

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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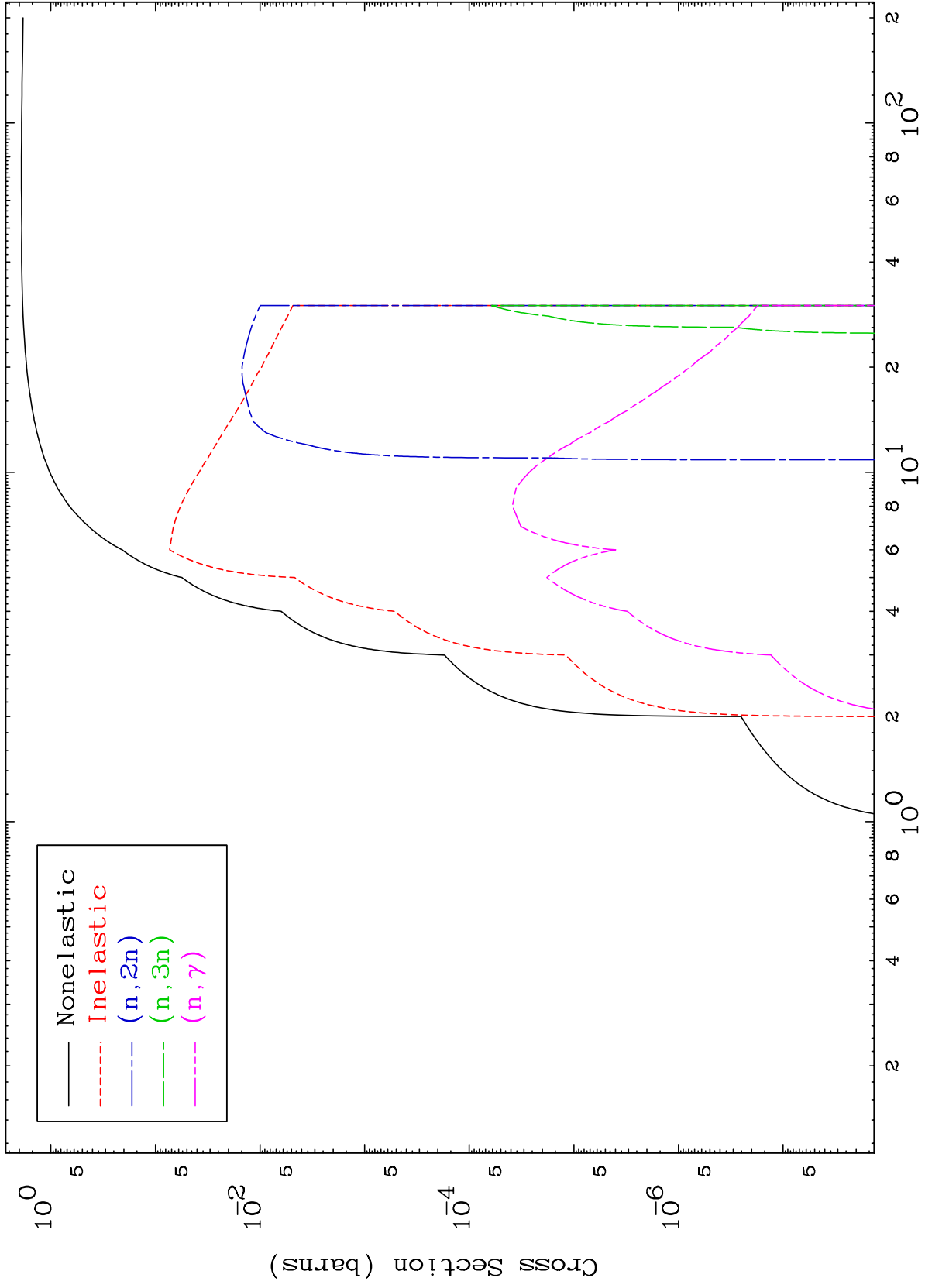
Tele: 925-443-1911

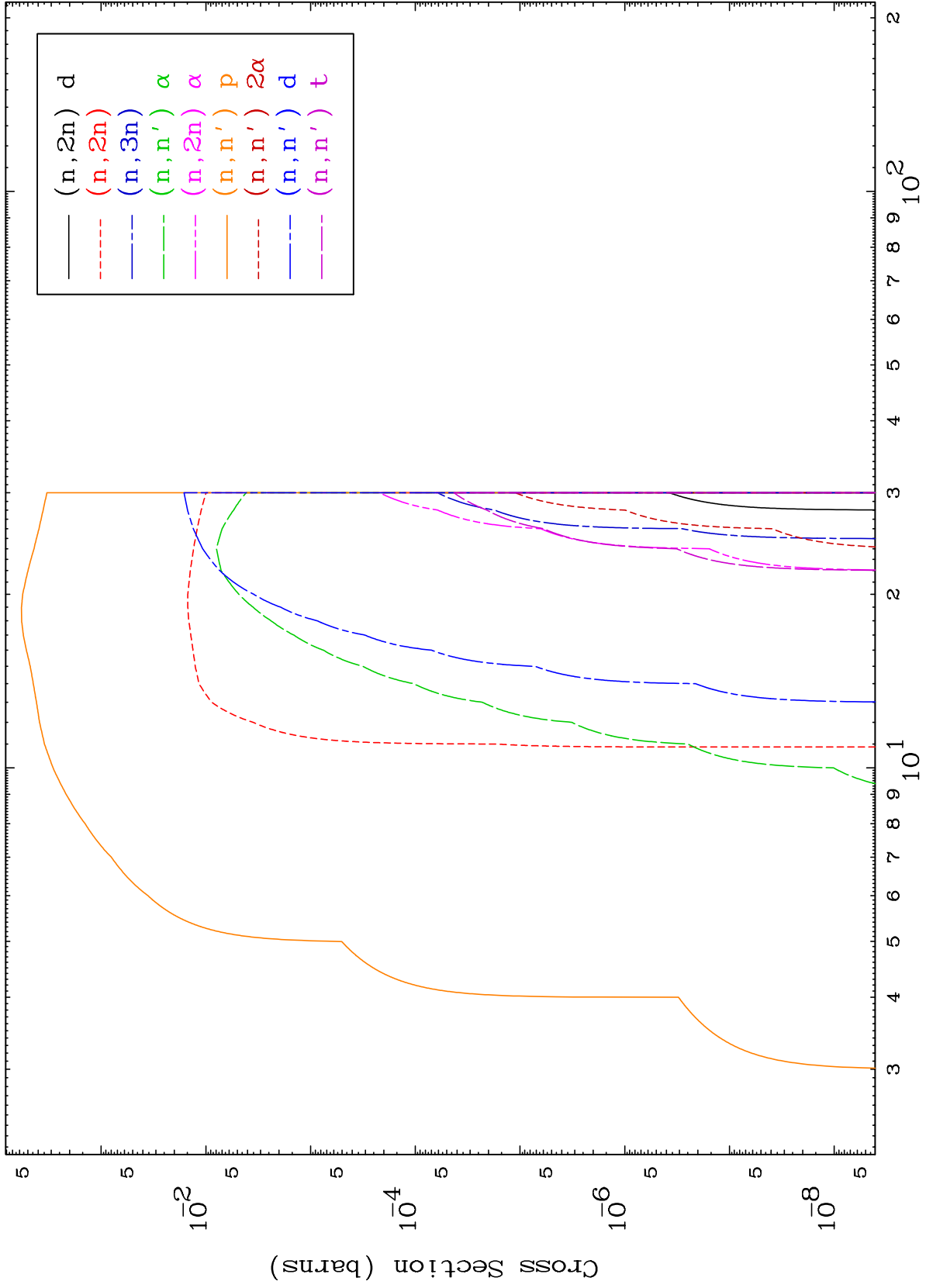
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

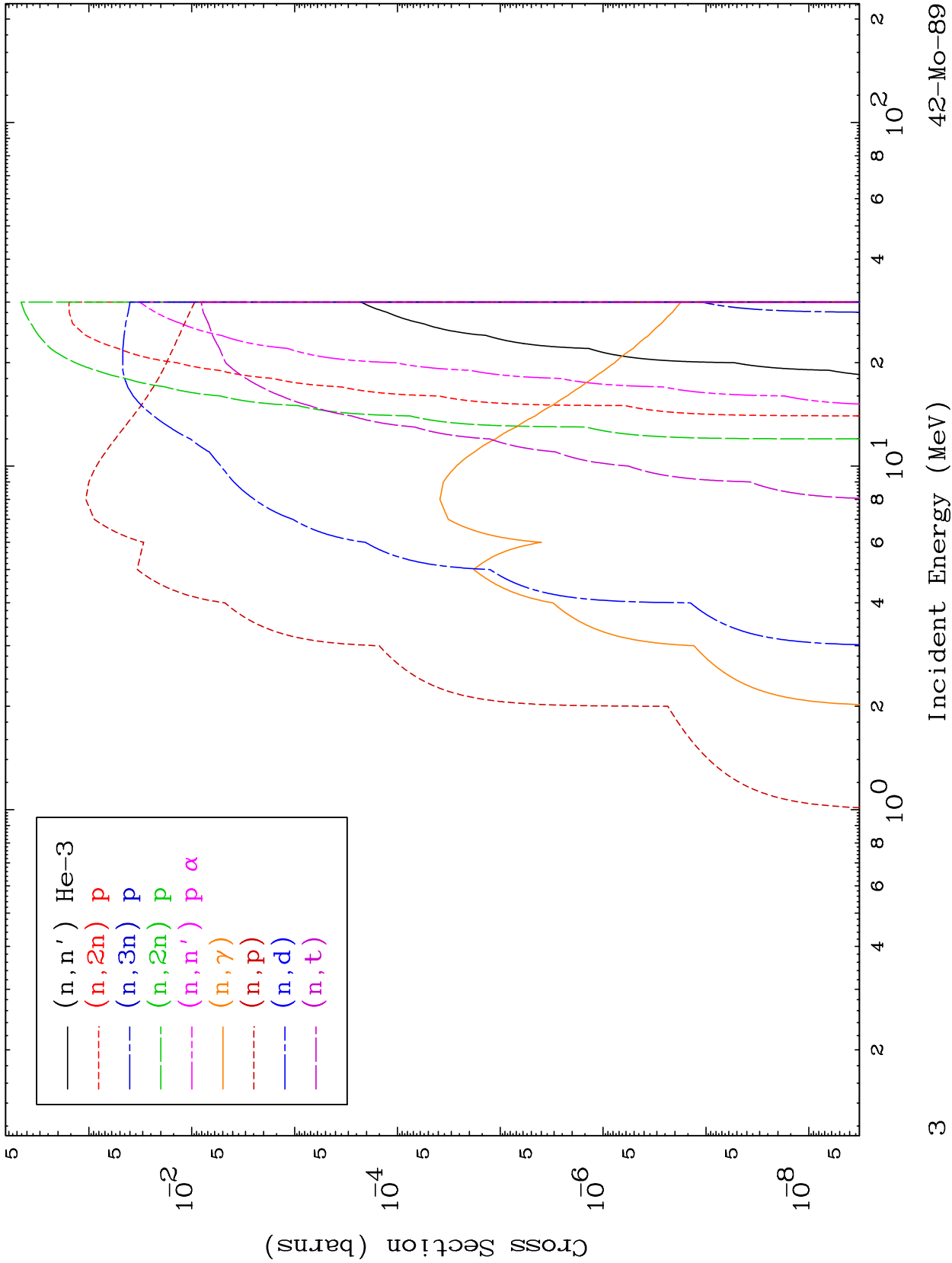
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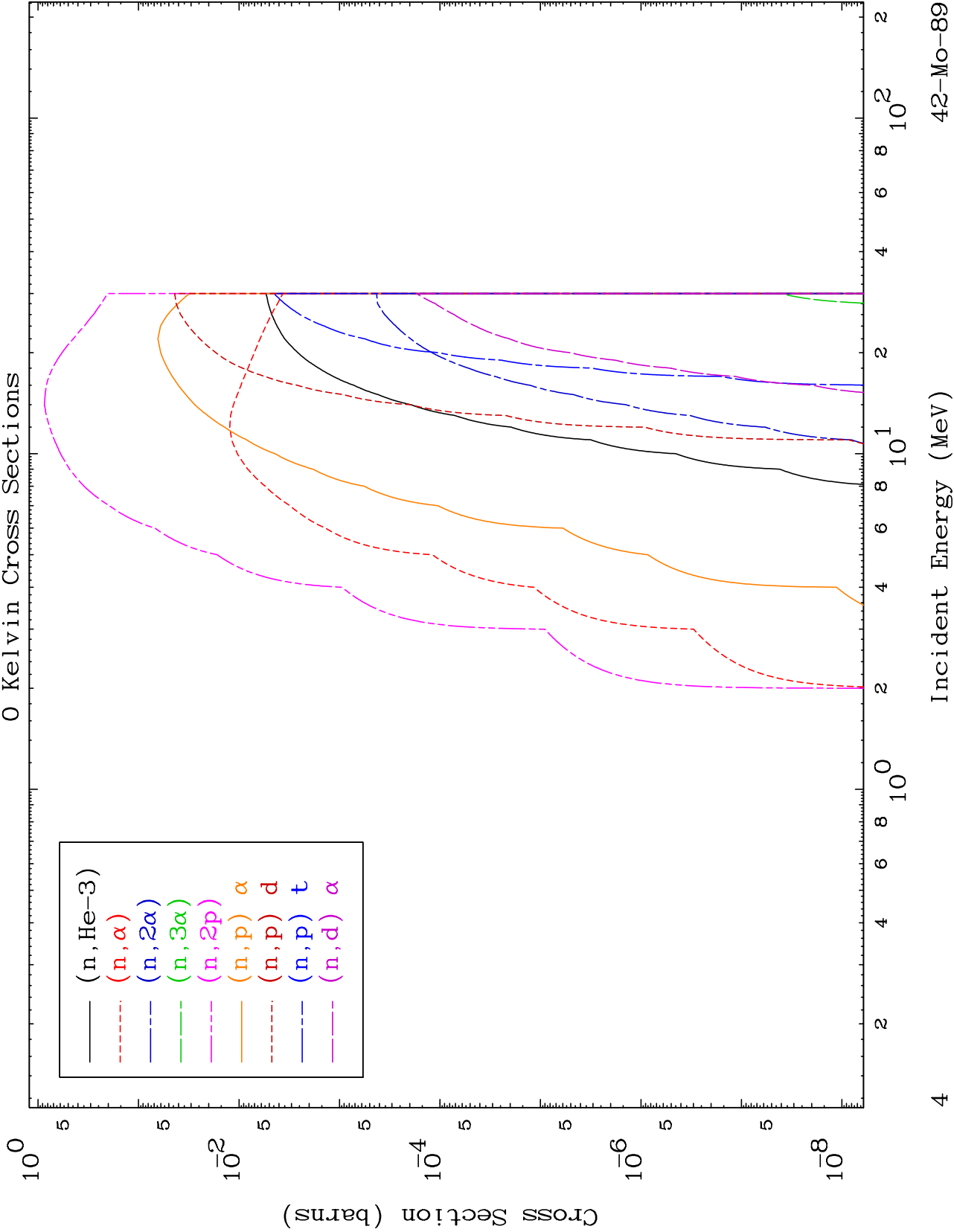
Press Mouse Button to Start

