

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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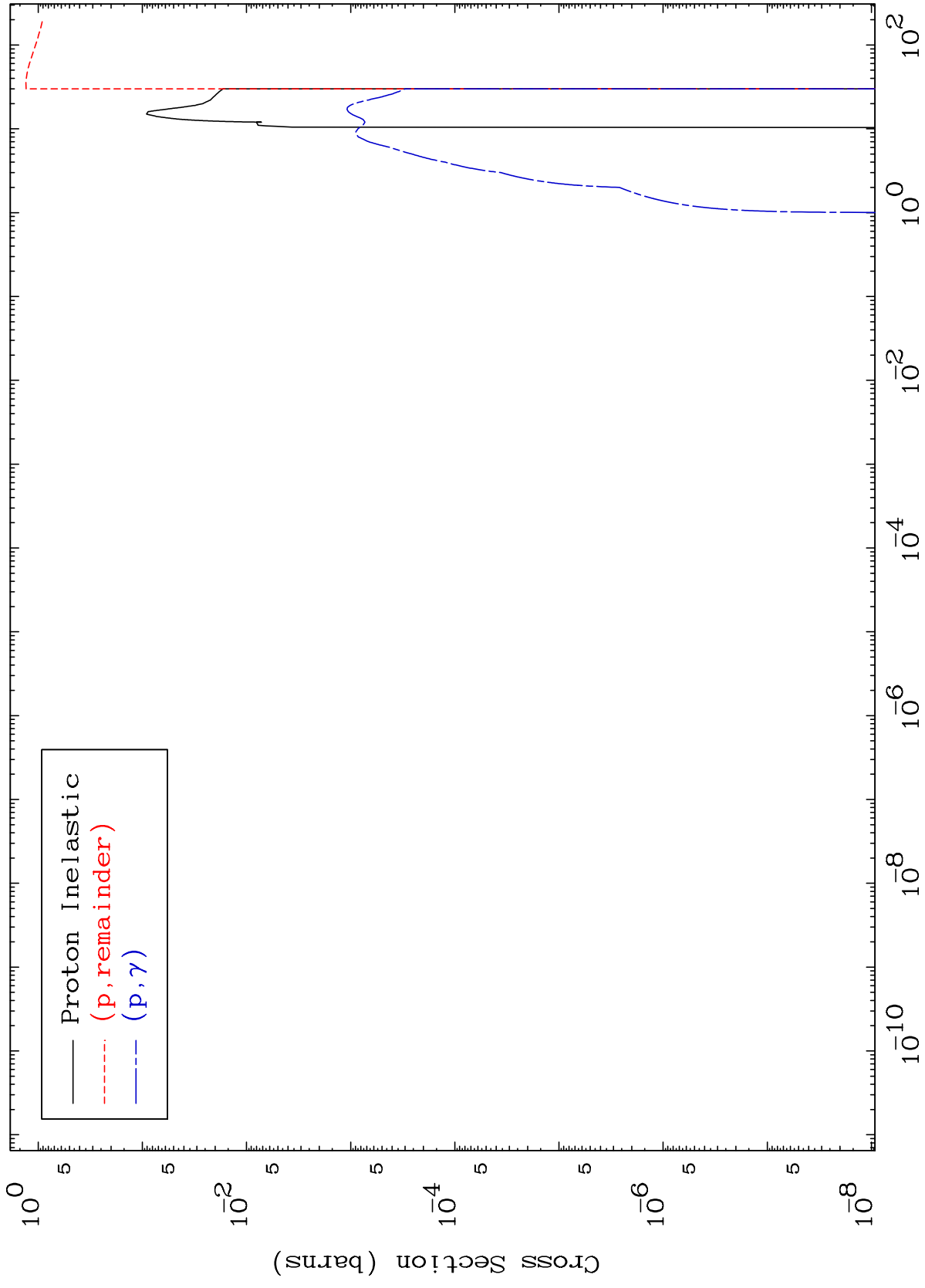
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4219

