

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

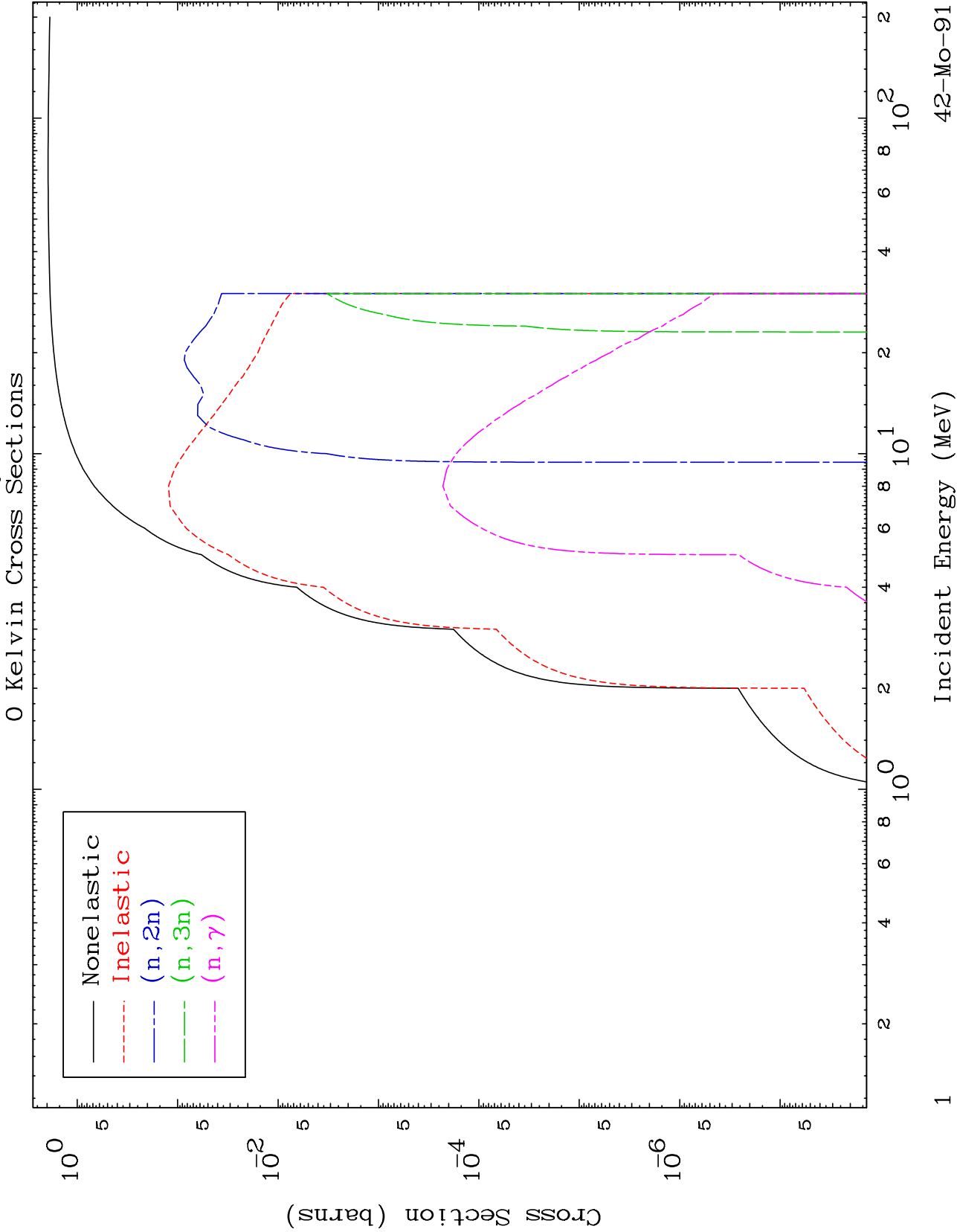
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

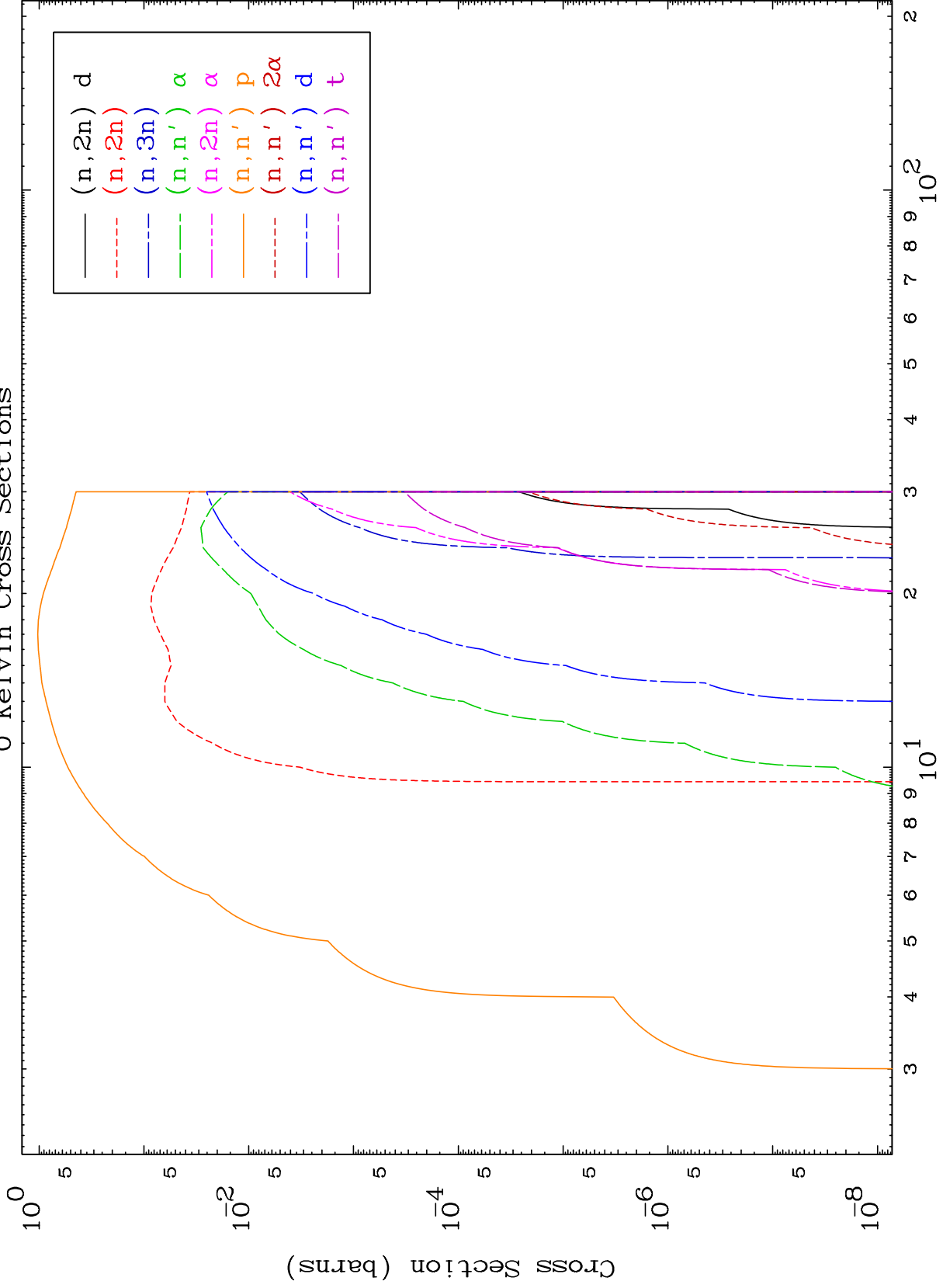
Tele: 925-443-1911

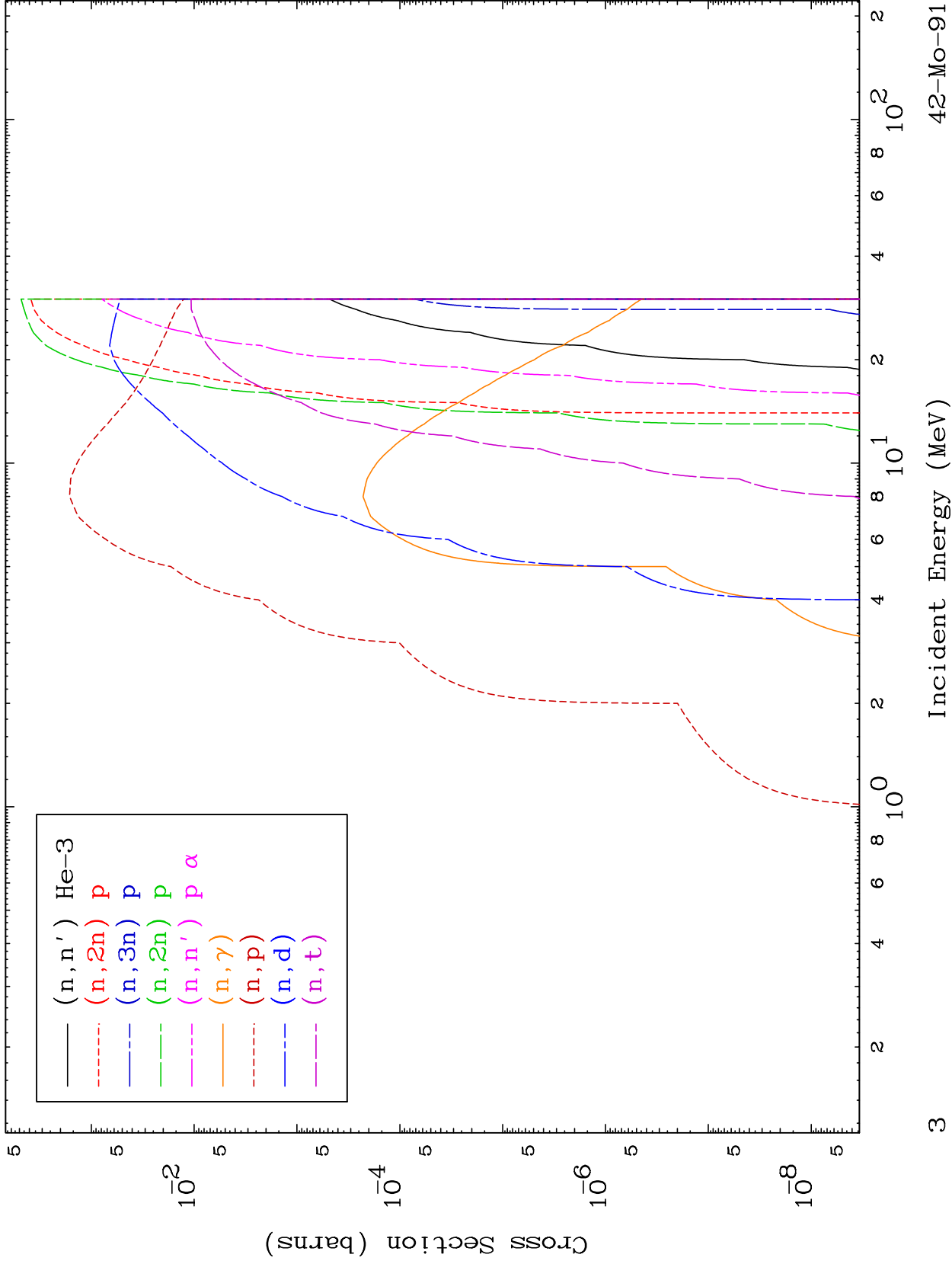
E.Mail:redcullen1@comcast.net

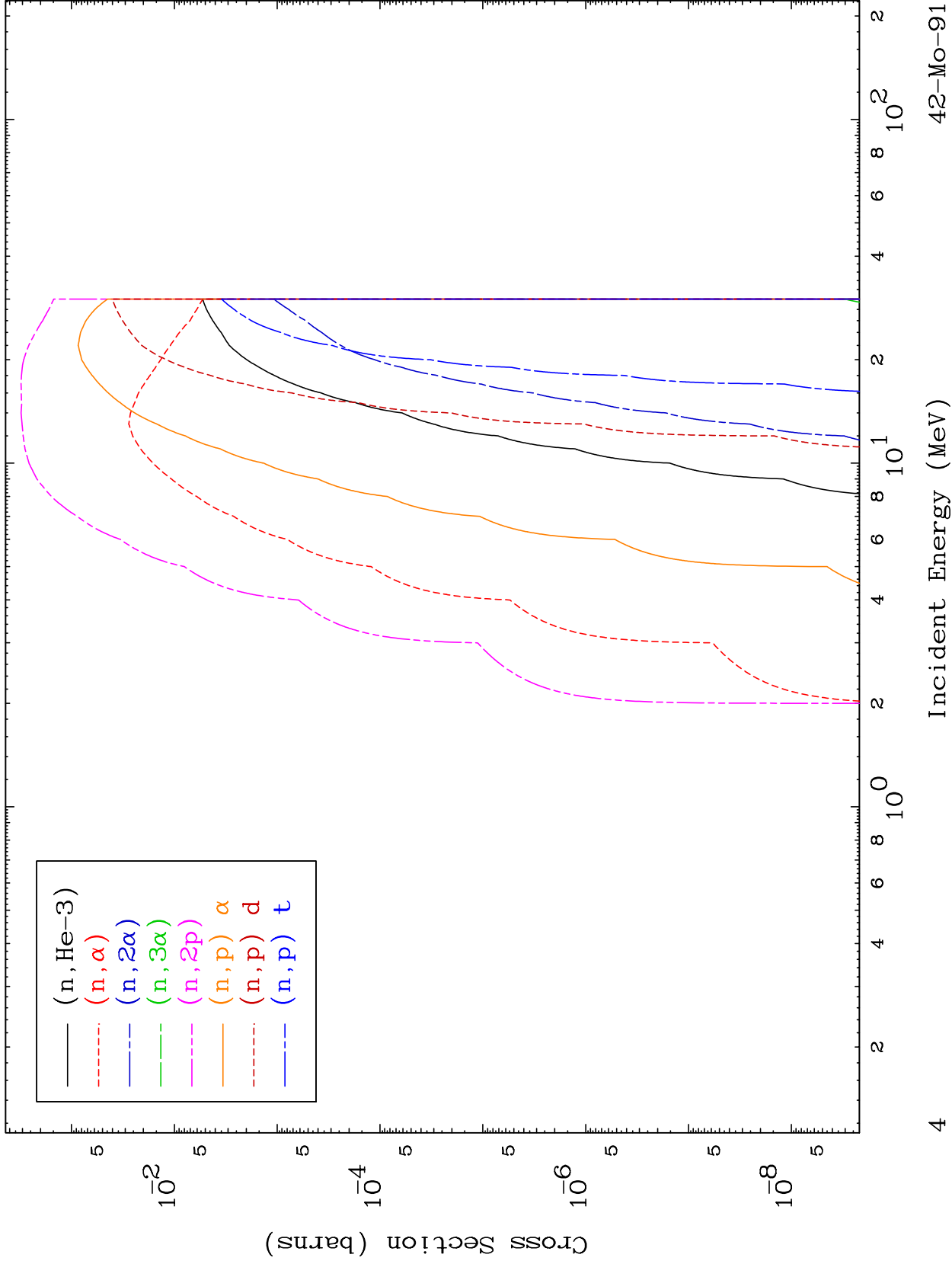
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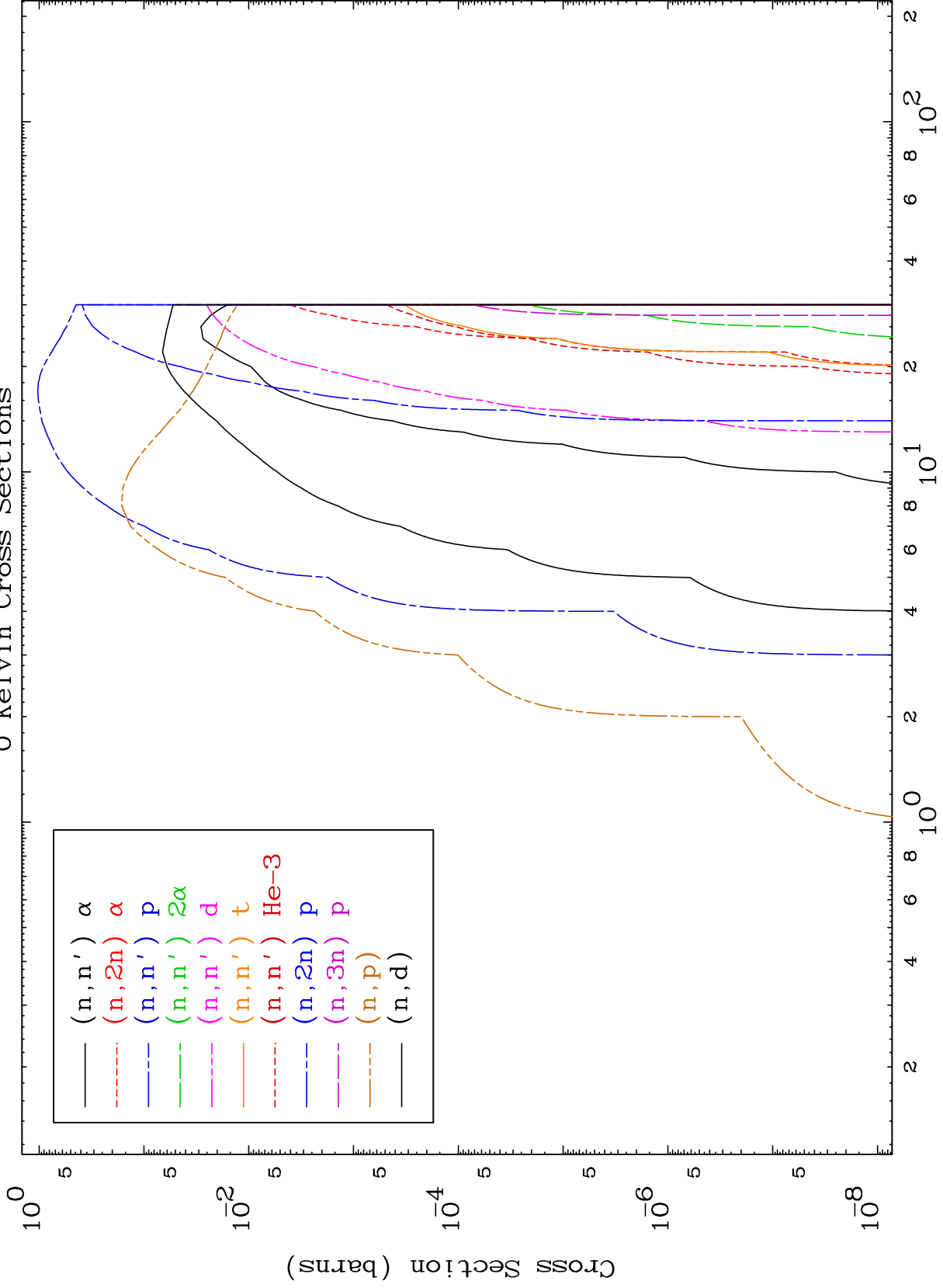
Press Mouse Button to Start