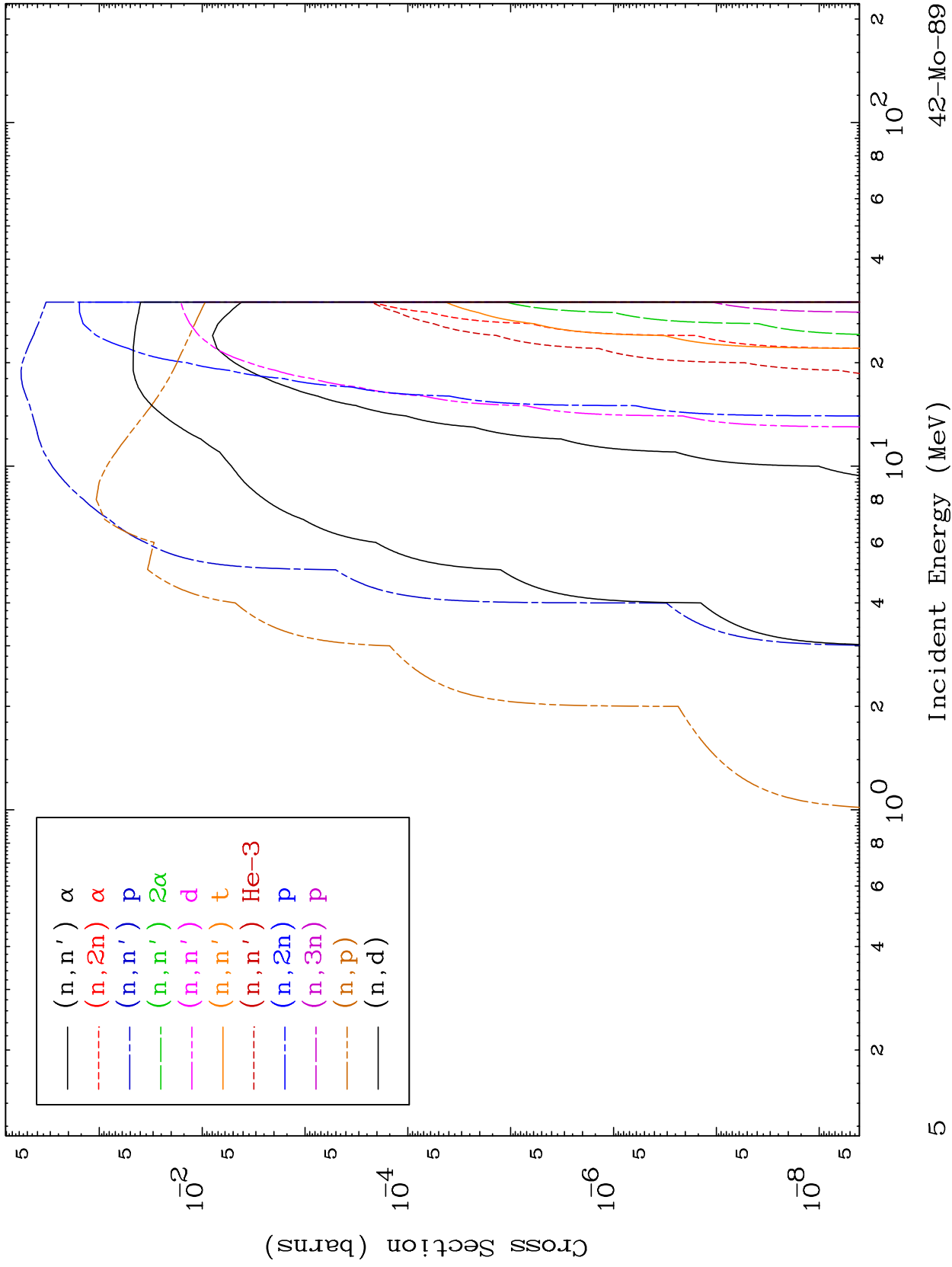
0 Kelvin Cross Sections







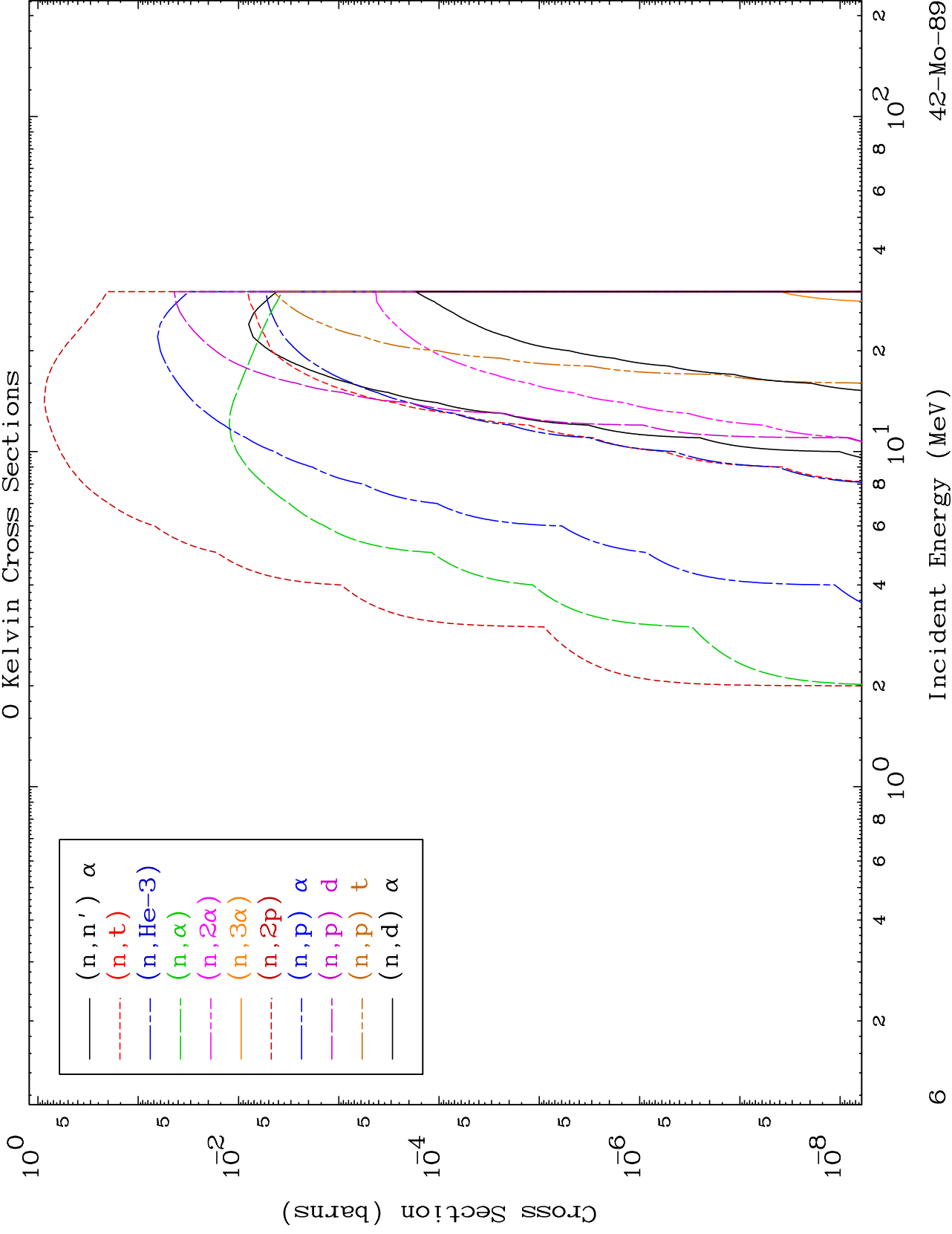




MAT 4216

Deuteron Charged Particle  
0 Kelvin Cross Sections

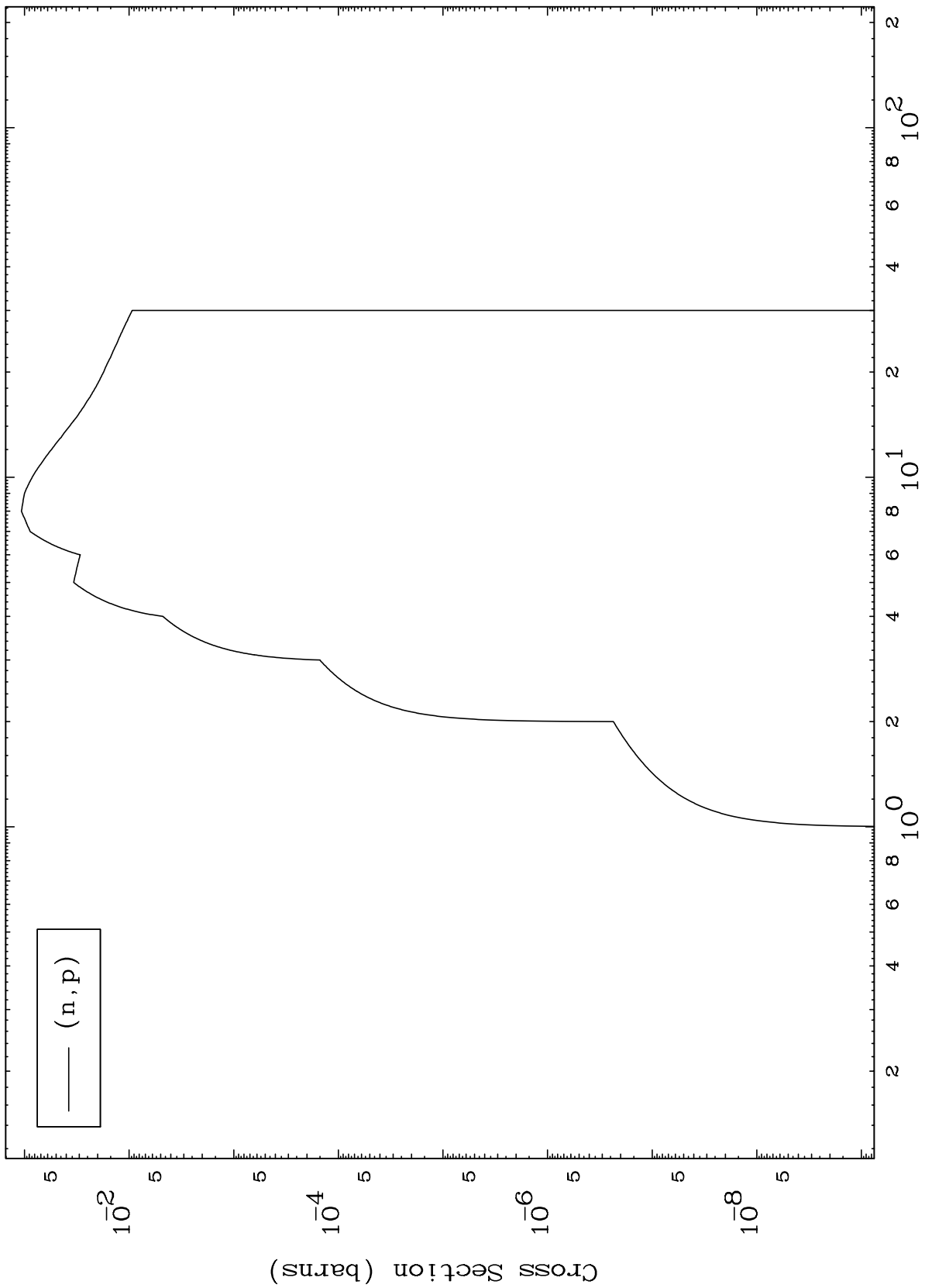
42-Mo-89



MAT 4216

42-Mo-89

(d,p) Levels  
0 Kelvin Cross Sections



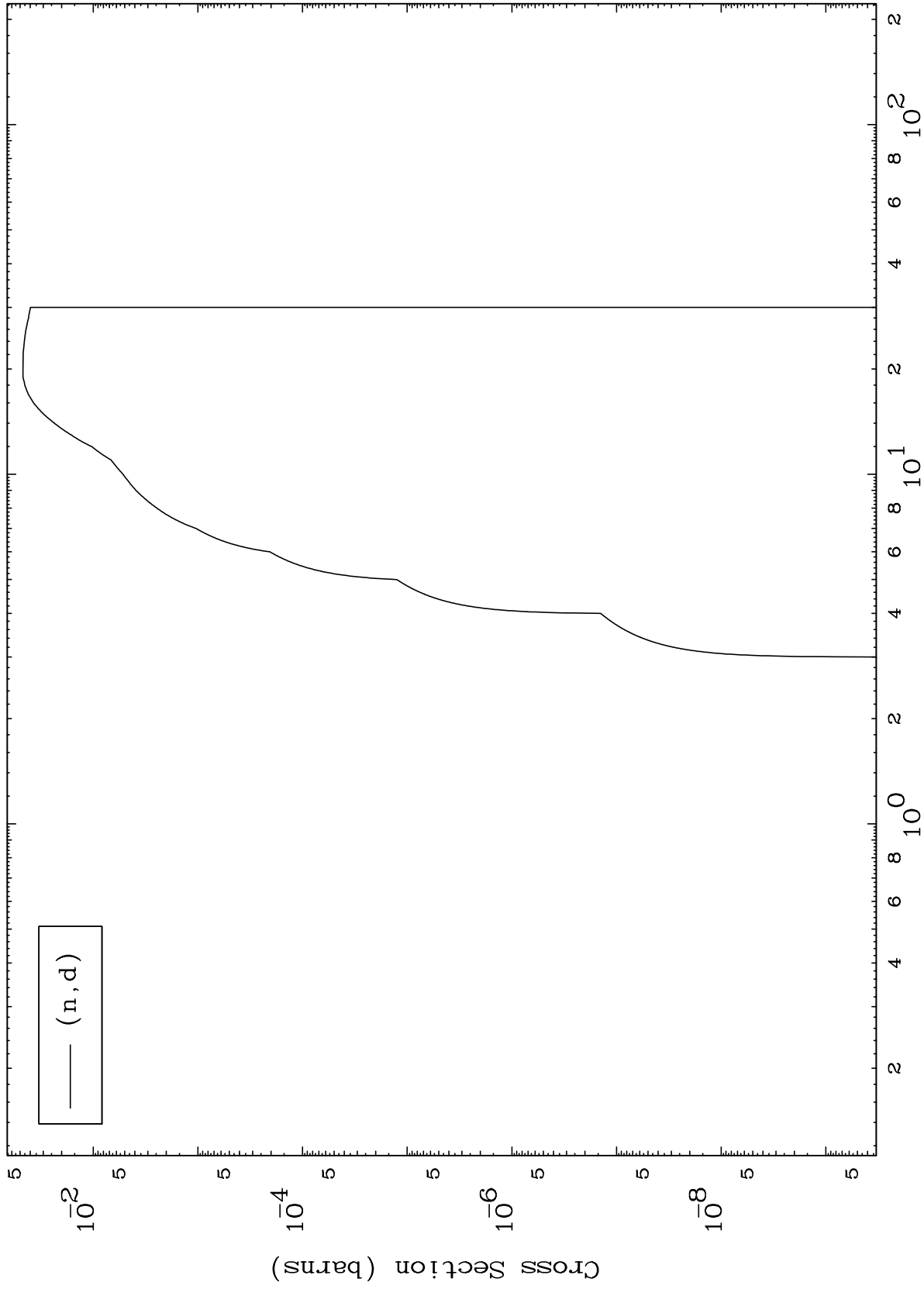


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(d,d) Levels

42-Mo-89

