

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](mailto:redcullen1@comcast.net)

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

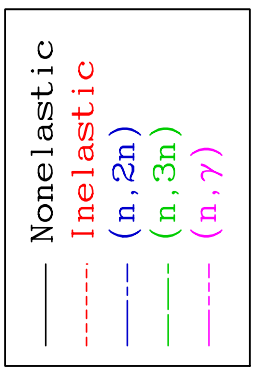
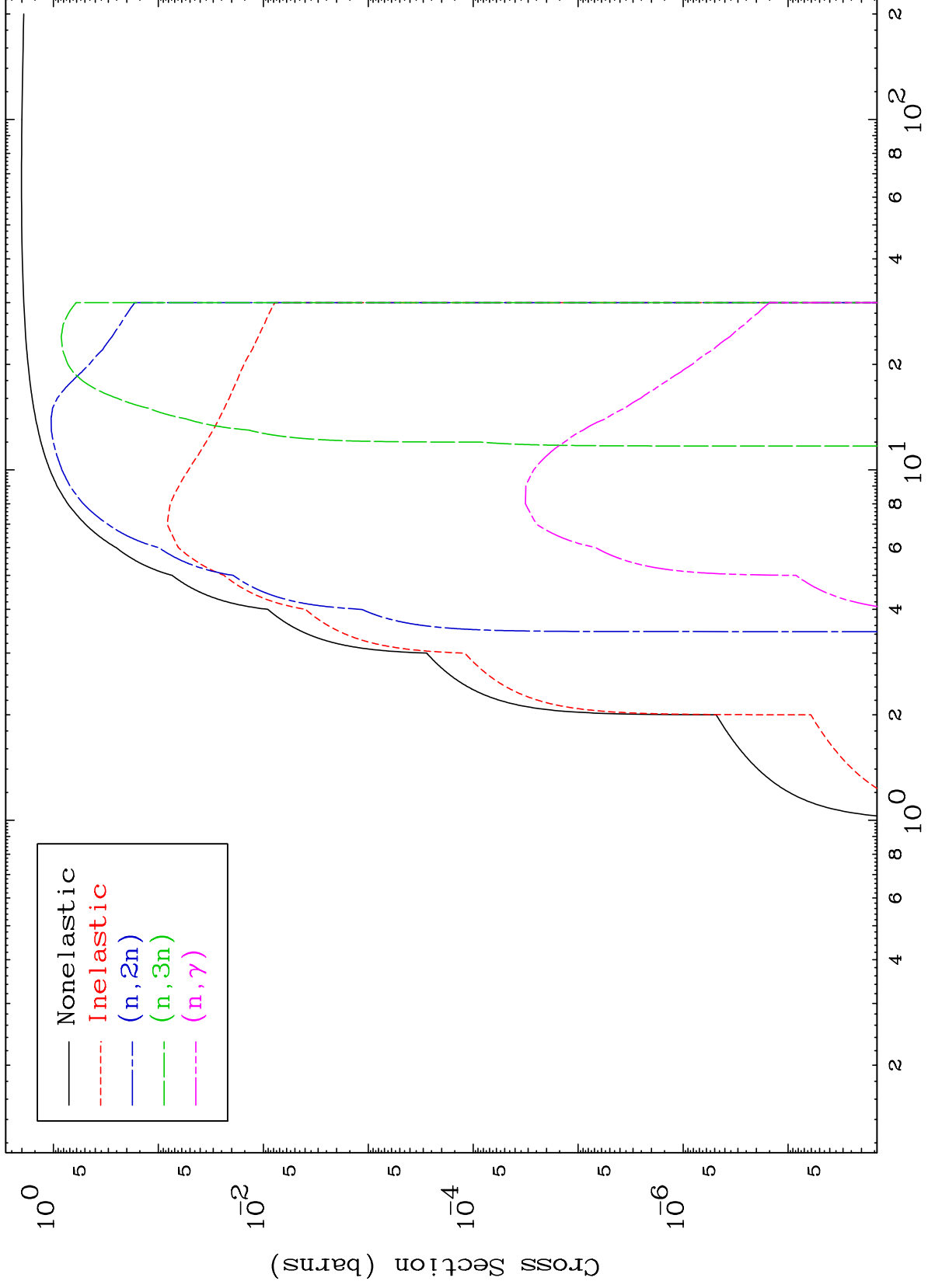
Press Mouse Button to Start

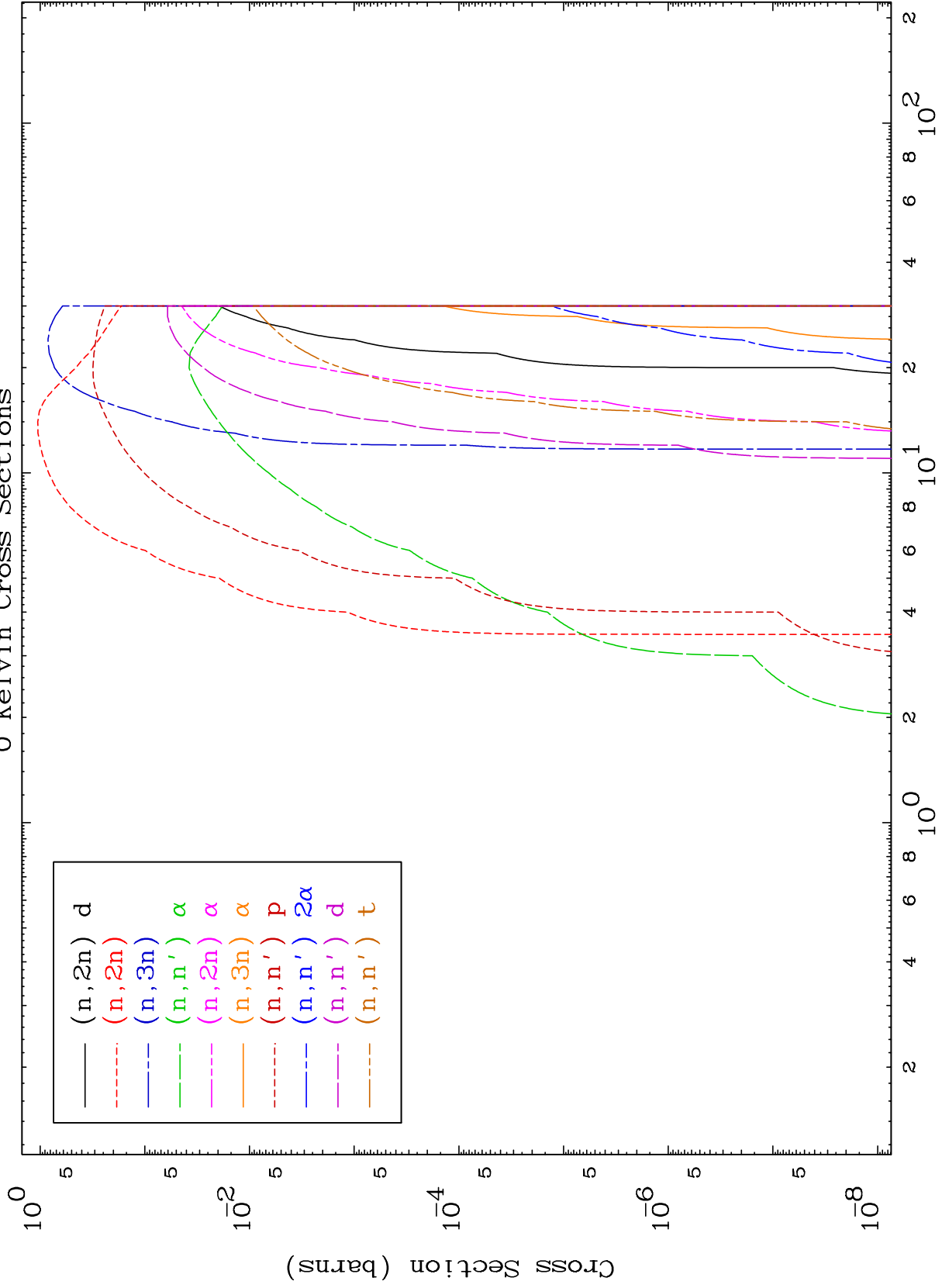
MAT 4126

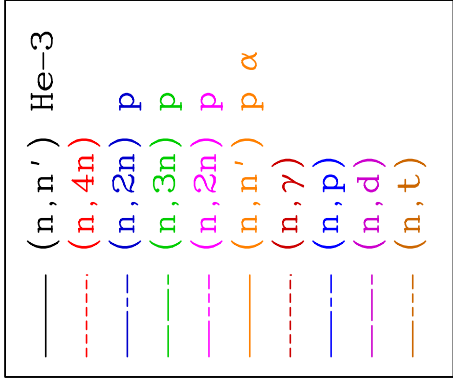
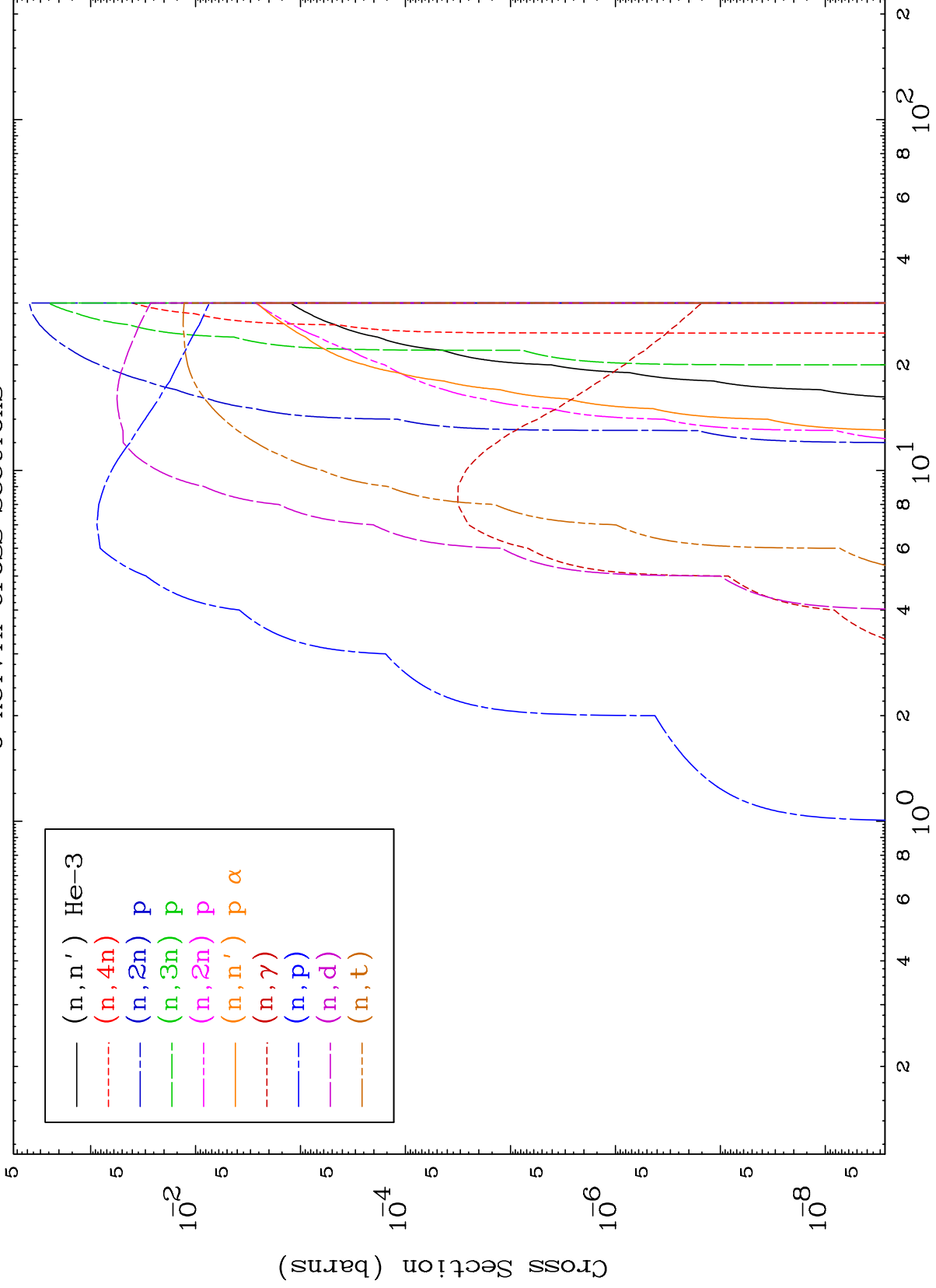
Deuteron Major

