

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

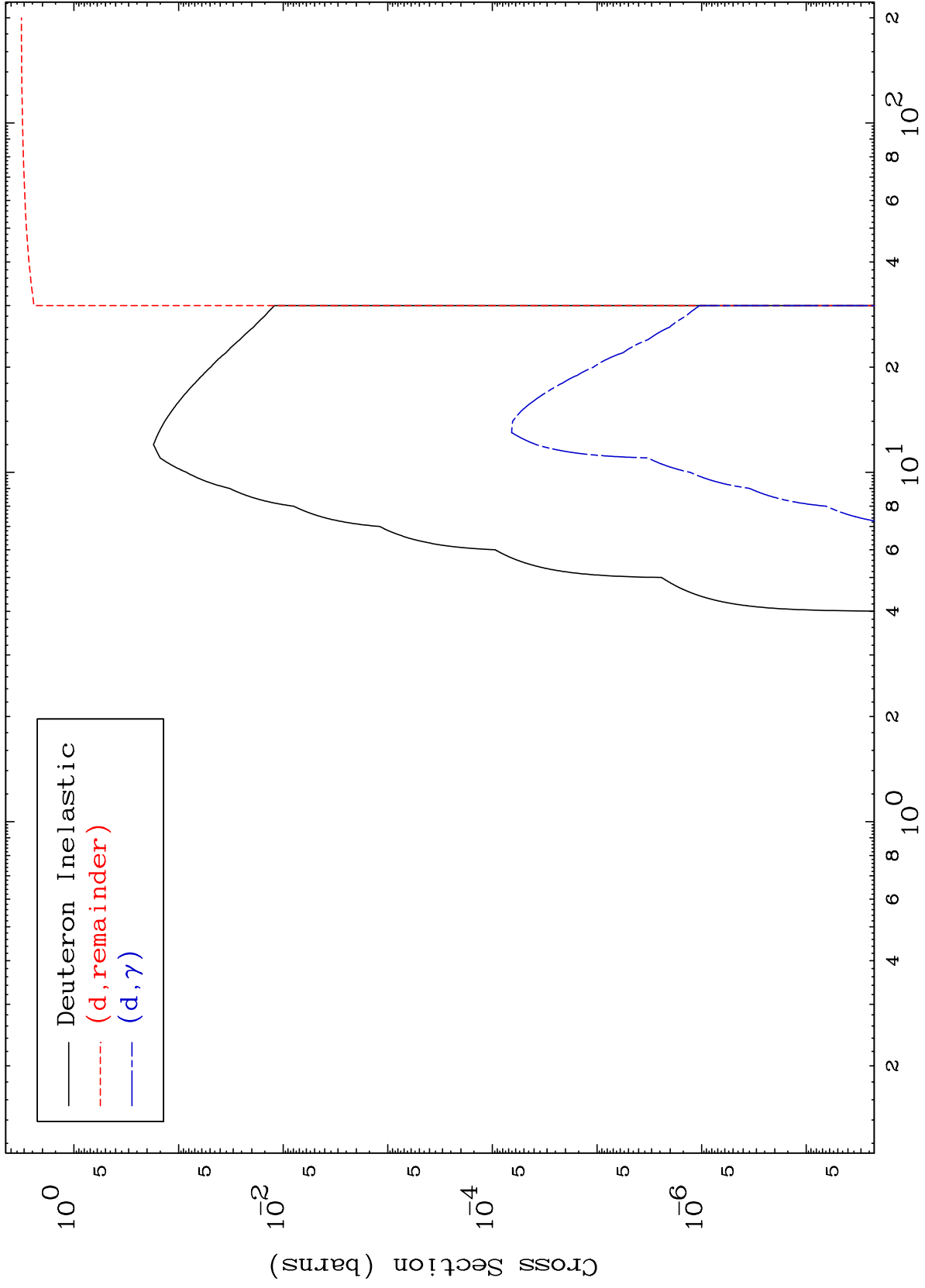
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1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

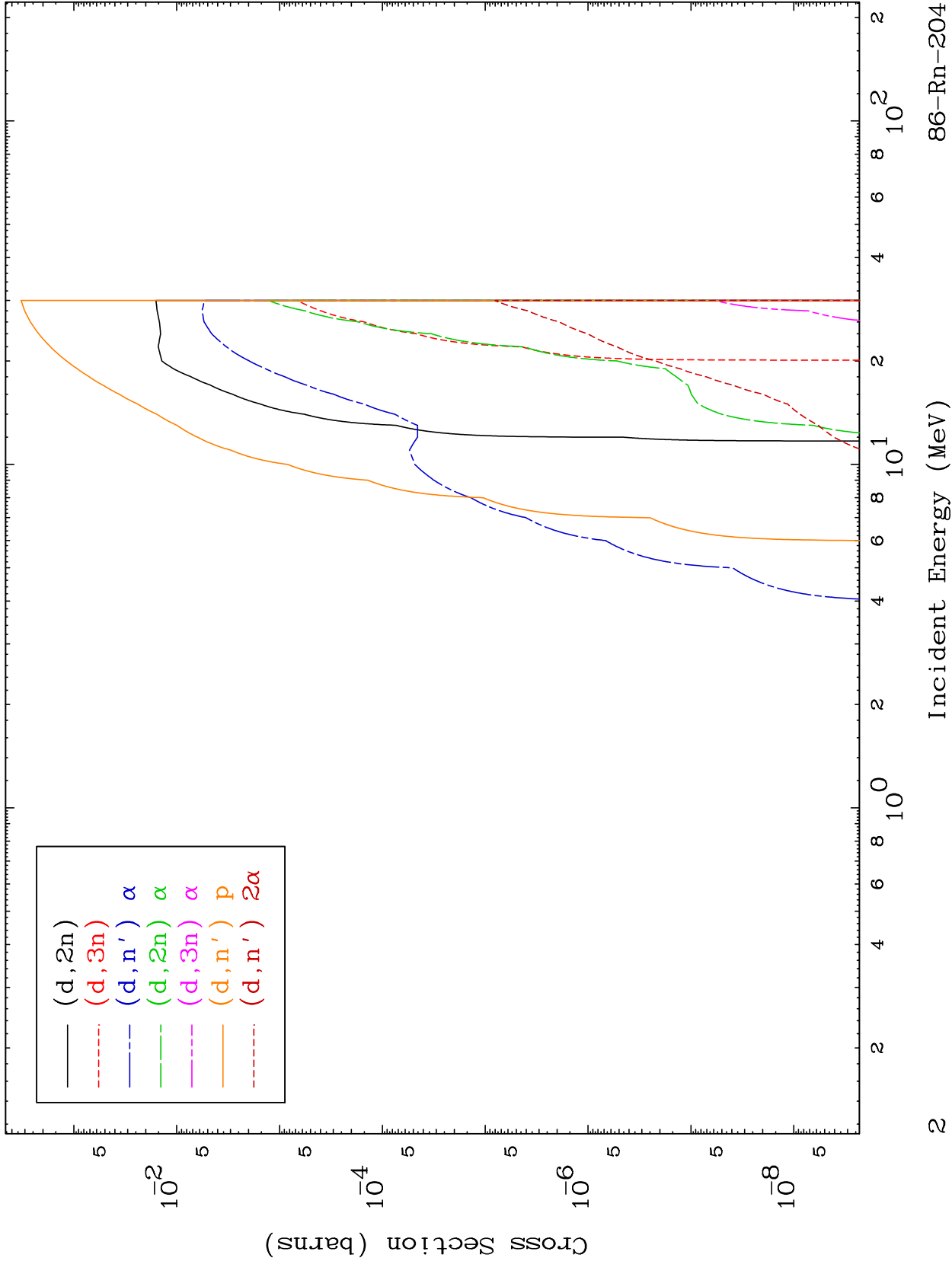
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

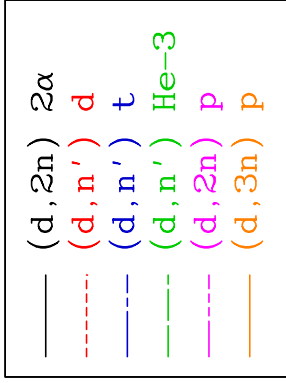
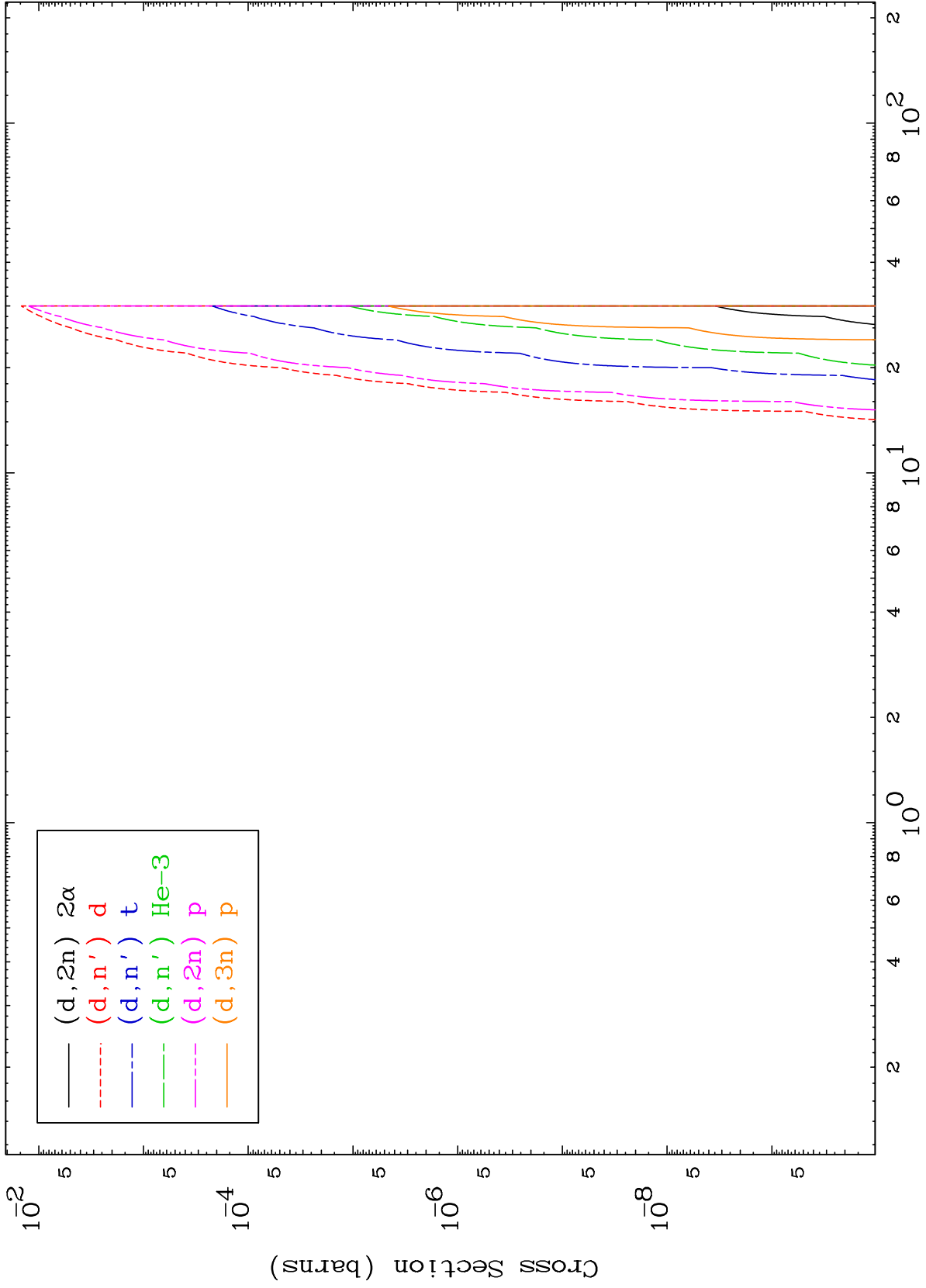




