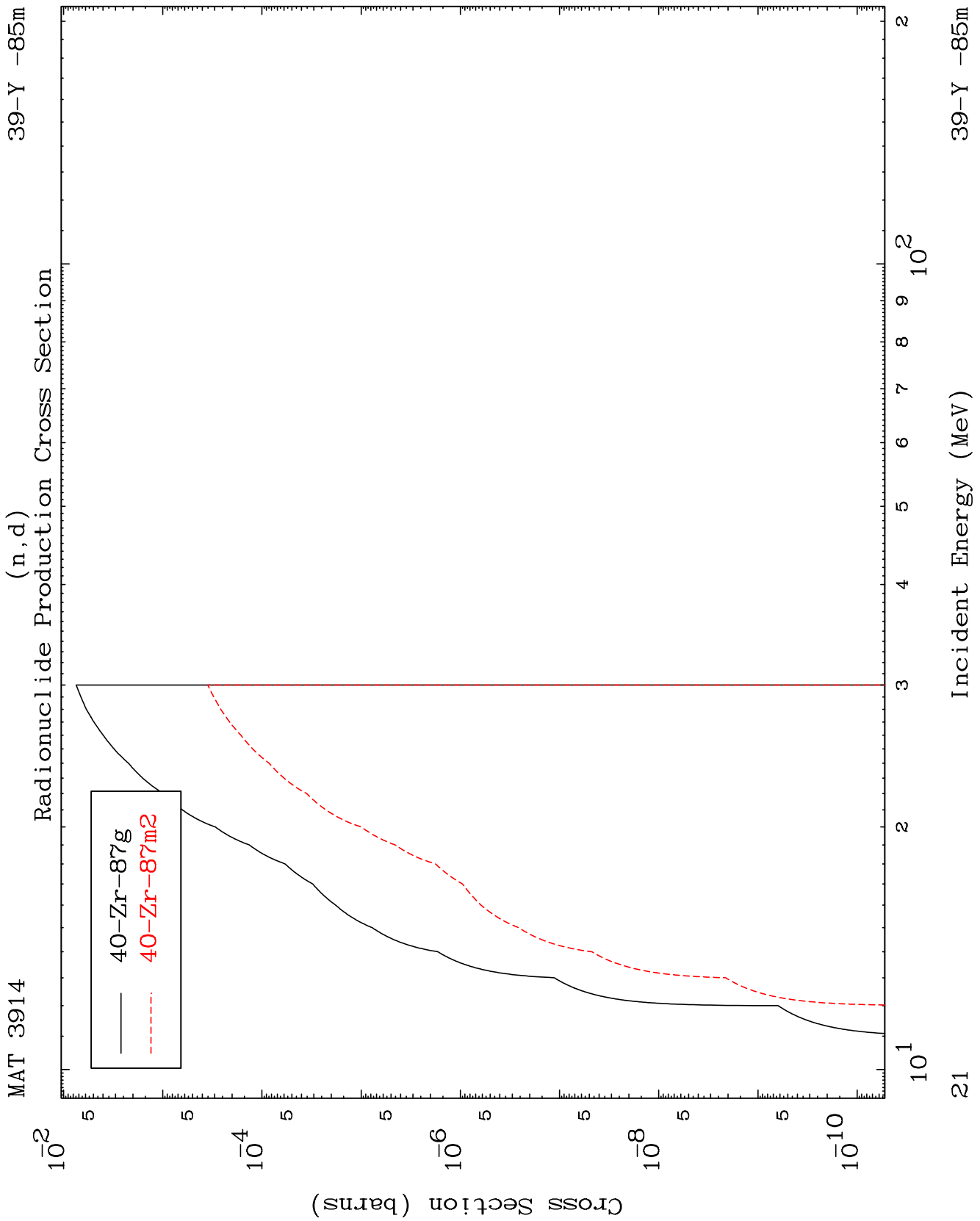
Radionuclide Production Cross Section



39-Y -85m

Incident Energy (MeV)