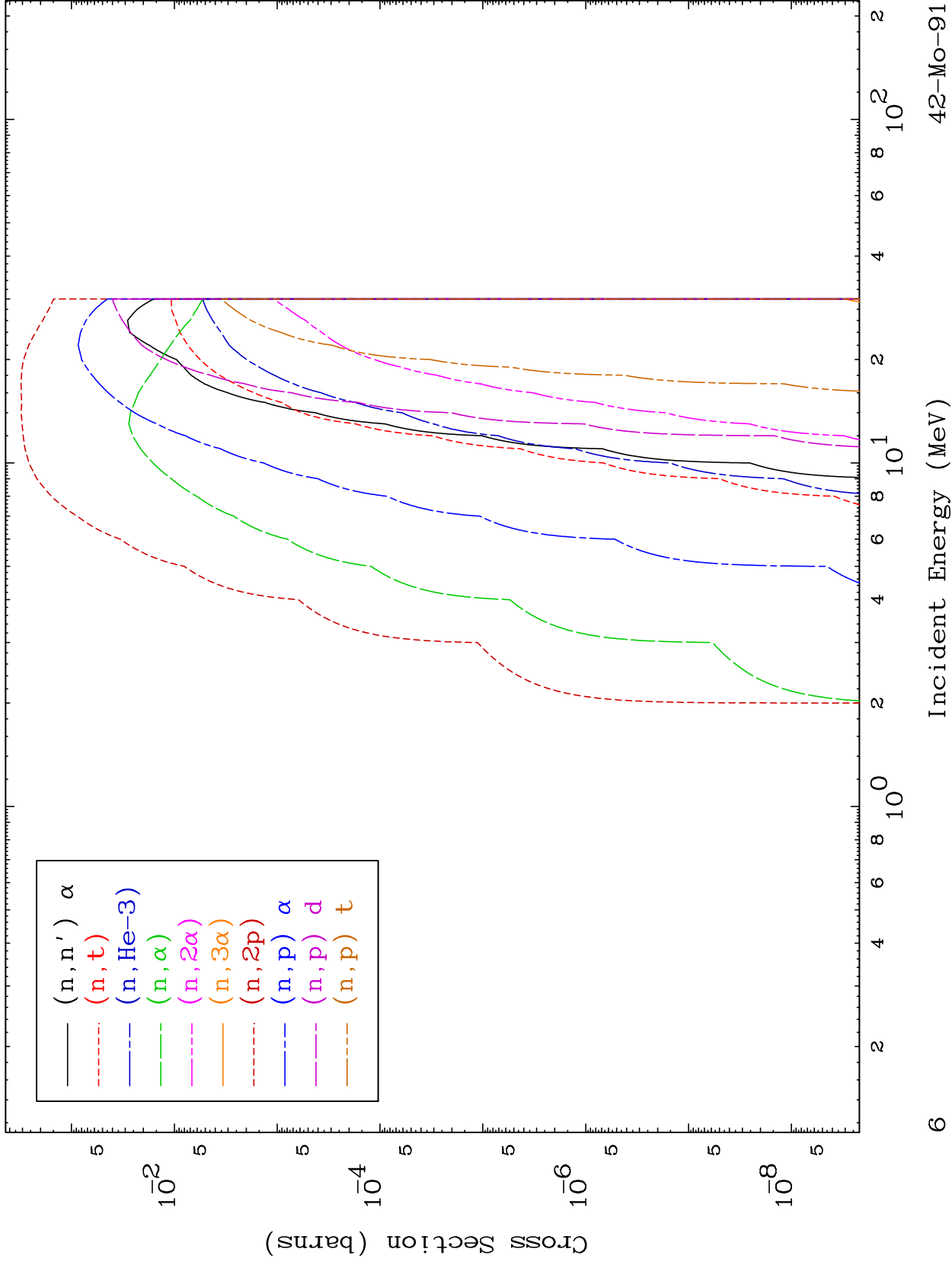








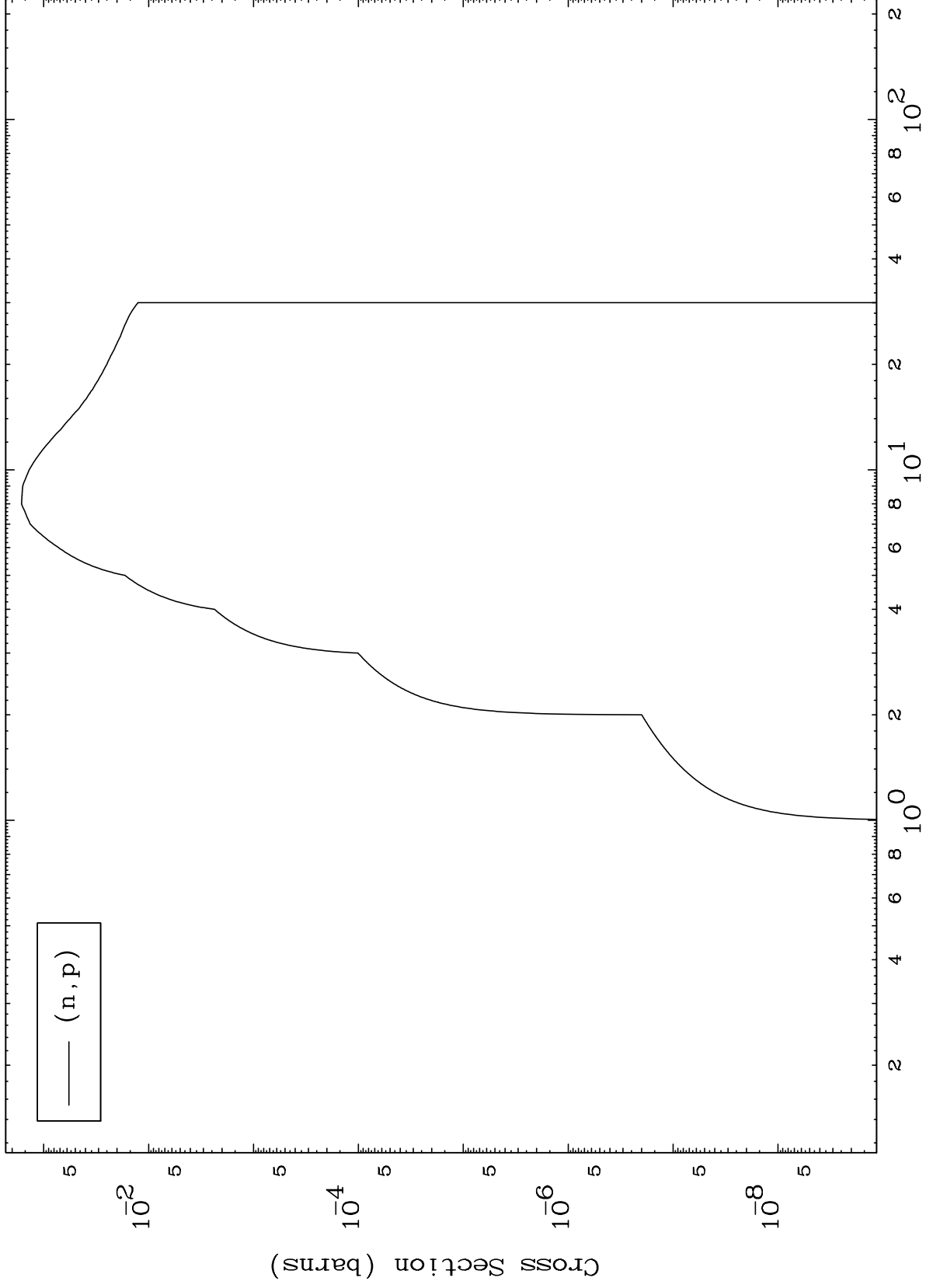




MAT 4222

(d,p) Levels  
0 Kelvin Cross Sections

42-Mo-91

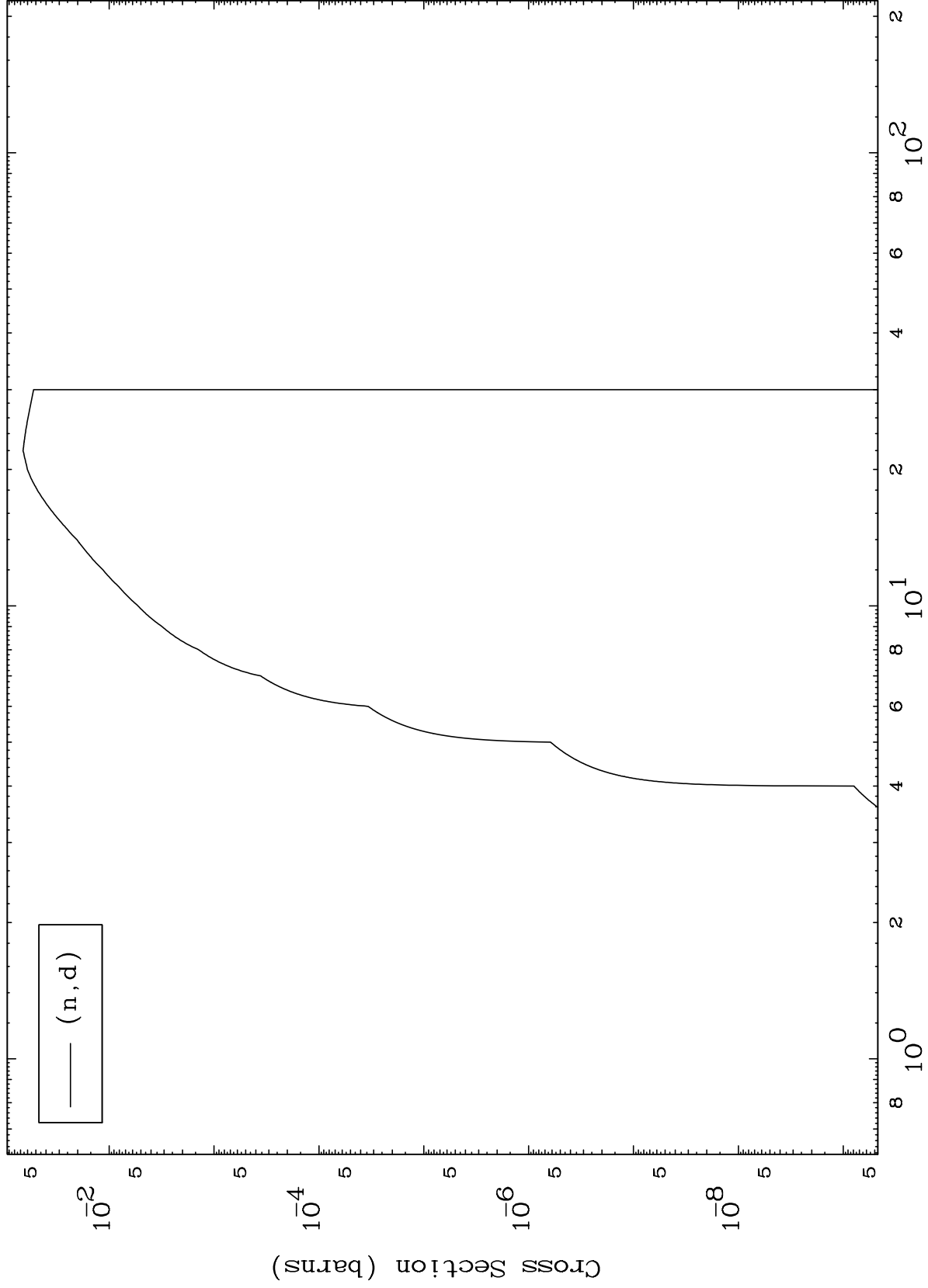


MAT 4222

(d,d) Levels

42-Mo-91

0 Kelvin Cross Sections



8

Incident Energy (MeV)