MAT 8604

Deuteron Neutron Production  
0 Kelvin Cross Sections

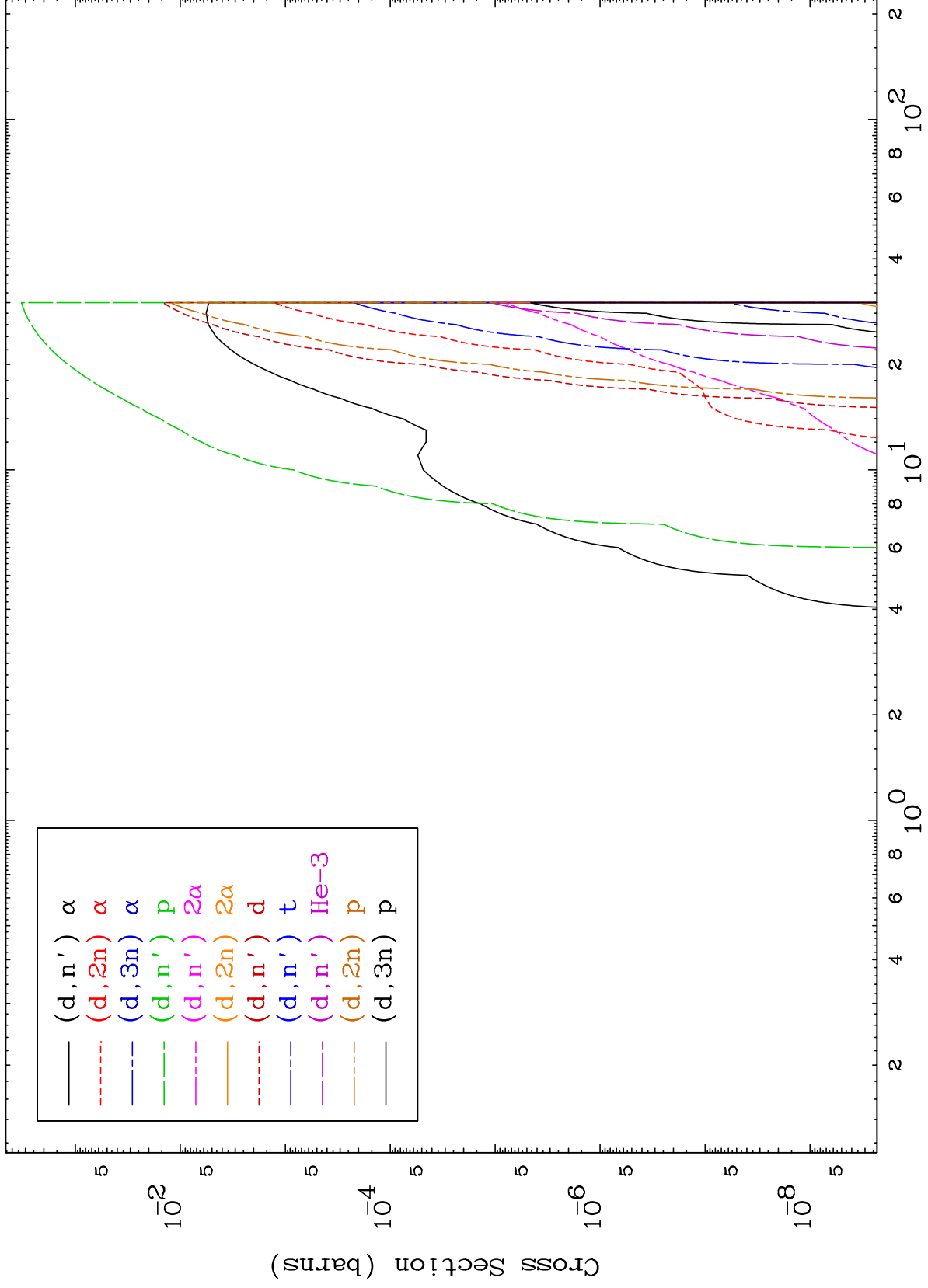
86-Rn-204

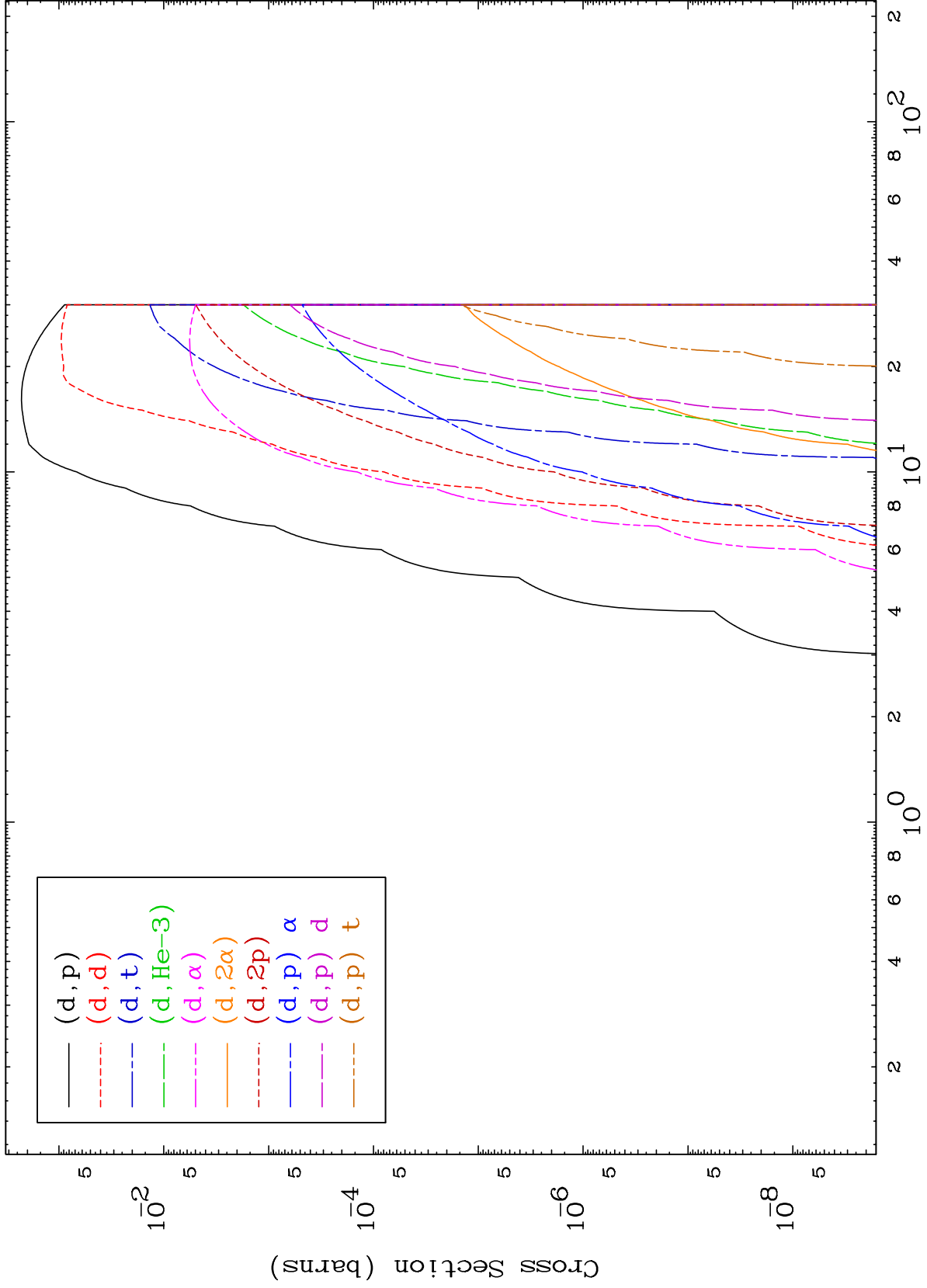


MAT 8604

Deuteron Charged Particle  
0 Kelvin Cross Sections

86-Rn-204

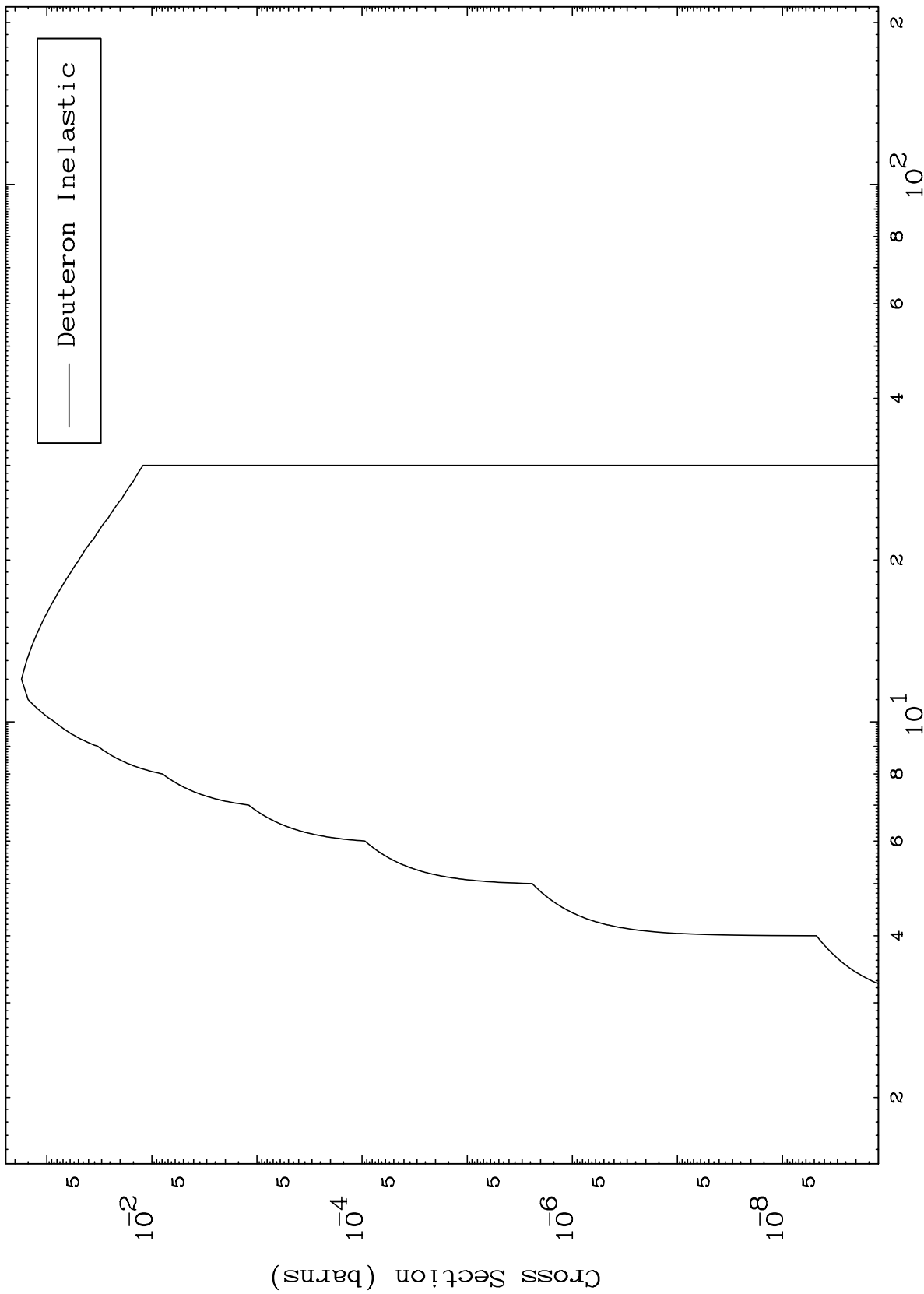




MAT 8604

86-Rn-204

(d,n') Level  
0 Kelvin Cross Sections



— Deuteron Inelastic

86-Rn-204

Incident Energy (MeV)