20

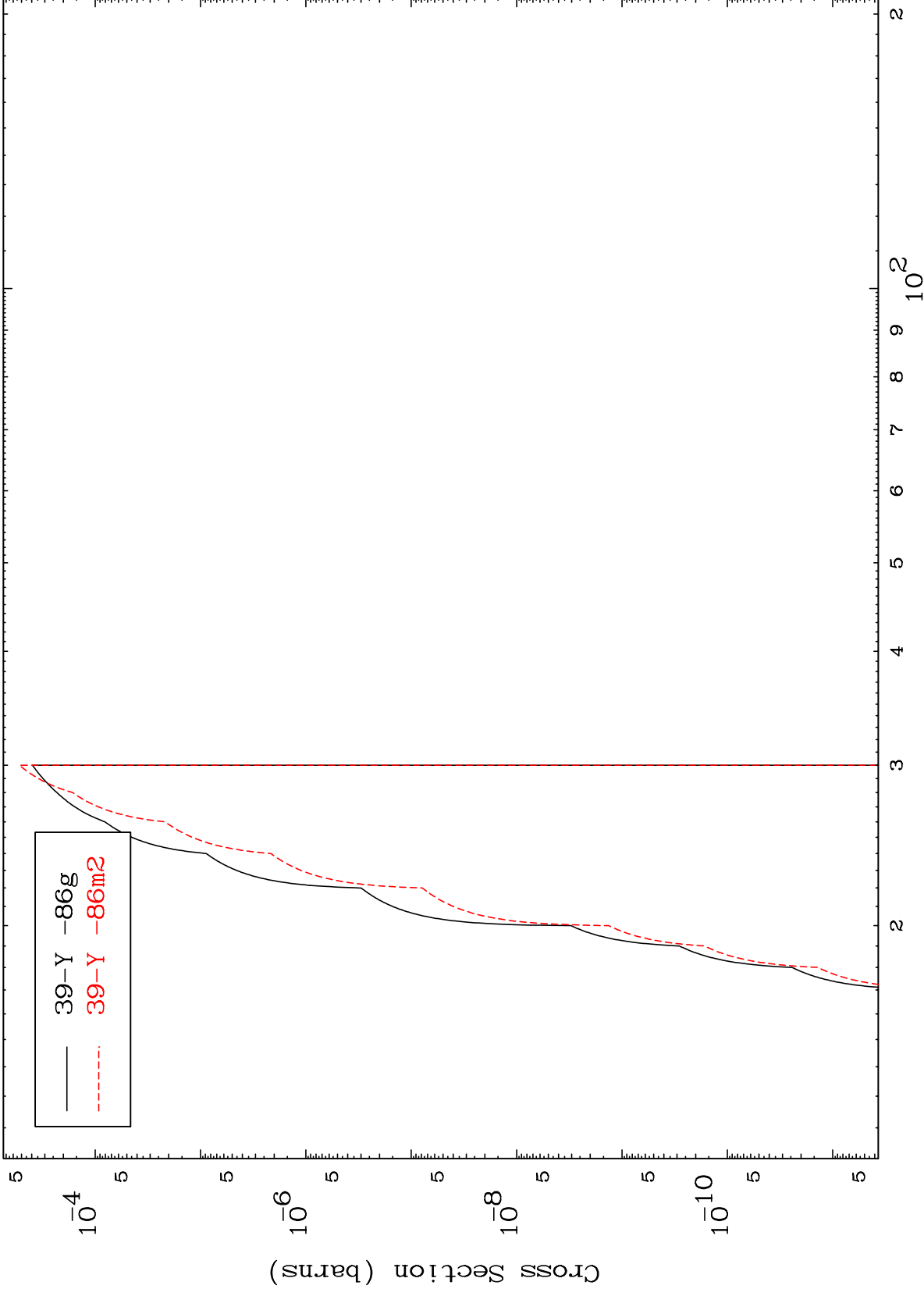


MAT 3914

(n,He-3)