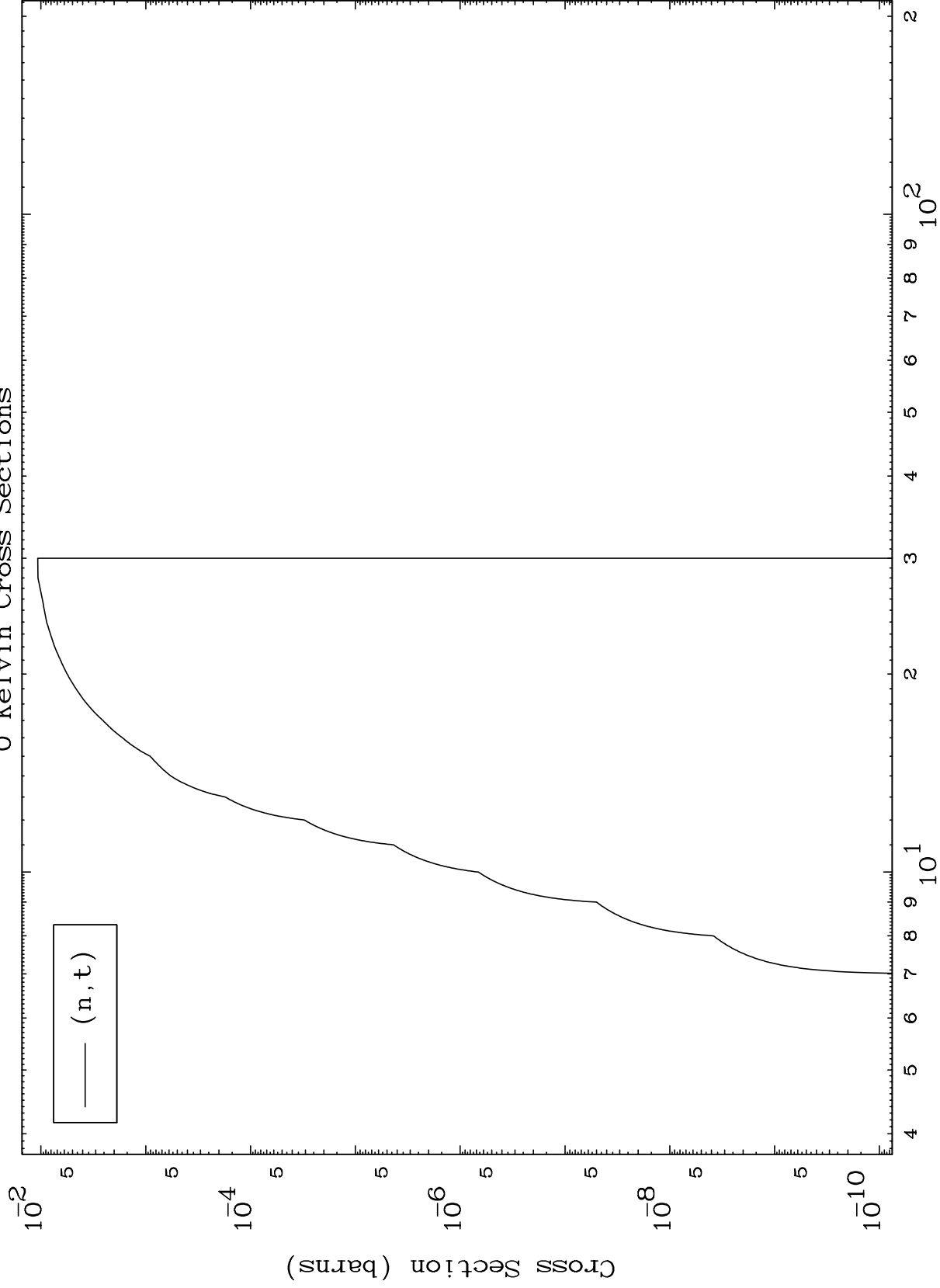
42-Mo-91

MAT 4222

(d,t) Levels

42-Mo-91

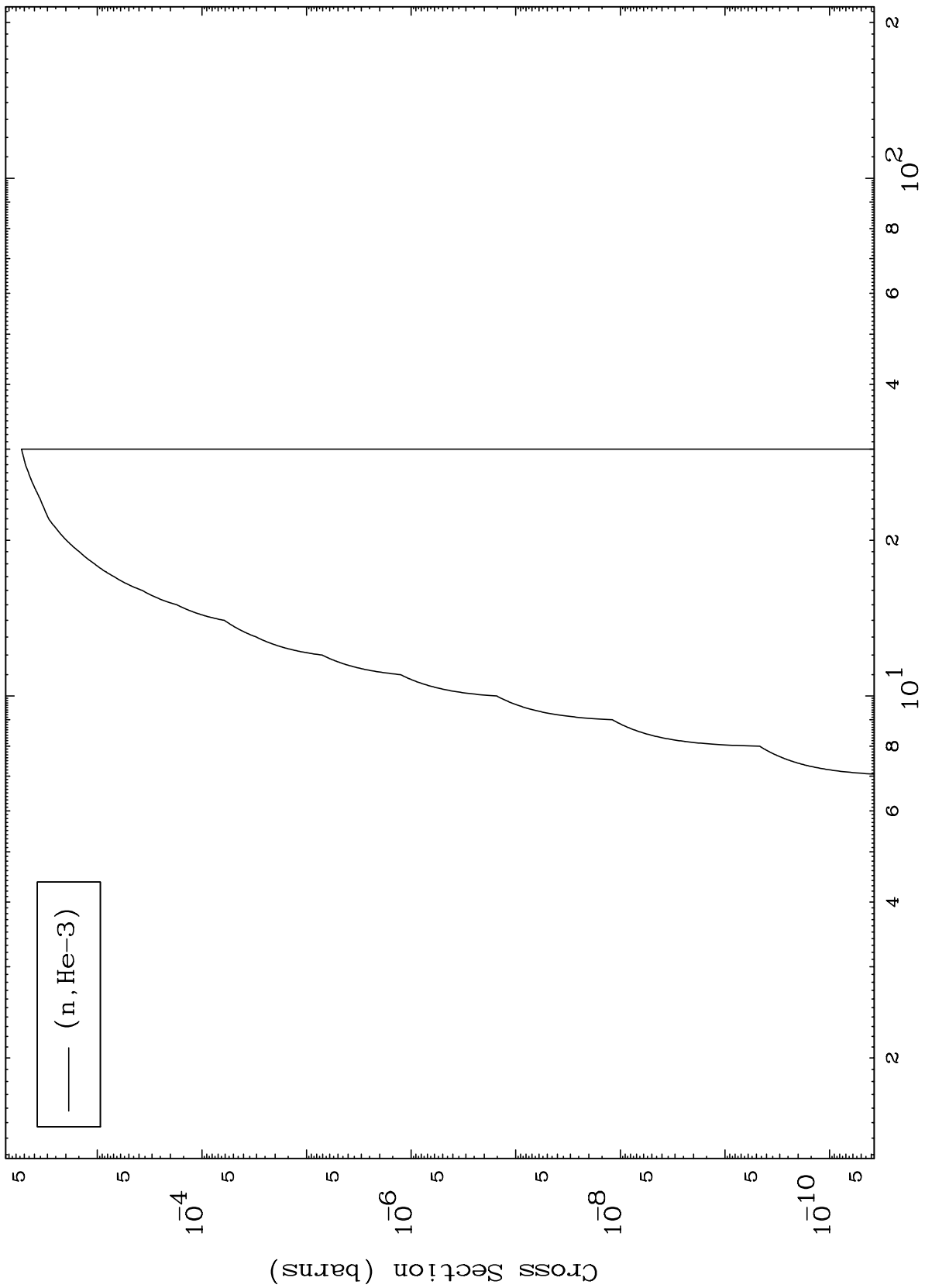
0 Kelvin Cross Sections



MAT 4222

42-Mo-91

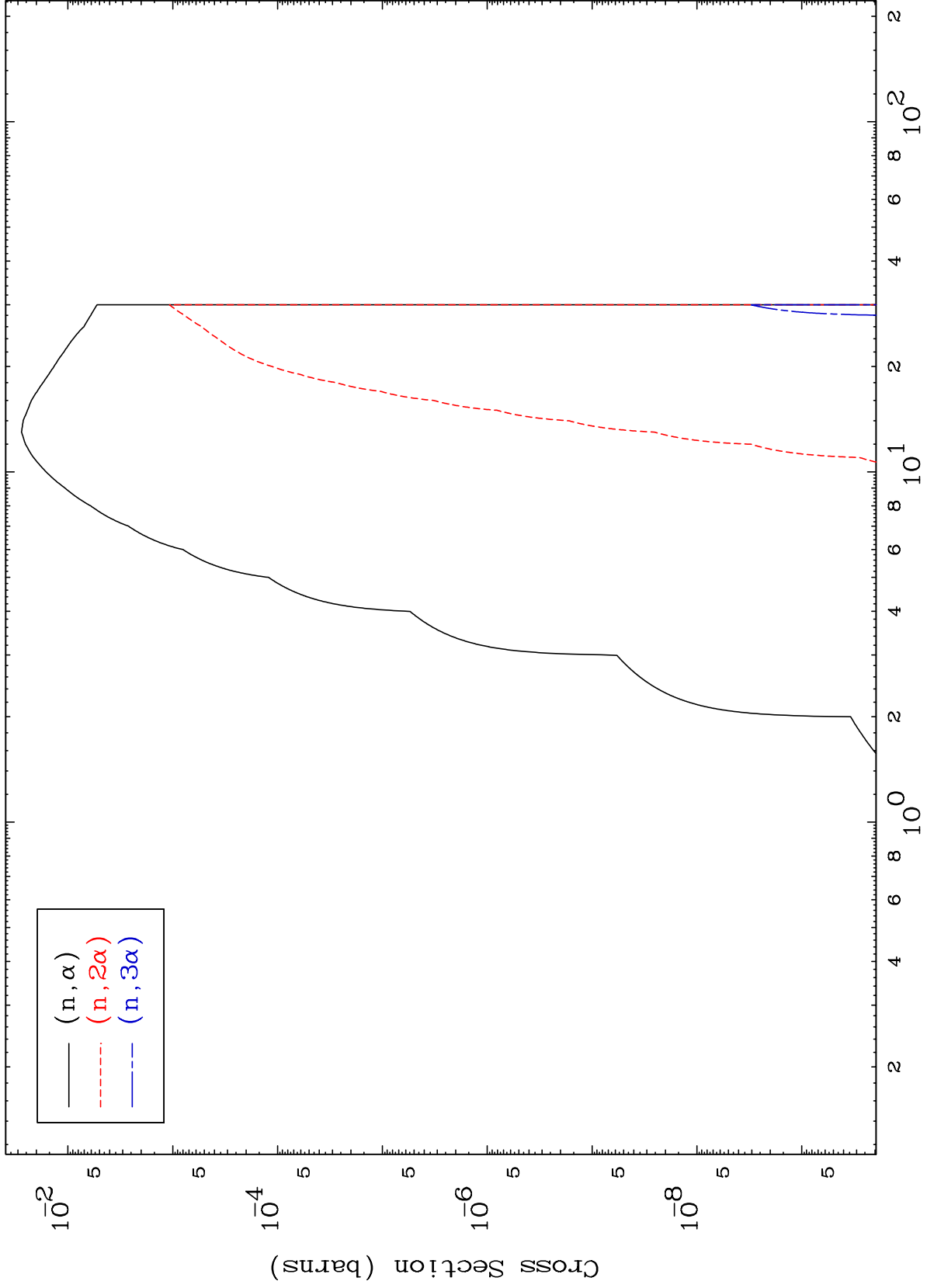
(d,He3) Levels  
0 Kelvin Cross Sections



10

42-Mo-91

Incident Energy (MeV)

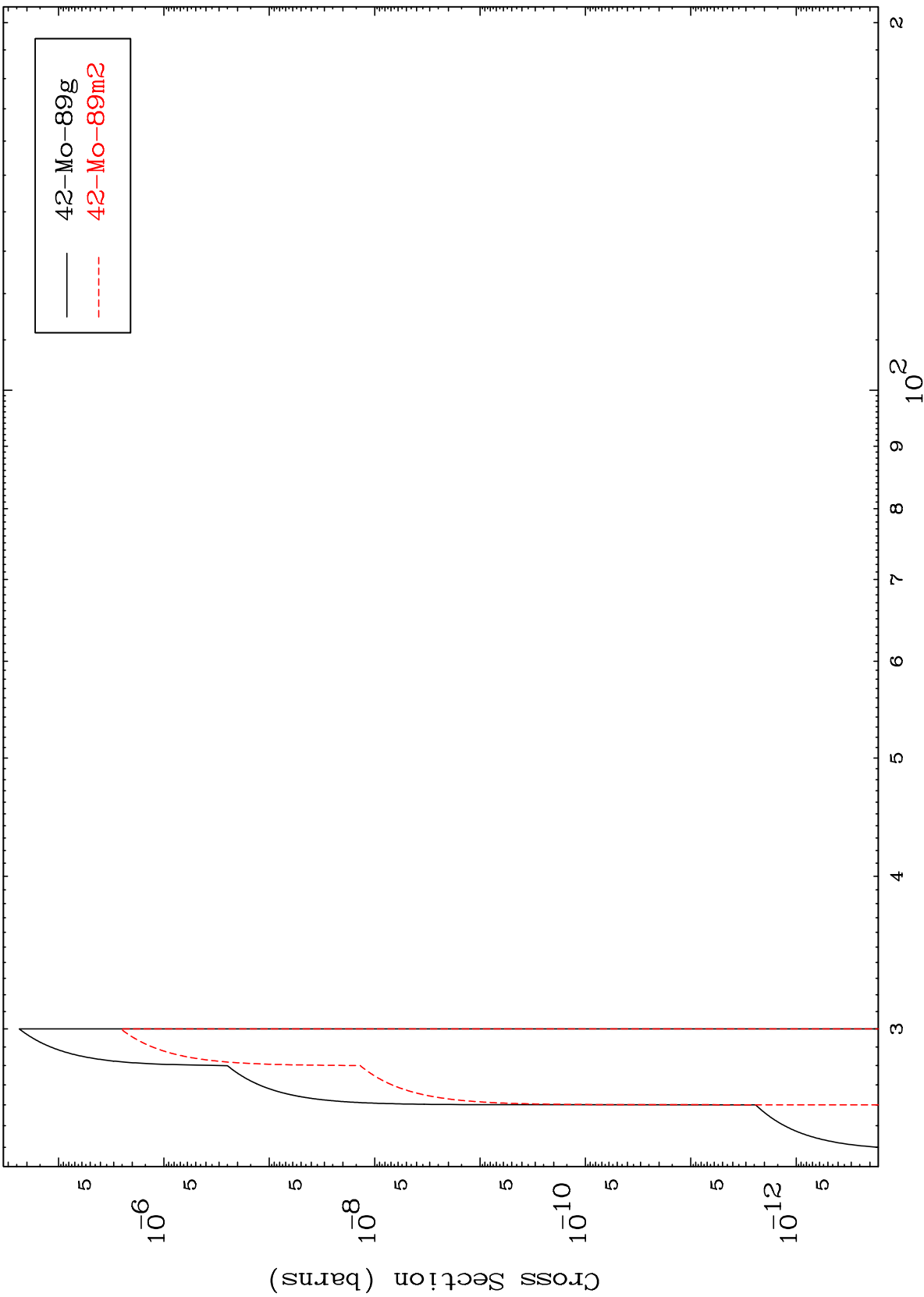


MAT 4222

(n,2n) d

42-Mo-91

Radionuclide Production Cross Section



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

12

Incident Energy (MeV)

