

Program EVALPLOT  
(Version 2021-1)

by

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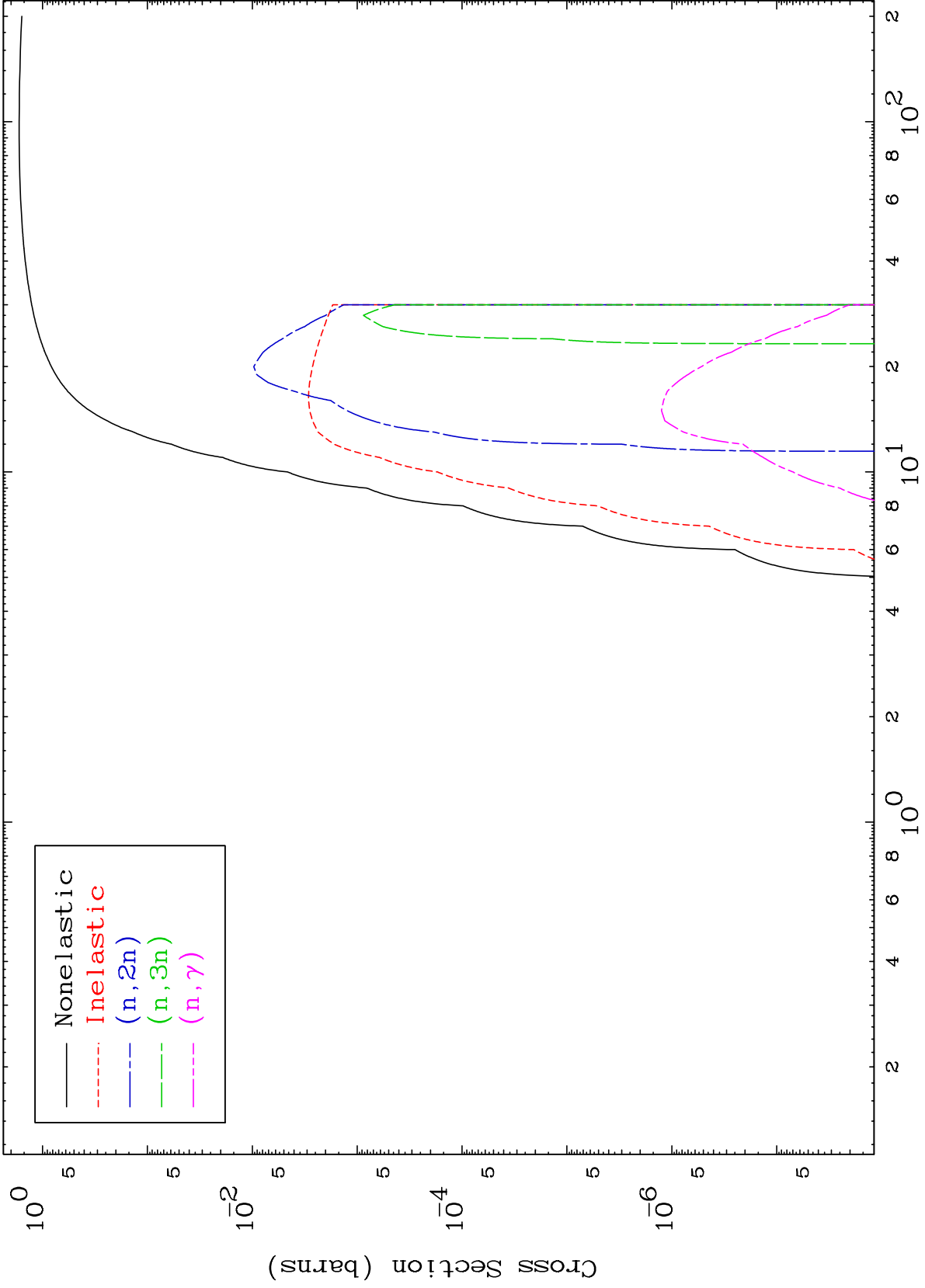
Press Mouse Button to Start

MAT 4114

He-3 Major

41-Nb-89m

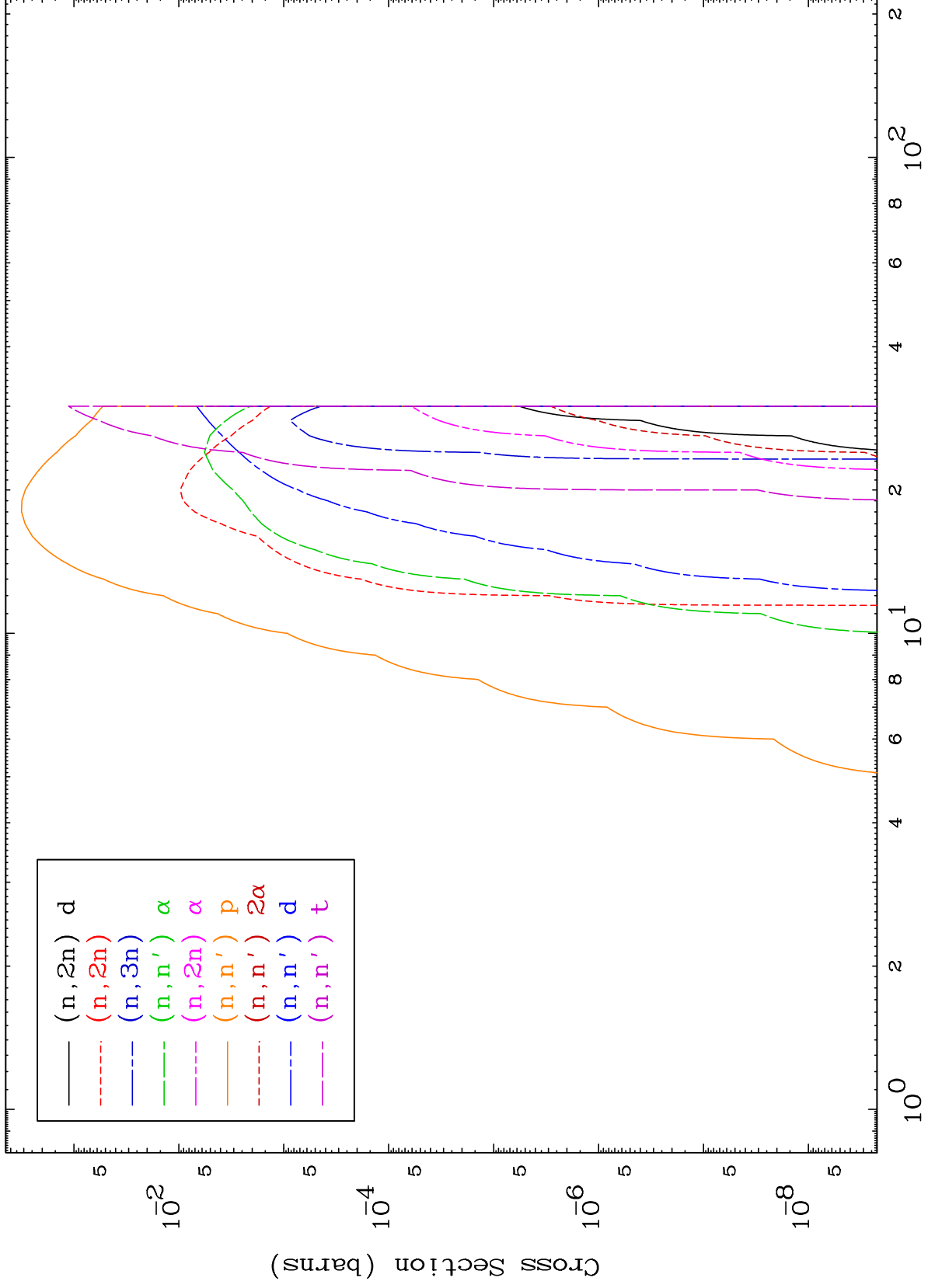
0 Kelvin Cross Sections



MAT 4114

He-3 Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-89m



—	(n, 2n) d
- - -	(n, 2n)
- · - ·	(n, 3n)
- · - · - ·	(n, n') $\alpha$
- - -	(n, 2n) $\alpha$
—	(n, n') p
- - -	(n, n') $2\alpha$
- · - ·	(n, n') d
- · - · - ·	(n, n') t

41-Nb-89m

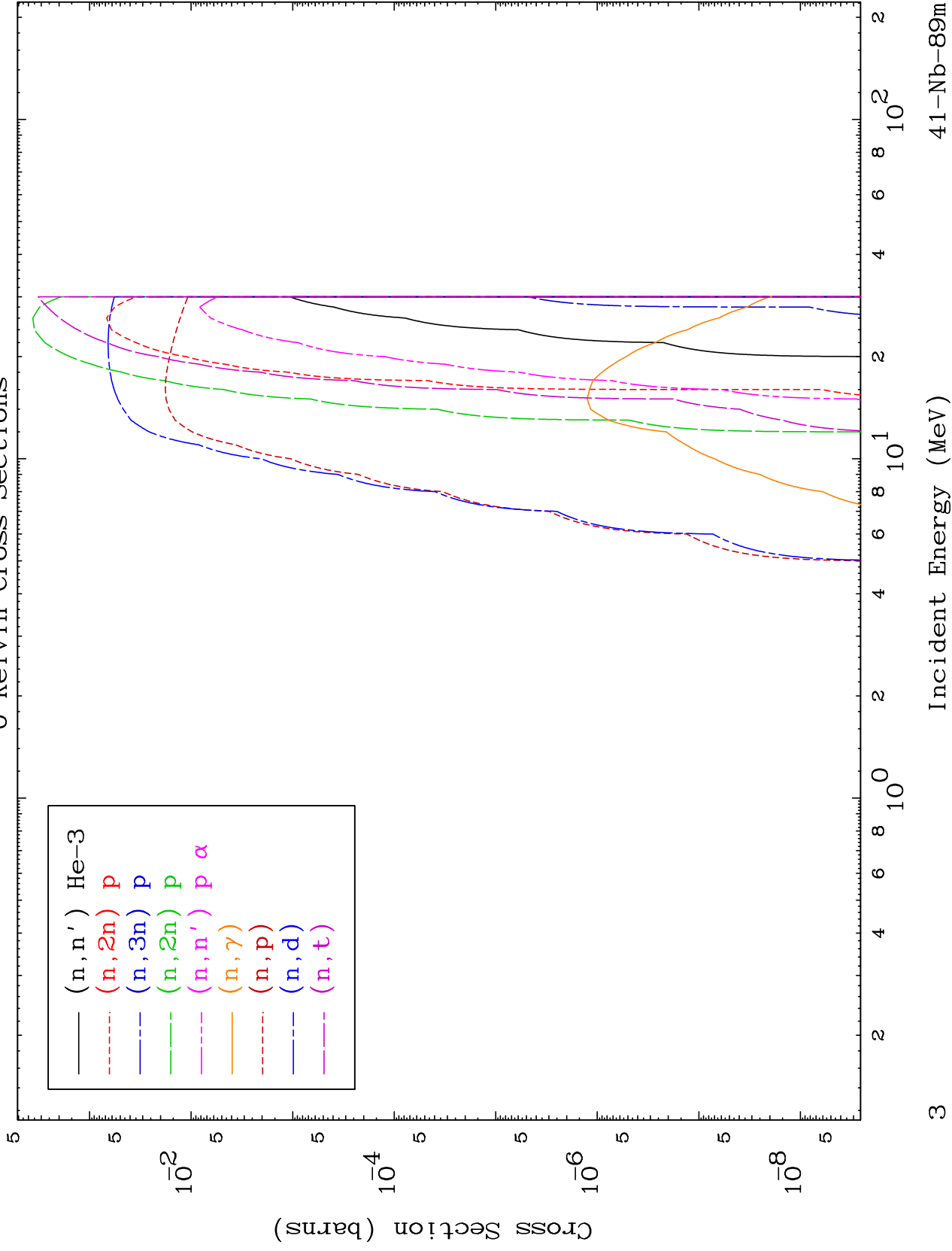
Incident Energy (MeV)

2

MAT 4114

He-3 Neutron Absorption  
0 Kelvin Cross Sections

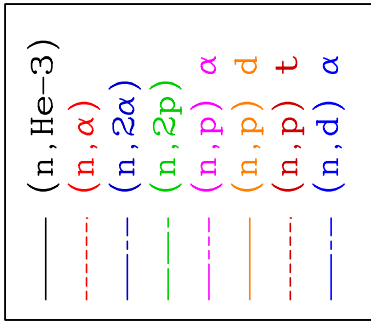
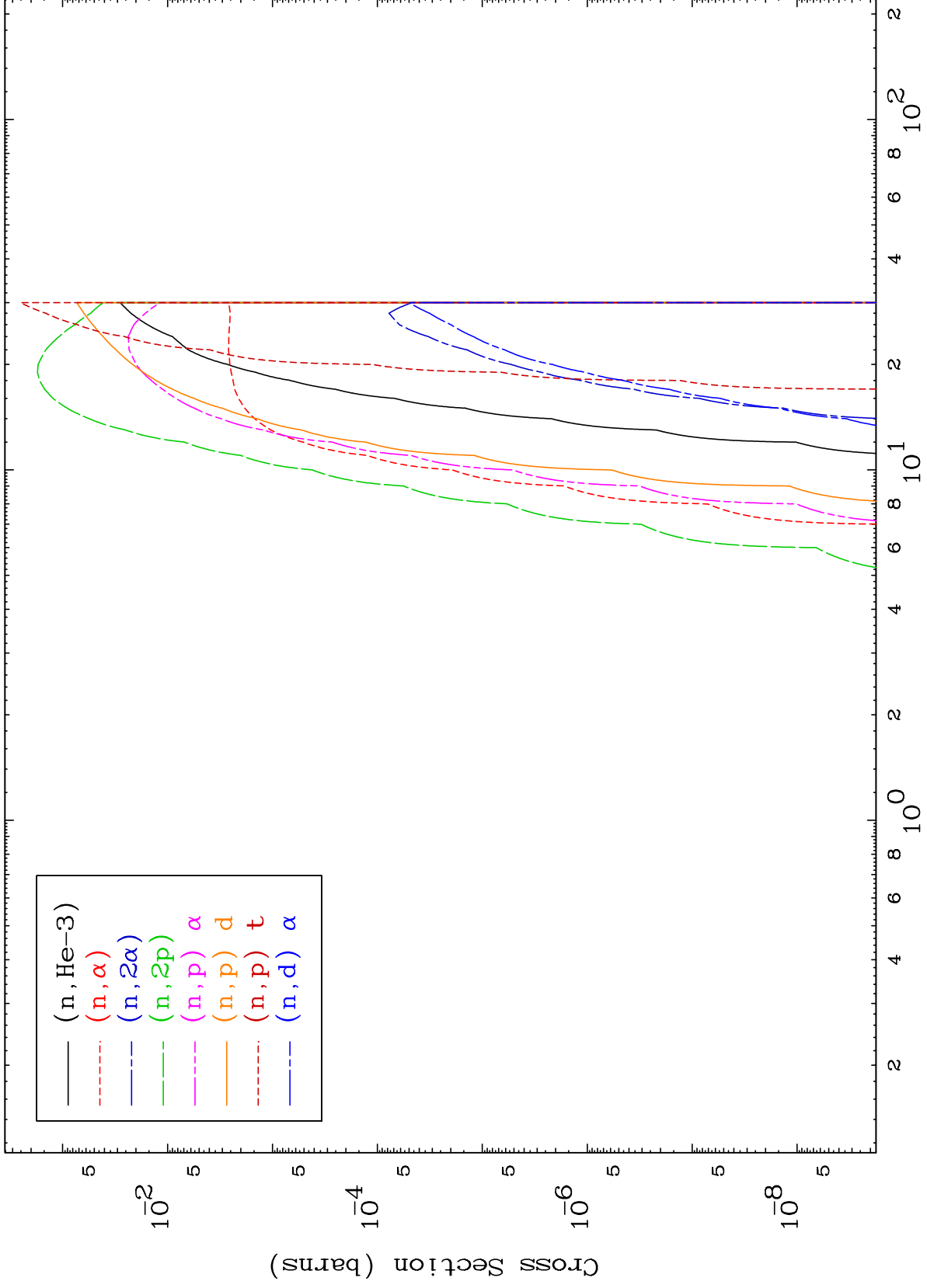
41-Nb-89m