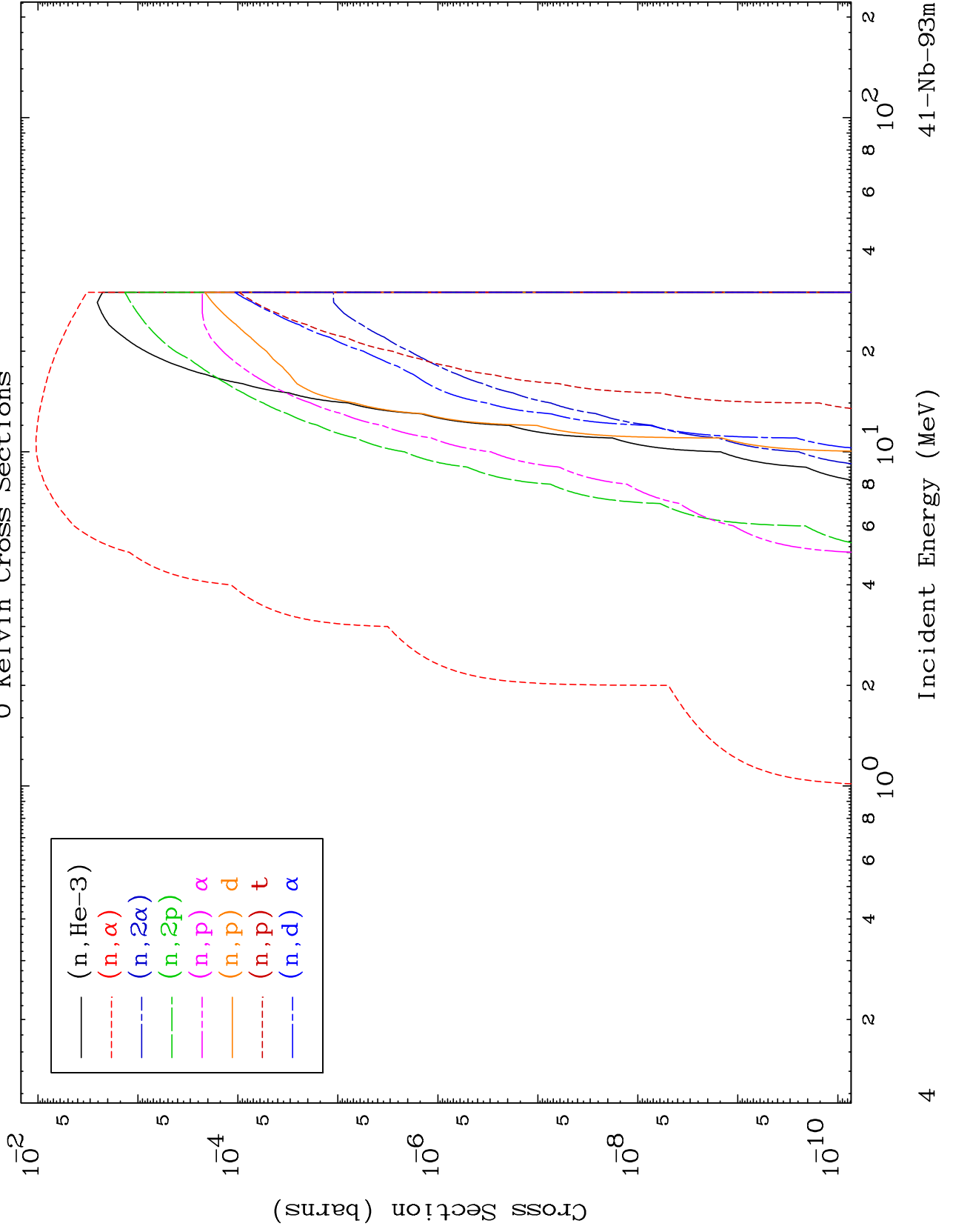
41-Nb-93m

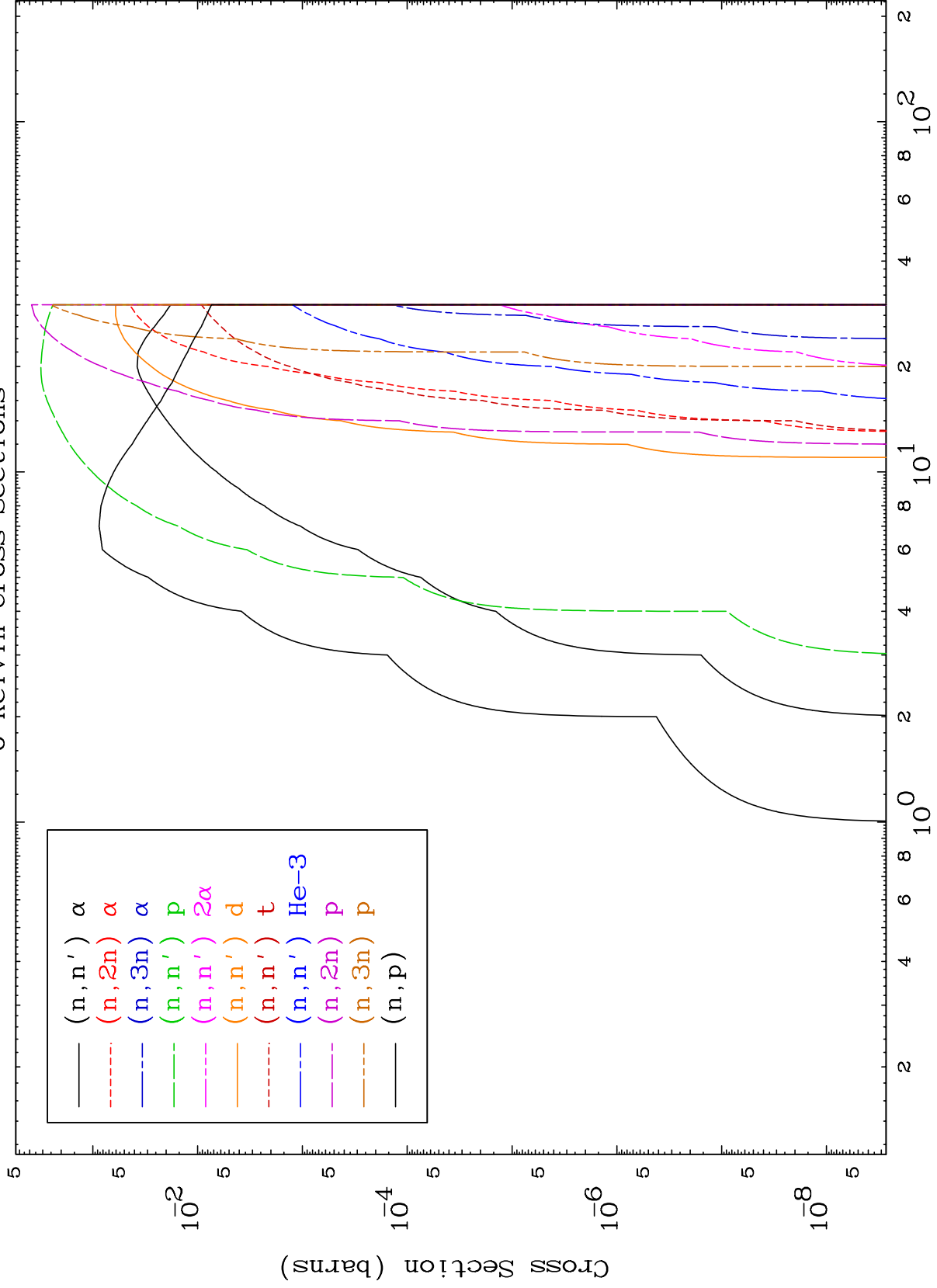
0 Kelvin Cross Sections

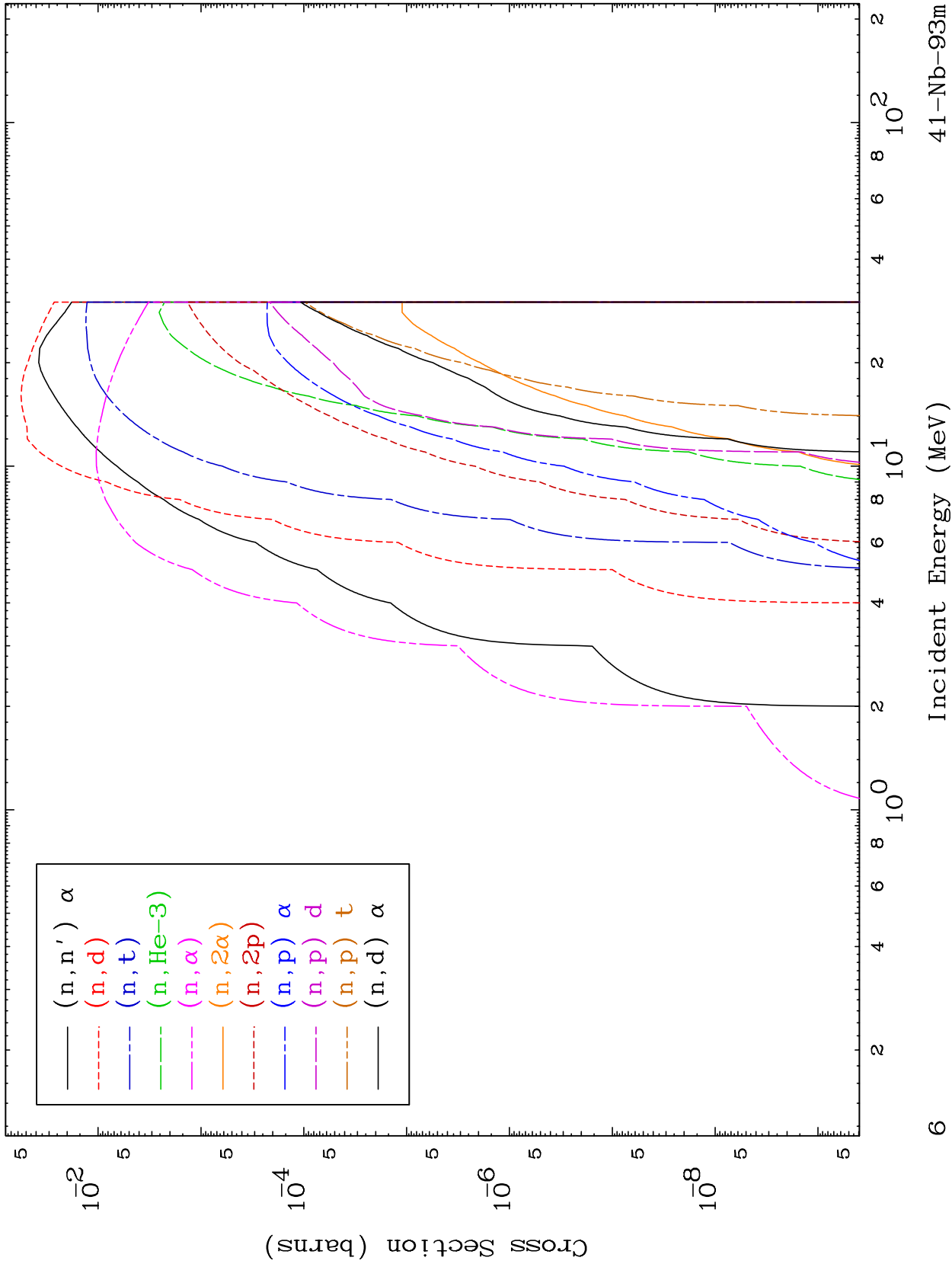








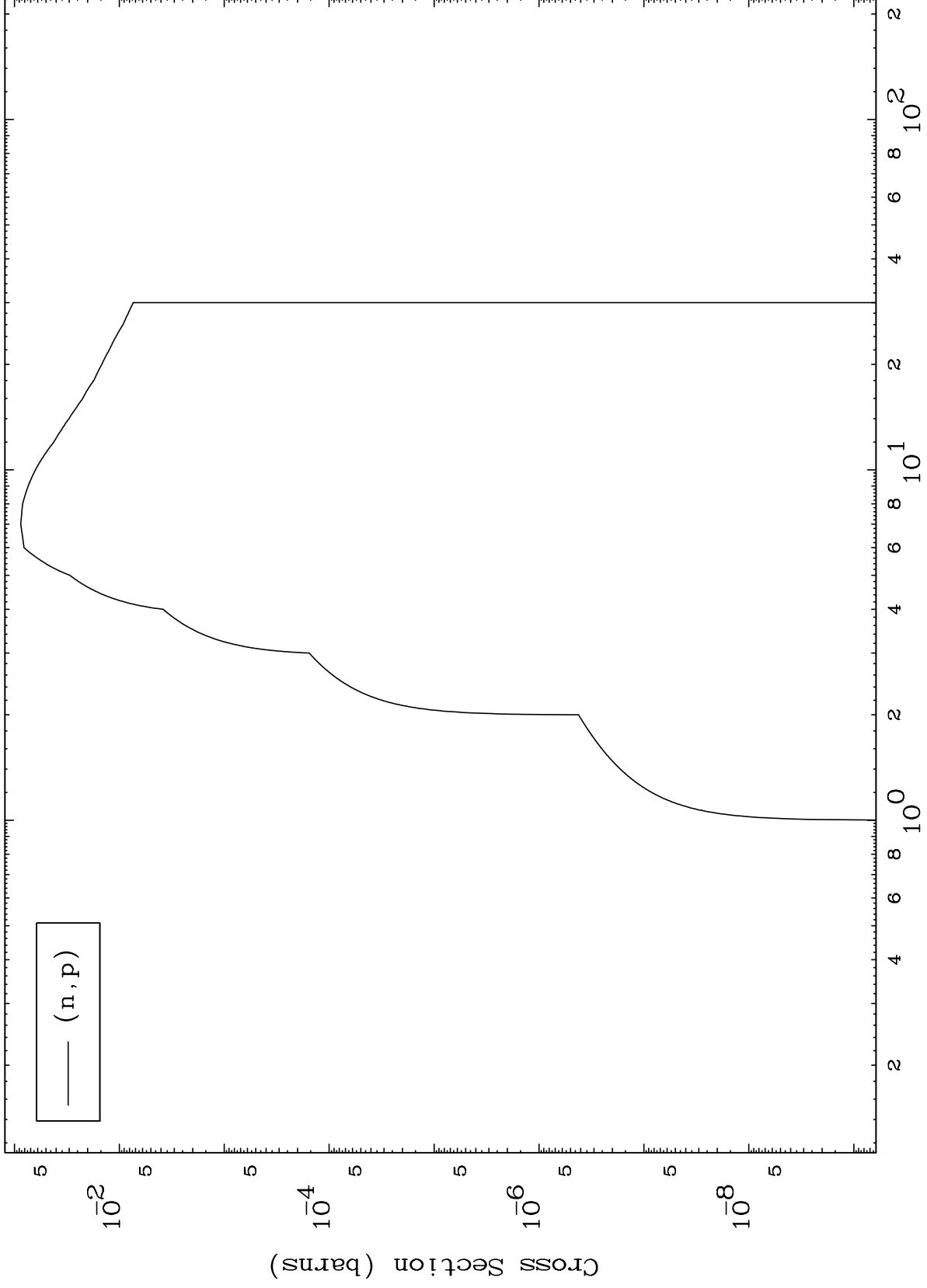




MAT 4126

(d,p) Levels  
0 Kelvin Cross Sections