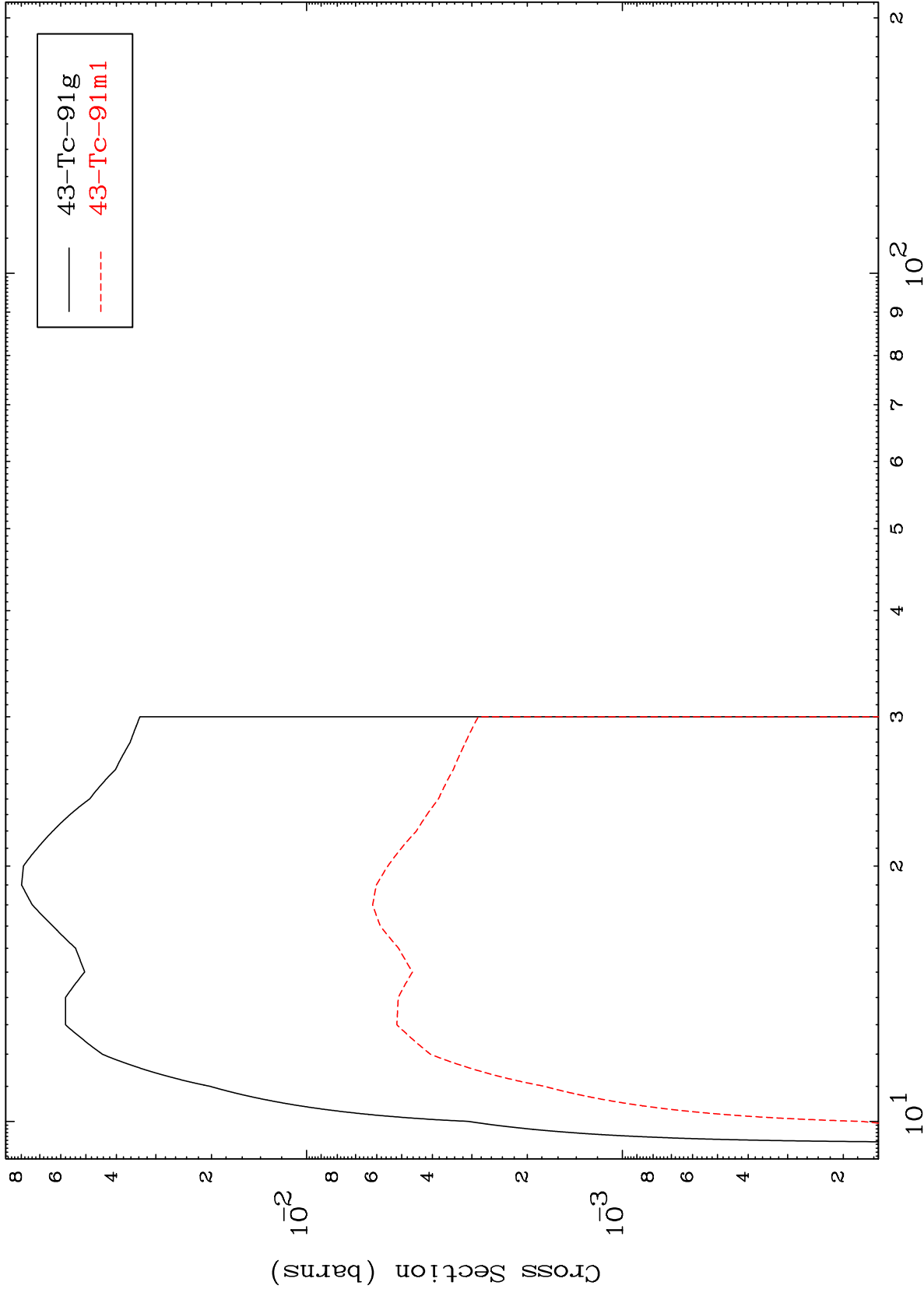
42-Mo-91

MAT 4222

(n,2n)

42-Mo-91

Radionuclide Production Cross Section

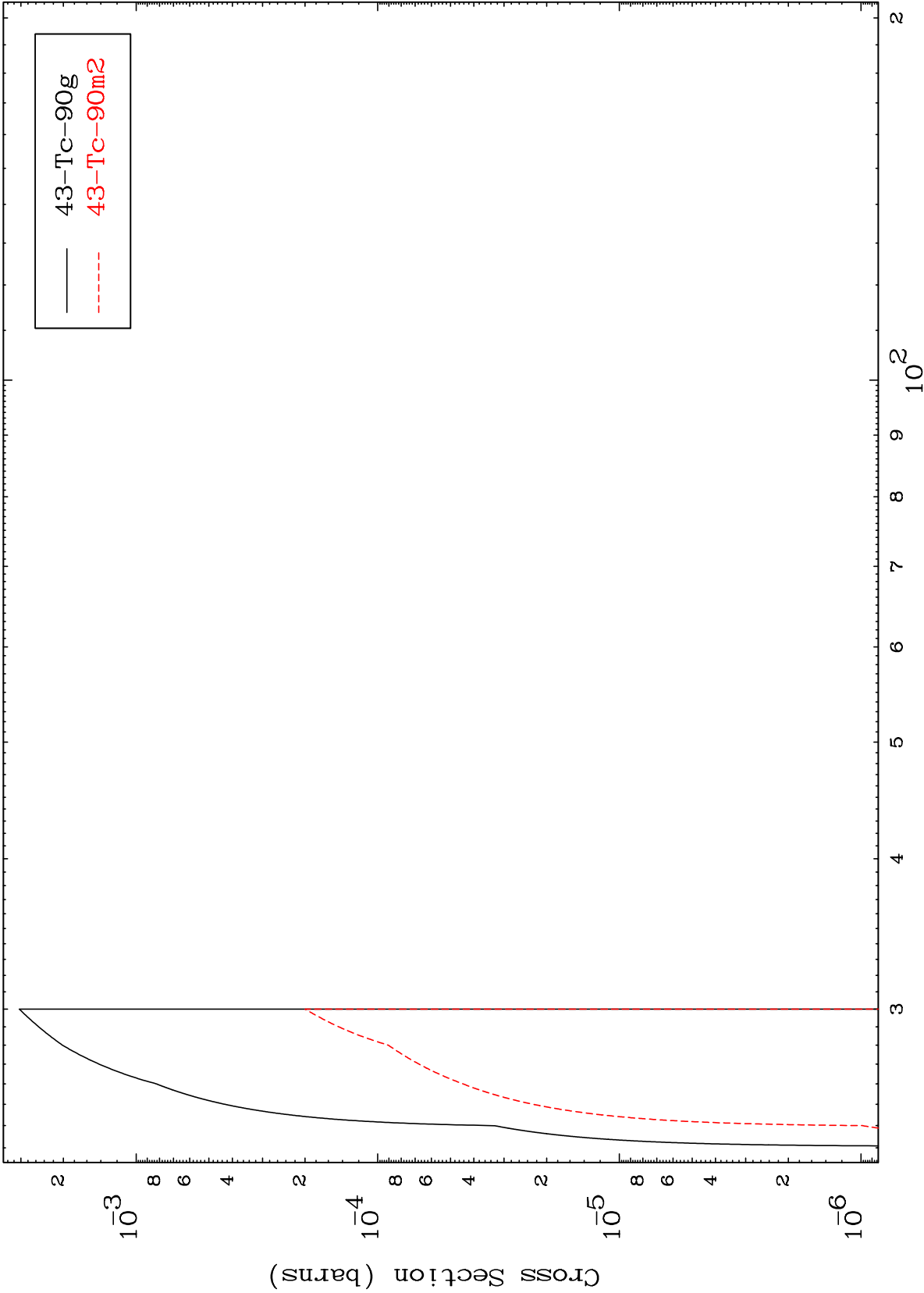


13

Incident Energy (MeV)

42-Mo-91

(n,3n)  
Radionuclide Production Cross Section

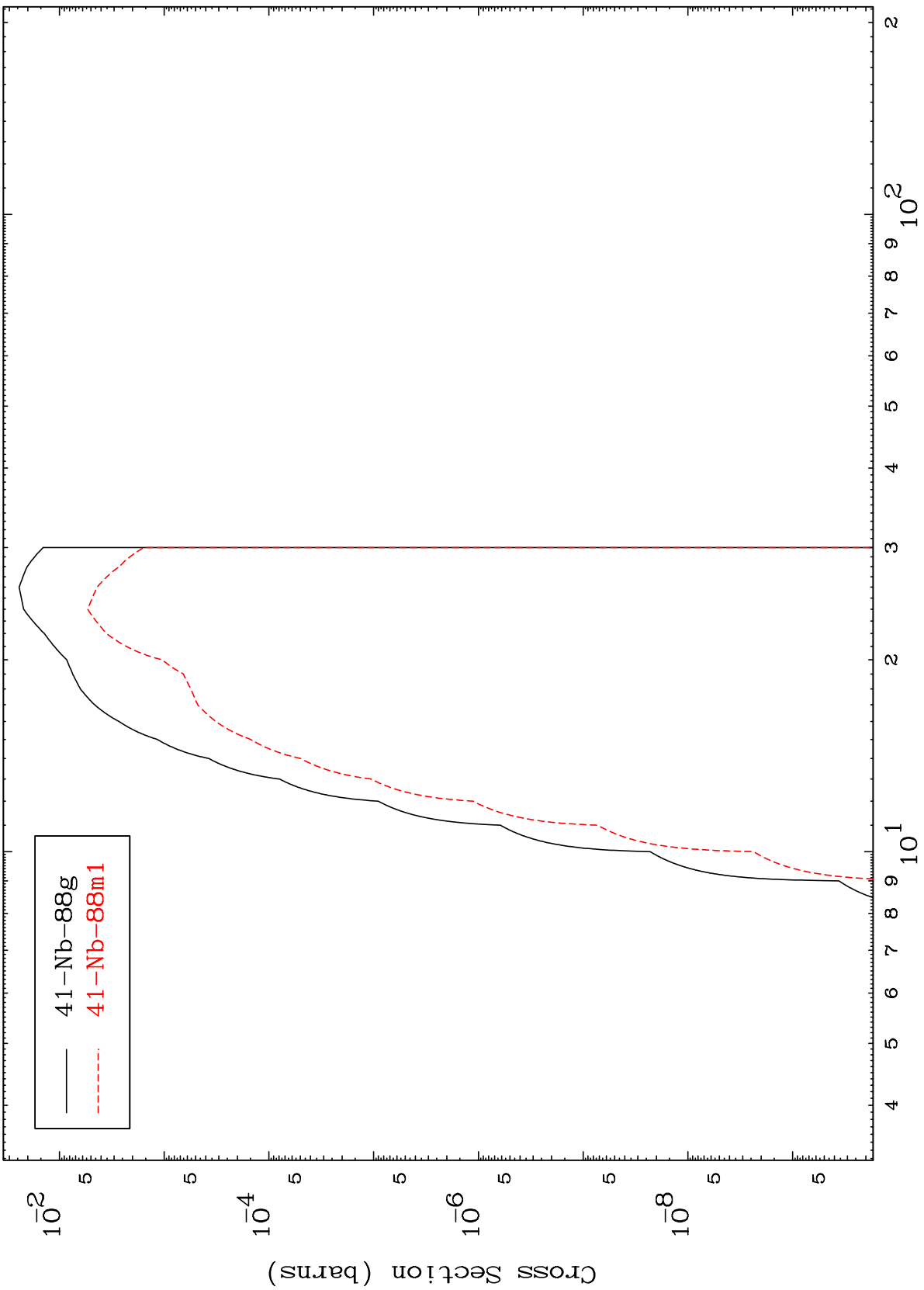


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(n,n')  $\alpha$

42-Mo-91

Radionuclide Production Cross Section

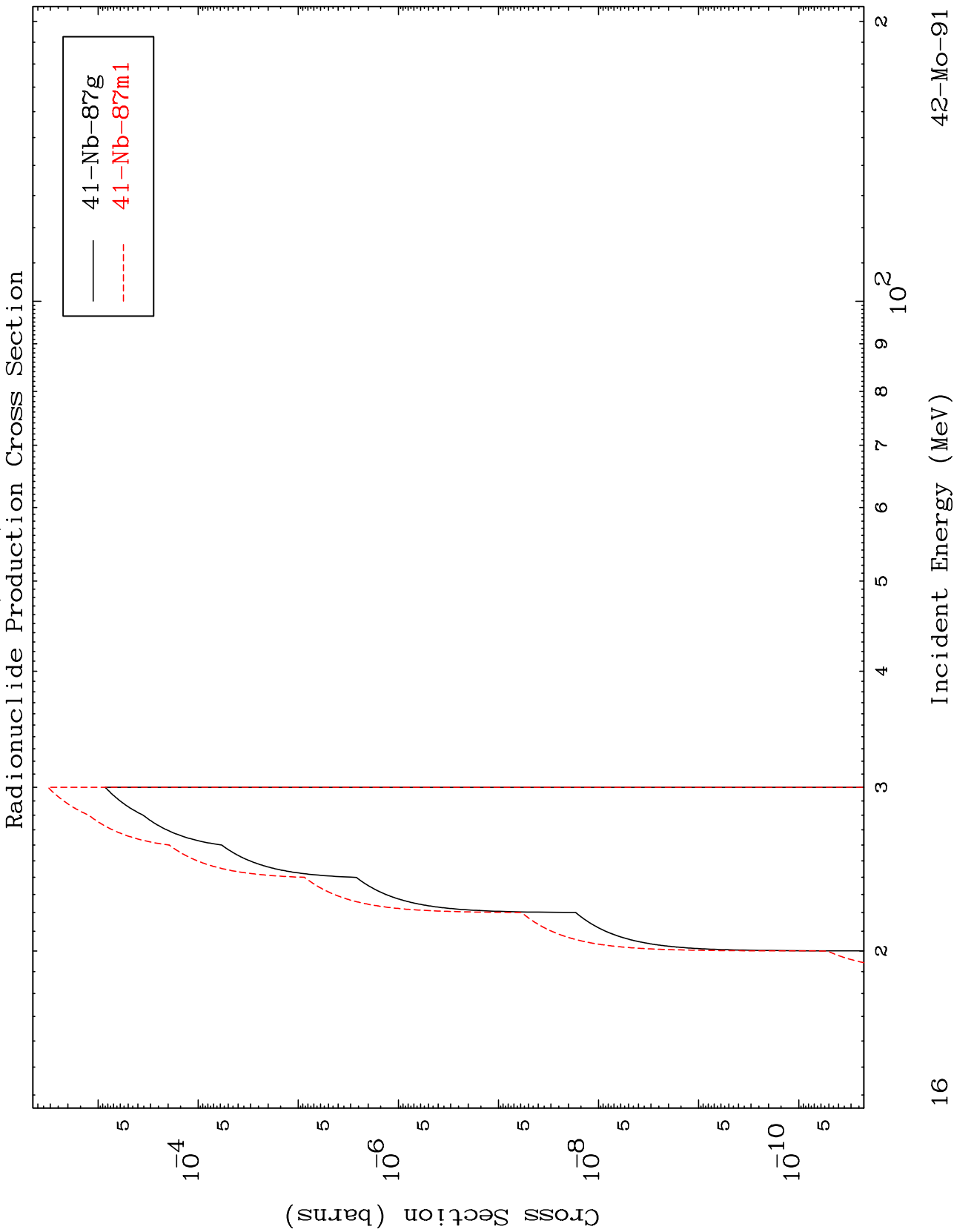


Legend:  
— 41-Nb-88g  
- - - 41-Nb-88m1

15

Incident Energy (MeV)

