

Program EVALPLOT  
(Version 2021-1)

by

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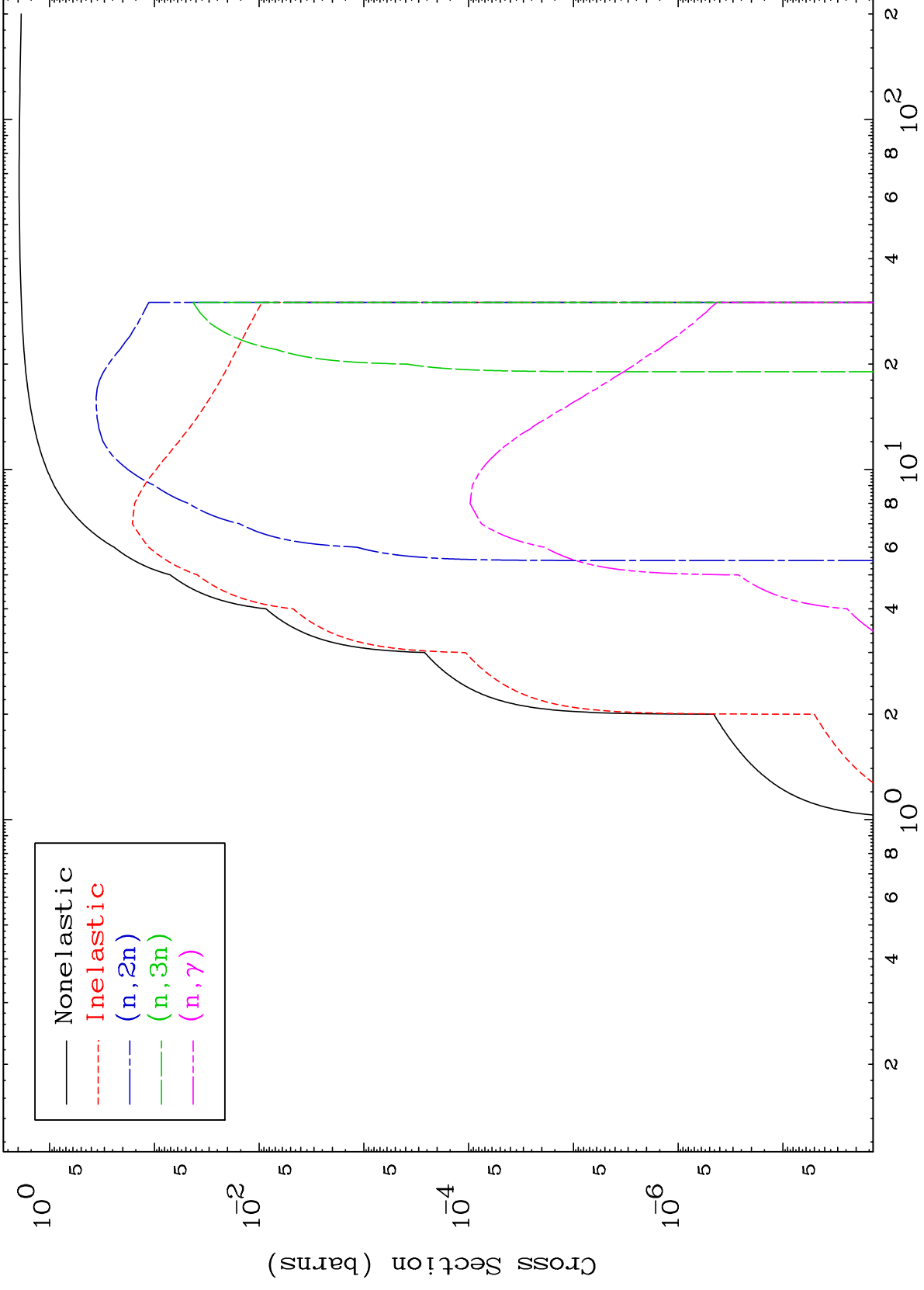
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4117

Deuteron Major  
0 Kelvin Cross Sections

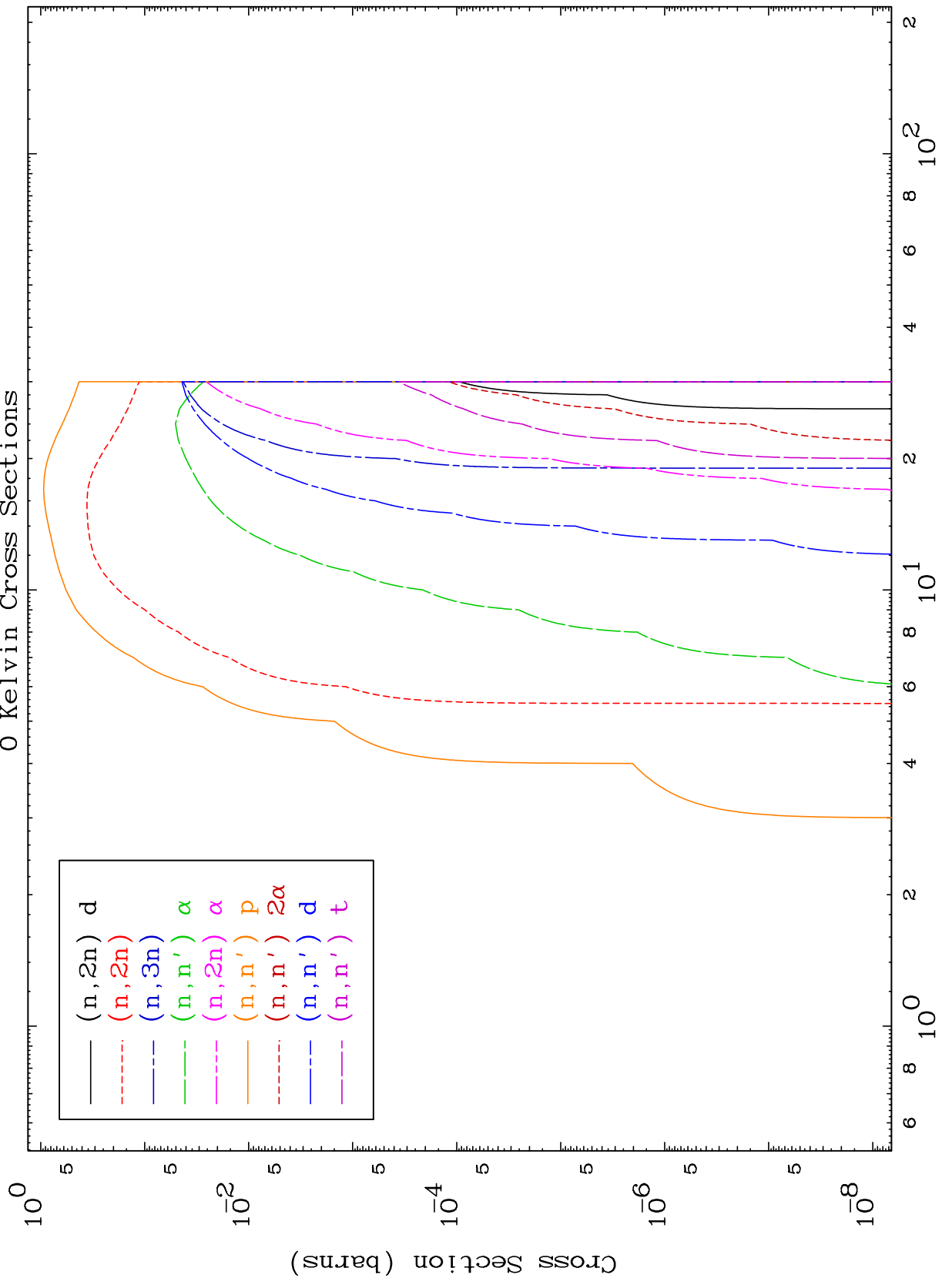
41-Nb-90m



MAT 4117

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-90m



2

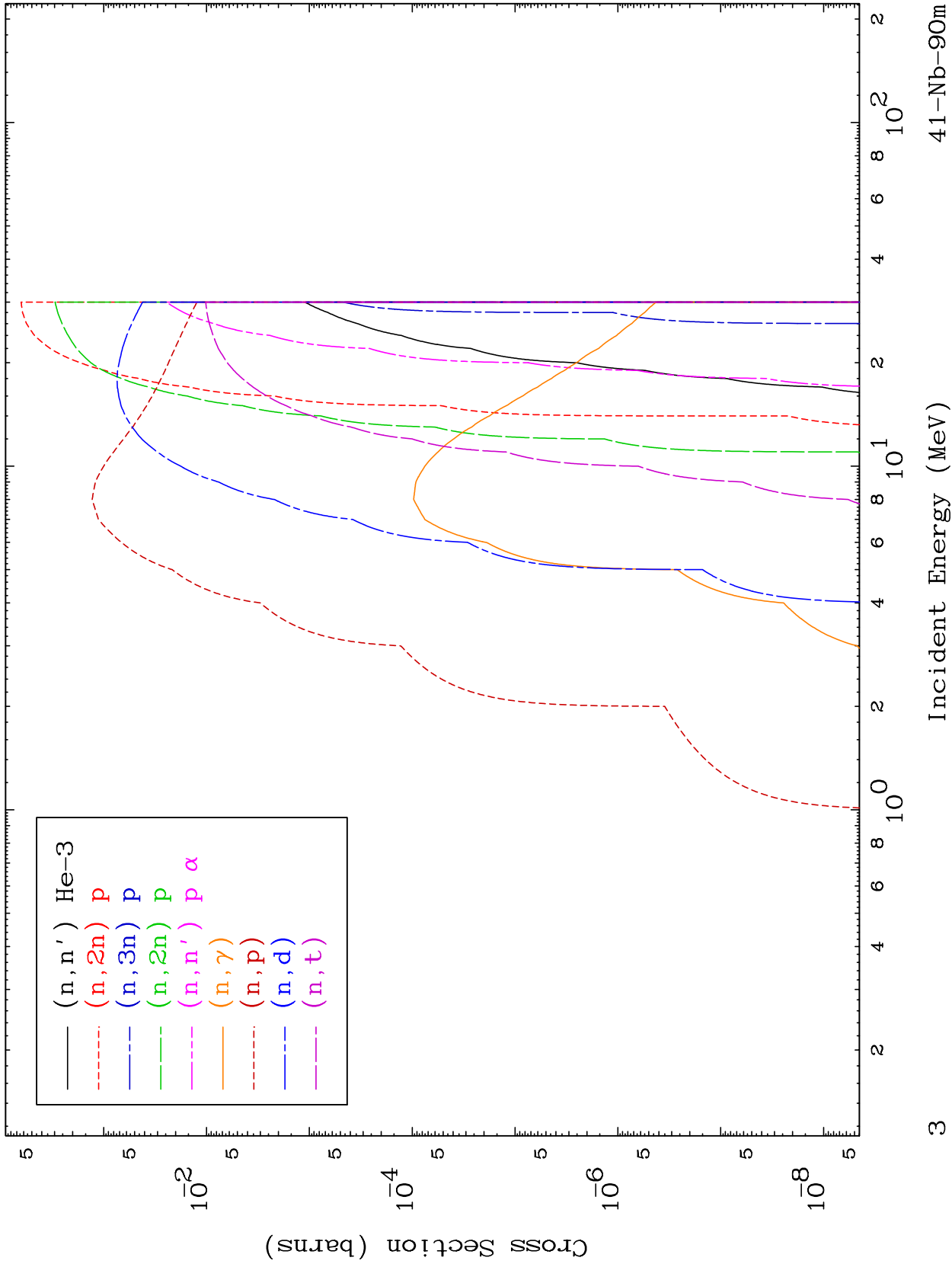
Incident Energy (MeV)