MAT 4114

He-3 Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-89m



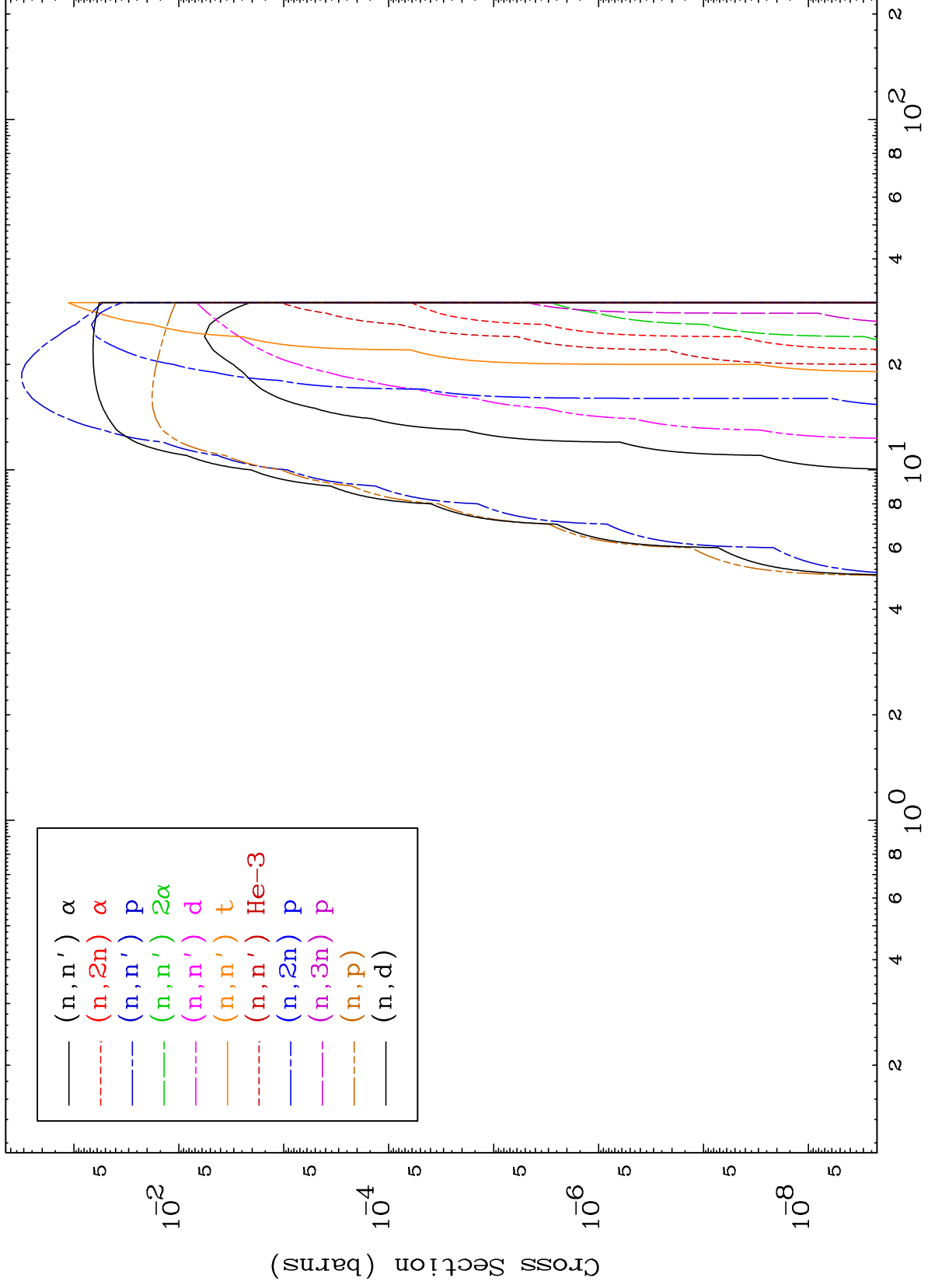
41-Nb-89m

Incident Energy (MeV)

MAT 4114

He-3 Charged Particle  
0 Kelvin Cross Sections

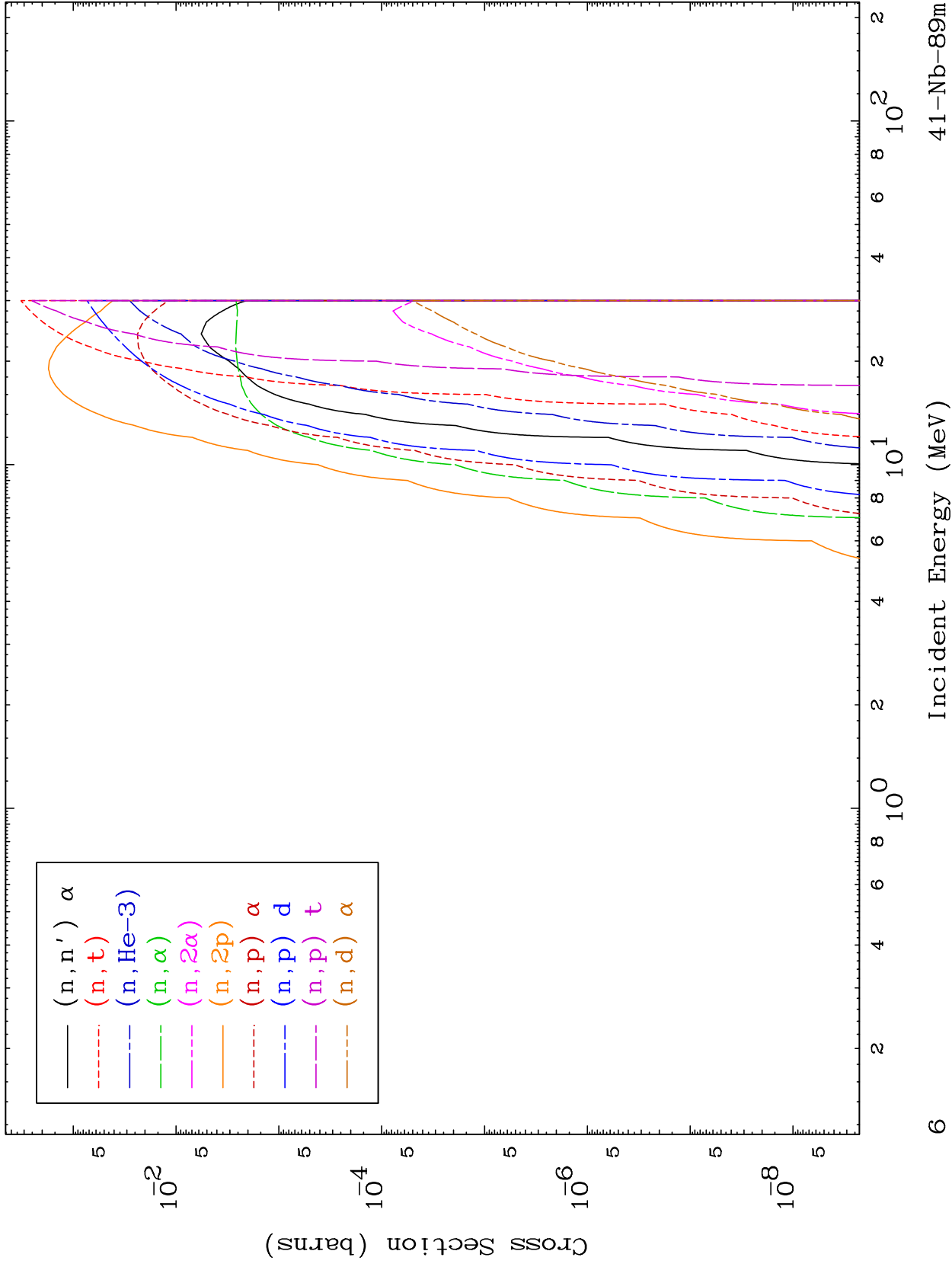
41-Nb-89m



MAT 4114

He-3 Charged Particle  
0 Kelvin Cross Sections

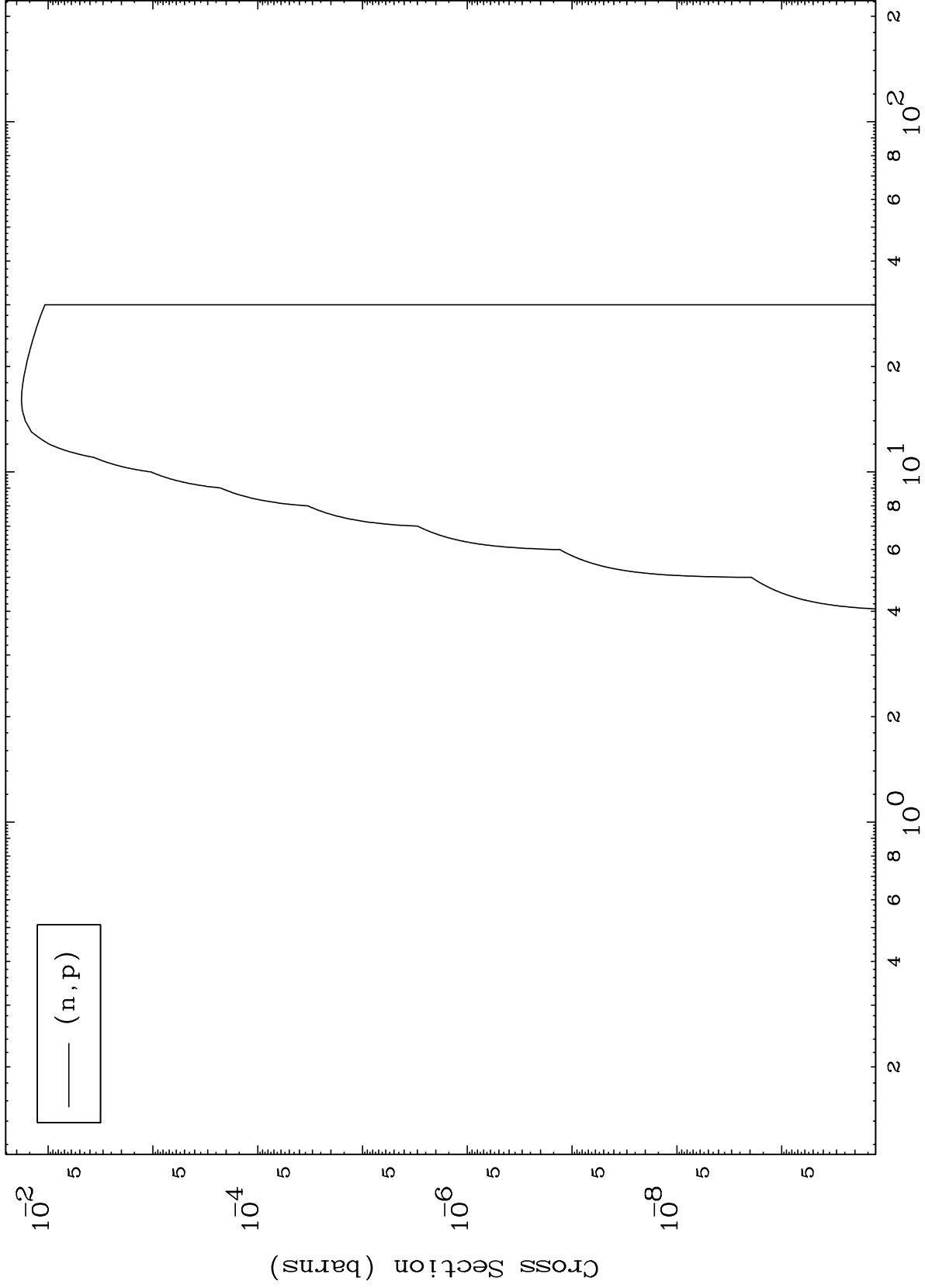
41-Nb-89m



MAT 4114

41-Nb-89m

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



7

Incident Energy (MeV)