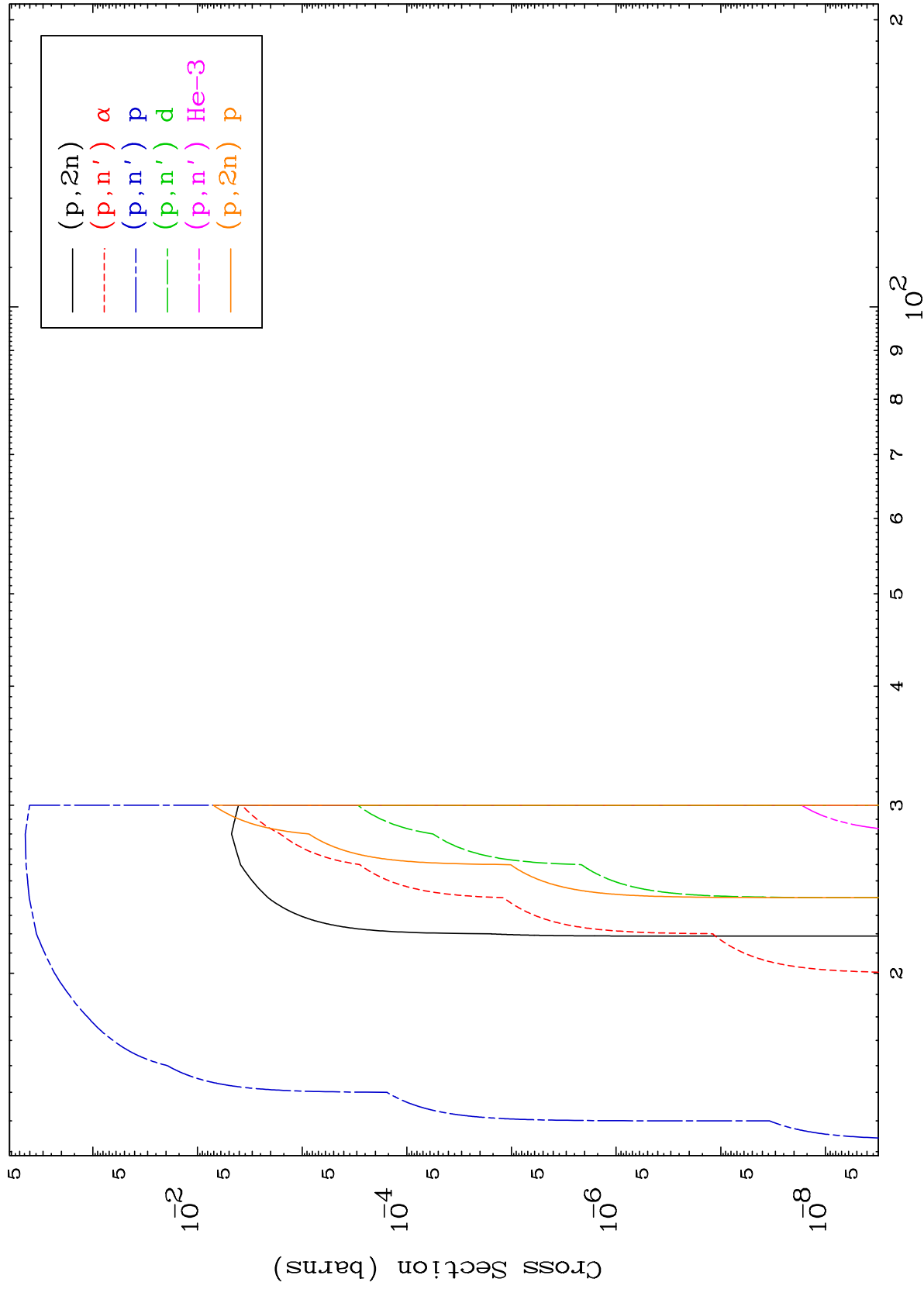
Proton Major  
0 Kelvin Cross Sections

42-Mo-90



1

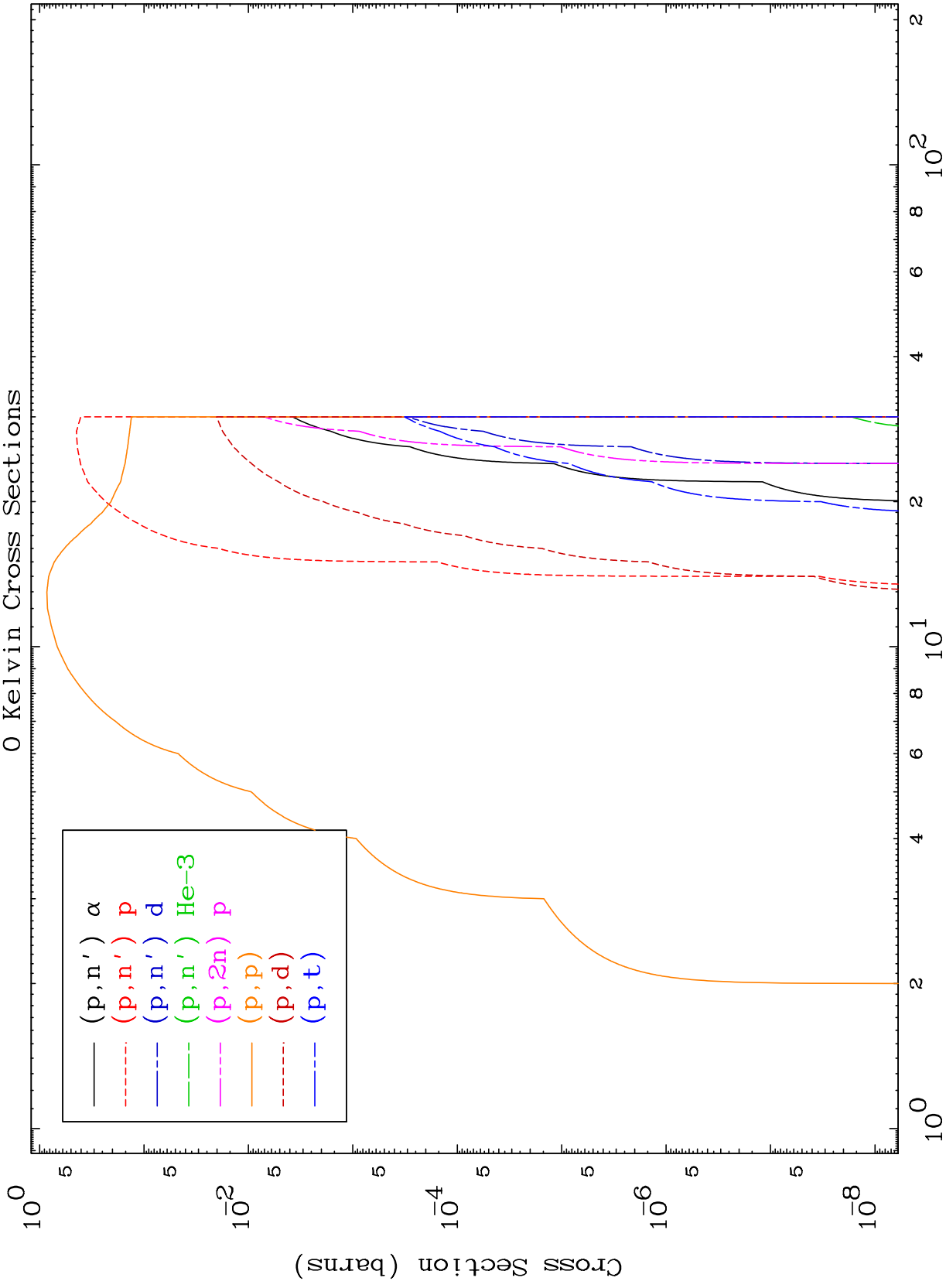
42-Mo-90



MAT 4219

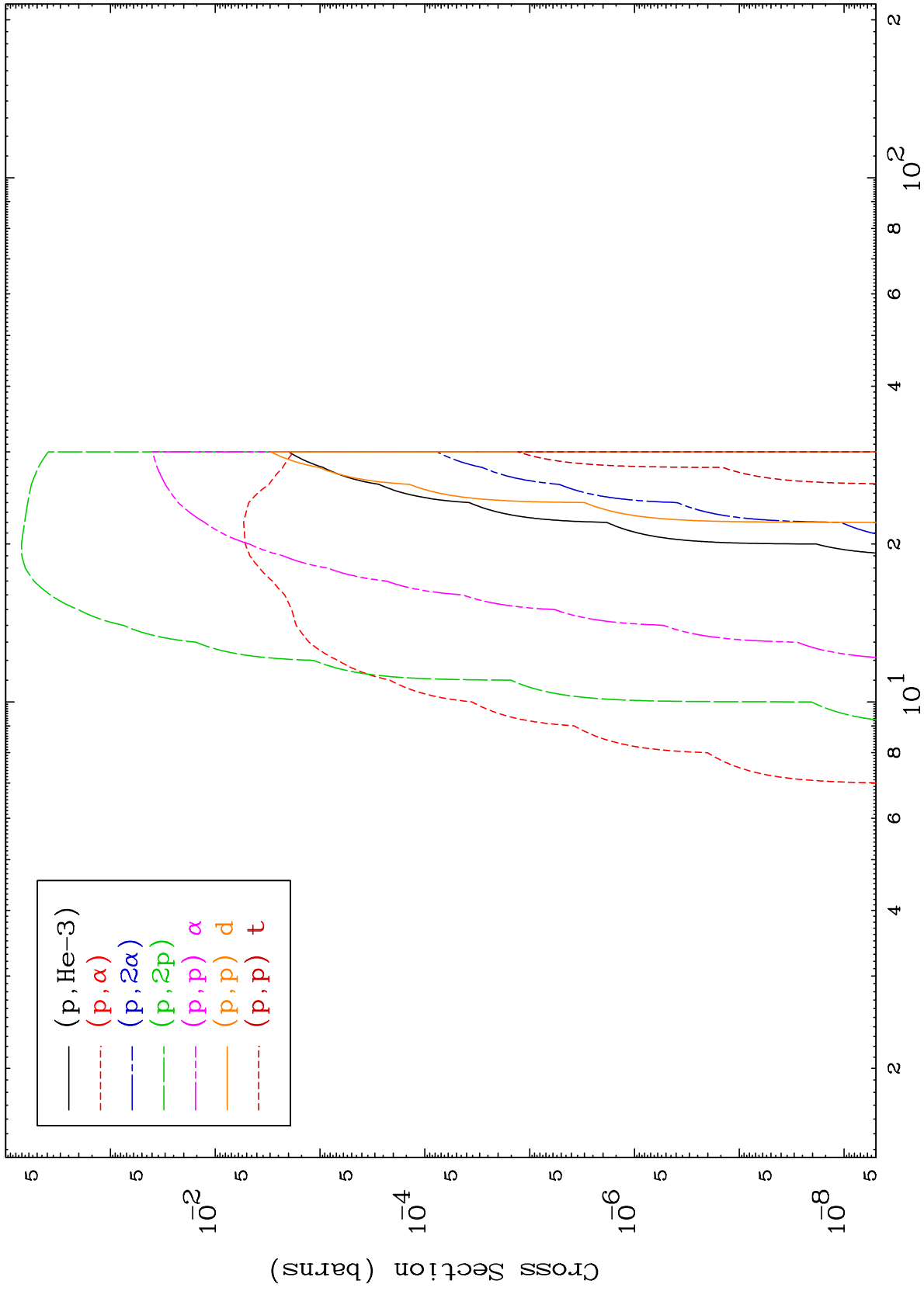
Proton Charged Particle  
0 Kelvin Cross Sections

42-Mo-90



Incident Energy (MeV)

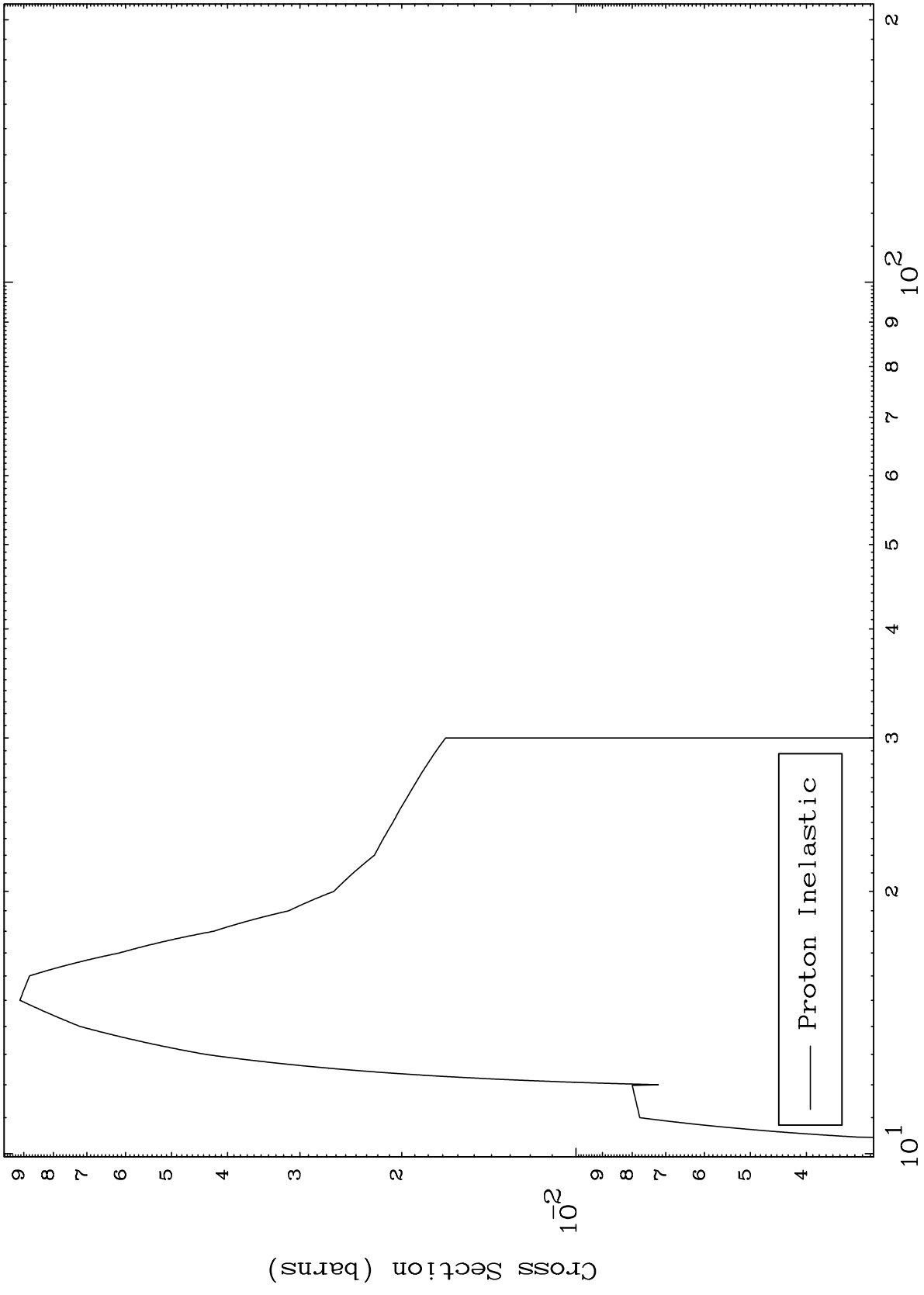
42-Mo-90



MAT 4219

(p,n') Level  
0 Kelvin Cross Sections

42-Mo-90



Proton Inelastic

5

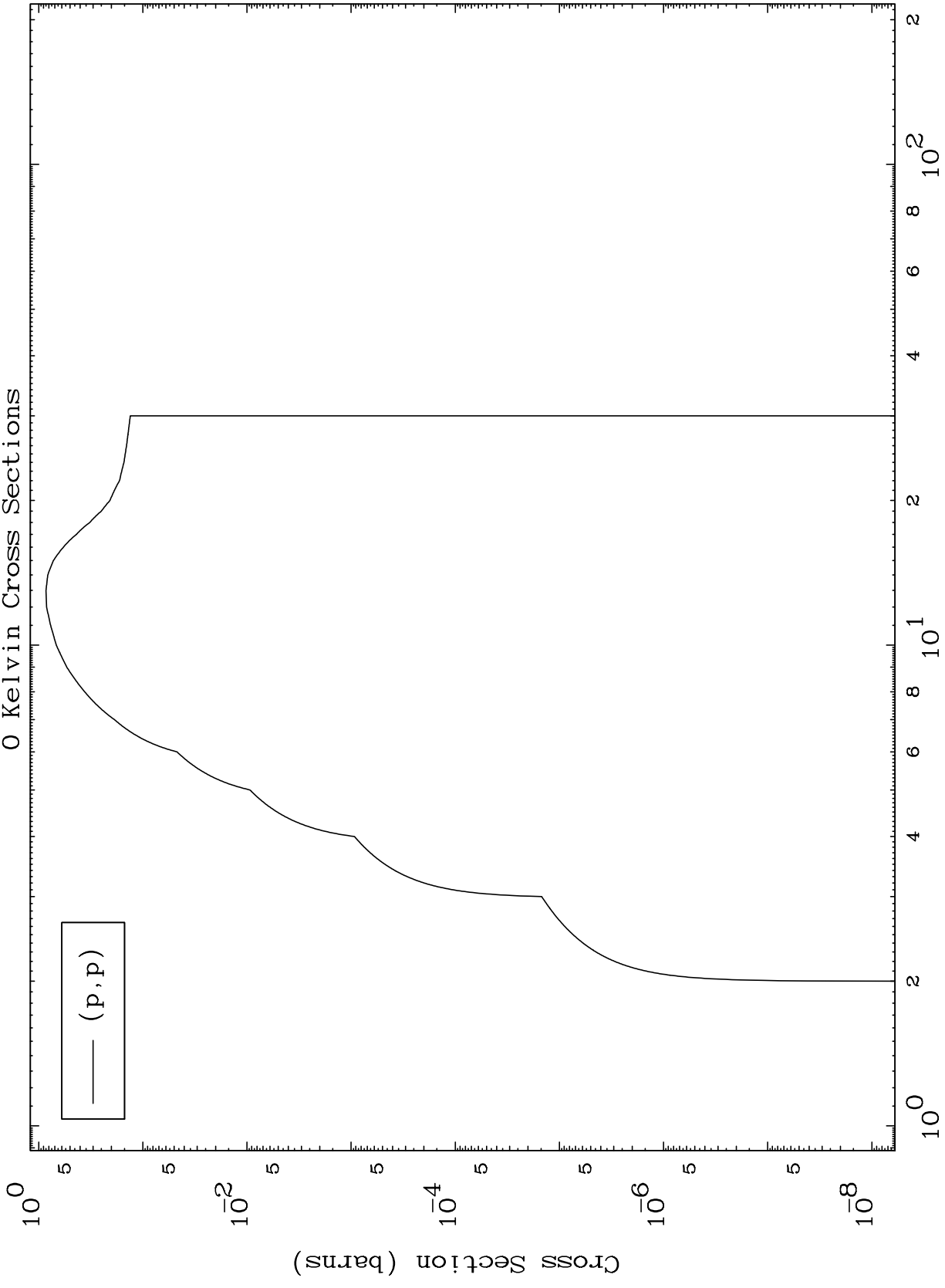
Incident Energy (MeV)

42-Mo-90

MAT 4219

(p,p) Levels  
0 Kelvin Cross Sections

42-Mo-90



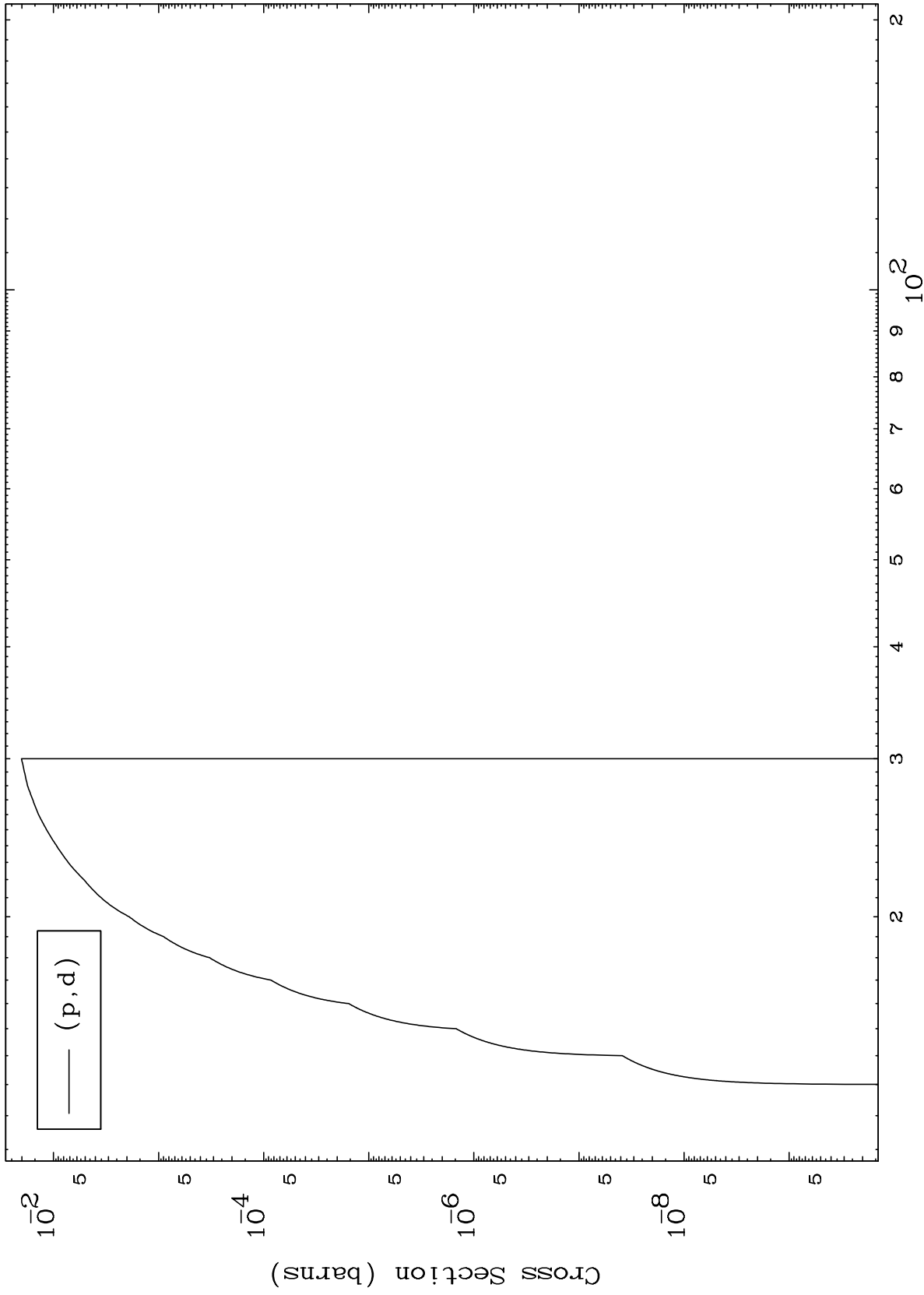
Incident Energy (MeV)