0 Kelvin Cross Sections

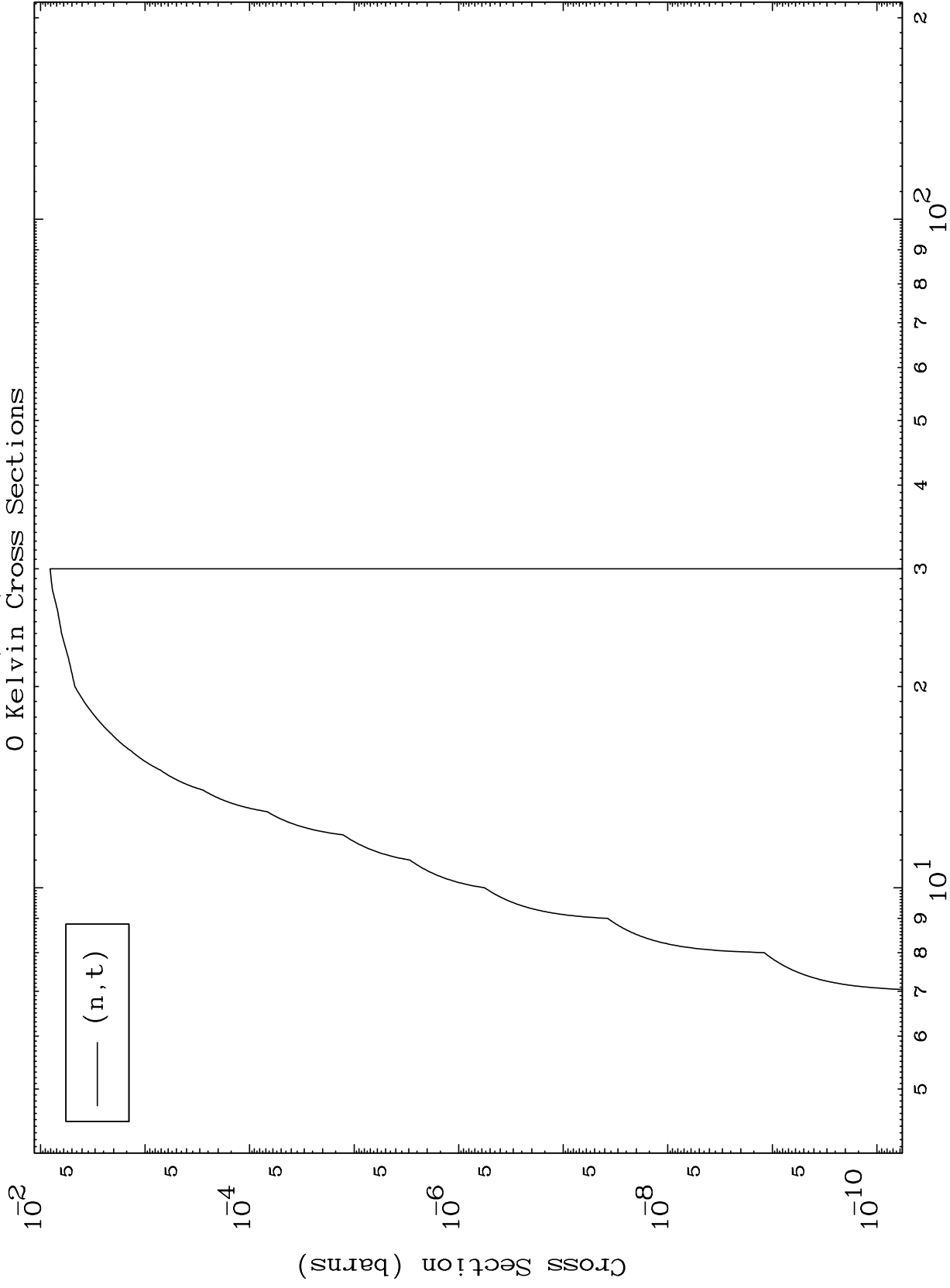


(n,d)

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(d,t) Levels  
0 Kelvin Cross Sections

42-Mo-89



9

Incident Energy (MeV)

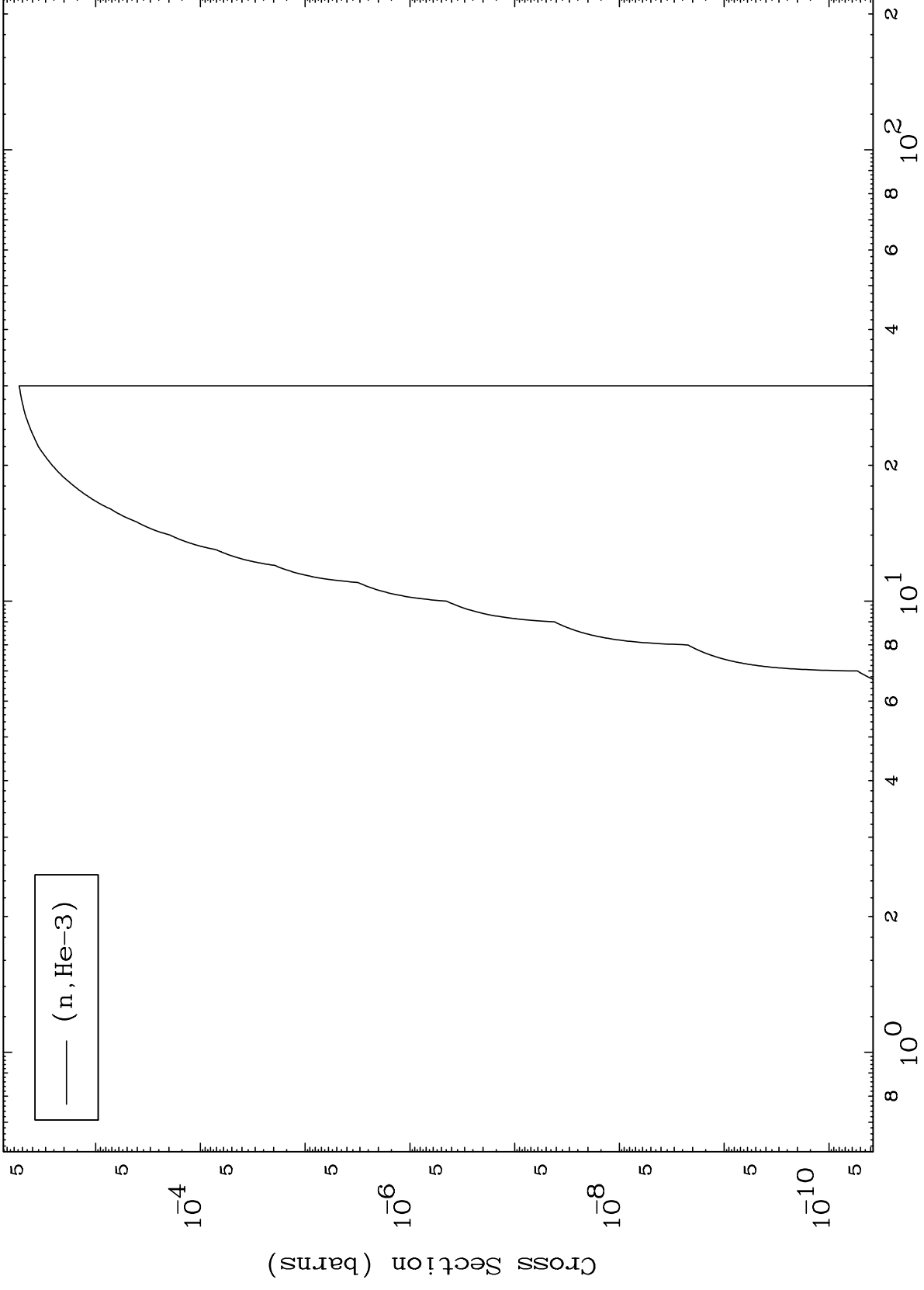
42-Mo-89

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(d,He3) Levels

42-Mo-89

0 Kelvin Cross Sections



10

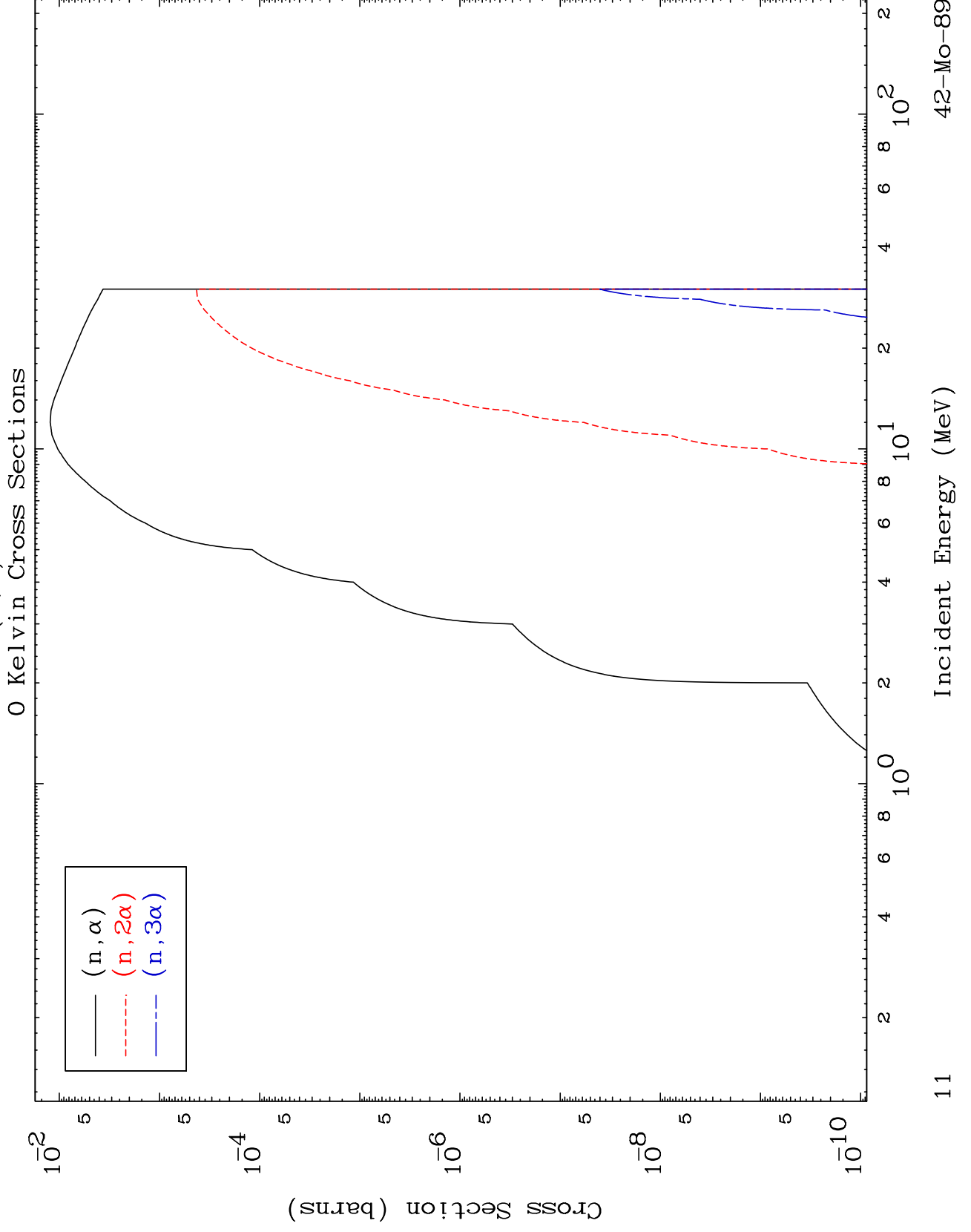
Incident Energy (MeV)

