

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

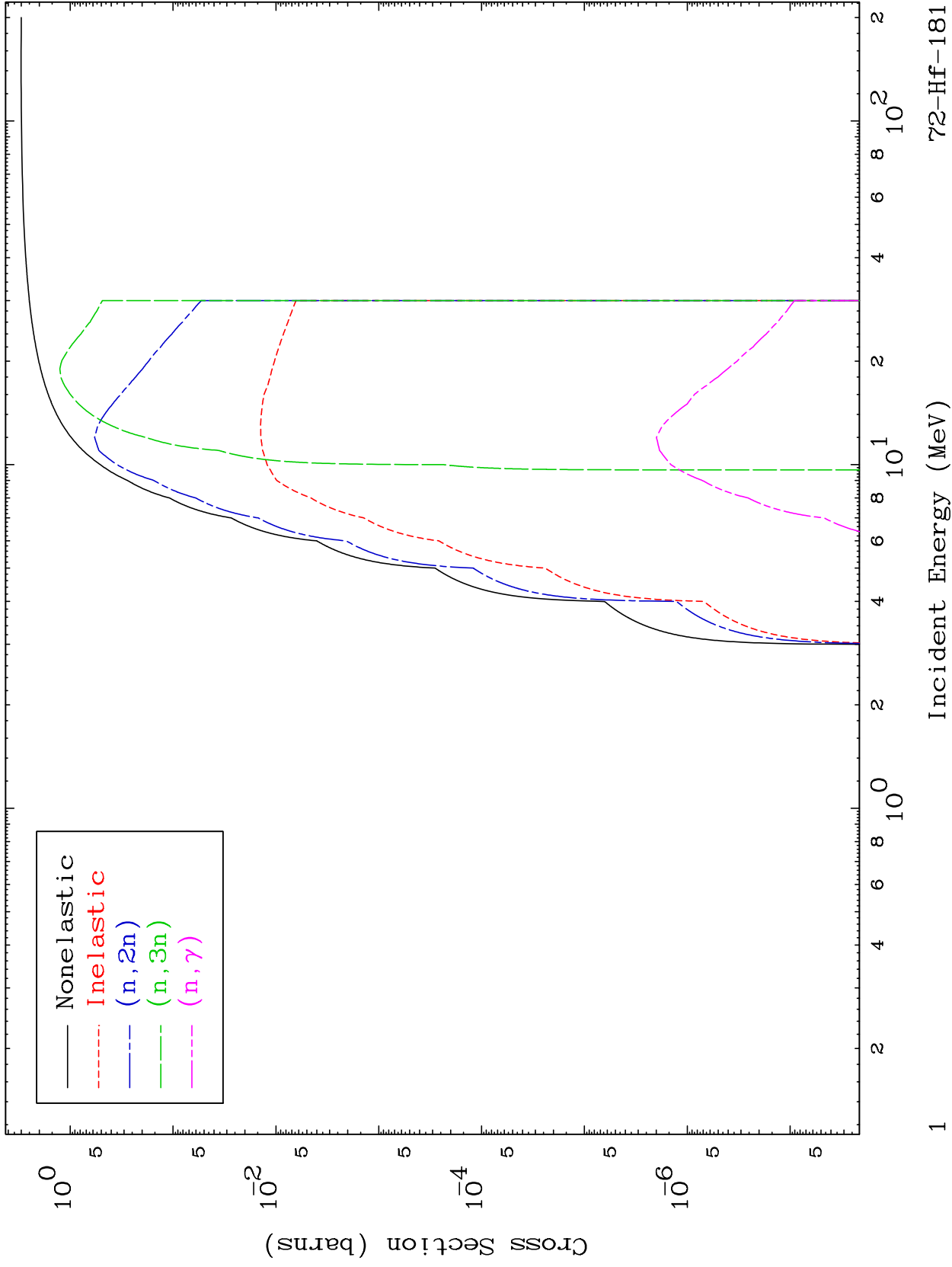
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