42-Mo-90

MAT 4219

(p,d) Levels  
0 Kelvin Cross Sections

42-Mo-90



7

Incident Energy (MeV)

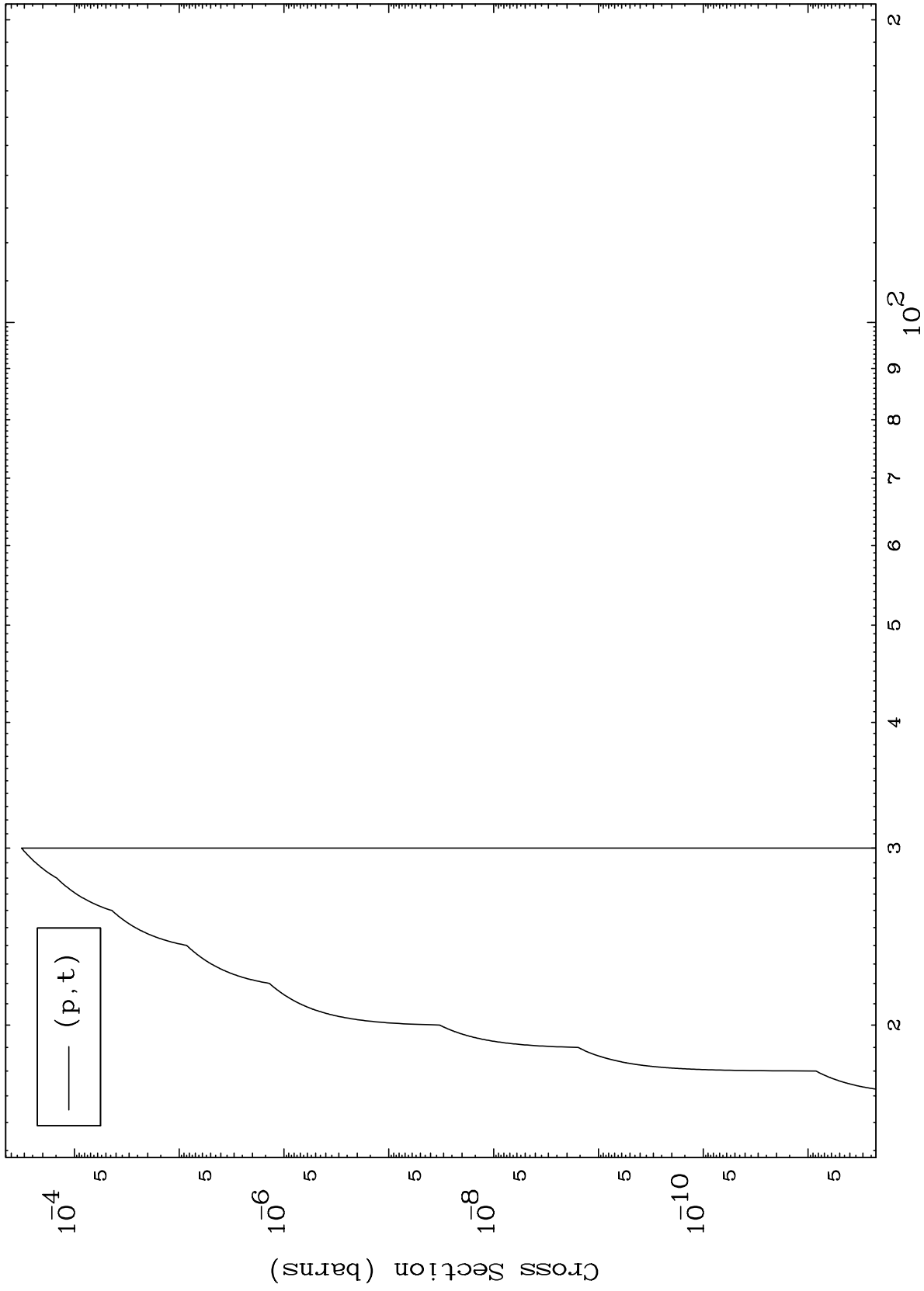
42-Mo-90



MAT 4219

(p,t) Levels  
0 Kelvin Cross Sections

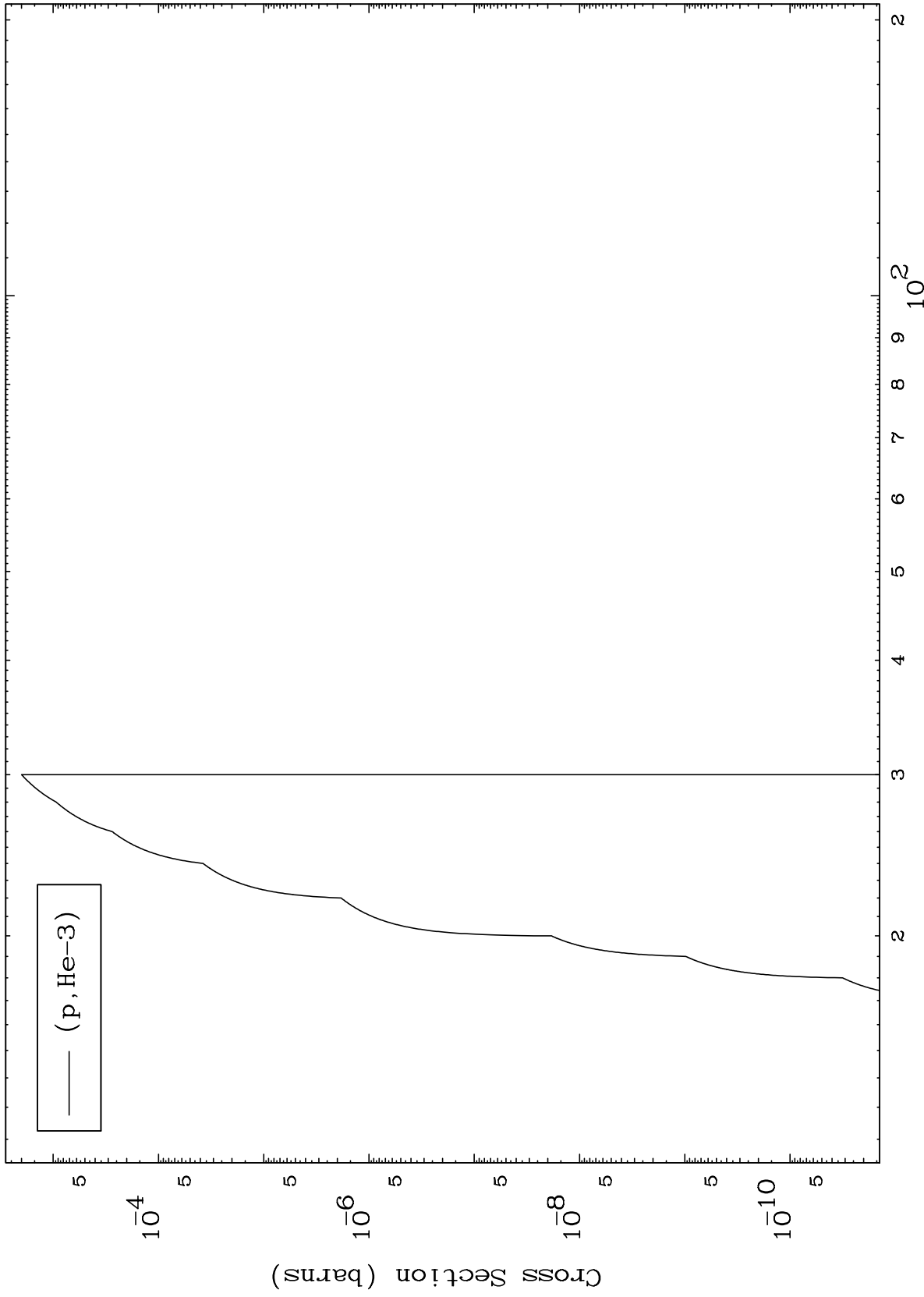
42-Mo-90



8

Incident Energy (MeV)