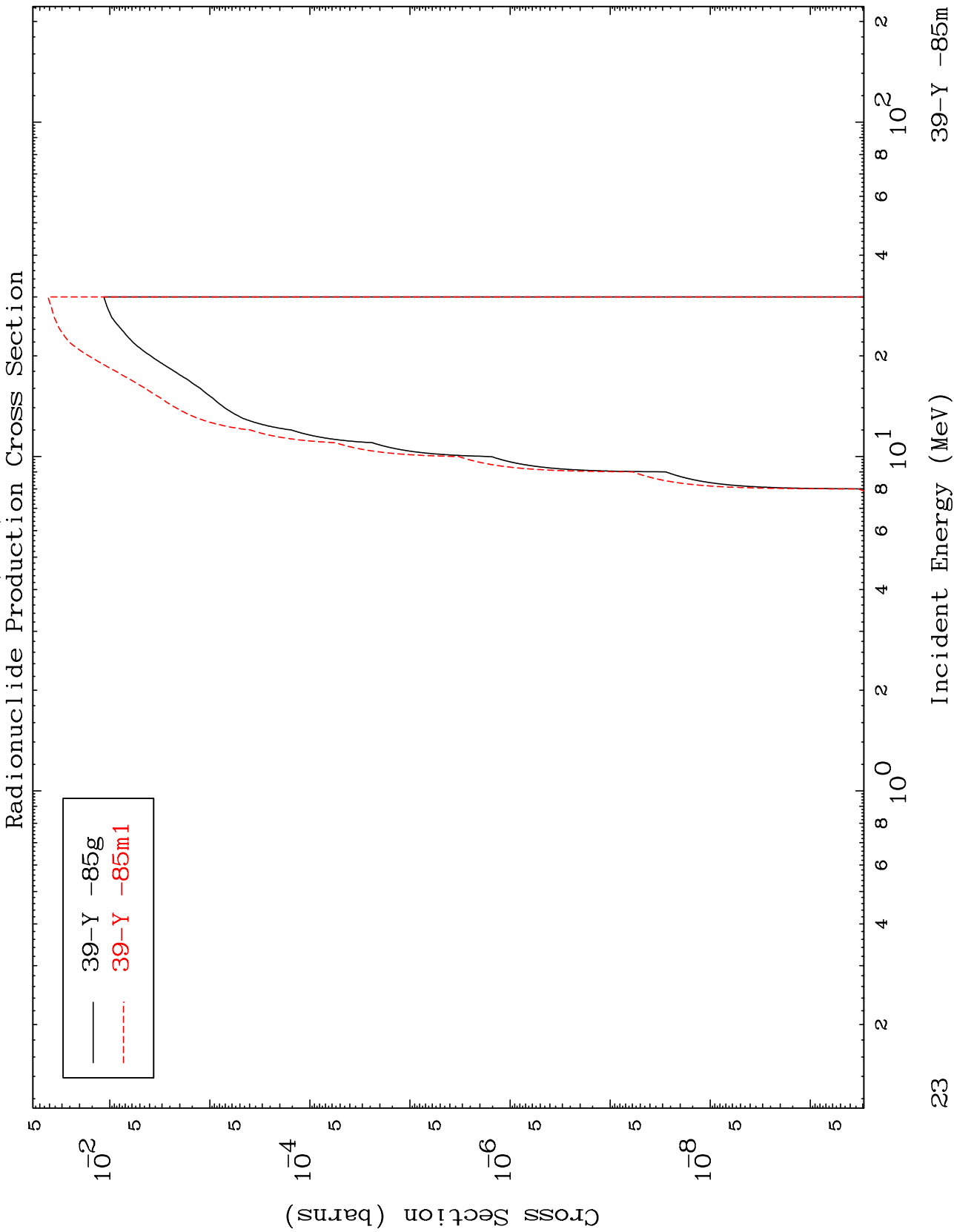
39-Y -85m

Radionuclide Production Cross Section