41-Nb-93m



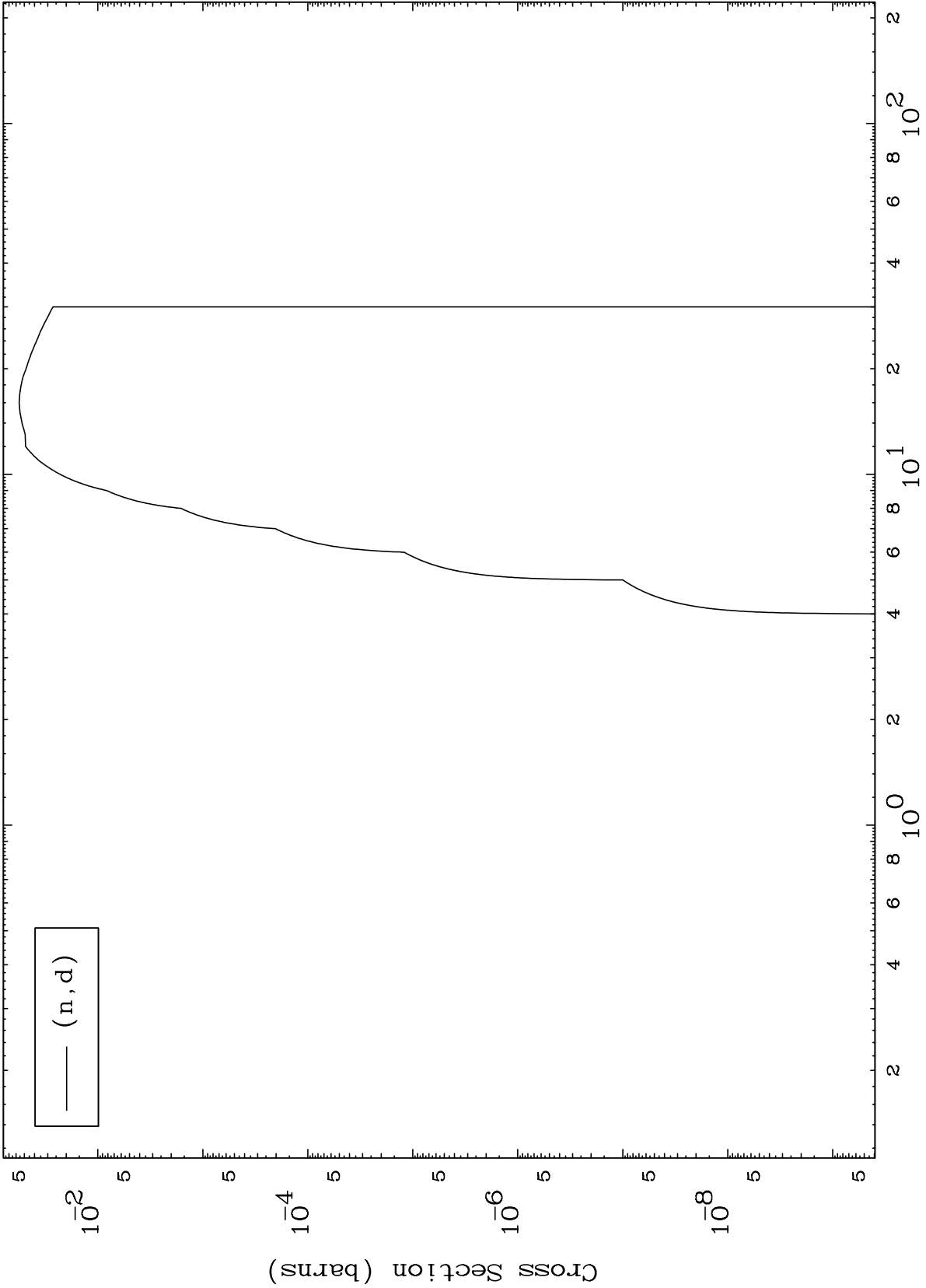


MAT 4126

(d,d) Levels

41-Nb-93m

0 Kelvin Cross Sections

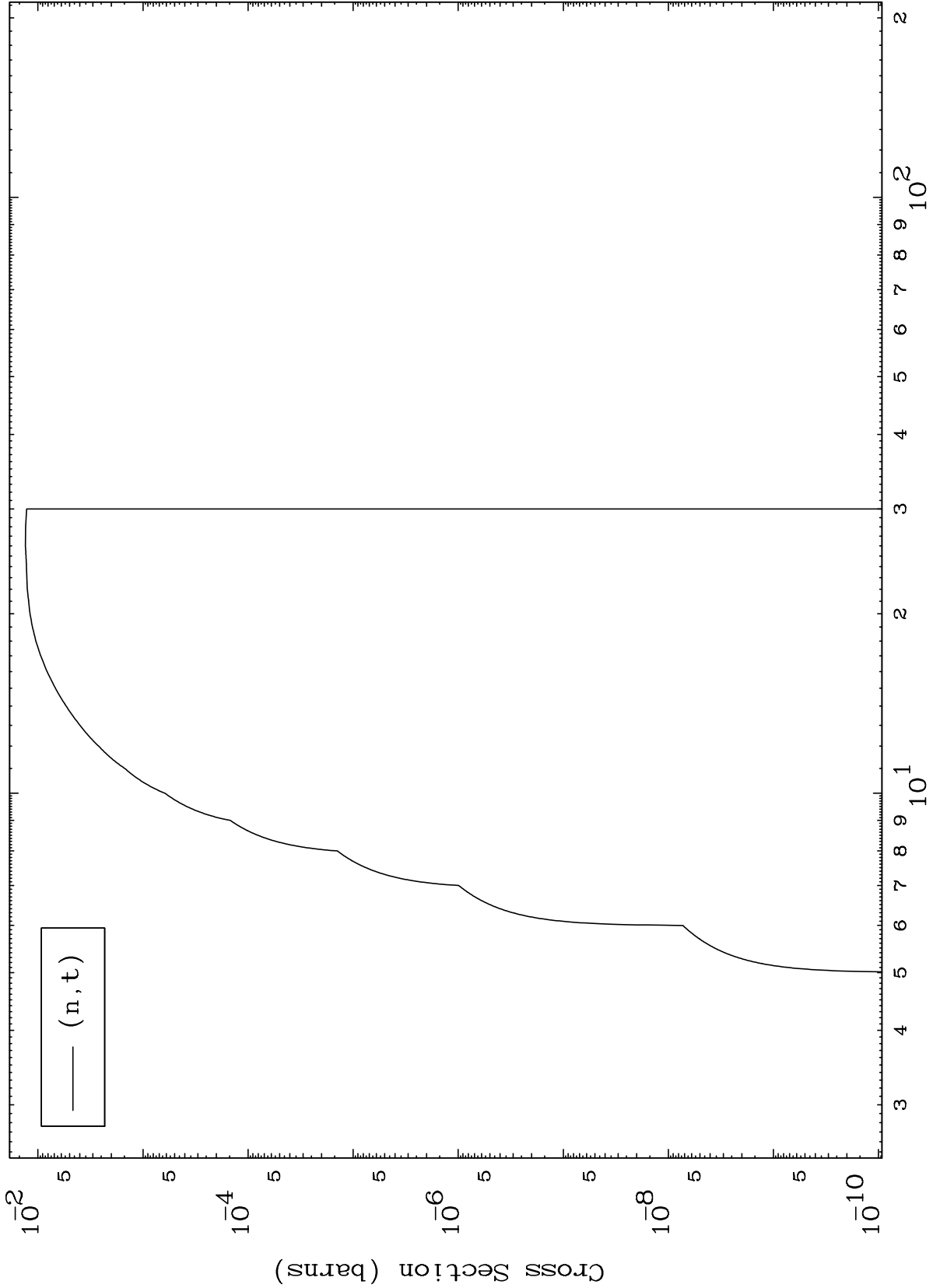


MAT 4126

(d,t) Levels

41-Nb-93m

0 Kelvin Cross Sections



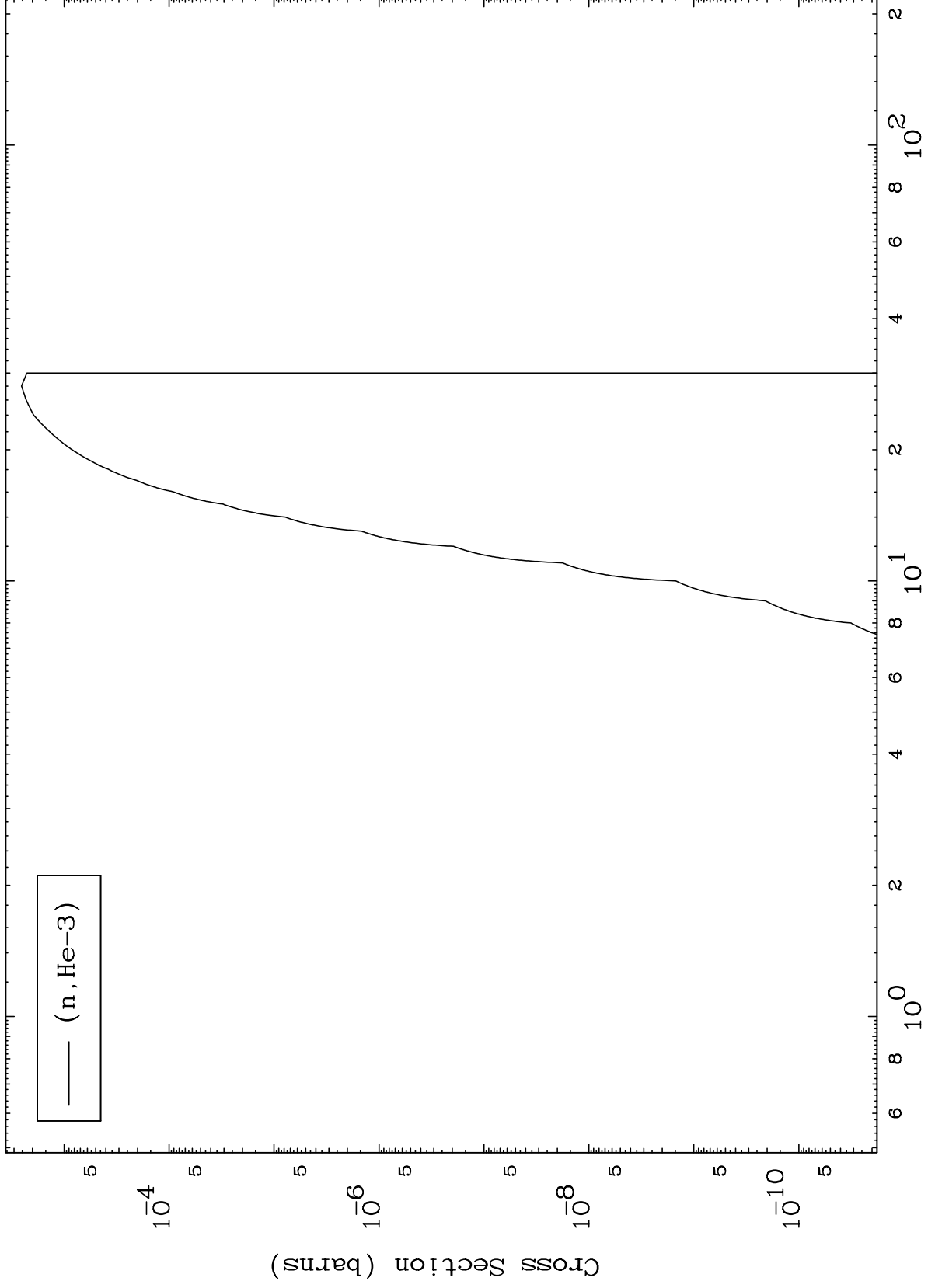
(n,t)