42-Mo-91

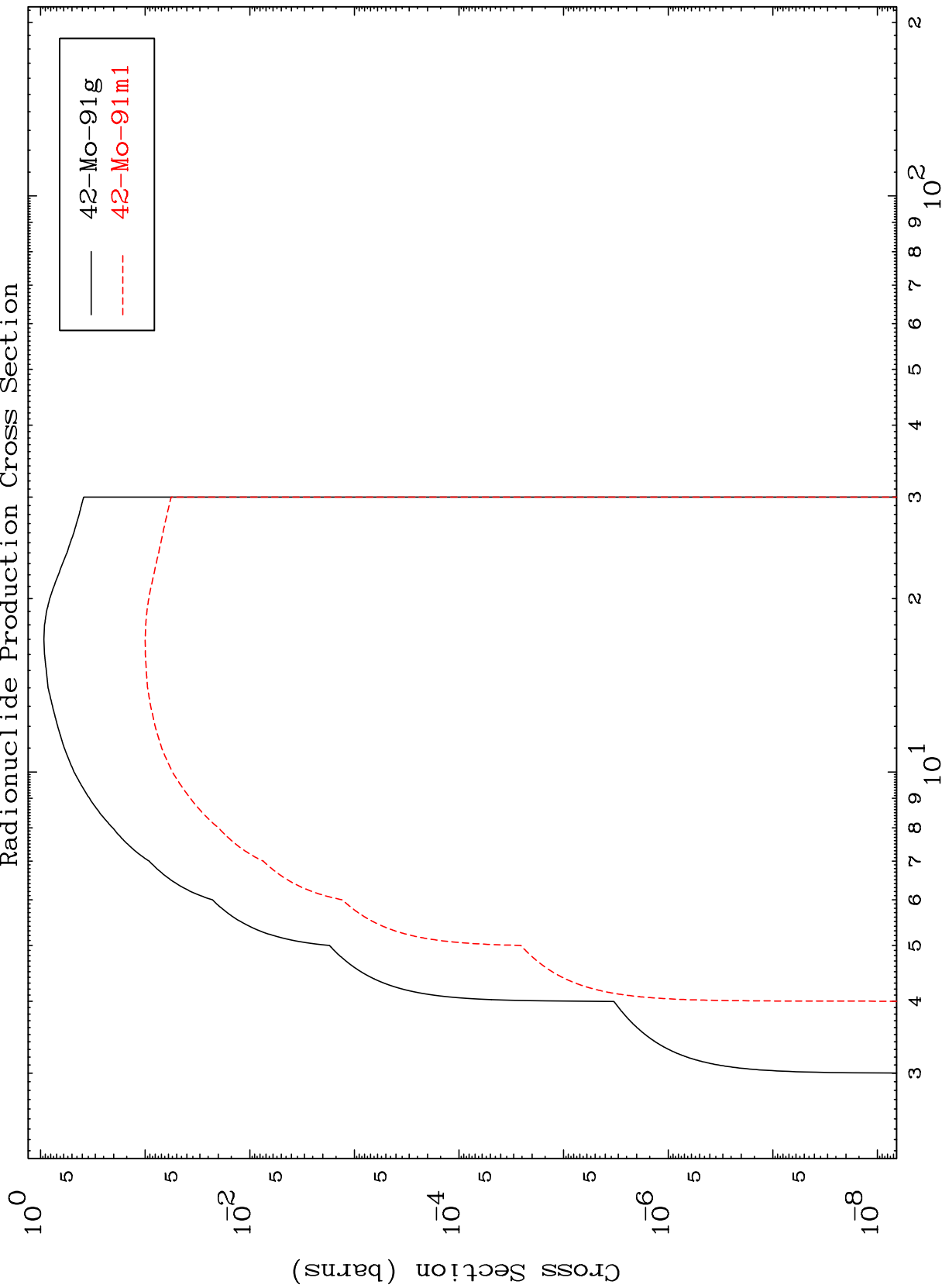


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(n,n') p

42-Mo-91

Radionuclide Production Cross Section

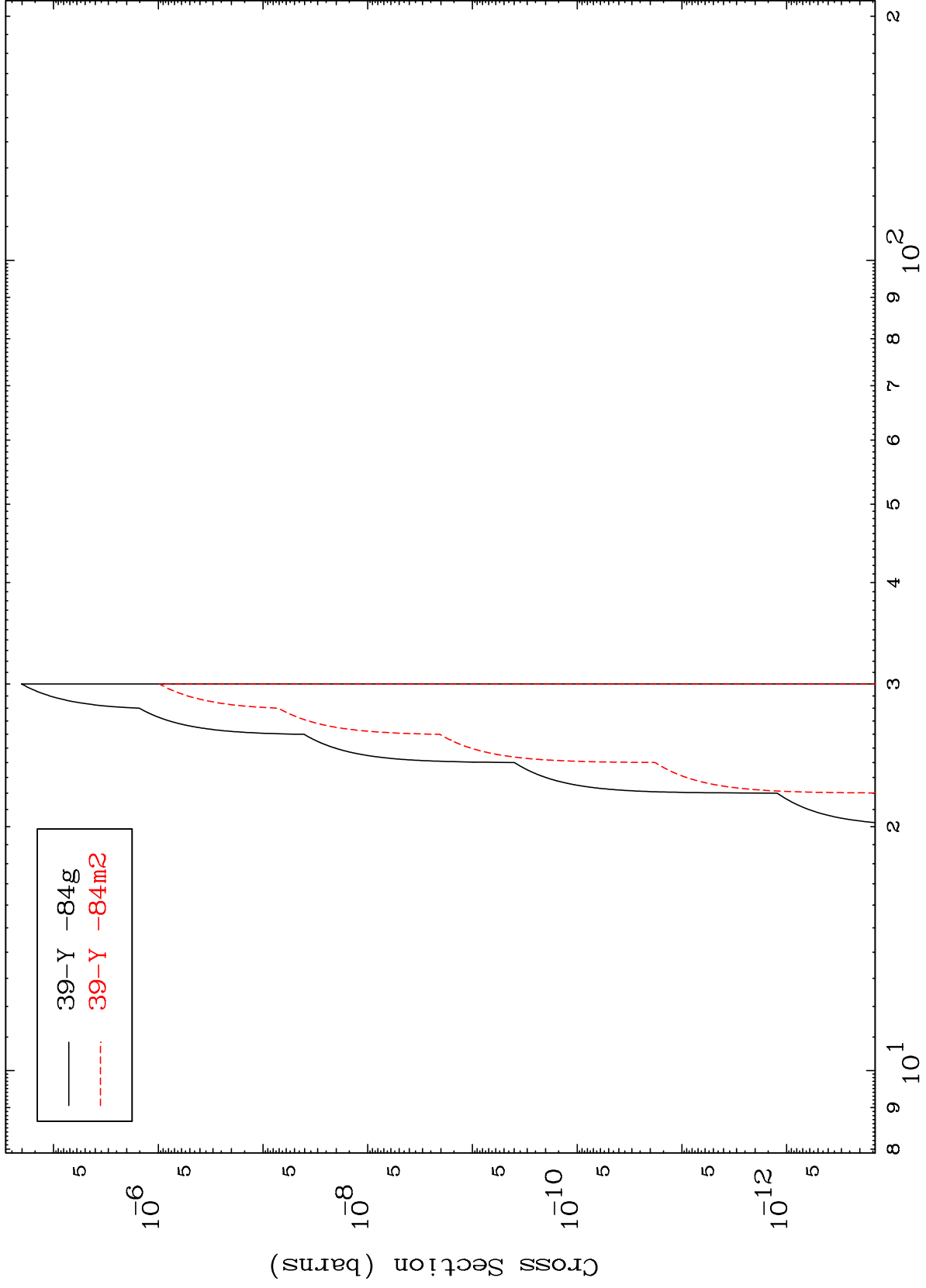


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(n,n') 2α

42-Mo-91

Radionuclide Production Cross Section



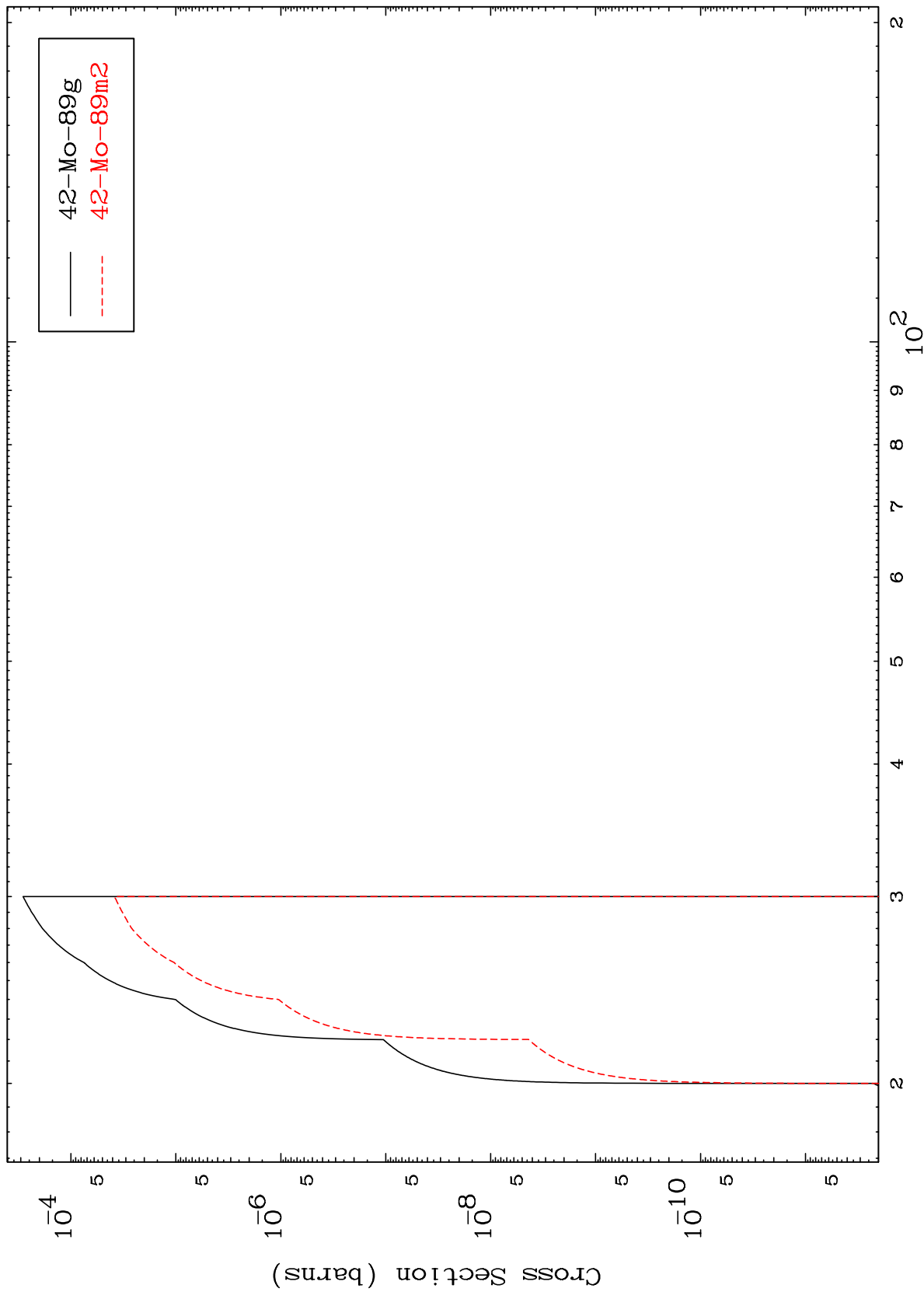
39-Y -84g  
39-Y -84m2

18

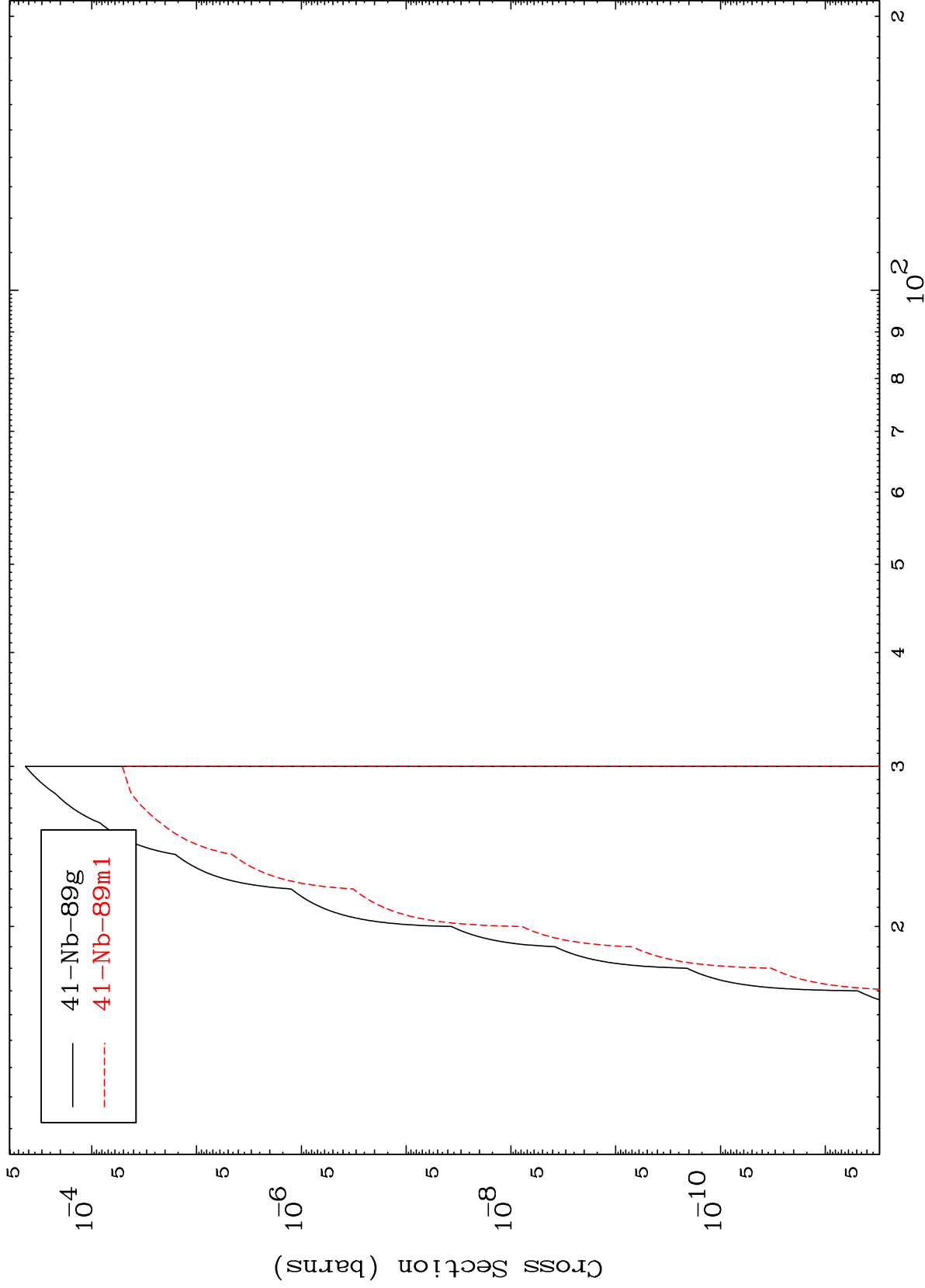
Incident Energy (MeV)

42-Mo-91

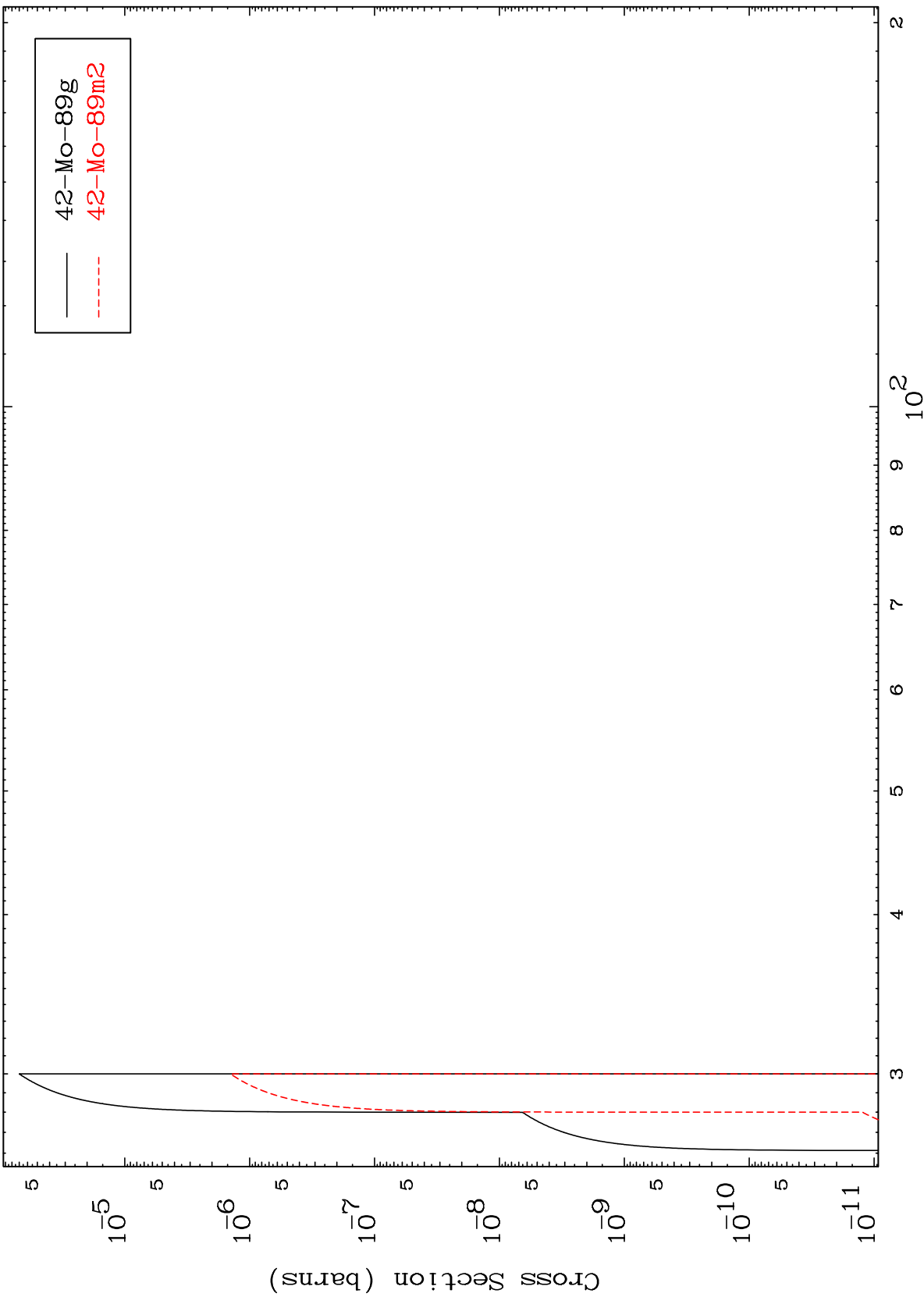
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