41-Nb-90m

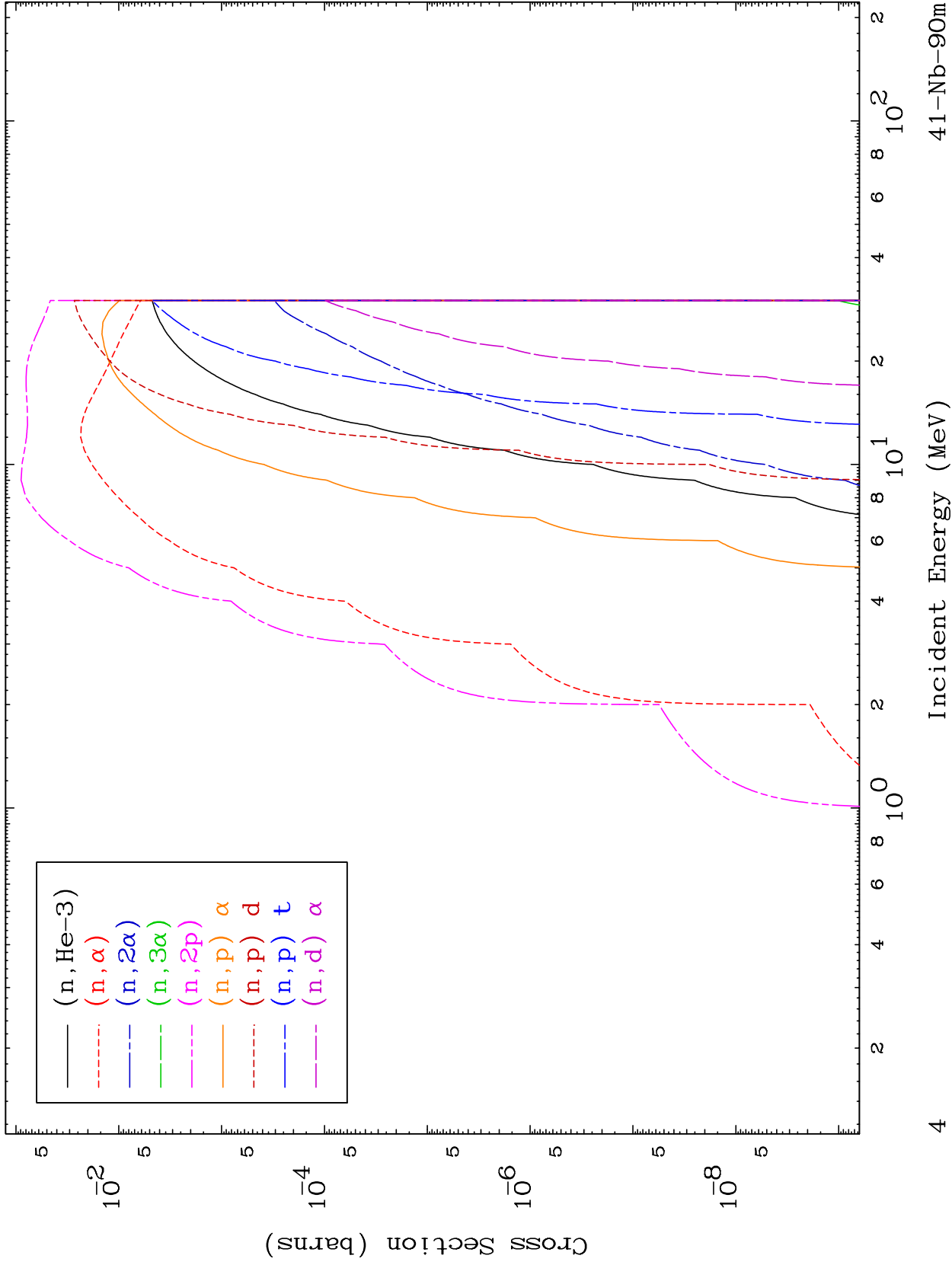
MAT 4117

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-90m



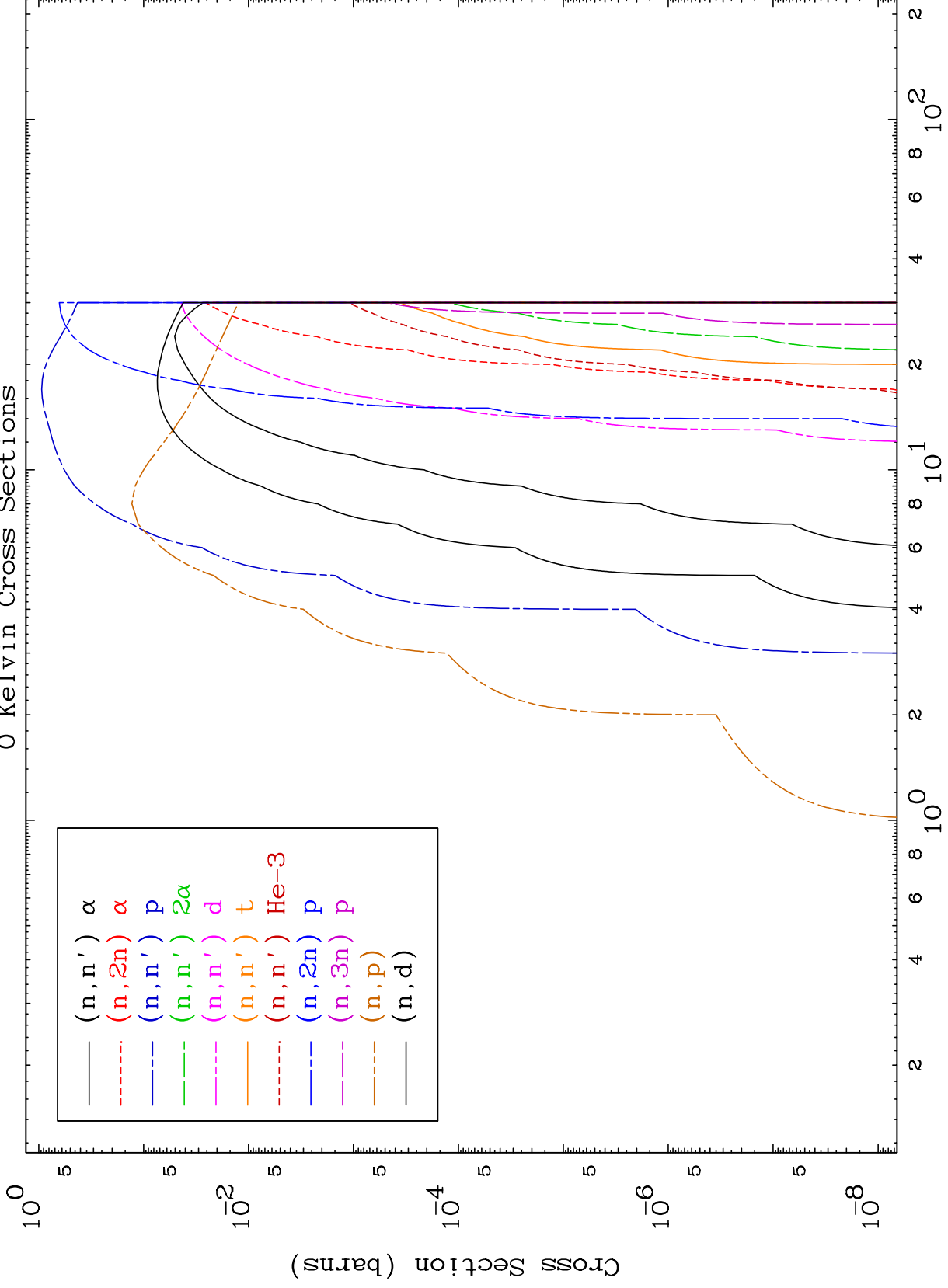
Deuteron Neutron Absorption  
0 Kelvin Cross Sections



MAT 4117

Deuteron Charged Particle  
0 Kelvin Cross Sections

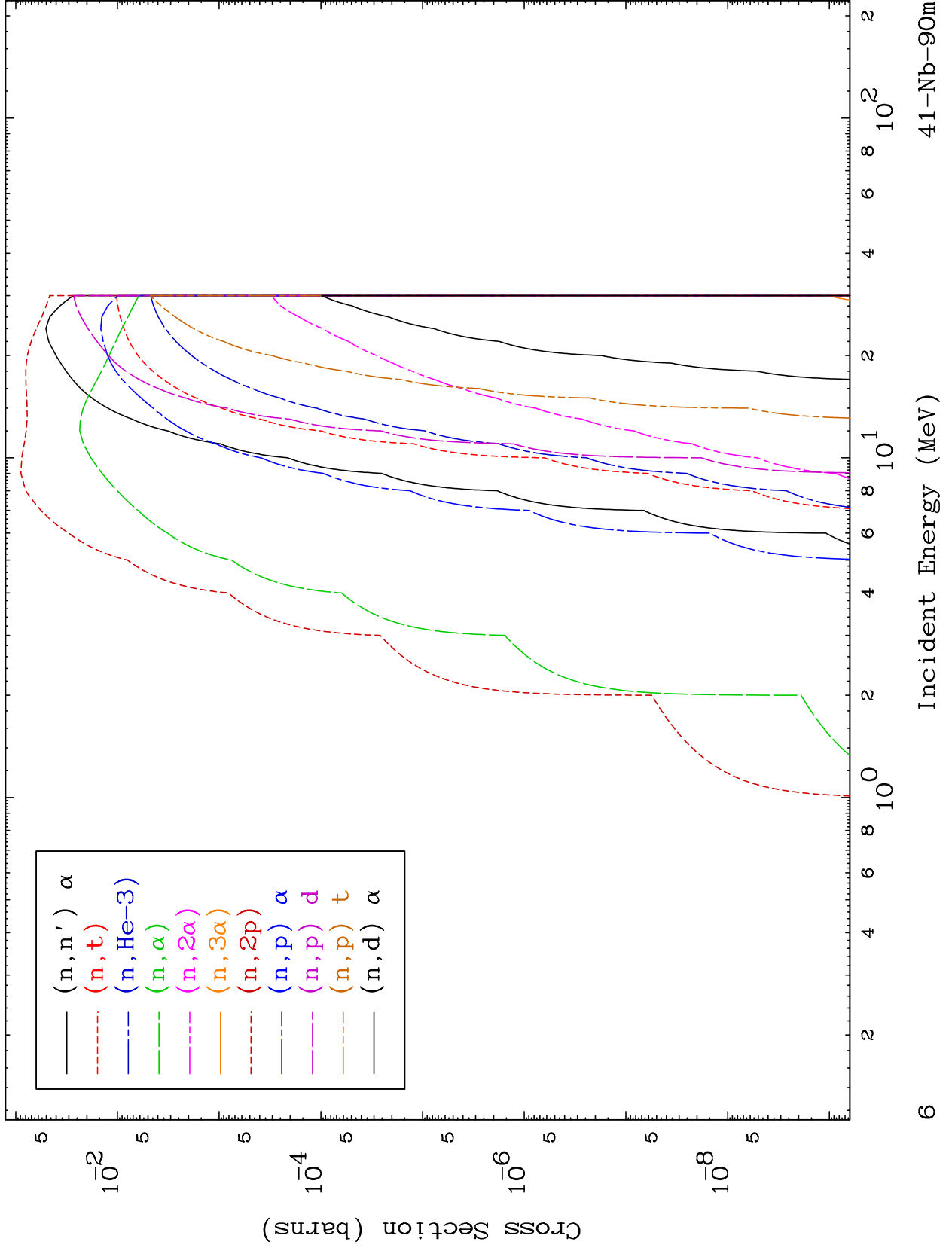
41-Nb-90m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

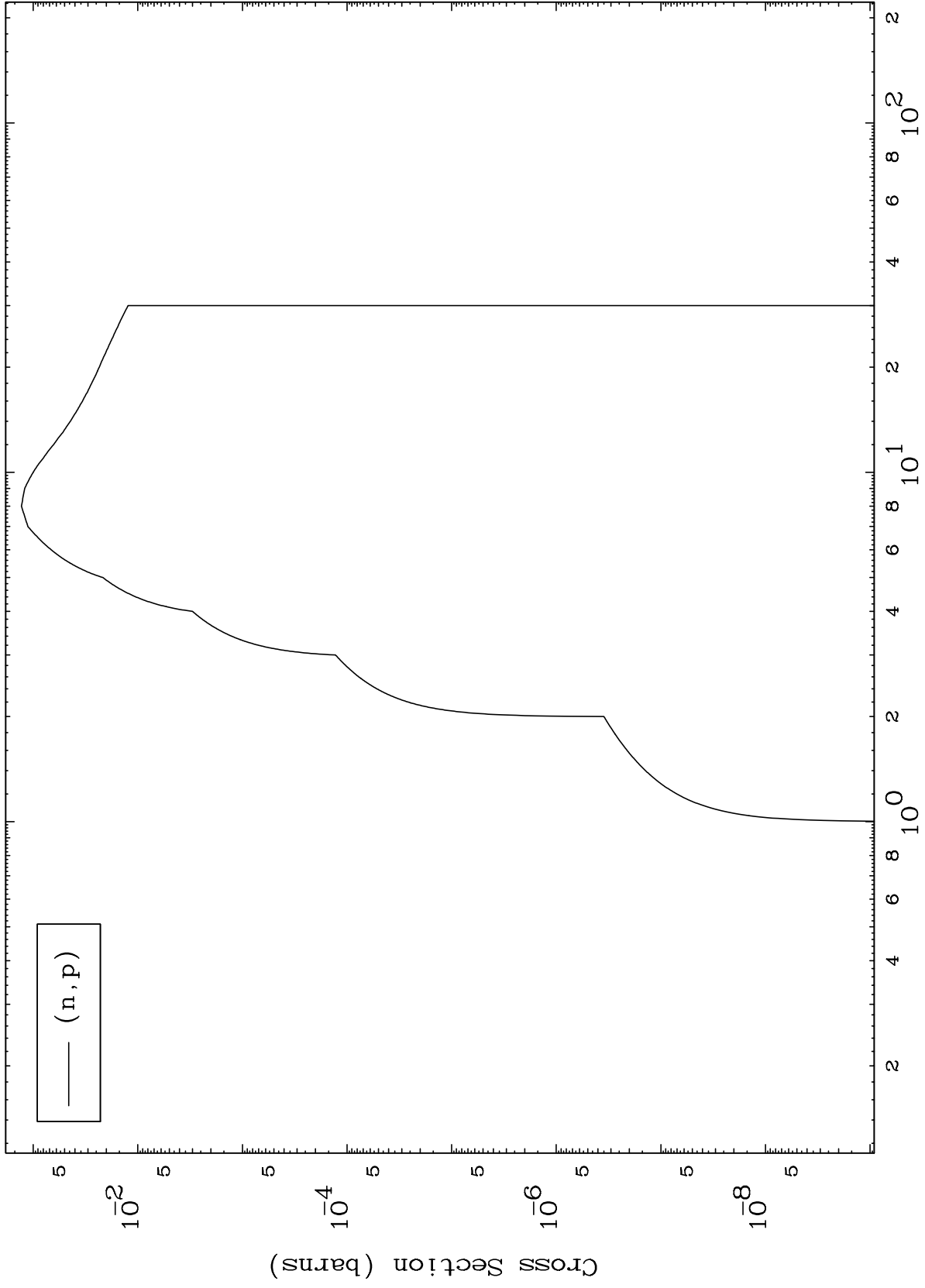
41-Nb-90m



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(d,p) Levels  
0 Kelvin Cross Sections