MAT 4126

(d,He3) Levels

41-Nb-93m

0 Kelvin Cross Sections



10

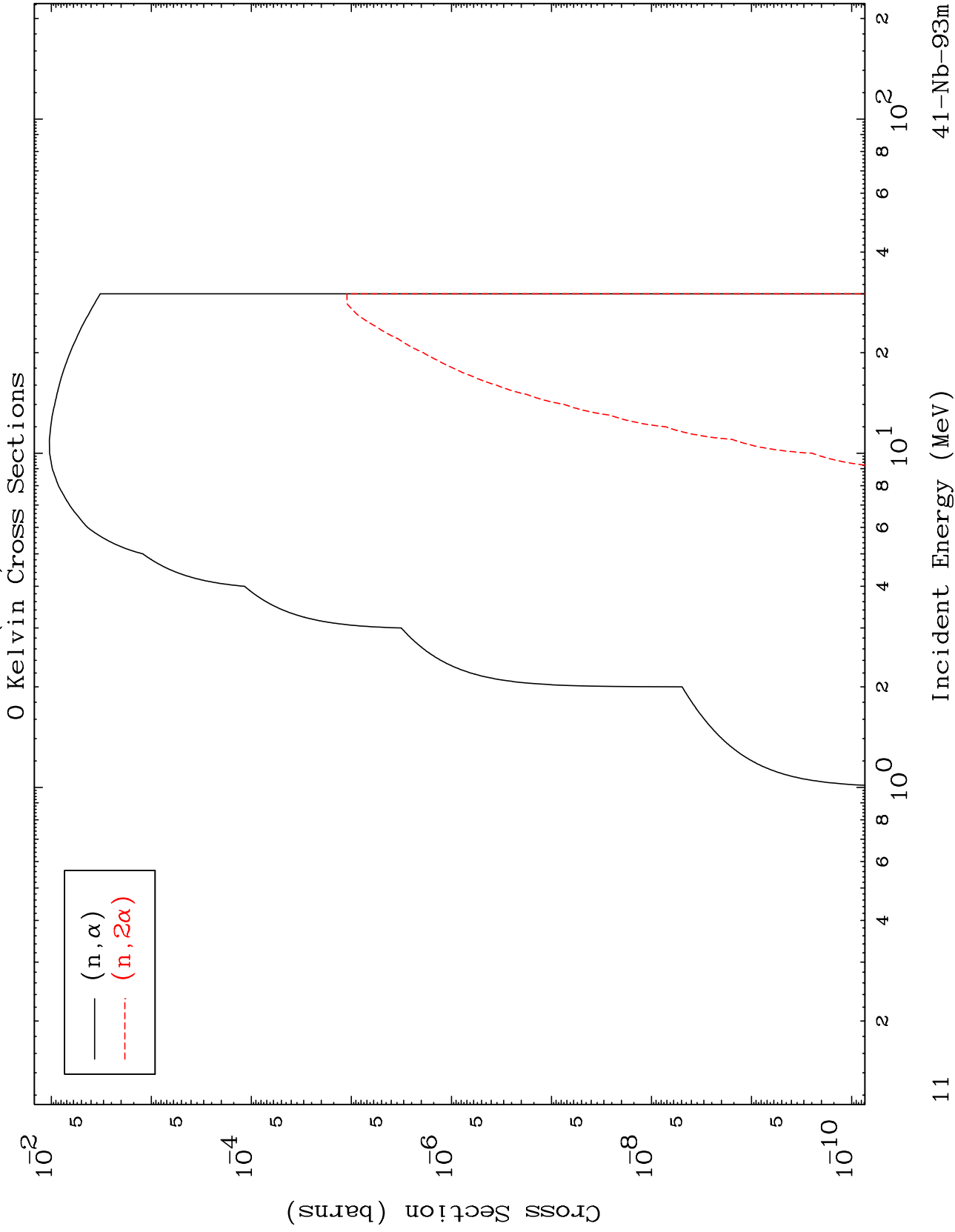
Incident Energy (MeV)

41-Nb-93m

MAT 4126

(d,  $\alpha$ ) Levels

41-Nb-93m

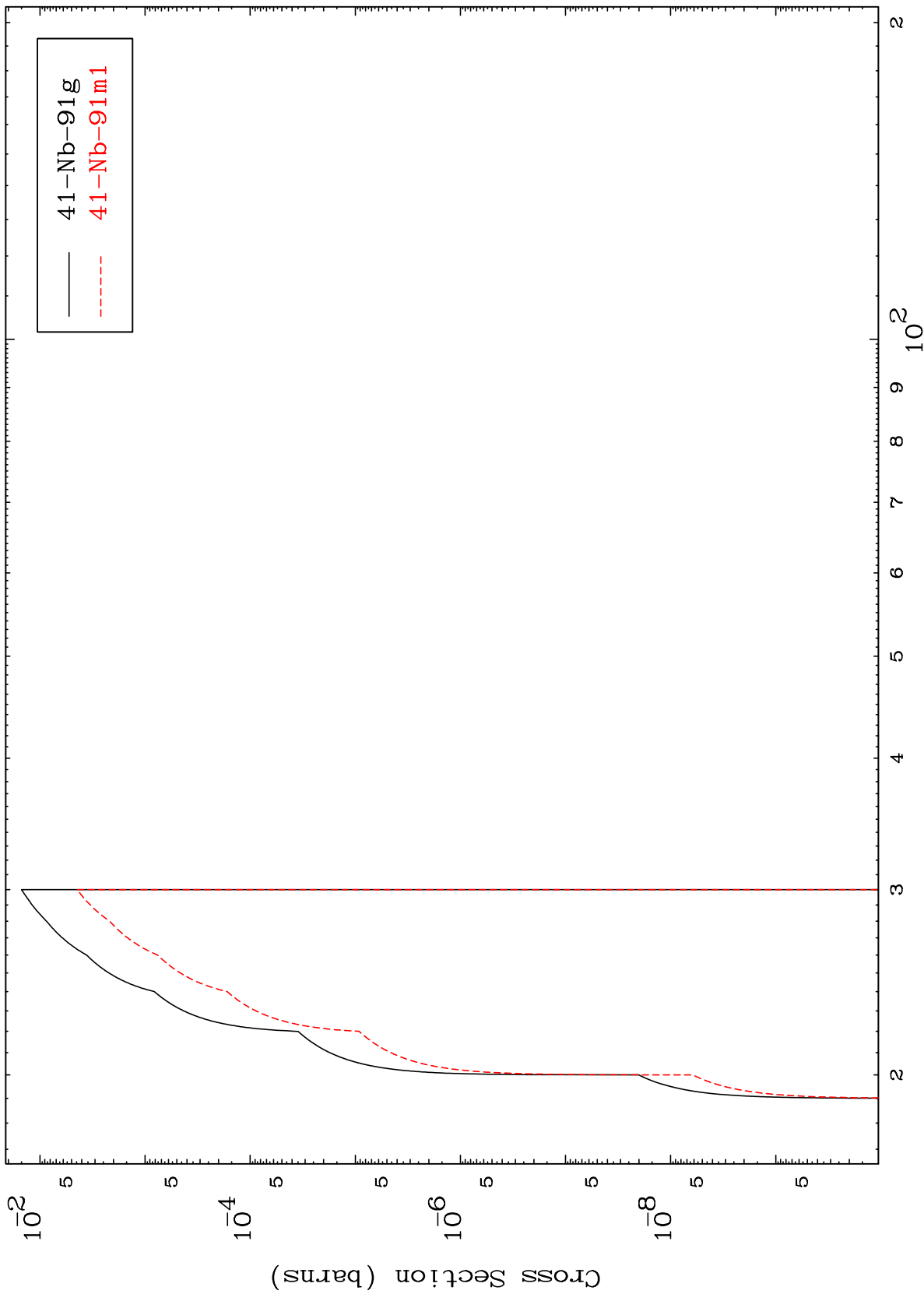


MAT 4126

(n,2n) d

41-Nb-93m

Radionuclide Production Cross Section



12

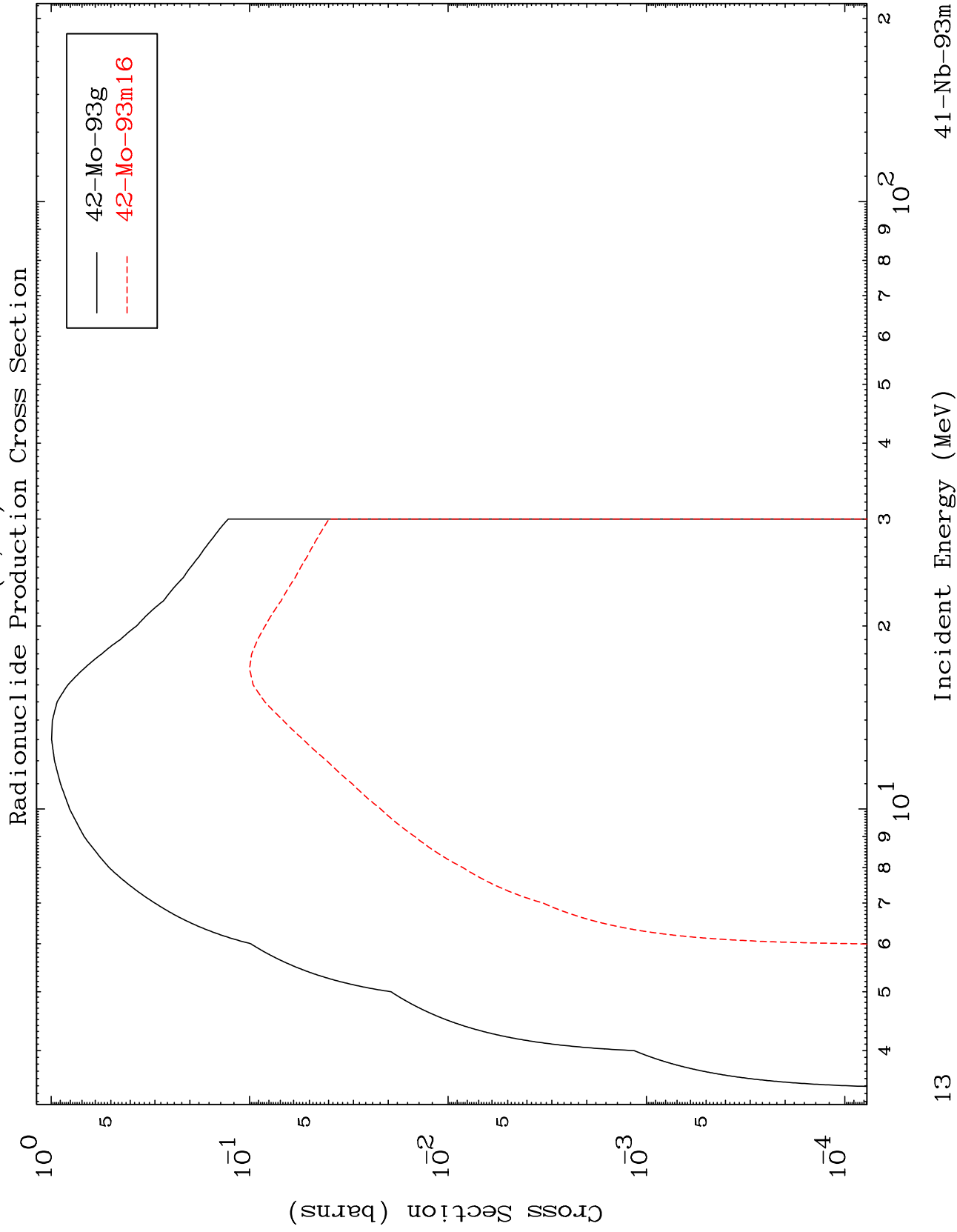
Incident Energy (MeV)

41-Nb-93m

MAT 4126

(n,2n)

41-Nb-93m



13

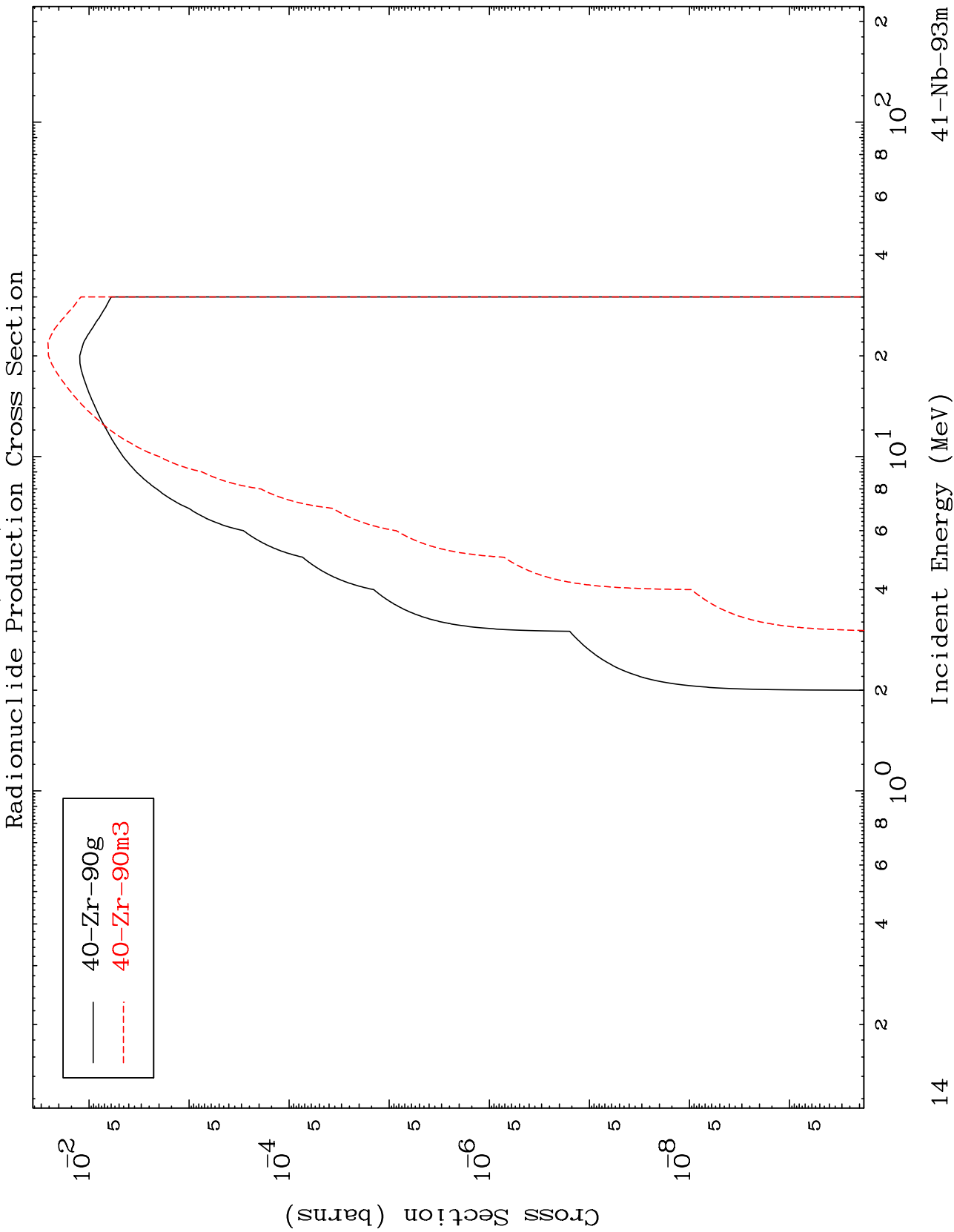
Incident Energy (MeV)