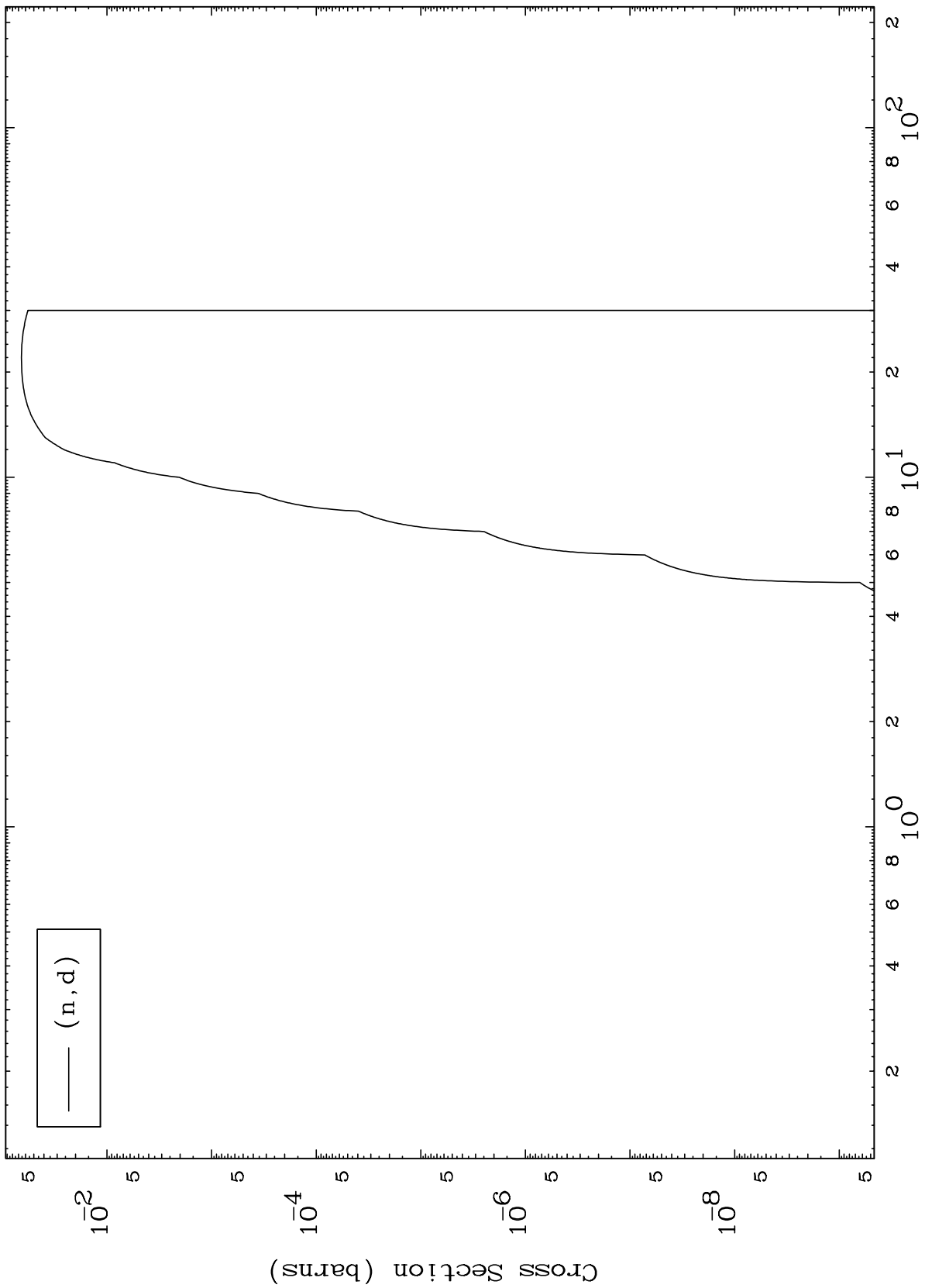
41-Nb-89m

MAT 4114

(He-3,d) Levels

41-Nb-89m

0 Kelvin Cross Sections

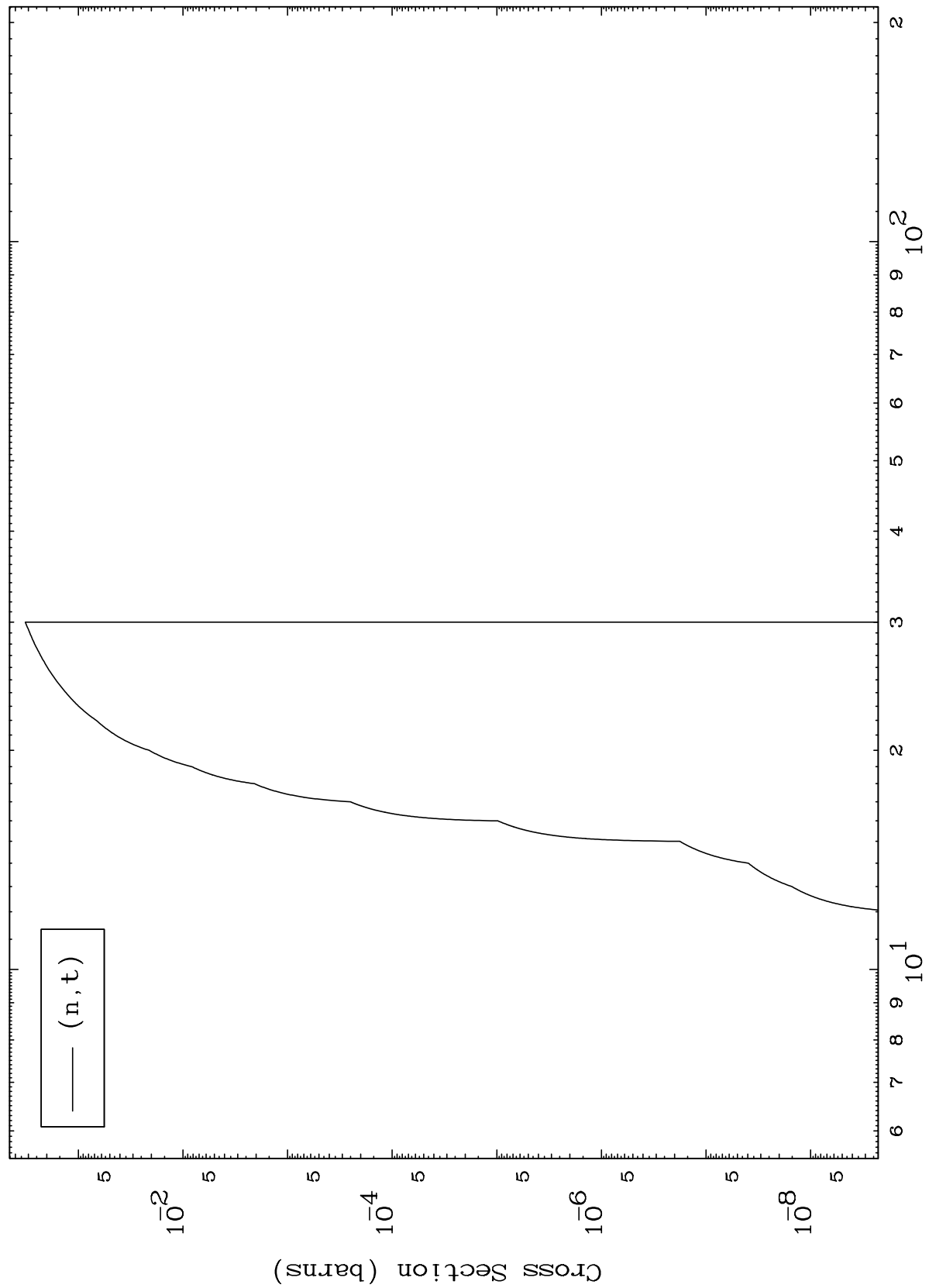


MAT 4114

(He-3,t) Levels

41-Nb-89m

0 Kelvin Cross Sections



(n, t)

9

Incident Energy (MeV)