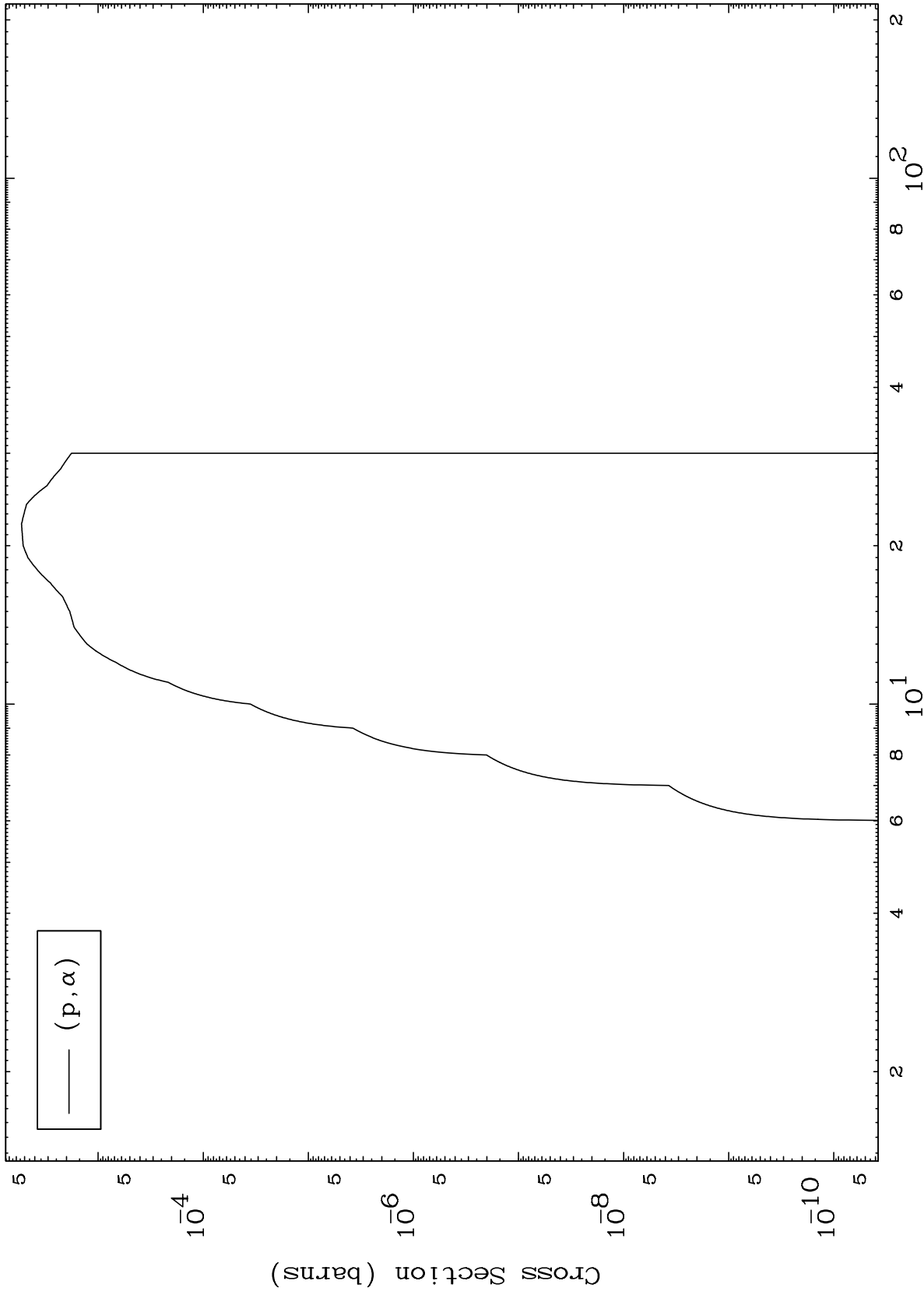
42-Mo-90



MAT 4219

(p,α) Levels  
0 Kelvin Cross Sections

42-Mo-90



10

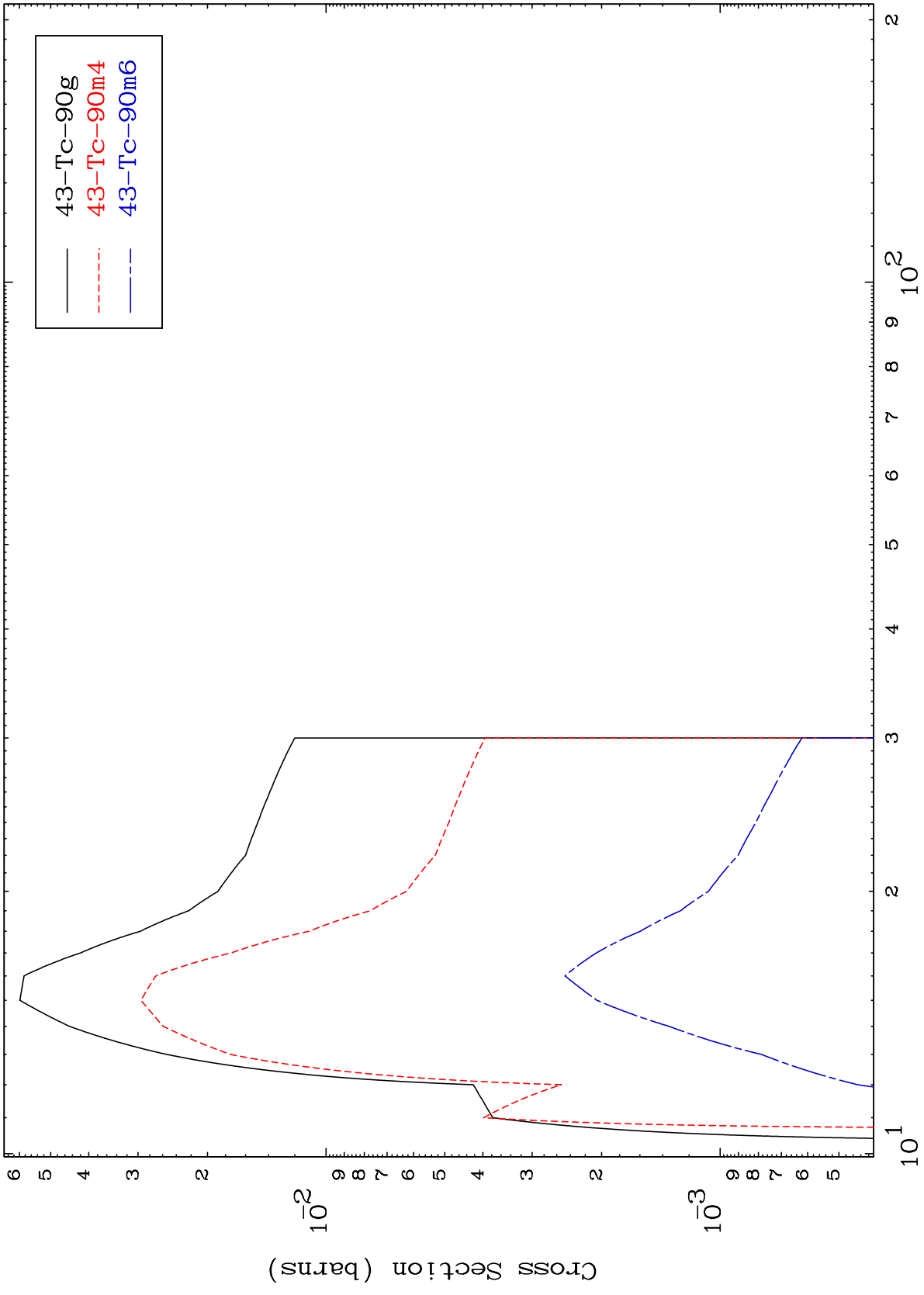
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

Proton Inelastic  
Radionuclide Production Cross Section



42-Mo-90

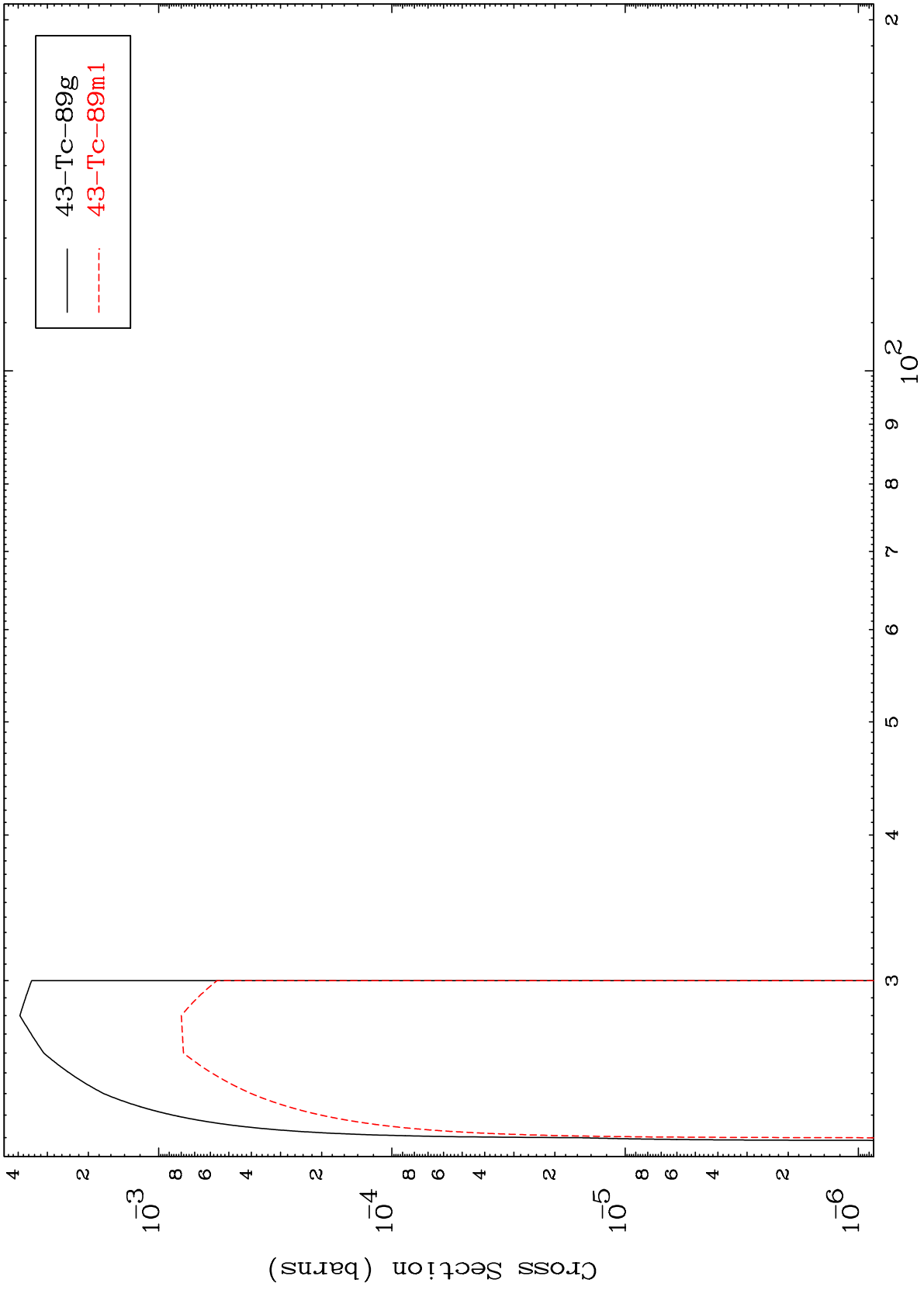
Incident Energy (MeV)

11

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42-Mo-90

Radionuclide Production Cross Section  
(p,2n)



12

Incident Energy (MeV)

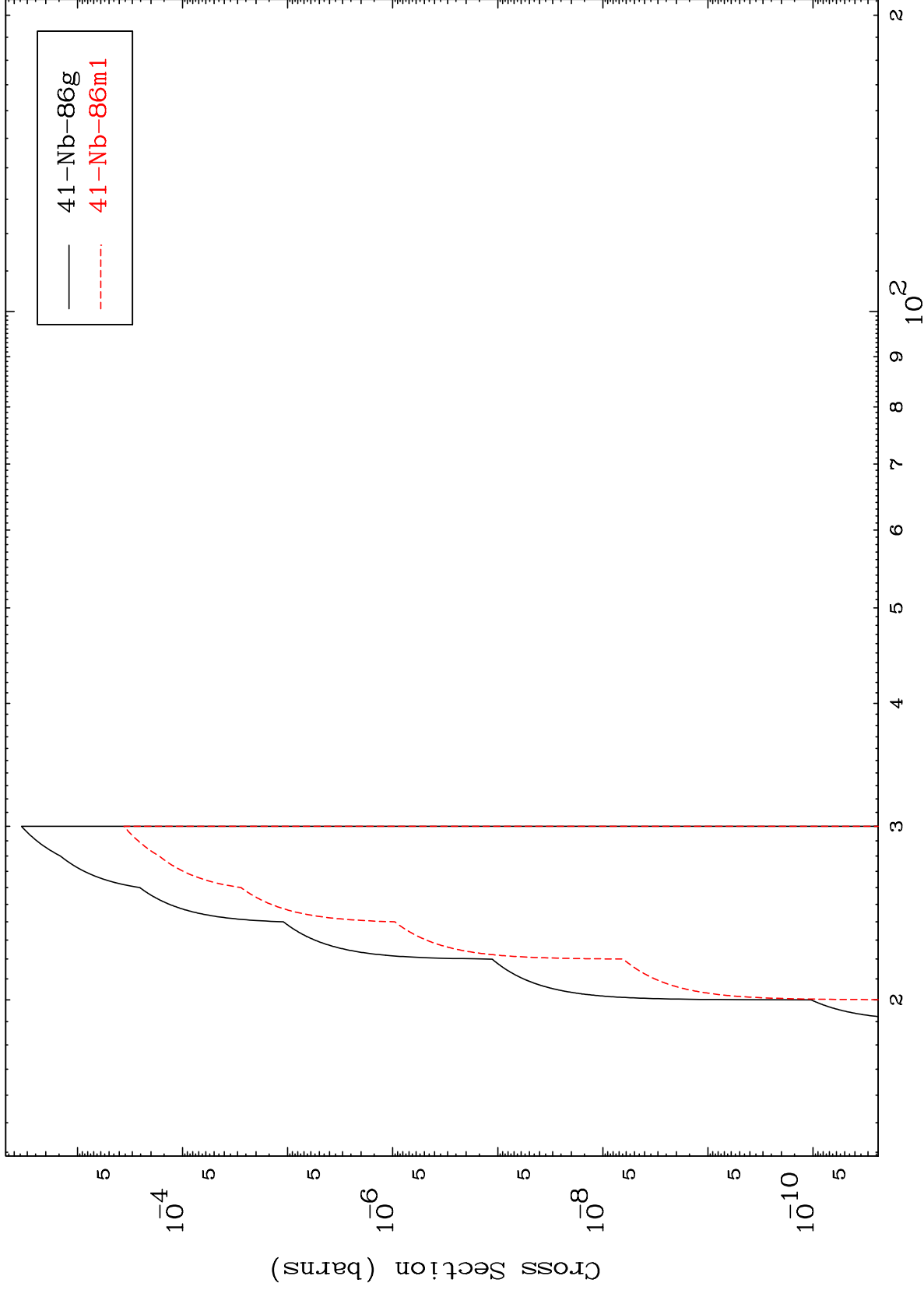
42-Mo-90

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(p,n')  $\alpha$

42-Mo-90

Radionuclide Production Cross Section



13

Incident Energy (MeV)