42-Mo-89

MAT 4216

(d,  $\alpha$ ) Levels

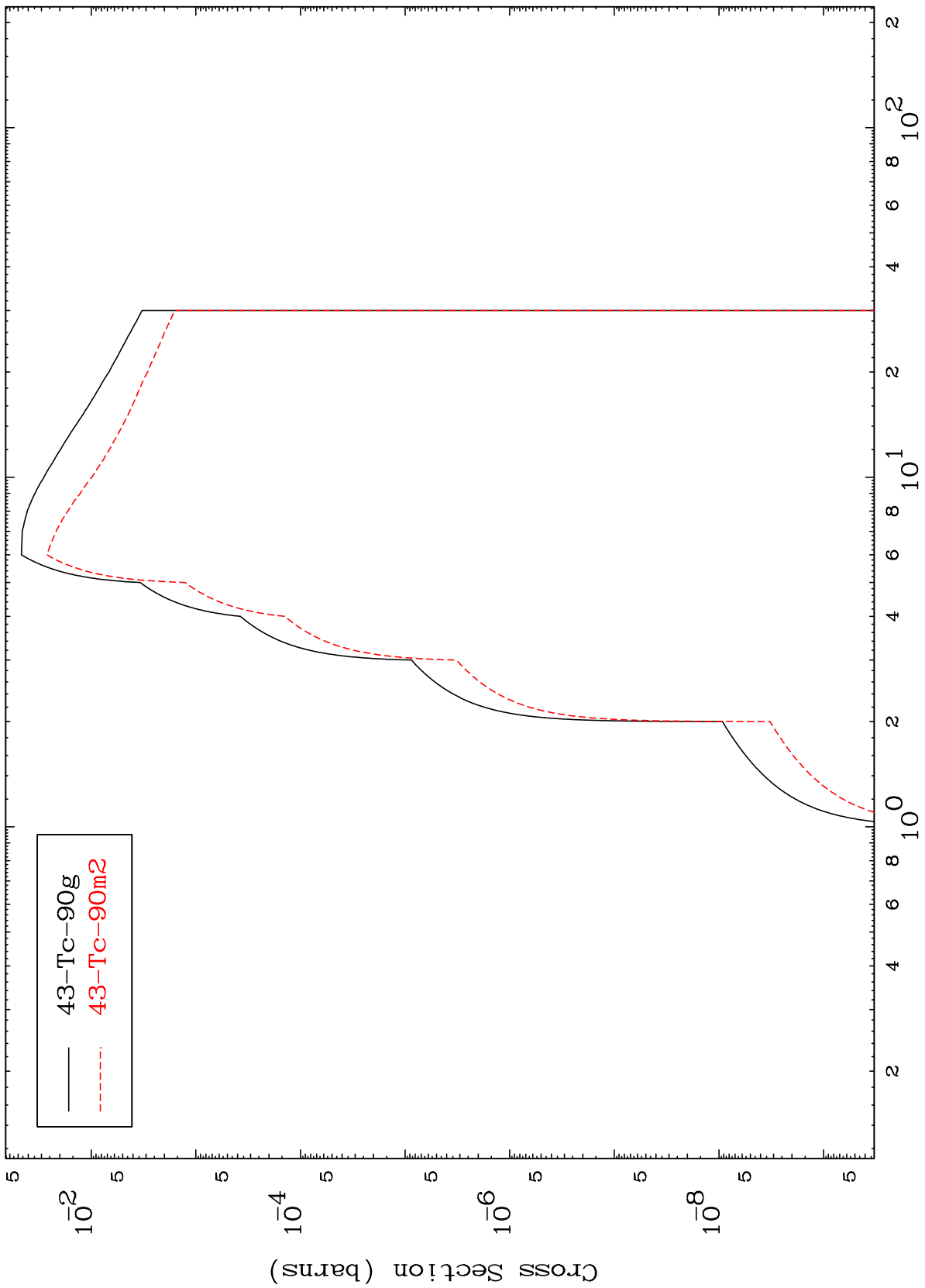
42-Mo-89



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42-Mo-89

Inelastic  
Radionuclide Production Cross Section



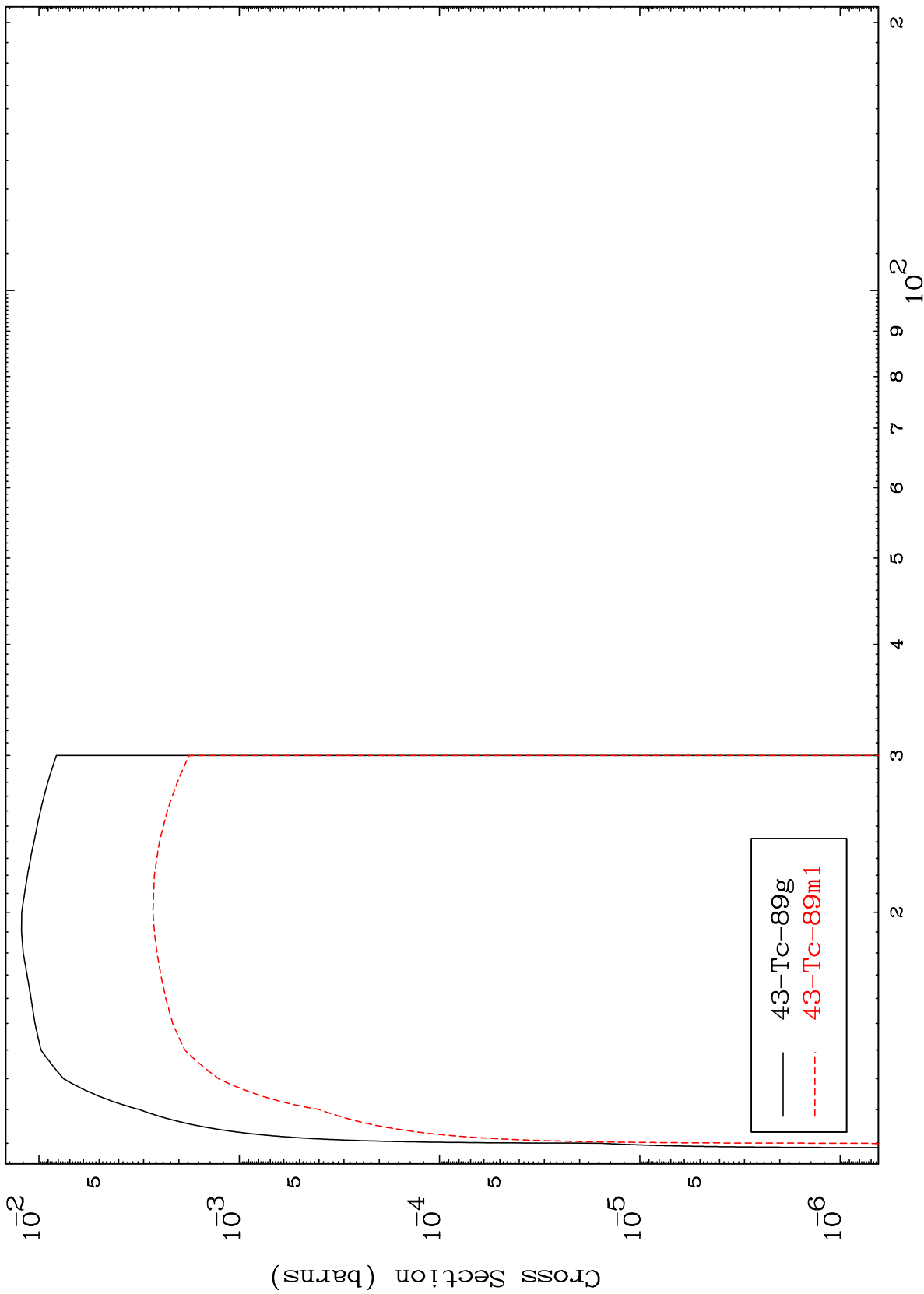
— 43-Tc-90g  
- - - 43-Tc-90m2

42-Mo-89

Incident Energy (MeV)

12

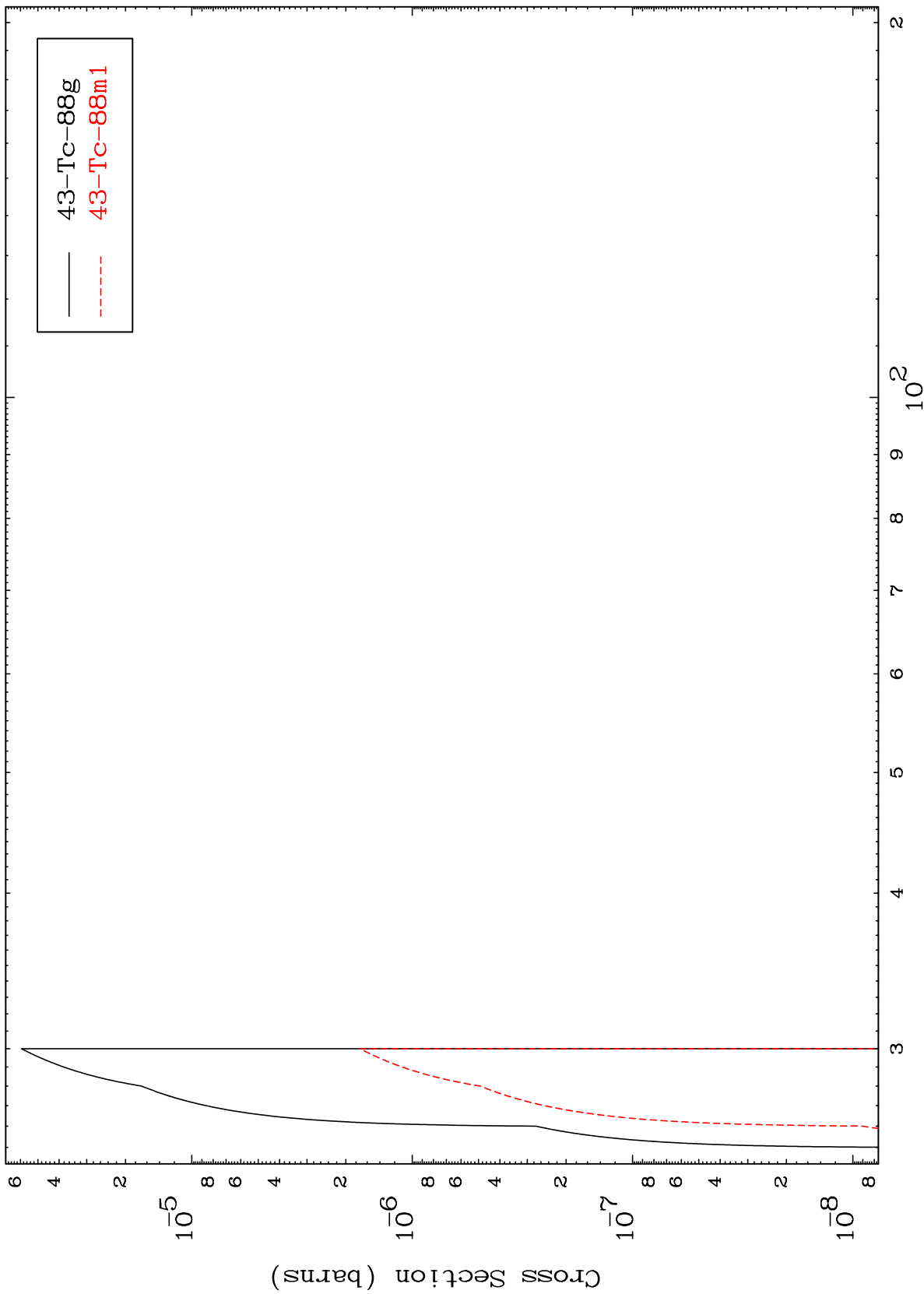
(n,2n)  
Radionuclide Production Cross Section



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42-Mo-89

(n,3n)  
Radionuclide Production Cross Section



43-Tc-88g  
43-Tc-88m1

42-Mo-89

Incident Energy (MeV)