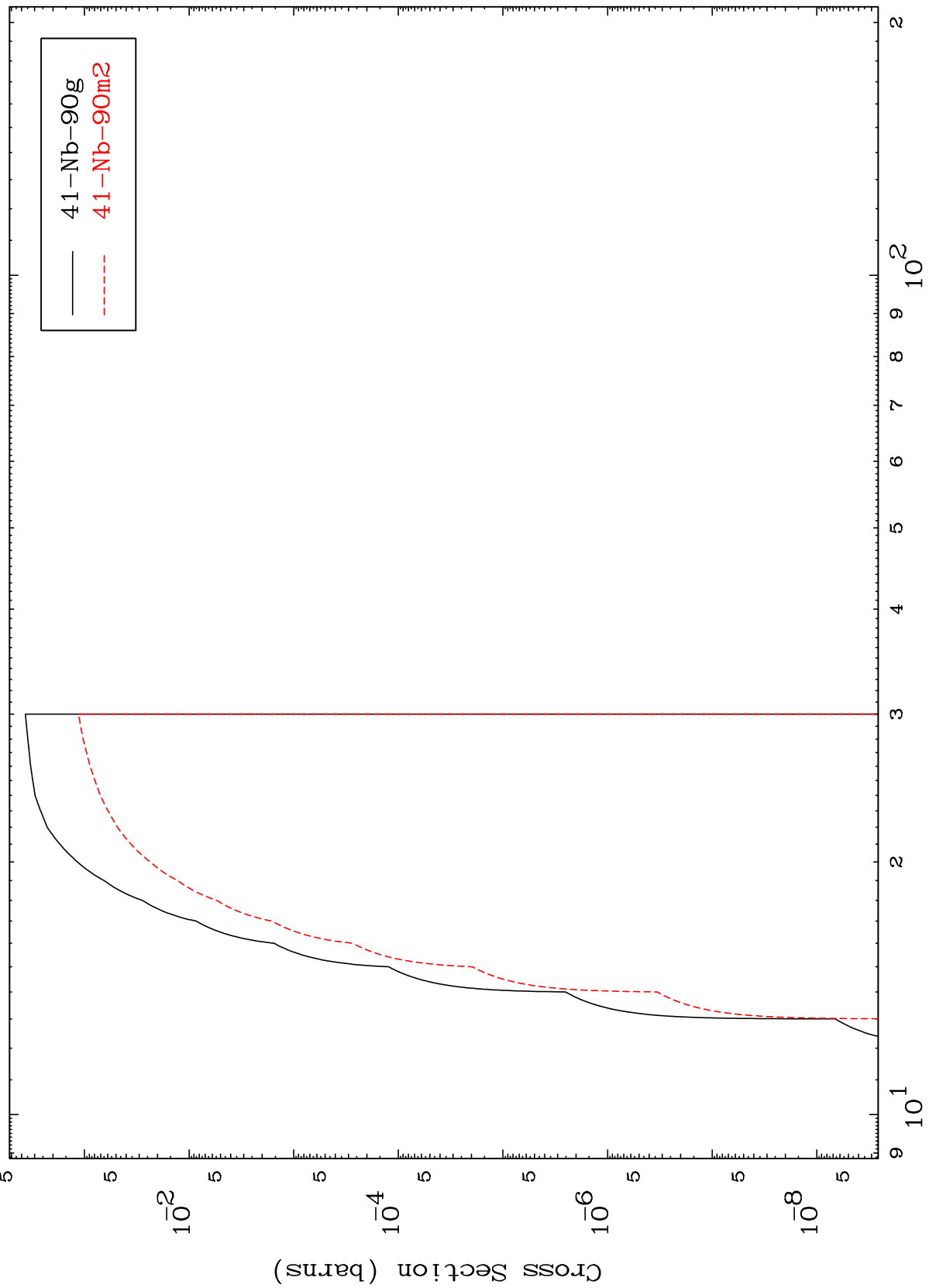


MAT 4222

(n,2n) p

42-Mo-91

Radionuclide Production Cross Section

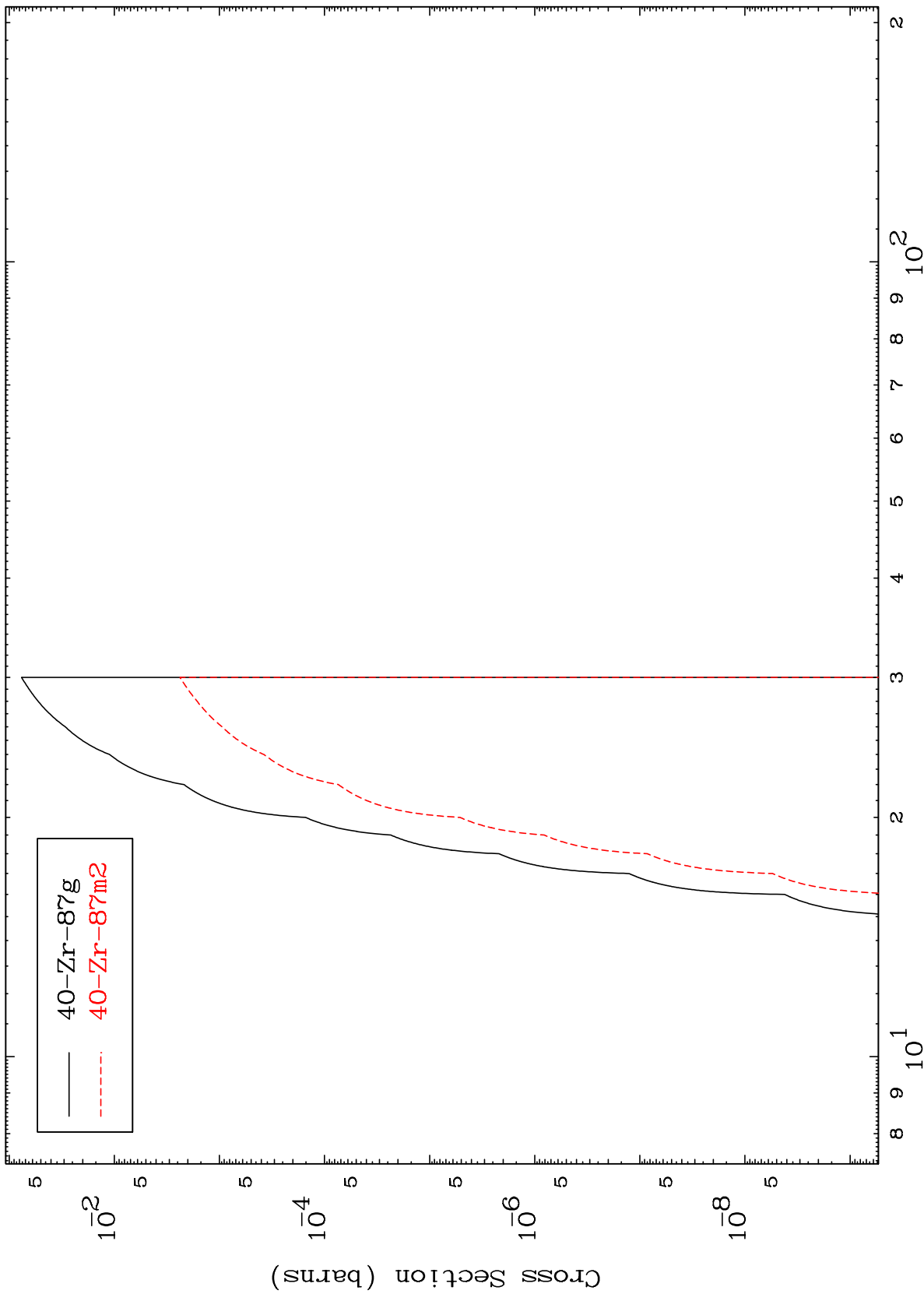


22

Incident Energy (MeV)

42-Mo-91

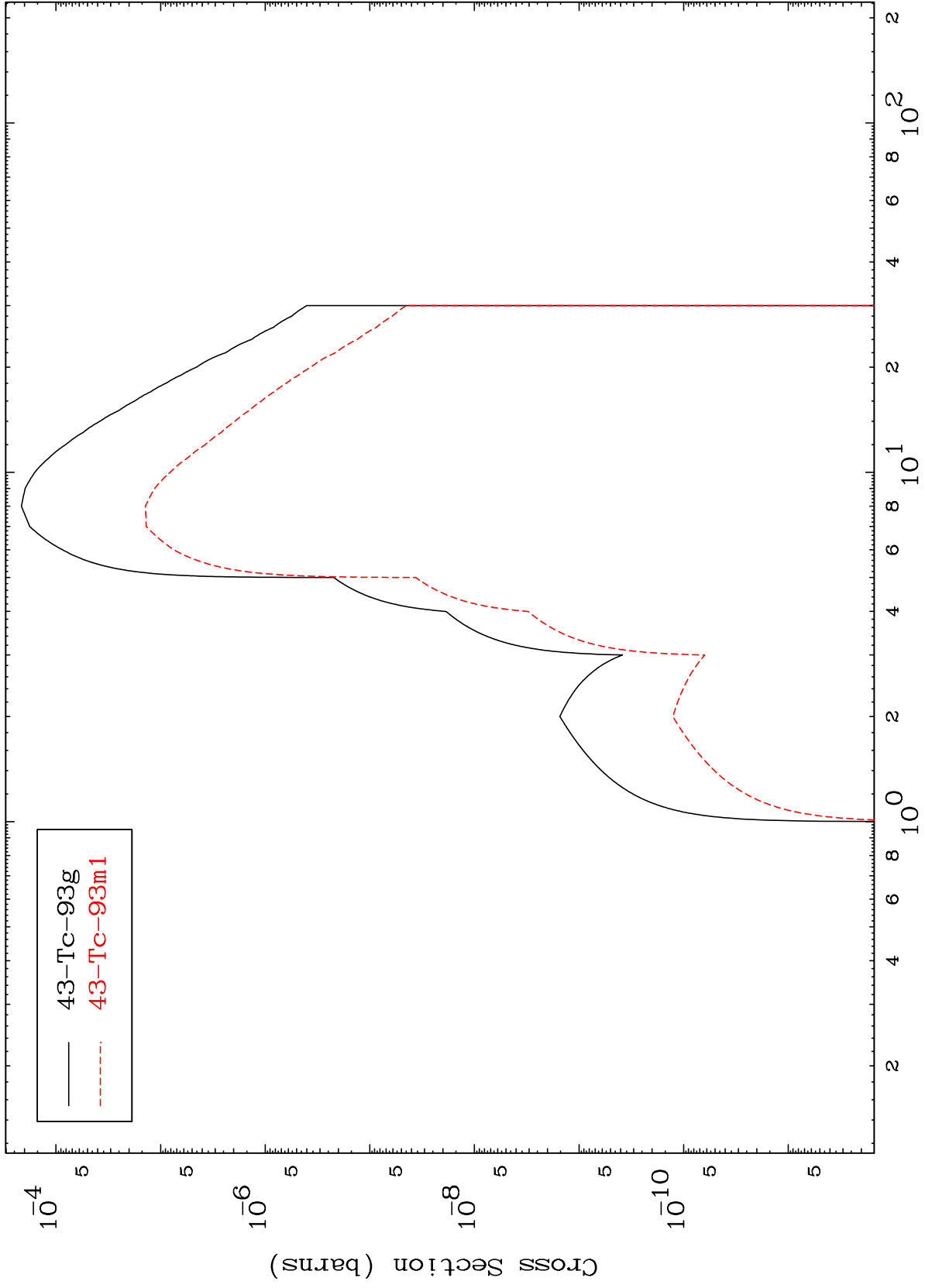
Radionuclide Production Cross Section



MAT 4222

42-Mo-91

(n,  $\gamma$ )  
Radionuclide Production Cross Section

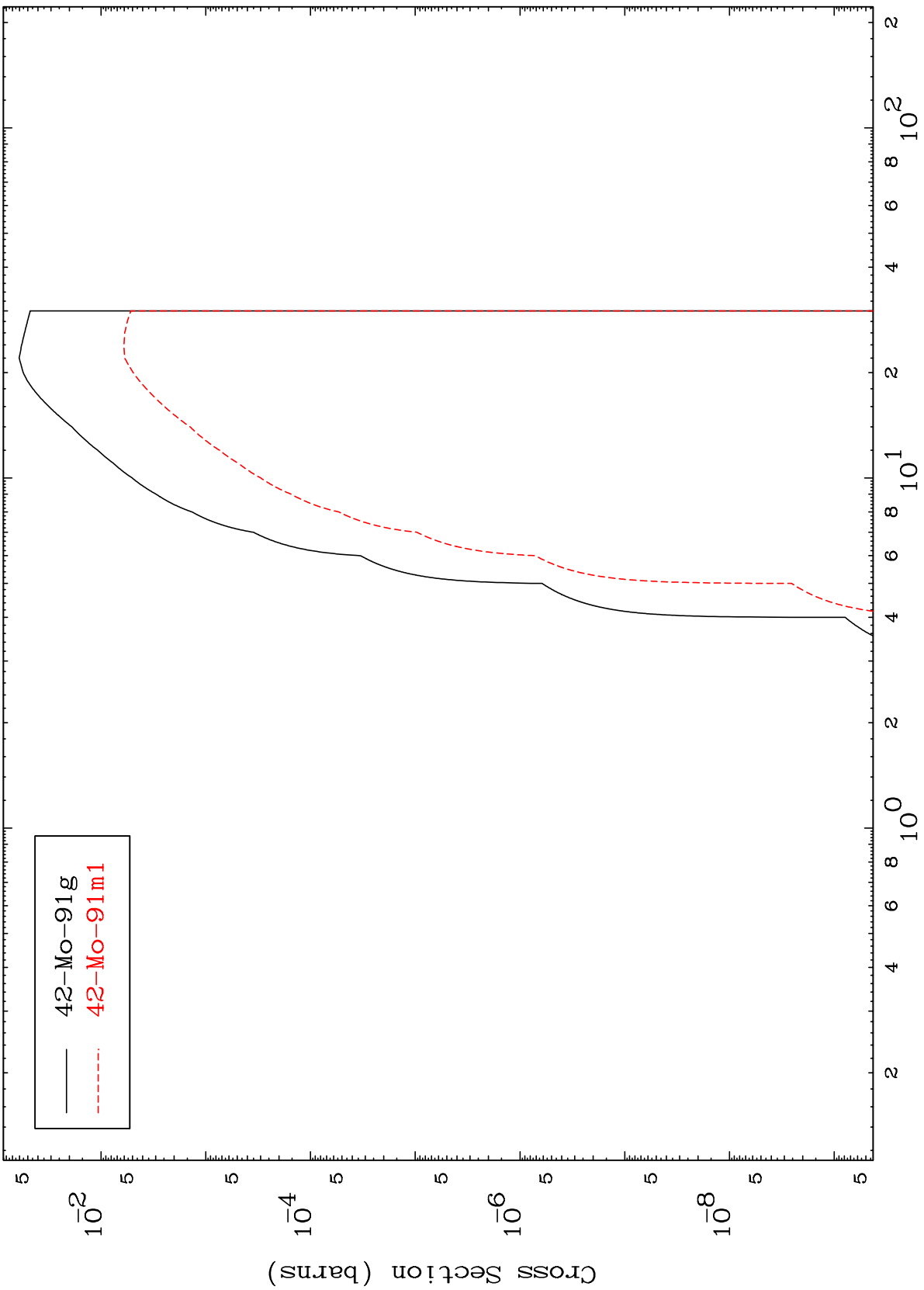


— 43-Tc-93g  
- - - 43-Tc-93m1

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42-Mo-91

(n,d)  
Radionuclide Production Cross Section



42-Mo-91

Incident Energy (MeV)