41-Nb-90m



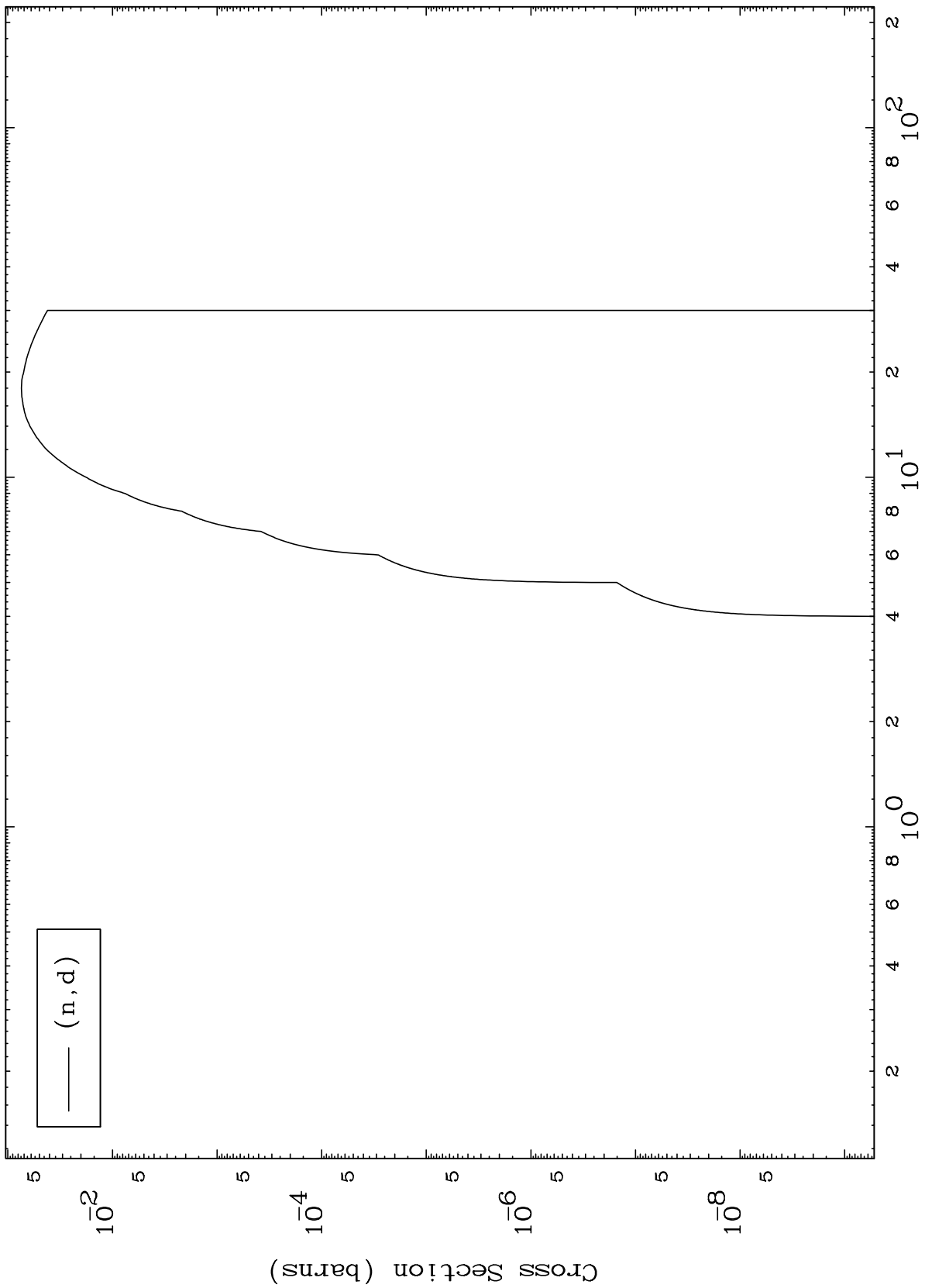


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(d,d) Levels

41-Nb-90m

0 Kelvin Cross Sections

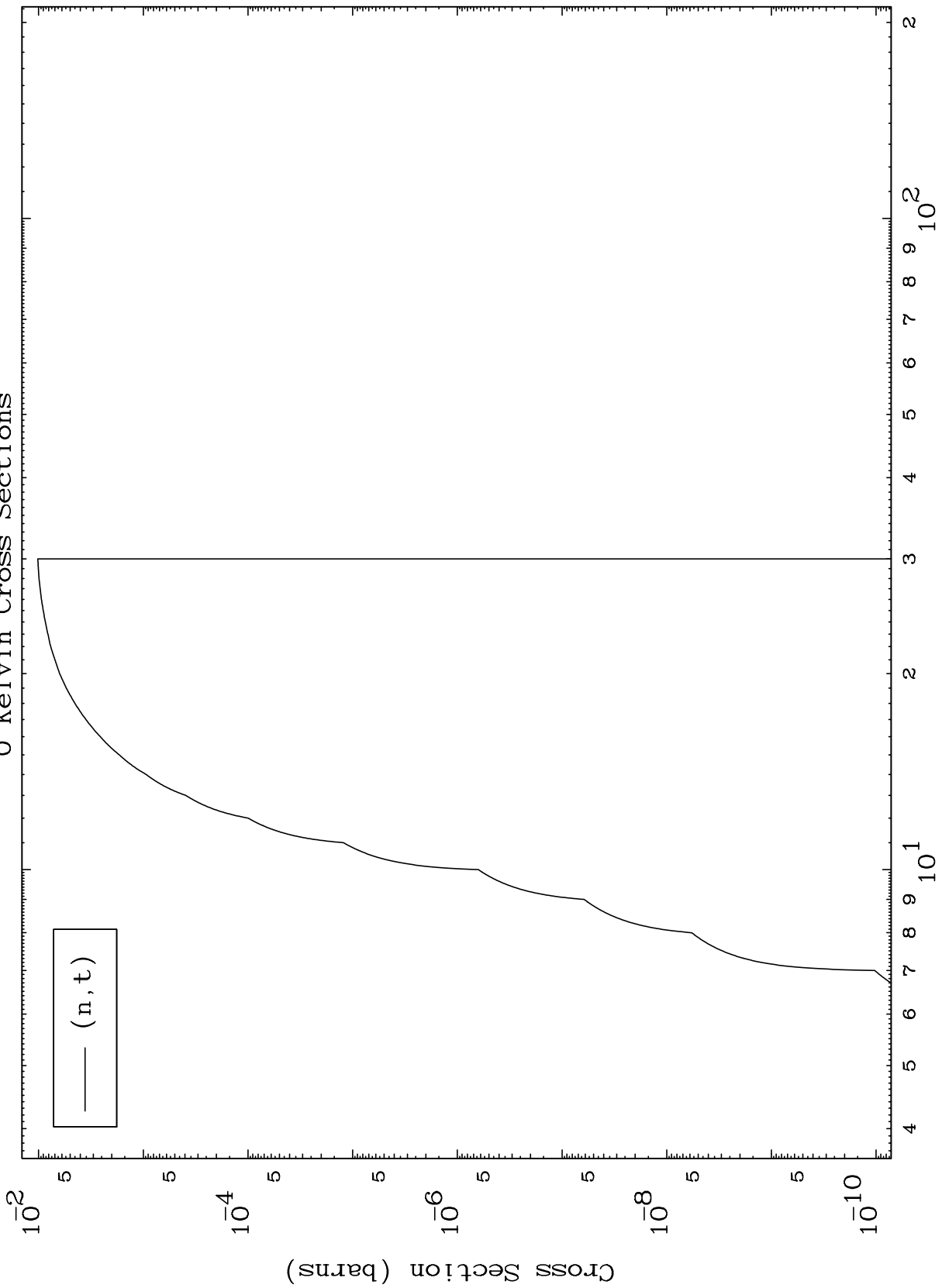


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(d, t) Levels

41-Nb-90m

0 Kelvin Cross Sections



(n, t)

9

Incident Energy (MeV)

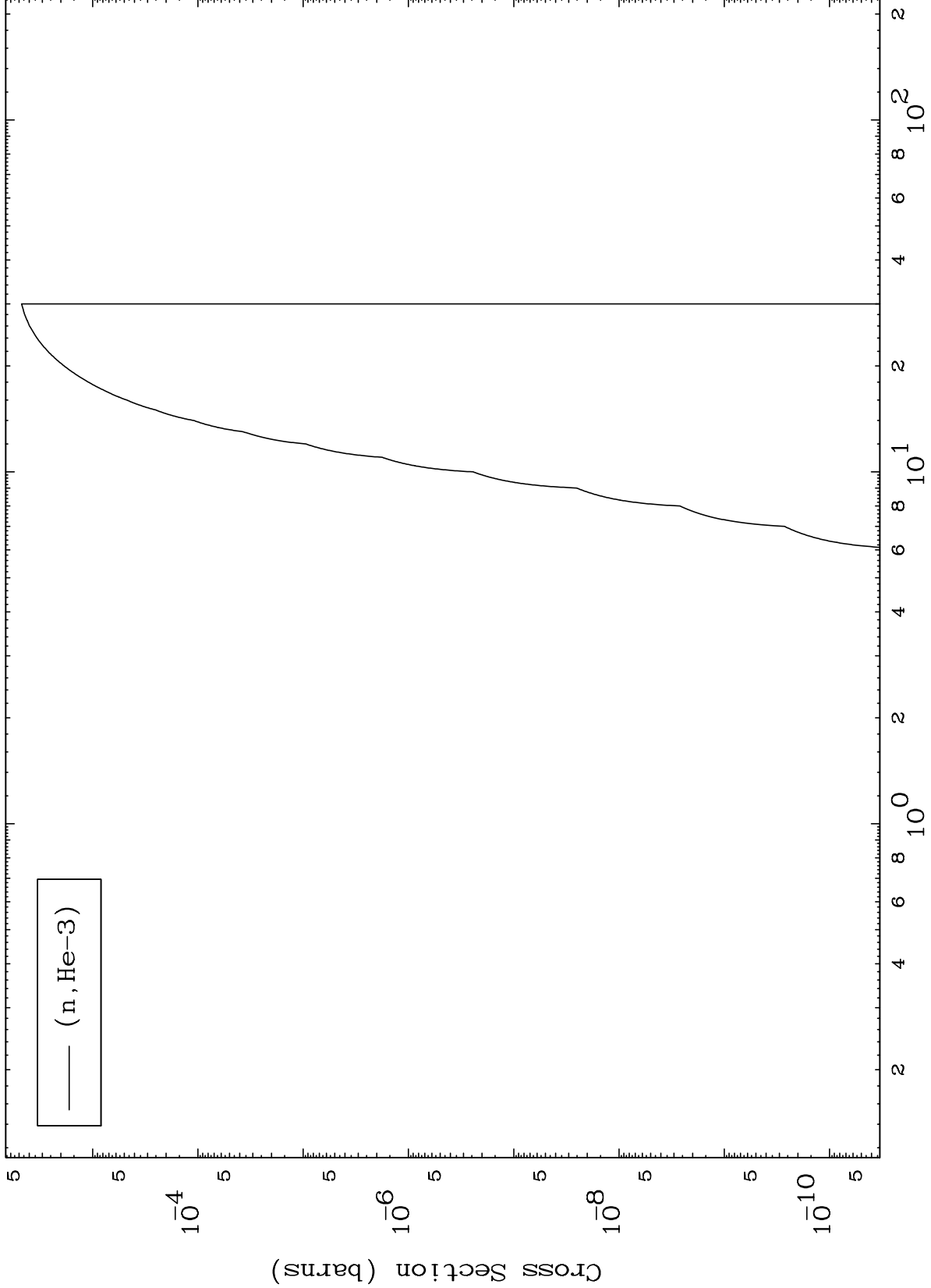
41-Nb-90m

MAT 4117

(d,He3) Levels

41-Nb-90m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

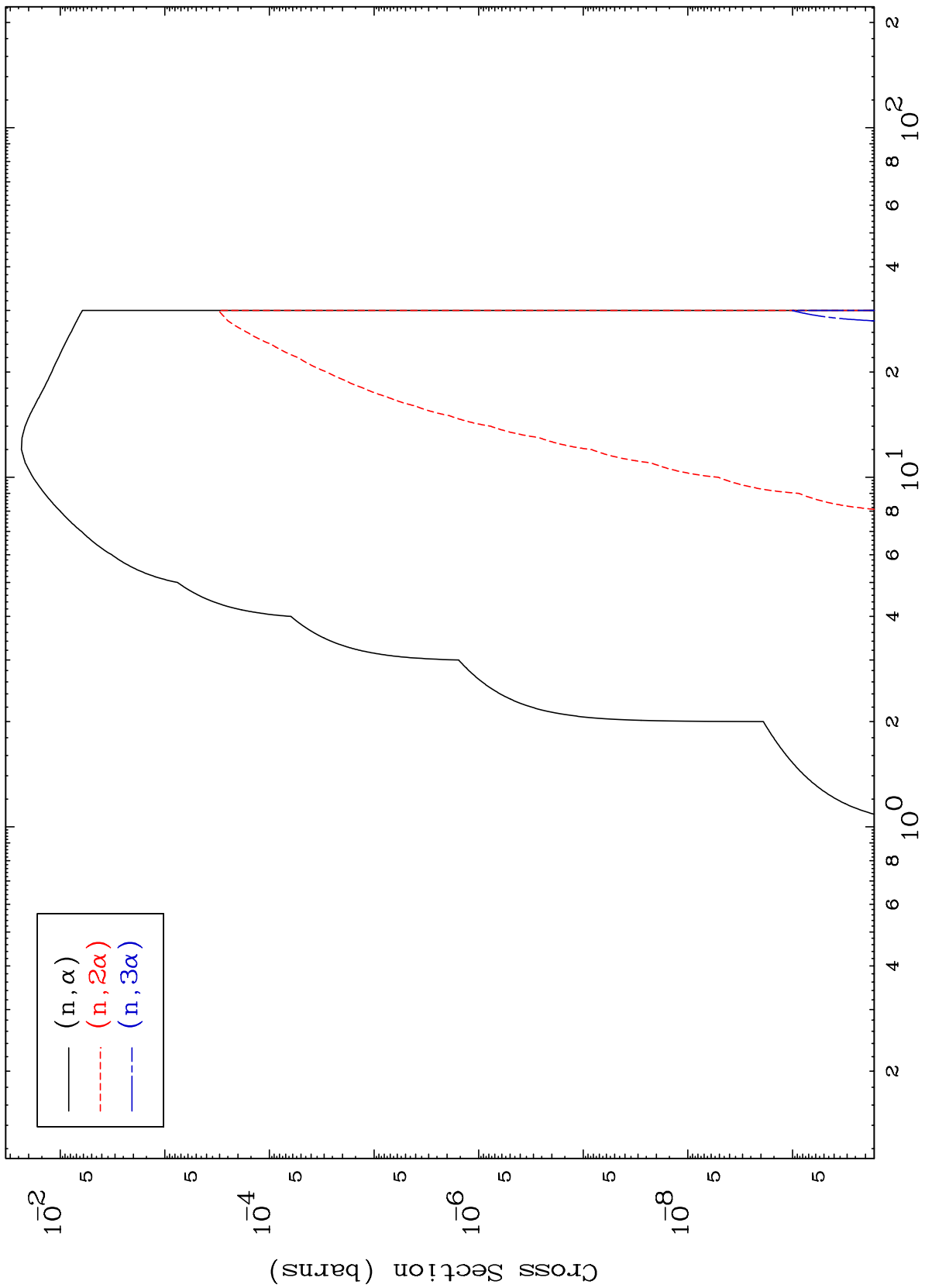
41-Nb-90m

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(d,  $\alpha$ ) Levels

41-Nb-90m

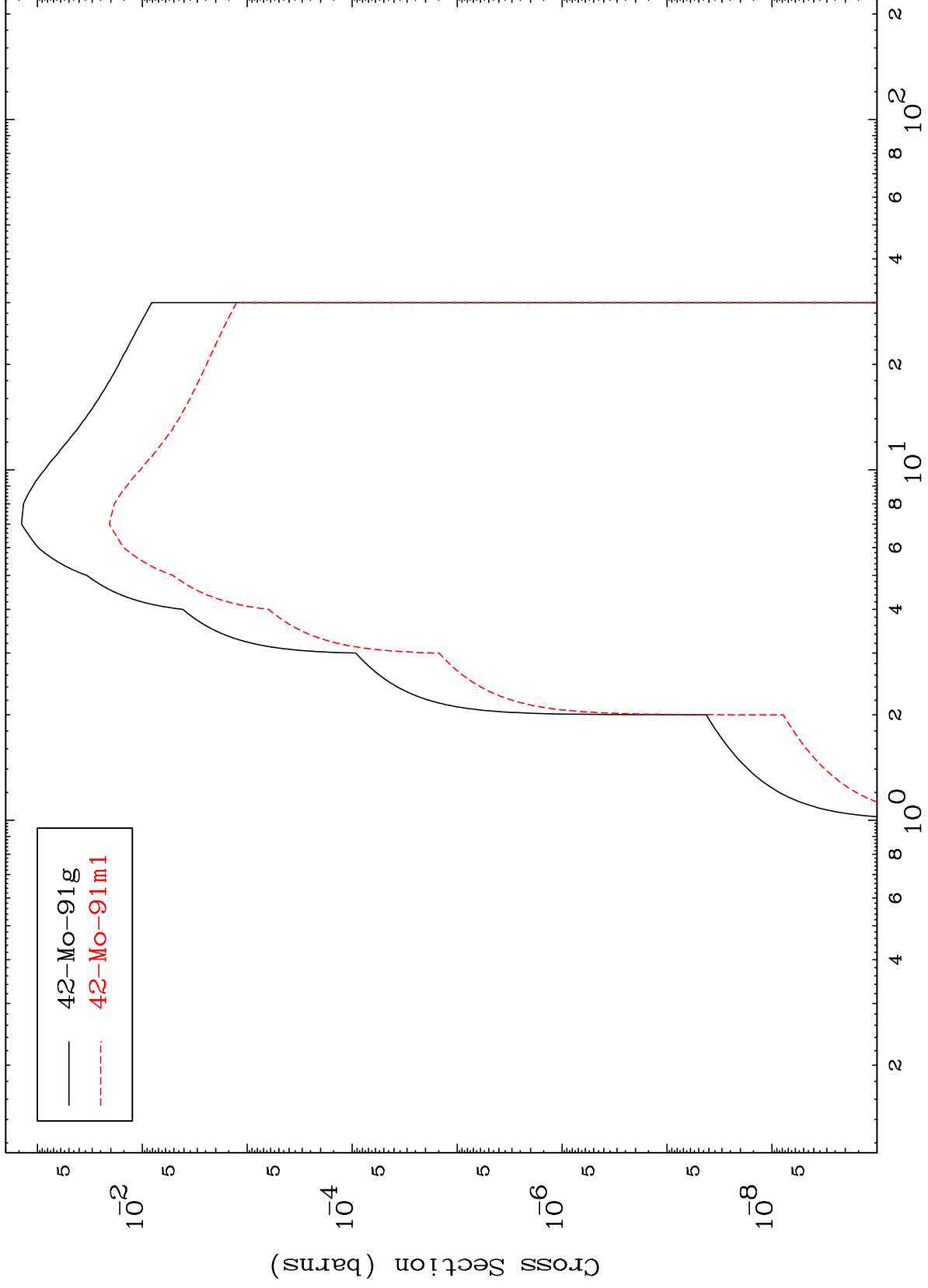
0 Kelvin Cross Sections



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Inelastic  
Radionuclide Production Cross Section