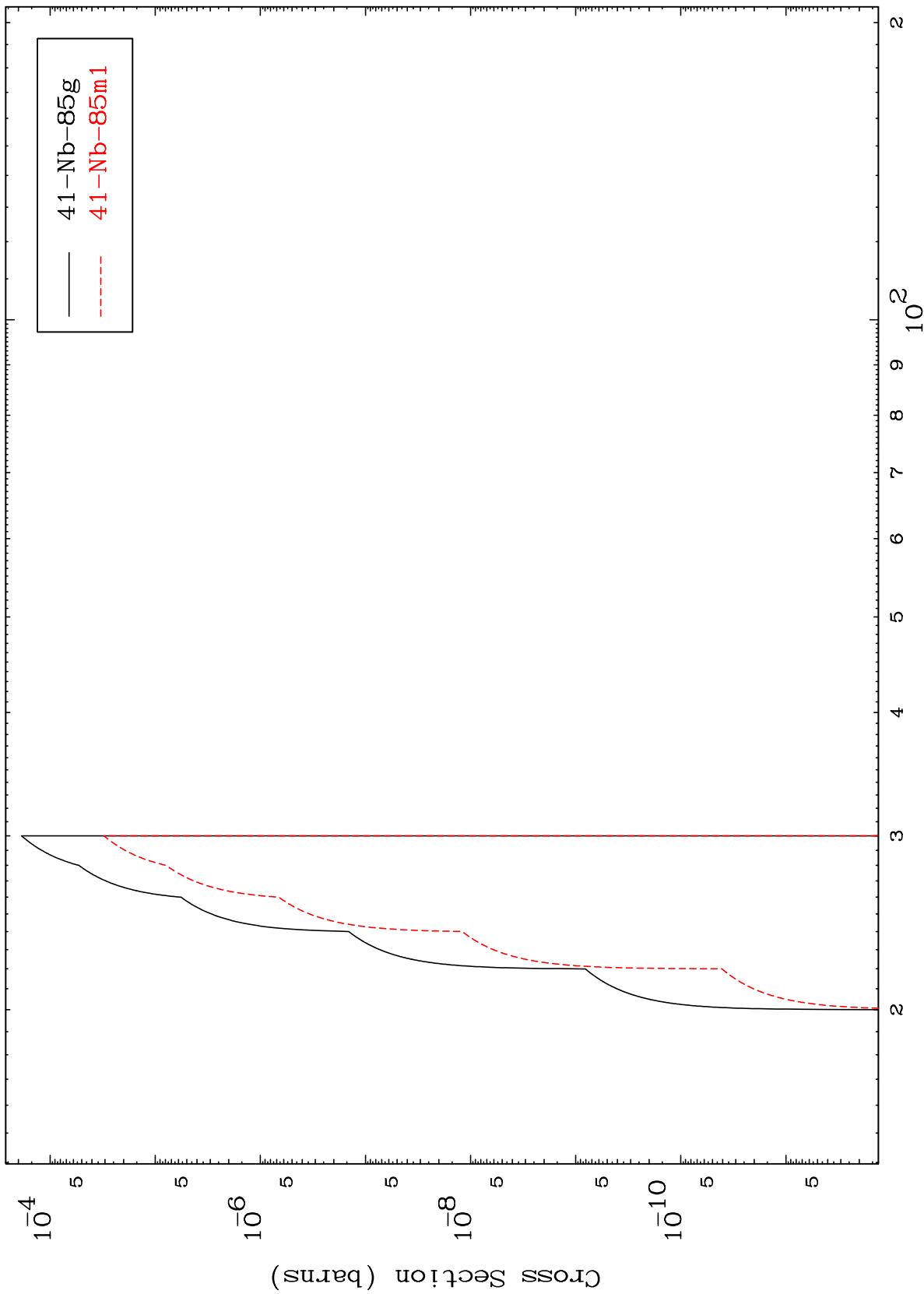
14

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(n,2n)  $\alpha$

42-Mo-89

Radionuclide Production Cross Section



15

Incident Energy (MeV)

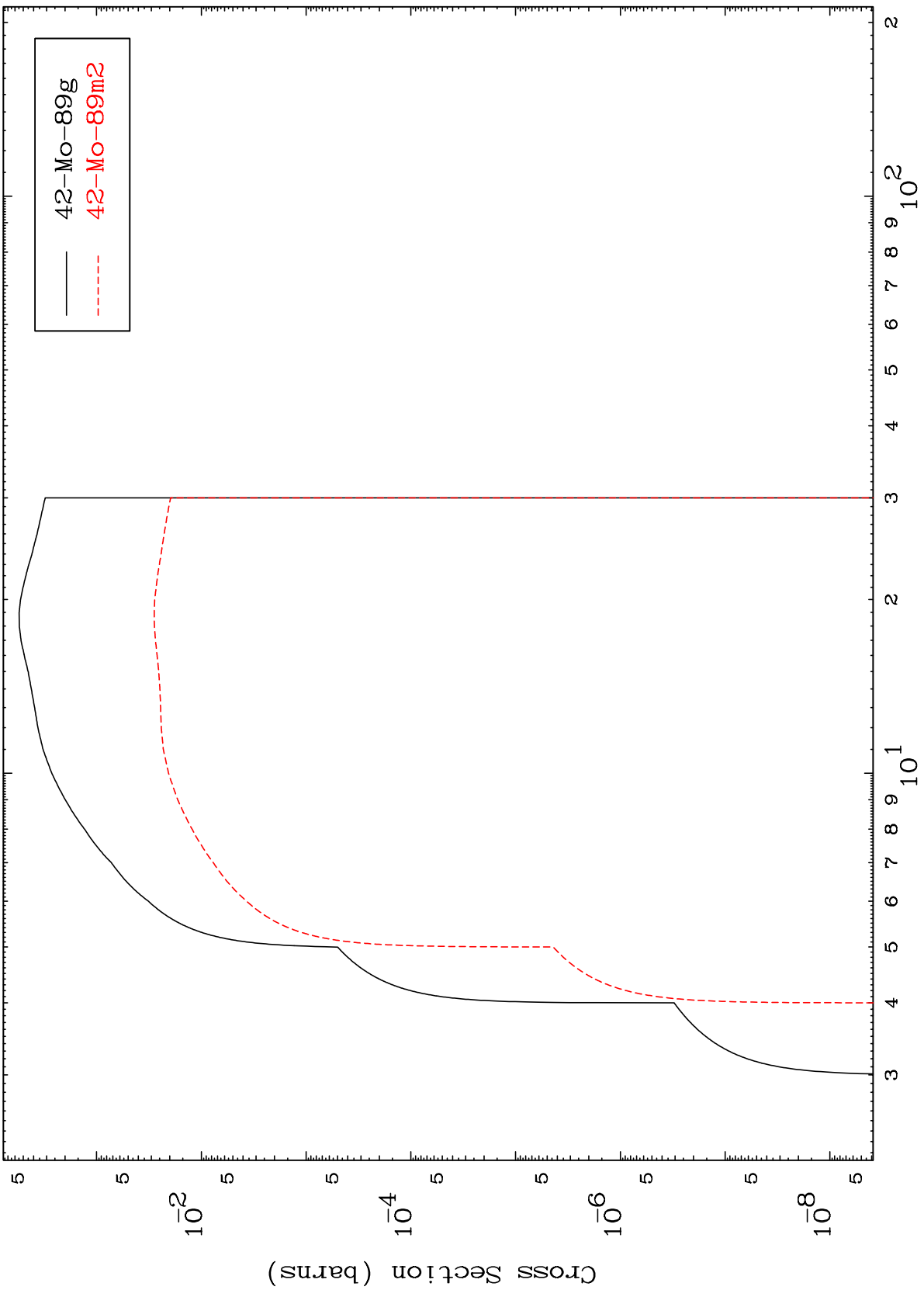
42-Mo-89



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42-Mo-89

(n,n') p  
Radionuclide Production Cross Section

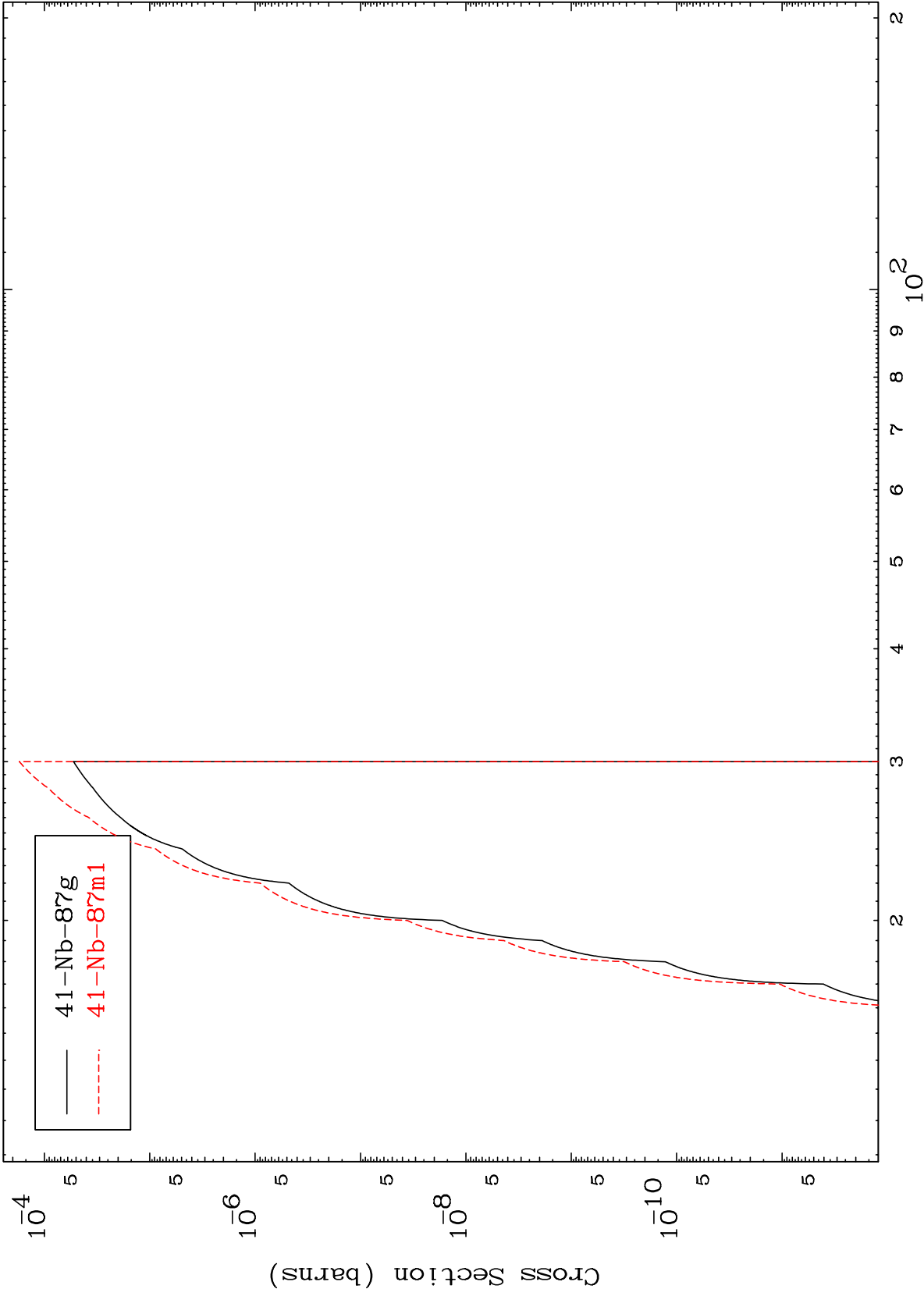


16

Incident Energy (MeV)

42-Mo-89

Radionuclide Production Cross Section

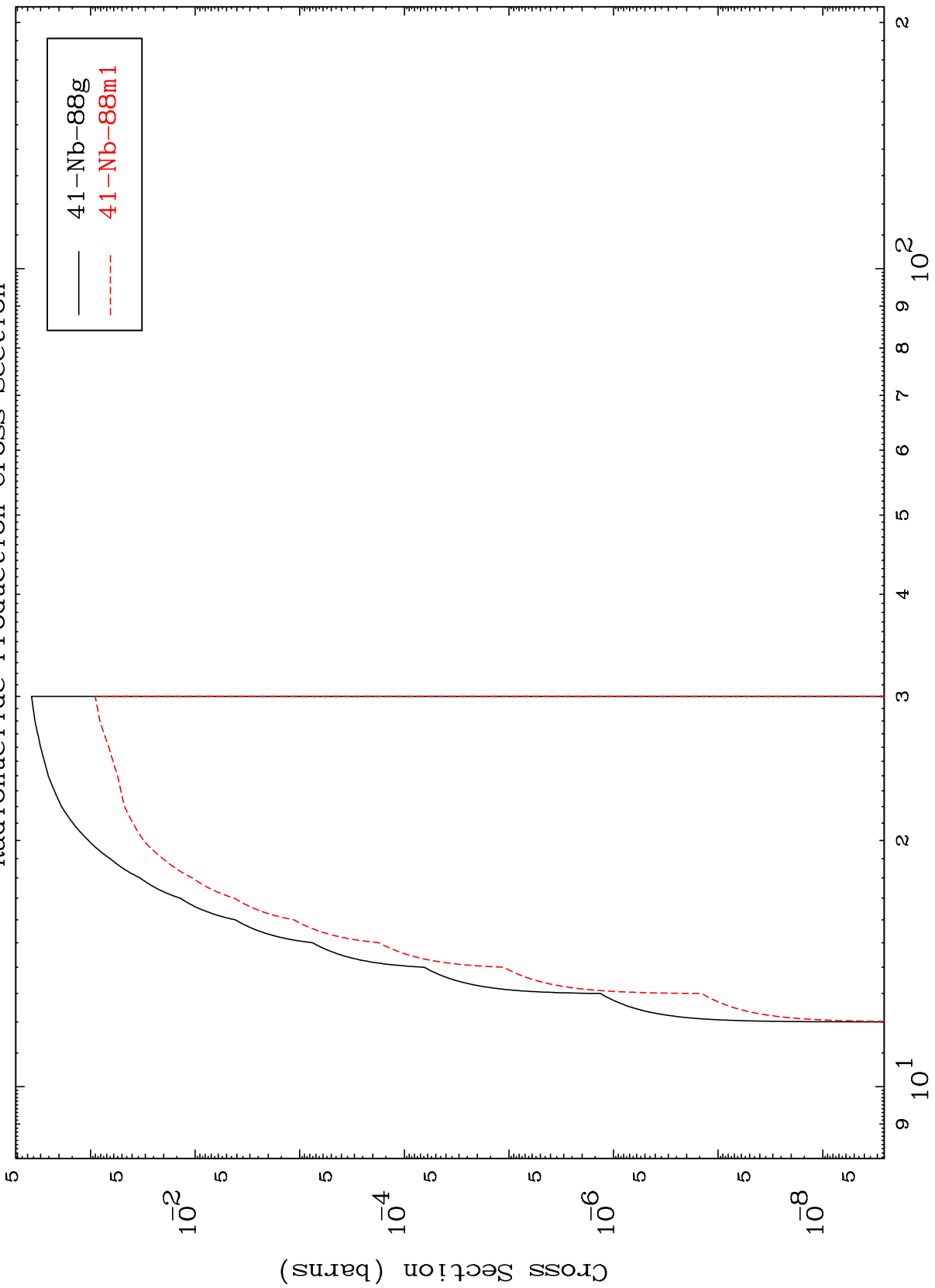


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(n,2n) p

42-Mo-89

Radionuclide Production Cross Section



18

Incident Energy (MeV)