41-Nb-93m

MAT 4126

(n,n')  $\alpha$

41-Nb-93m

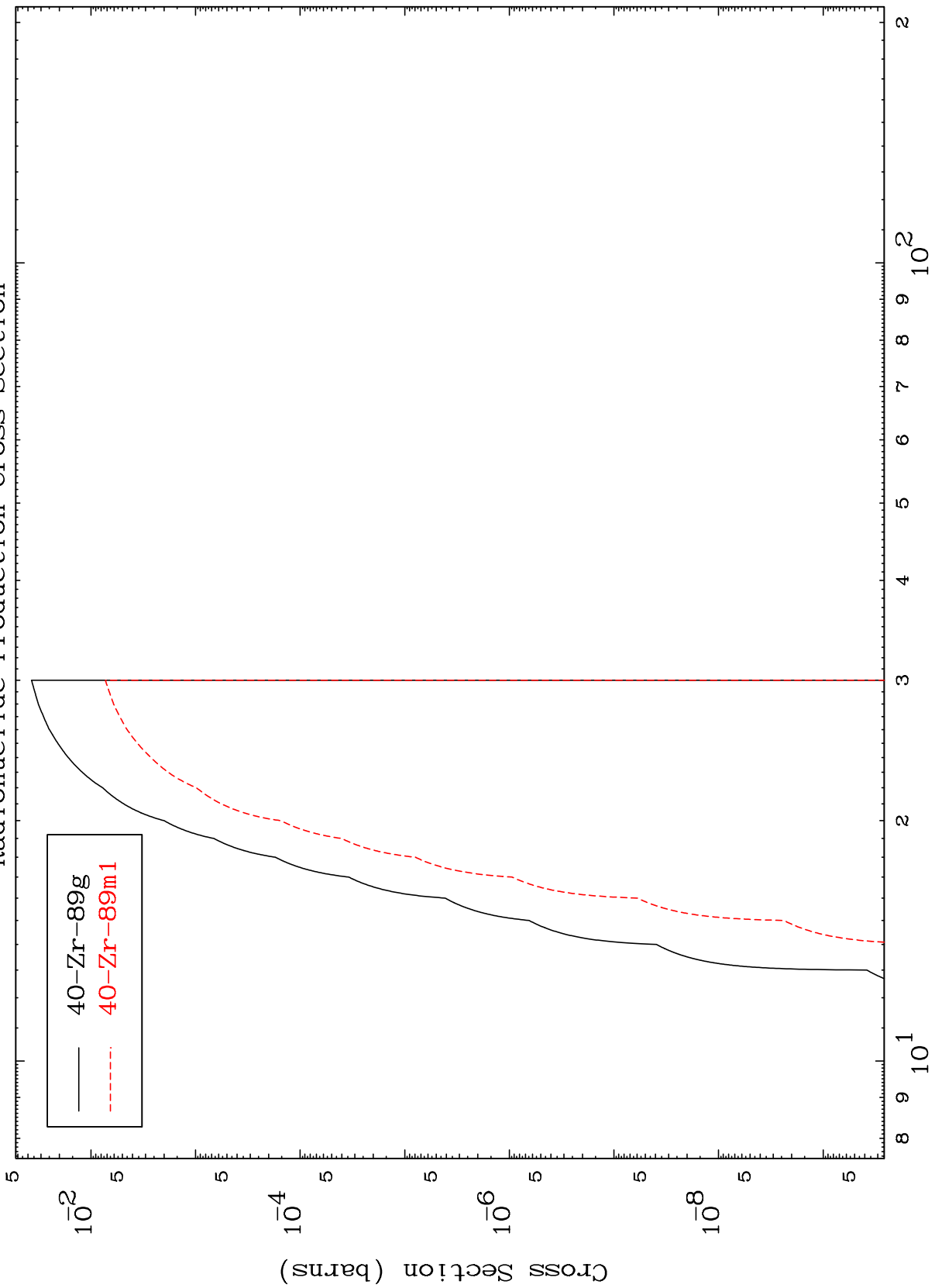


MAT 4126

(n,2n)  $\alpha$

41-Nb-93m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

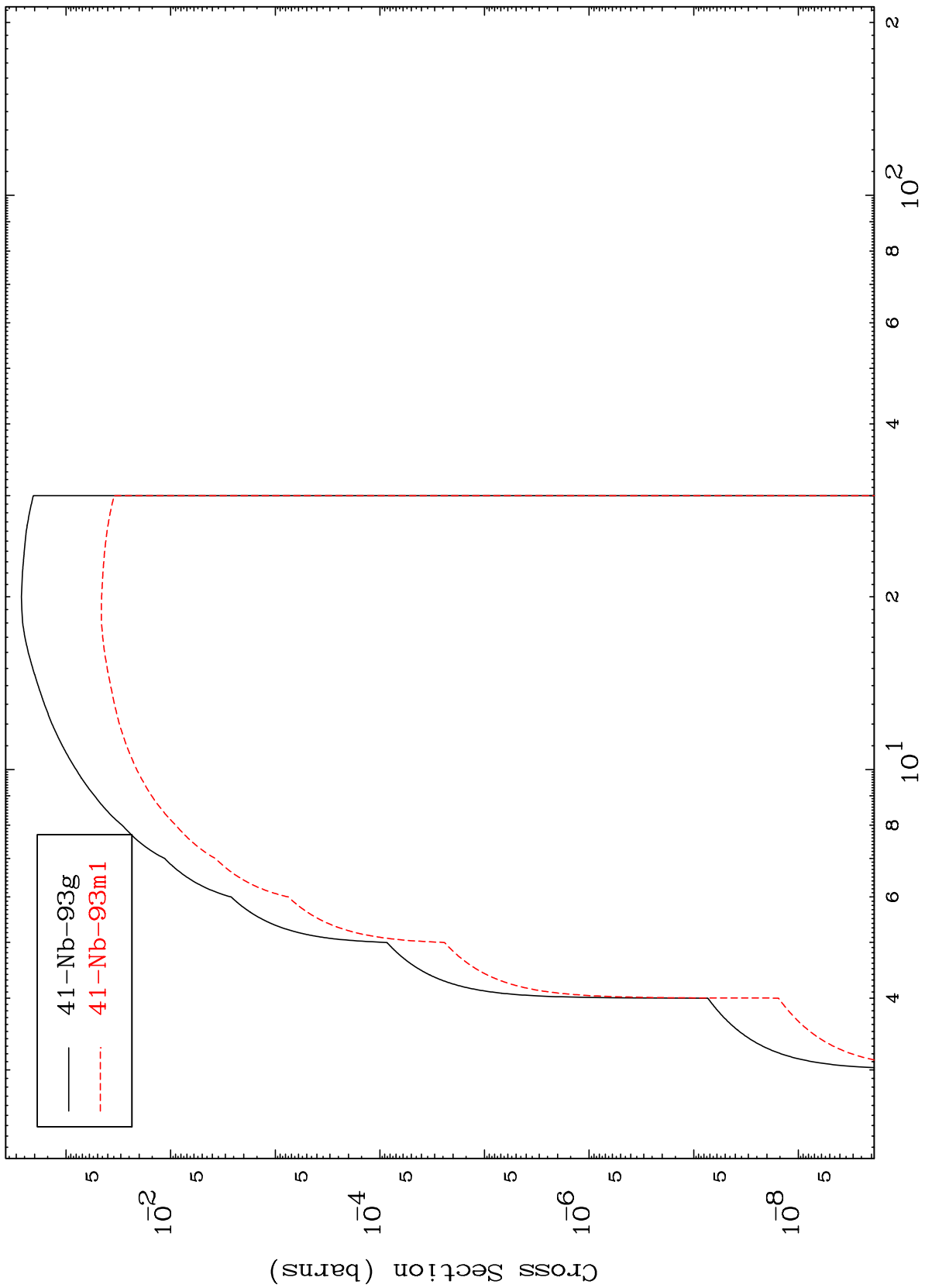
41-Nb-93m



MAT 4126

41-Nb-93m

(n,n') p  
Radionuclide Production Cross Section



41-Nb-93m

Incident Energy (MeV)

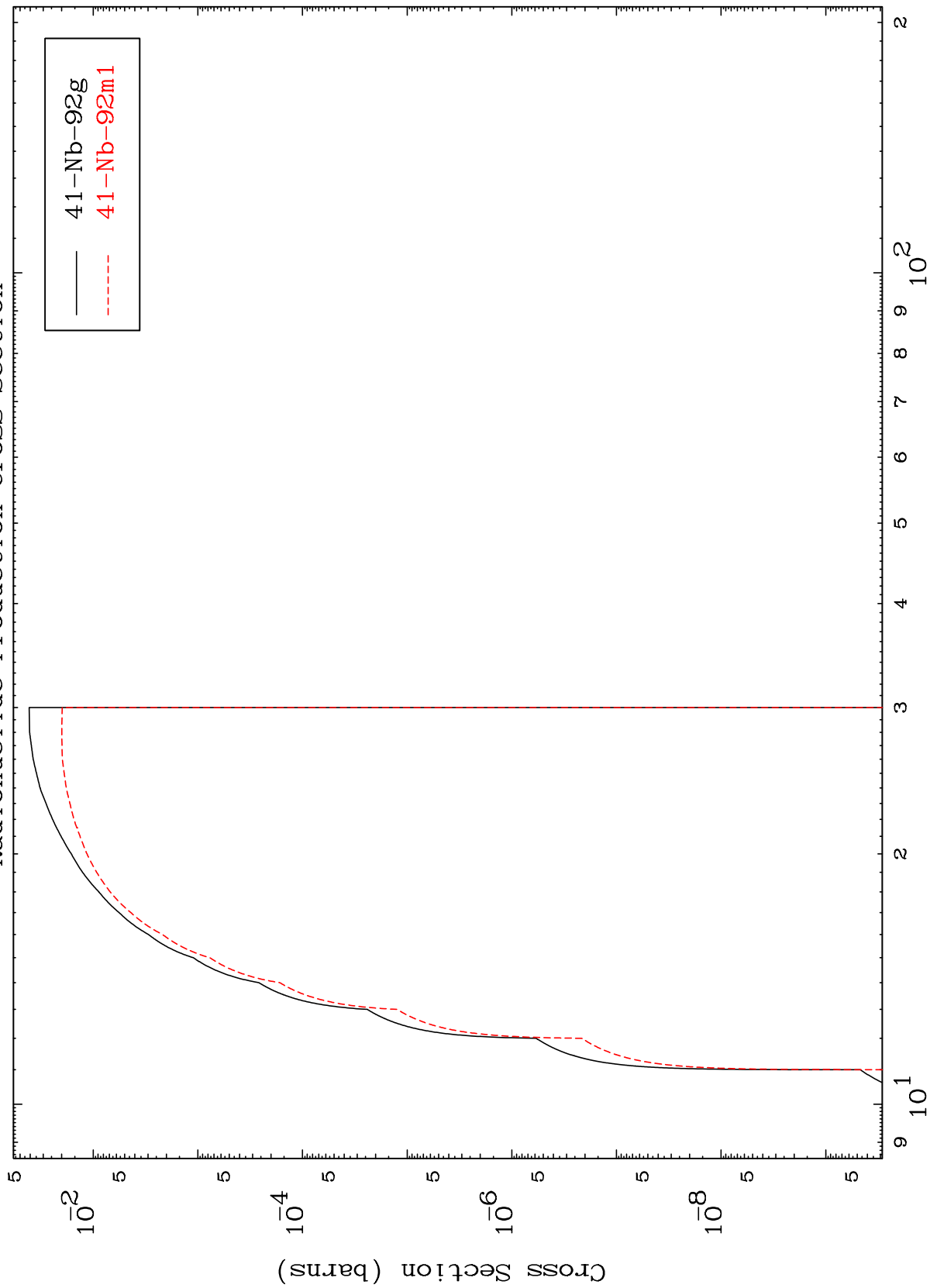
16

MAT 4126

(n,n') d

41-Nb-93m

Radionuclide Production Cross Section



Incident Energy (MeV)