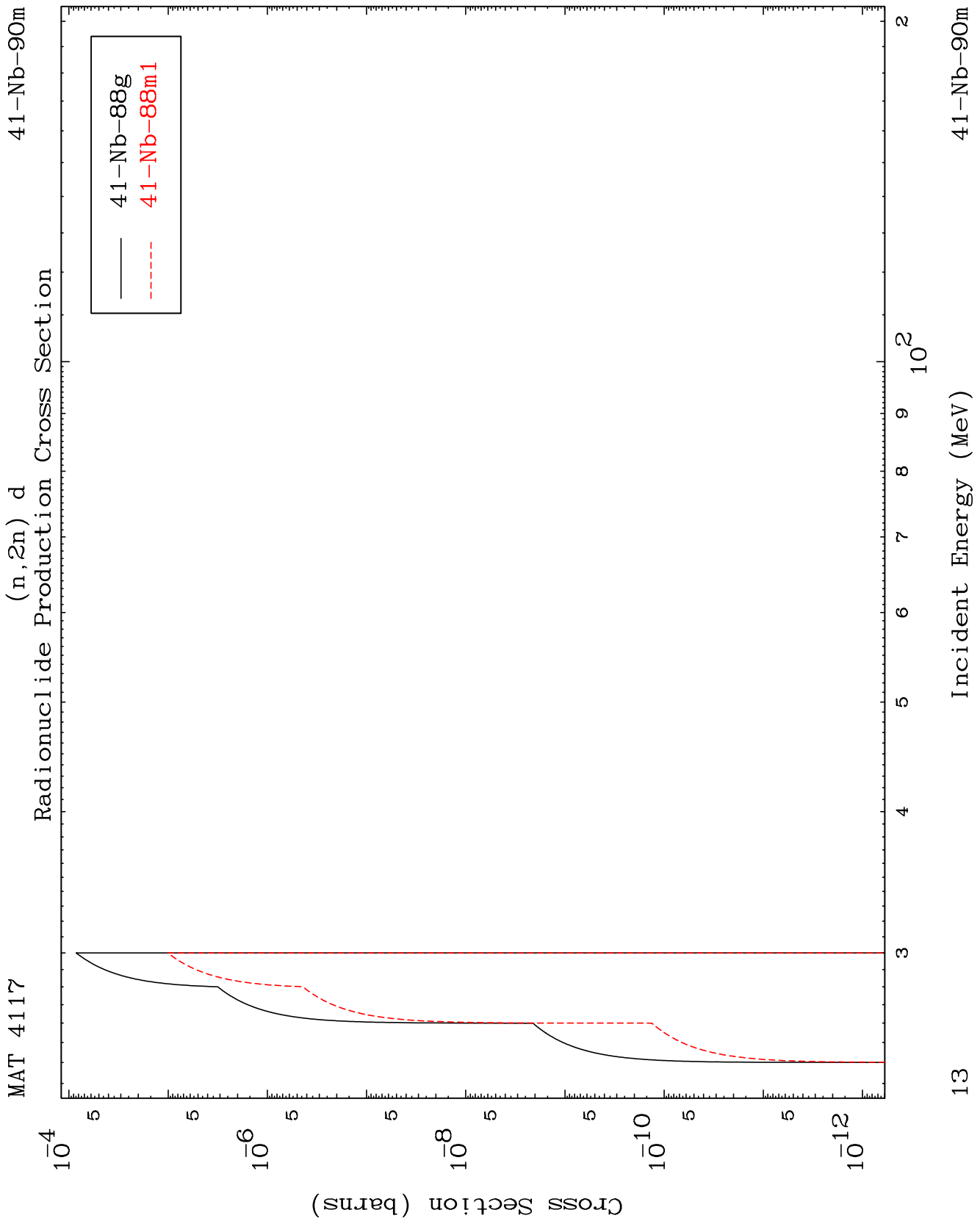
41-Nb-90m



12

Incident Energy (MeV)

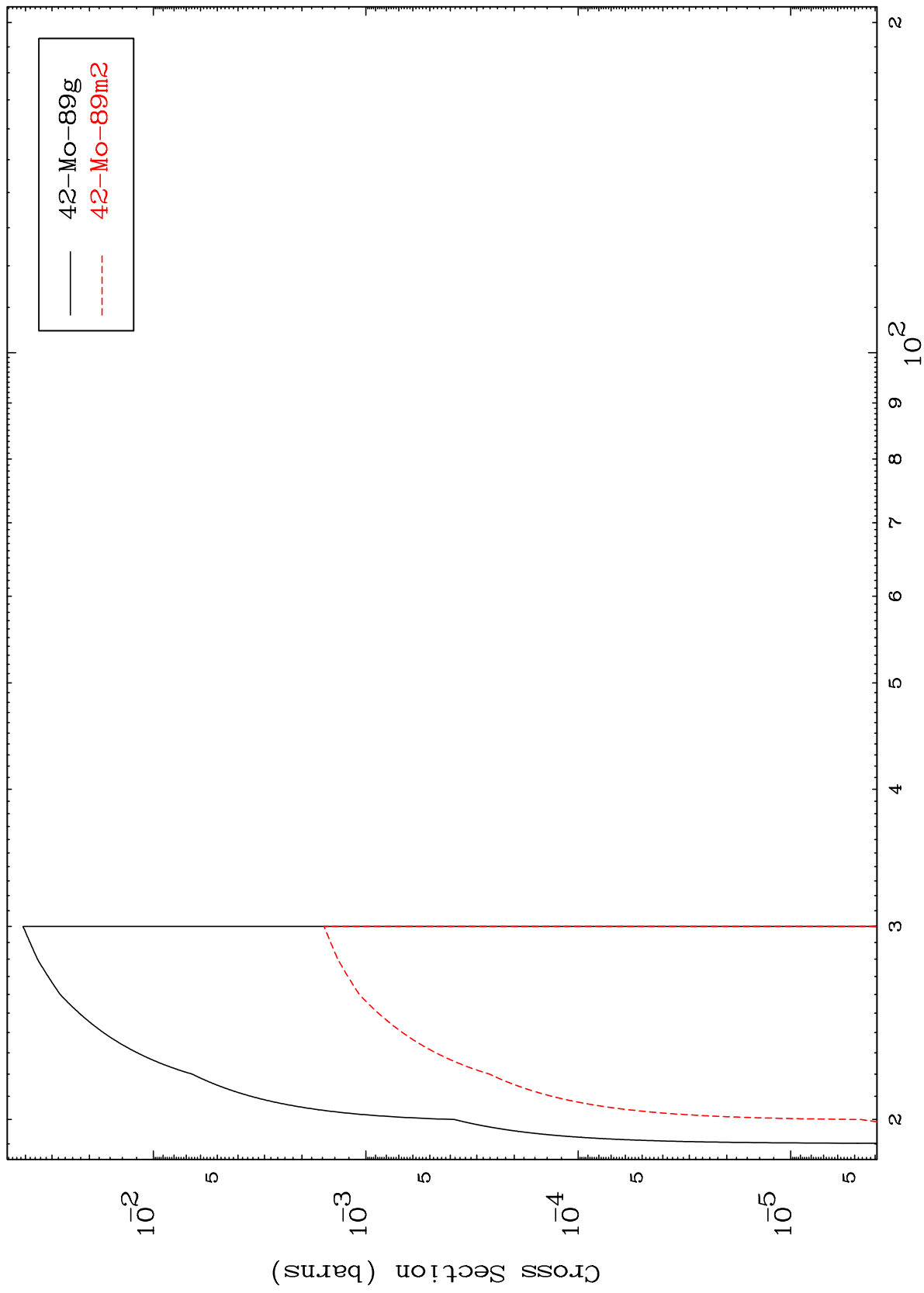
41-Nb-90m



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41-Nb-90m

(n,3n)  
Radionuclide Production Cross Section



41-Nb-90m

Incident Energy (MeV)

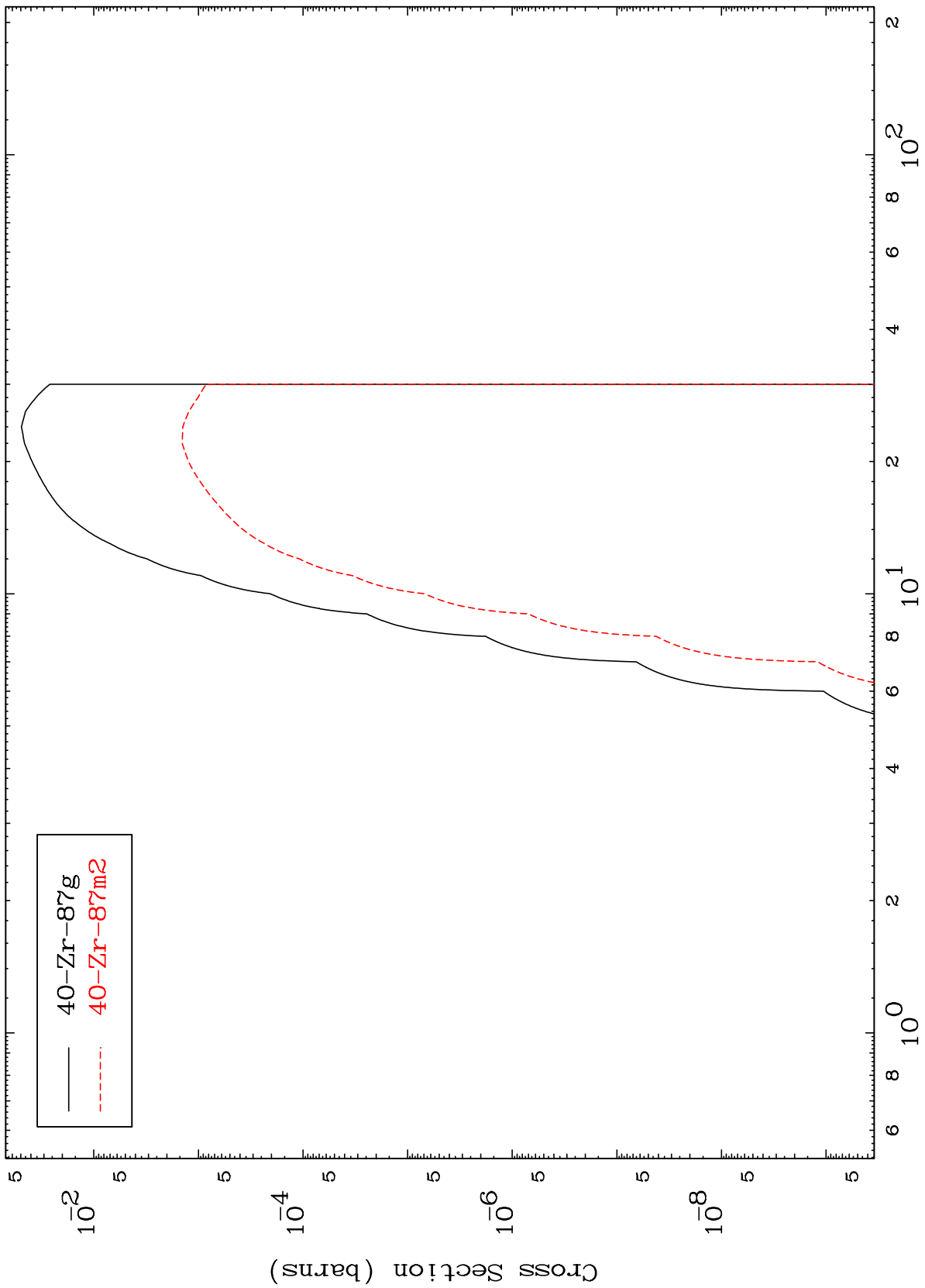
14

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(n,n')  $\alpha$

41-Nb-90m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

41-Nb-90m

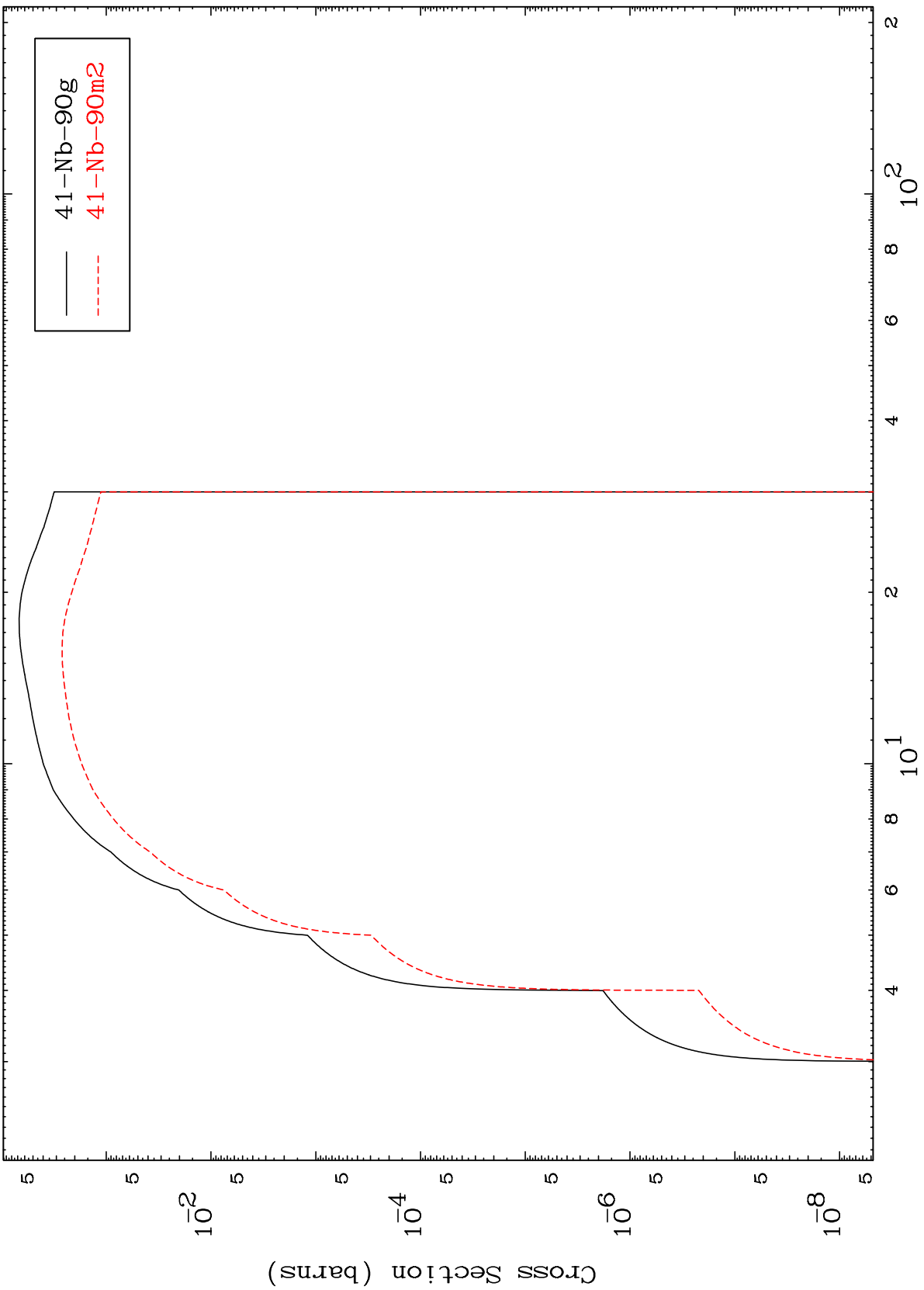


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(n,n') p

41-Nb-90m

Radionuclide Production Cross Section



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

16

Incident Energy (MeV)