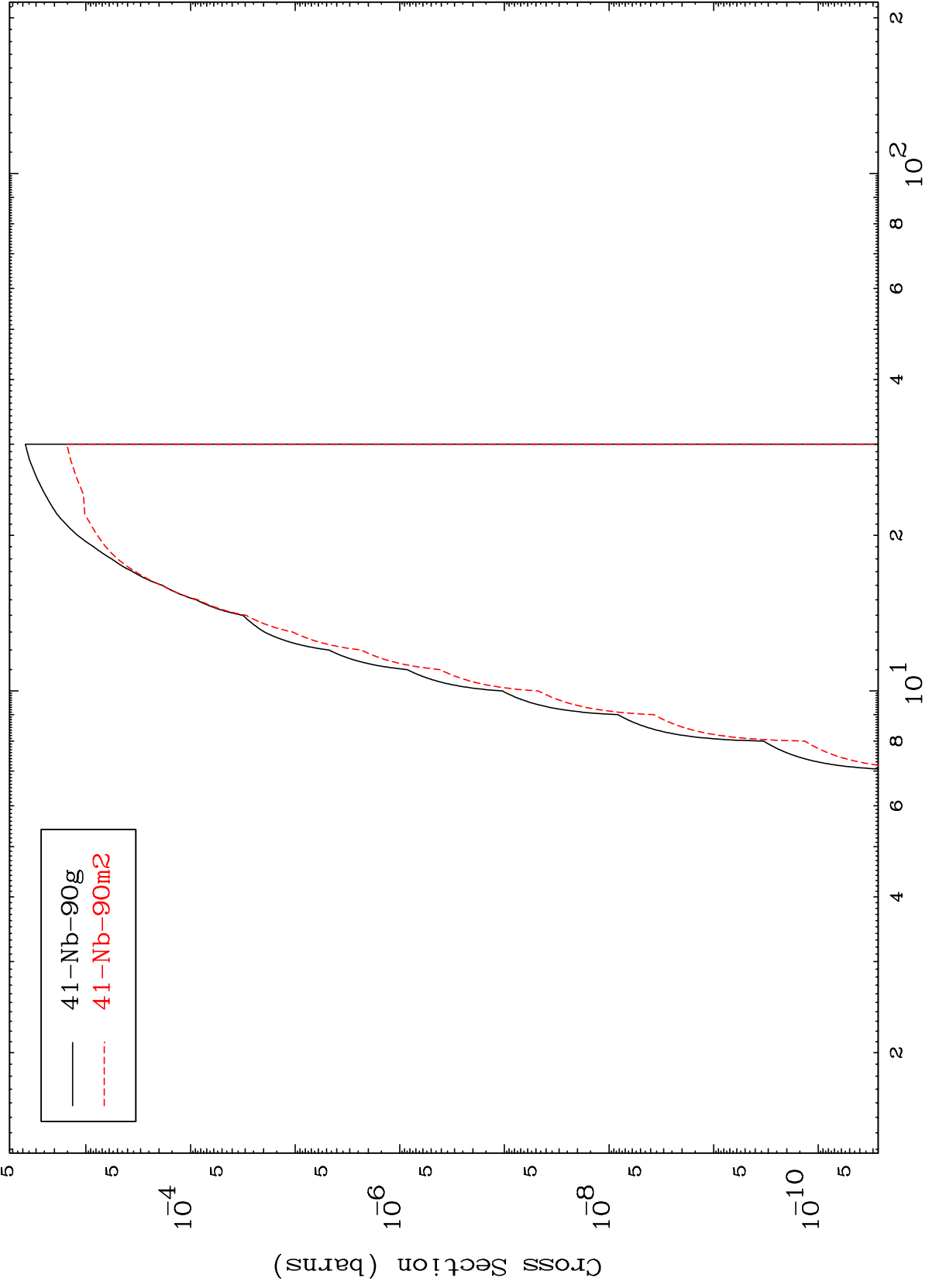
25

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(n,He-3)

42-Mo-91

Radionuclide Production Cross Section



26

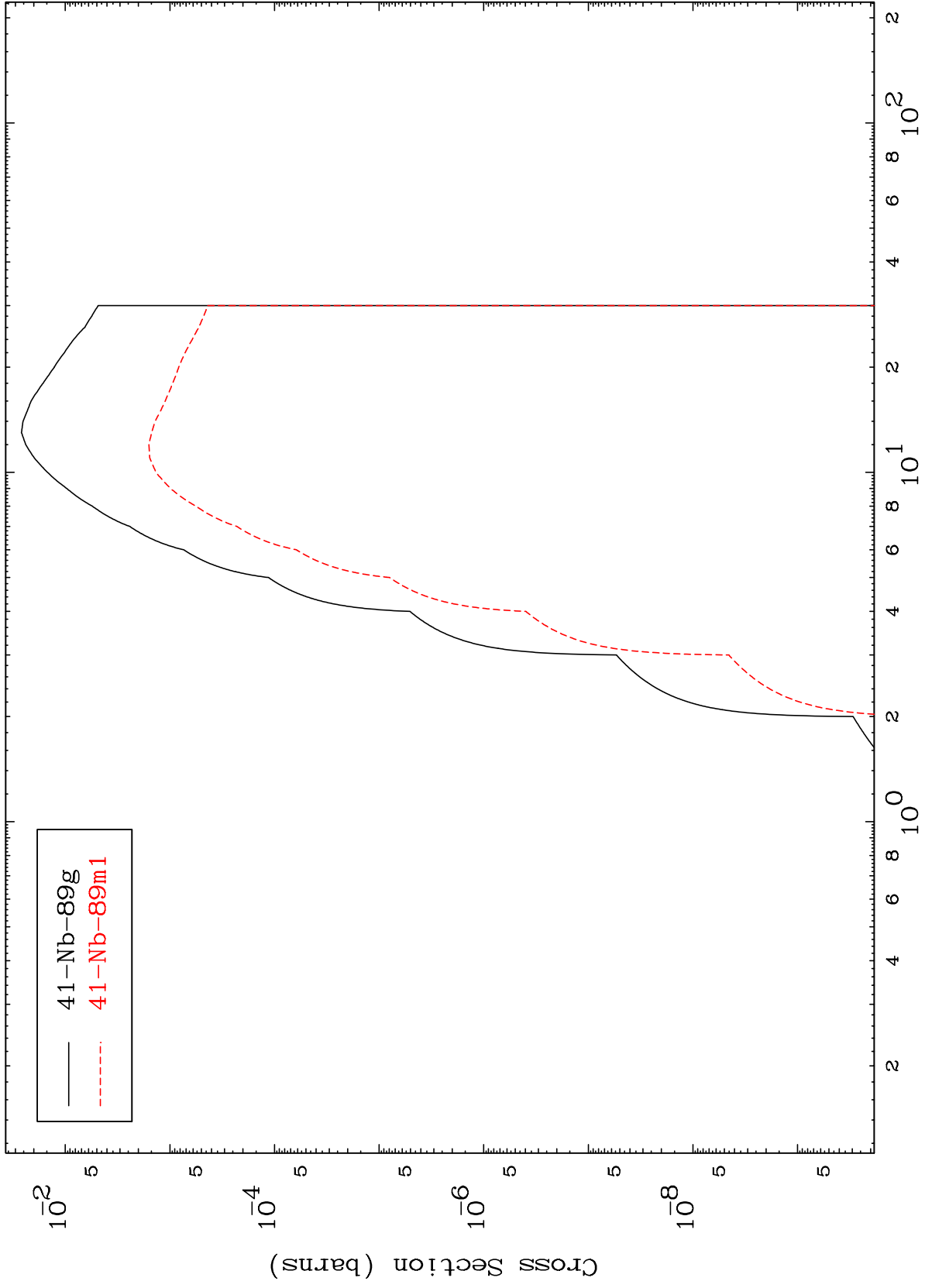
Incident Energy (MeV)

42-Mo-91

MAT 4222

42-Mo-91

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



27

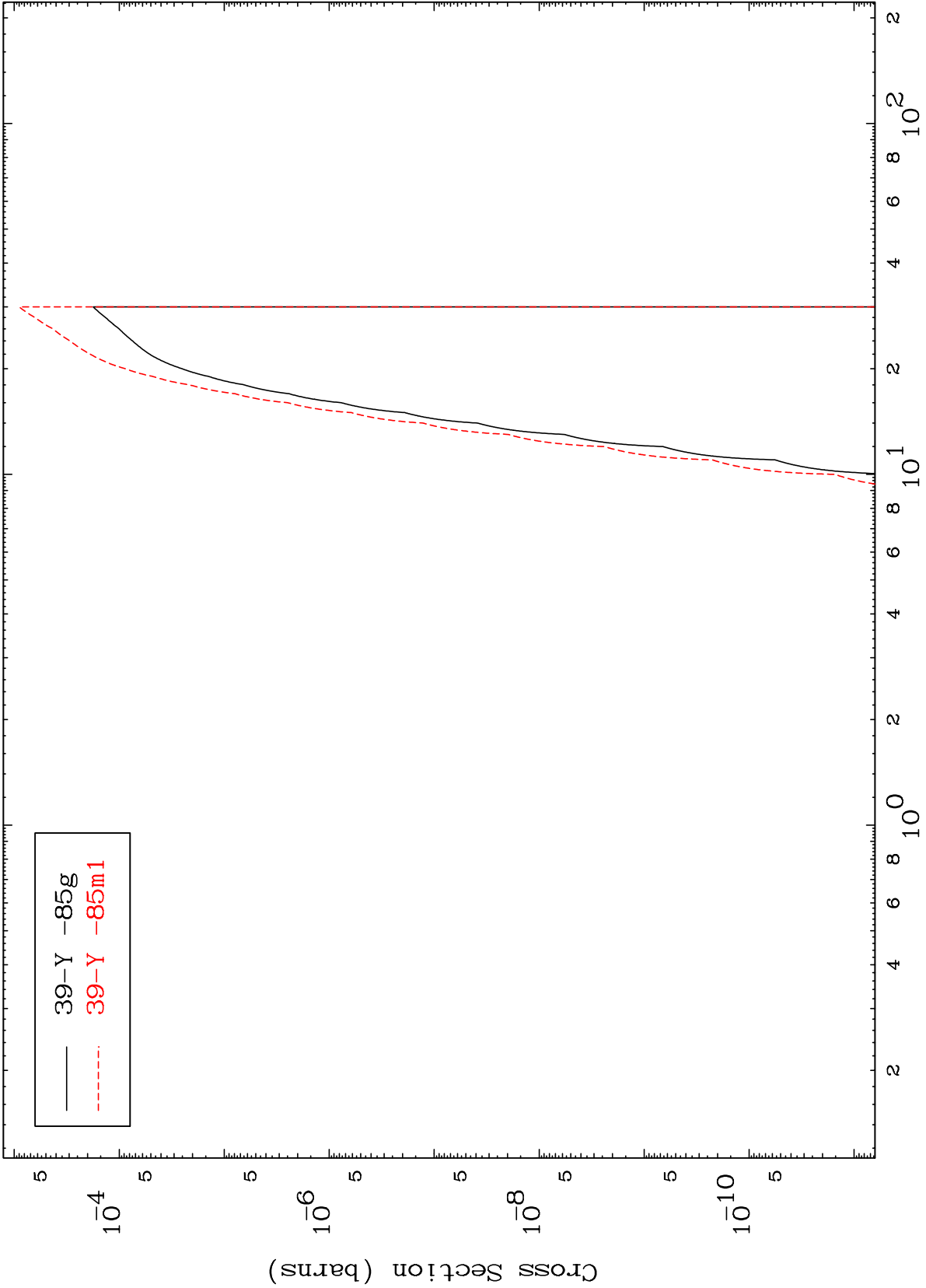
42-Mo-91

MAT 4222

(n,2α)

42-Mo-91

Radionuclide Production Cross Section



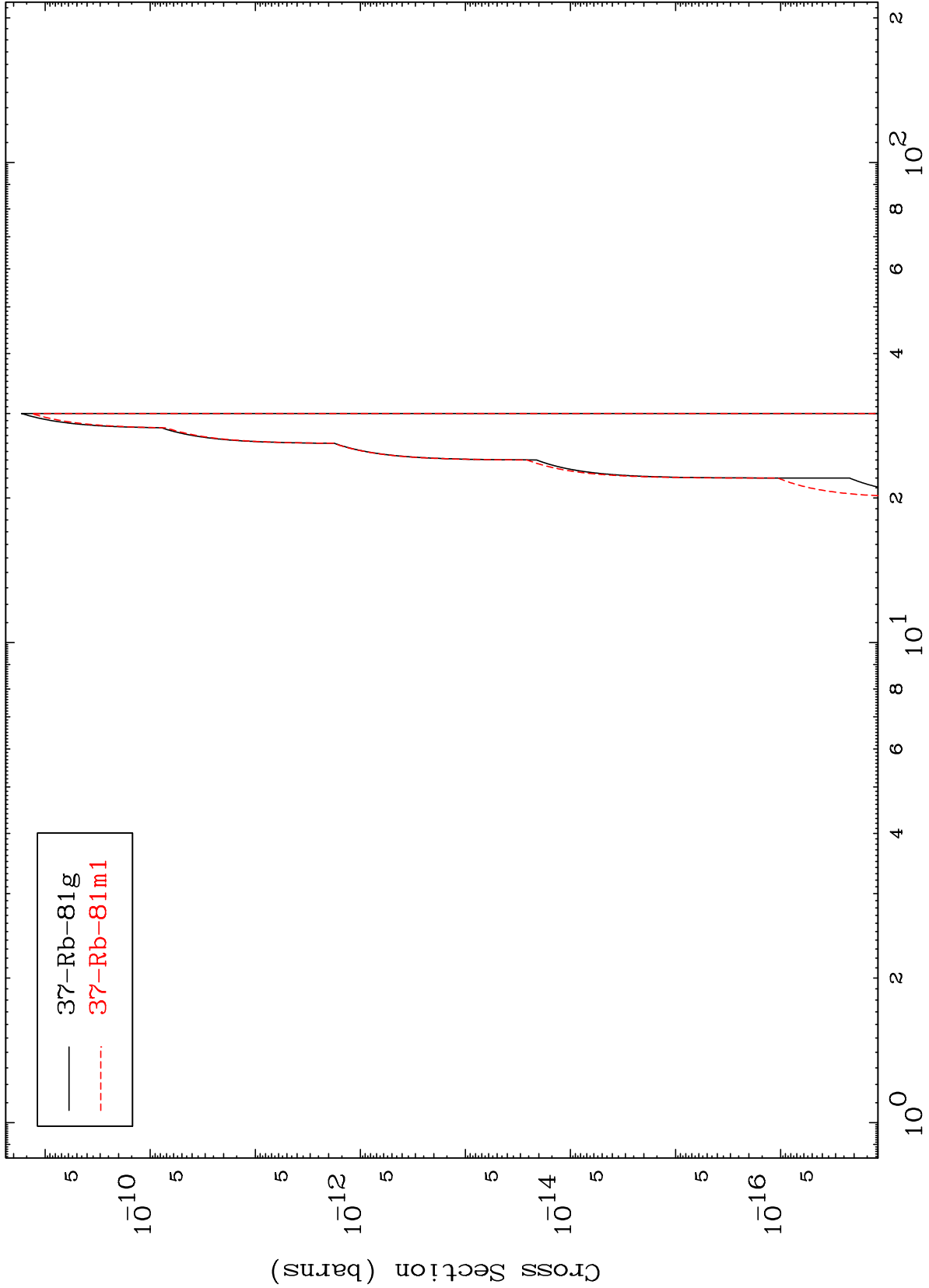
39-Y -85g  
39-Y -85m1

MAT 4222

(n,3α)