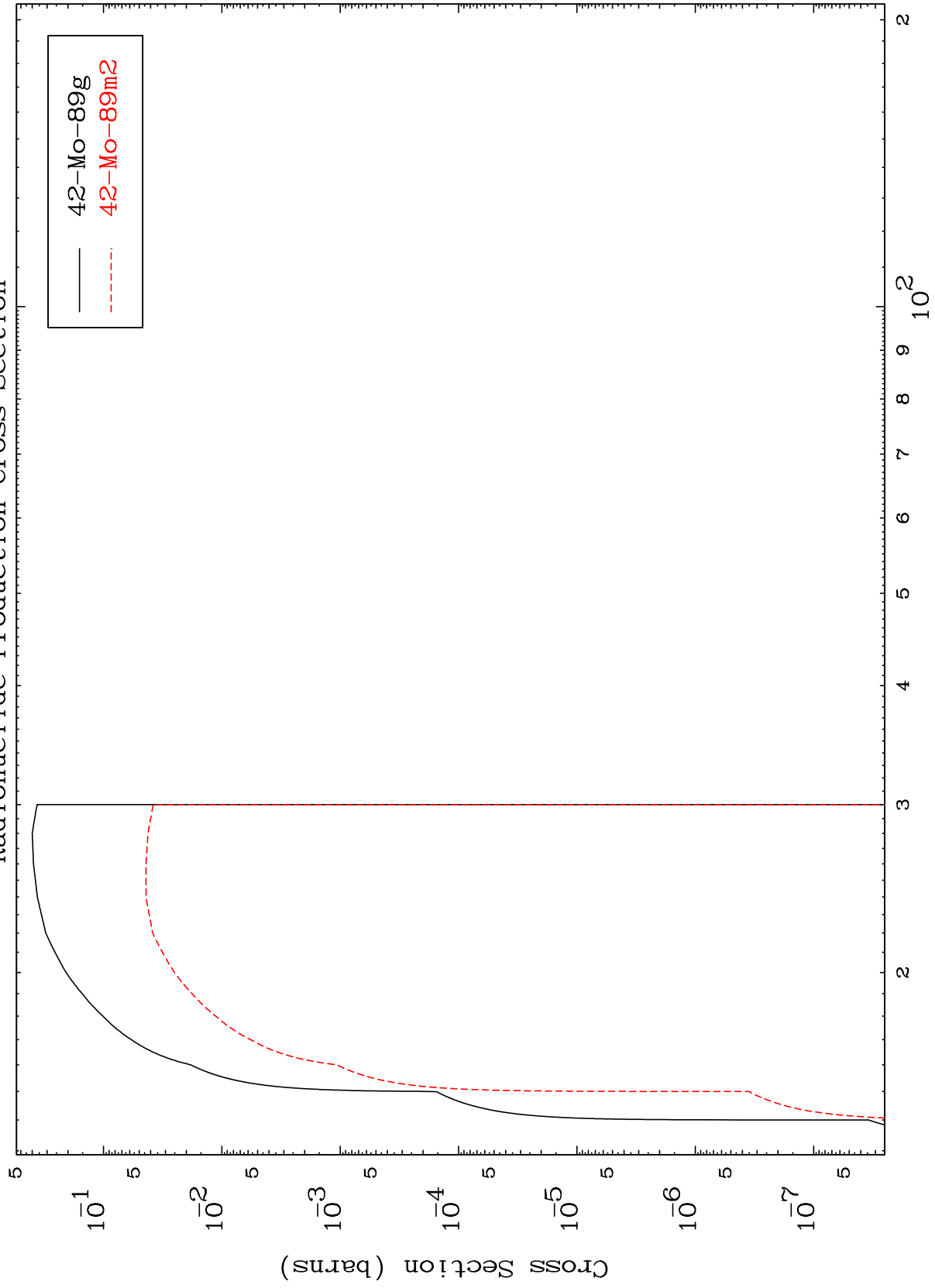
42-Mo-90

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(p,n') p

42-Mo-90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

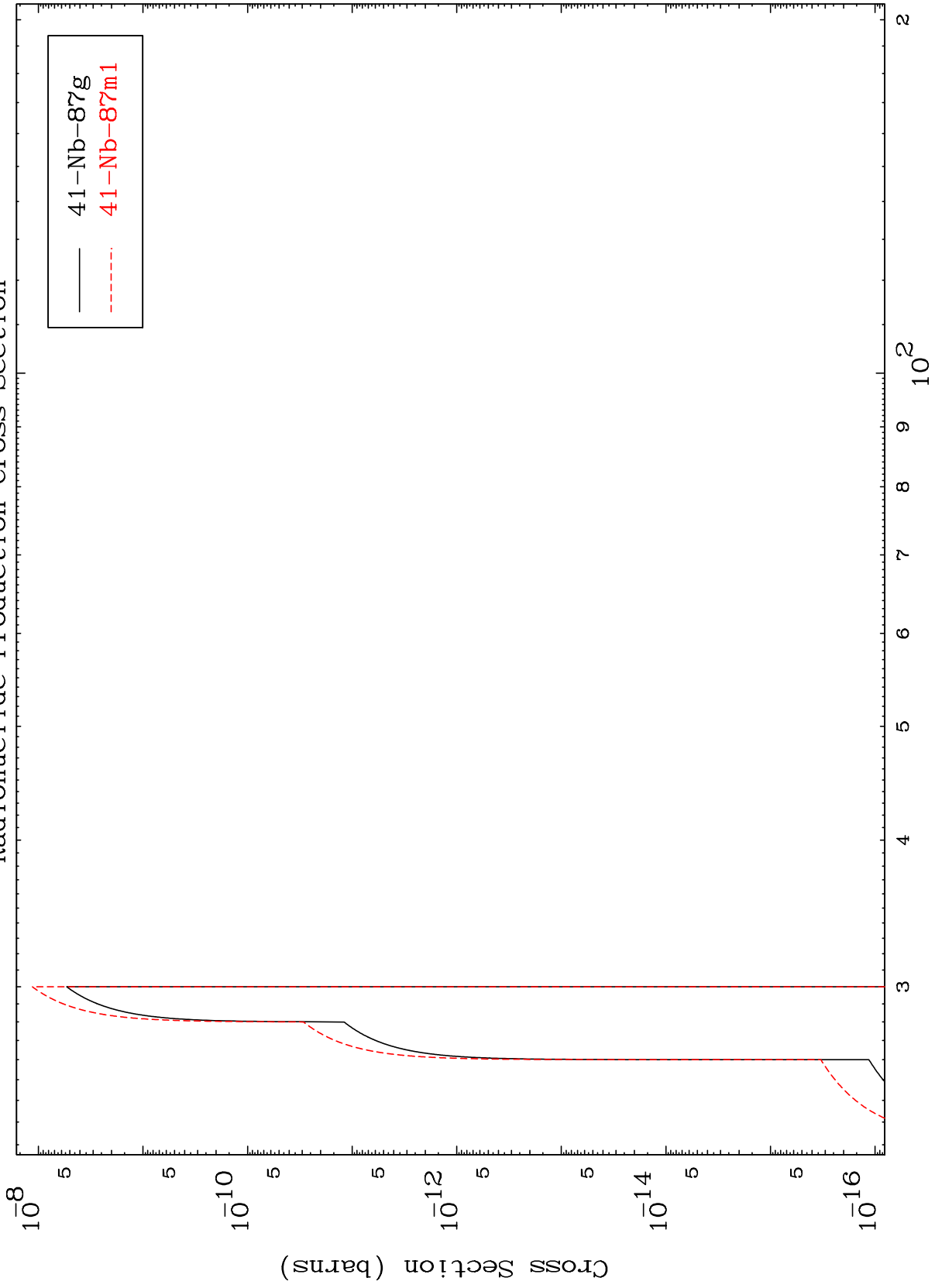
42-Mo-90

MAT 4219

(p,n') He-3

42-Mo-90

Radionuclide Production Cross Section



15

Incident Energy (MeV)