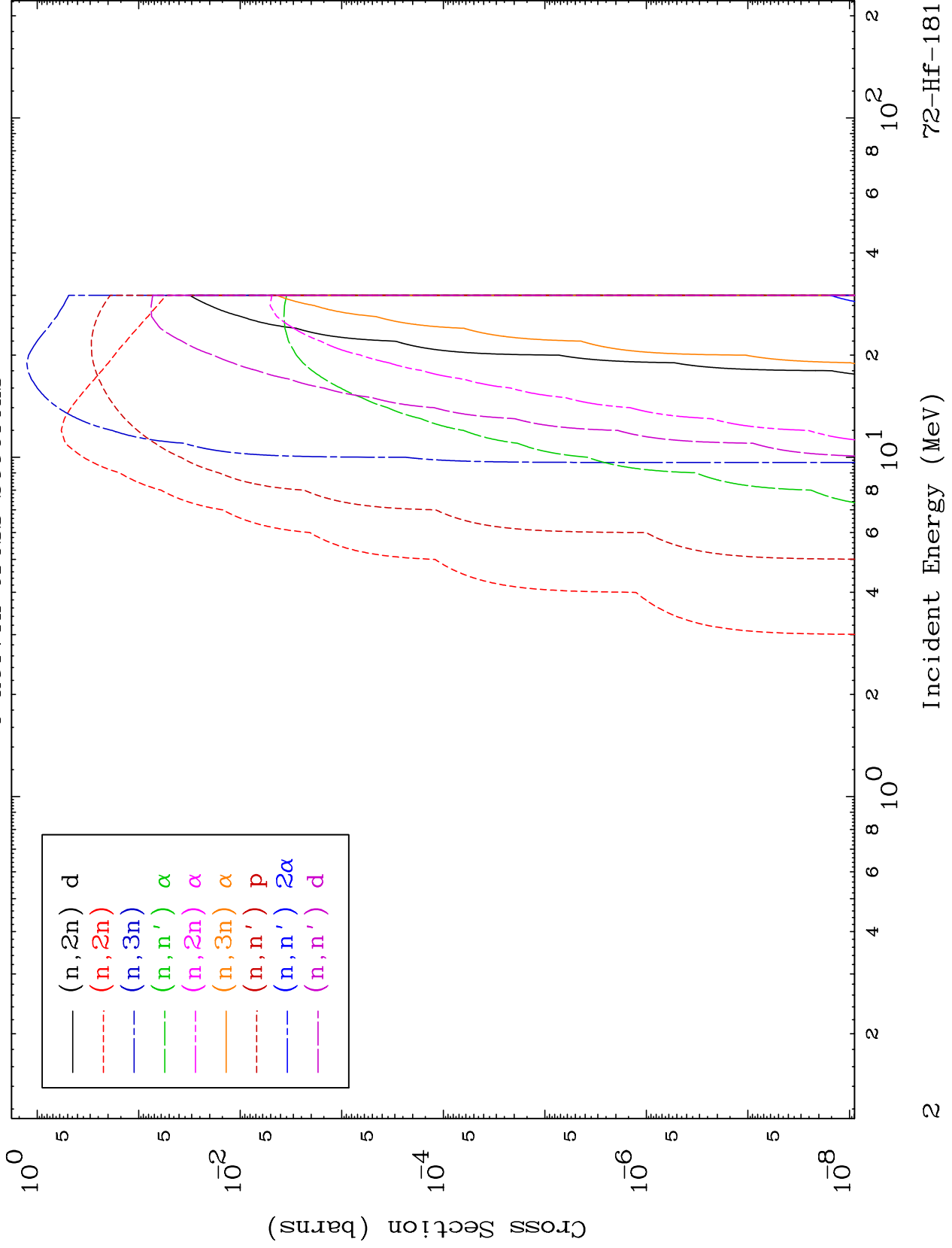
Tele: 925-443-1911

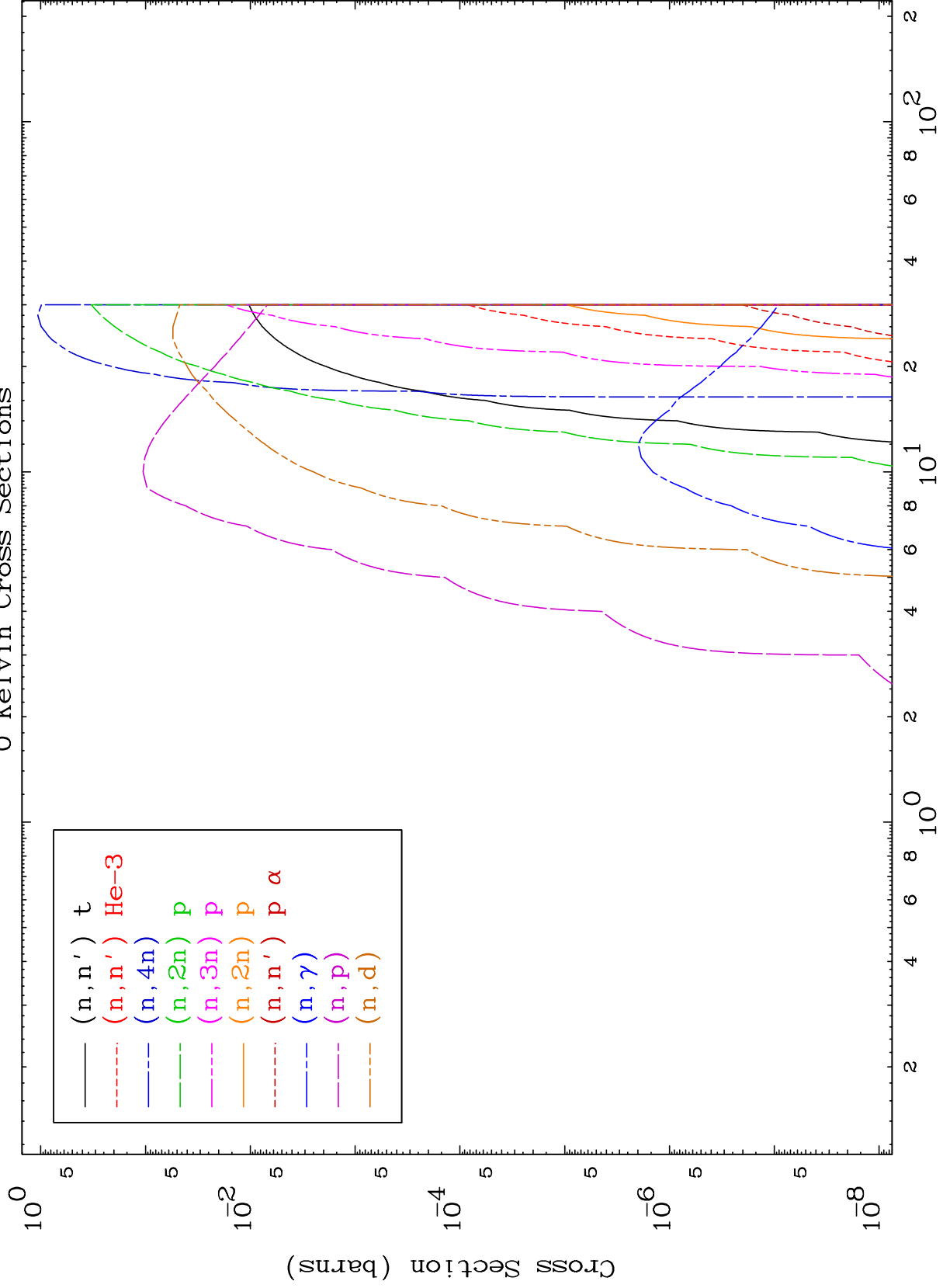
E.Mail:redcullen1@comcast.net

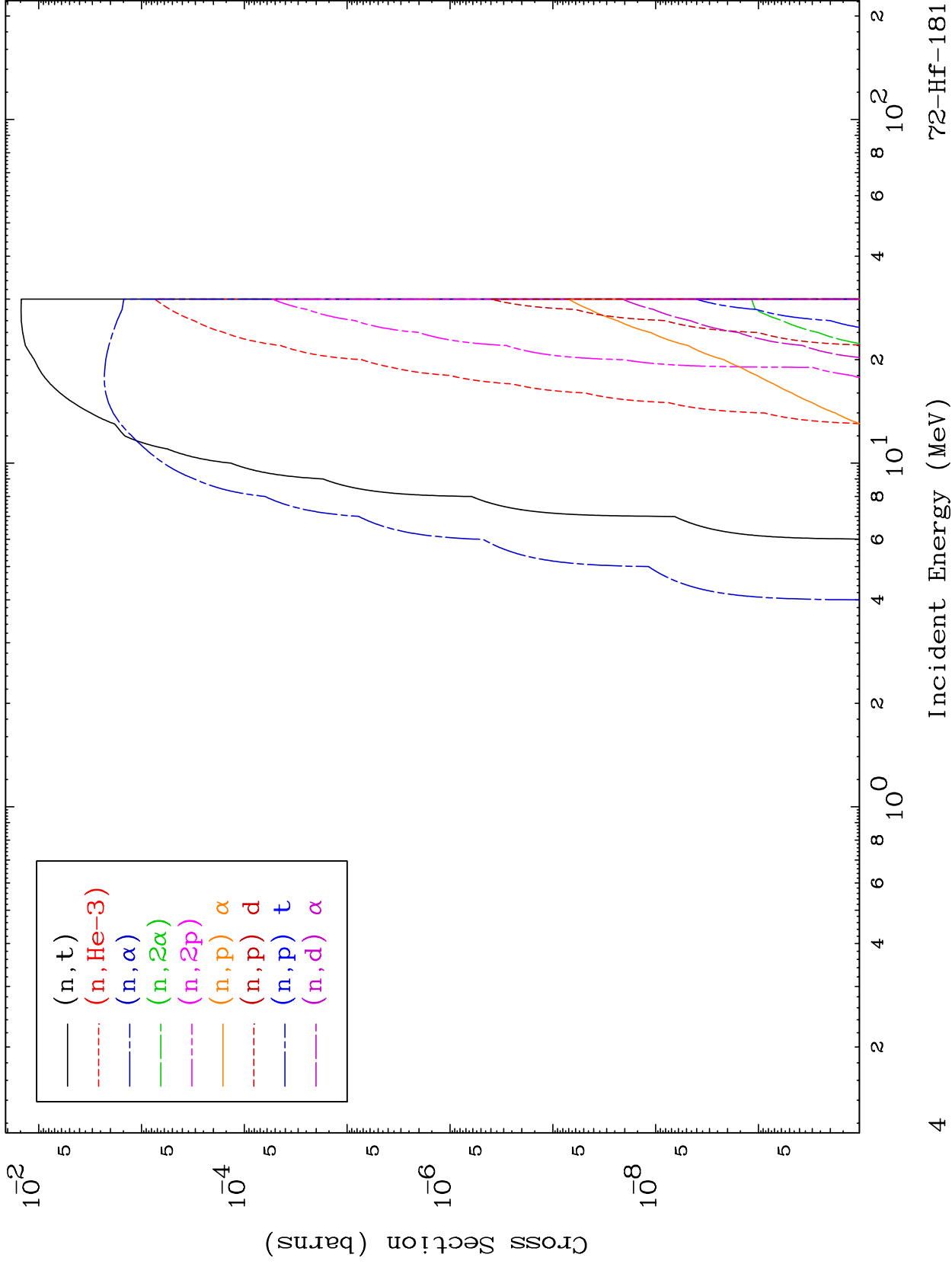
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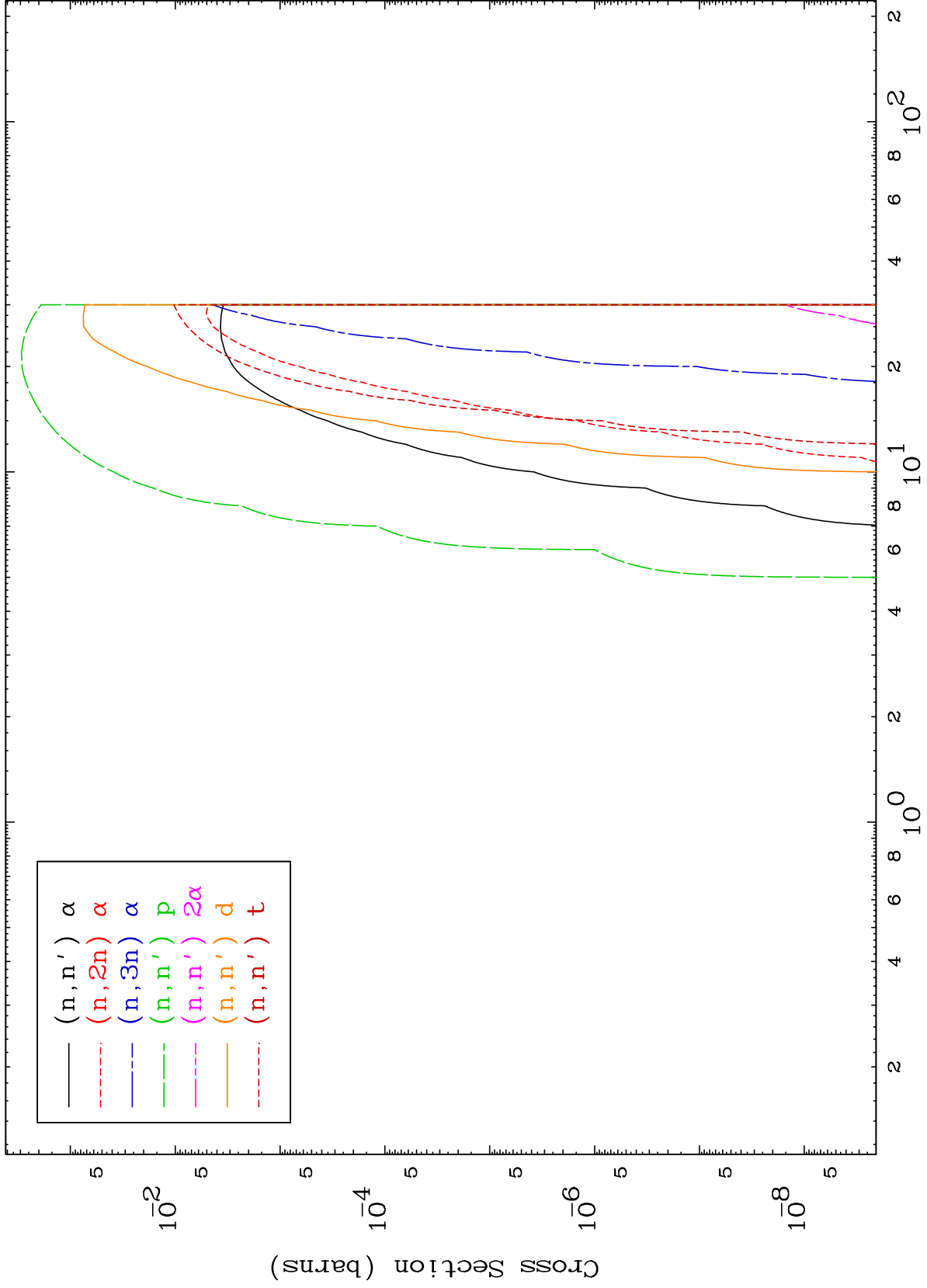
Press Mouse Button to Start