41-Nb-93m

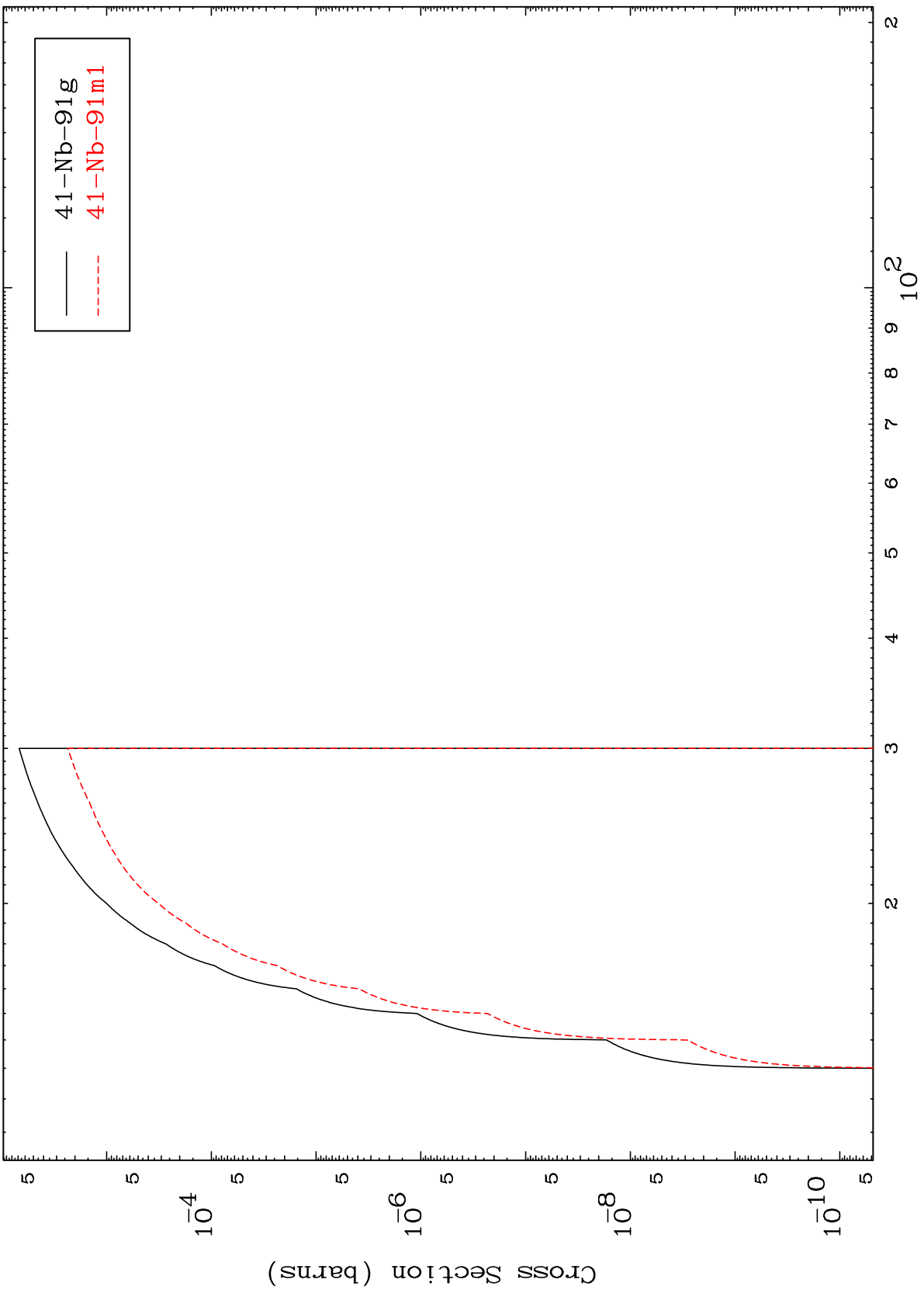
17

MAT 4126

(n,n') t

41-Nb-93m

Radionuclide Production Cross Section



18

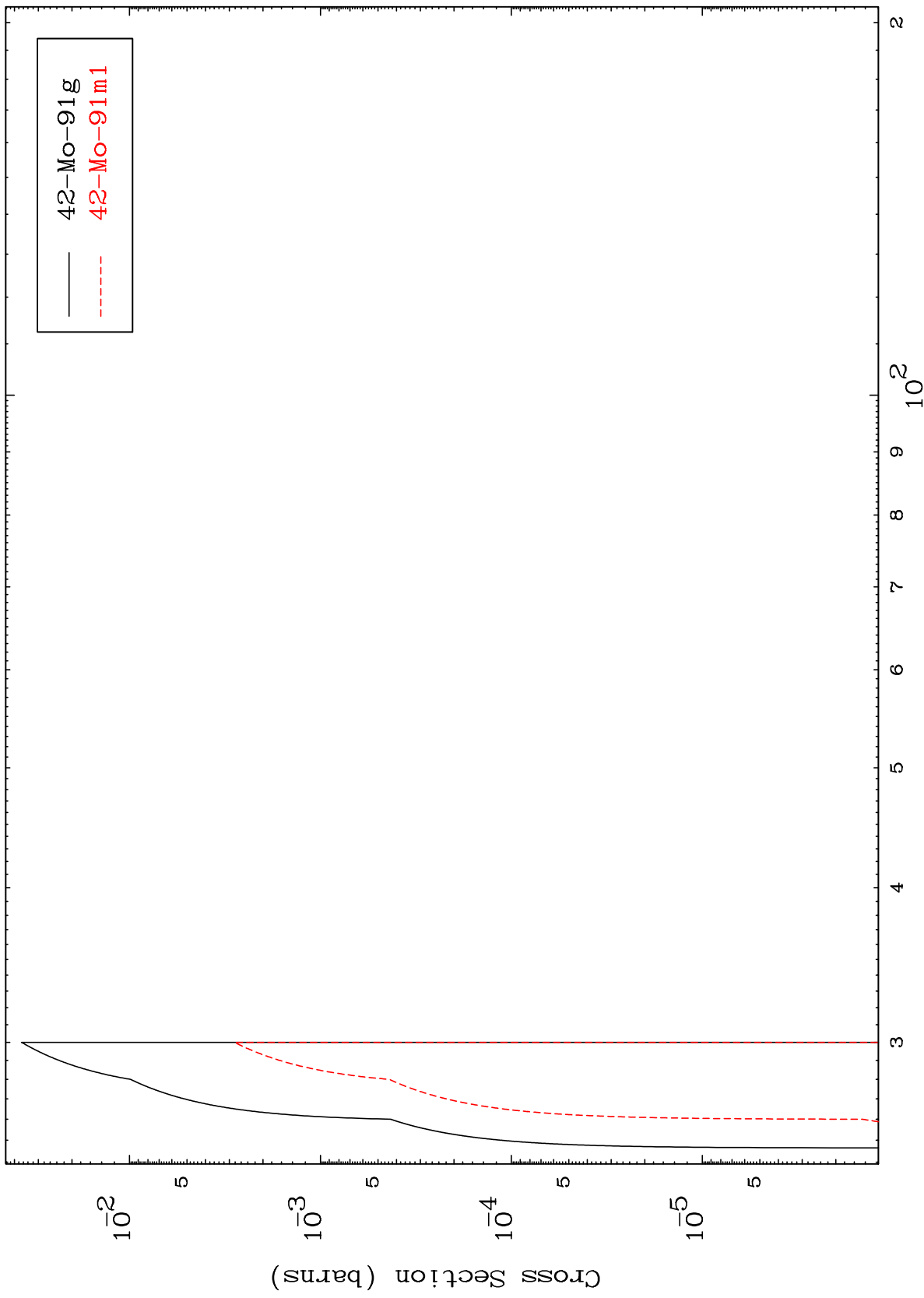
Incident Energy (MeV)