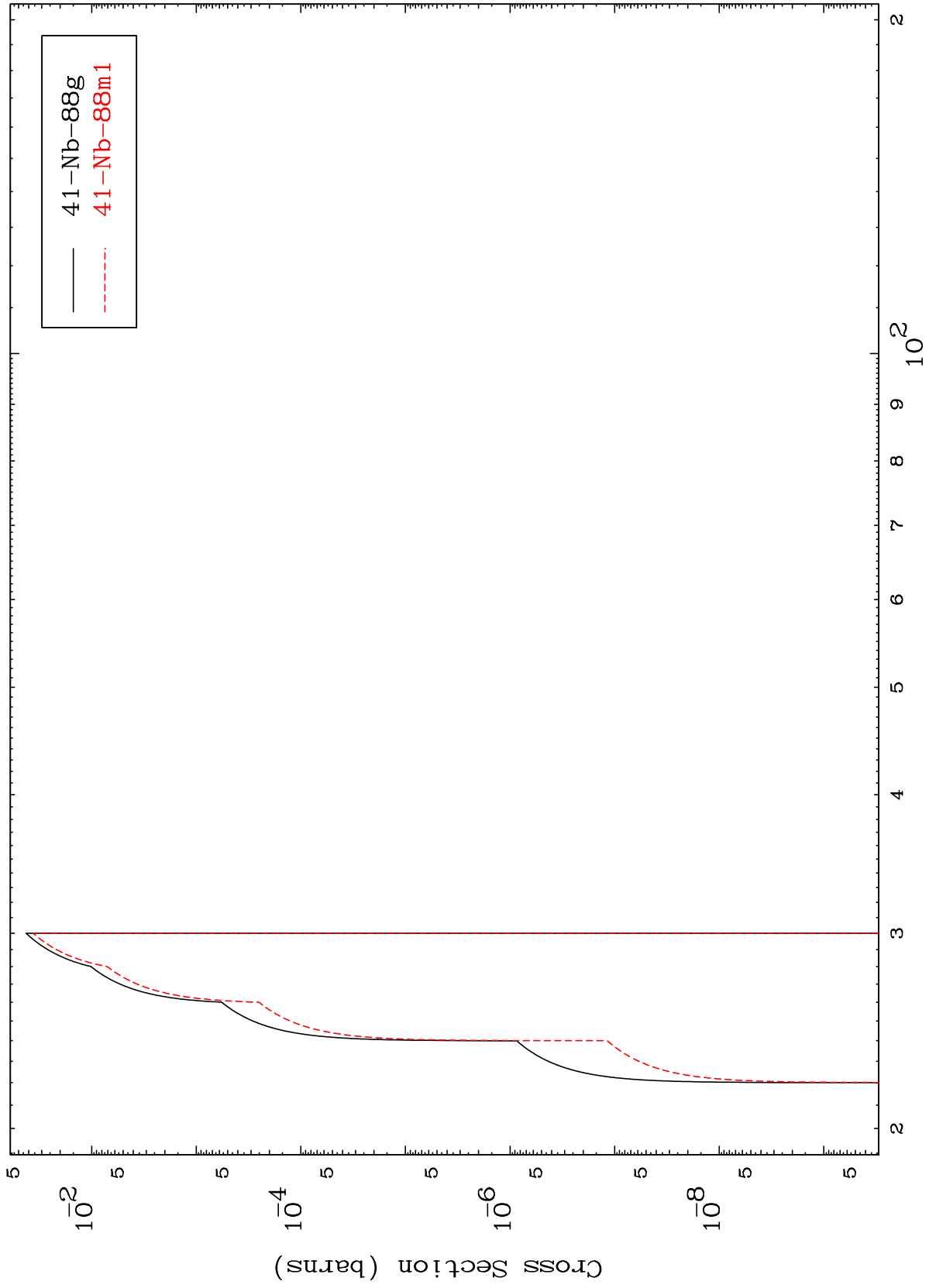
42-Mo-90



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42-Mo-90

(p,2n) p  
Radionuclide Production Cross Section



16

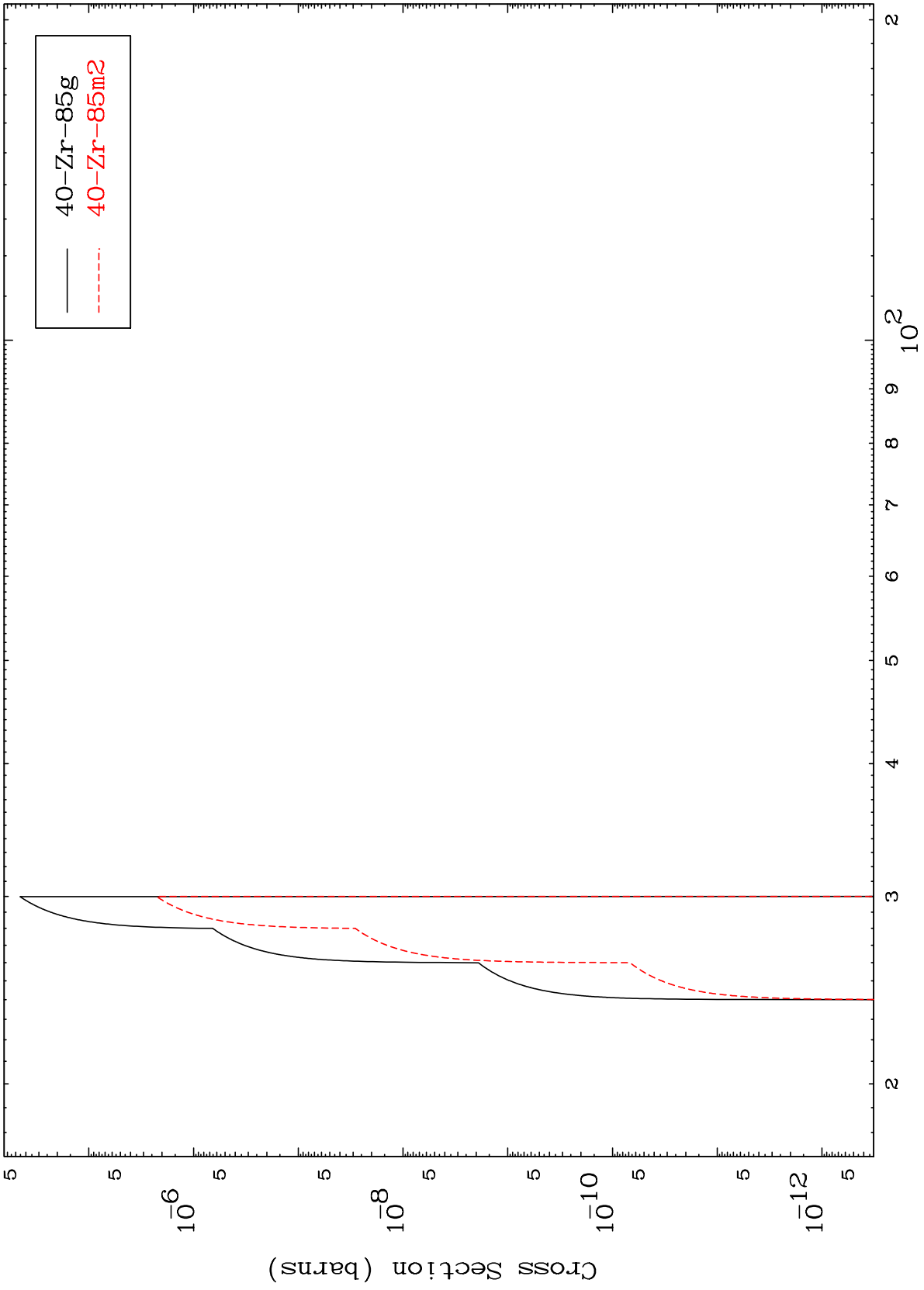
Incident Energy (MeV)

42-Mo-90

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42-Mo-90

(p,n') p  $\alpha$   
Radionuclide Production Cross Section



17

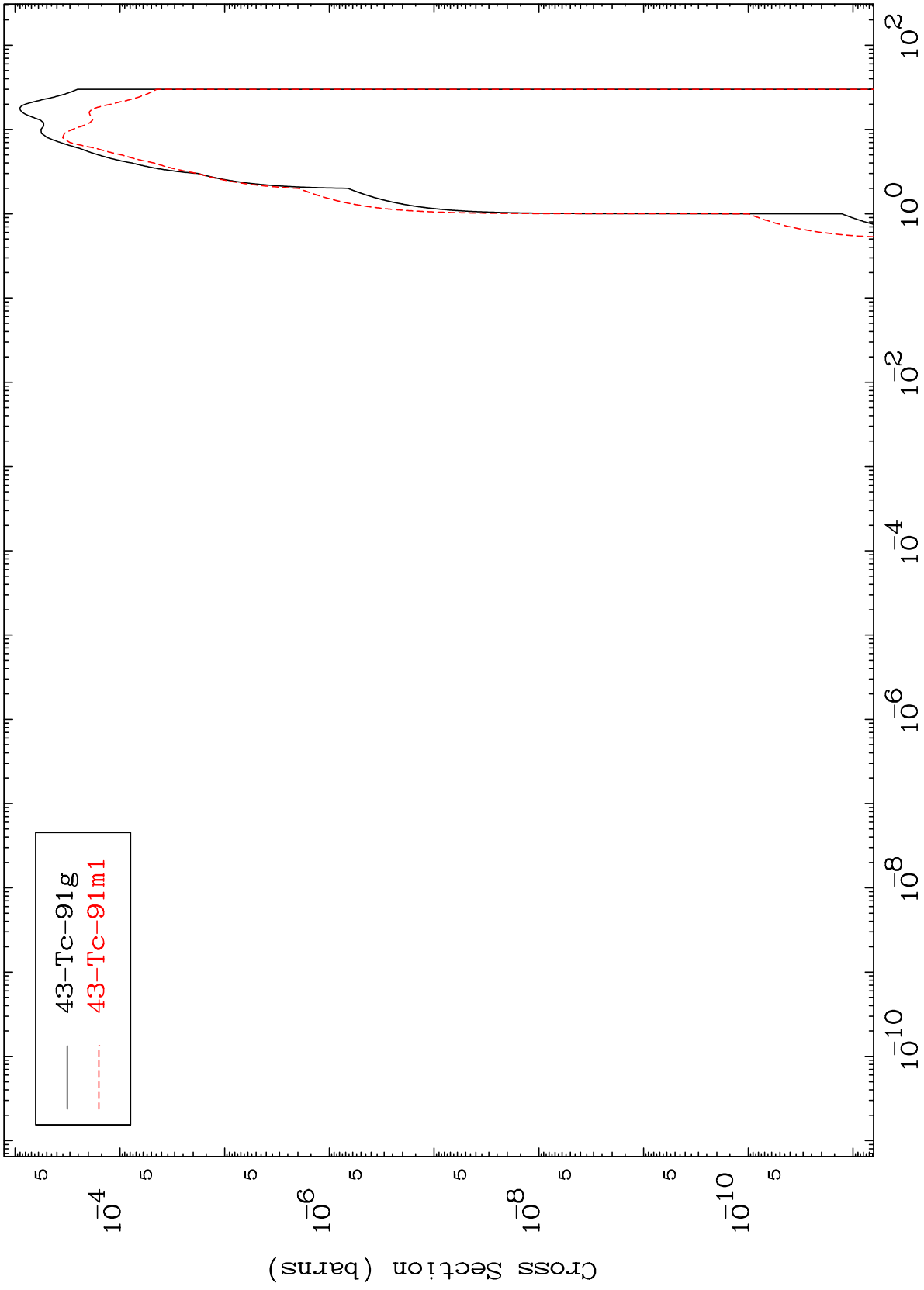
Incident Energy (MeV)

42-Mo-90

MAT 4219

Radionuclide Production Cross Section  
(p,γ)

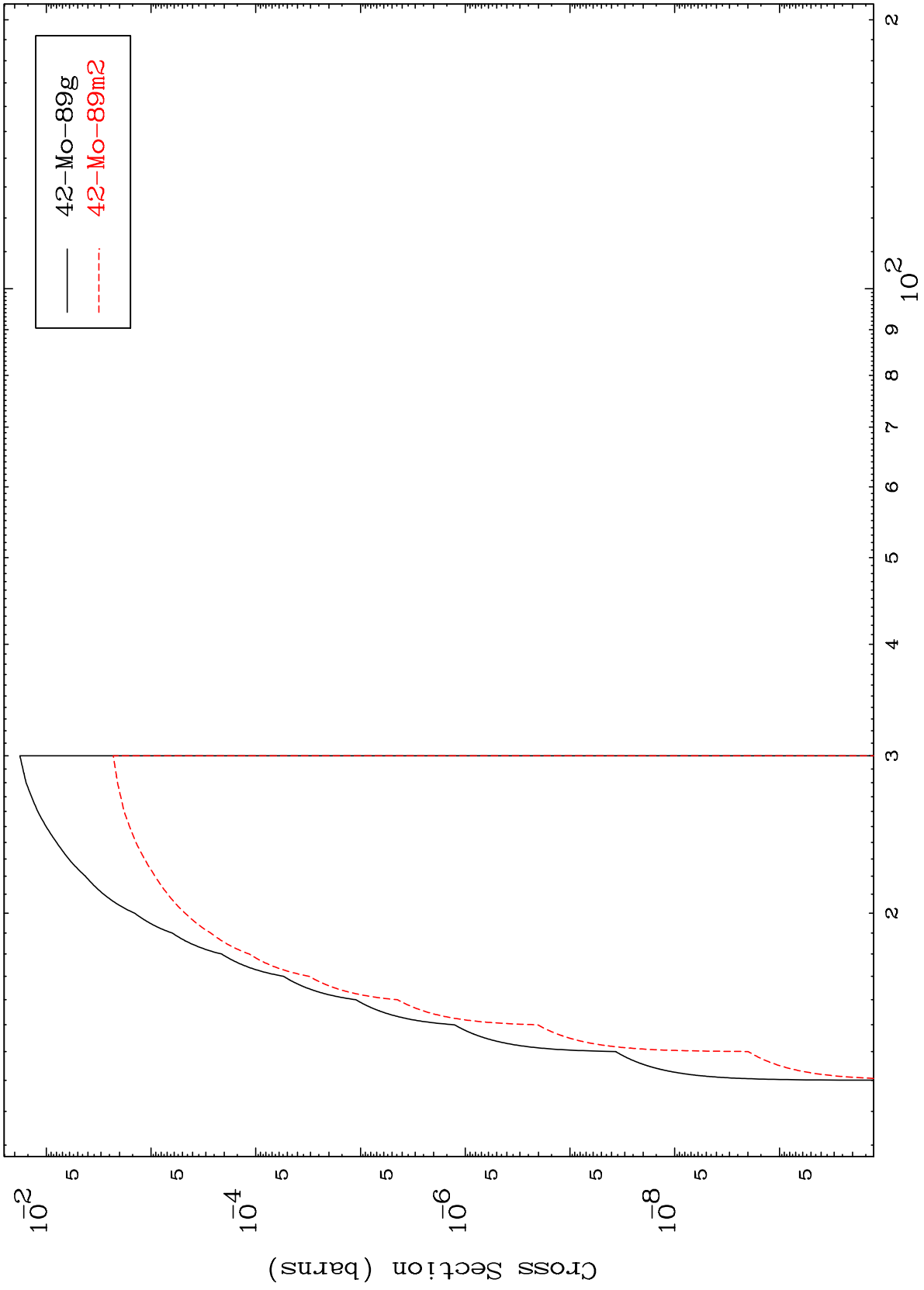
42-Mo-90



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42-Mo-90

(p,d)  
Radionuclide Production Cross Section



42-Mo-89g  
42-Mo-89m2

19

42-Mo-90

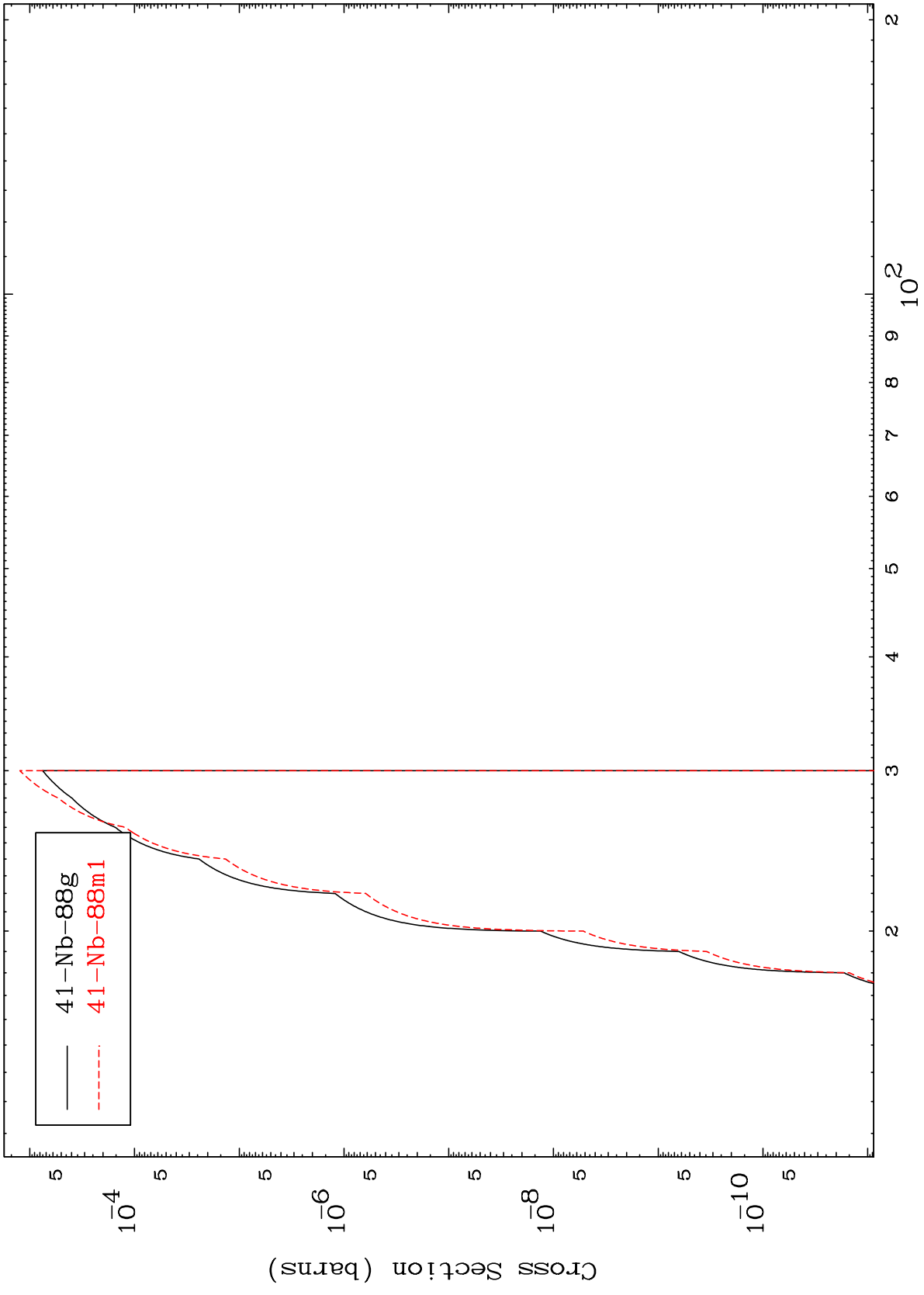
Incident Energy (MeV)