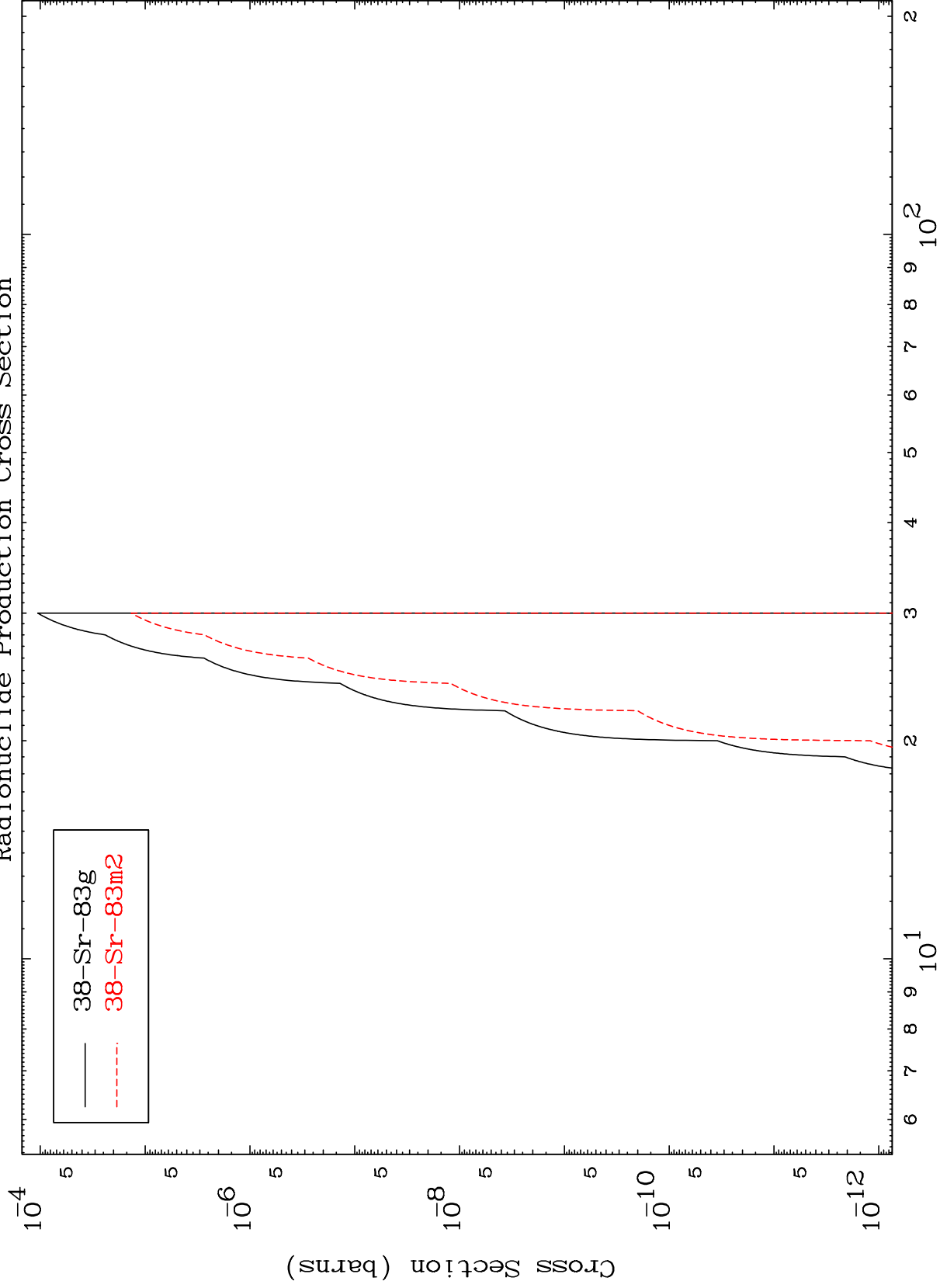
41-Nb-90m

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(n,n') 2α

41-Nb-90m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

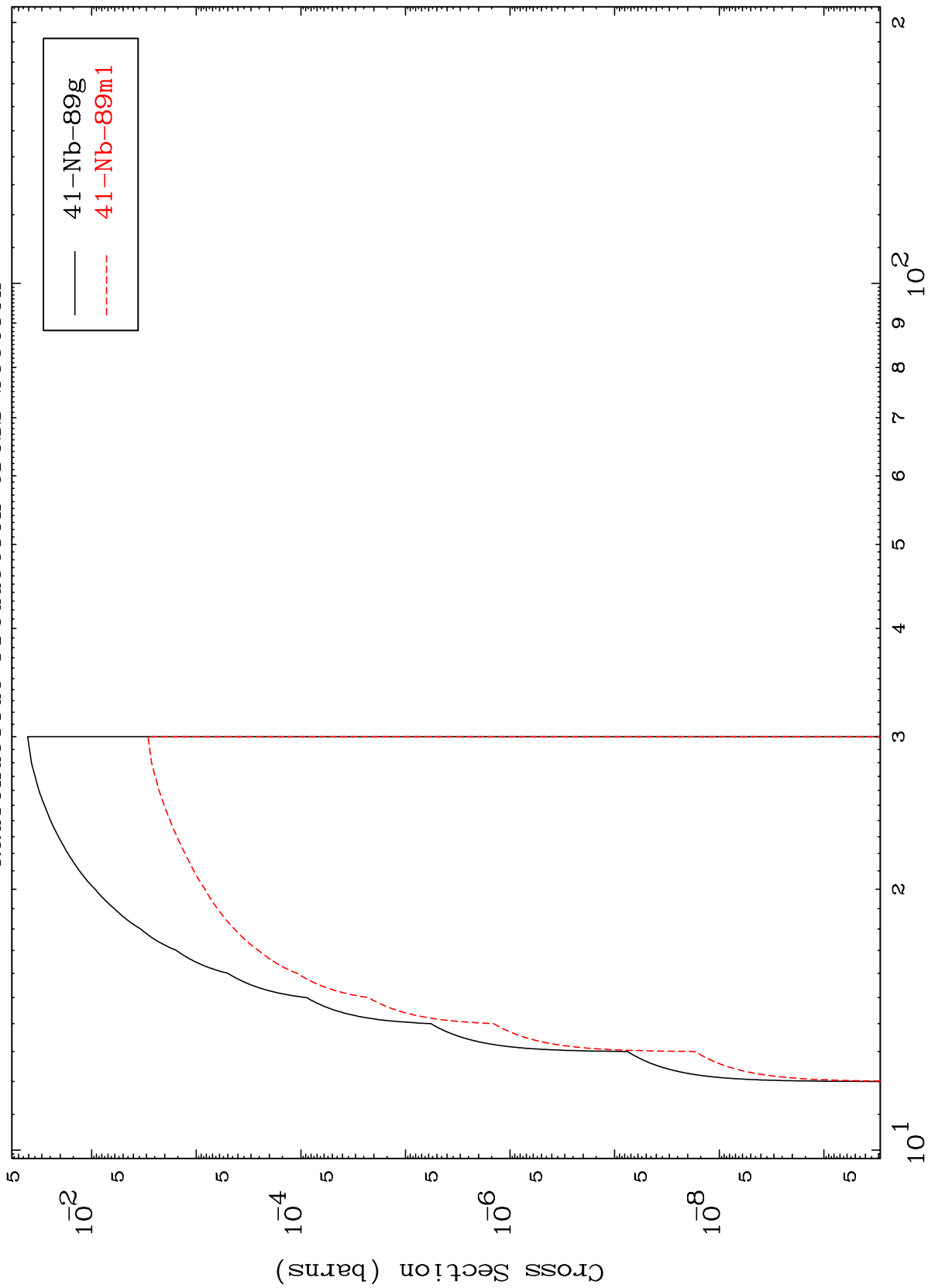
41-Nb-90m

MAT 4117

(n,n') d

41-Nb-90m

Radionuclide Production Cross Section



Incident Energy (MeV)