42-Mo-91

Radionuclide Production Cross Section



— 37-Rb-81g  
- - - 37-Rb-81m1

29

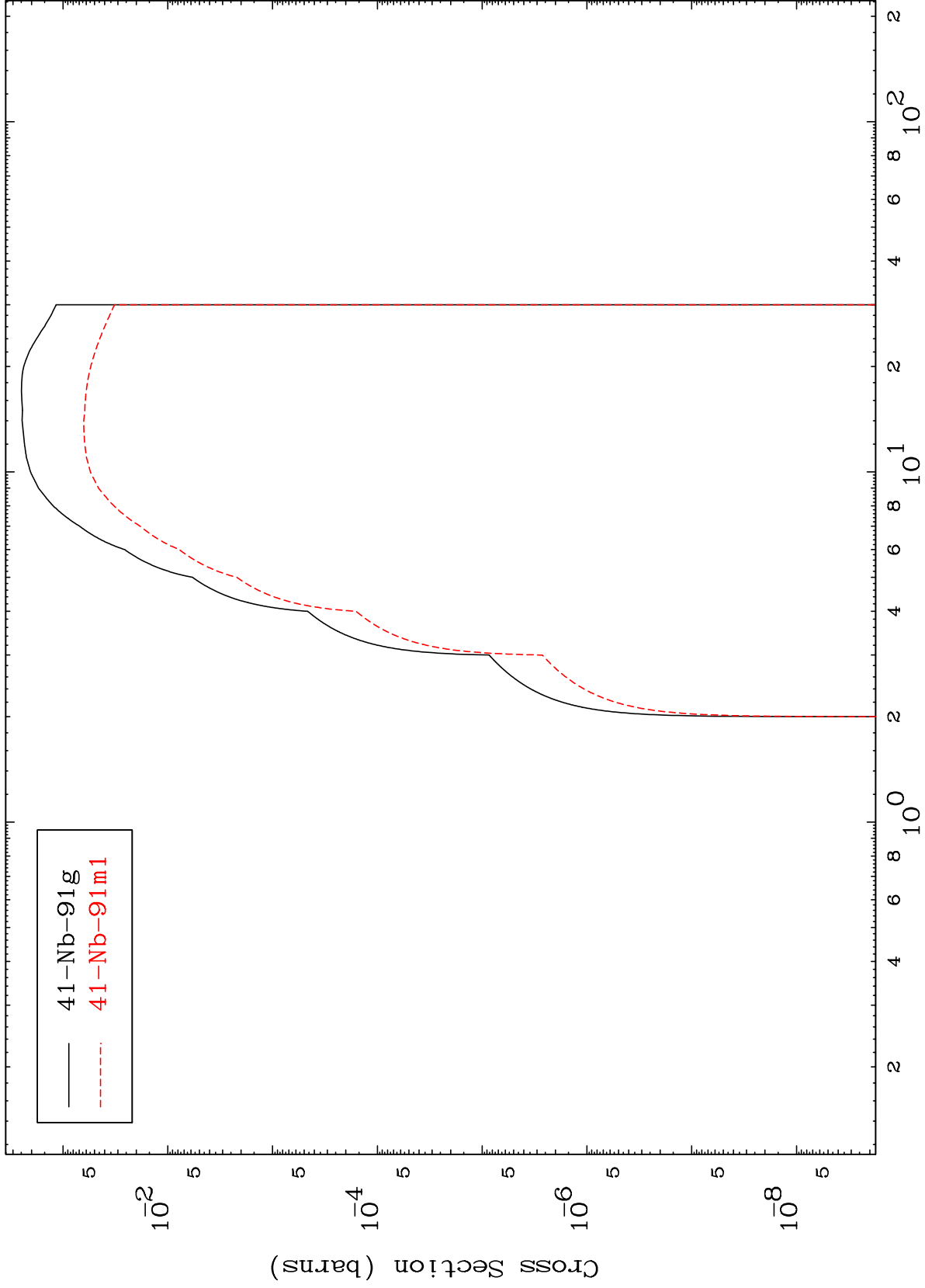
Incident Energy (MeV)

42-Mo-91

MAT 4222

42-Mo-91

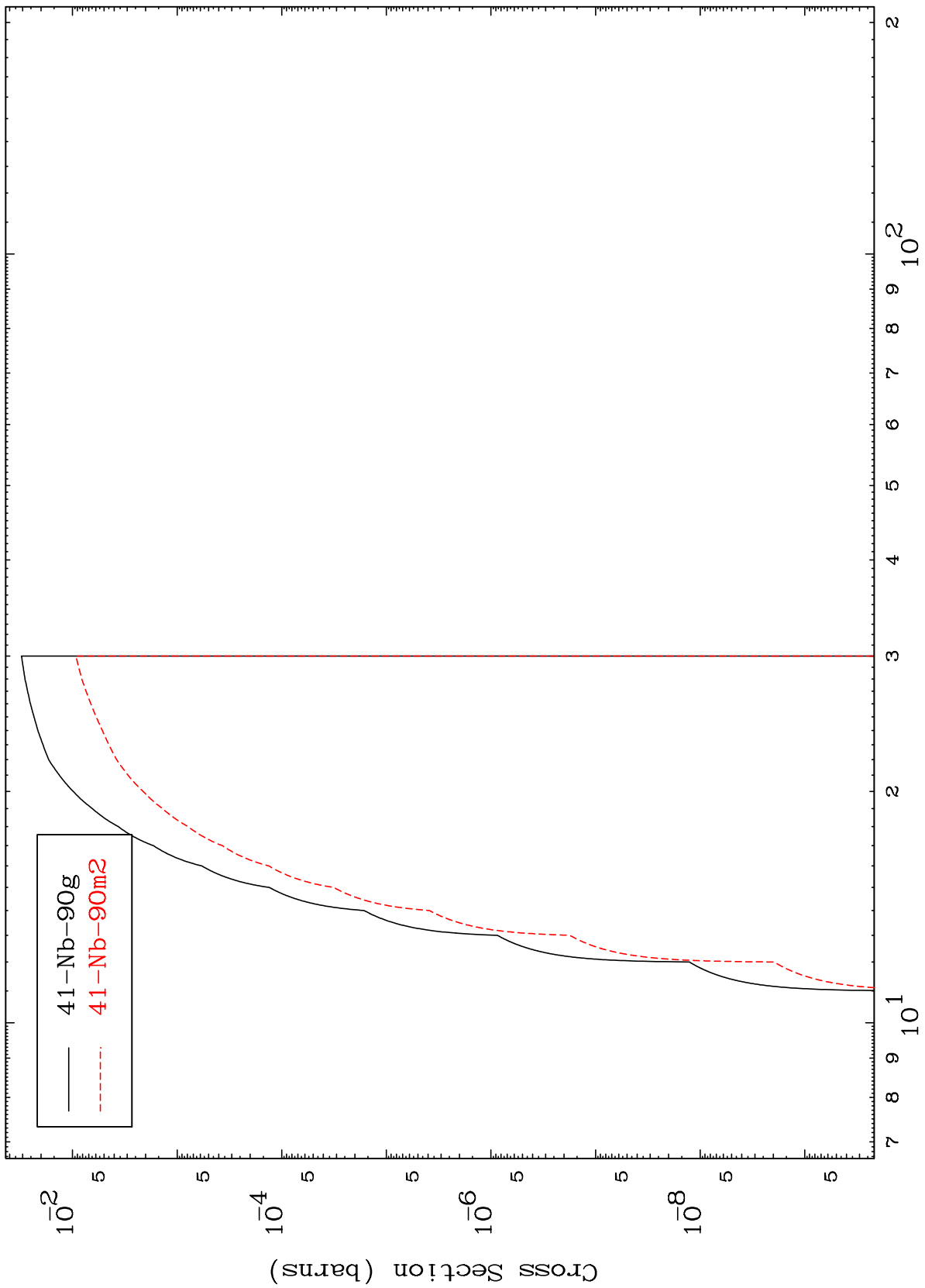
(n,2p)  
Radionuclide Production Cross Section



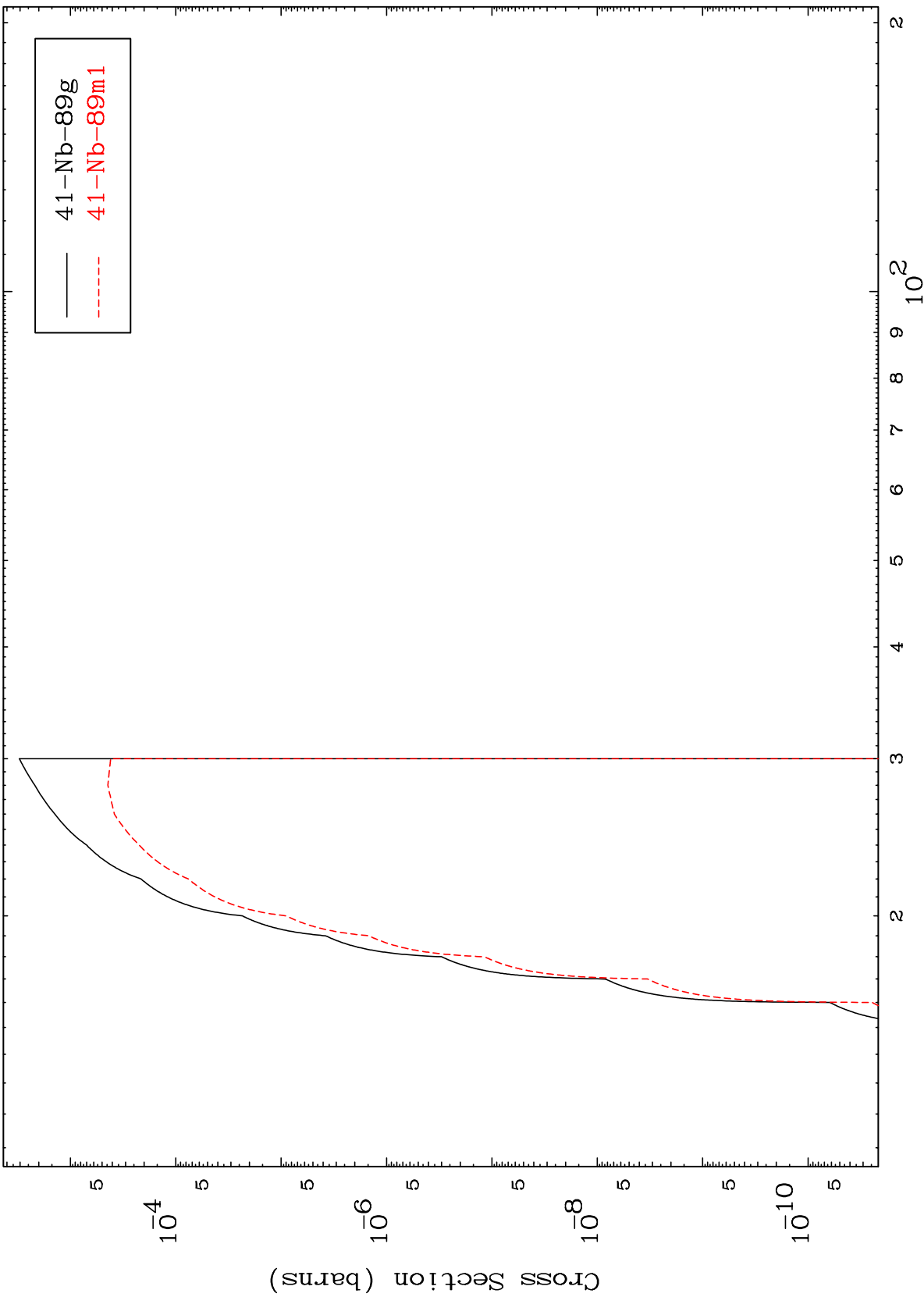
30

42-Mo-91

Radionuclide Production Cross Section



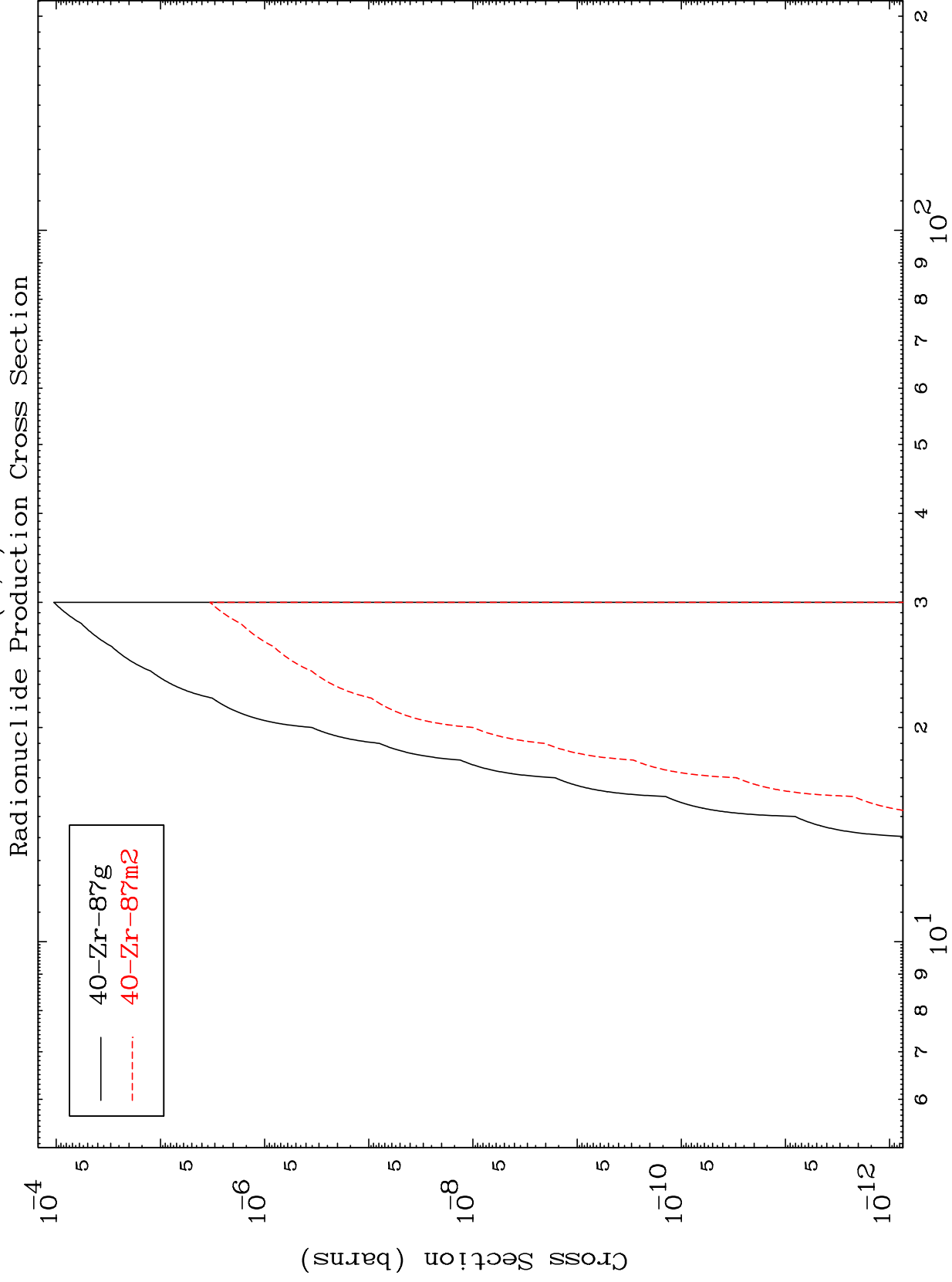
Radionuclide Production Cross Section



MAT 4222

(n,d)  $\alpha$

42-Mo-91



33

Incident Energy (MeV)

42-Mo-91