MAT 4219

(p,He-3)

42-Mo-90

Radionuclide Production Cross Section



20

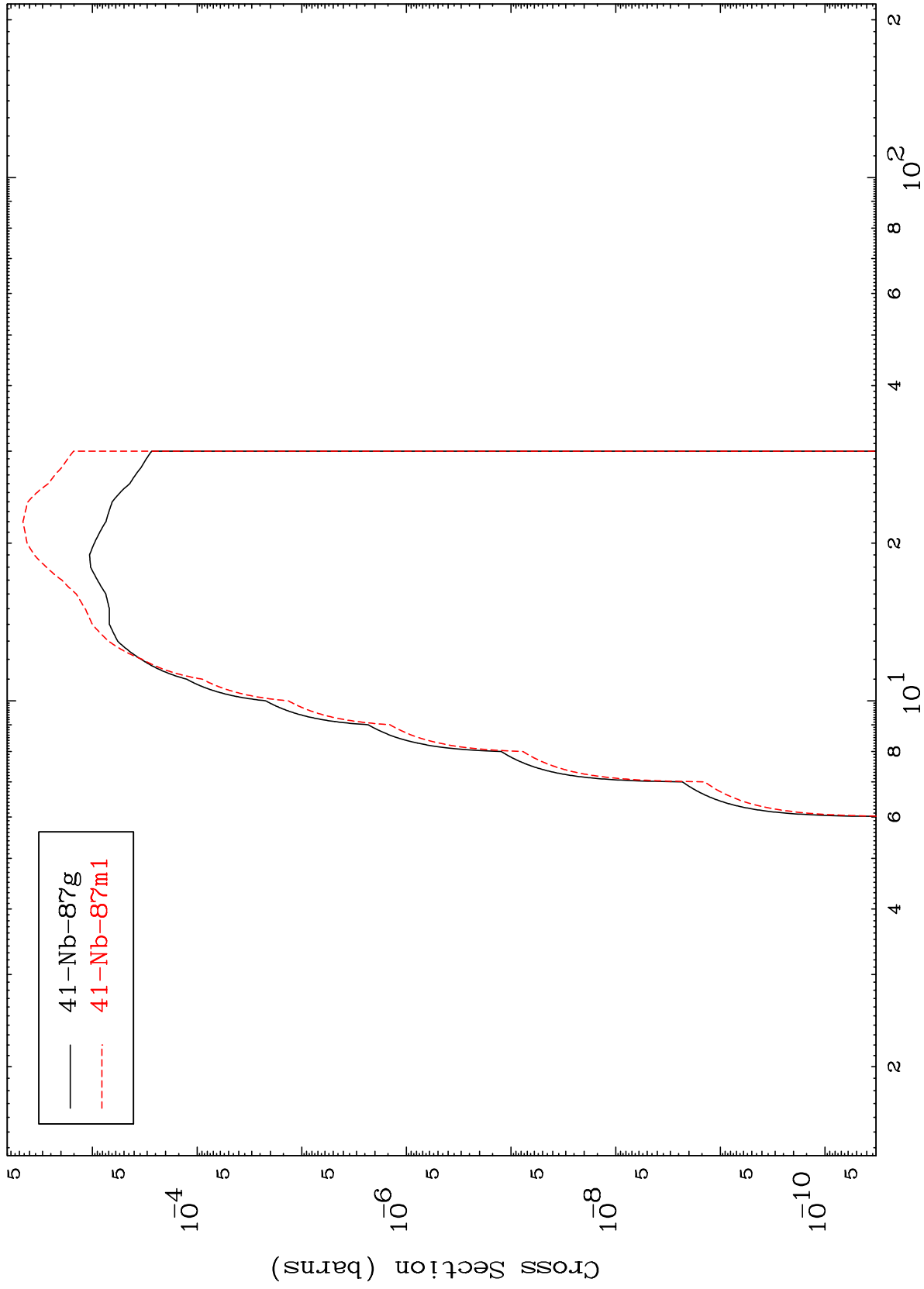
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

Radionuclide Production Cross Section  
(p,α)



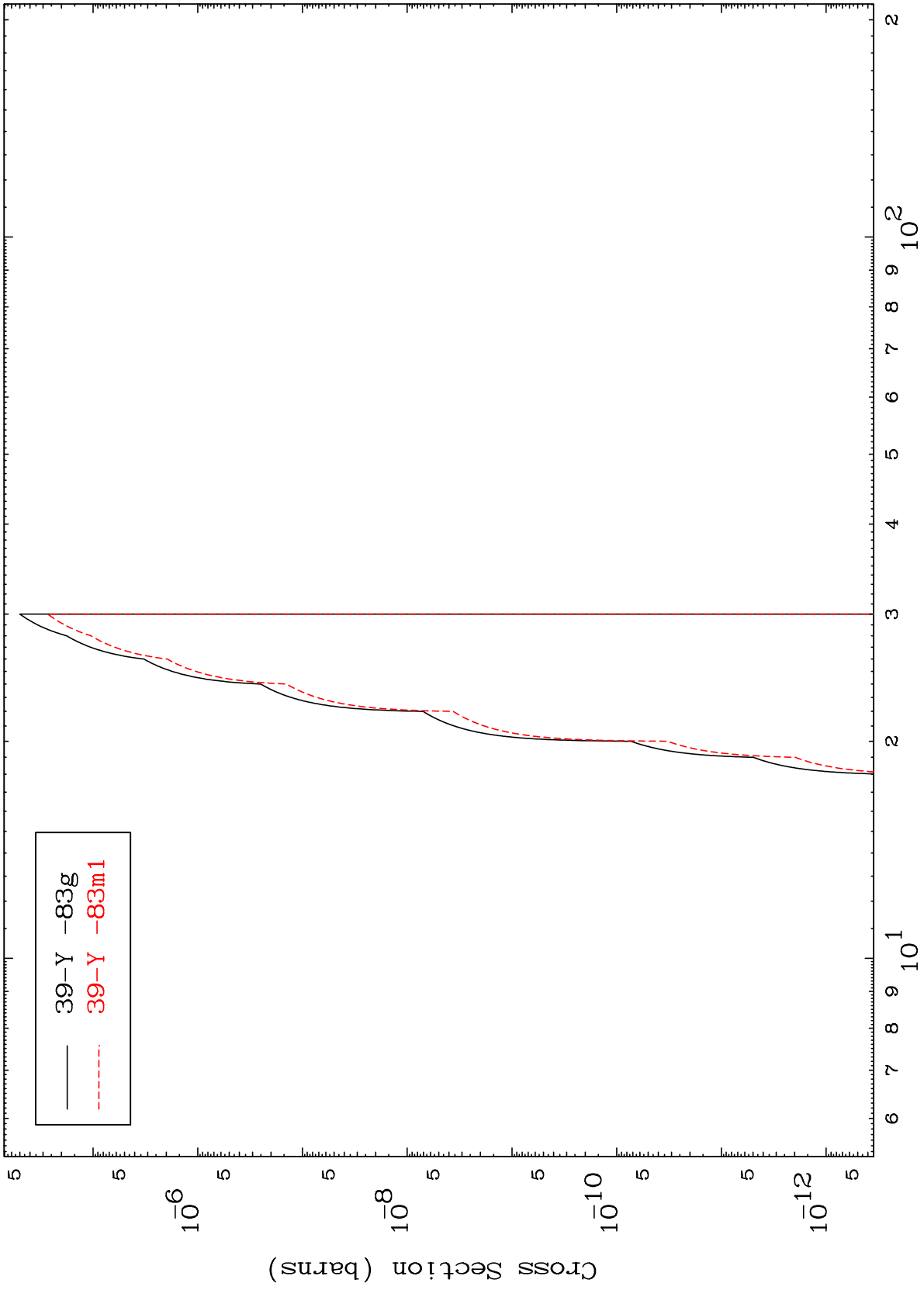
21

42-Mo-90

MAT 4219

42-Mo-90

Radionuclide Production Cross Section (p,2α)