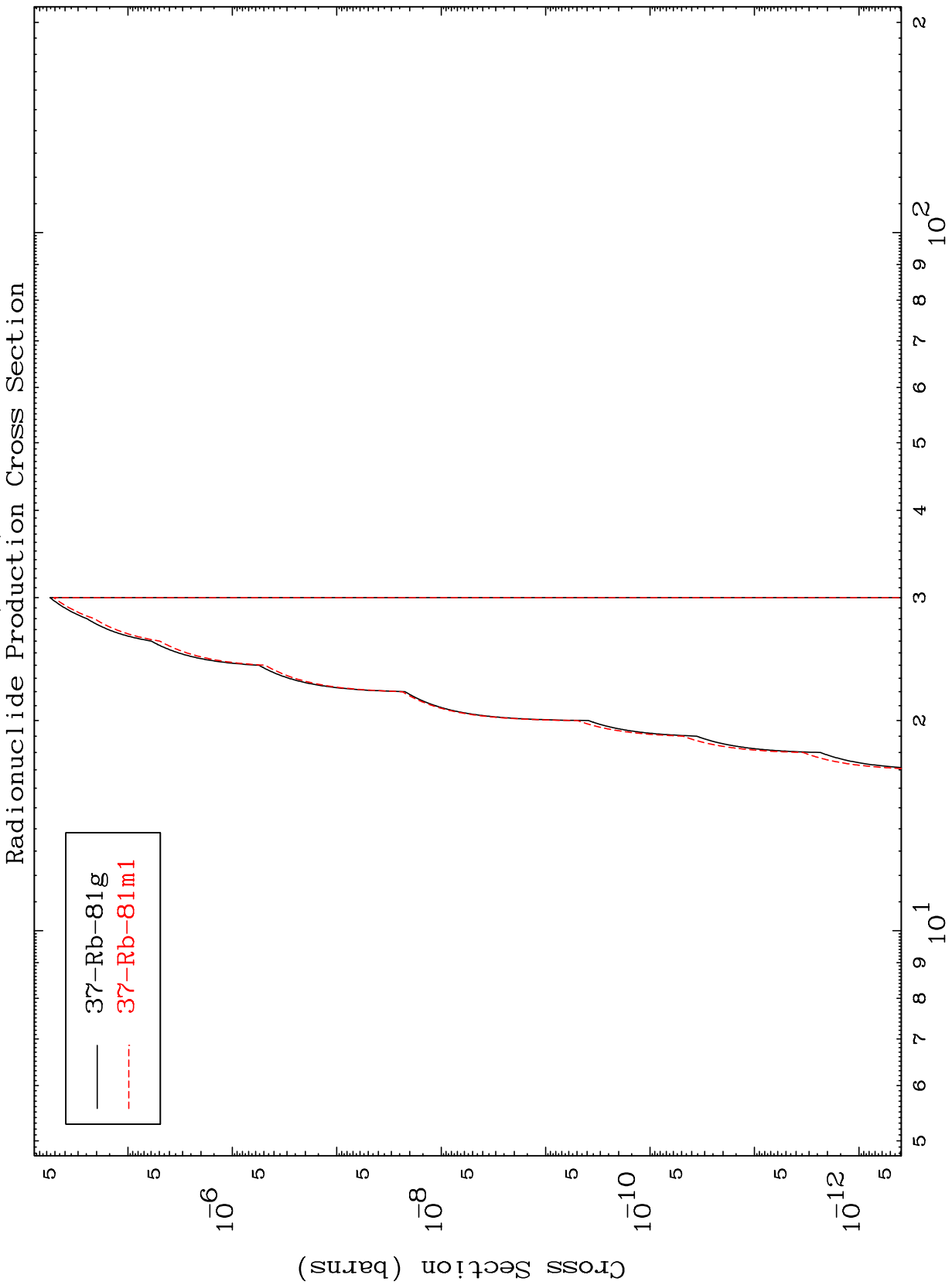
MAT 3914

39-Y -85m



MAT 3914