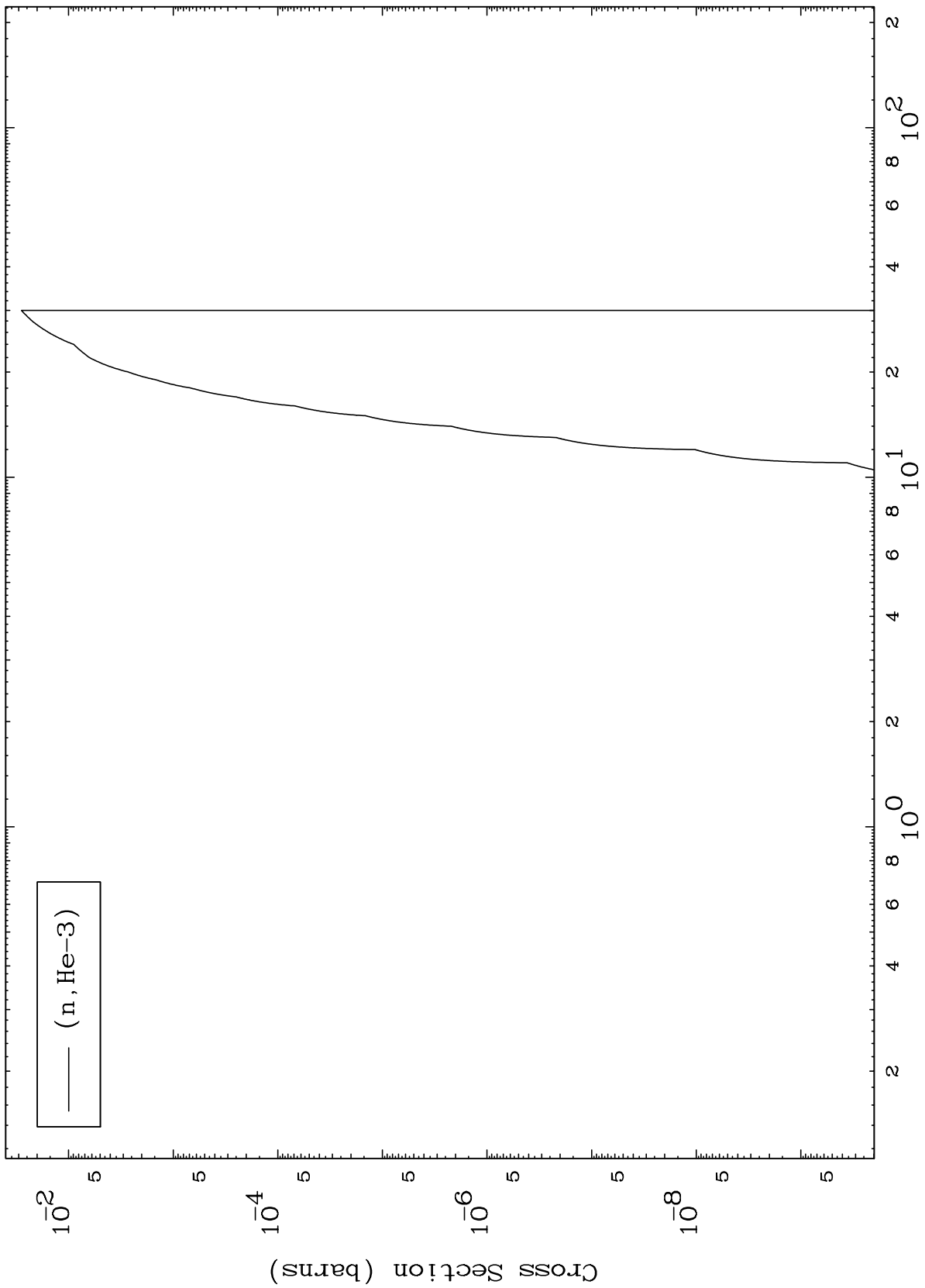
41-Nb-89m

MAT 4114

(He-3, He3) Levels

41-Nb-89m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

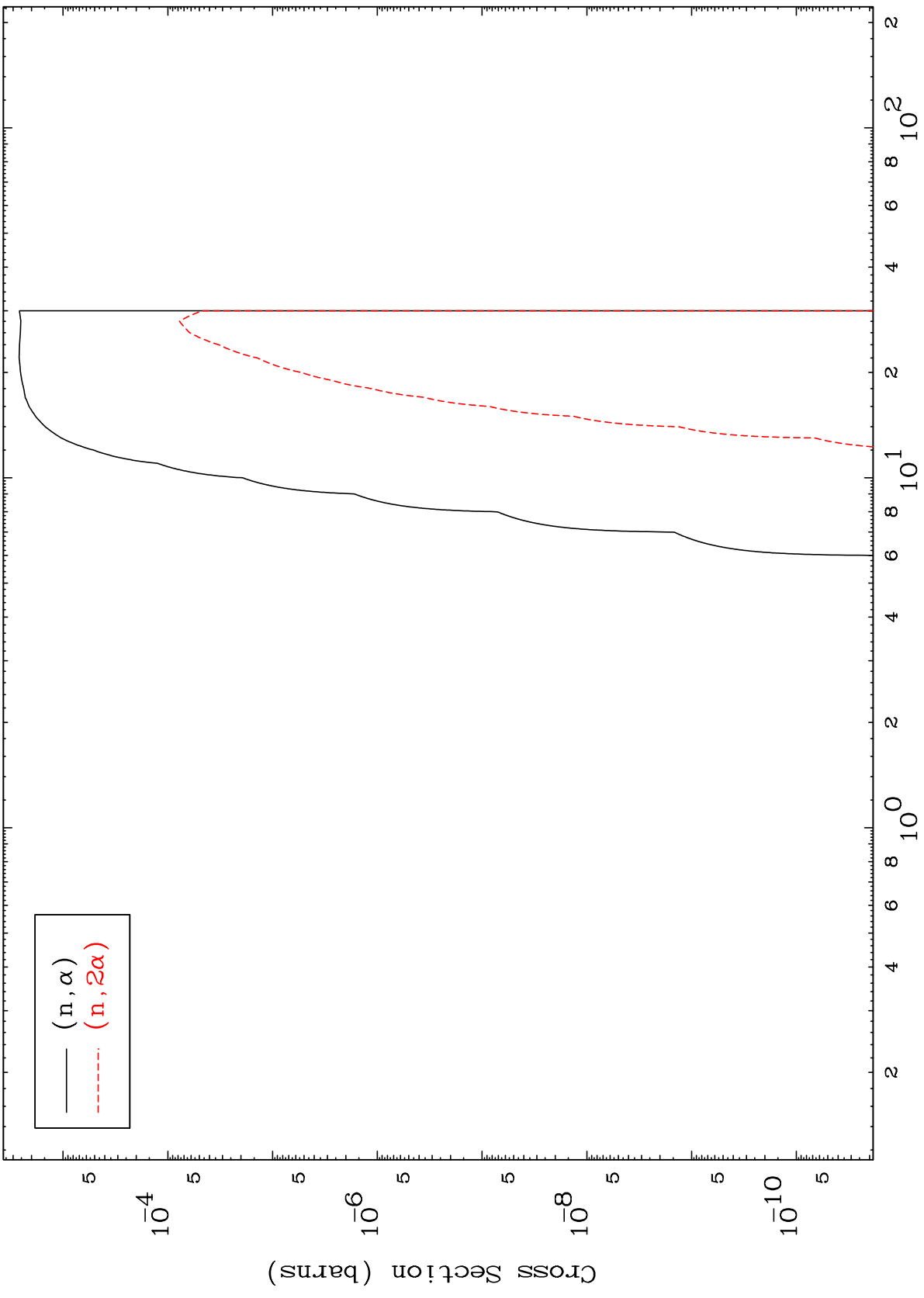
41-Nb-89m

MAT 4114

(He-3,  $\alpha$ ) Levels

41-Nb-89m

0 Kelvin Cross Sections

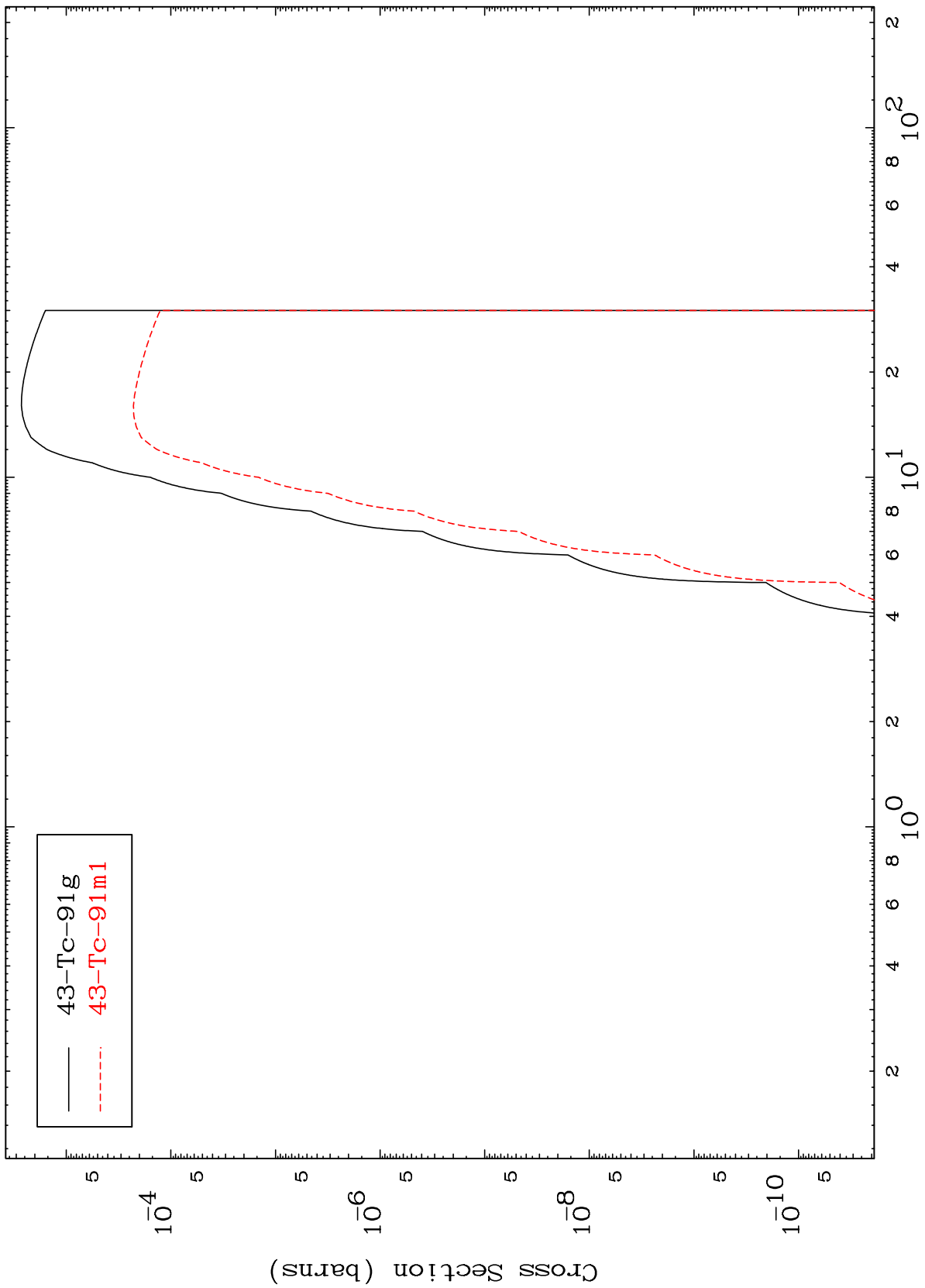


— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

MAT 4114

Radionuclide Production Cross Section

41-Nb-89m



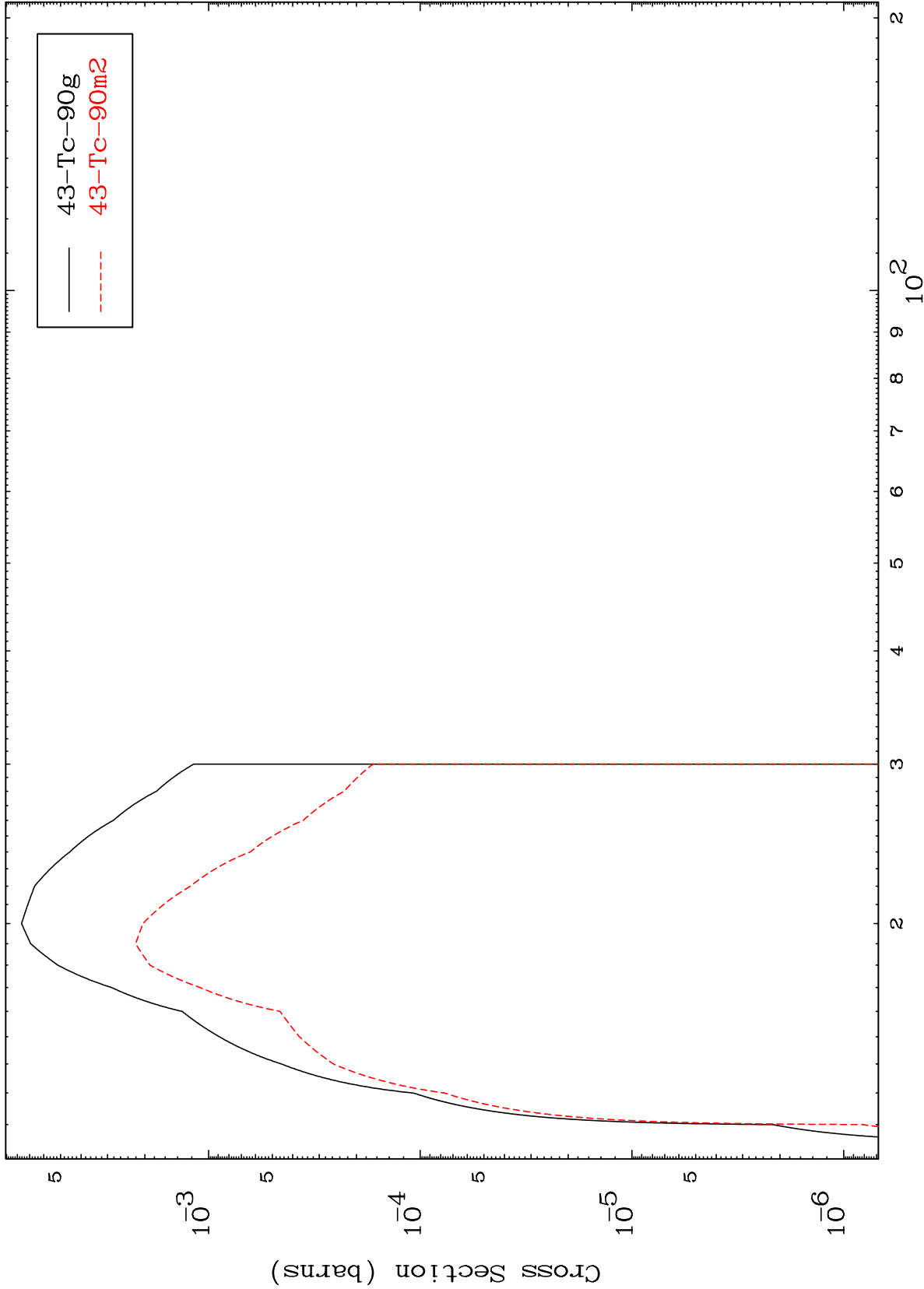
41-Nb-89m

MAT 4114

(n,2n)

41-Nb-89m

Radionuclide Production Cross Section



13

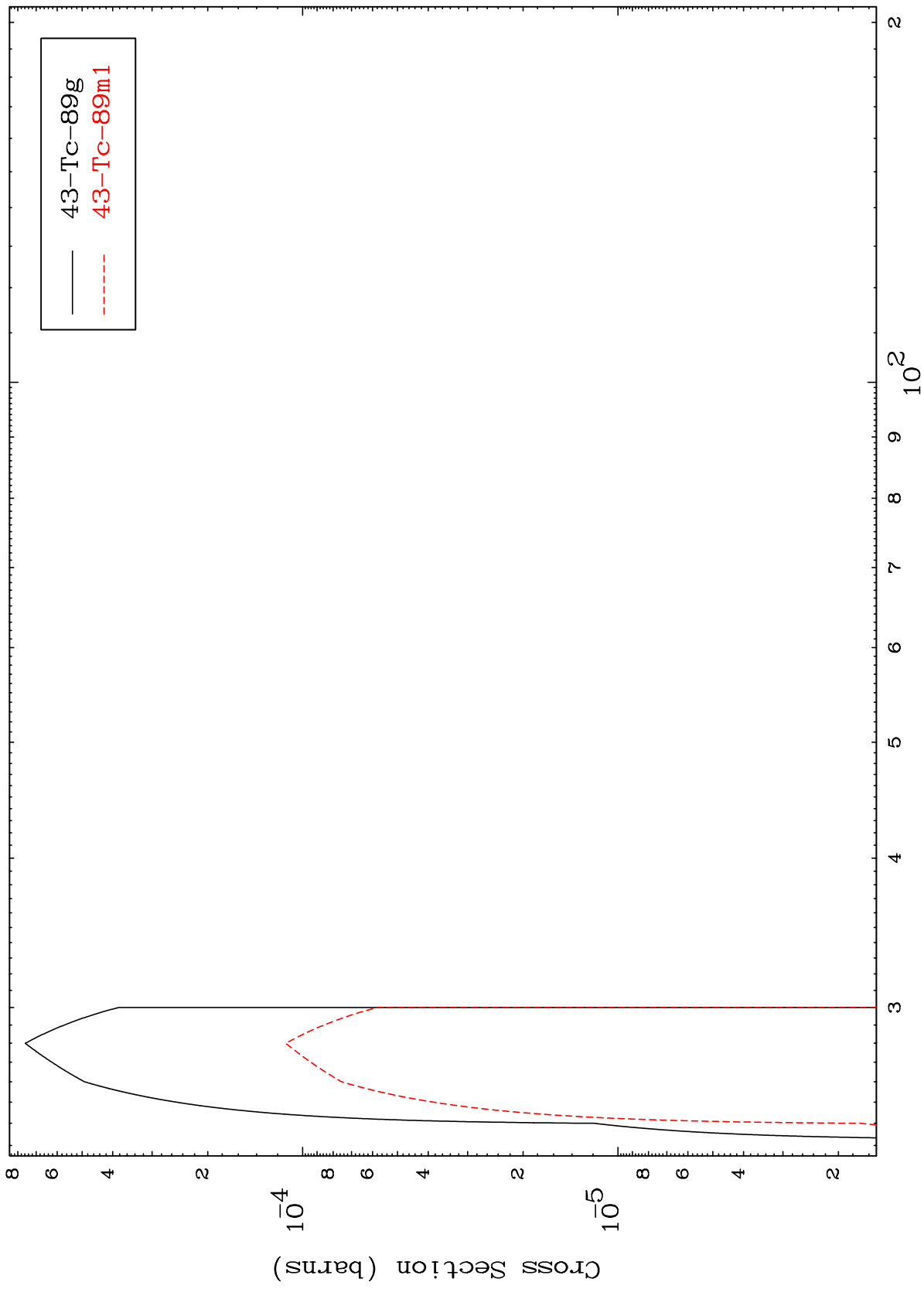
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