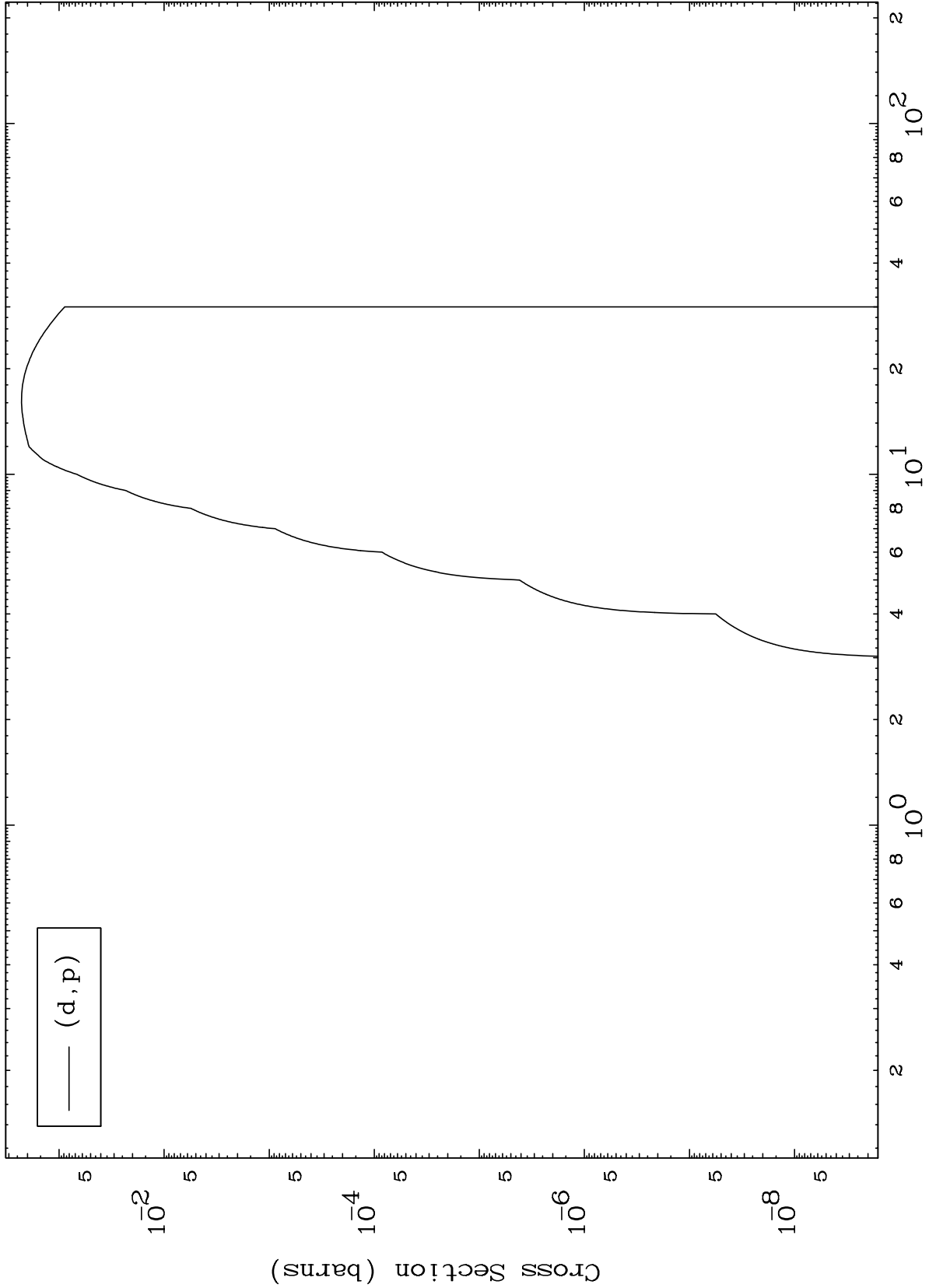
6

MAT 8604

(d,p) Levels

86-Rn-204

0 Kelvin Cross Sections

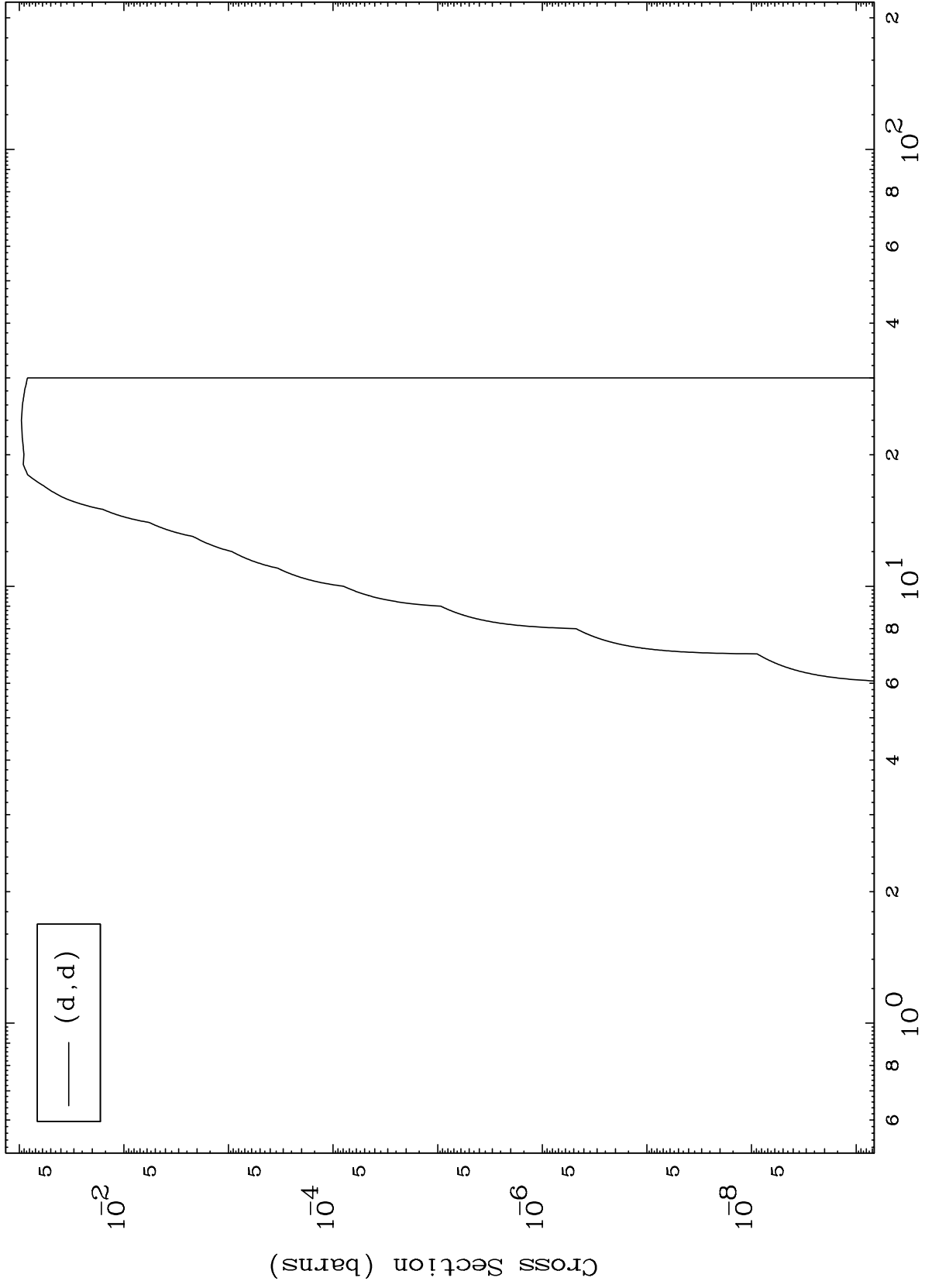




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(d,d) Levels  
0 Kelvin Cross Sections

86-Rn-204



8

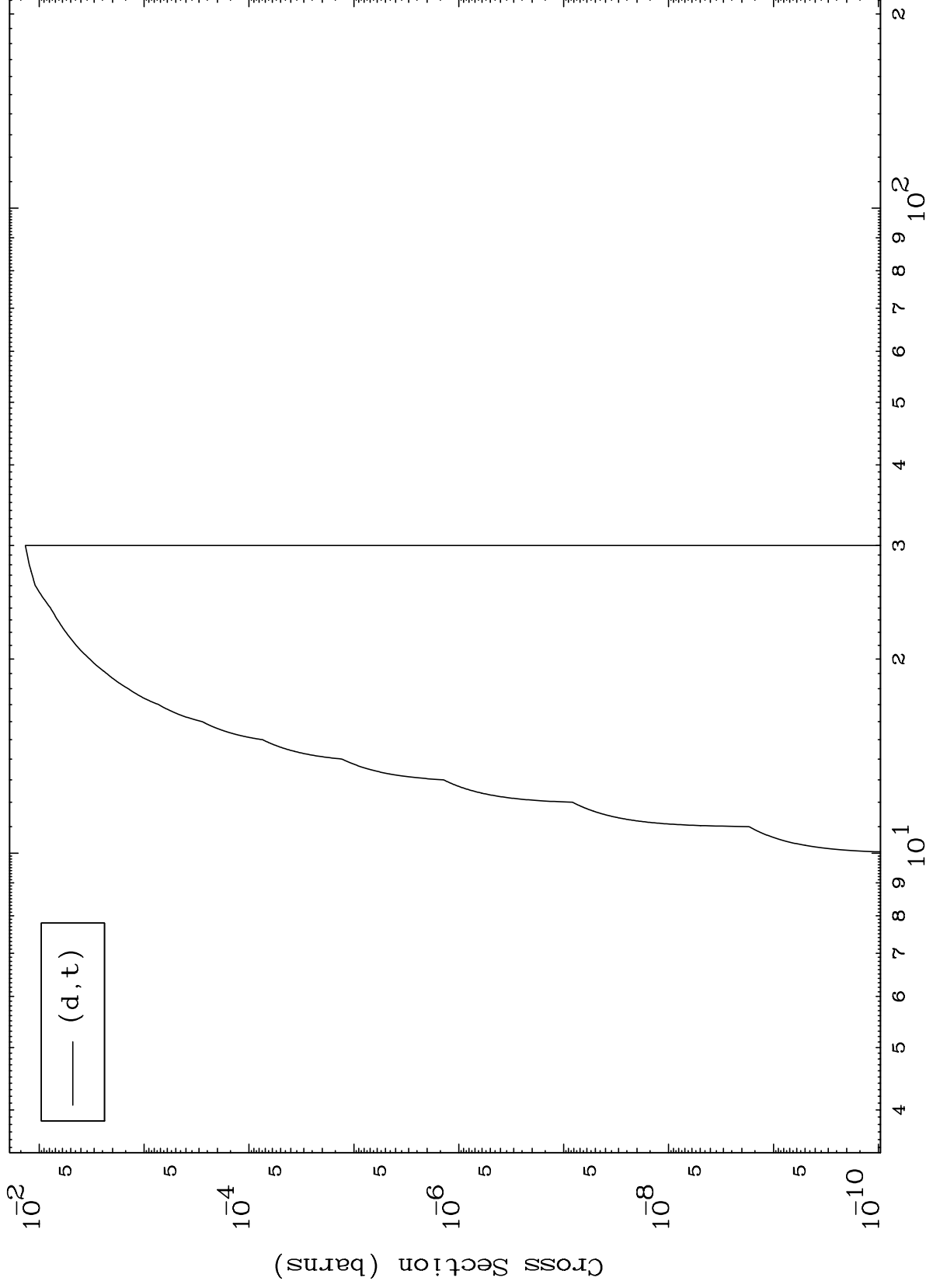
Incident Energy (MeV)

86-Rn-204

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(d,t) Levels  
0 Kelvin Cross Sections

86-Rn-204



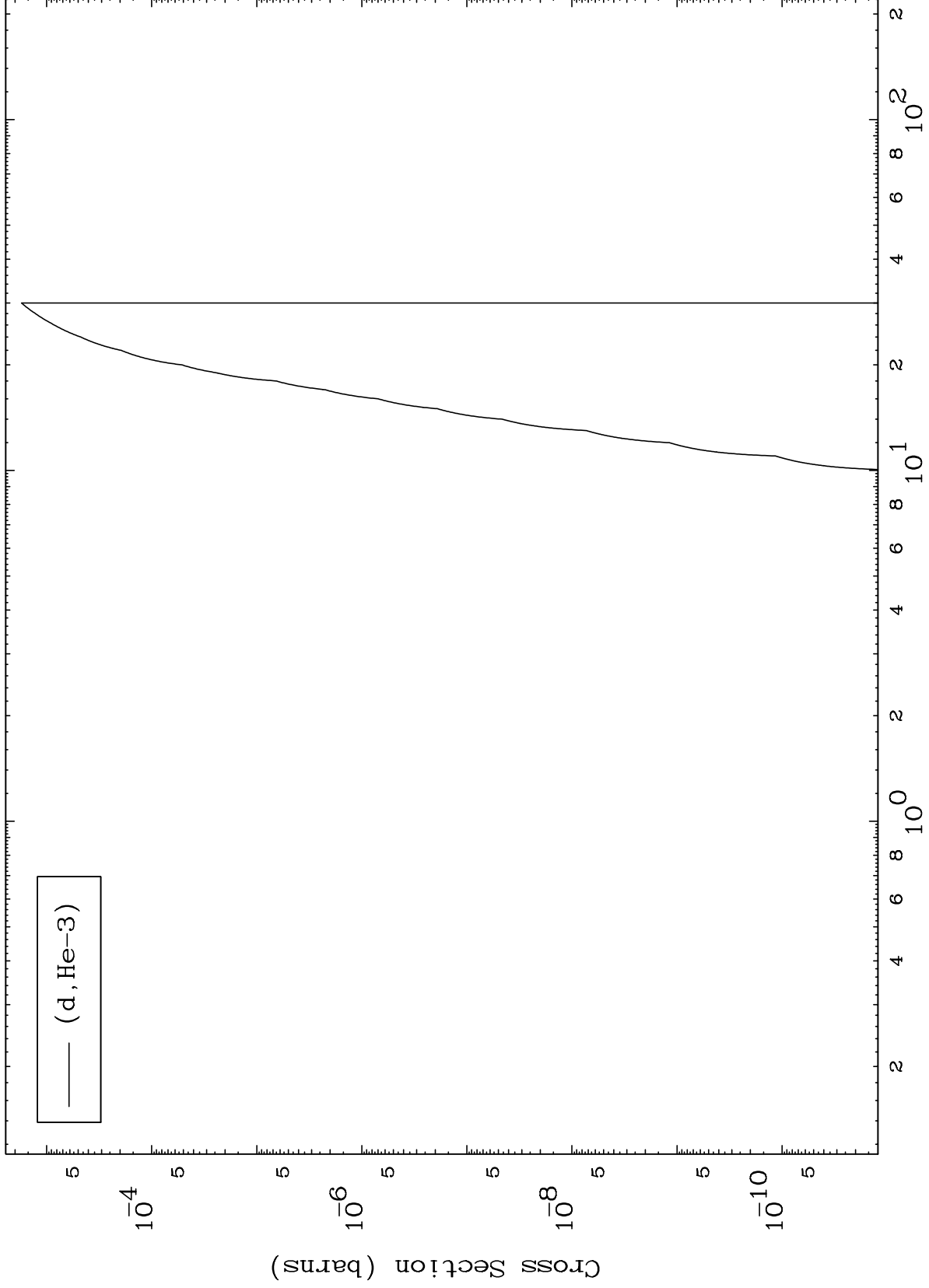
(d,t)