41-Nb-93m

MAT 4126

41-Nb-93m

(n,4n)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

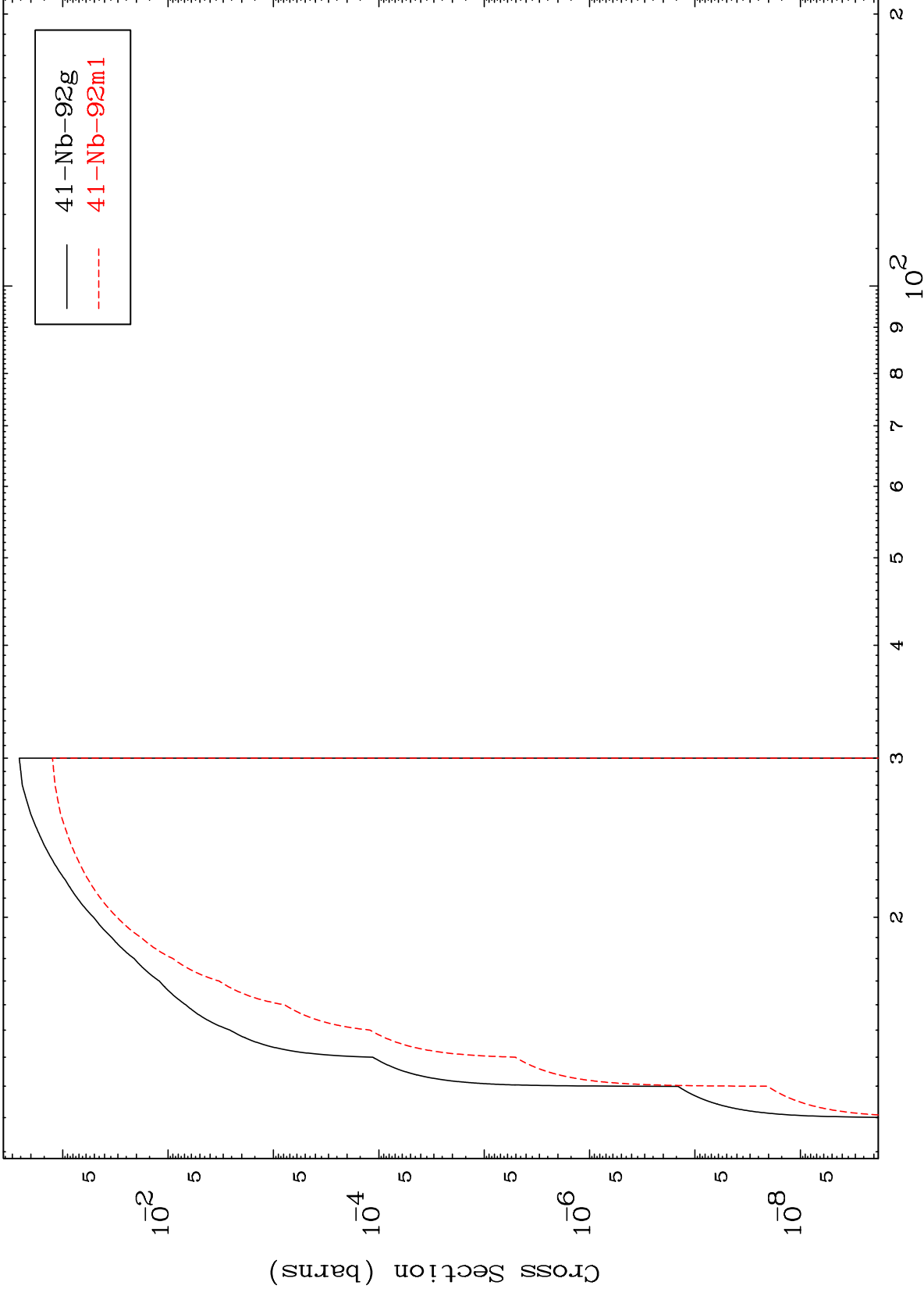
41-Nb-93m

MAT 4126

(n,2n) p

41-Nb-93m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

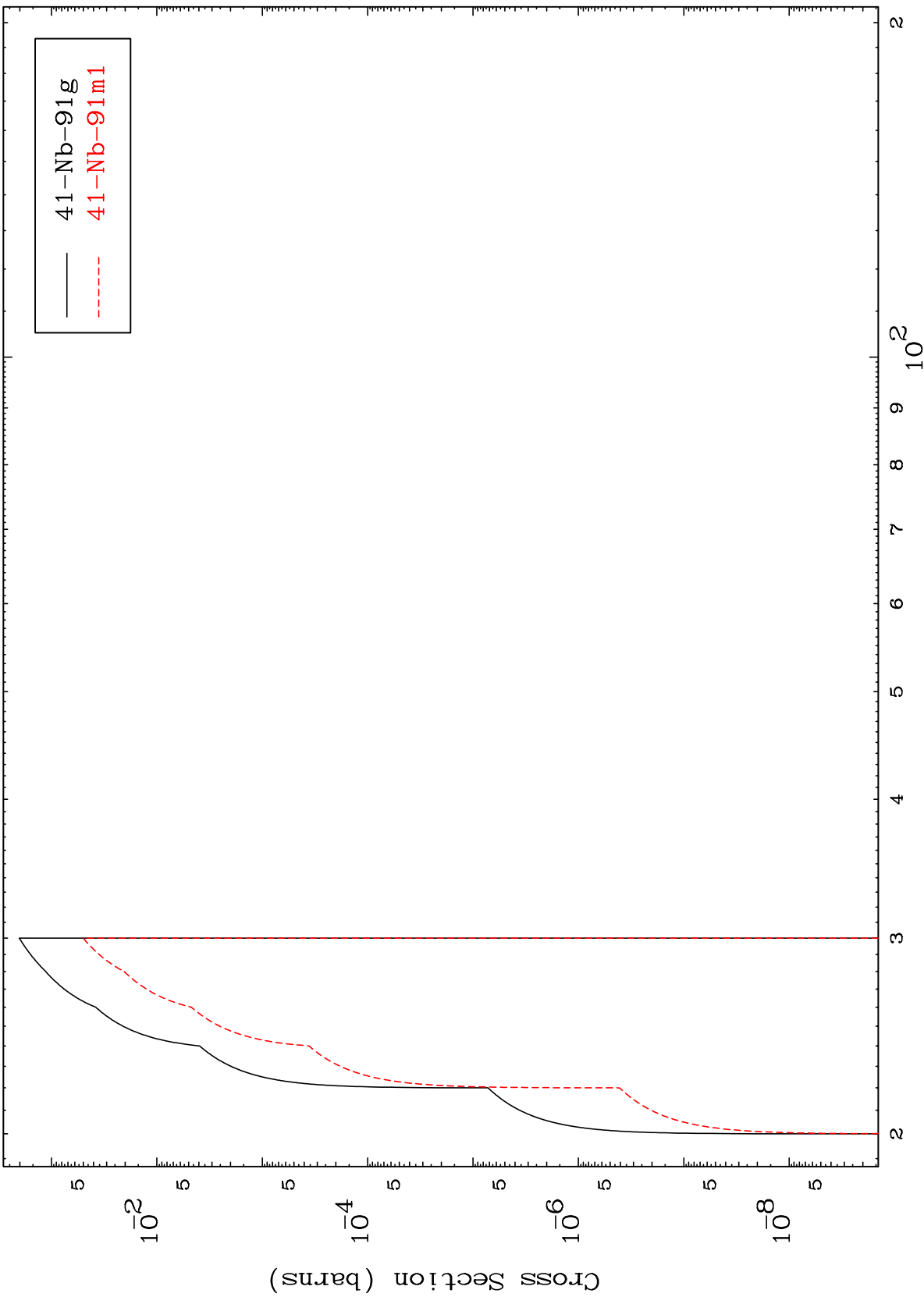
41-Nb-93m

MAT 4126

(n,3n) p

41-Nb-93m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

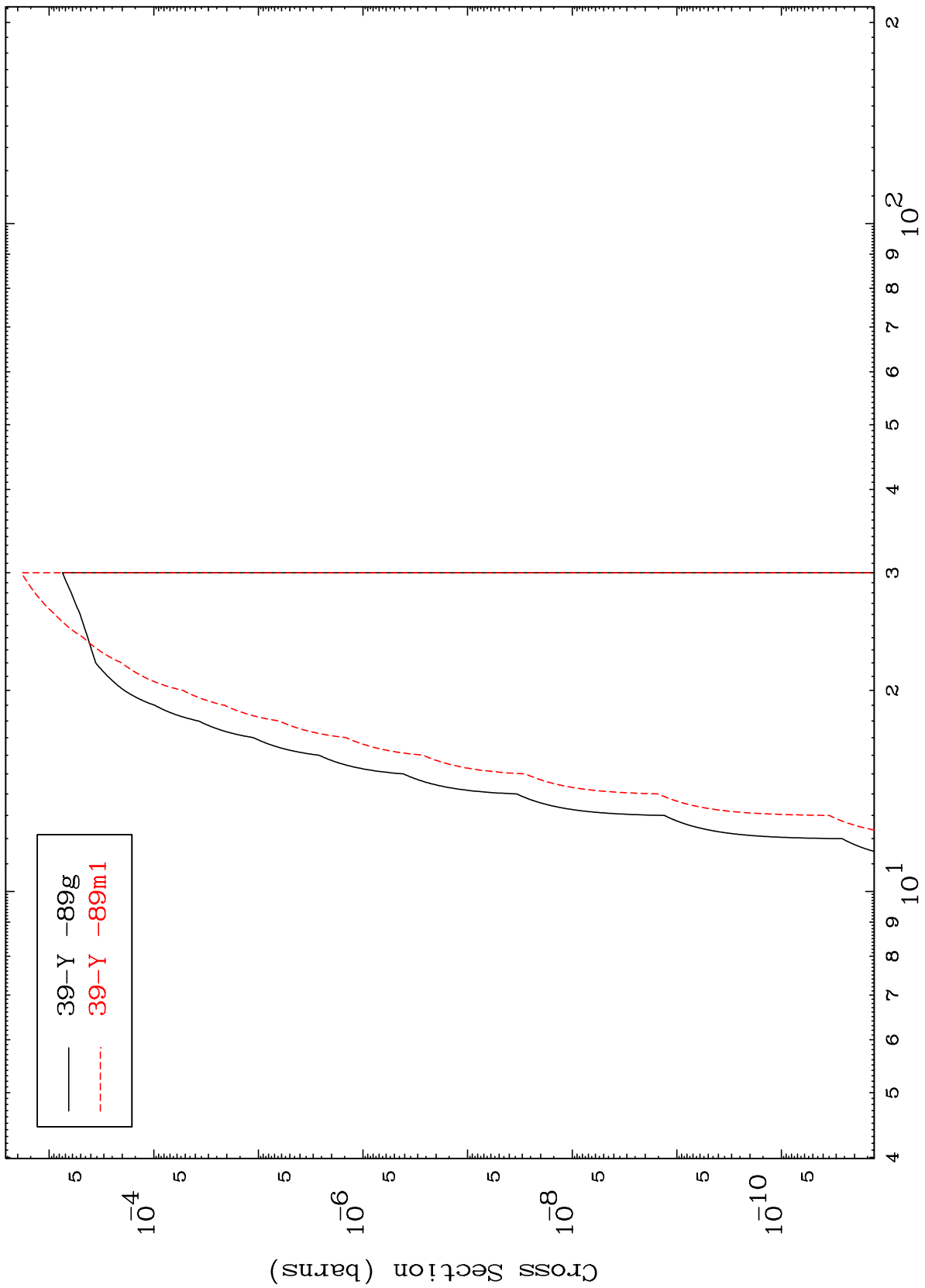
41-Nb-93m

MAT 4126

(n,n') p  $\alpha$

41-Nb-93m

Radionuclide Production Cross Section



22

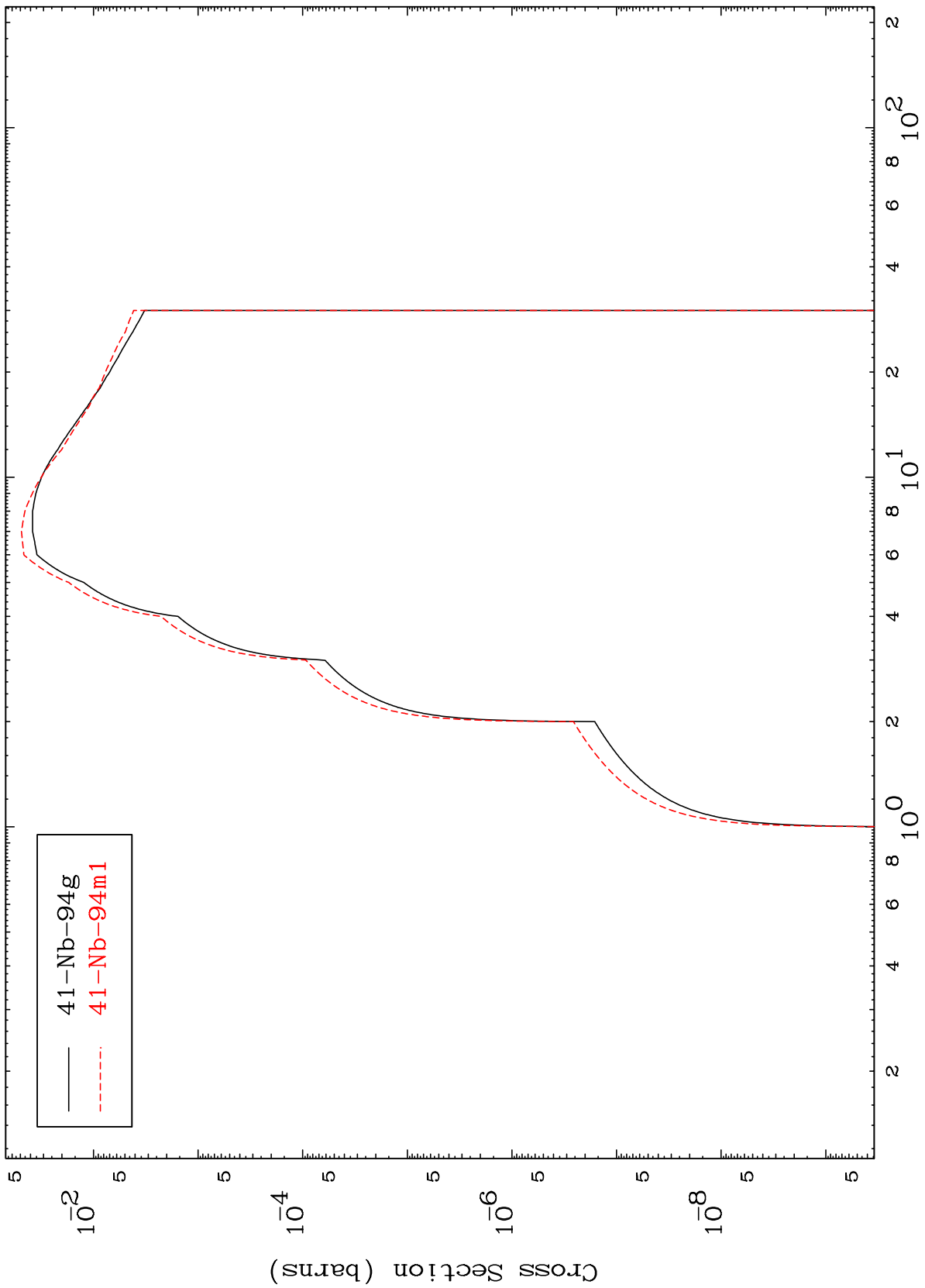
Incident Energy (MeV)

41-Nb-93m

MAT 4126

41-Nb-93m

(n,p)  
Radionuclide Production Cross Section



41-Nb-93m

Incident Energy (MeV)

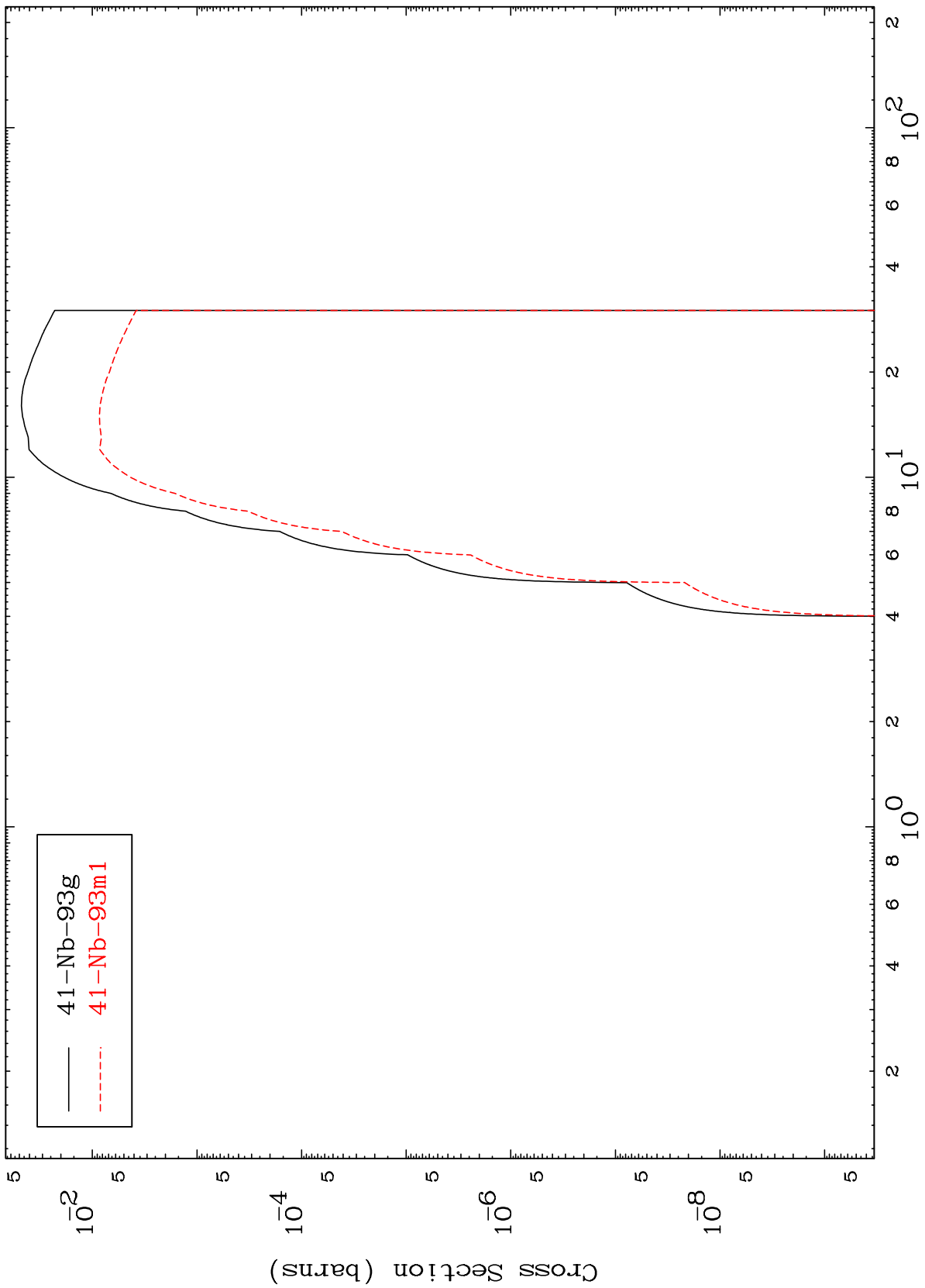
23



MAT 4126

41-Nb-93m

(n,d)  
Radionuclide Production Cross Section



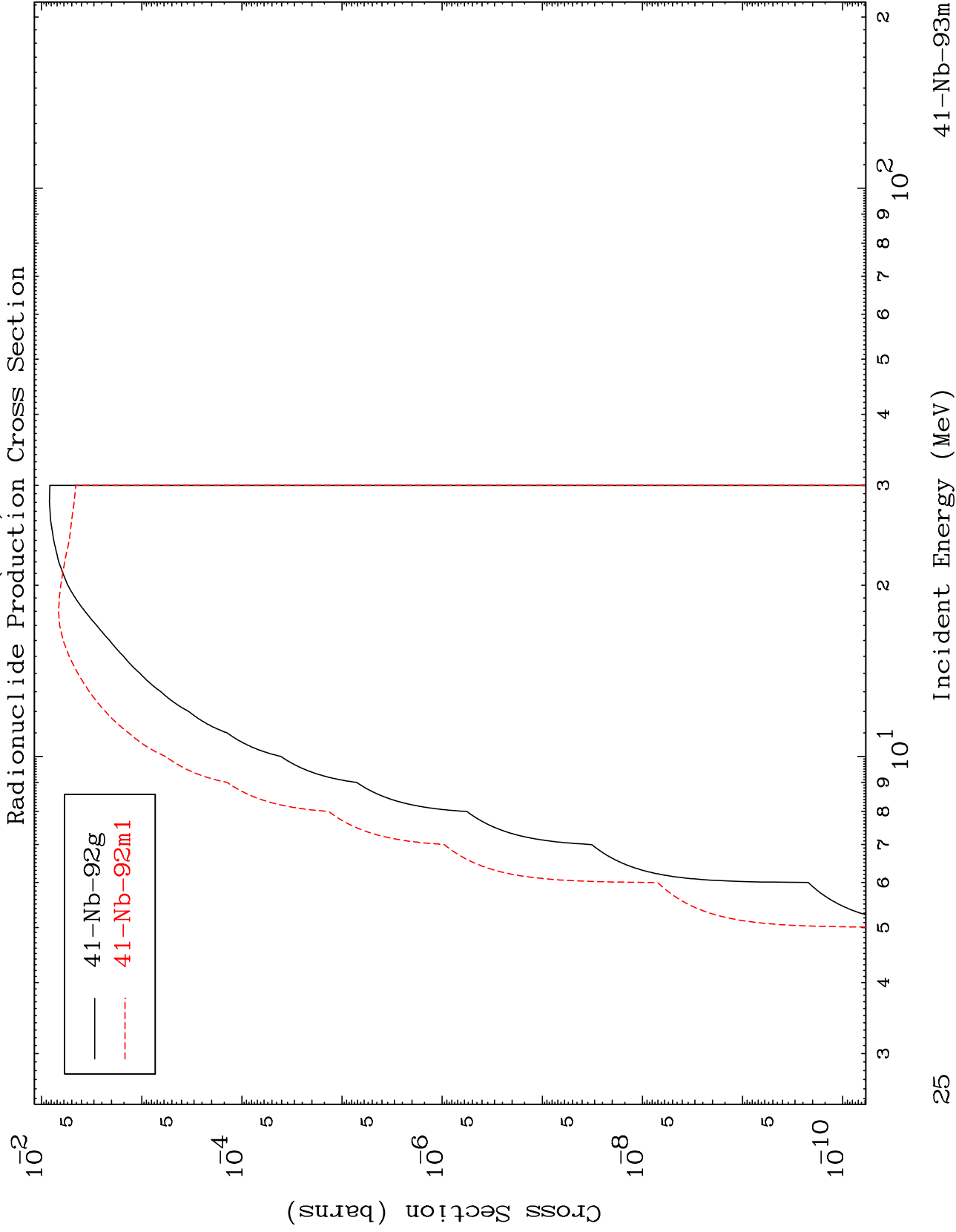
41-Nb-93m

Incident Energy (MeV)