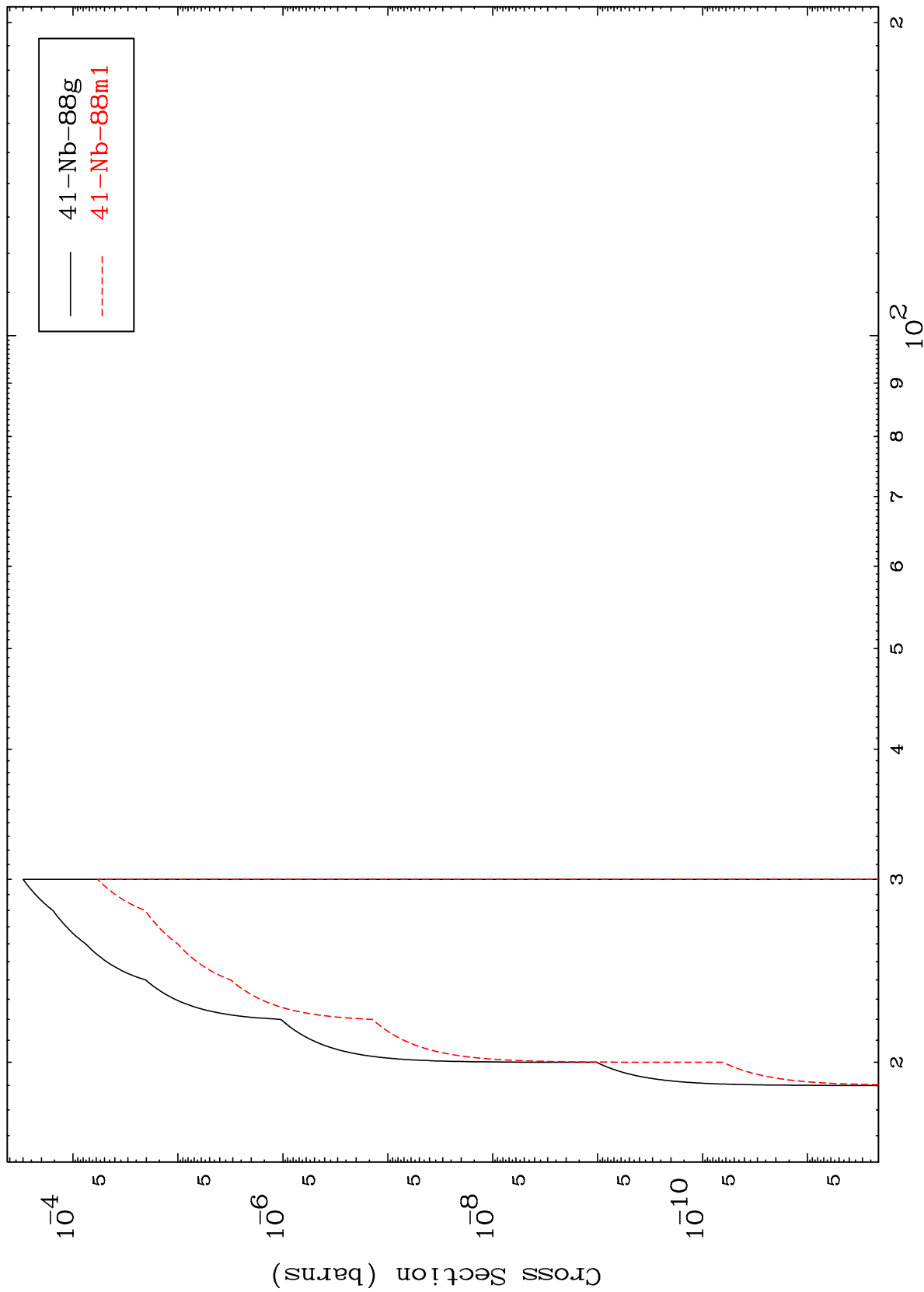
41-Nb-90m

MAT 4117

(n,n') t

41-Nb-90m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

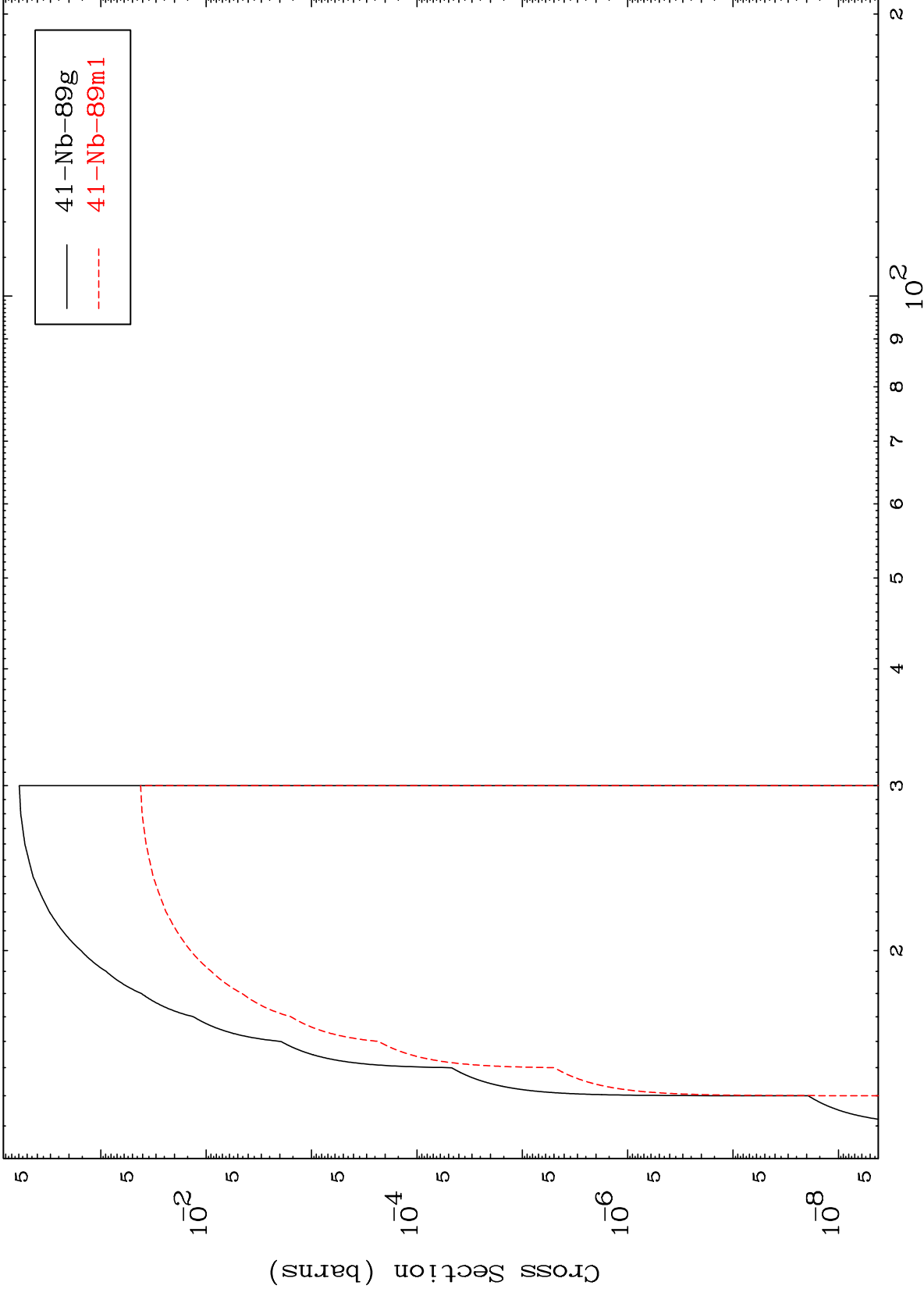
41-Nb-90m

MAT 4117

(n,2n) p

41-Nb-90m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

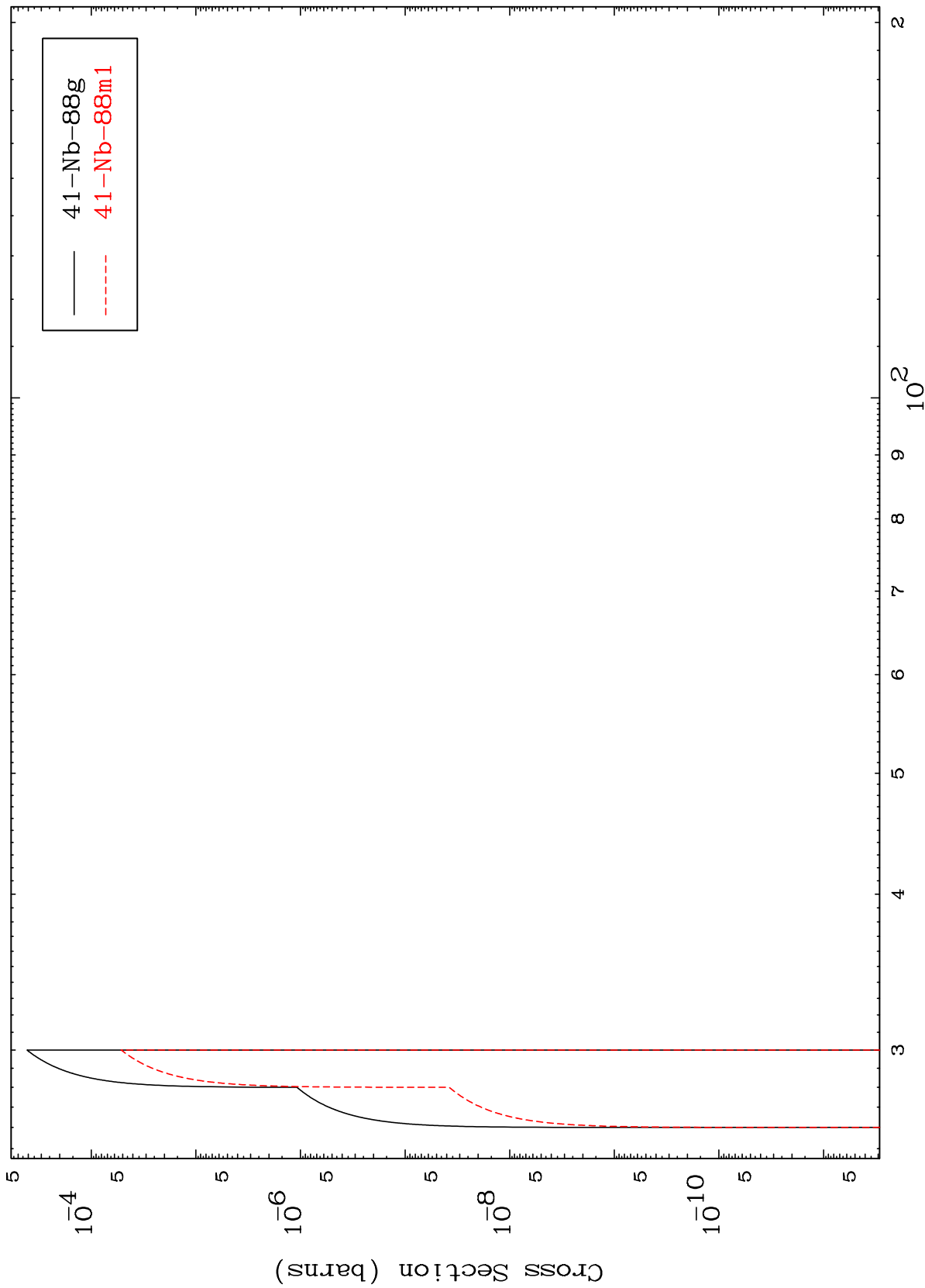
41-Nb-90m

MAT 4117

41-Nb-90m

(n,3n) p

Radionuclide Production Cross Section



21

Incident Energy (MeV)

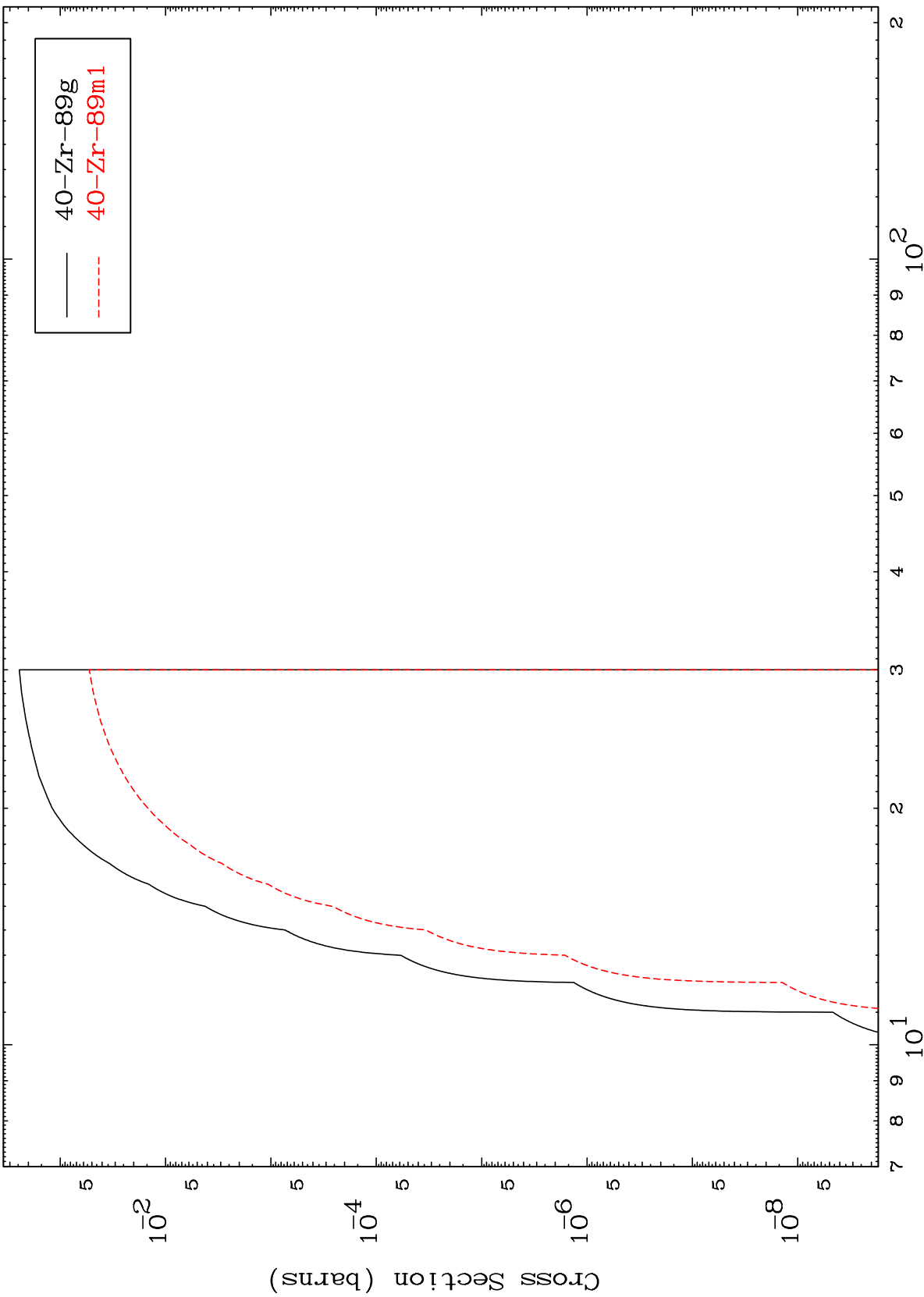
41-Nb-90m

MAT 4117

(n,2n) p

41-Nb-90m

Radionuclide Production Cross Section



22

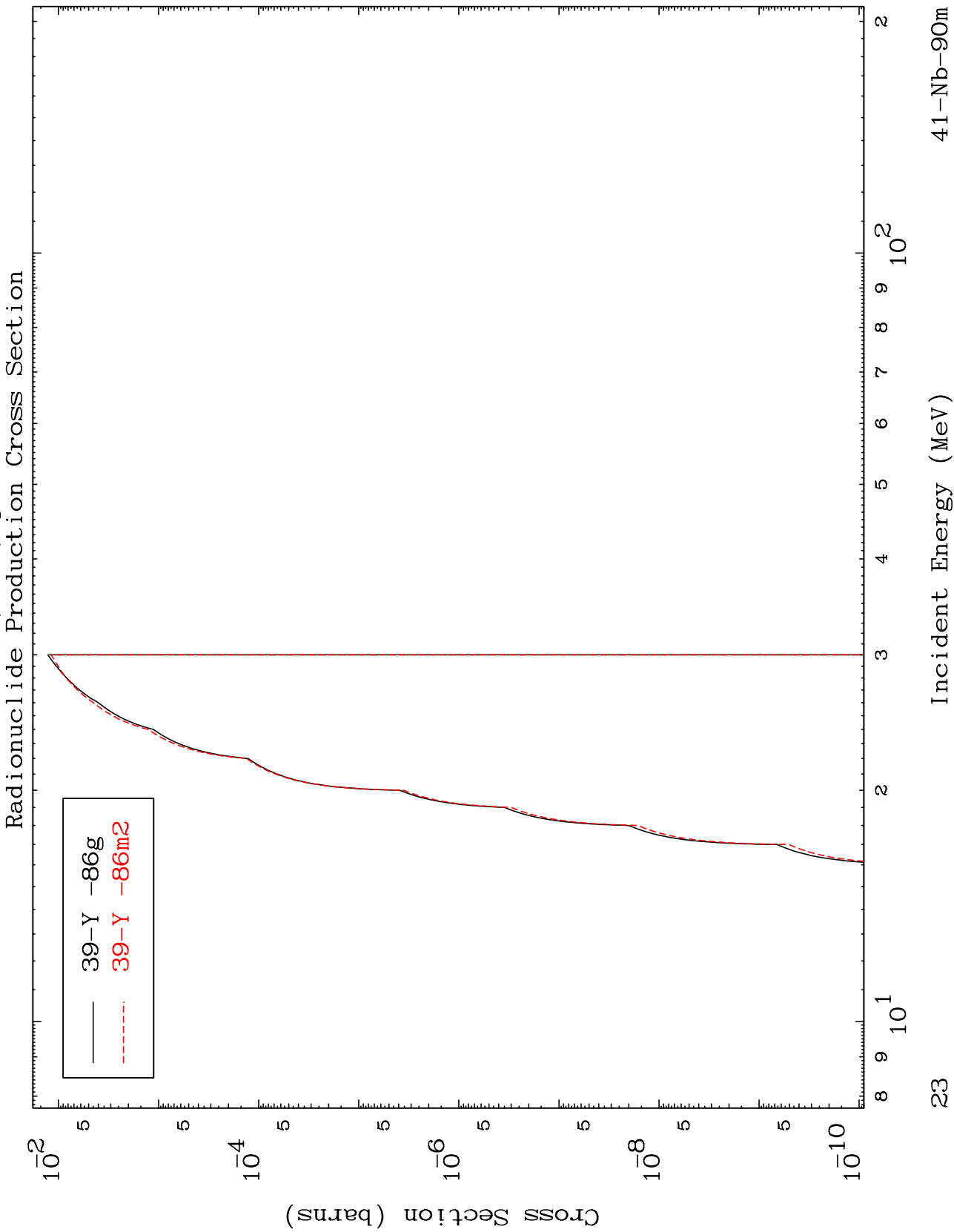
Incident Energy (MeV)