MAT 8604

(d,He3) Levels

86-Rn-204

0 Kelvin Cross Sections



10

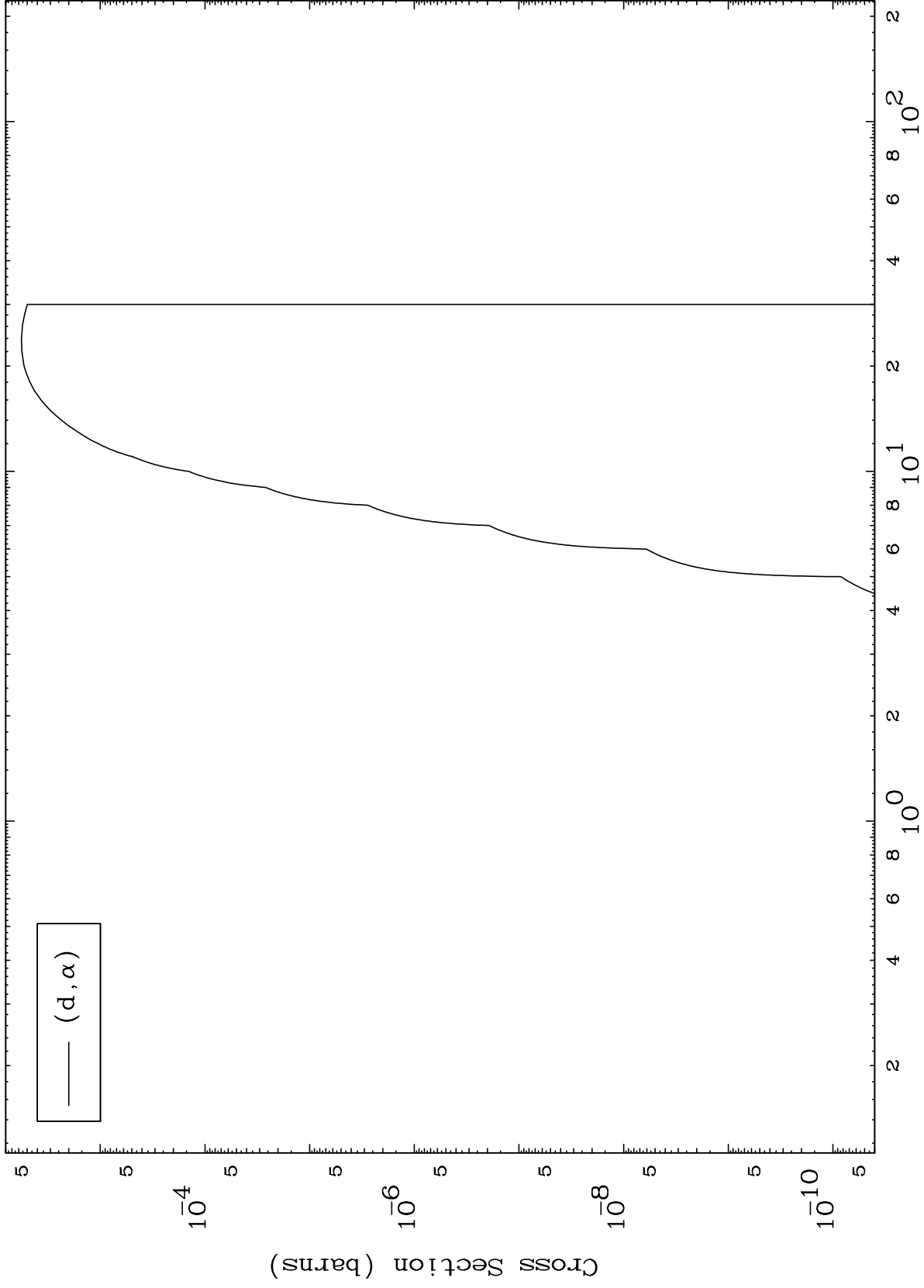
Incident Energy (MeV)

86-Rn-204

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(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

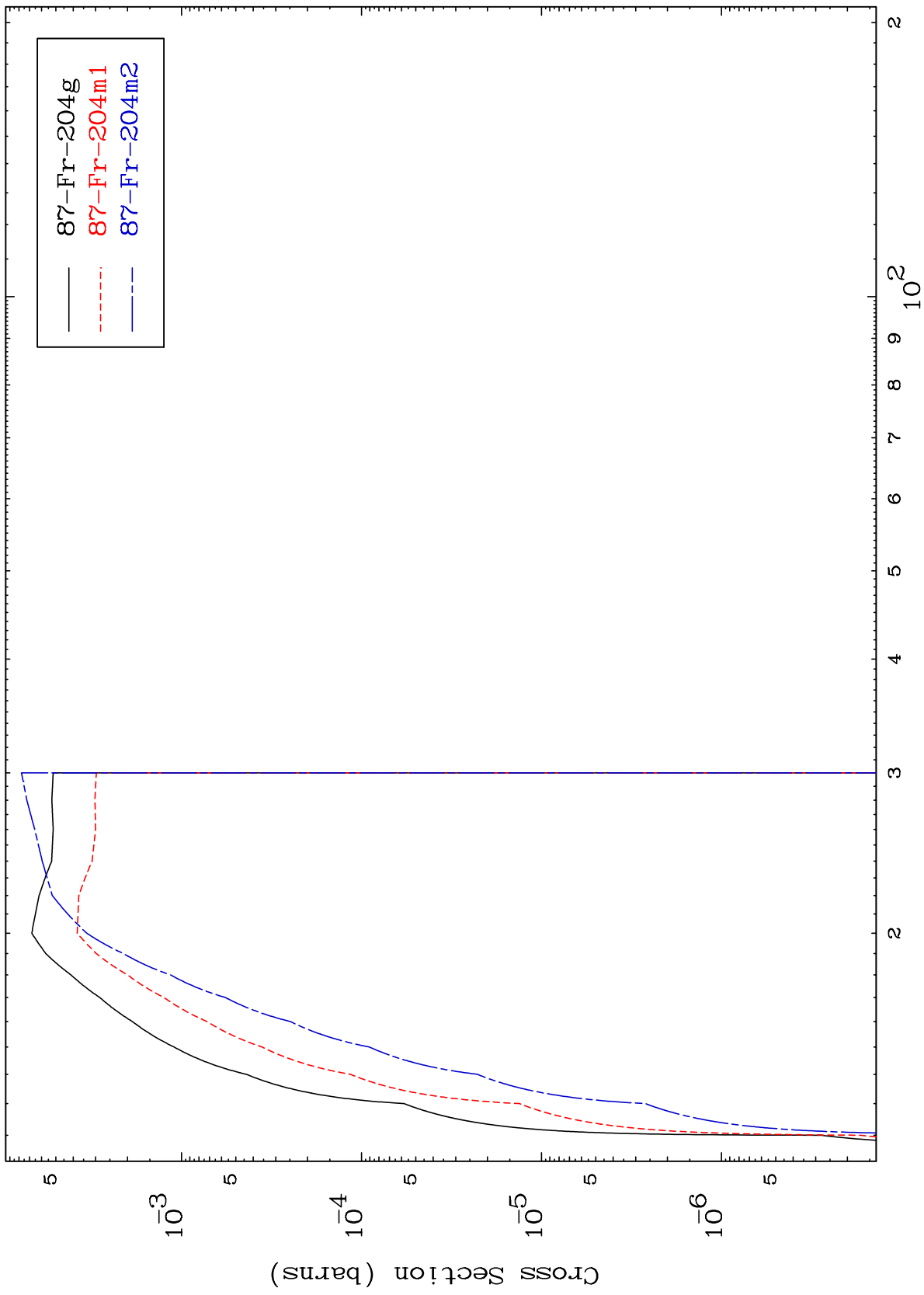
86-Rn-204



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86-Rn-204

(d,2n)  
Radionuclide Production Cross Section



12

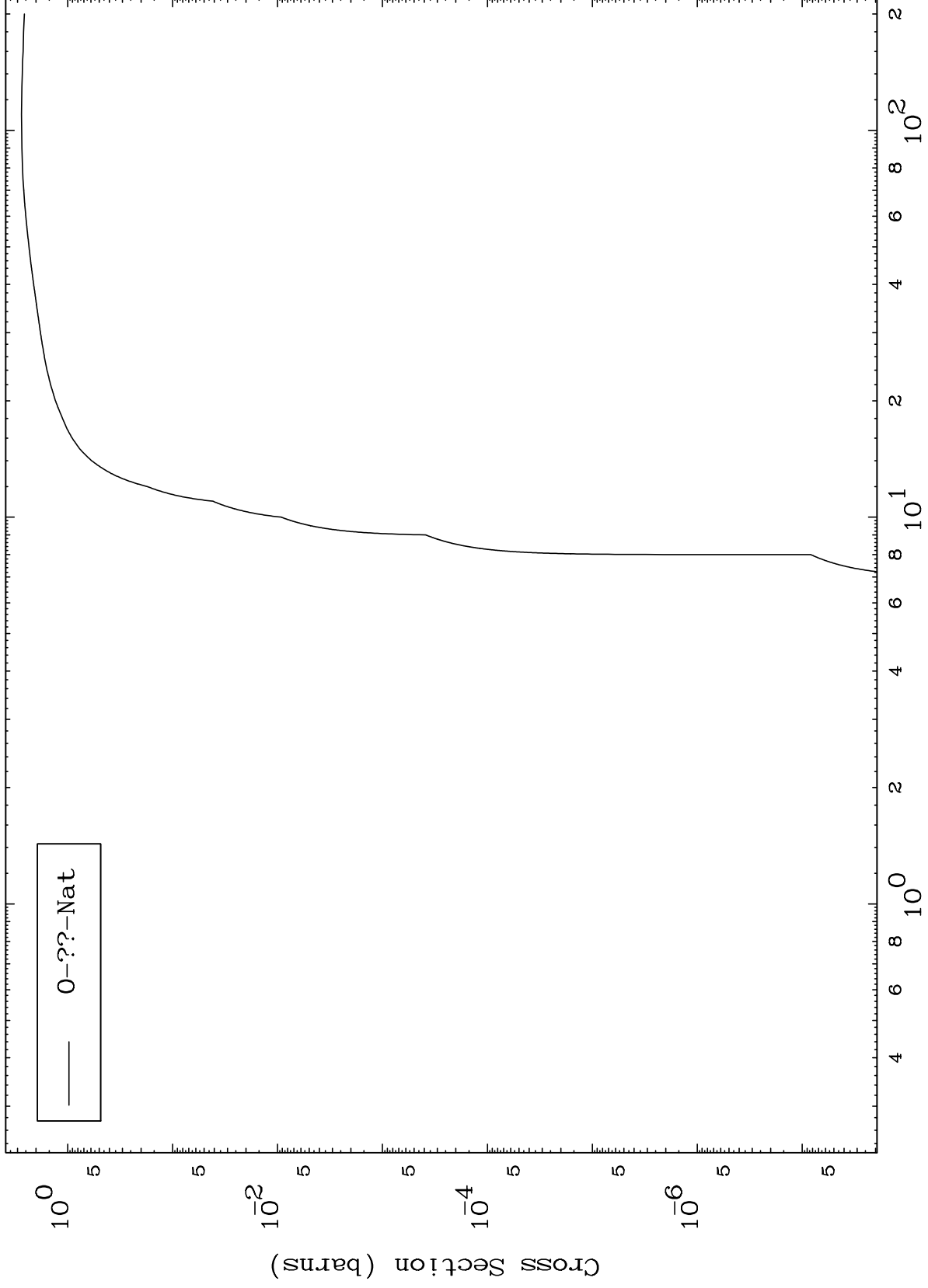
Incident Energy (MeV)