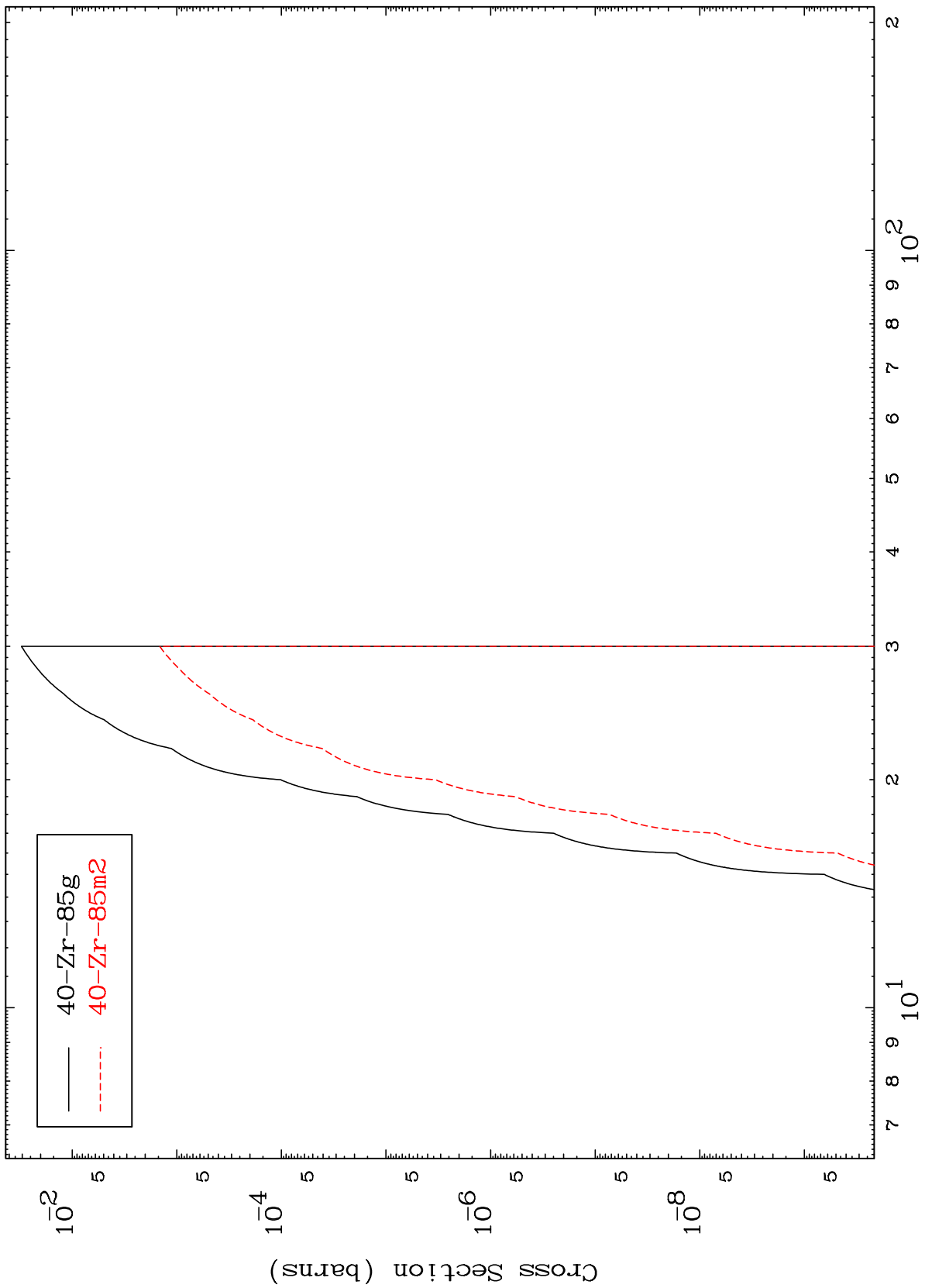
42-Mo-89

MAT 4216

(n,n') p  $\alpha$

42-Mo-89

Radionuclide Production Cross Section



19

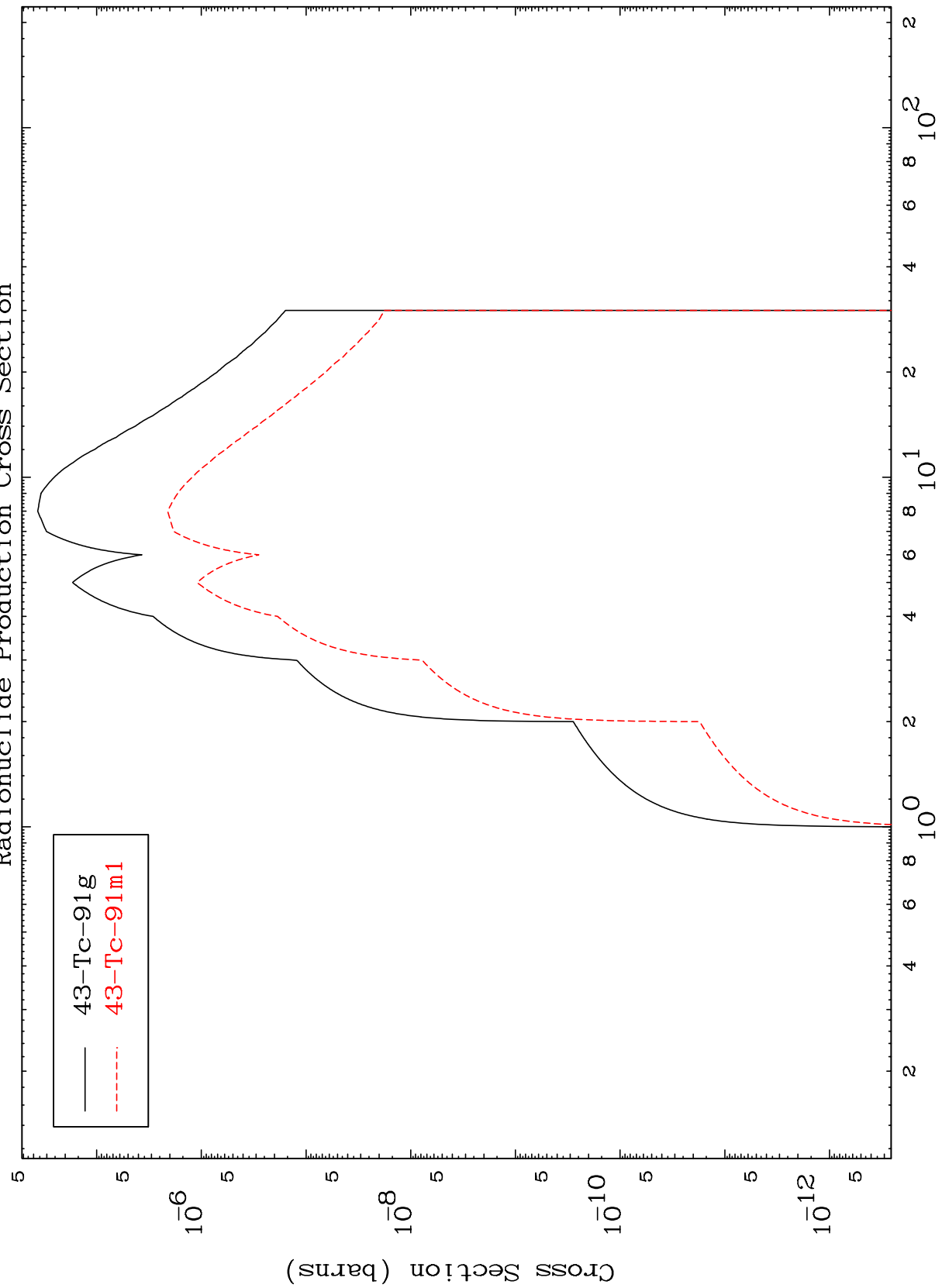
Incident Energy (MeV)

42-Mo-89

MAT 4216

42-Mo-89

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



— 43-Tc-91g  
- - - 43-Tc-91m1

20

Incident Energy (MeV)

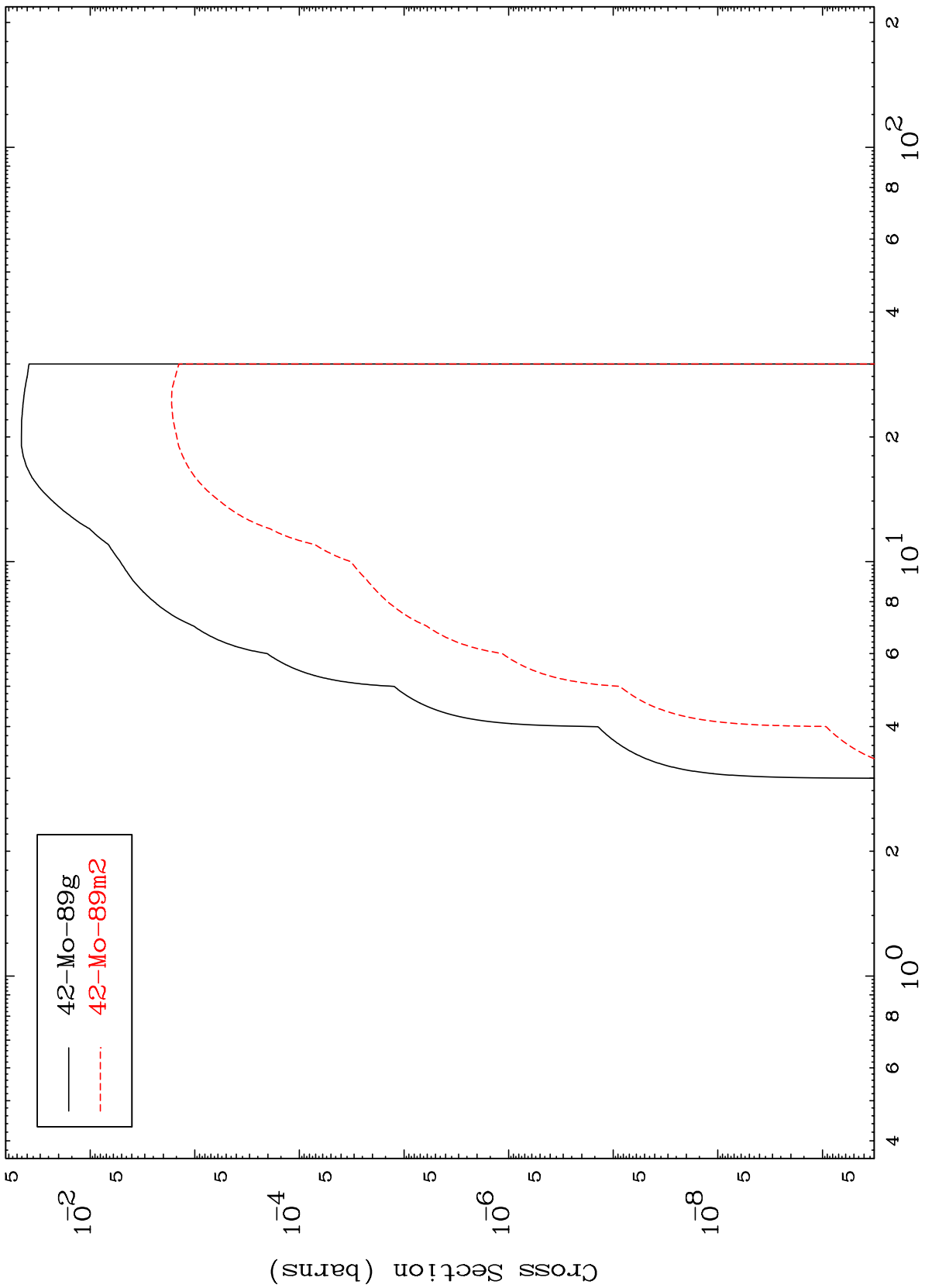
42-Mo-89

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(n,d)