(n,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

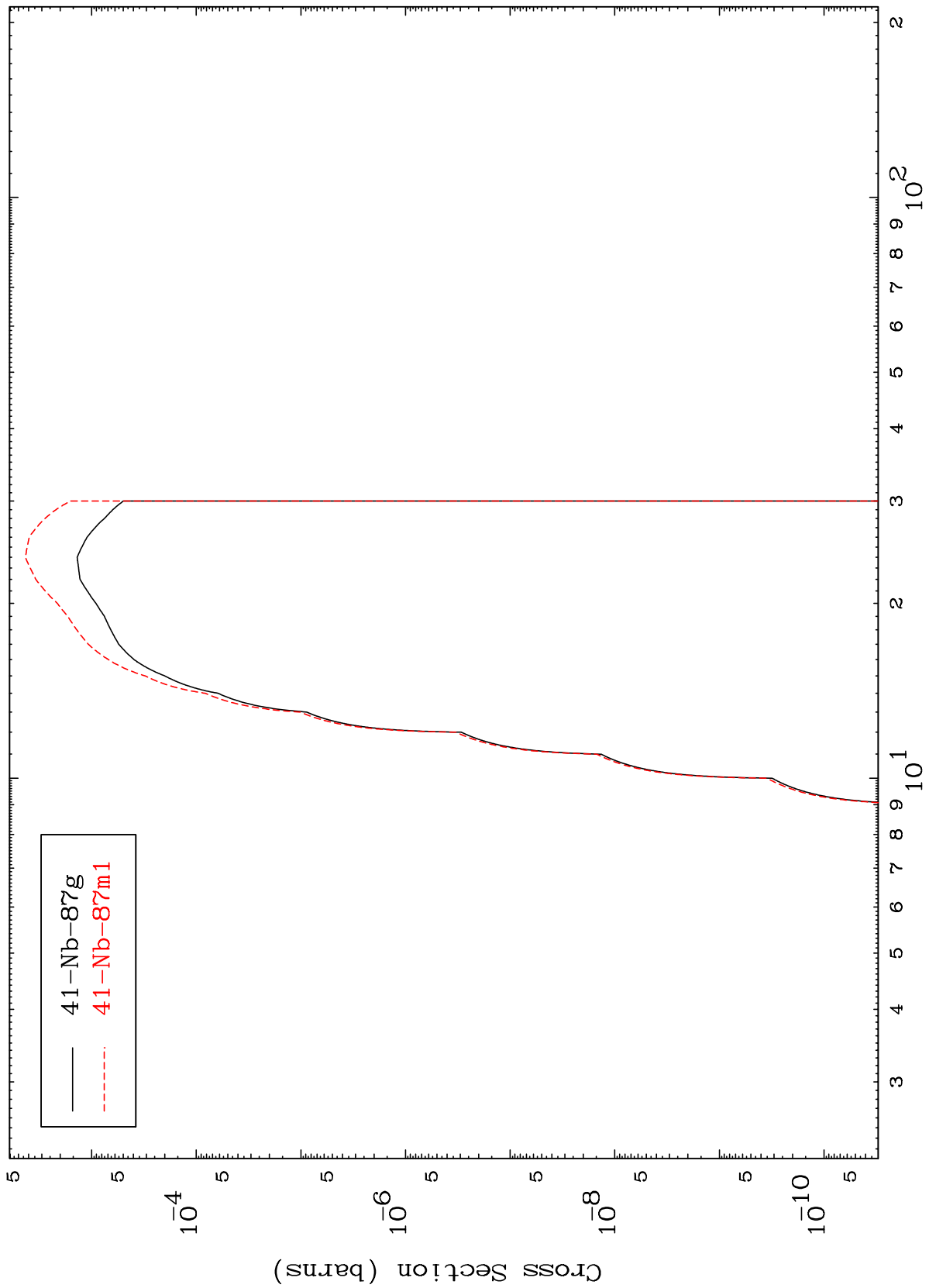
41-Nb-89m

MAT 4114

41-Nb-89m

(n,n')  $\alpha$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

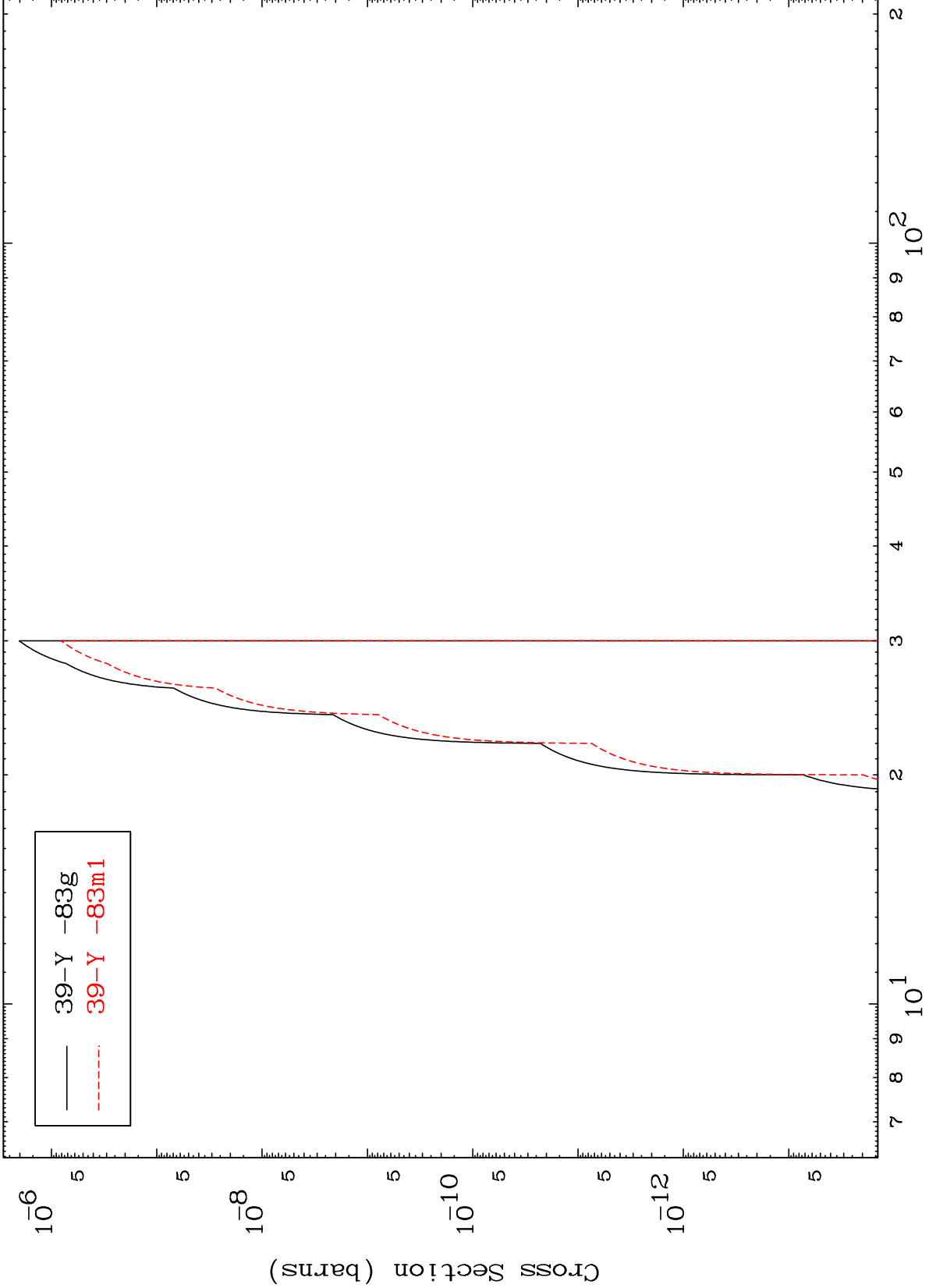
41-Nb-89m

MAT 4114

(n,n') 2α

41-Nb-89m

Radionuclide Production Cross Section

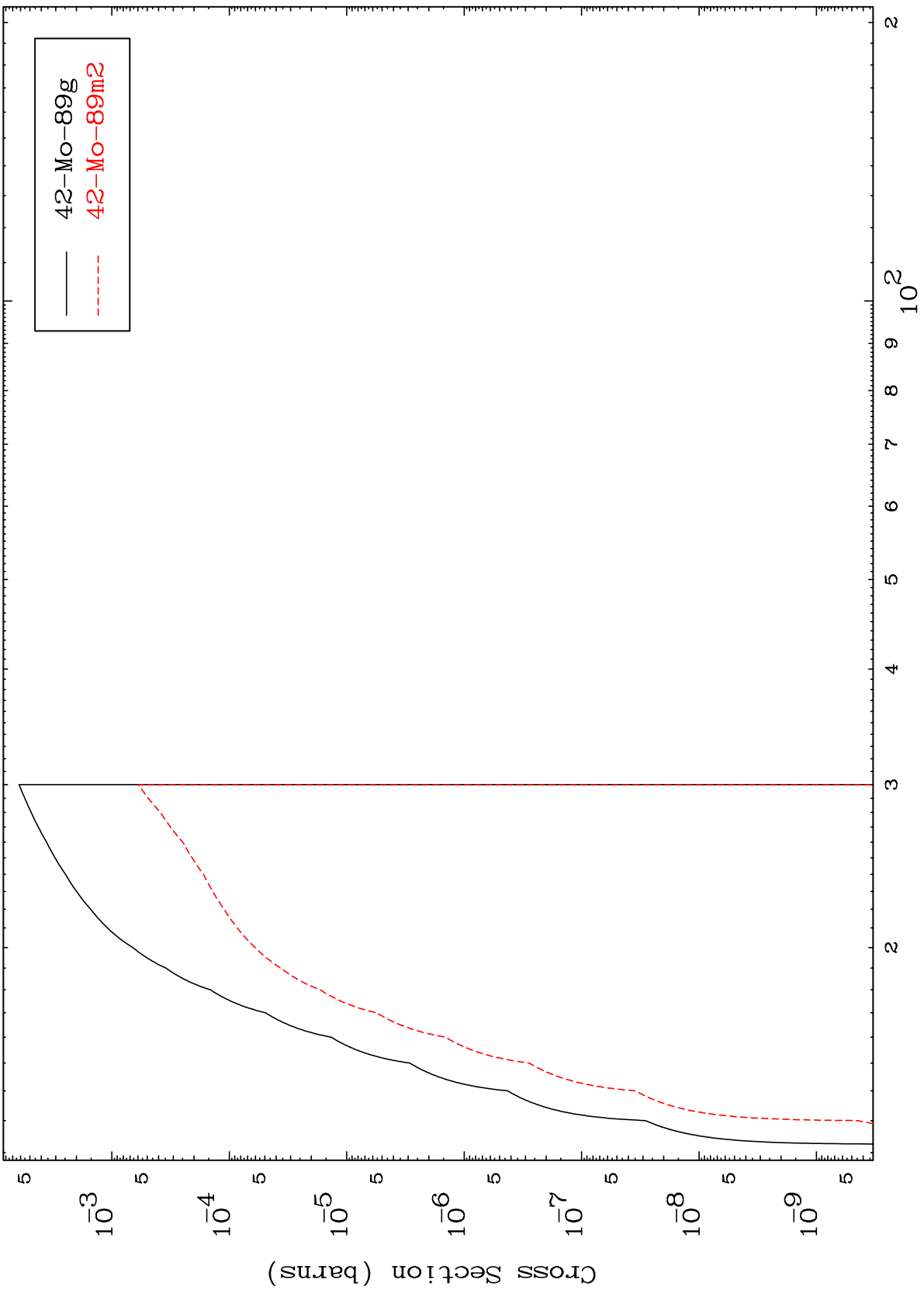


16

Incident Energy (MeV)