86-Rn-204

MAT 8604

Deuteron Fission  
Radionuclide Production Cross Section

86-Rn-204



13

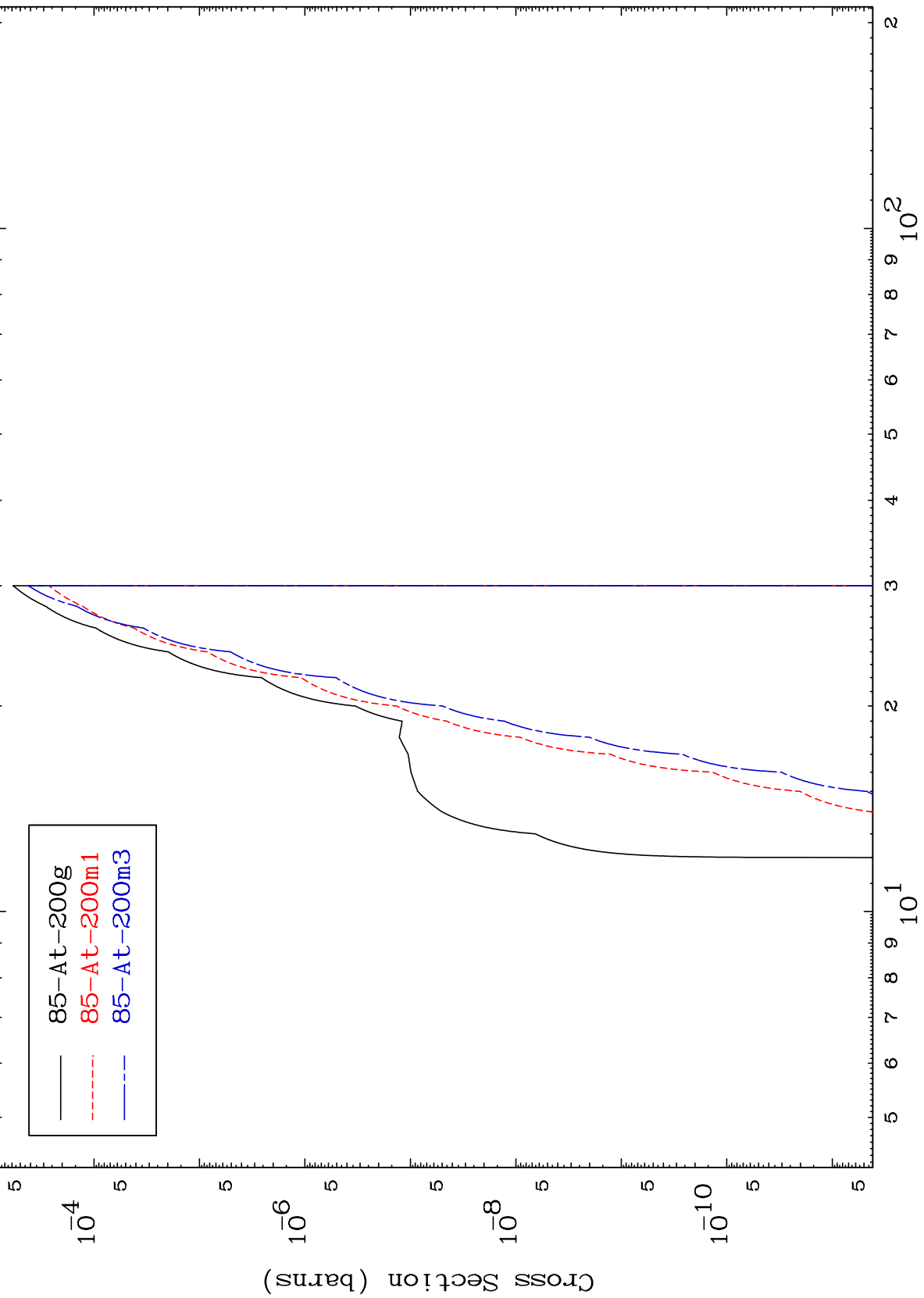
86-Rn-204

MAT 8604

(d,2n)  $\alpha$

86-Rn-204

Radionuclide Production Cross Section



14

Incident Energy (MeV)

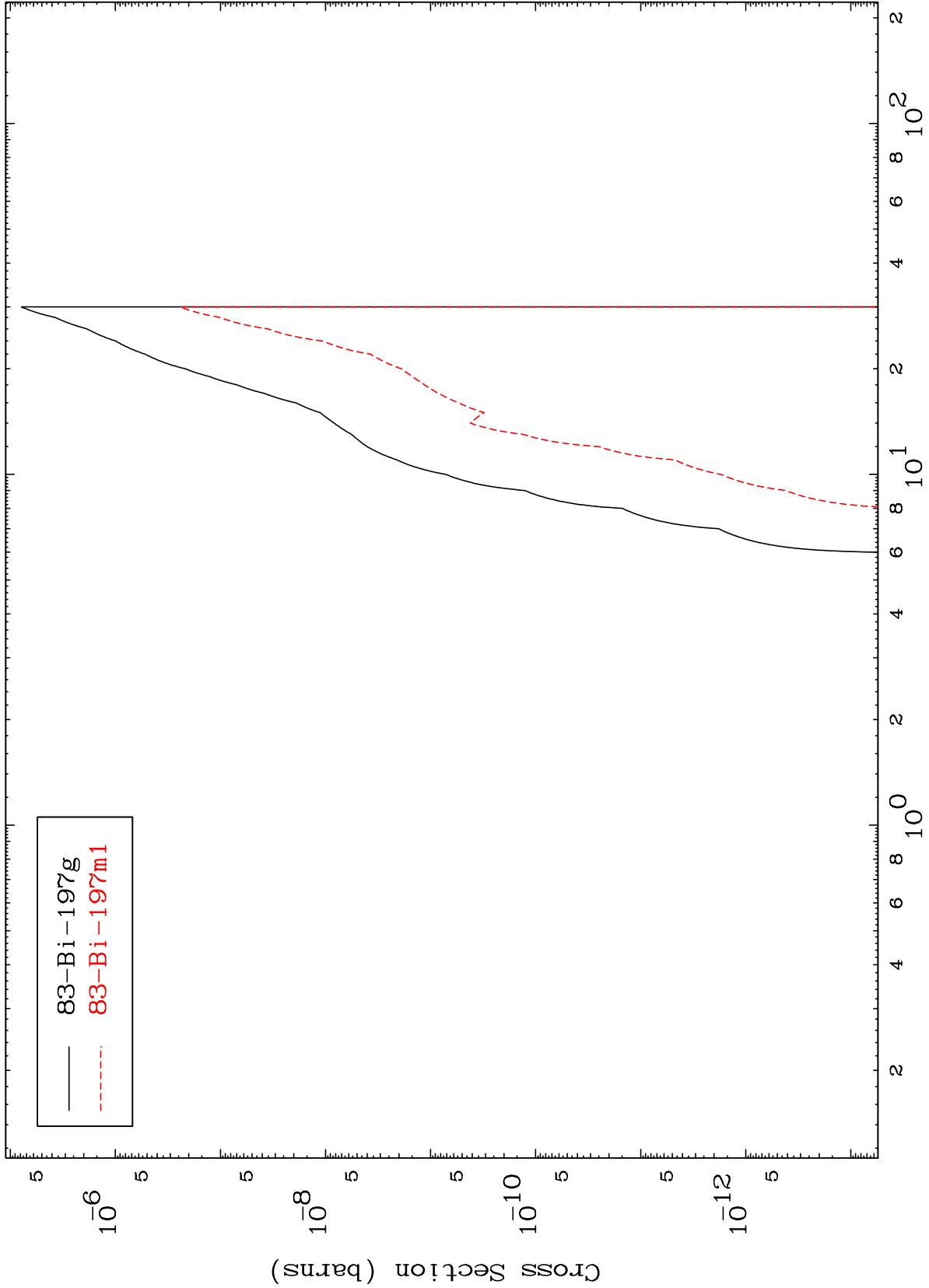
86-Rn-204

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(d,n') 2α

86-Rn-204

Radionuclide Production Cross Section



15

Incident Energy (MeV)

86-Rn-204

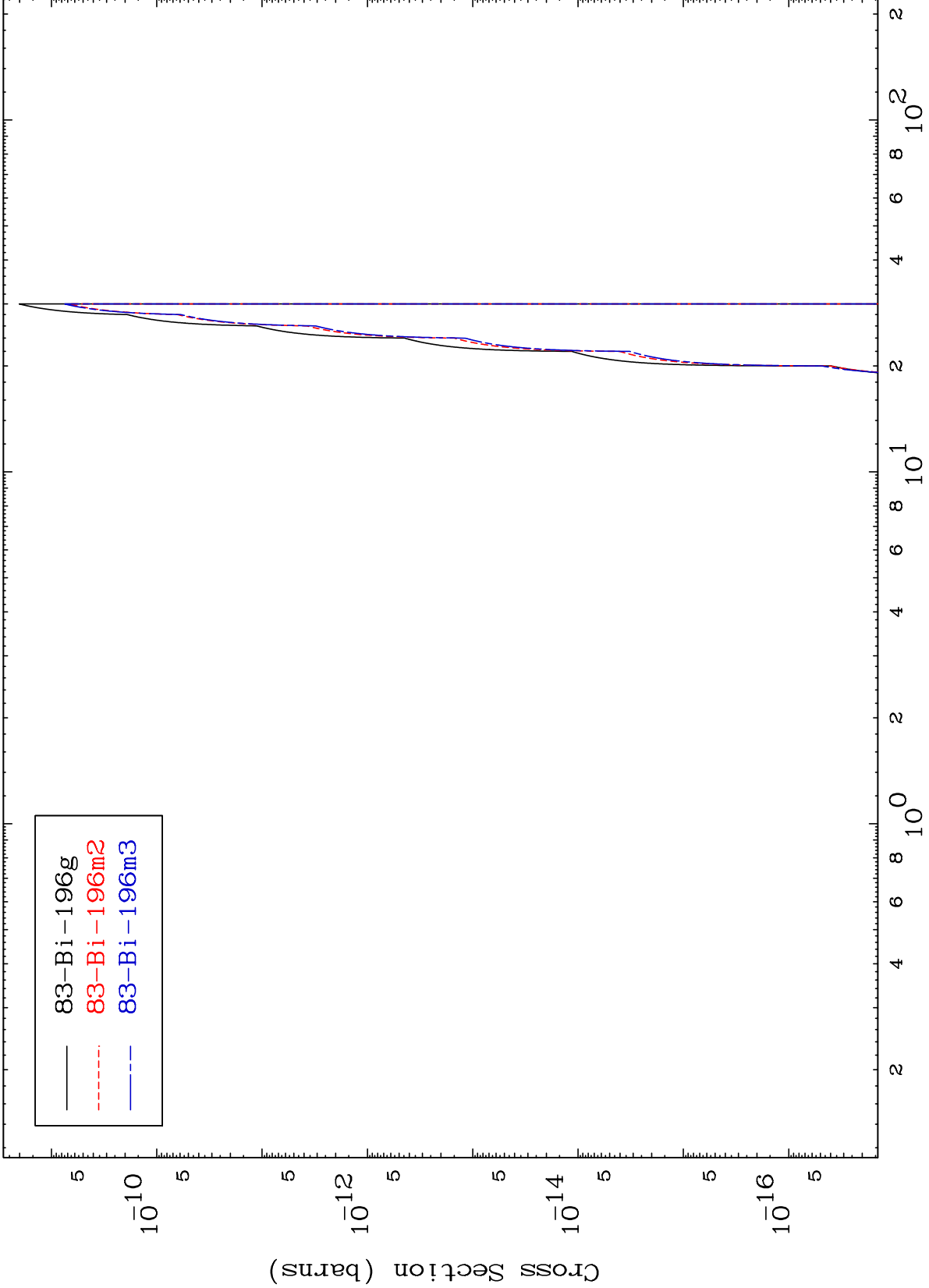


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(d,2n)  $2\alpha$

86-Rn-204

Radionuclide Production Cross Section



16

Incident Energy (MeV)