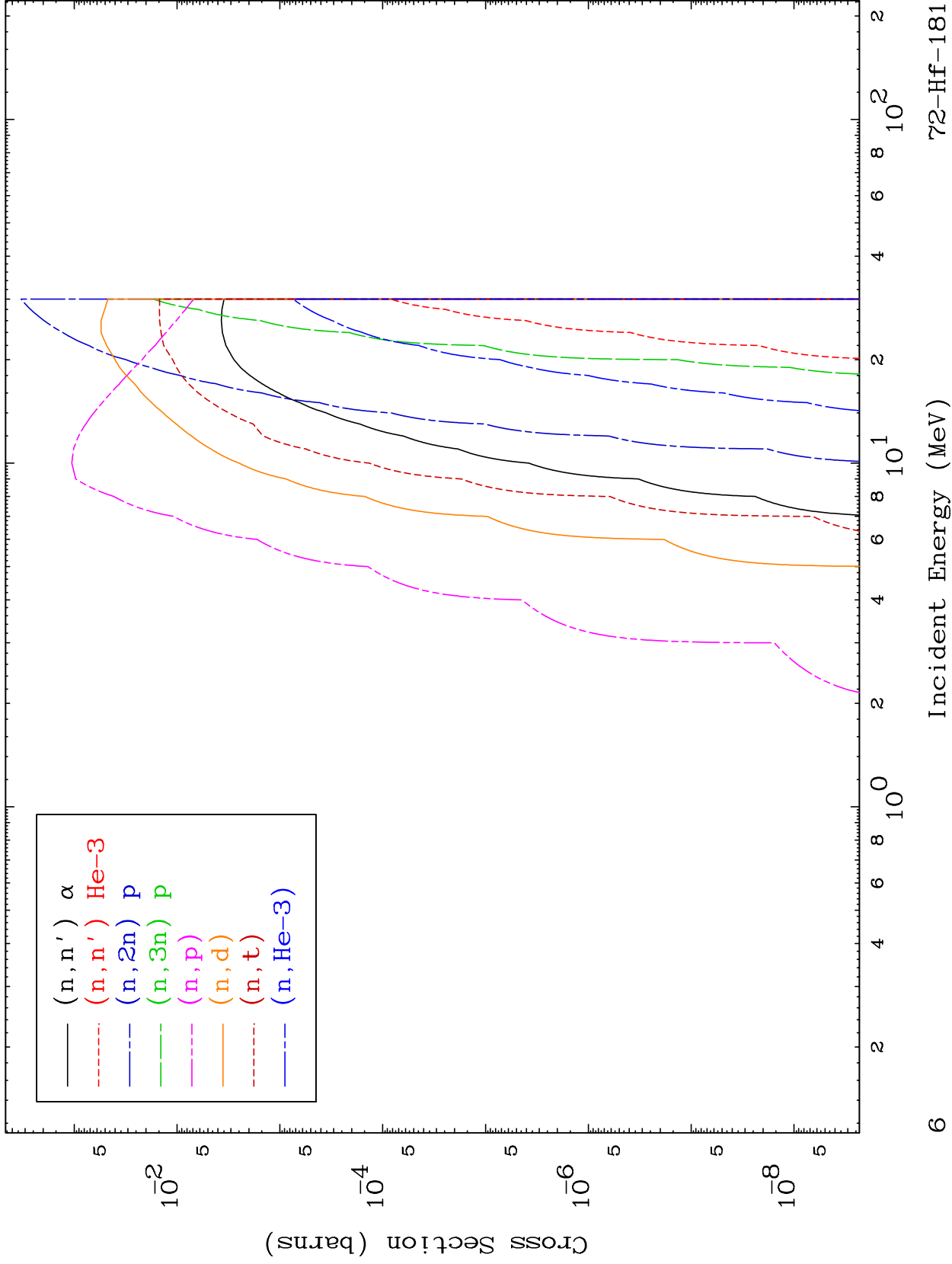








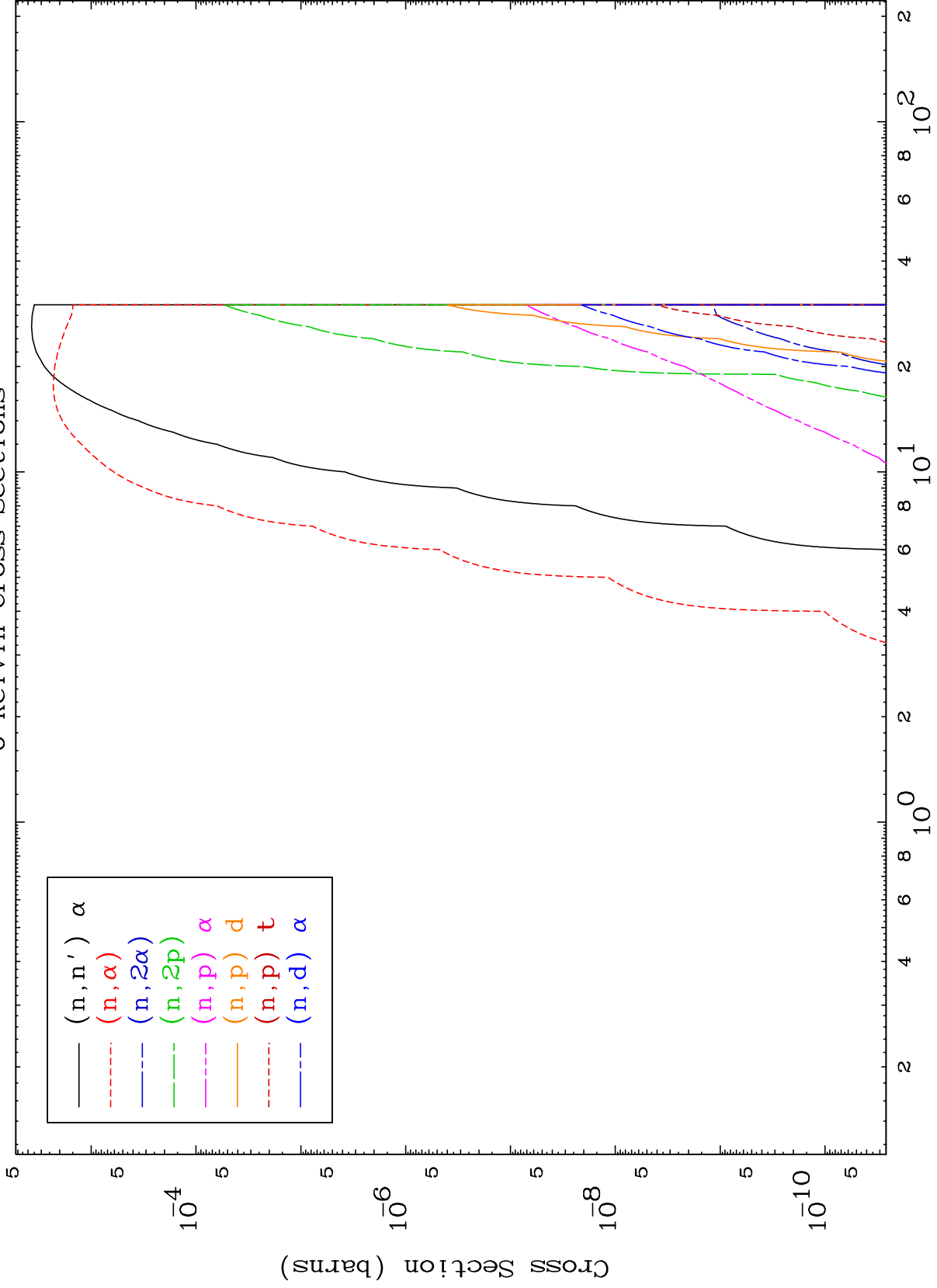




MAT 7246

Deuteron Charged Particle
0 Kelvin Cross Sections

72-Hf-181

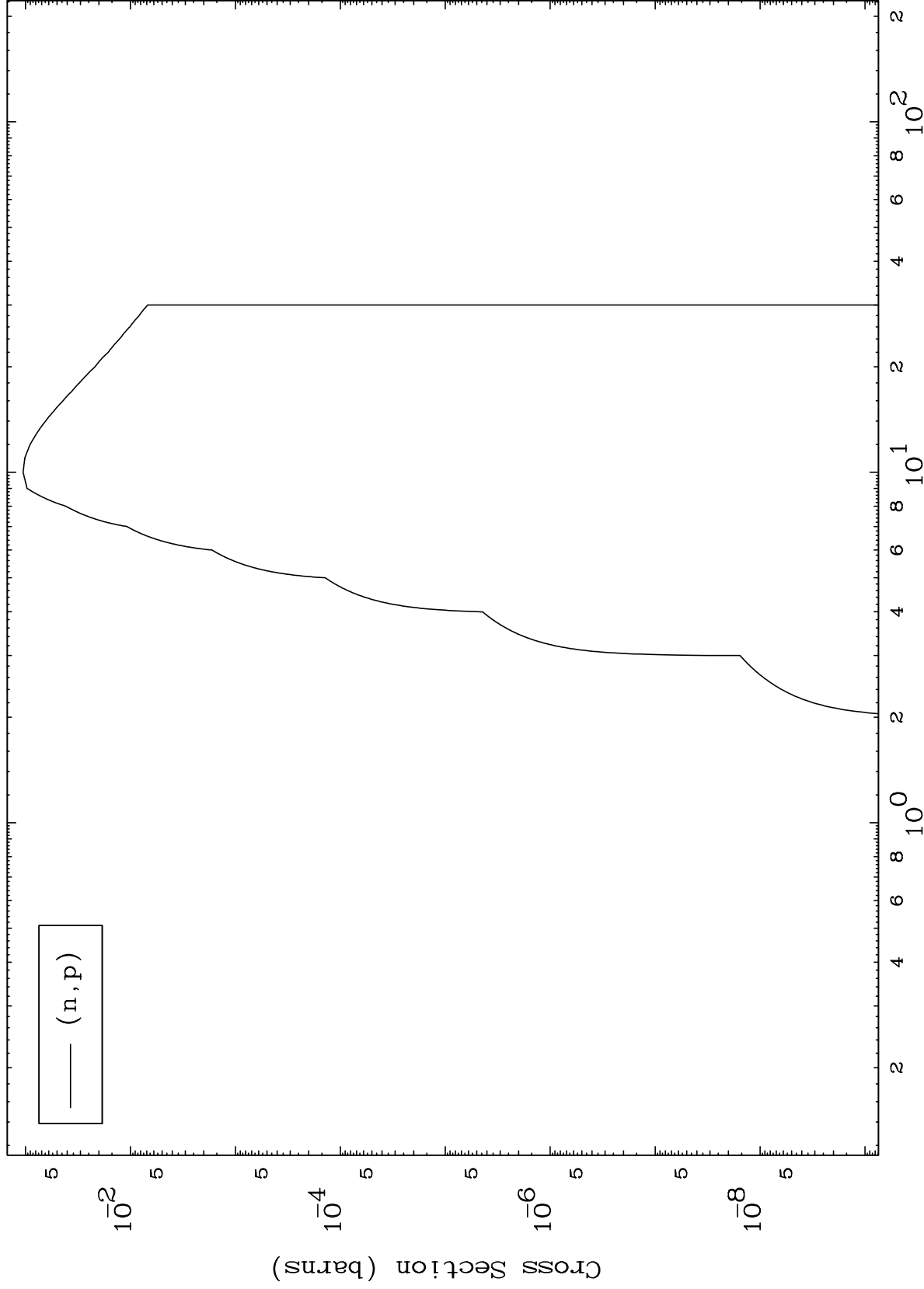


MAT 7246

(d,p) Levels

72-Hf-181

0 Kelvin Cross Sections