41-Nb-89m

Radionuclide Production Cross Section

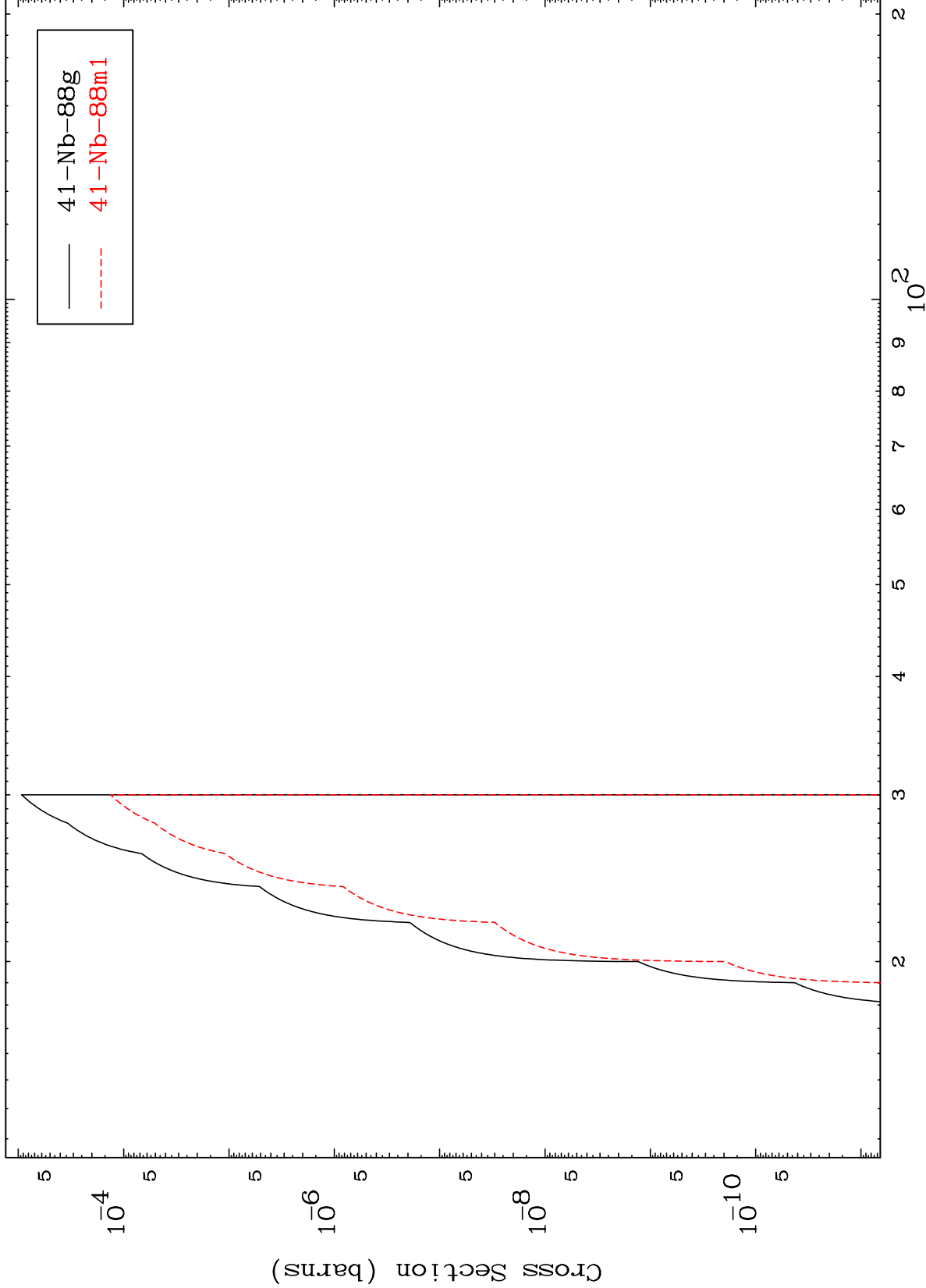


MAT 4114

(n,n') He-3

41-Nb-89m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

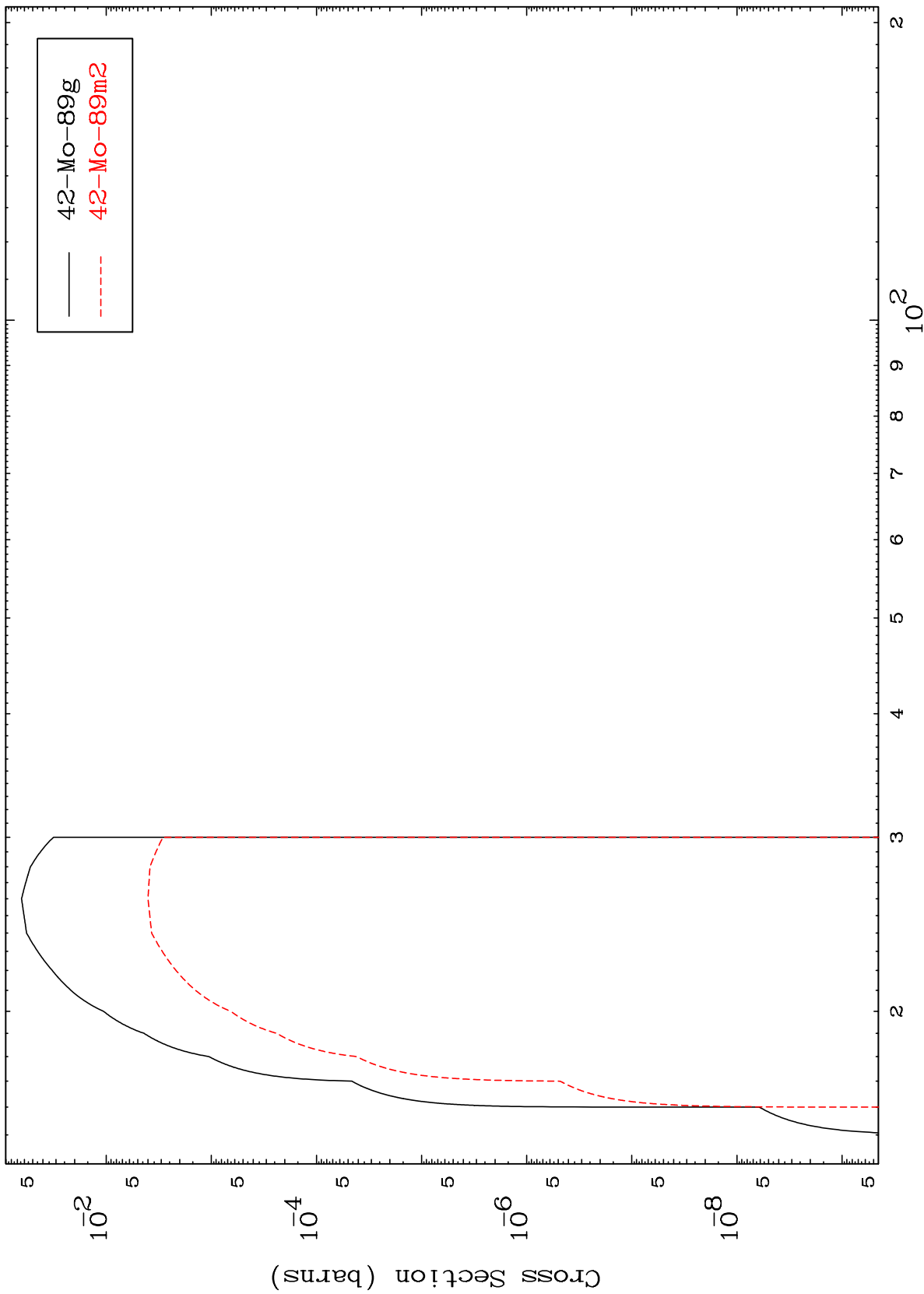
41-Nb-89m

MAT 4114

(n,2n) p

41-Nb-89m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

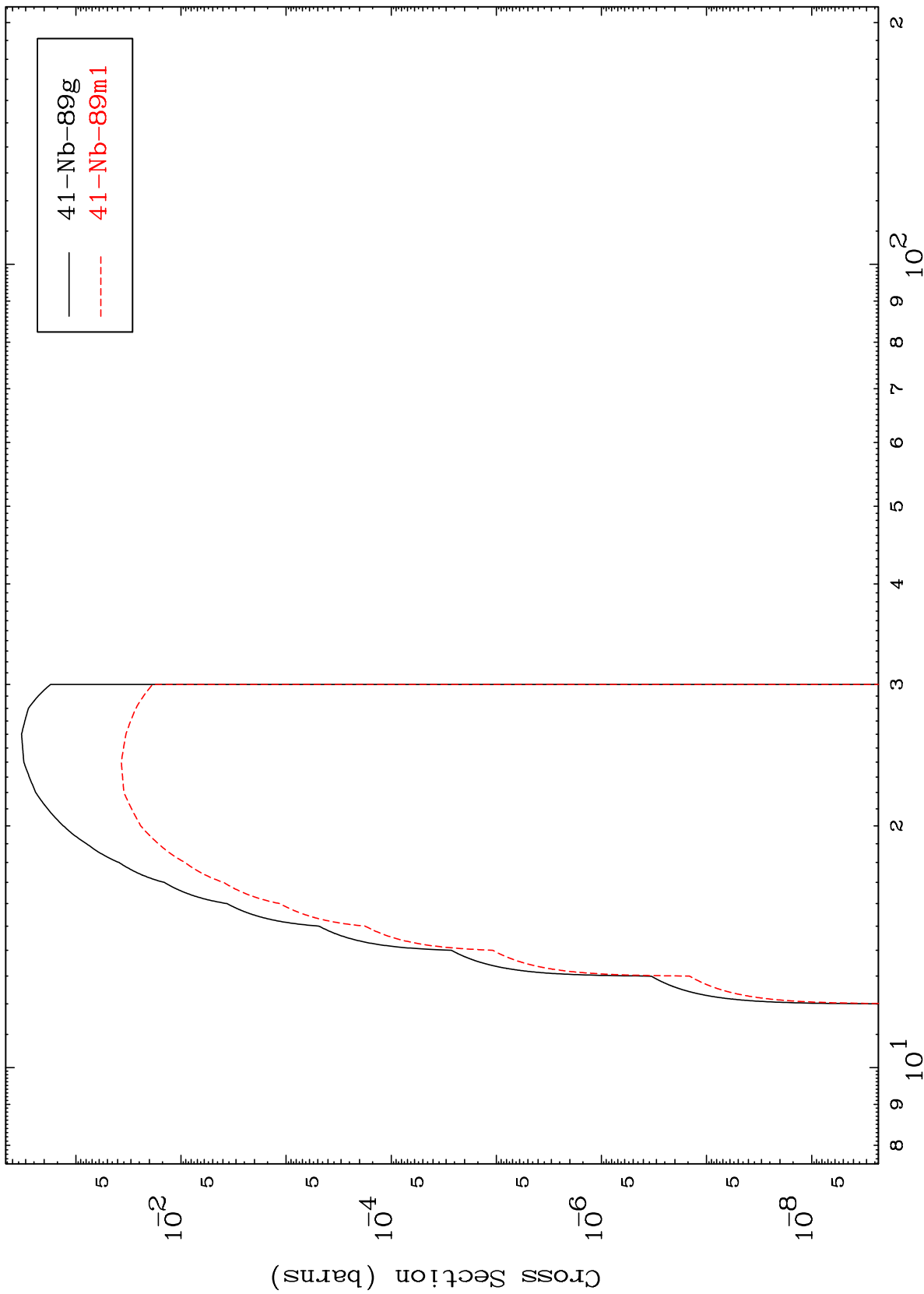
41-Nb-89m

MAT 4114

(n,2n) p

41-Nb-89m

Radionuclide Production Cross Section



20

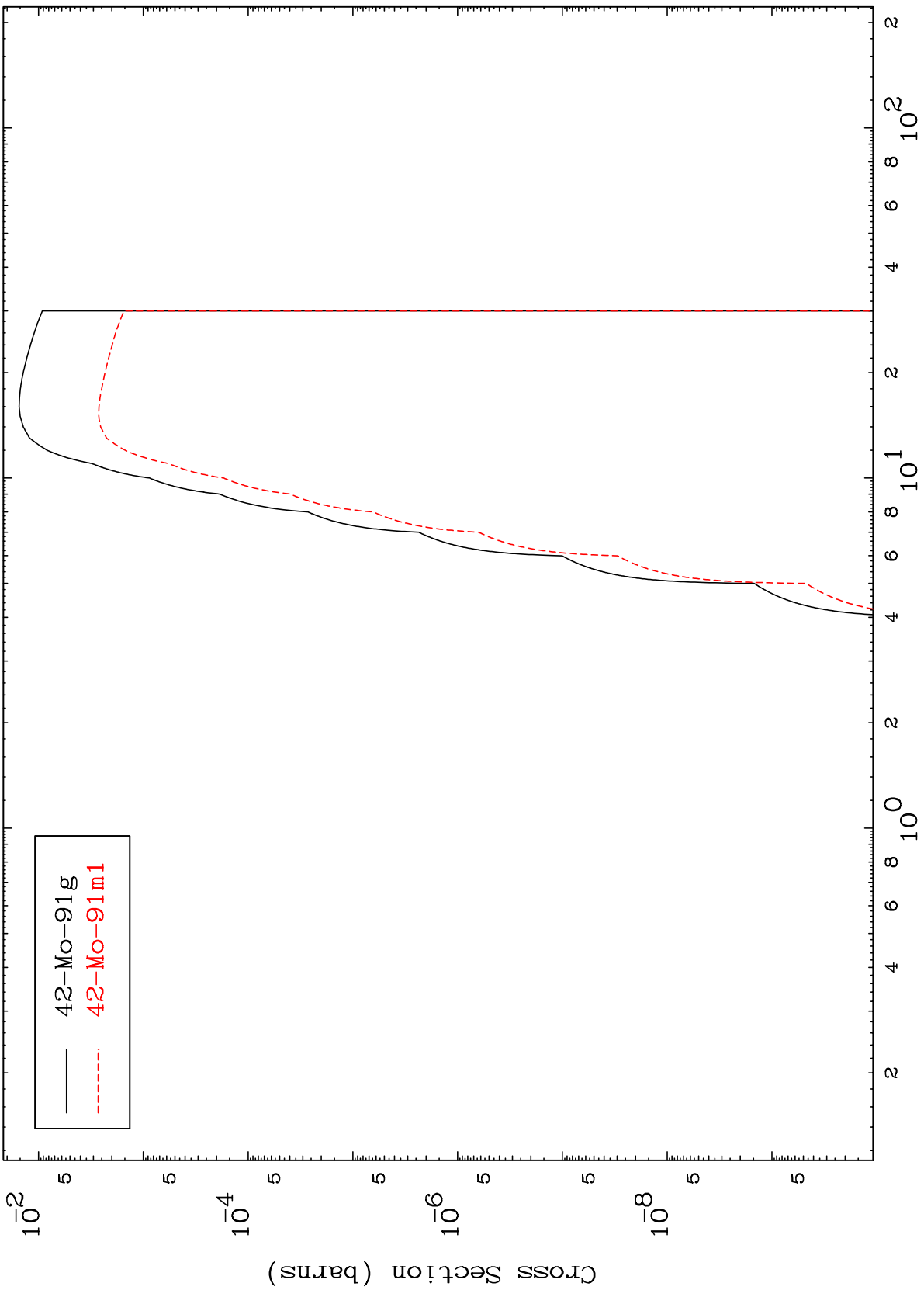
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

(n,p)  
Radionuclide Production Cross Section



— 42-Mo-91g  
- - - 42-Mo-91m1

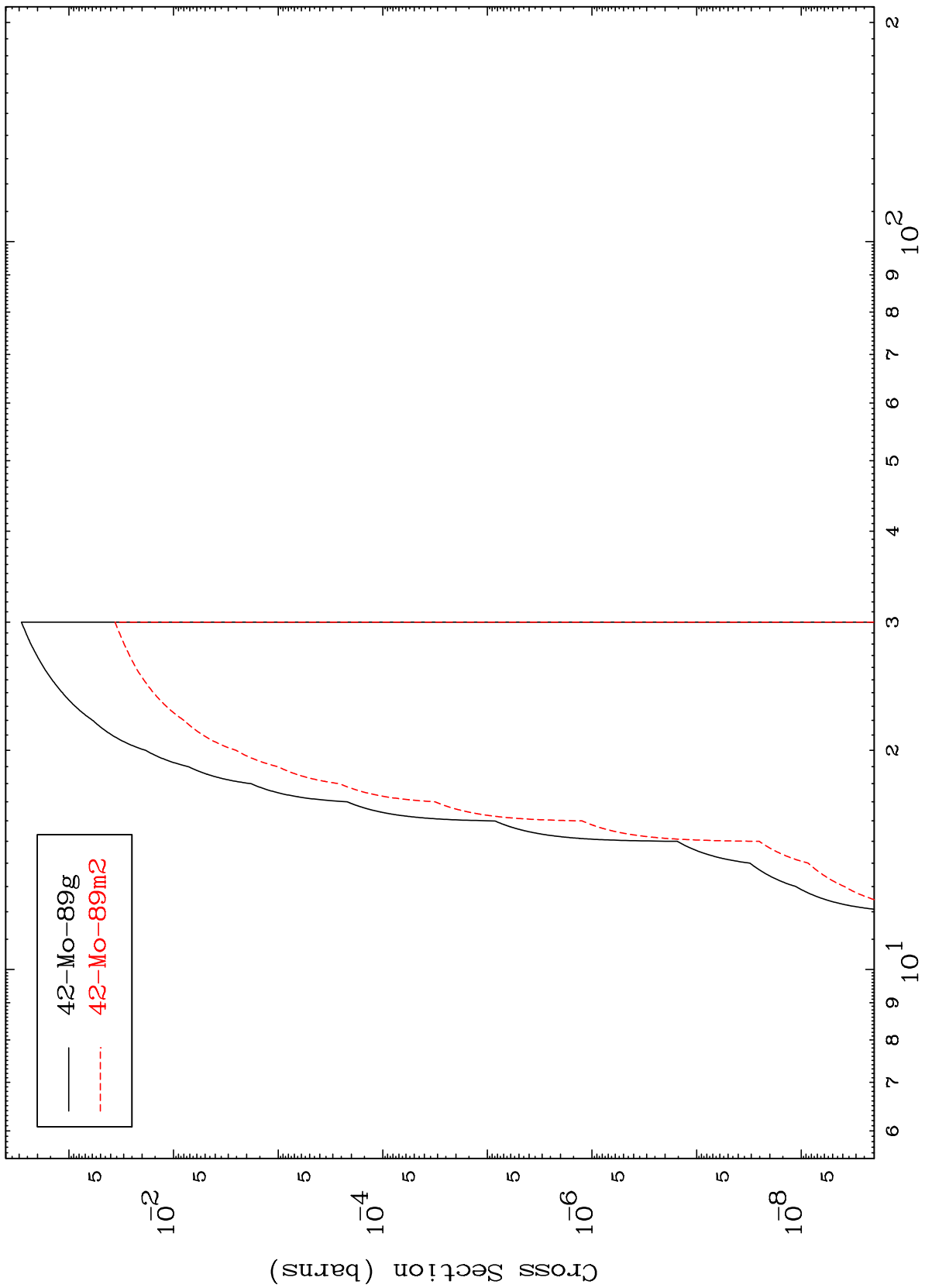
41-Nb-89m

Incident Energy (MeV)