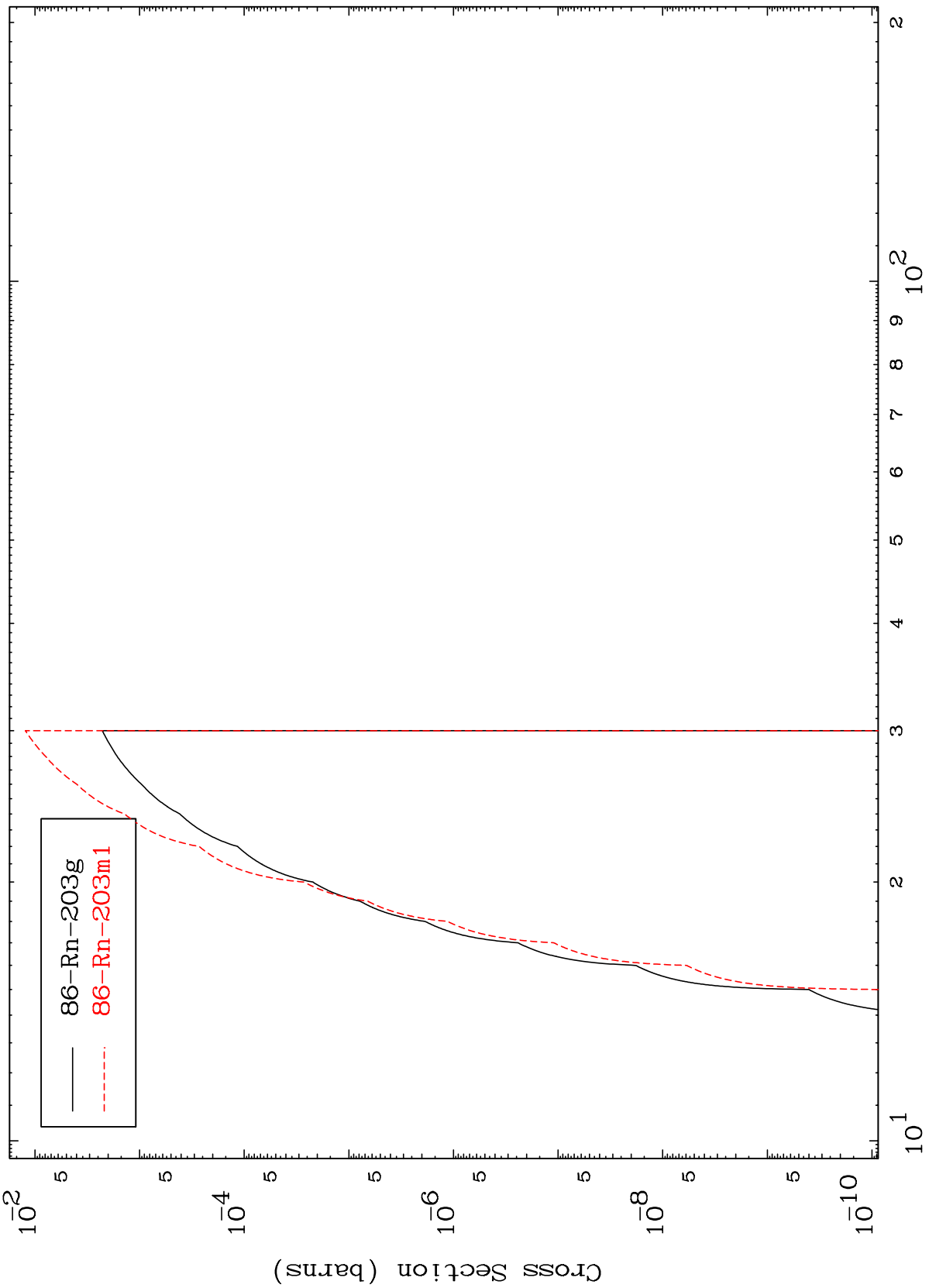
86-Rn-204

MAT 8604

(d,n') d

86-Rn-204

Radionuclide Production Cross Section



Incident Energy (MeV)

86-Rn-204

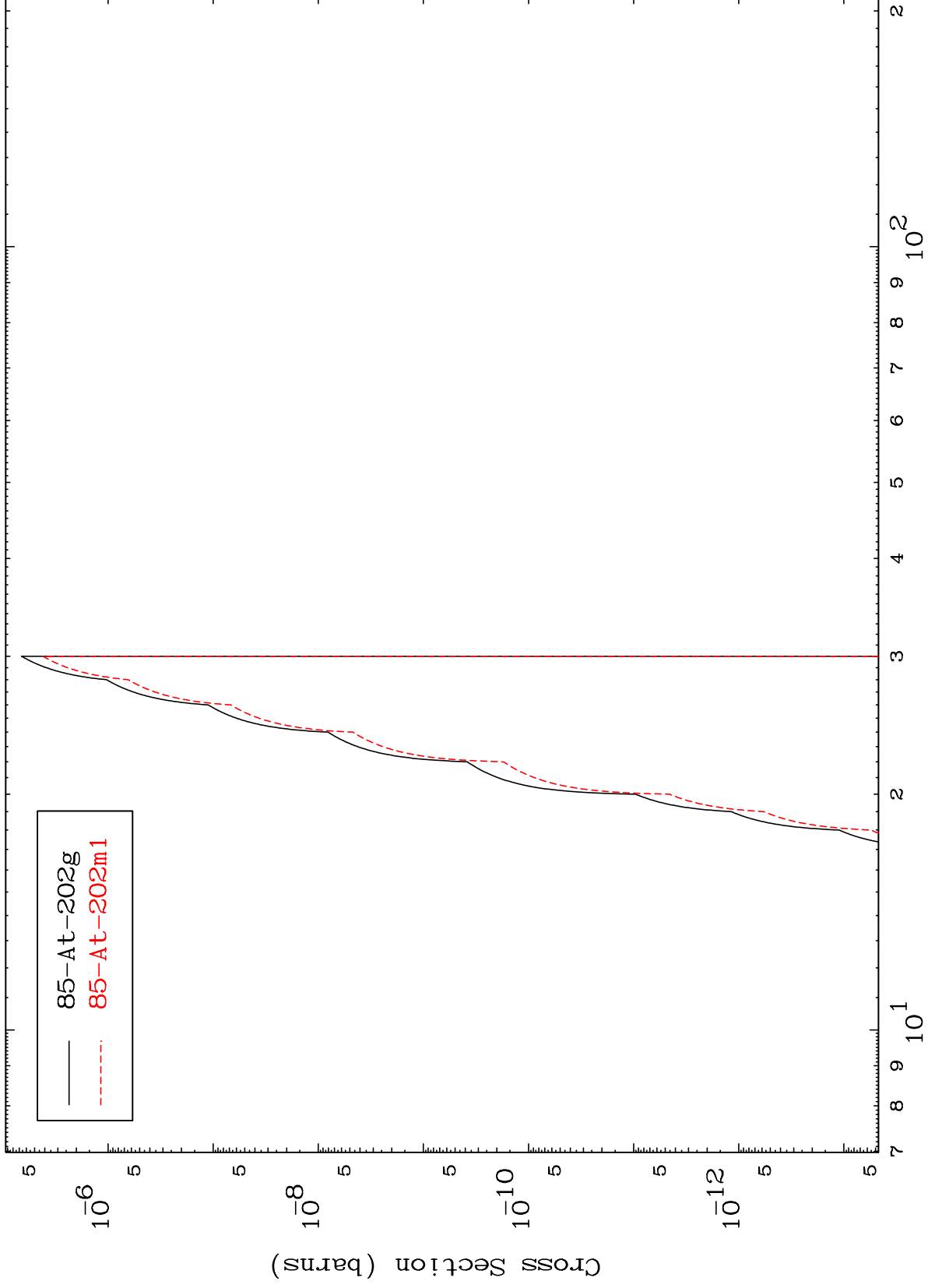
17

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(d,n') He-3

86-Rn-204

Radionuclide Production Cross Section



85-At-202g  
85-At-202m1

18

Incident Energy (MeV)

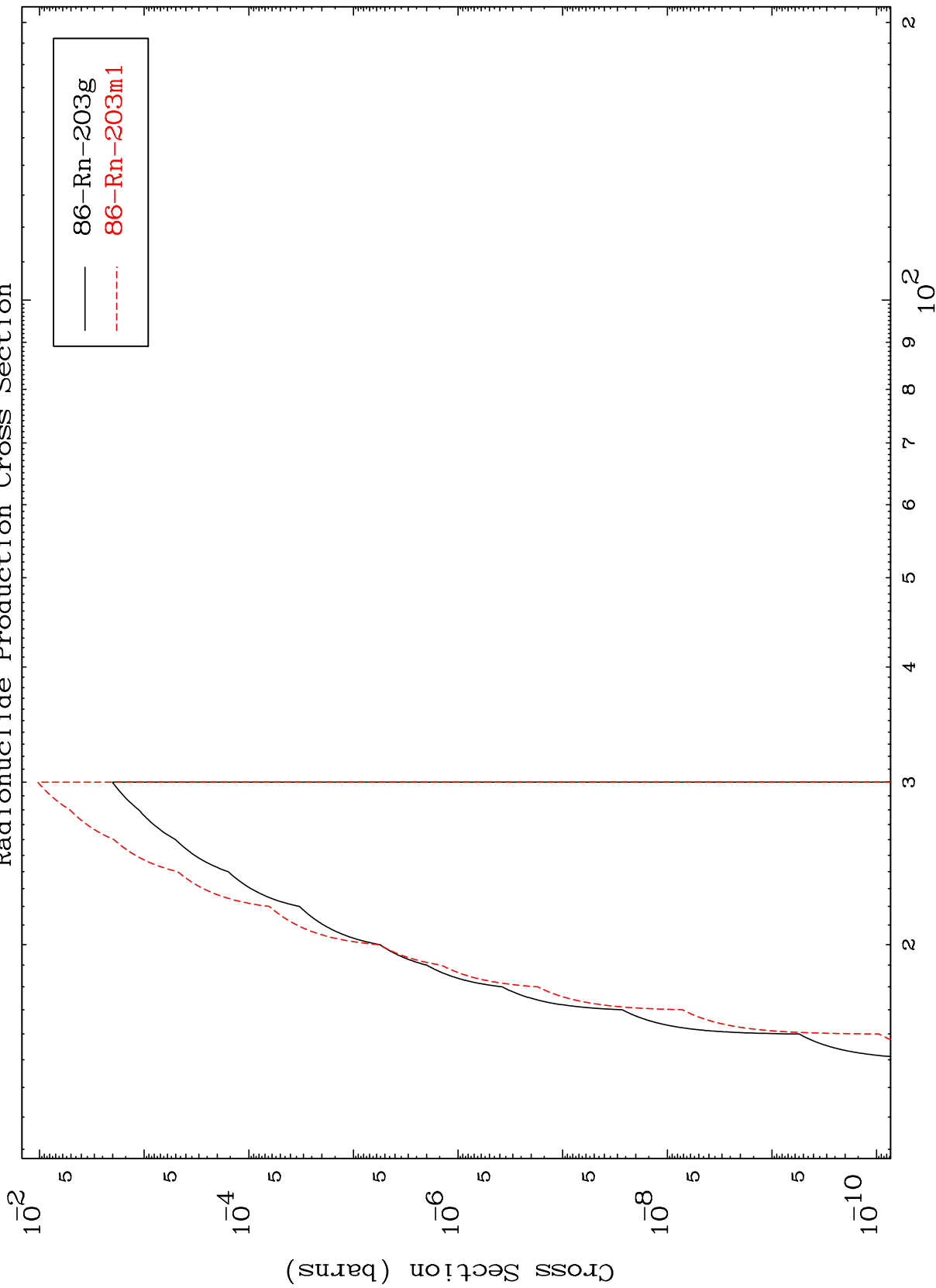
86-Rn-204

MAT 8604

(d,2n) p

86-Rn-204

Radionuclide Production Cross Section



19

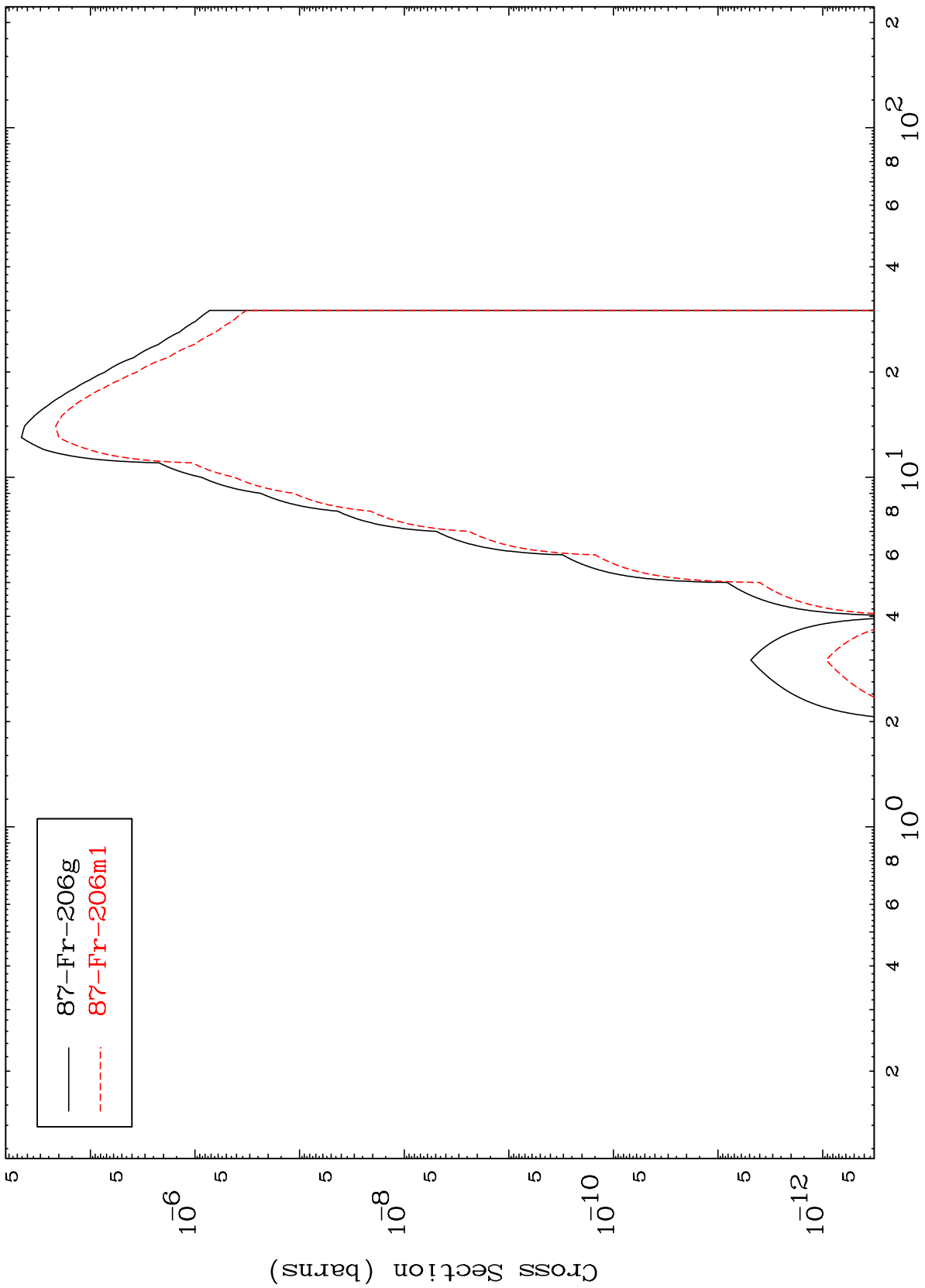
Incident Energy (MeV)