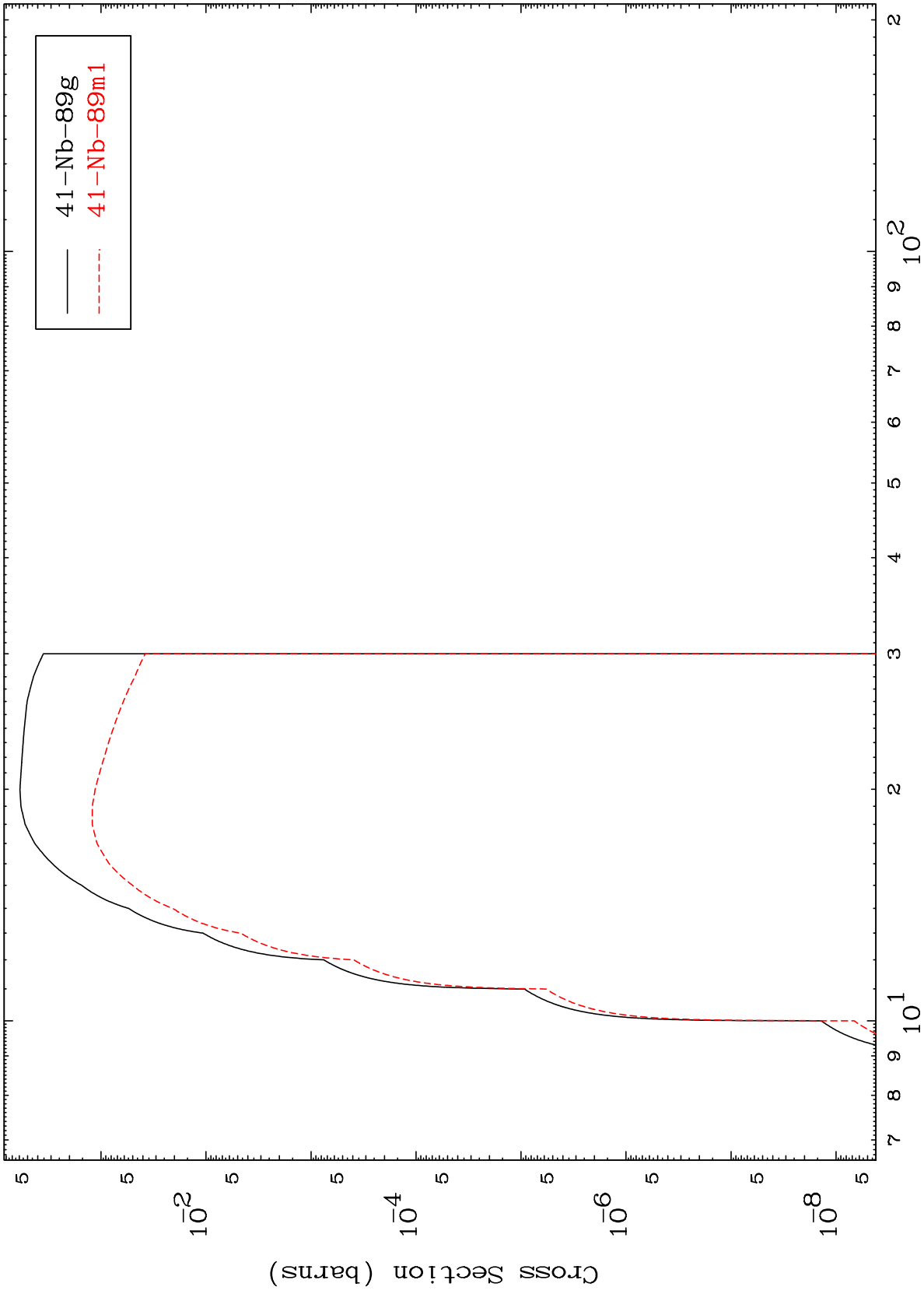
22

42-Mo-90

MAT 4219

42-Mo-90

(p,2p)  
Radionuclide Production Cross Section



23

42-Mo-90

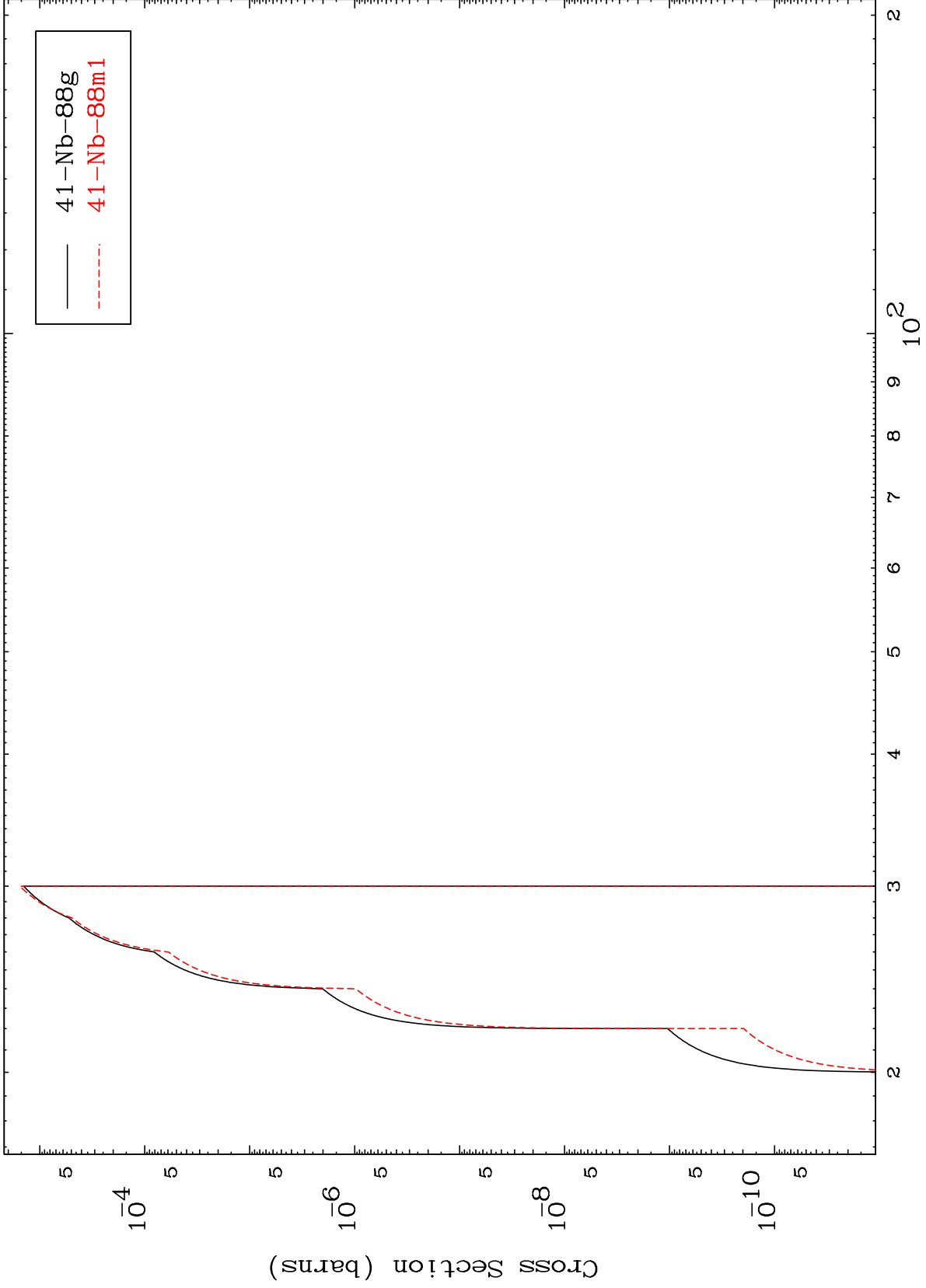


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(p,p) d

42-Mo-90

Radionuclide Production Cross Section



41-Nb-88g  
41-Nb-88m1

24

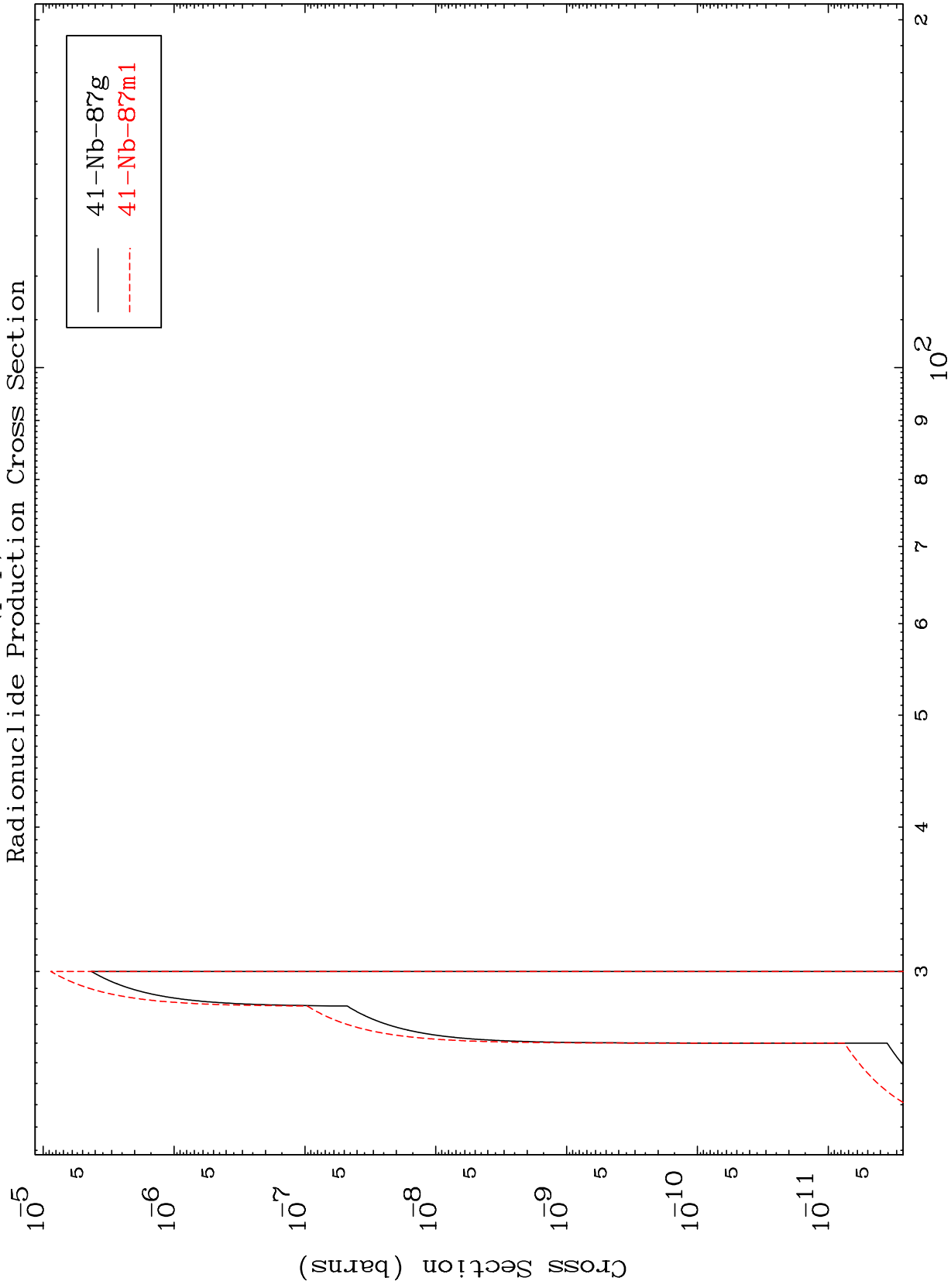
Incident Energy (MeV)

42-Mo-90

MAT 4219

(p,p) t

42-Mo-90



25

42-Mo-90

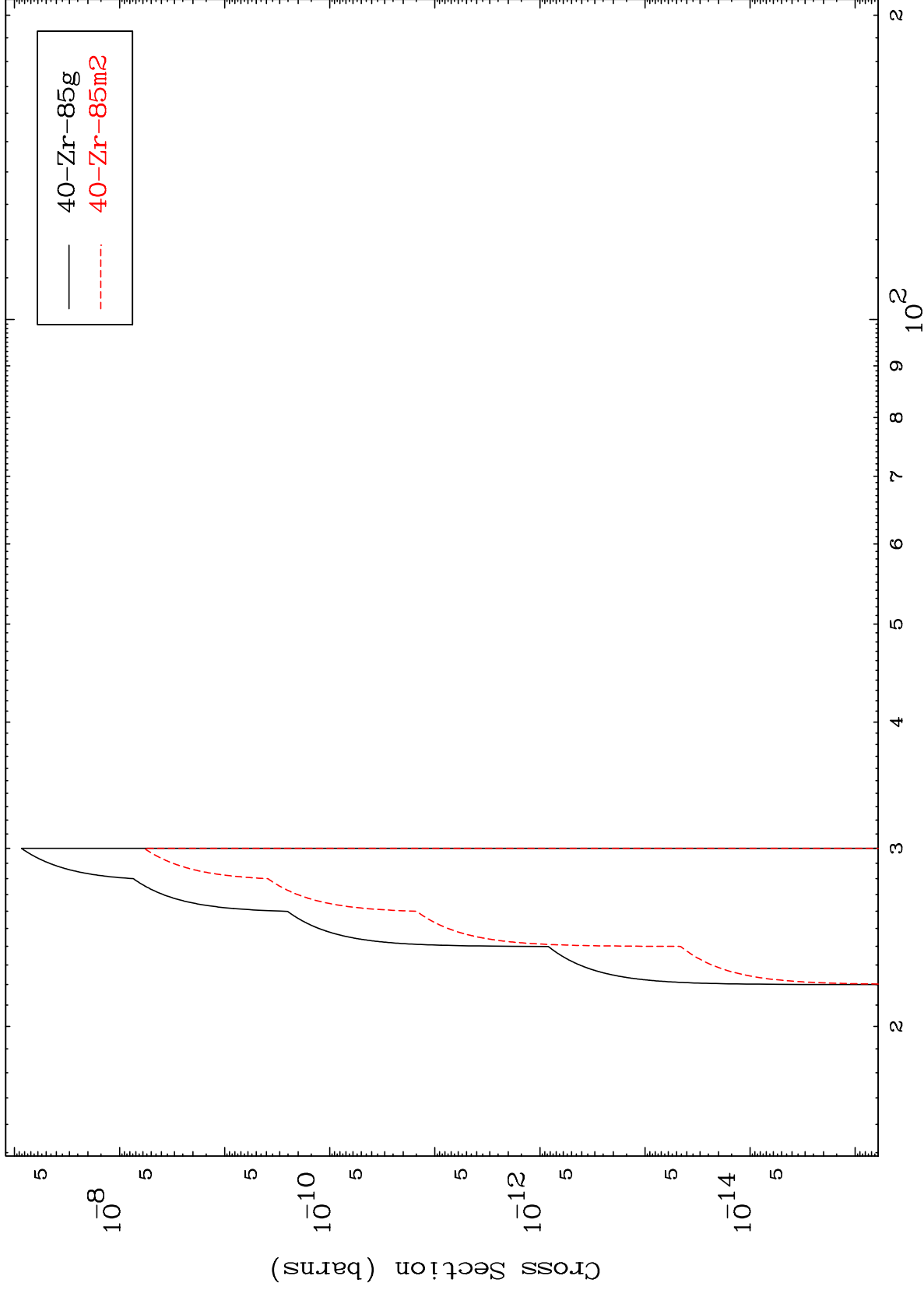
42-Mo-90

MAT 4219

(p,d)  $\alpha$

42-Mo-90

Radionuclide Production Cross Section



26

Incident Energy (MeV)

42-Mo-90