MAT 4114

41-Nb-89m

(n, t)  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

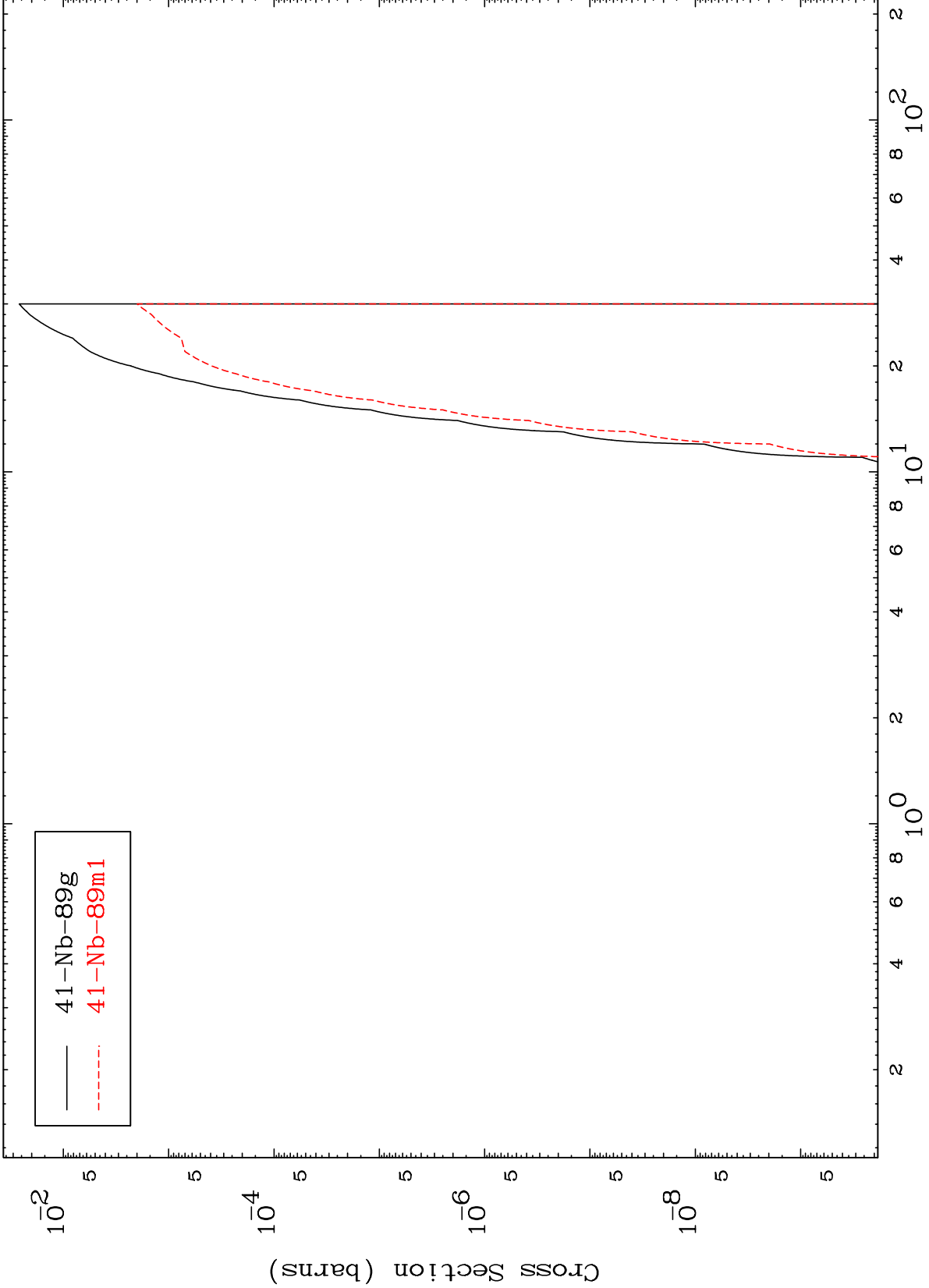
41-Nb-89m

MAT 4114

(n,He-3)

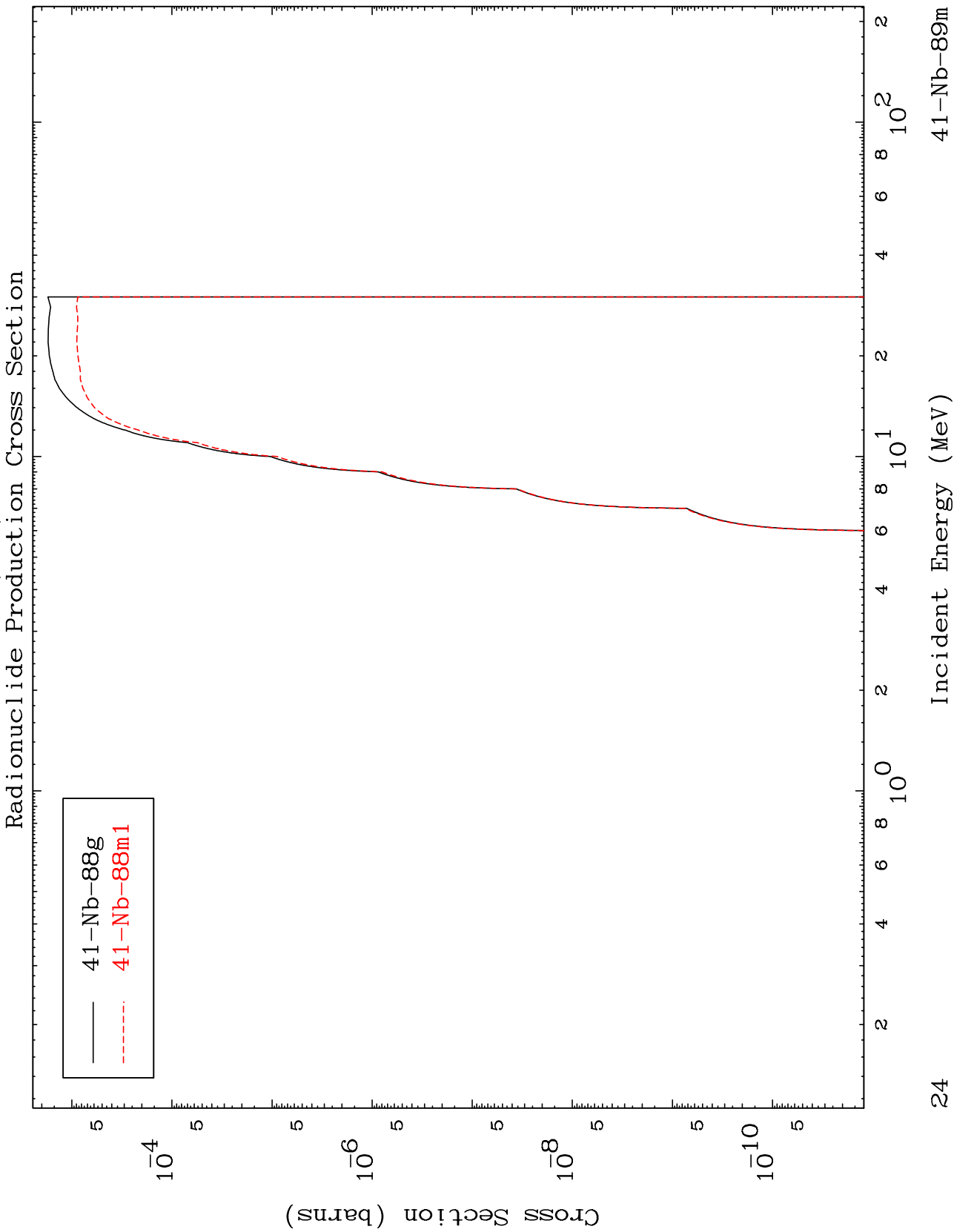
41-Nb-89m

Radionuclide Production Cross Section



MAT 4114

41-Nb-89m

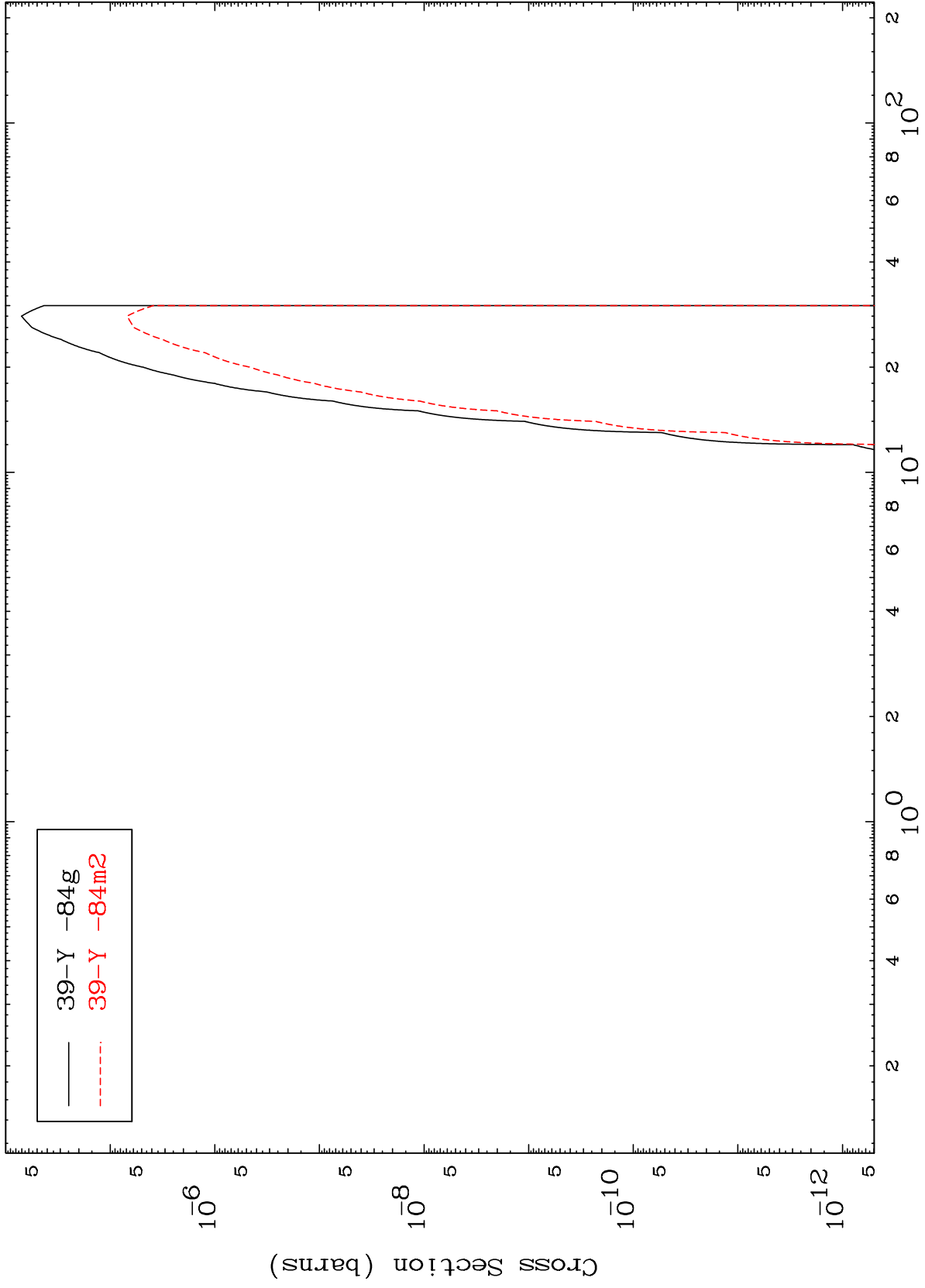


MAT 4114

(n,2α)