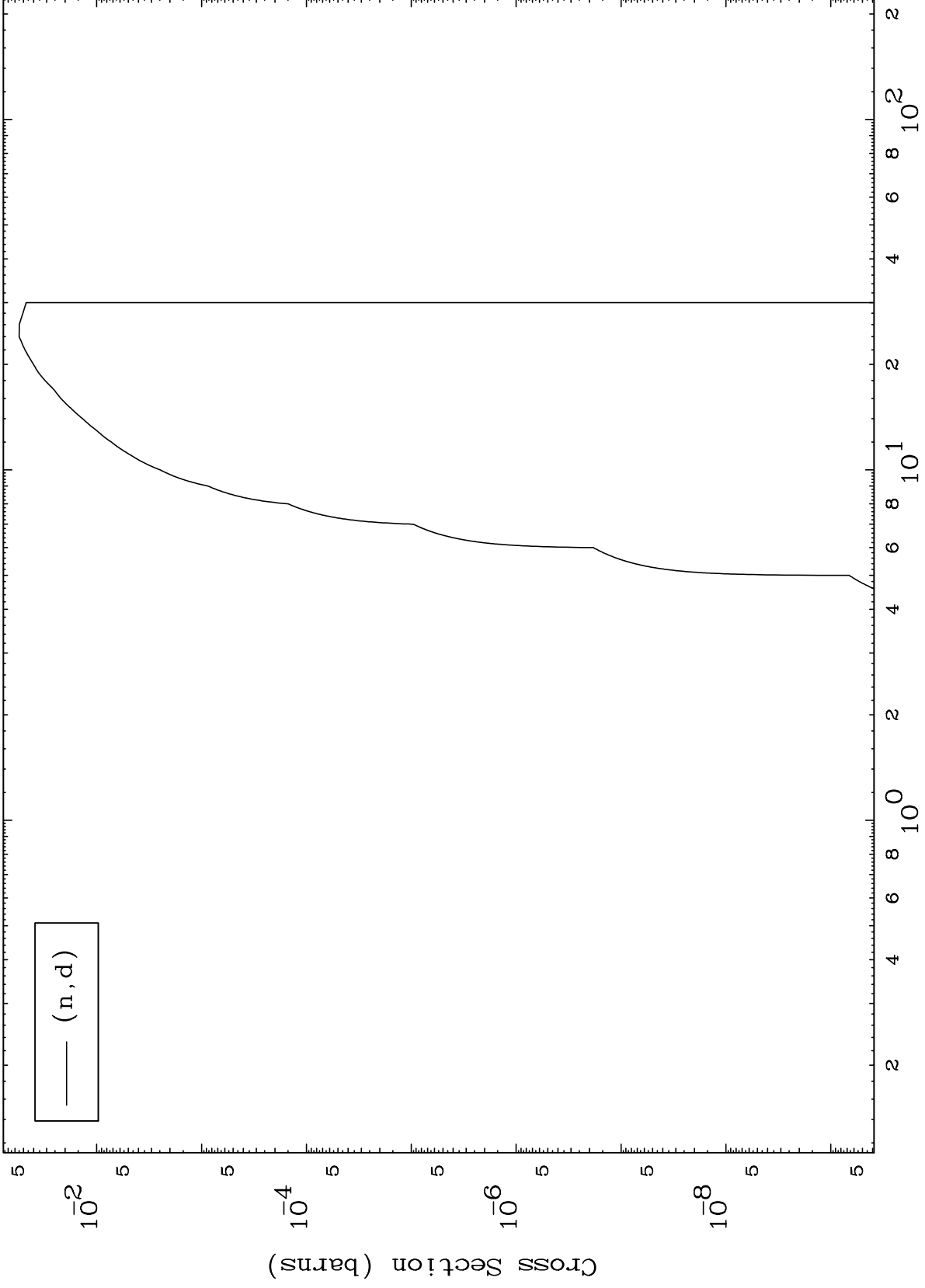


MAT 7246

(d,d) Levels

72-Hf-181

0 Kelvin Cross Sections

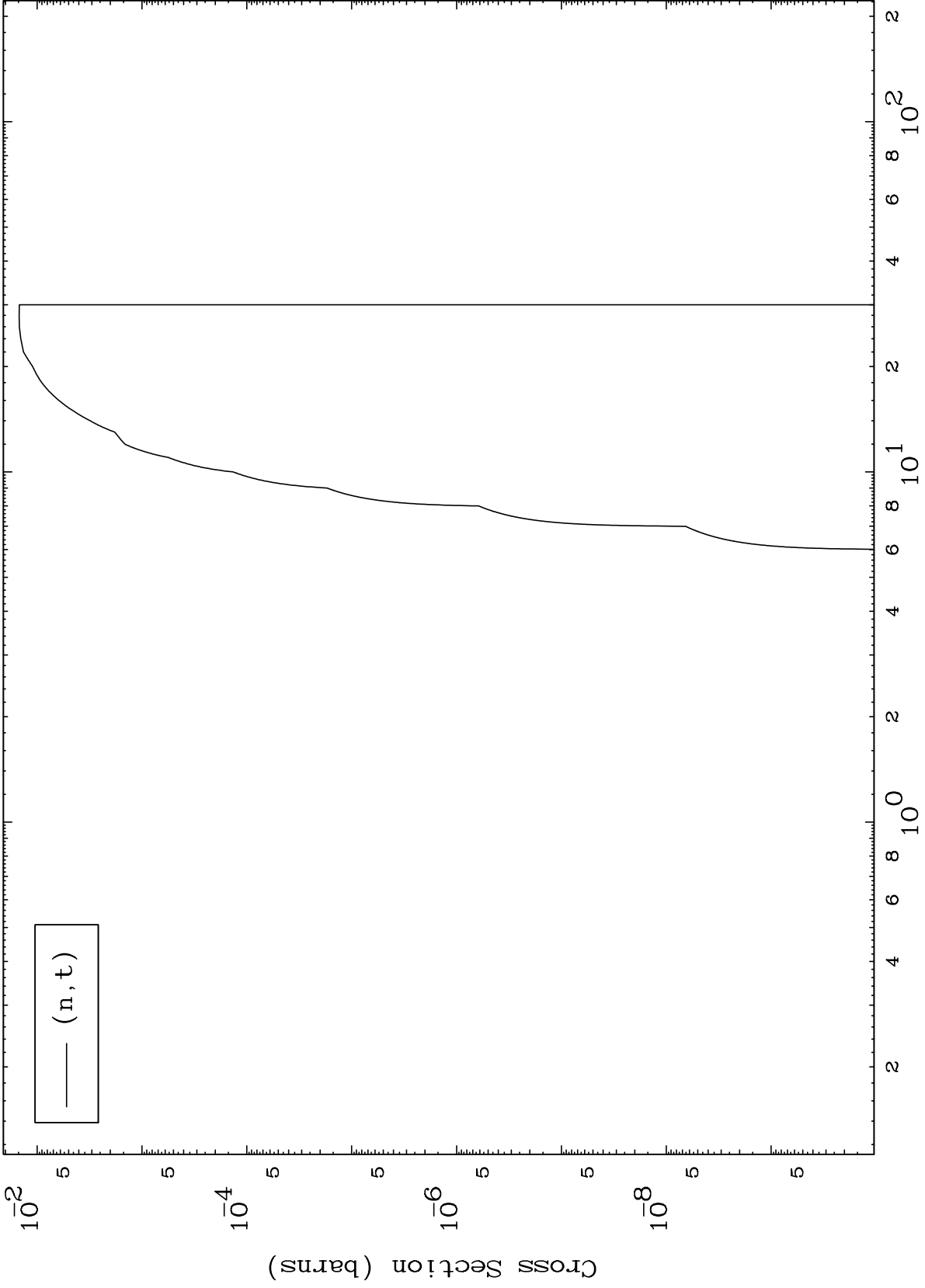


MAT 7246

(d,t) Levels

72-Hf-181

0 Kelvin Cross Sections



10

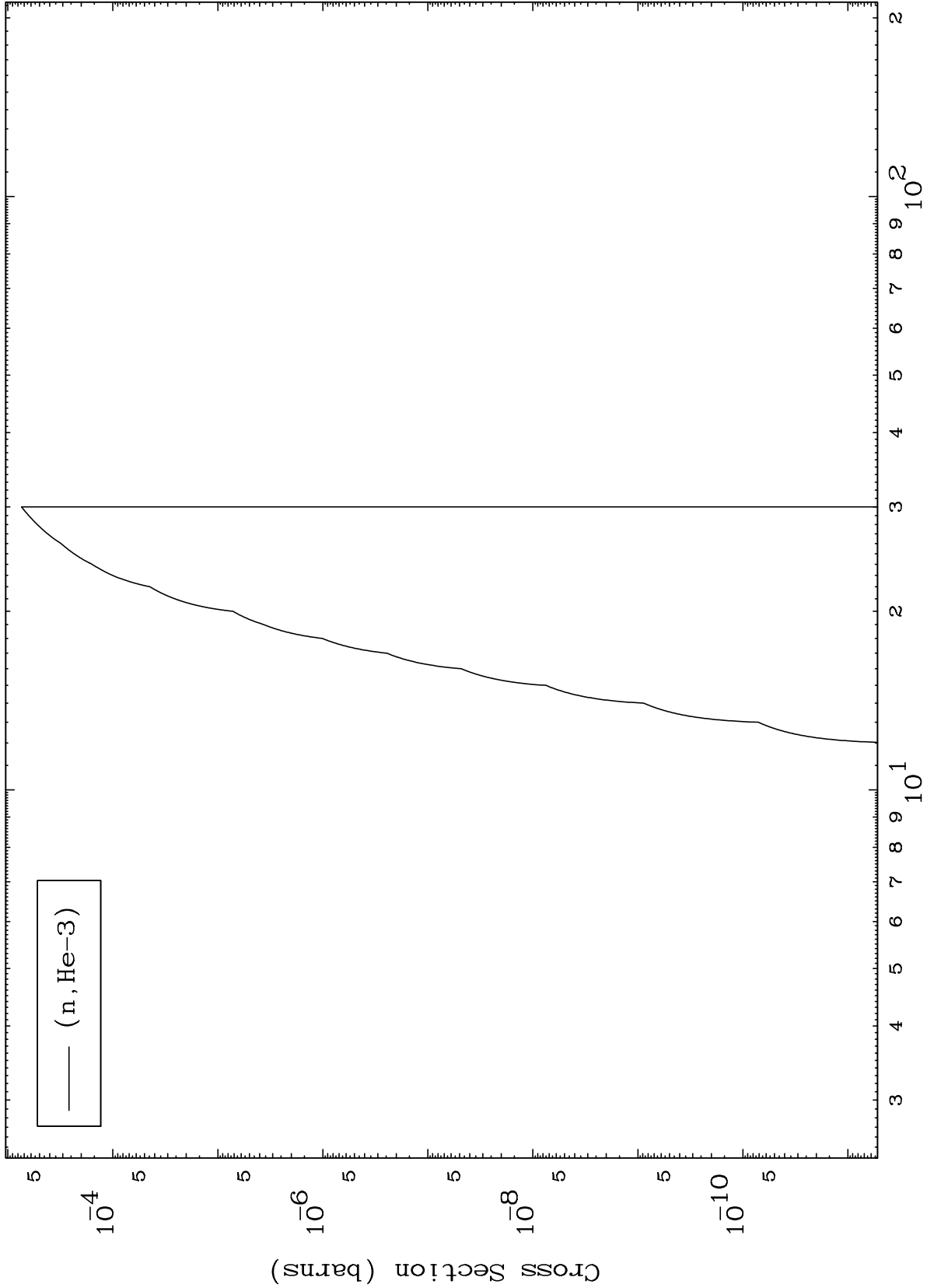
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