39-Y -85m



24

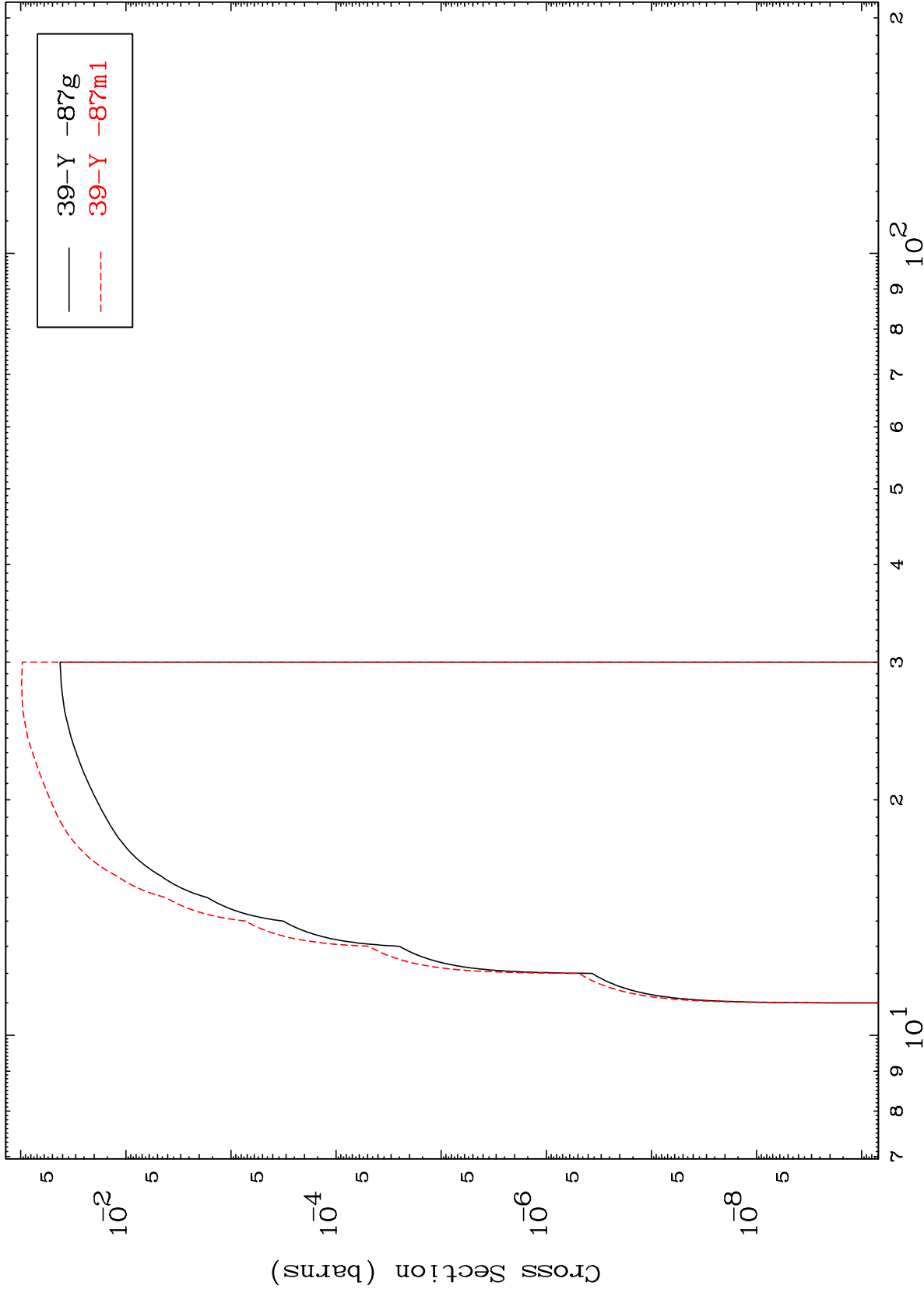
39-Y -85m

MAT 3914

(n,2p)