41-Nb-90m

MAT 4117

(n,n') p  $\alpha$

41-Nb-90m



23

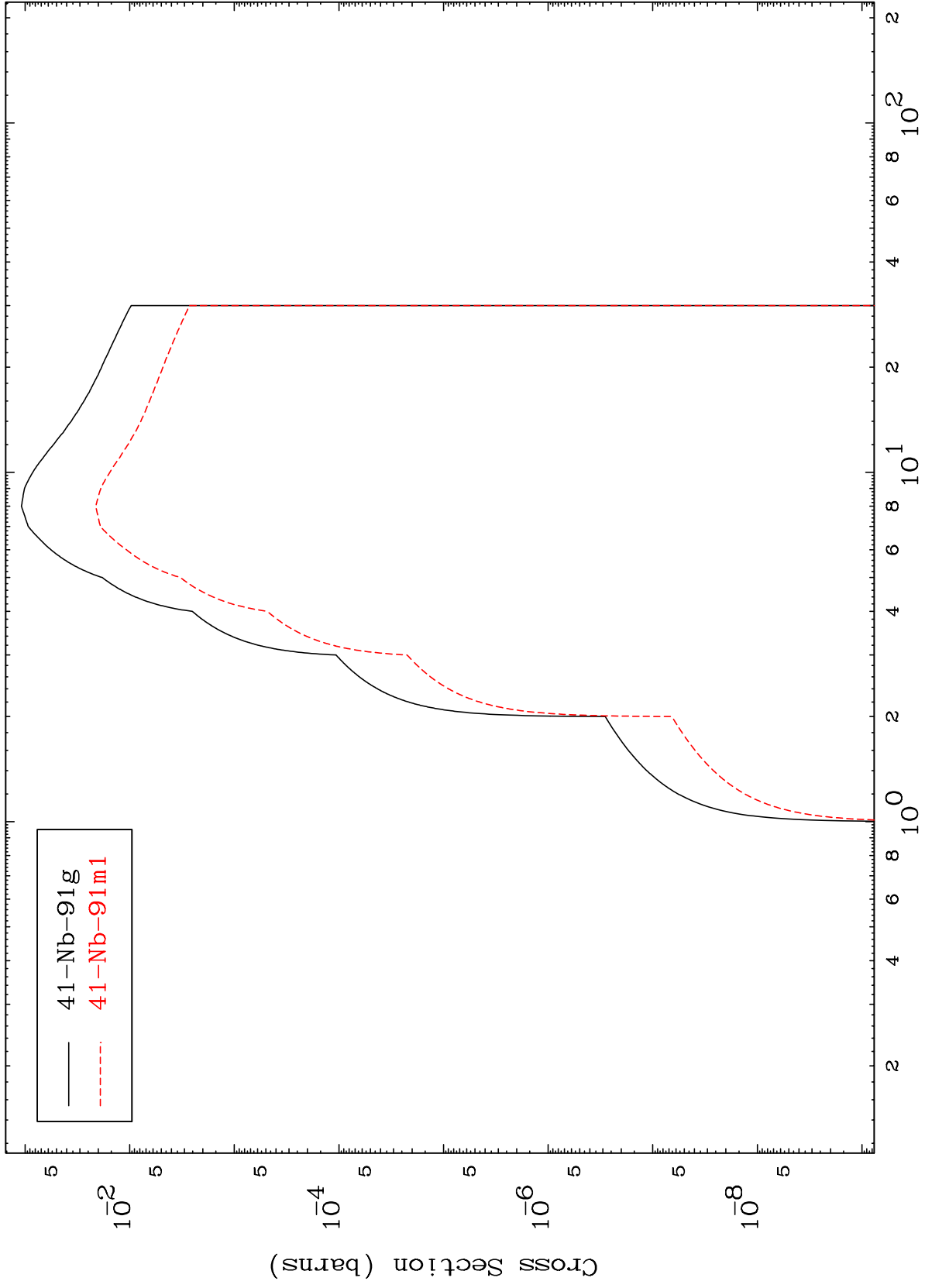
41-Nb-90m



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41-Nb-90m

(n,p)  
Radionuclide Production Cross Section



41-Nb-90m

Incident Energy (MeV)

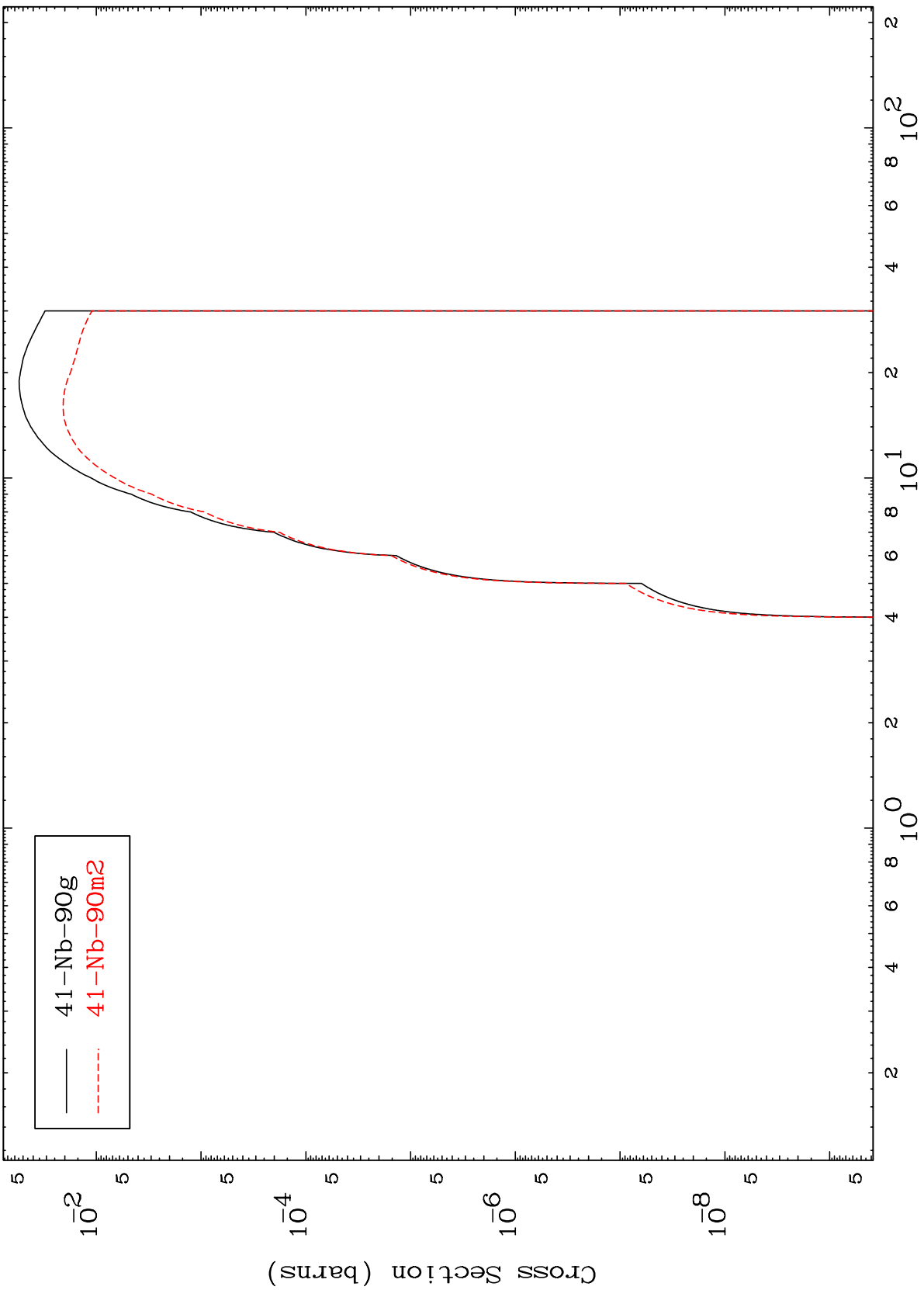
24

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(n,d)

41-Nb-90m

Radionuclide Production Cross Section

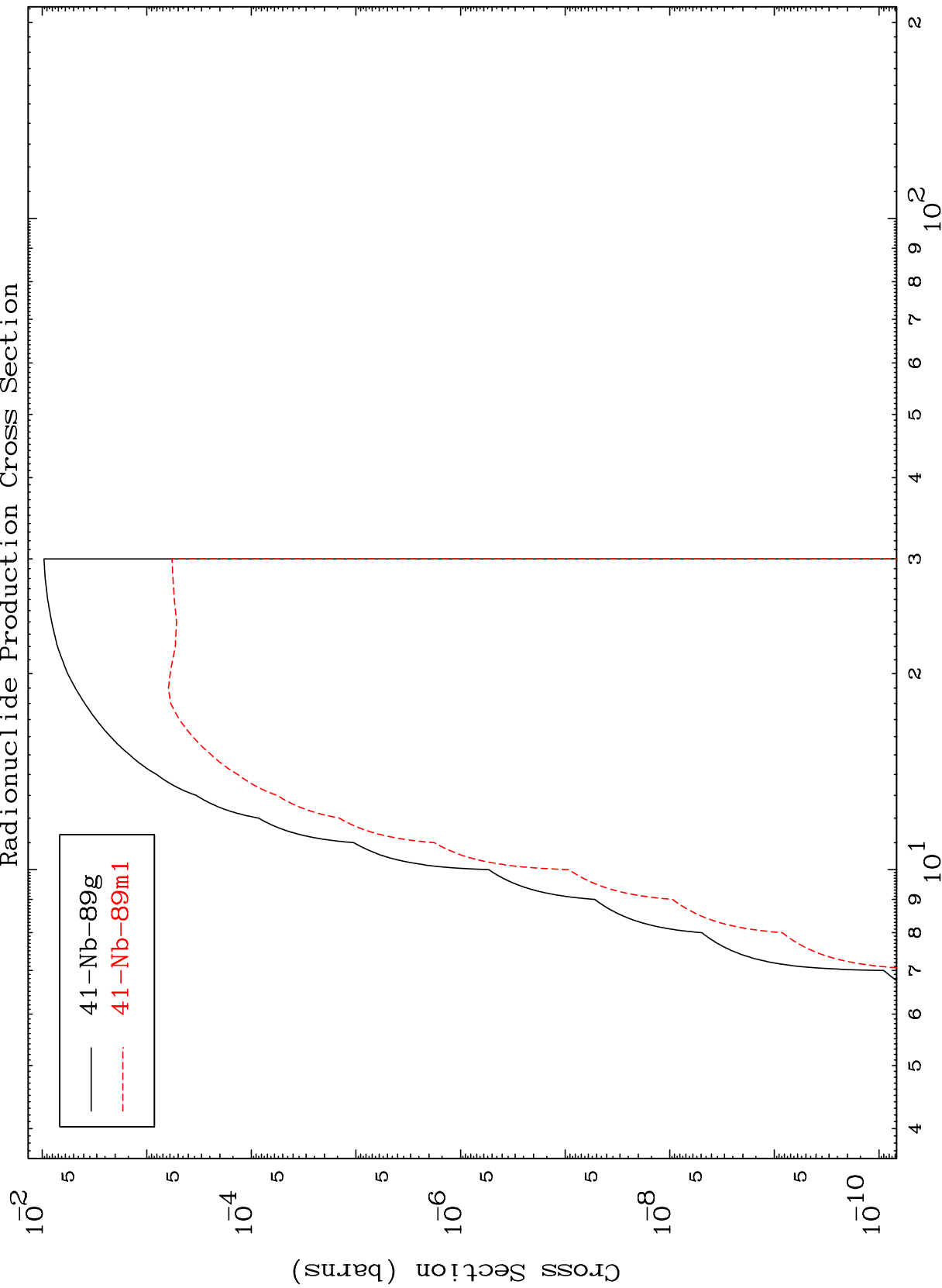


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(n, t)

41-Nb-90m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

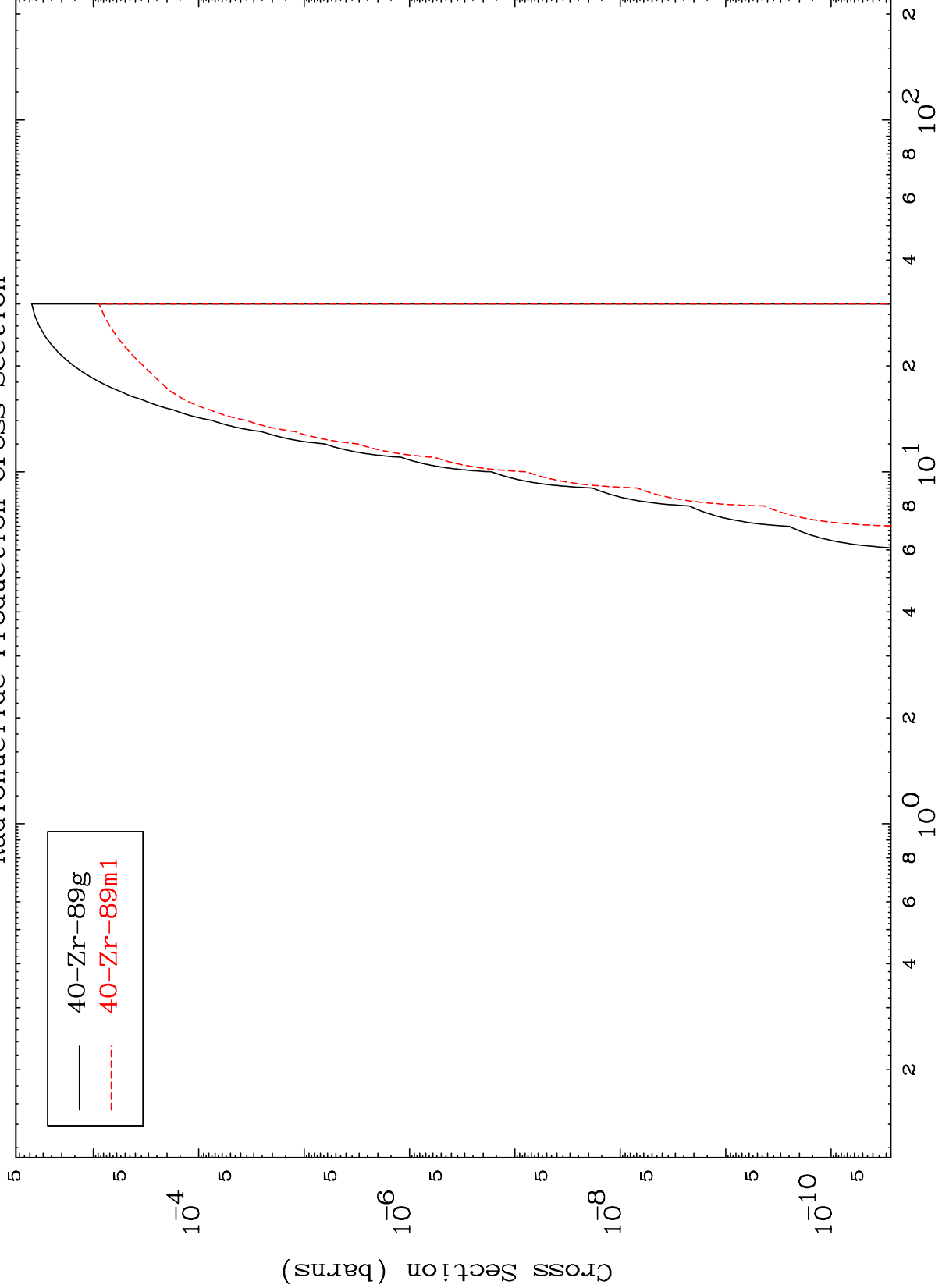
41-Nb-90m

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(n,He-3)