(d,He3) Levels
0 Kelvin Cross Sections



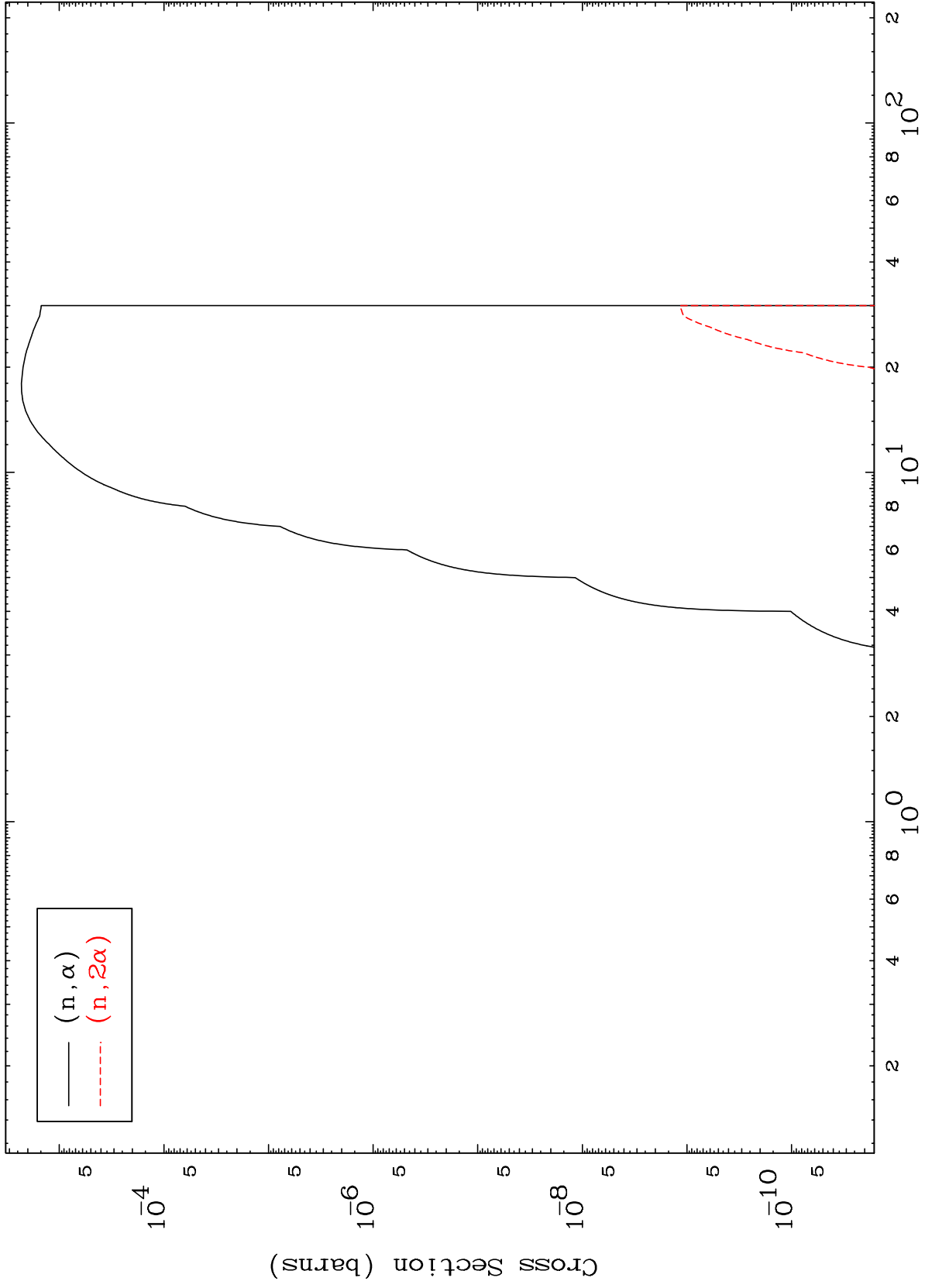
11

72-Hf-181

MAT 7246

(d, α) Levels
0 Kelvin Cross Sections

72-Hf-181



12

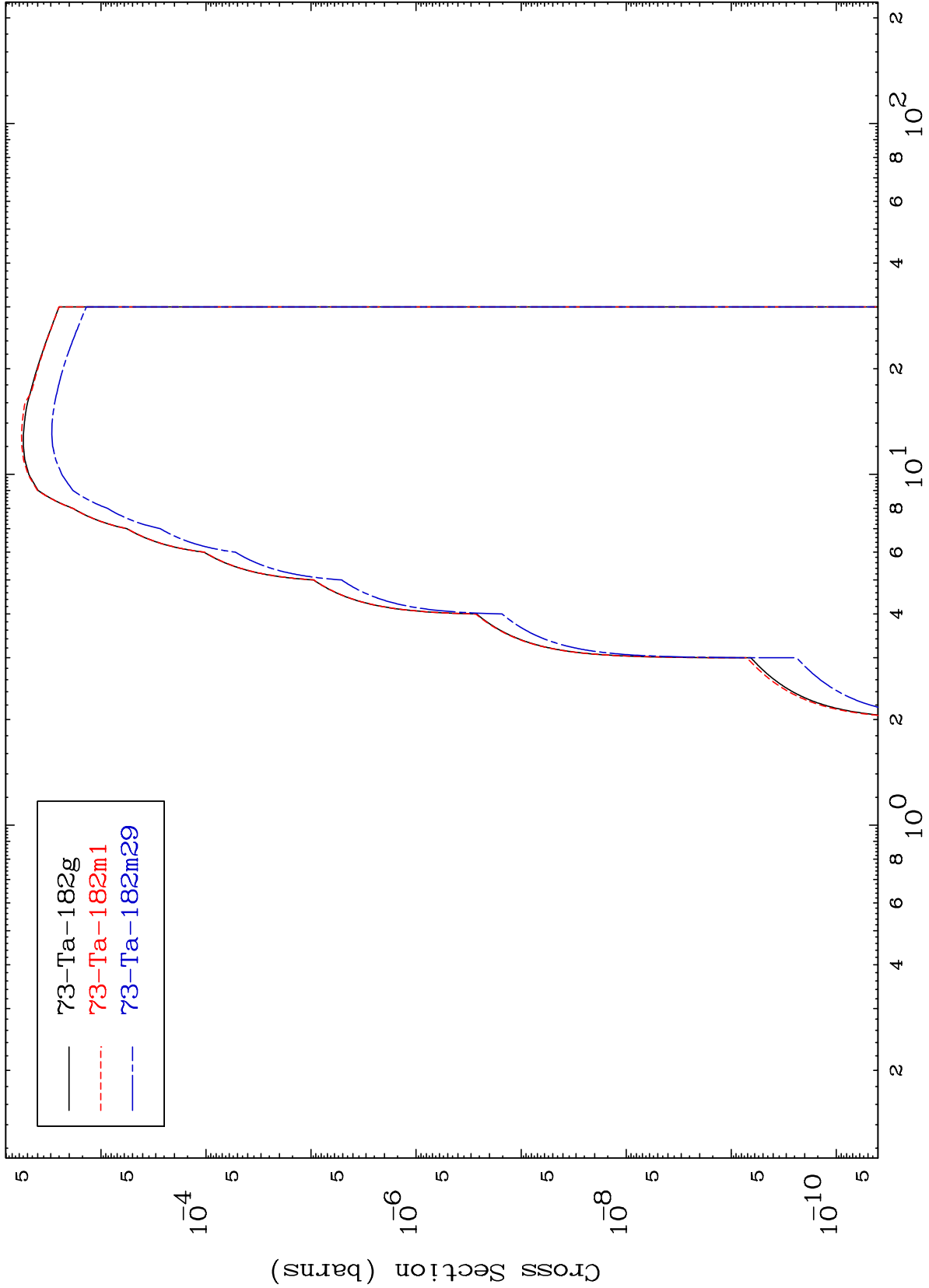
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