24

MAT 4126

41-Nb-93m



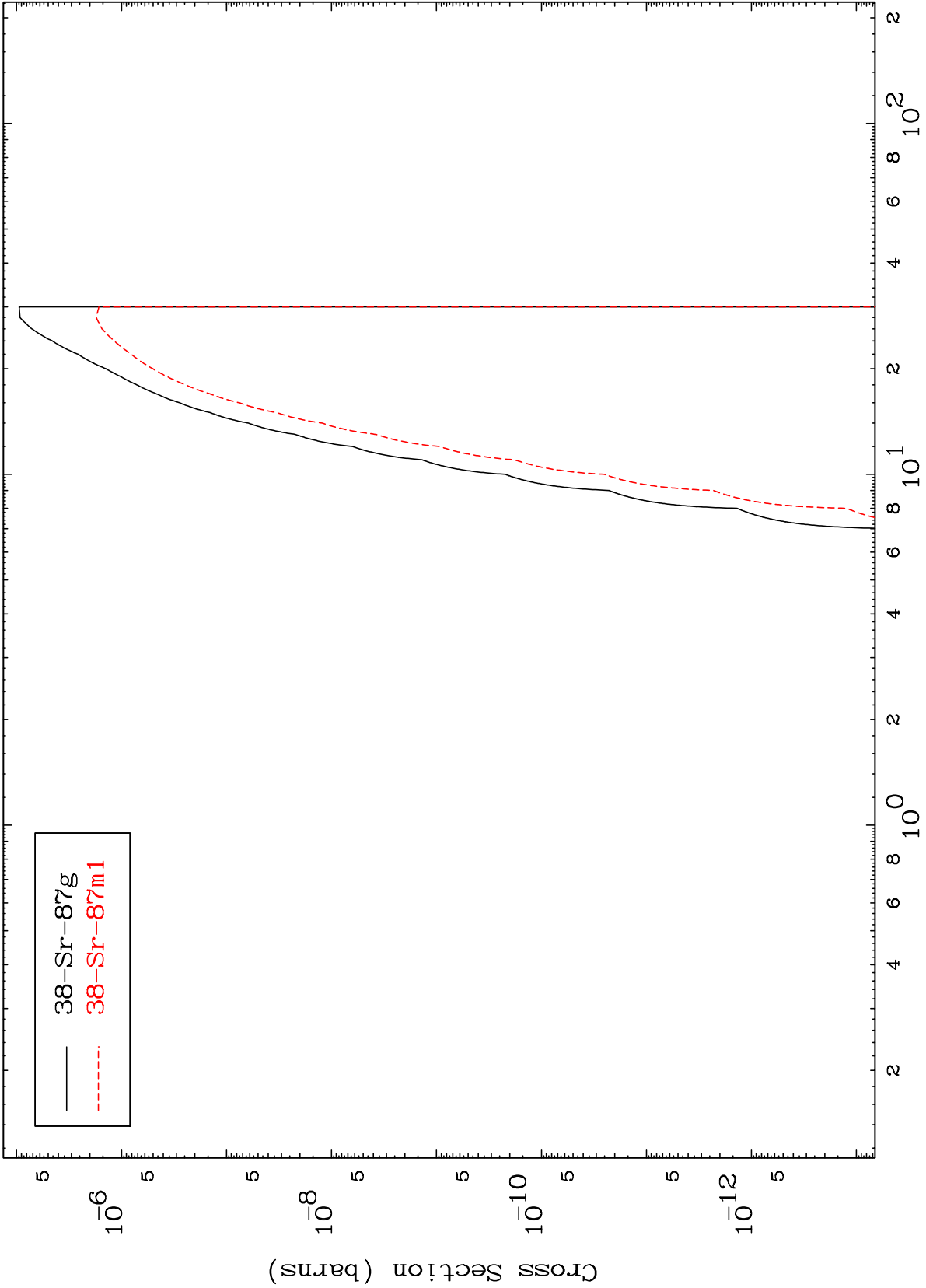
25

MAT 4126

(n,2α)

41-Nb-93m

Radionuclide Production Cross Section

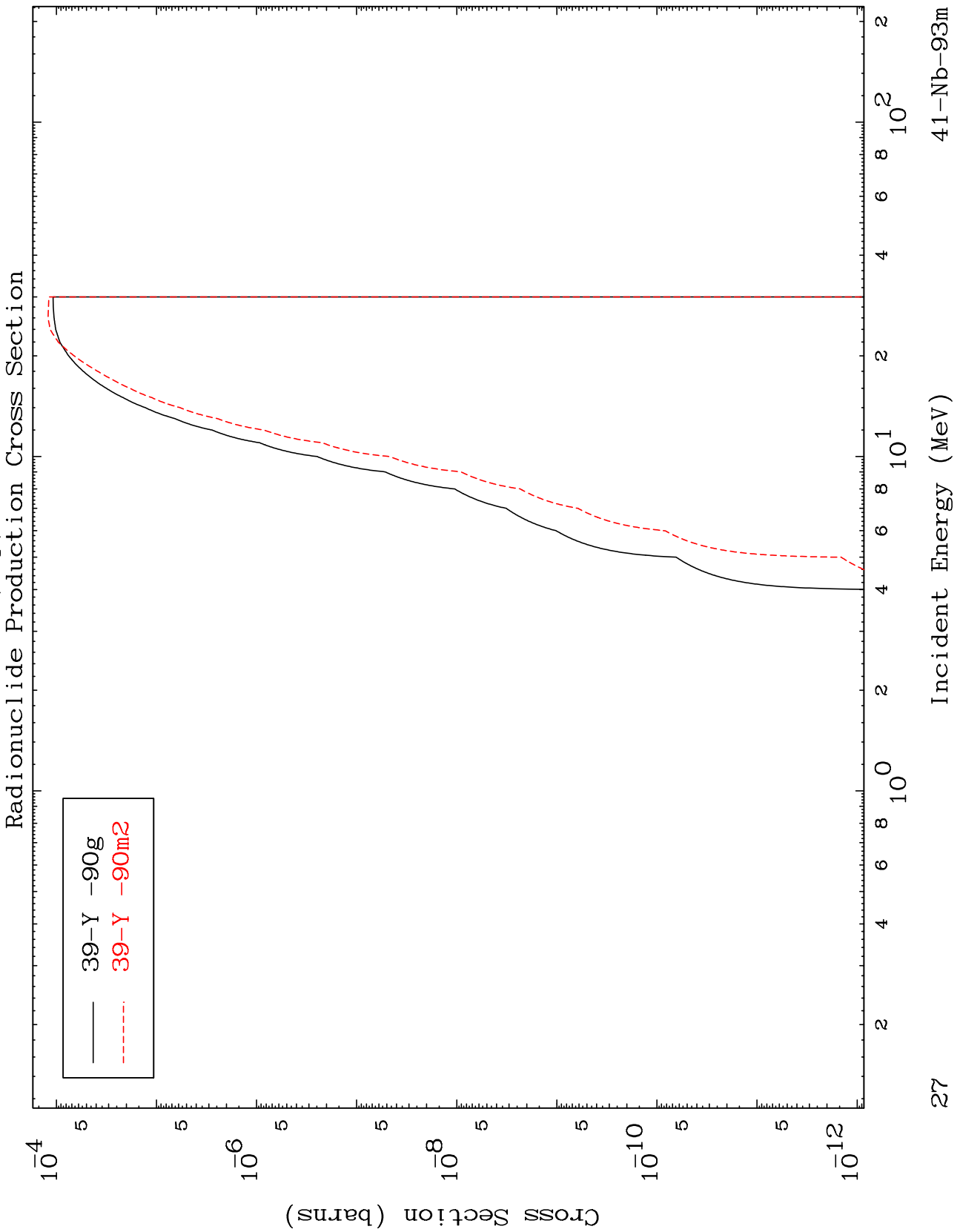


— 38-Sr-87g  
- - - 38-Sr-87m1

MAT 4126

(n,p)  $\alpha$

41-Nb-93m

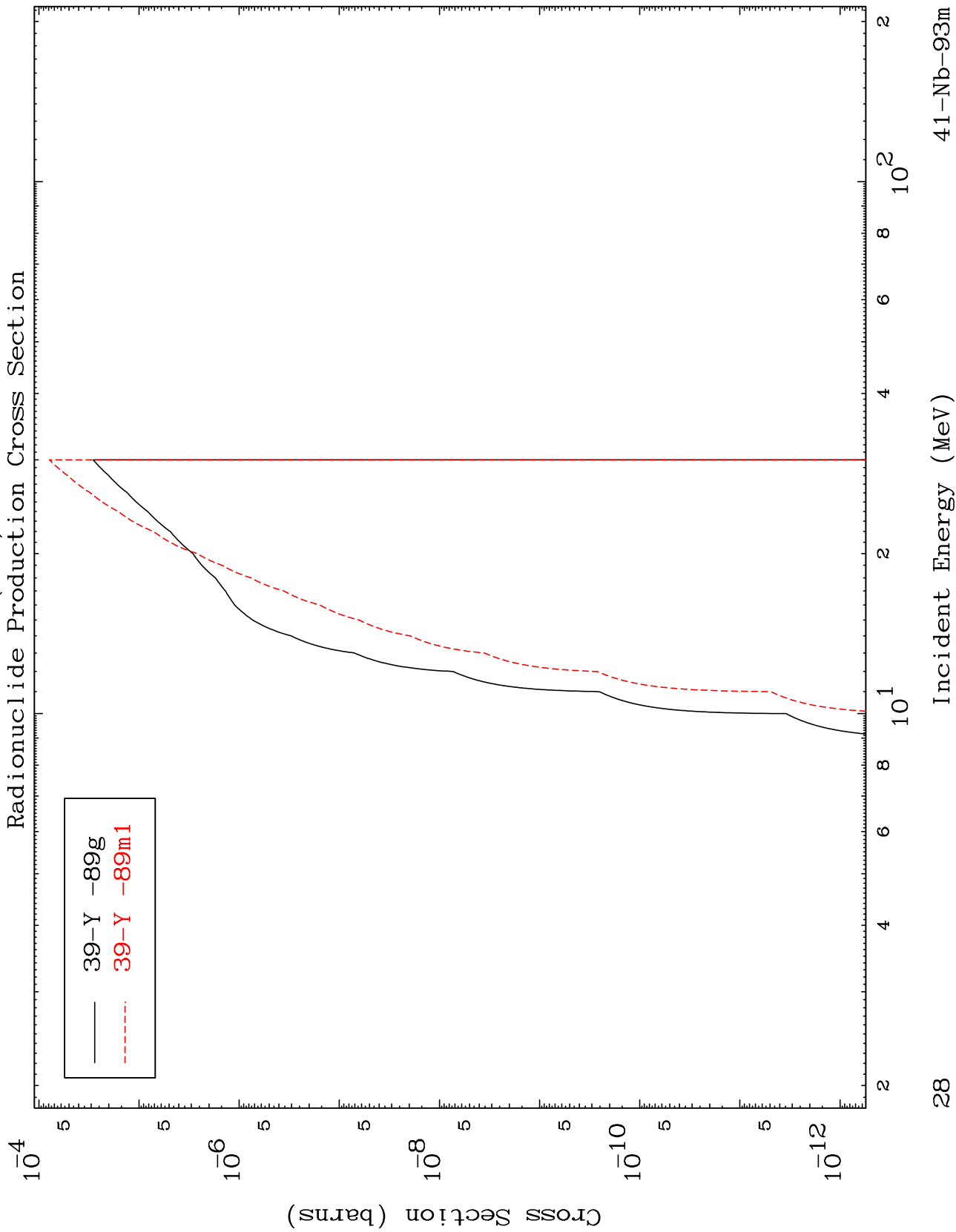


39-Y -90g  
39-Y -90m2

MAT 4126

(n,d)  $\alpha$

41-Nb-93m



39-Y -89g  
39-Y -89m1