42-Mo-89

Radionuclide Production Cross Section

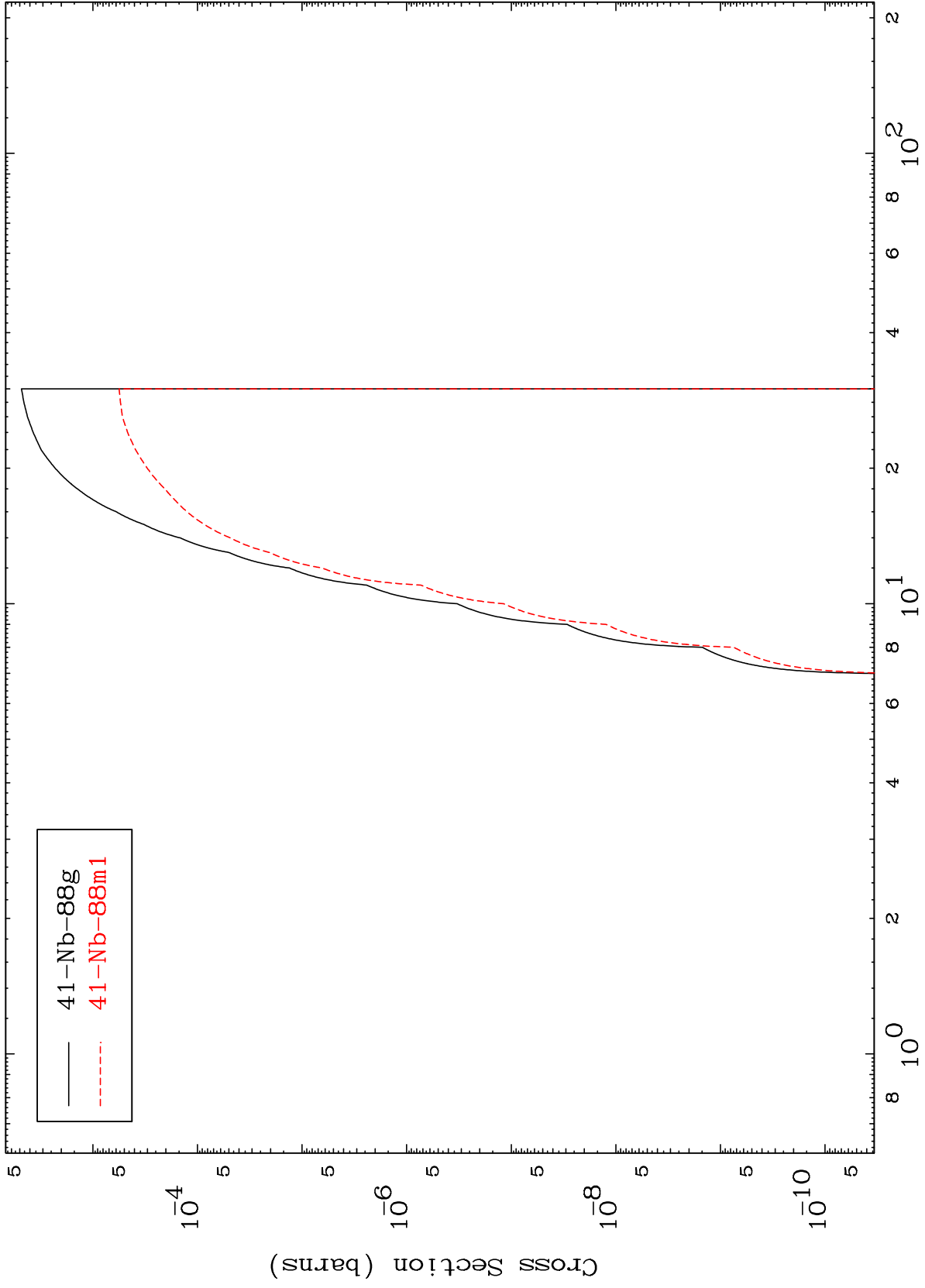


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(n,He-3)

42-Mo-89

Radionuclide Production Cross Section



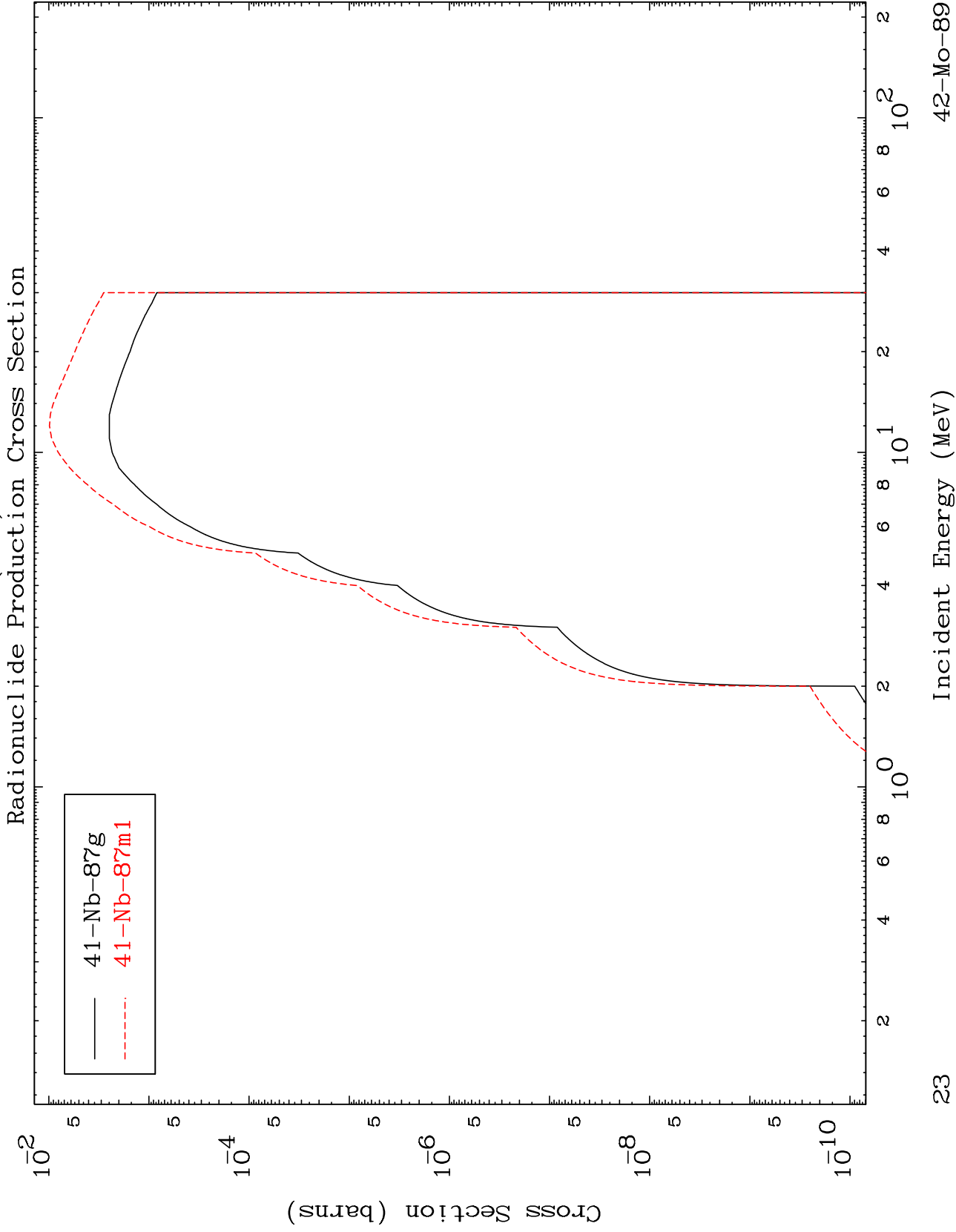
22

Incident Energy (MeV)

42-Mo-89

MAT 4216

42-Mo-89



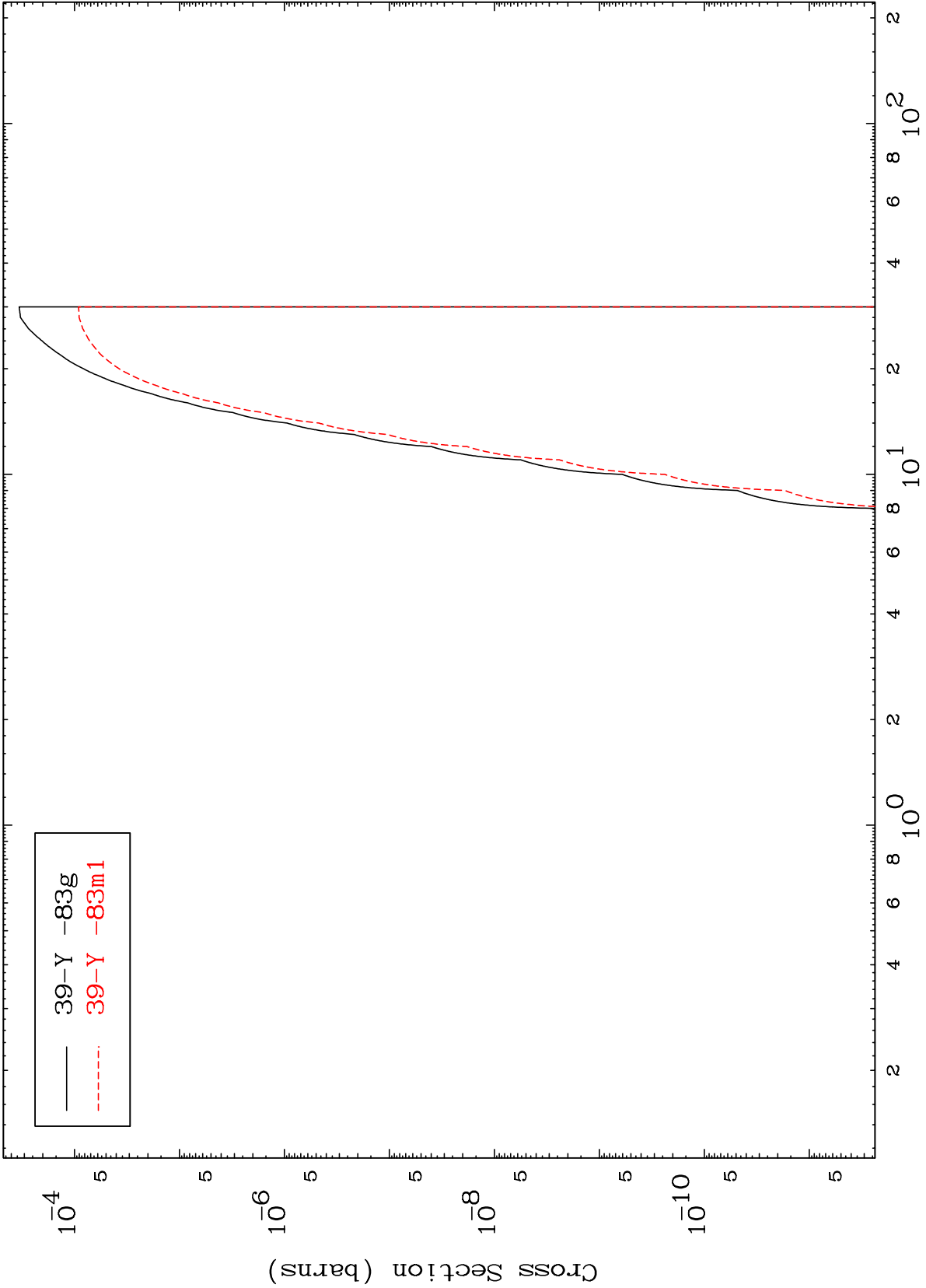


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(n,2α)

42-Mo-89

Radionuclide Production Cross Section



— 39-Y -83g  
- - - 39-Y -83m1

24

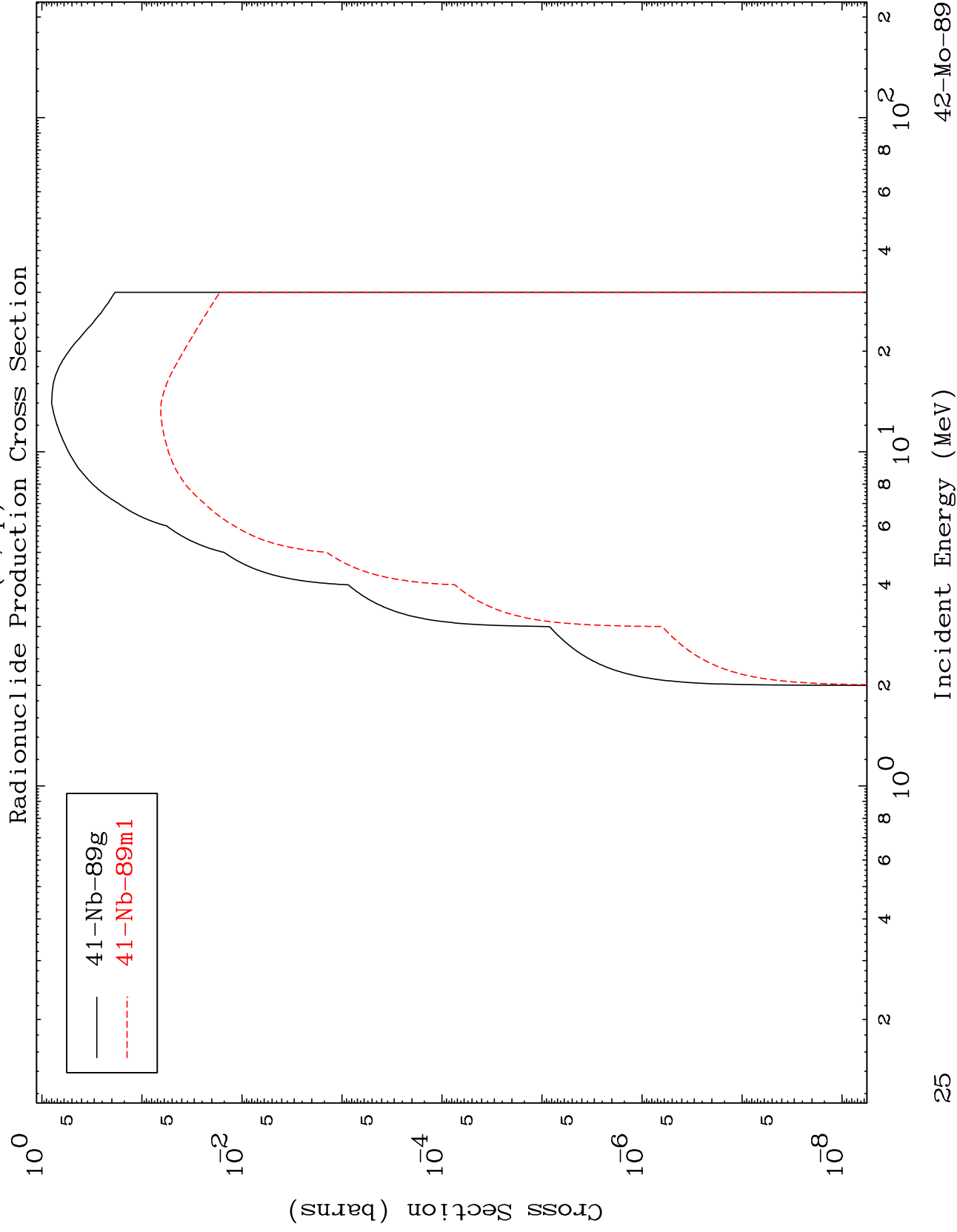
Incident Energy (MeV)