39-Y -85m

Radionuclide Production Cross Section

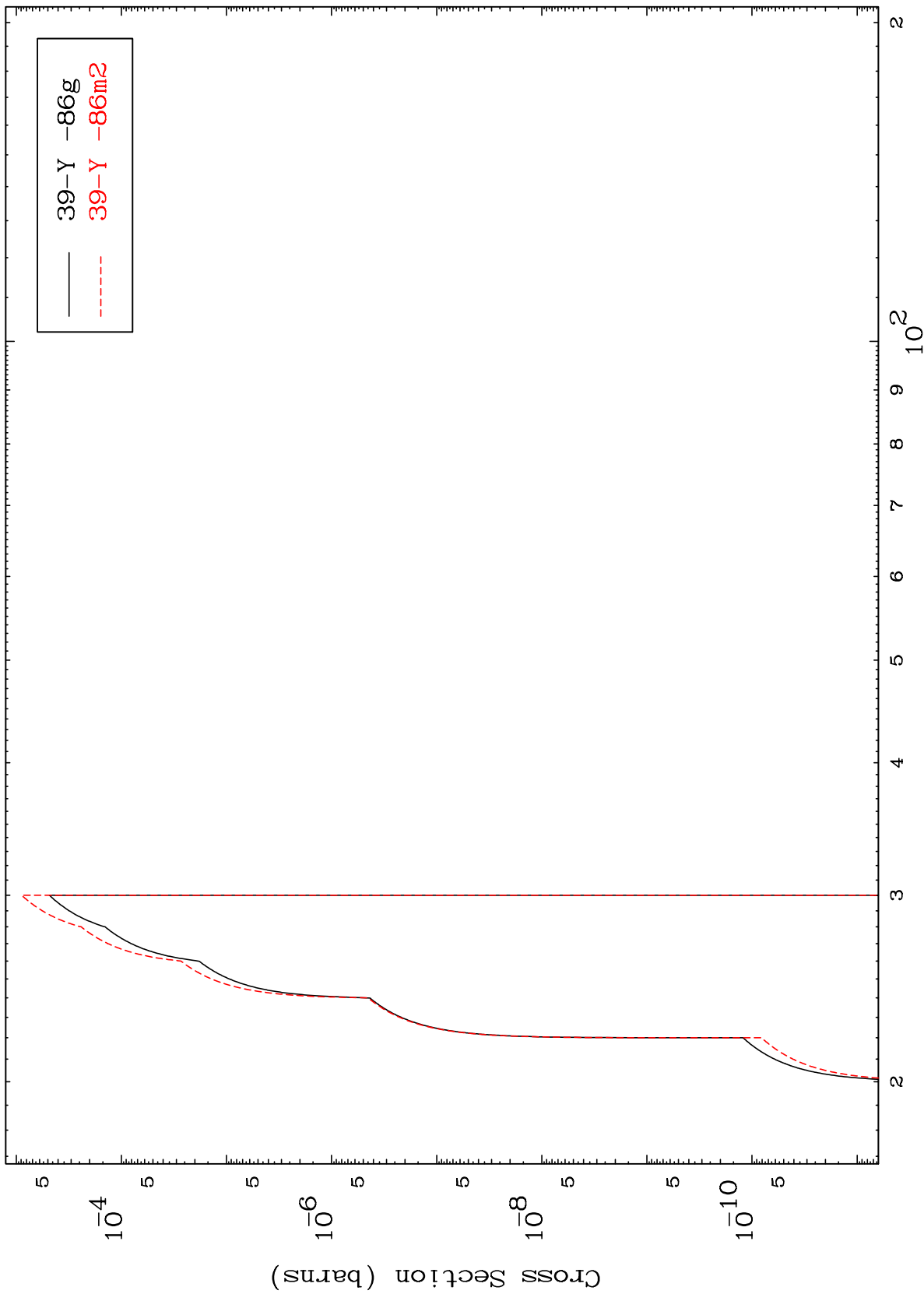


25

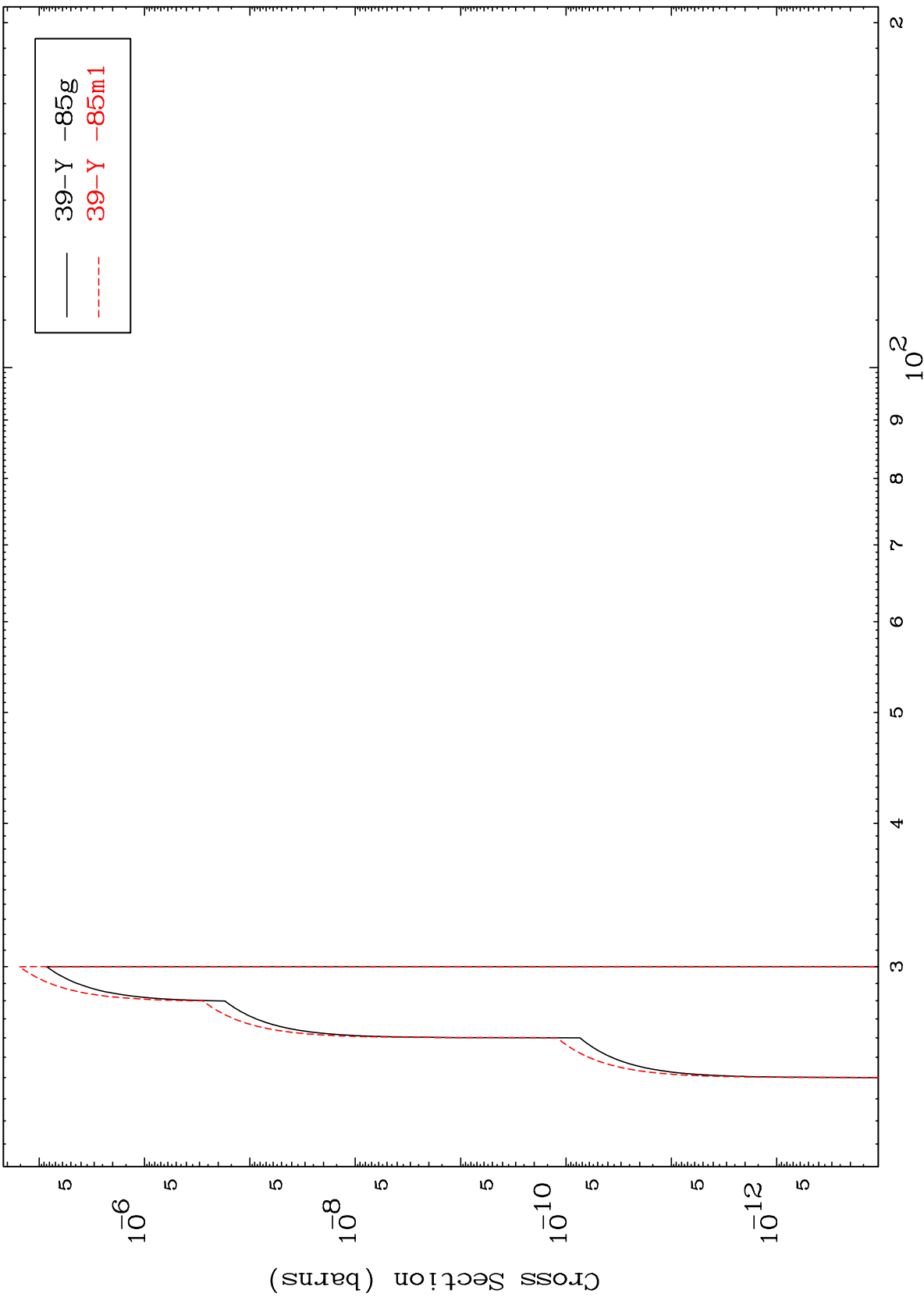
Incident Energy (MeV)

39-Y -85m

Radionuclide Production Cross Section



Radionuclide Production Cross Section



39-Y -85g  
39-Y -85m1