41-Nb-90m

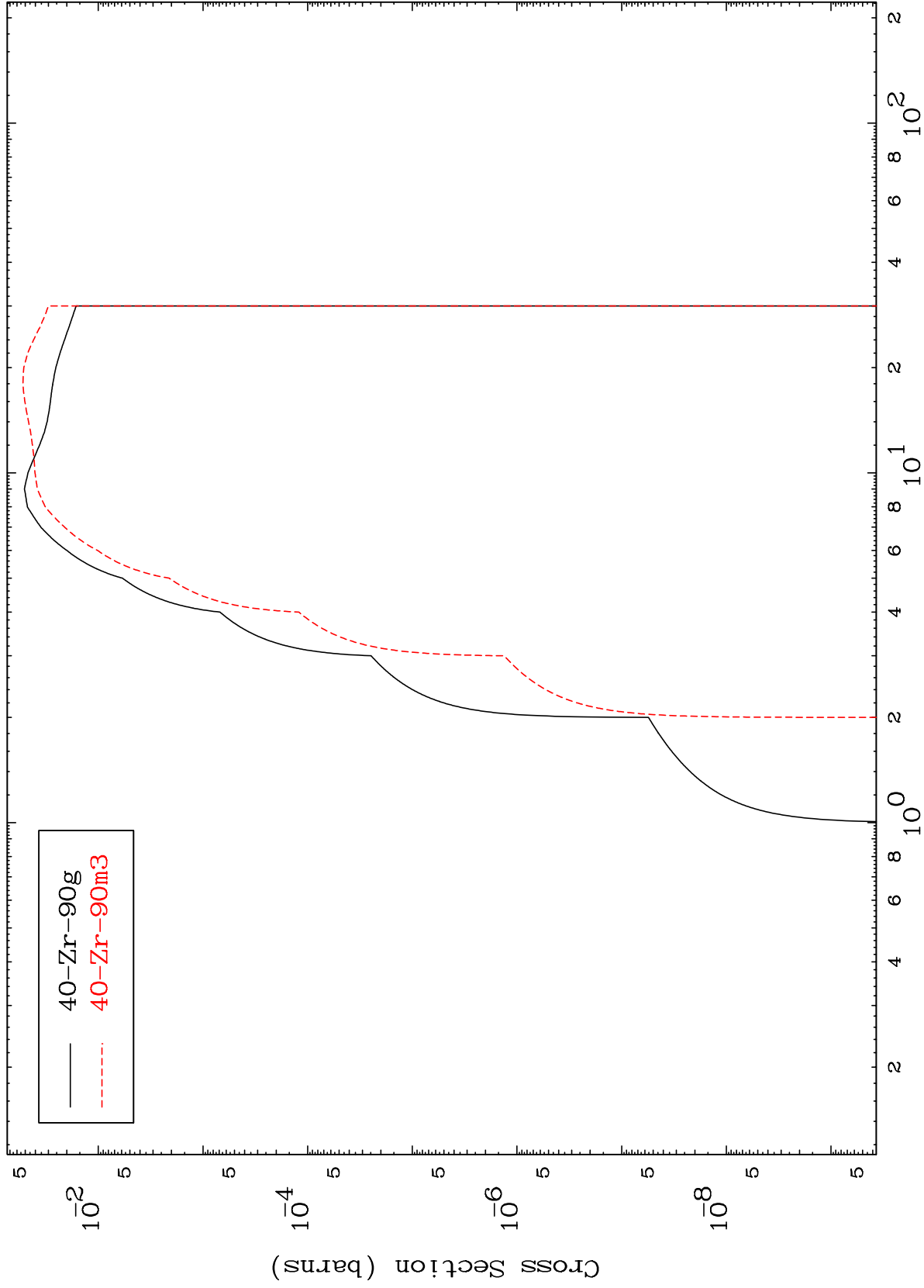
Radionuclide Production Cross Section



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41-Nb-90m

(n,2p)  
Radionuclide Production Cross Section



28

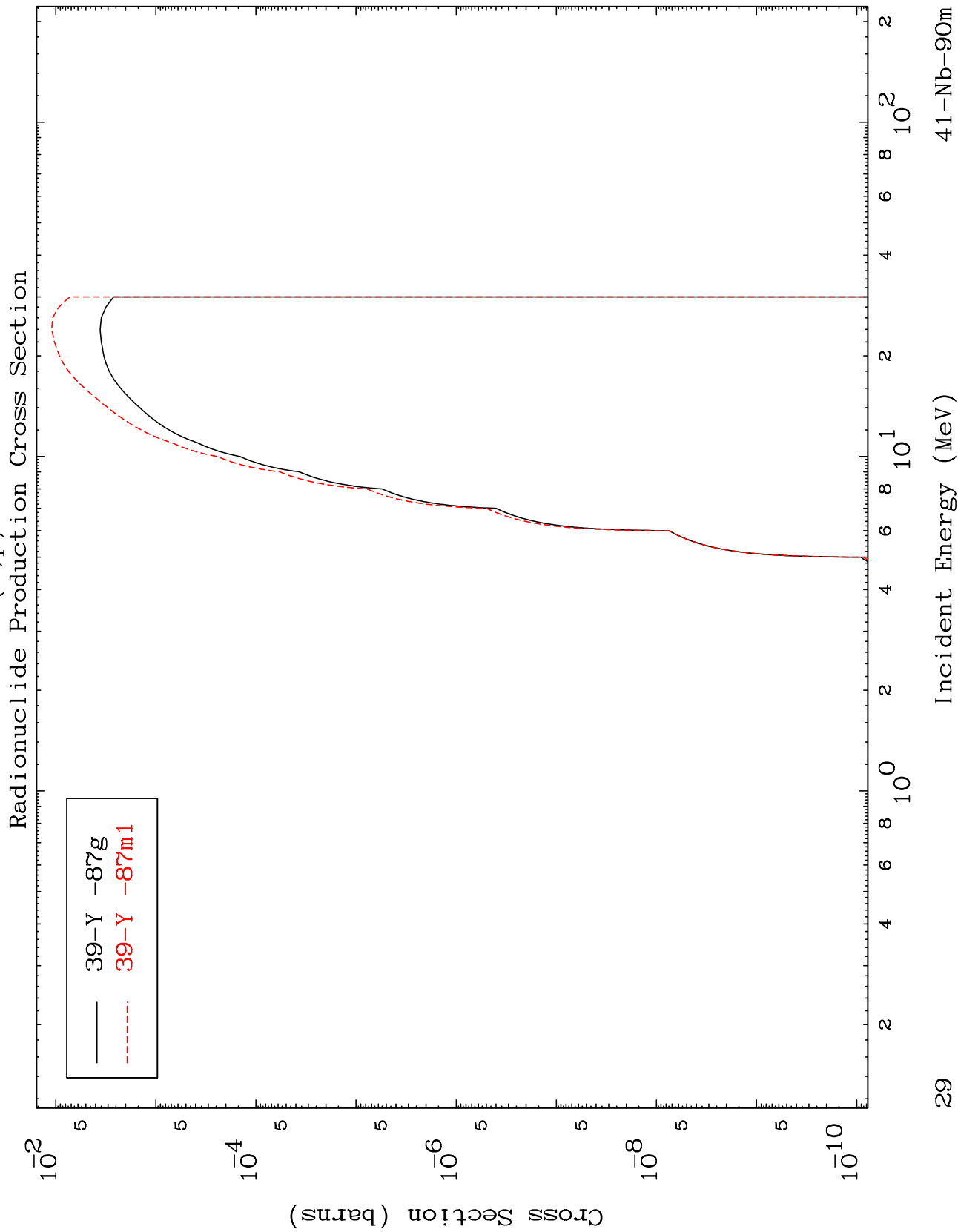
Incident Energy (MeV)

41-Nb-90m

MAT 4117

(n,p)  $\alpha$

41-Nb-90m



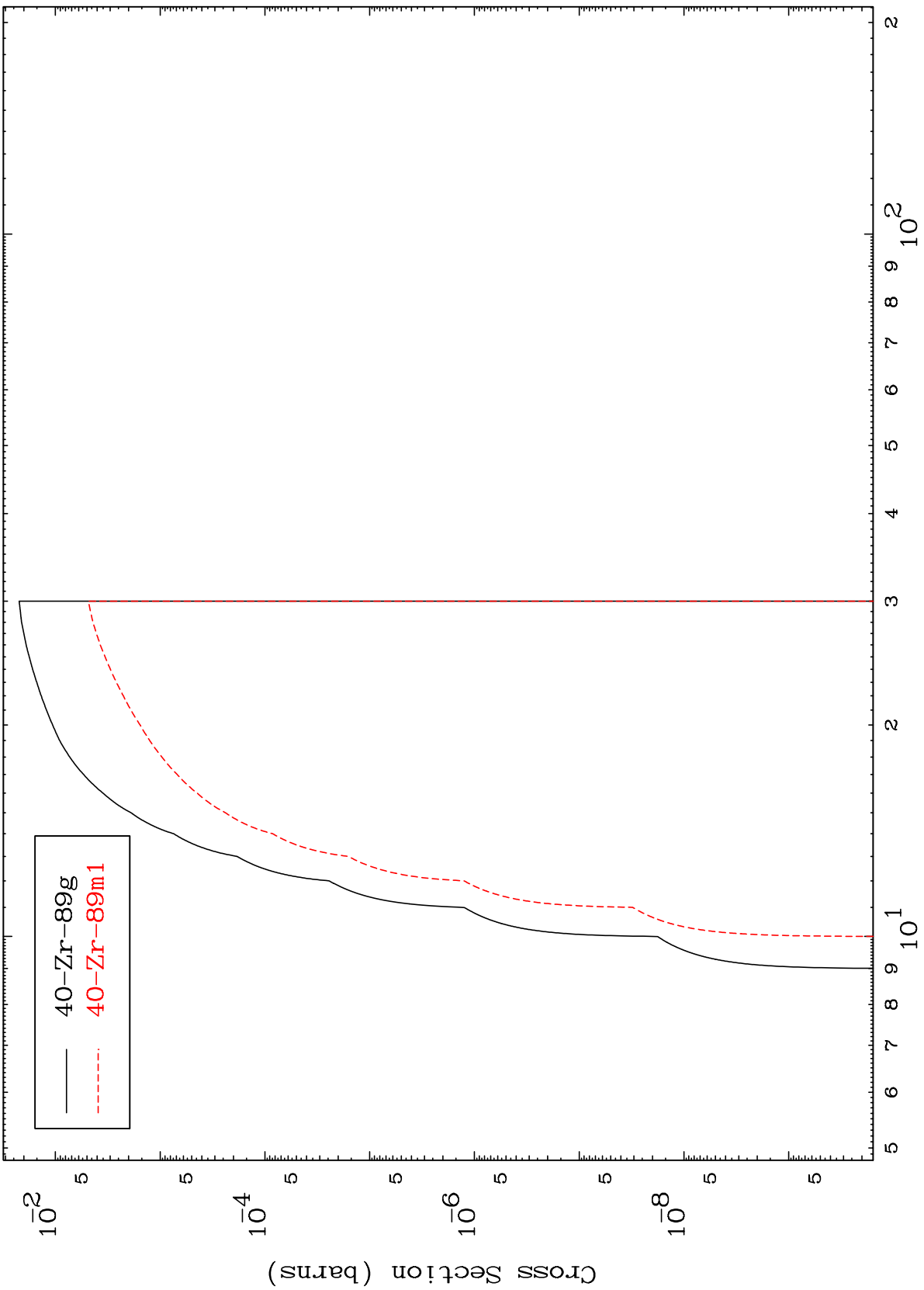
29

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(n,p) d

41-Nb-90m

Radionuclide Production Cross Section



— 40-Zr-89g  
- - - 40-Zr-89m1

30

Incident Energy (MeV)

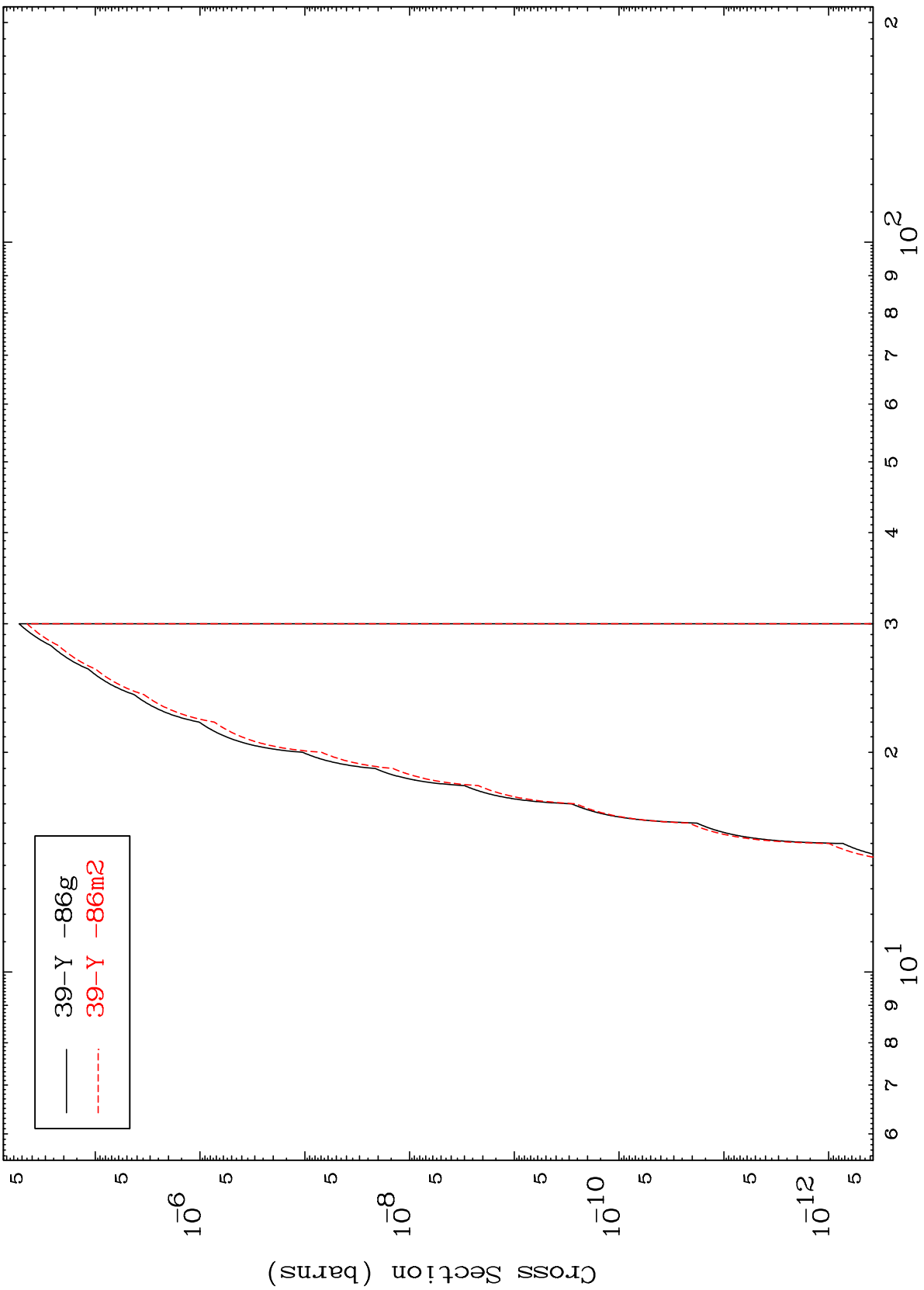
41-Nb-90m

MAT 4117

(n,d)  $\alpha$

41-Nb-90m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

41-Nb-90m