Inelastic
Radionuclide Production Cross Section

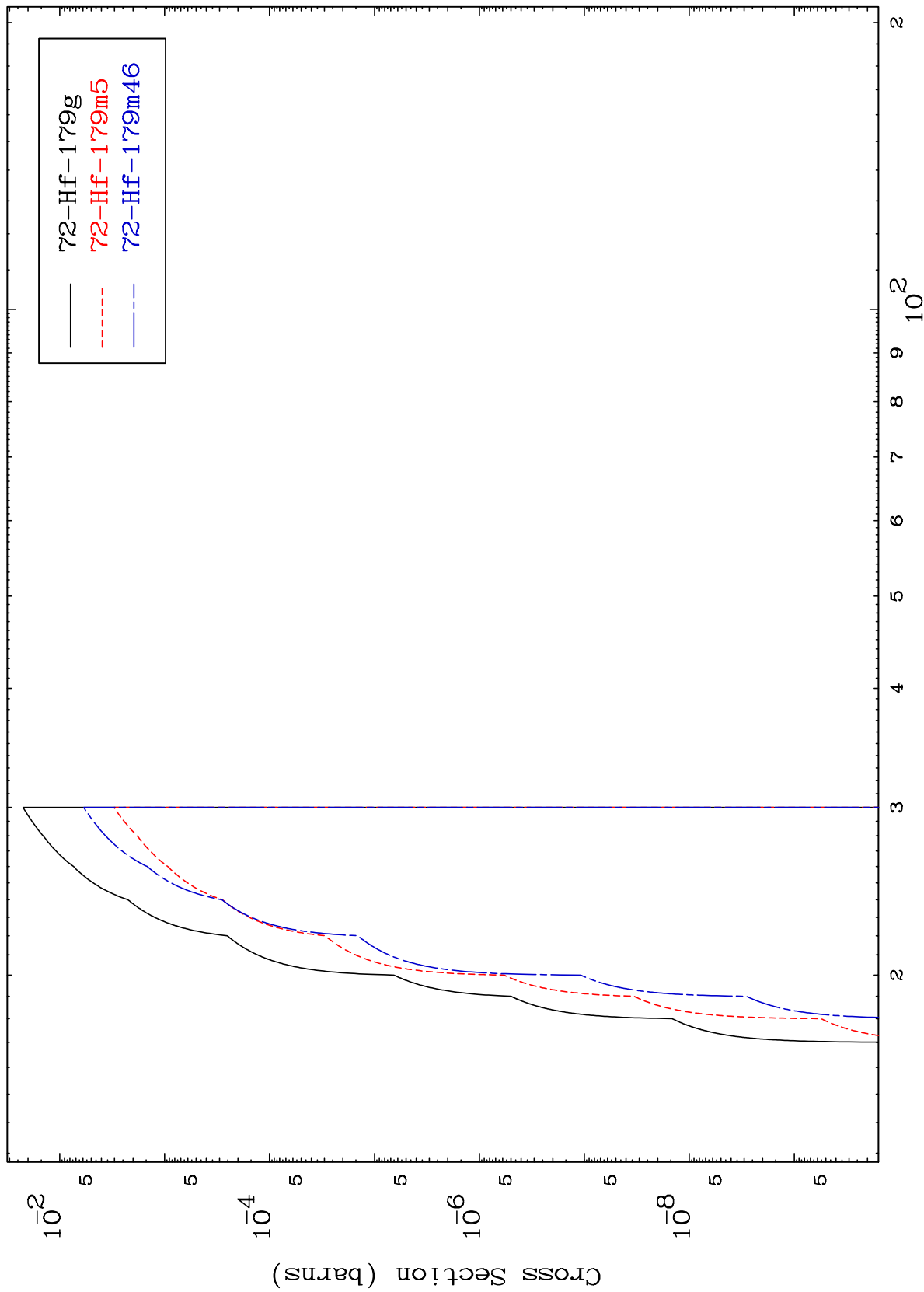


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(n,2n) d

72-Hf-181

Radionuclide Production Cross Section



14

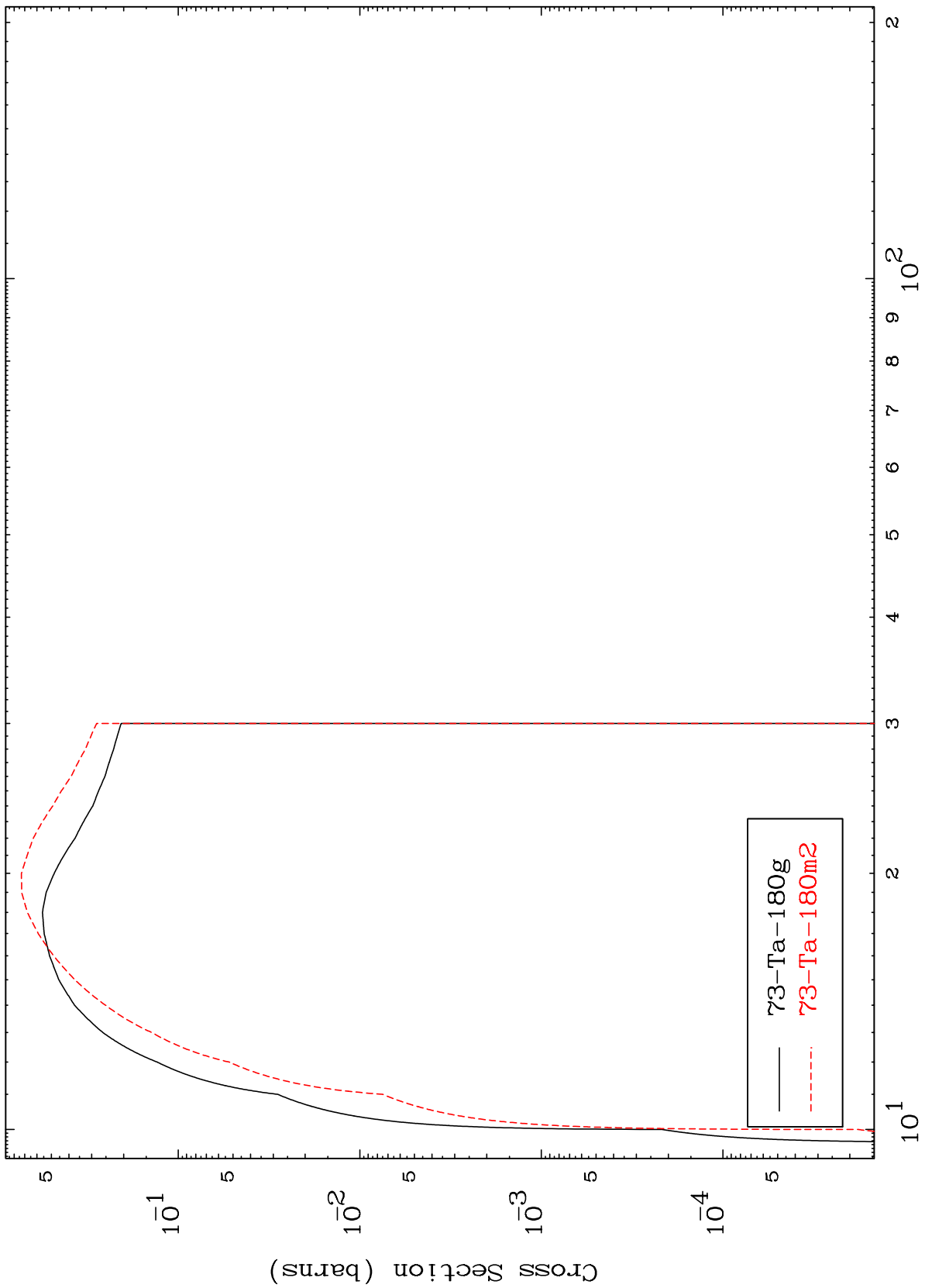
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

Radionuclide Production Cross Section



72-Hf-181

Incident Energy (MeV)

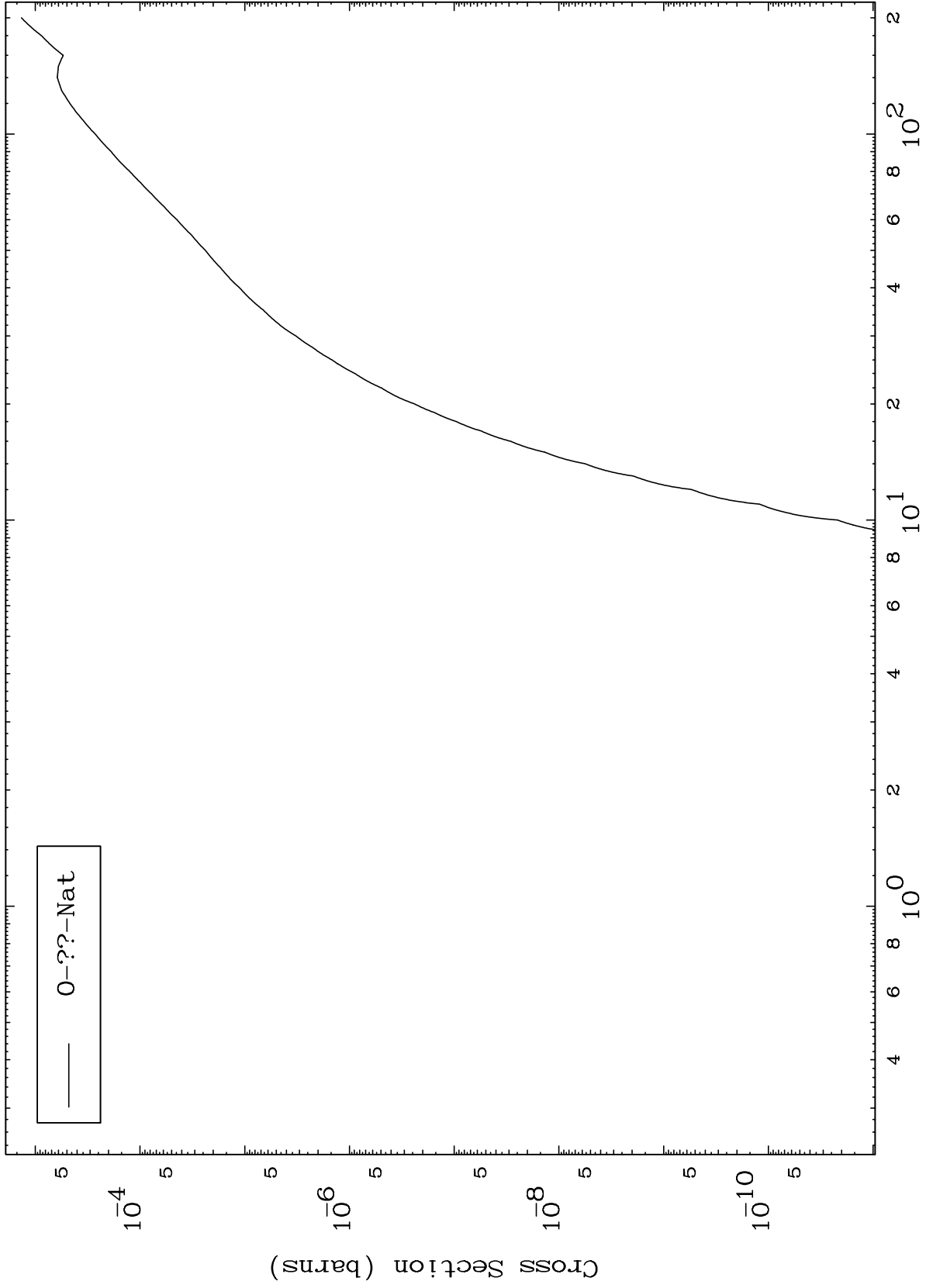
15

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Fission

72-Hf-181

Radionuclide Production Cross Section



16

Incident Energy (MeV)

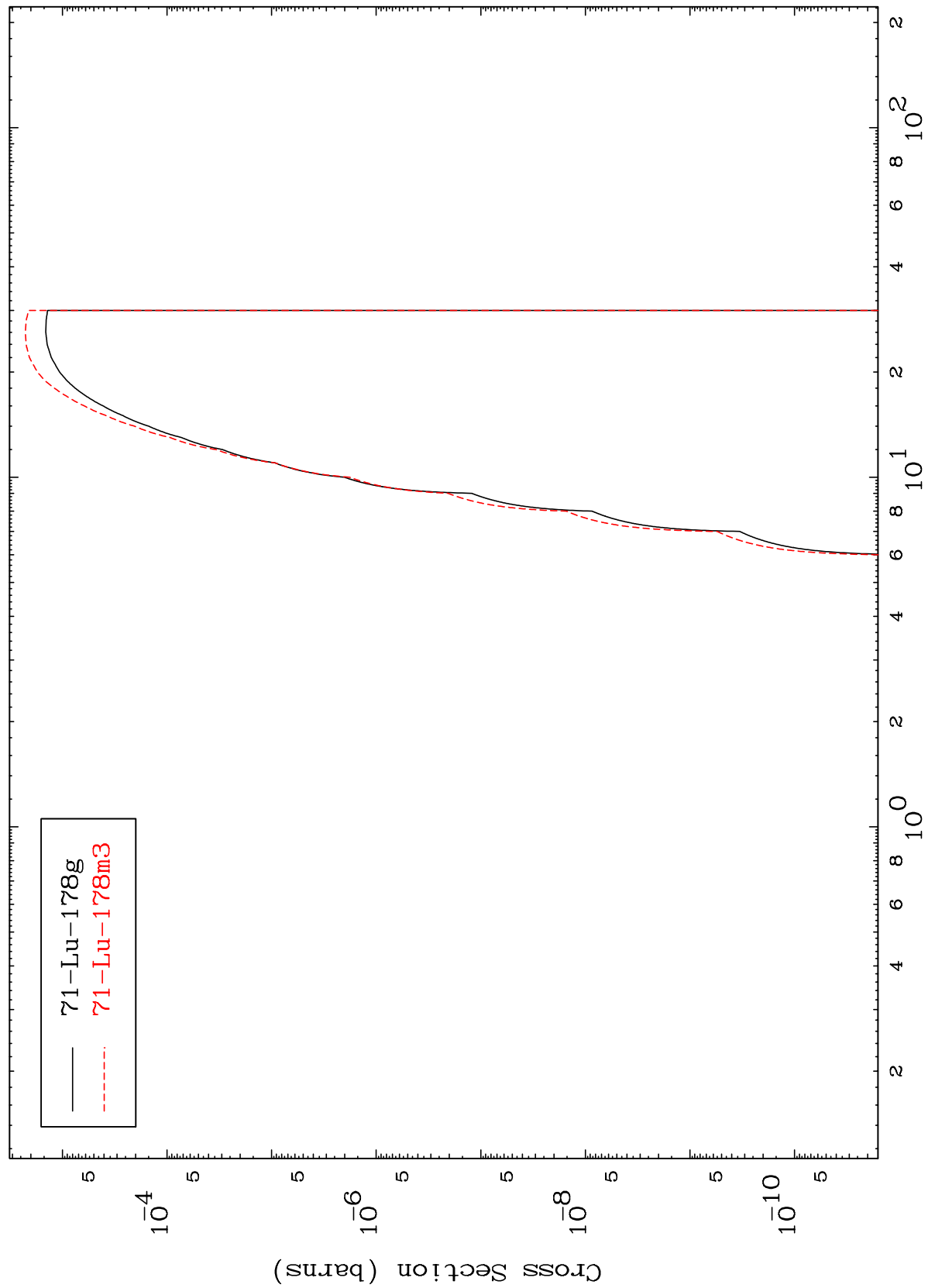
72-Hf-181

MAT 7246

$(n, n') \alpha$

72-Hf-181

Radionuclide Production Cross Section



17

Incident Energy (MeV)