86-Rn-204

MAT 8604

86-Rn-204

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



— 87-Fr-206g  
- - - 87-Fr-206m1

20

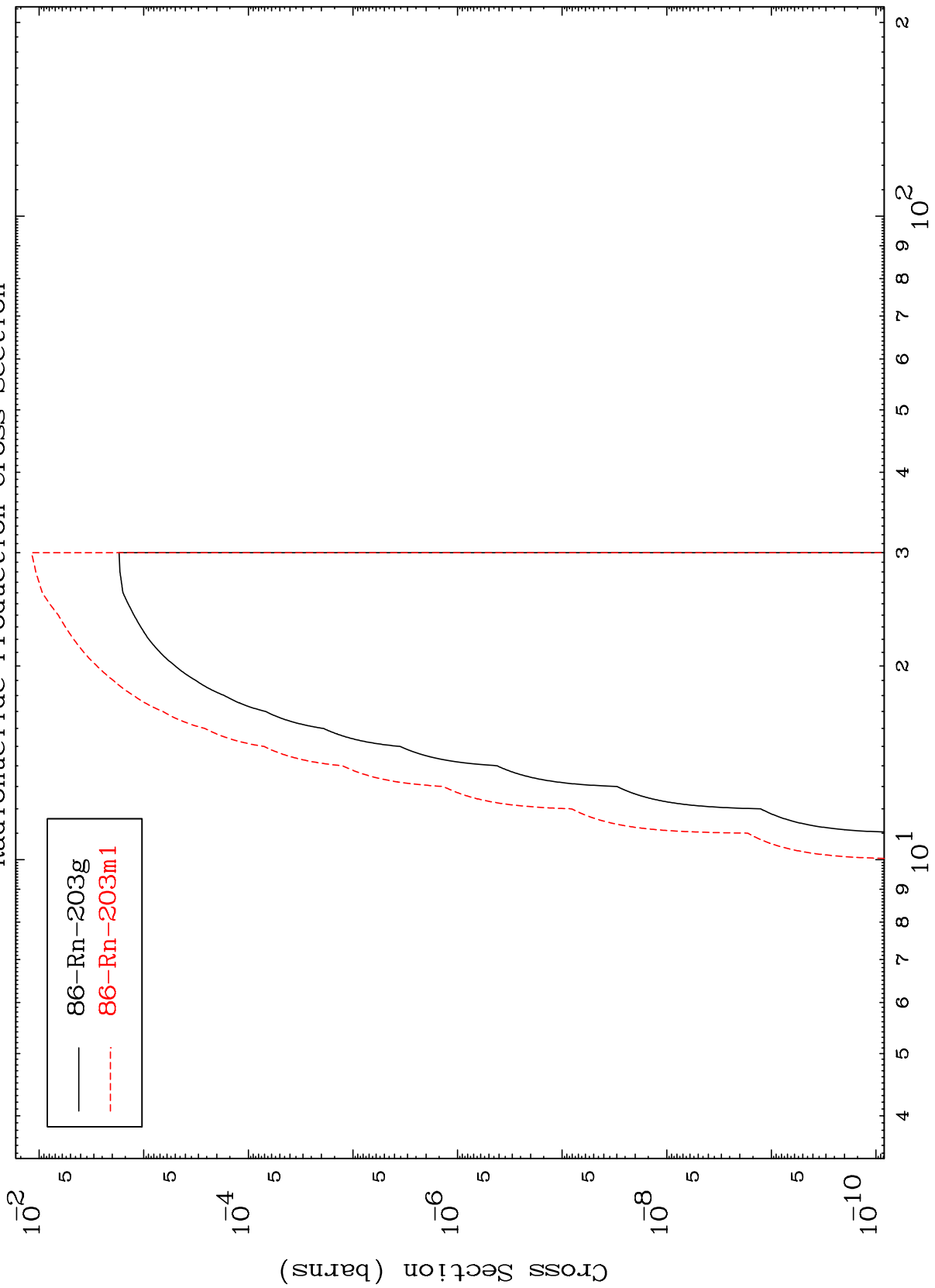
Incident Energy (MeV)

86-Rn-204

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86-Rn-204

(d, t)  
Radionuclide Production Cross Section



Legend:  
— 86-Rn-203g  
- - - 86-Rn-203m1

86-Rn-204

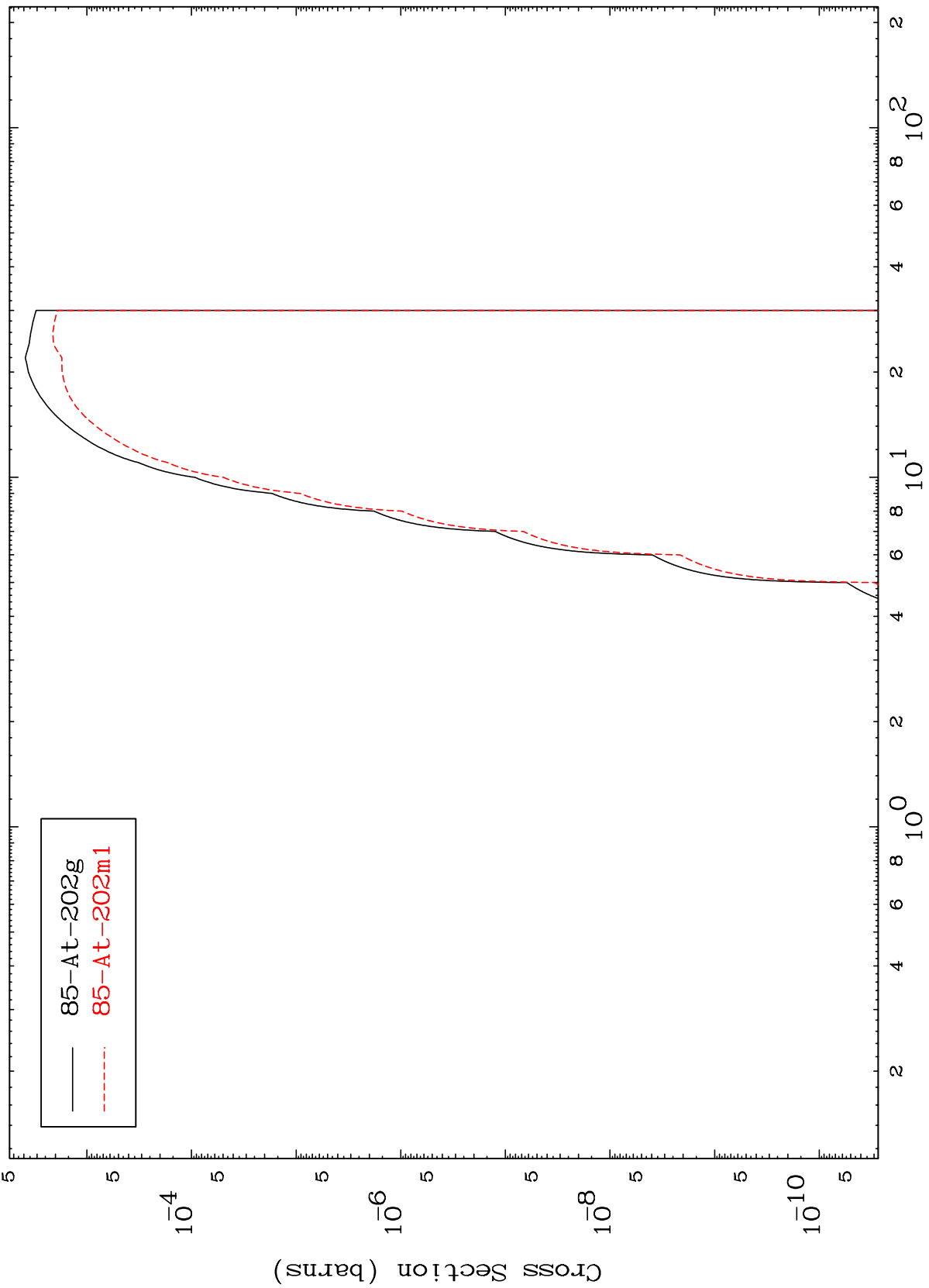
Incident Energy (MeV)

21

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86-Rn-204

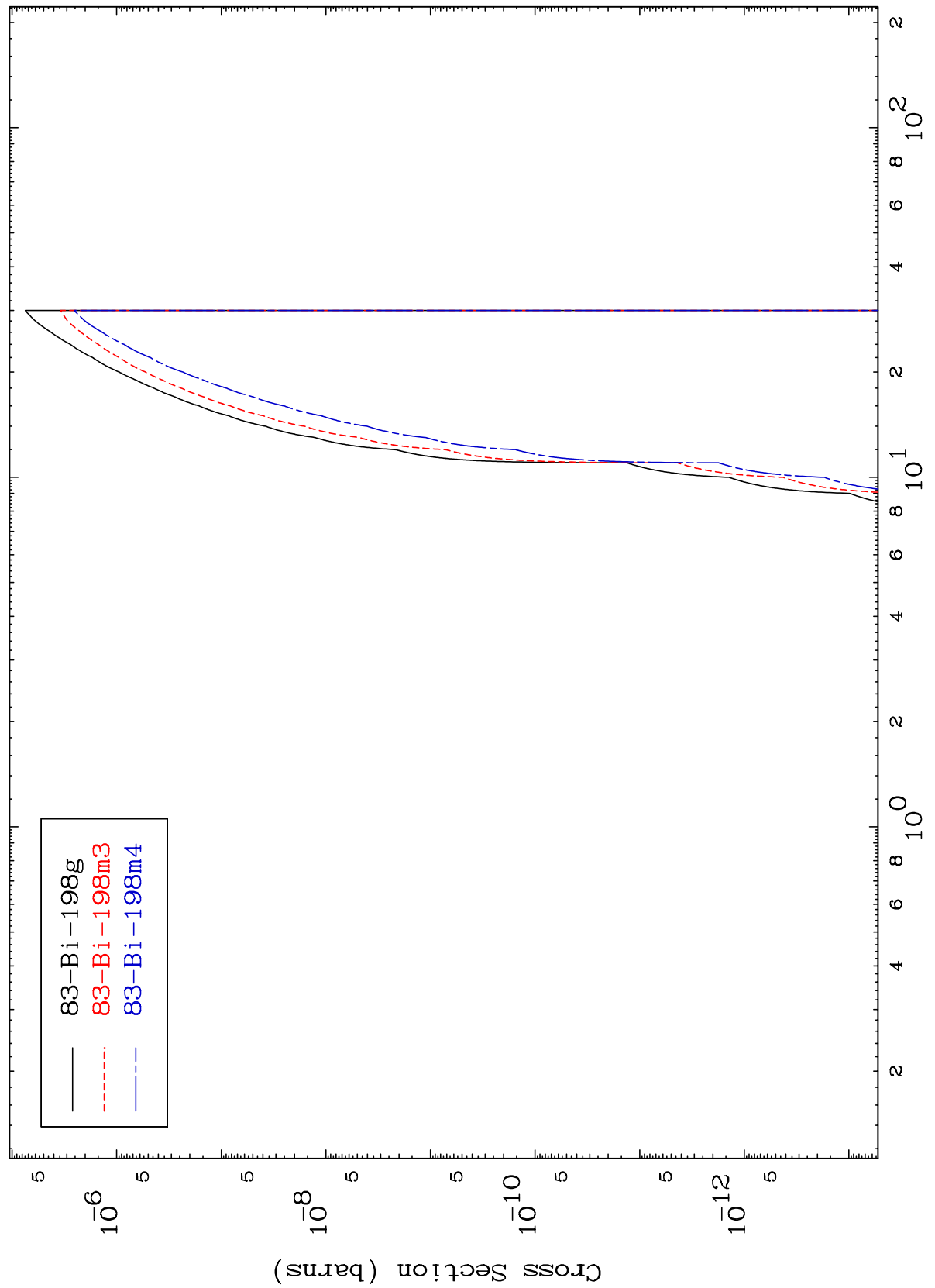
Radionuclide Production Cross Section  
(d,  $\alpha$ )