41-Nb-89m

Radionuclide Production Cross Section



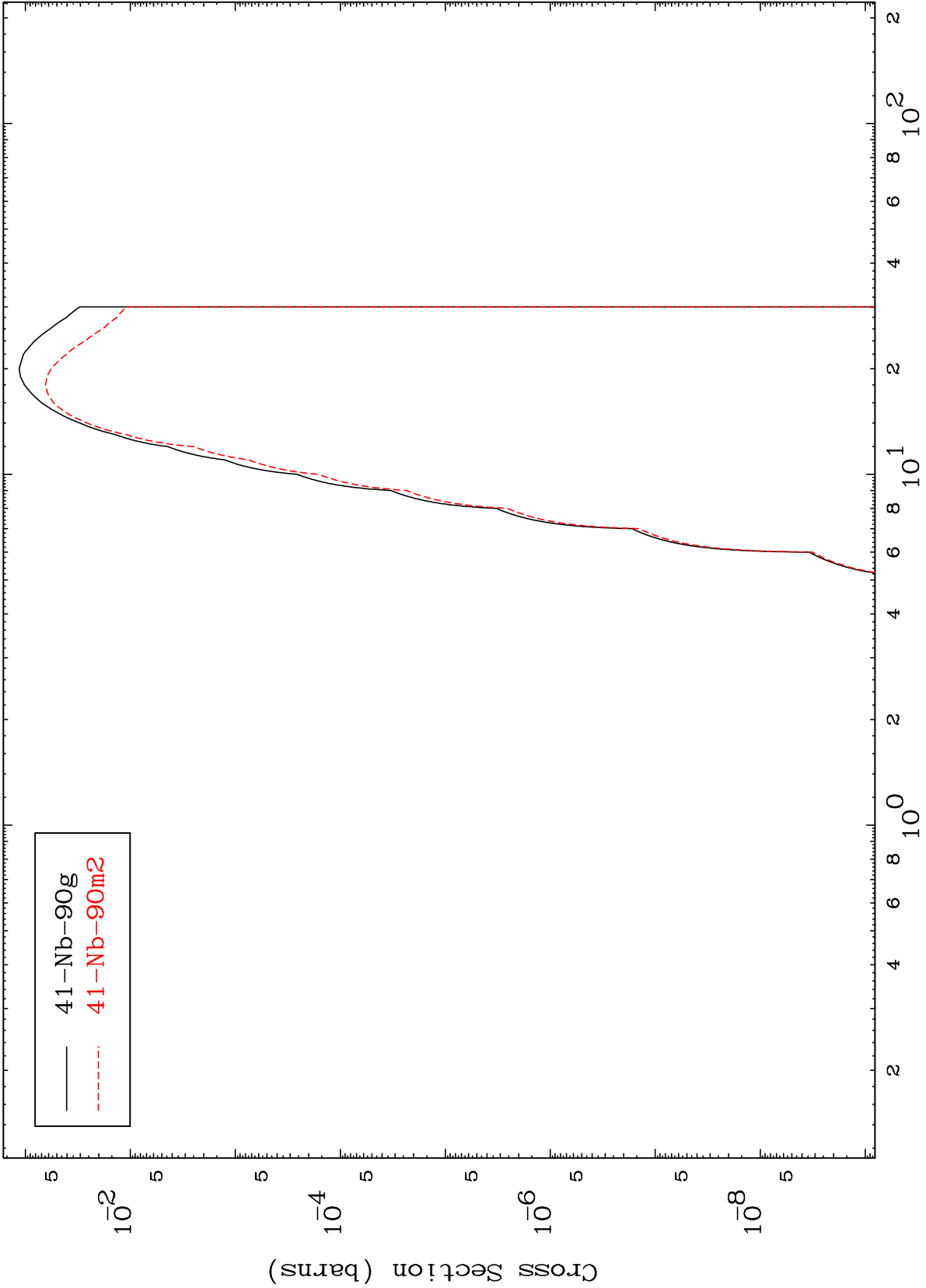
— 39-Y -84g  
- - - 39-Y -84m2

MAT 4114

(n,2p)

41-Nb-89m

Radionuclide Production Cross Section



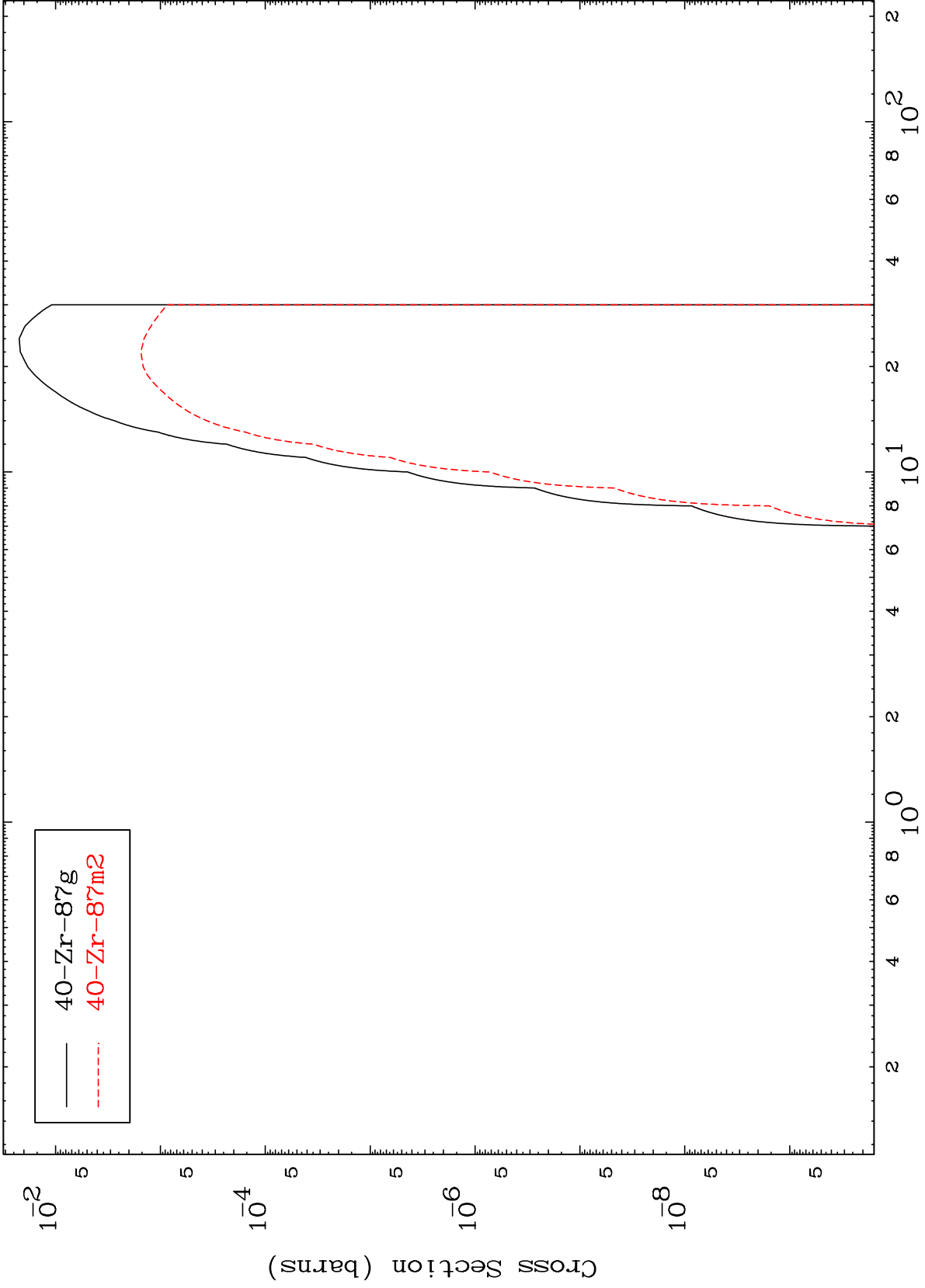
41-Nb-90g  
41-Nb-90m2

MAT 4114

(n,p)  $\alpha$

41-Nb-89m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

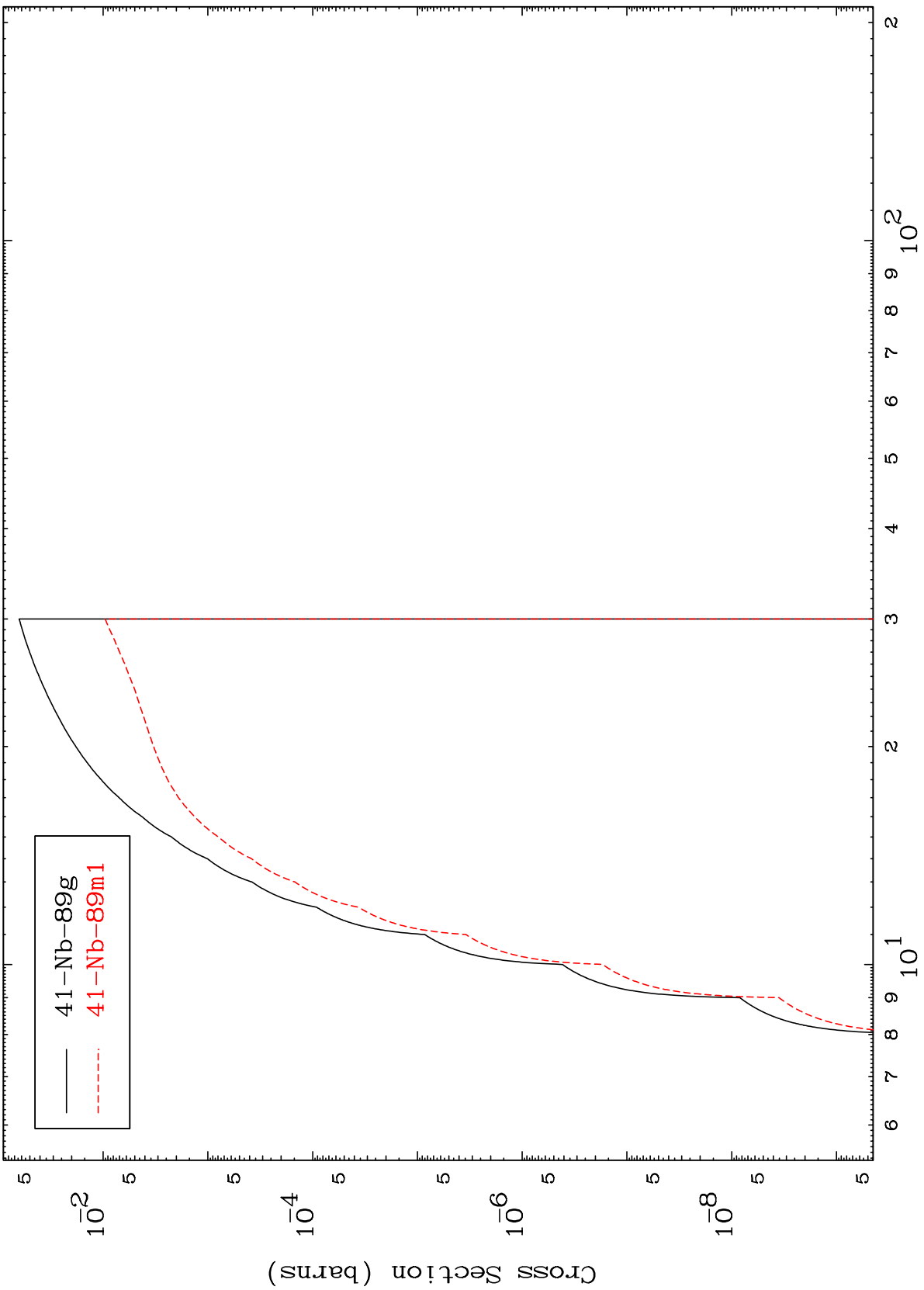
41-Nb-89m

MAT 4114

(n,p) d

41-Nb-89m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

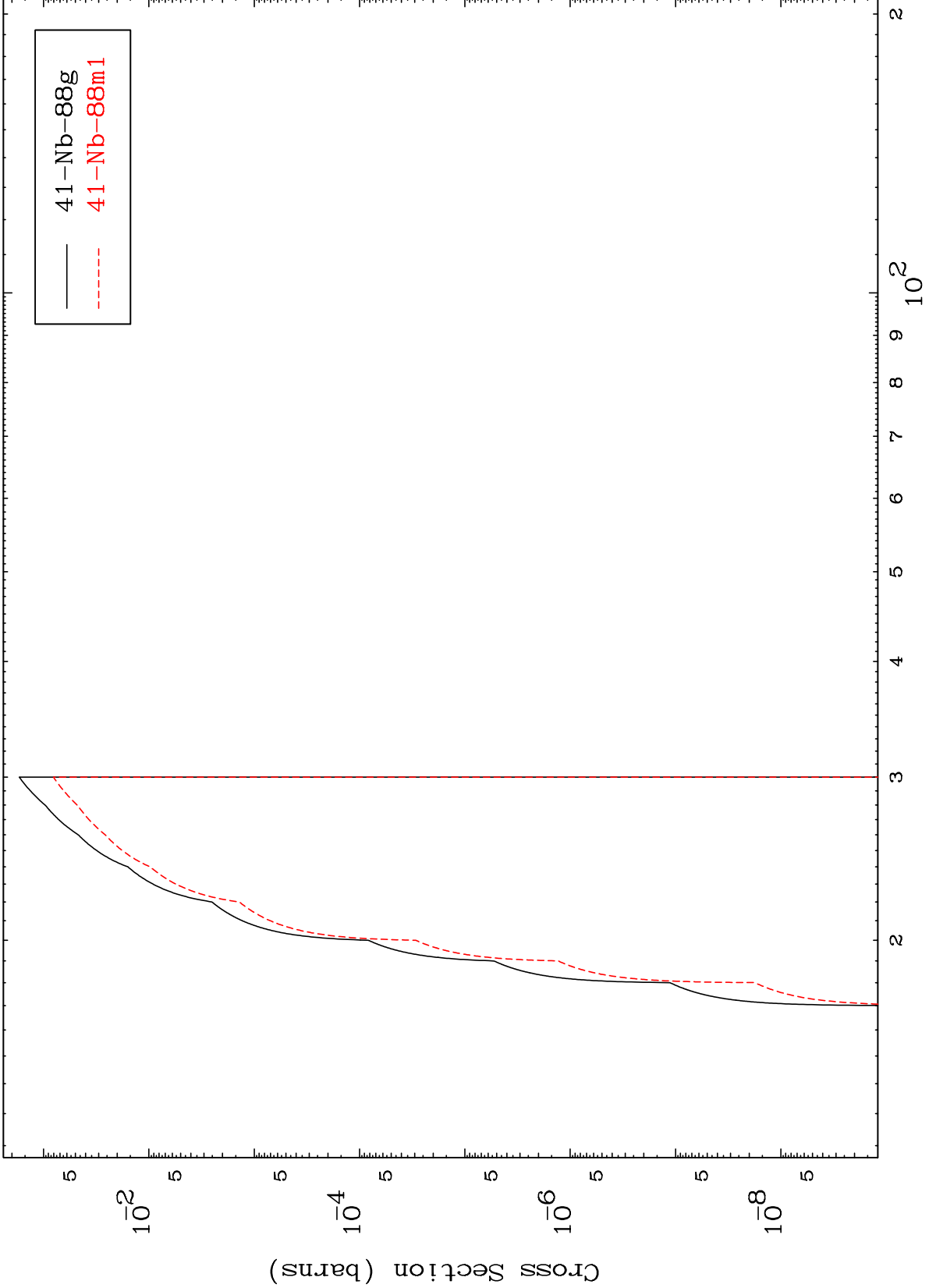
41-Nb-89m

MAT 41114

(n,p) t

41-Nb-89m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

41-Nb-89m