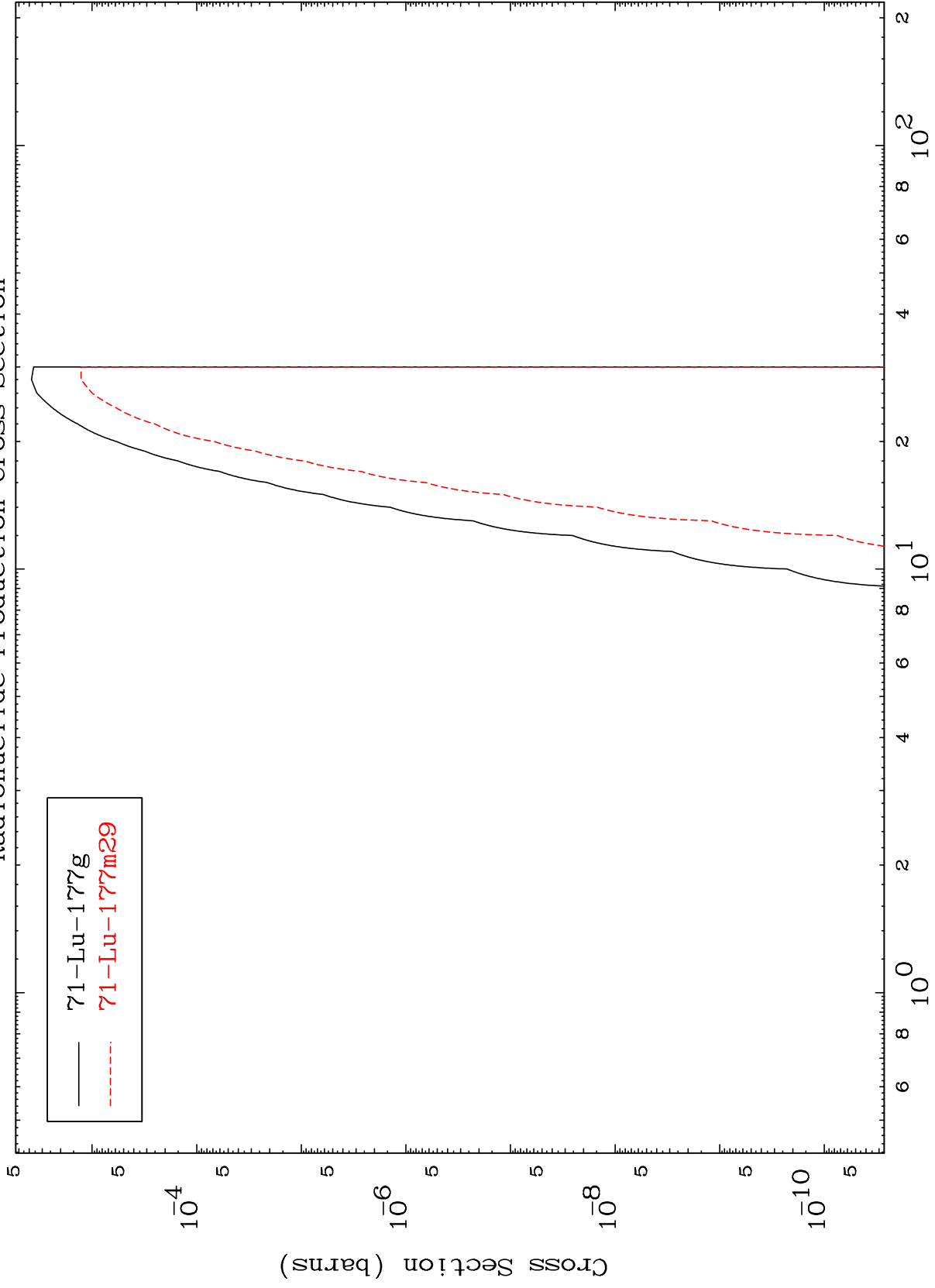
72-Hf-181

MAT 7246

(n,2n) α

72-Hf-181

Radionuclide Production Cross Section



18

Incident Energy (MeV)

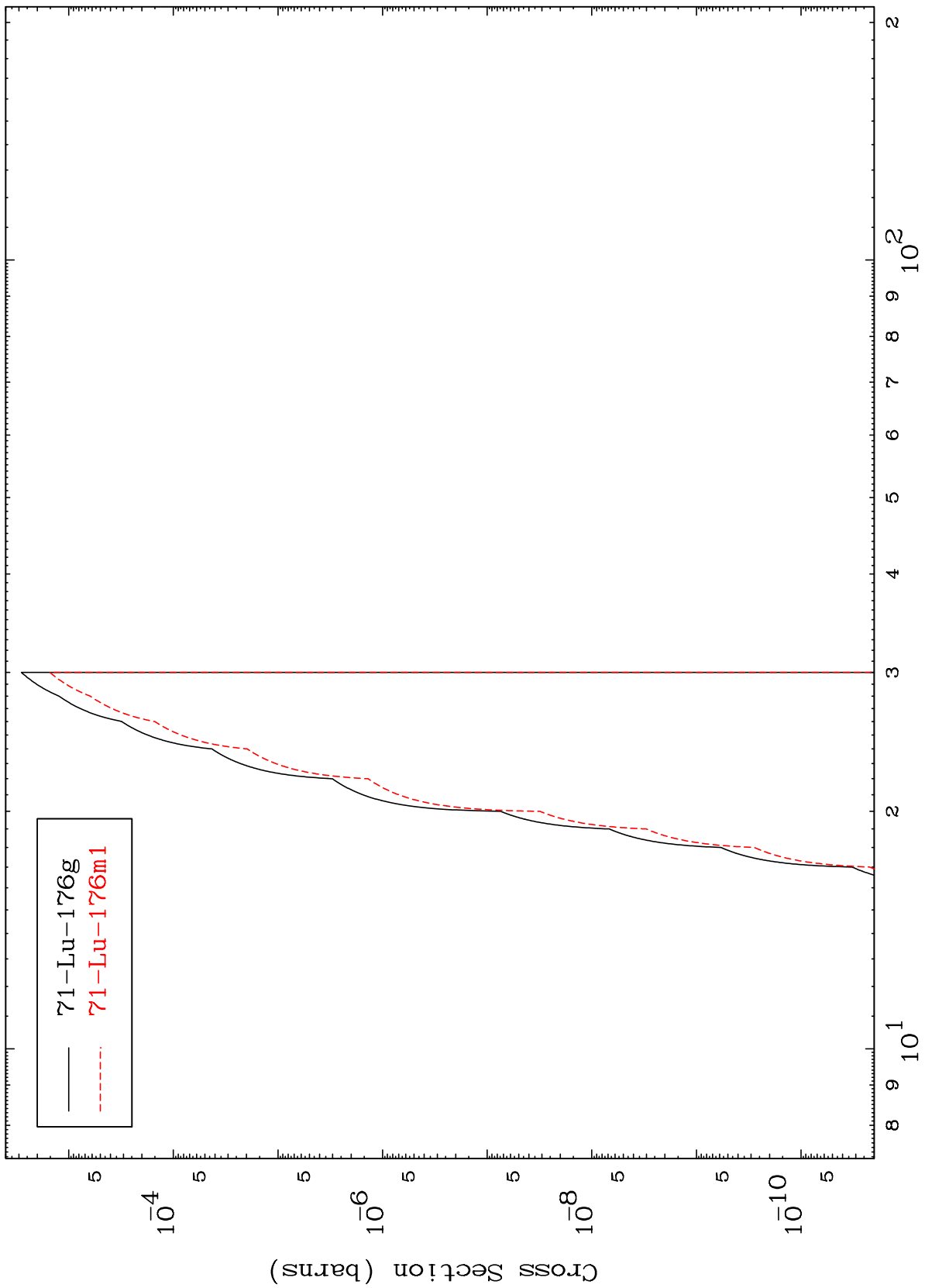
72-Hf-181

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(n,3n) α

72-Hf-181

Radionuclide Production Cross Section



19

Incident Energy (MeV)