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86-Rn-204

Radionuclide Production Cross Section  
(d,2 $\alpha$ )



23

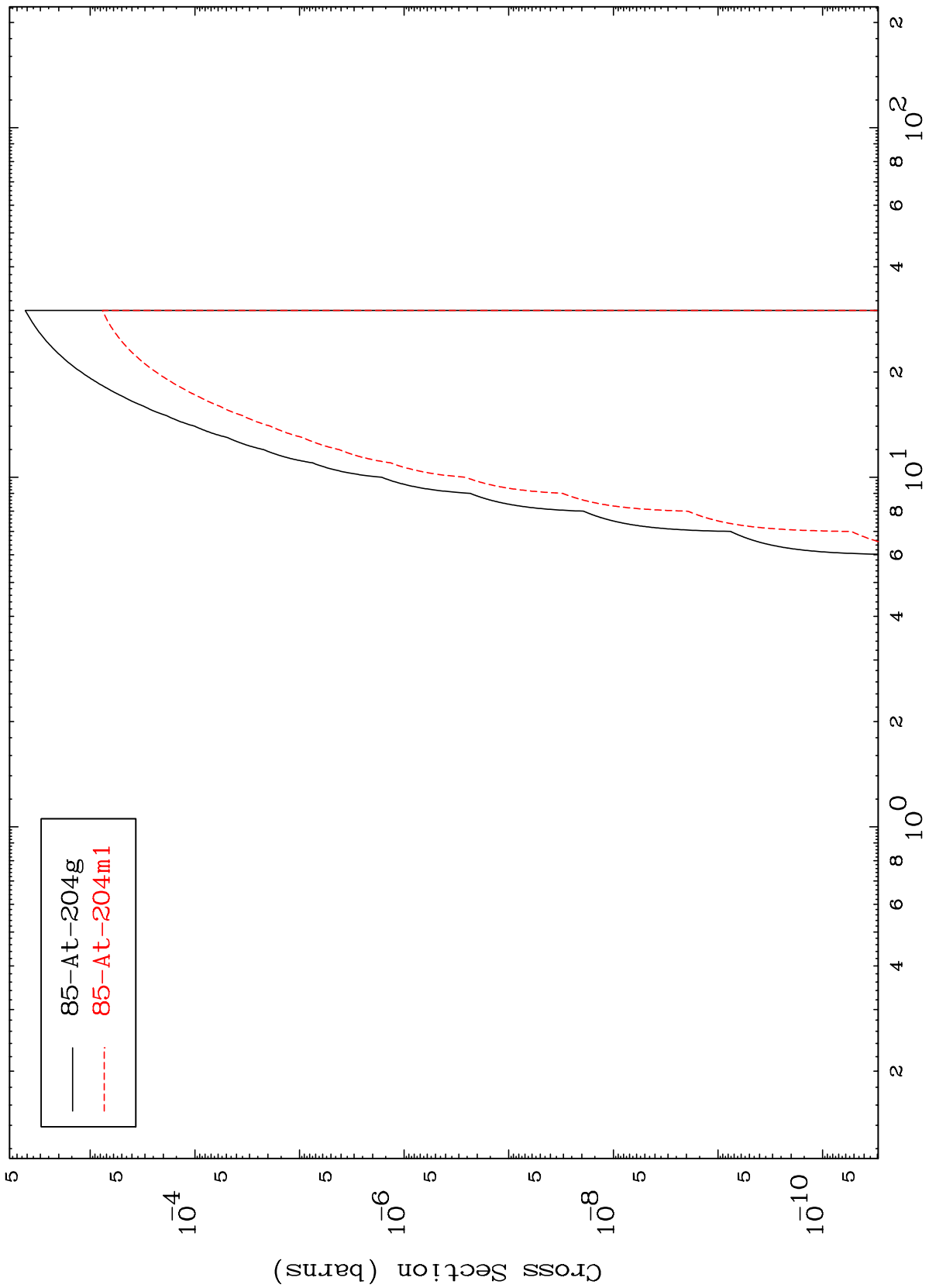
86-Rn-204



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86-Rn-204

Radionuclide Production Cross Section  
(d,2p)



24

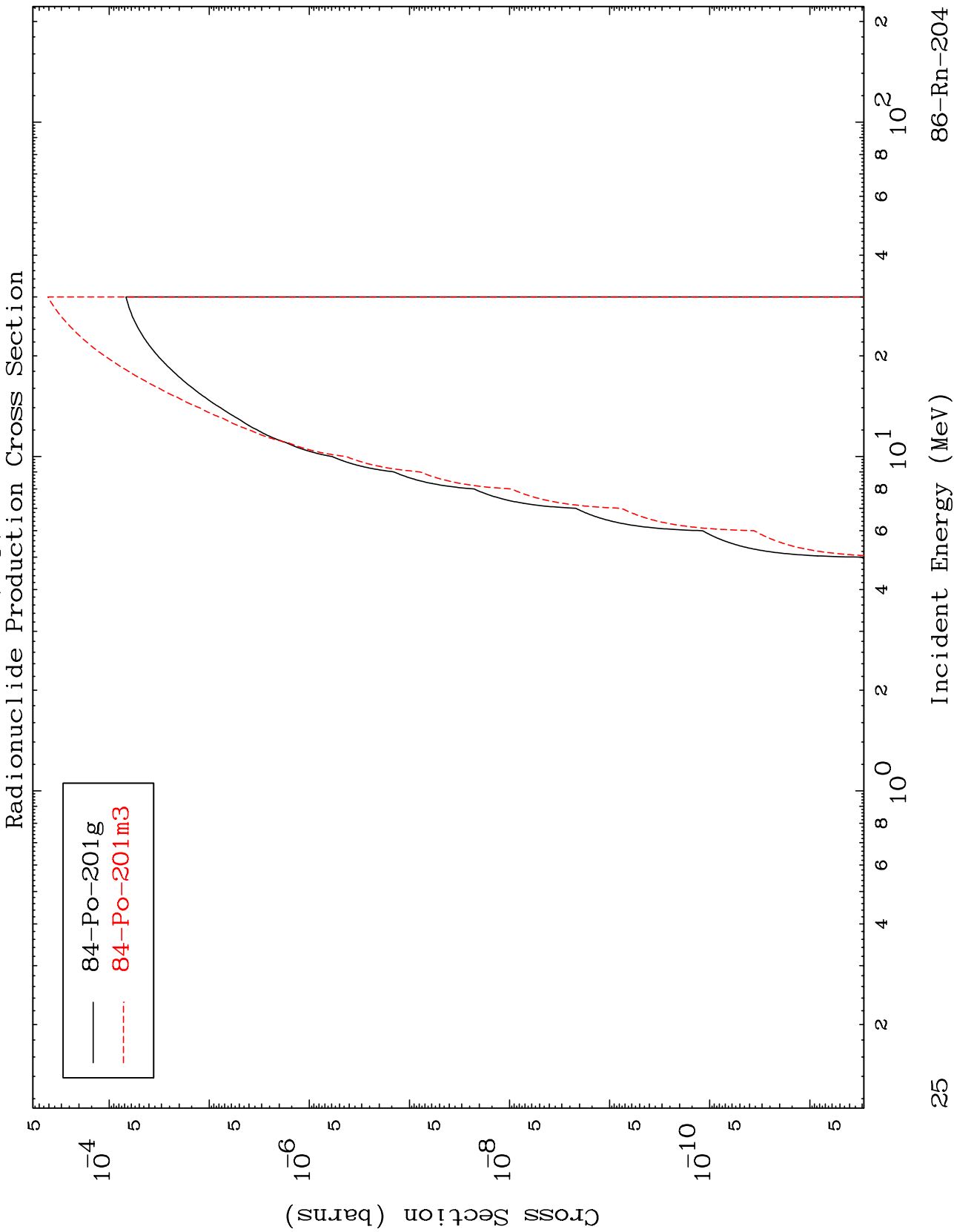
86-Rn-204

Incident Energy (MeV)

MAT 8604

(d,p)  $\alpha$

86-Rn-204

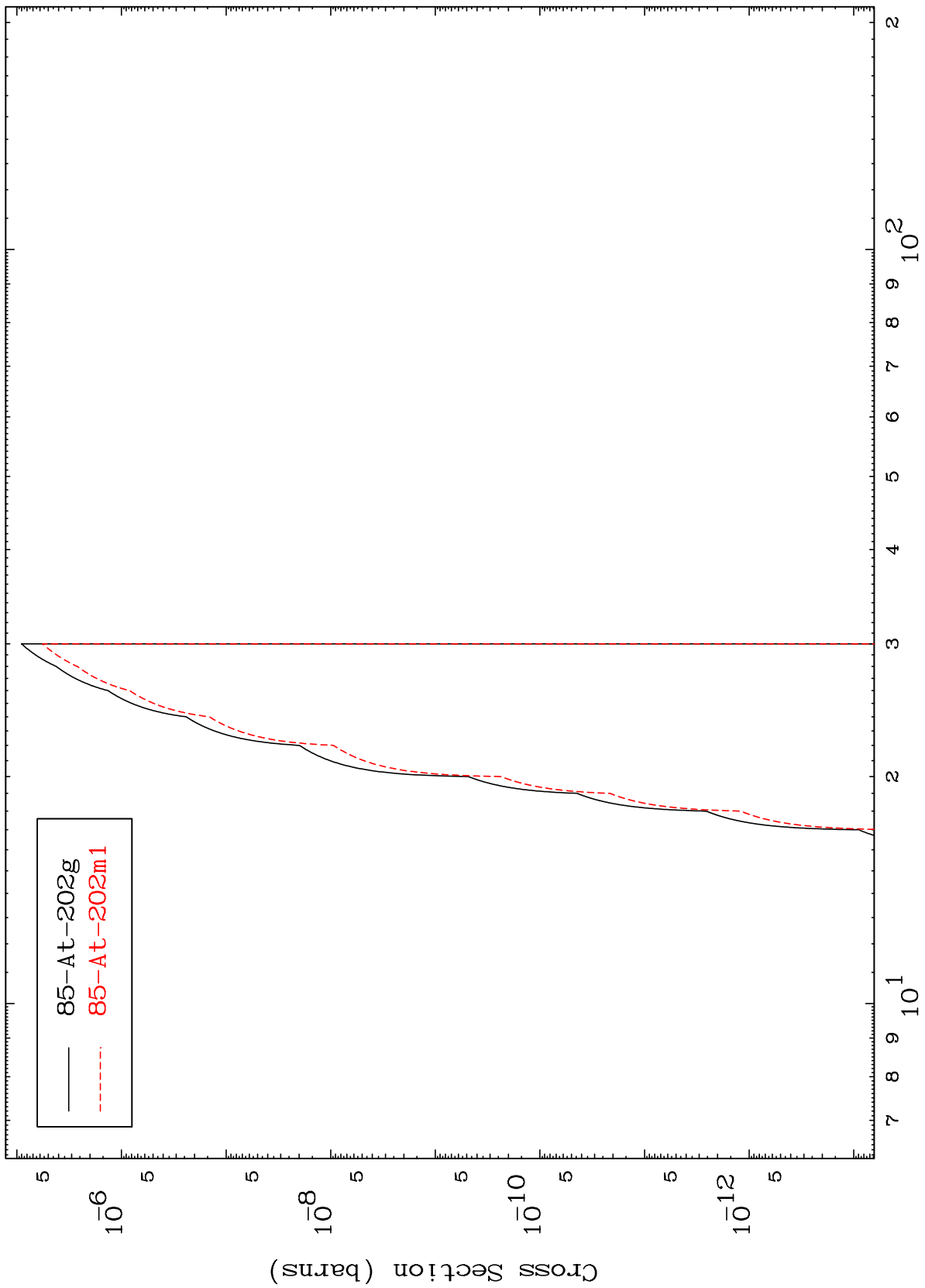


MAT 8604

(d,p) t

86-Rn-204

Radionuclide Production Cross Section



26

Incident Energy (MeV)

86-Rn-204