42-Mo-89

MAT 4216

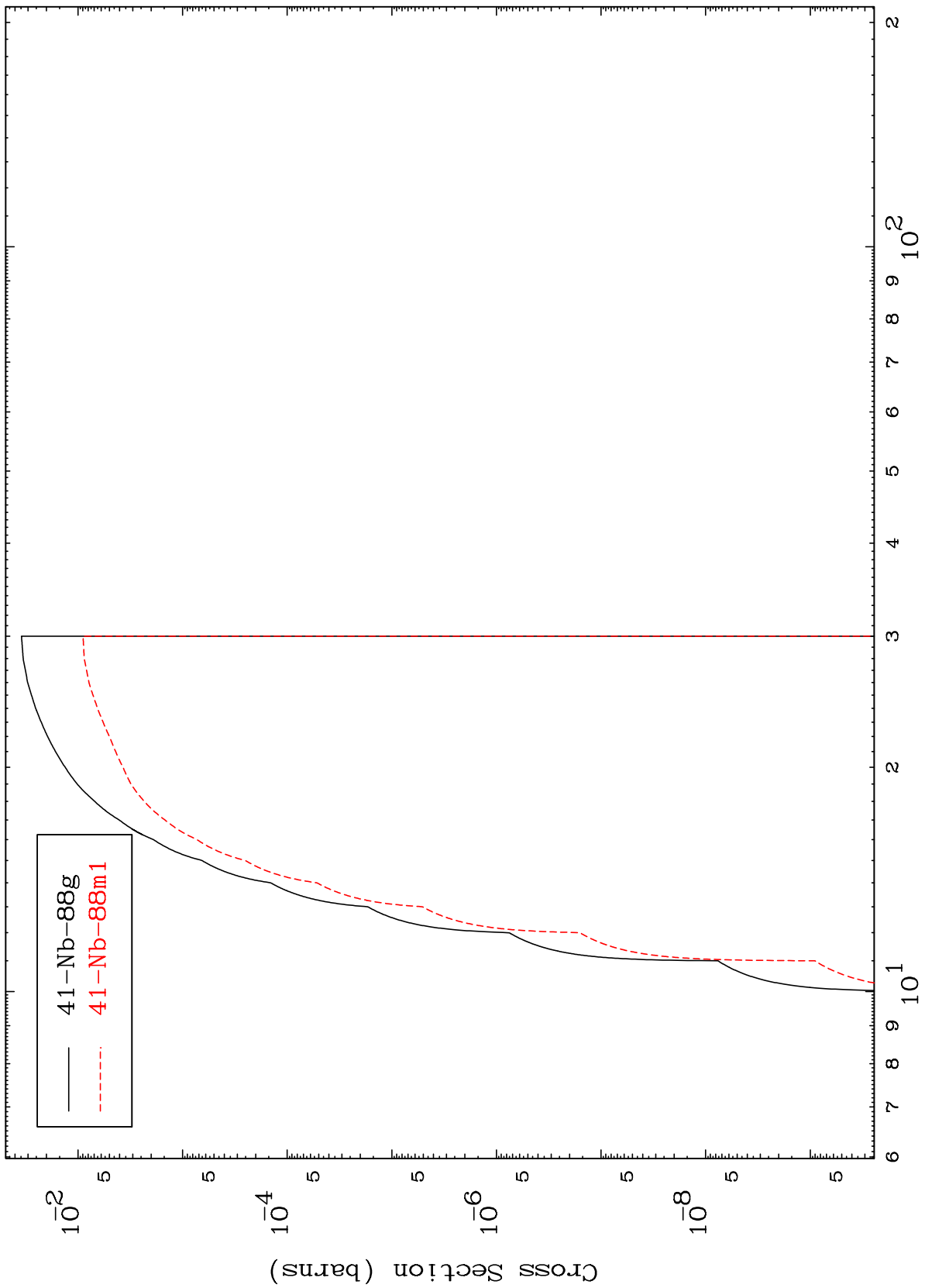
(n,2p)

42-Mo-89

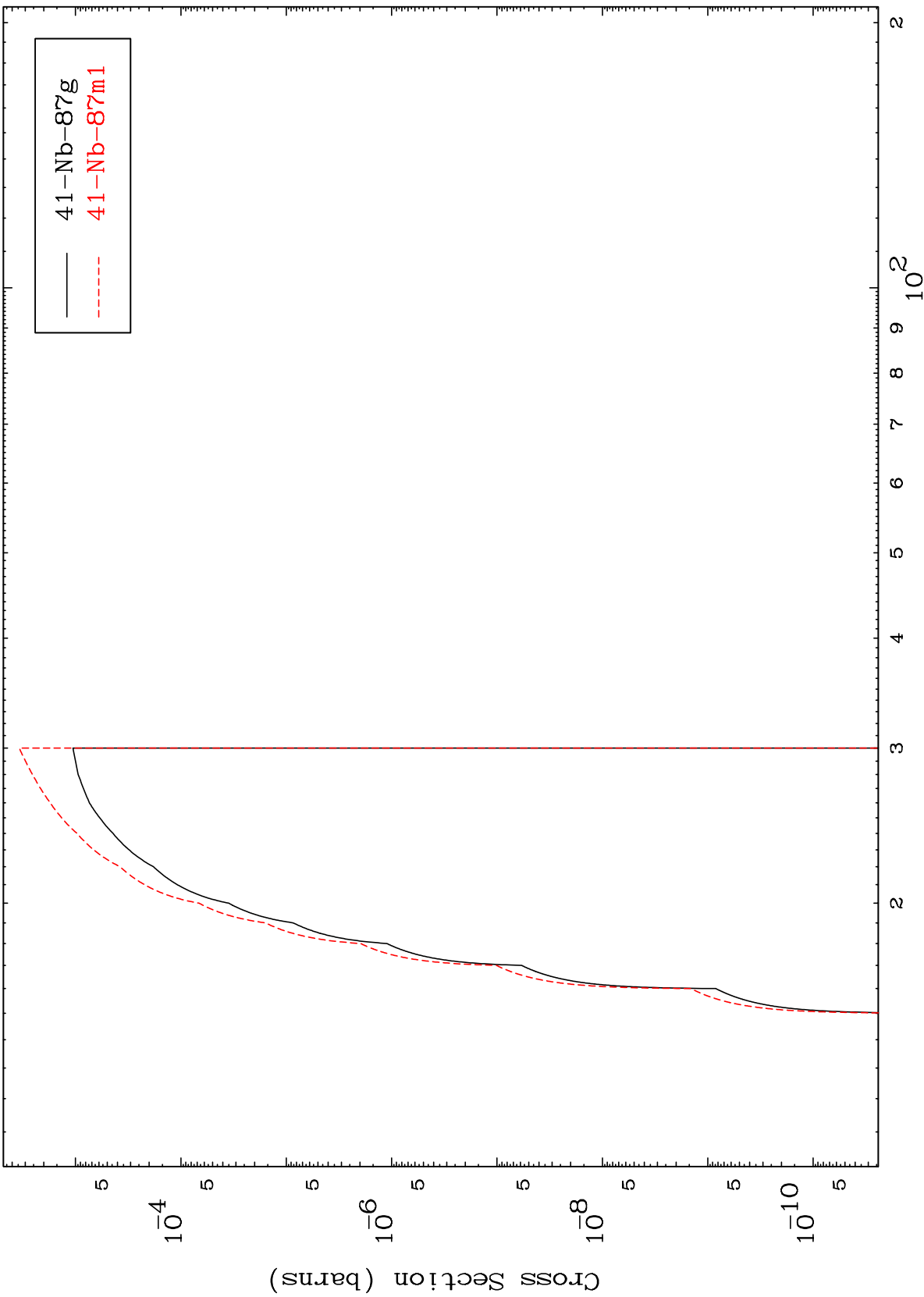


25

Radionuclide Production Cross Section



Radionuclide Production Cross Section

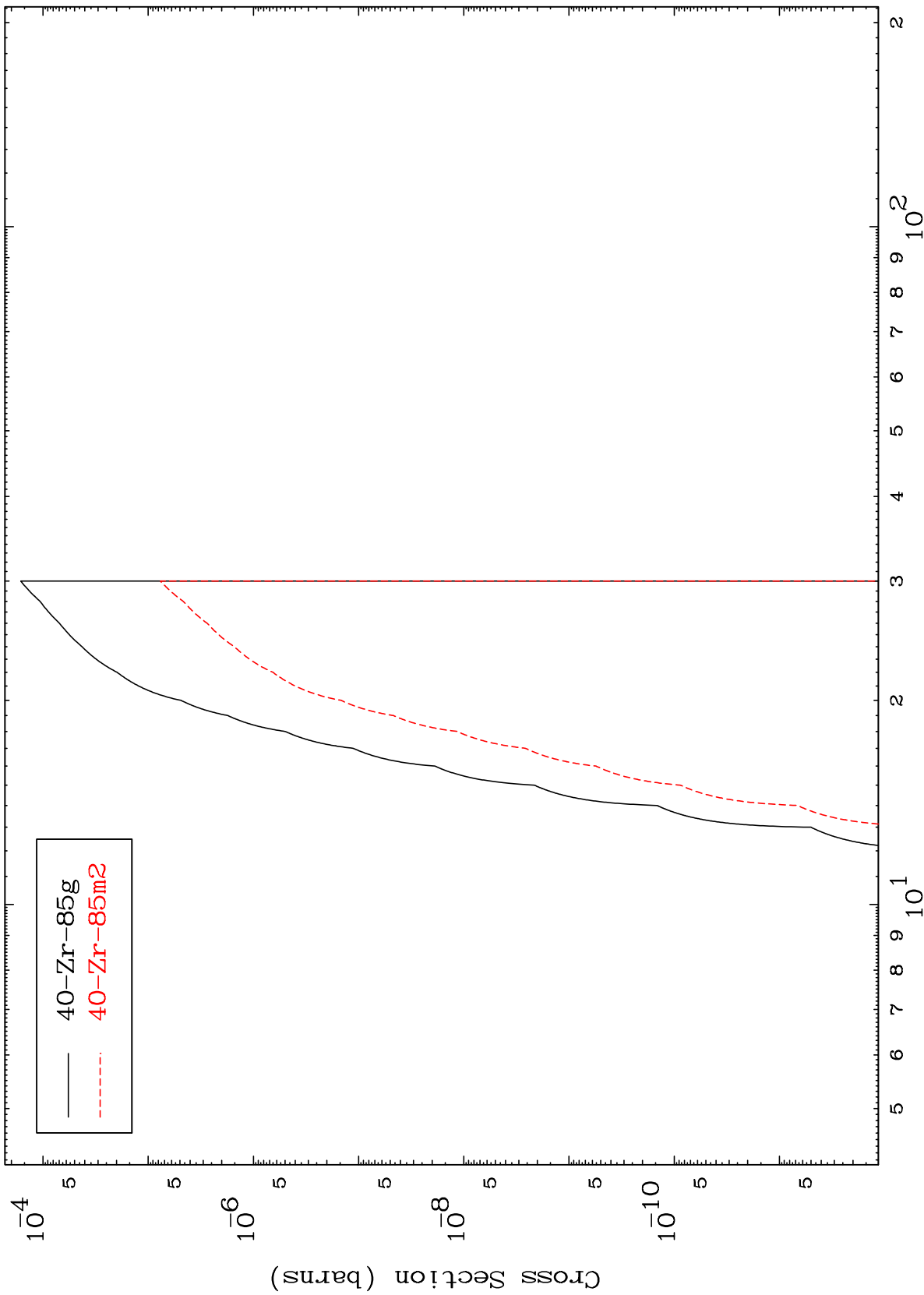


MAT 4216

(n,d)  $\alpha$

42-Mo-89

Radionuclide Production Cross Section



28

Incident Energy (MeV)

42-Mo-89