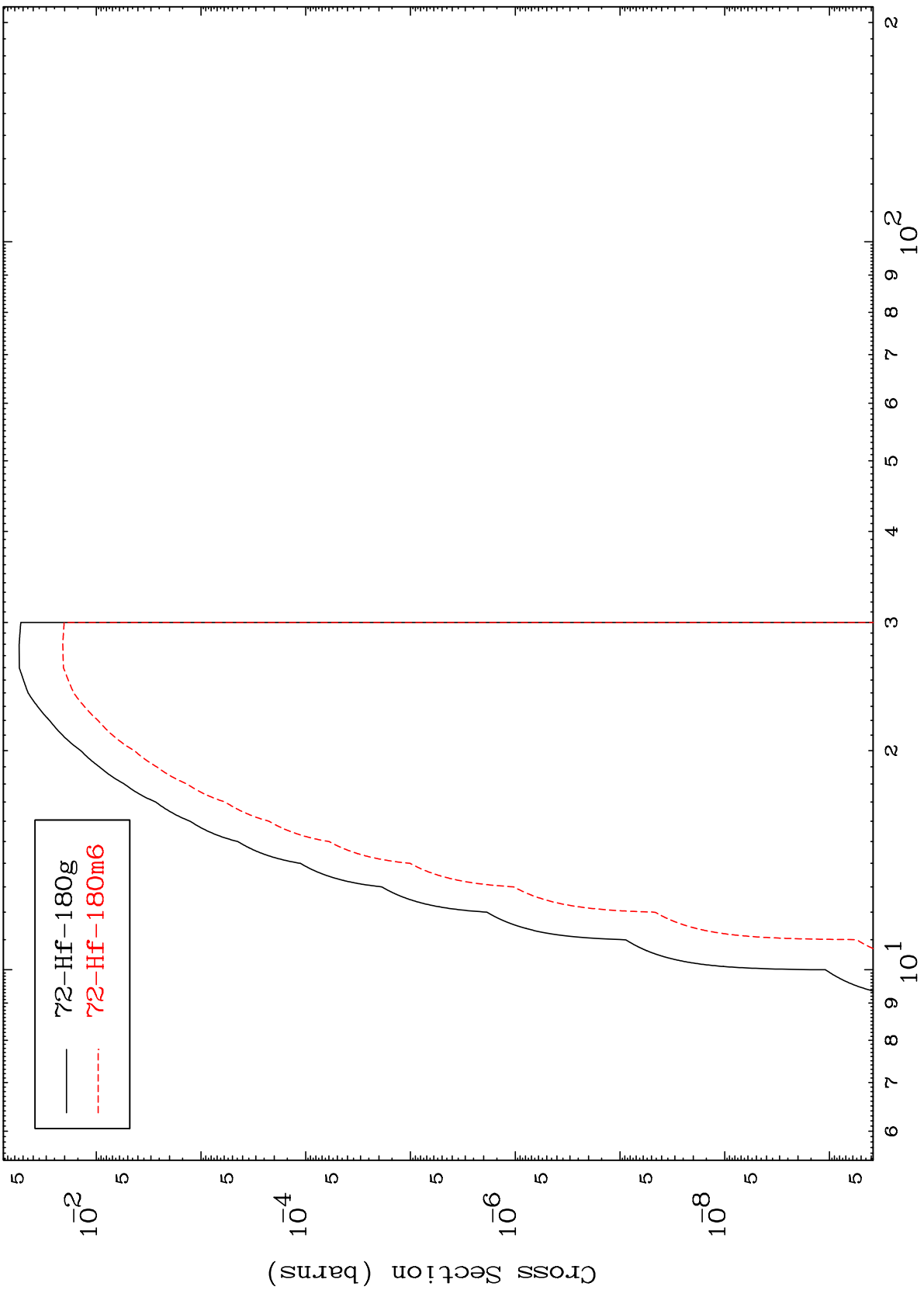
72-Hf-181

MAT 7246

(n,n') d

72-Hf-181

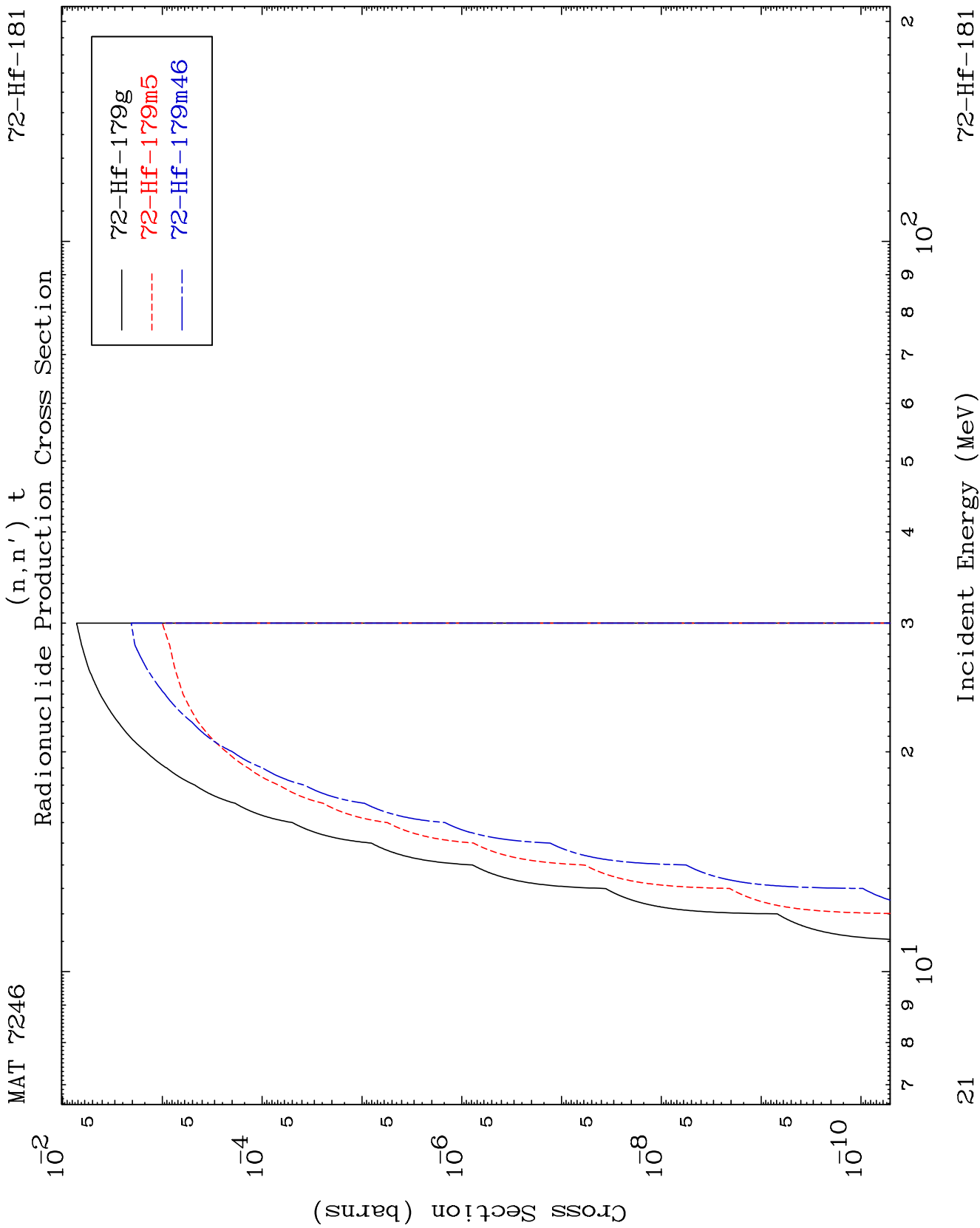
Radionuclide Production Cross Section



20

Incident Energy (MeV)

72-Hf-181

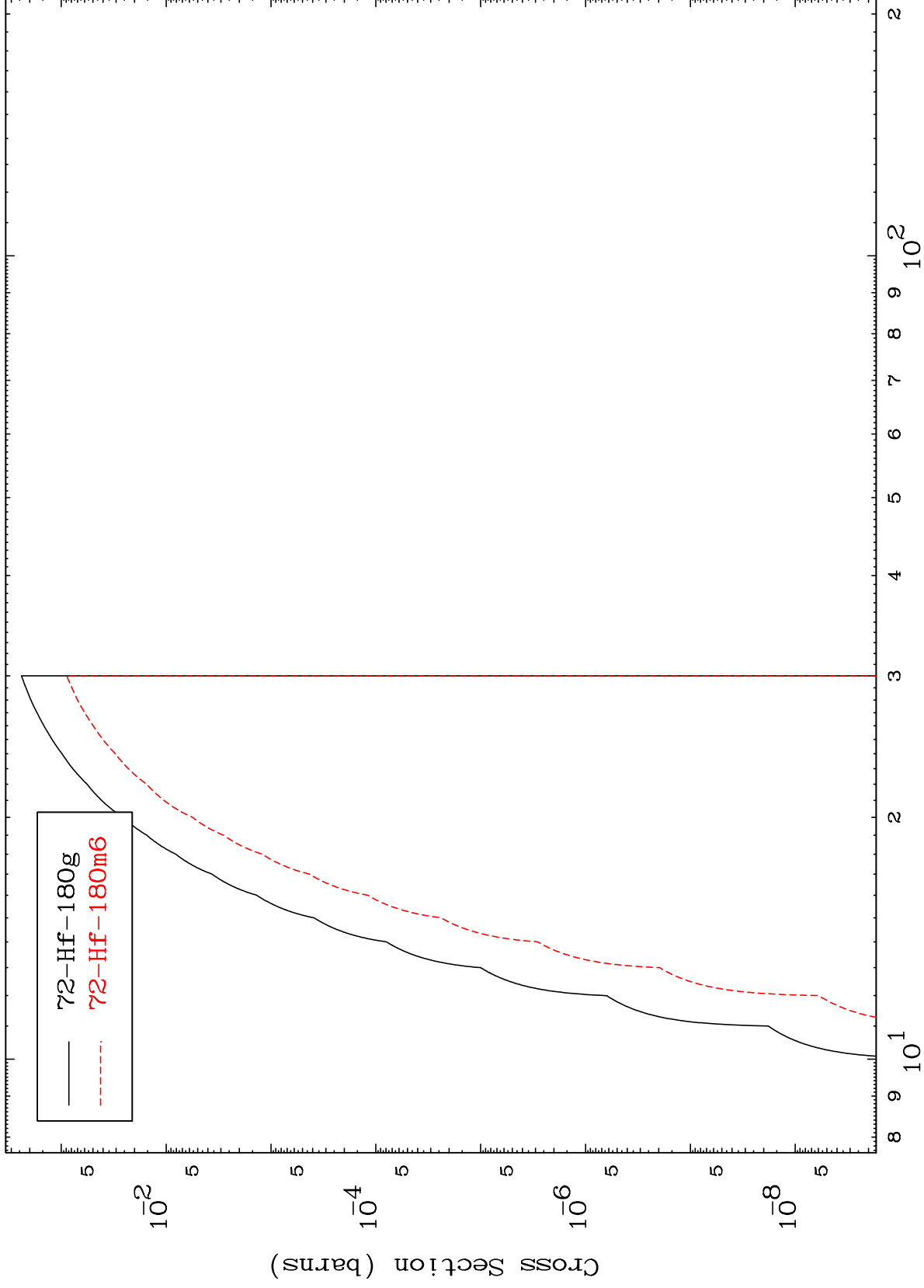


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(n,2n) p

72-Hf-181

Radionuclide Production Cross Section



22

Incident Energy (MeV)

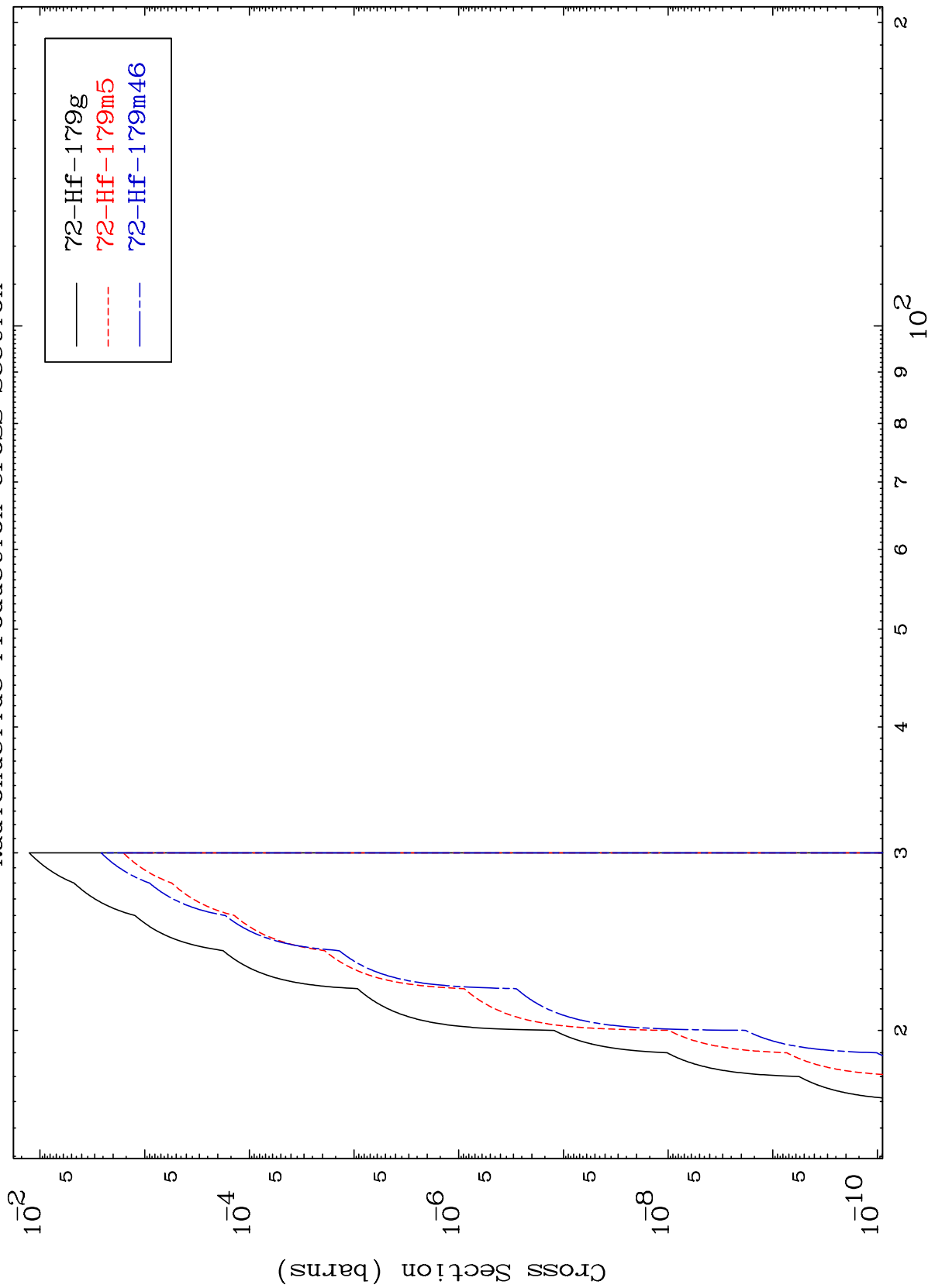
72-Hf-181

MAT 7246

(n,3n) p

72-Hf-181

Radionuclide Production Cross Section



23

Incident Energy (MeV)

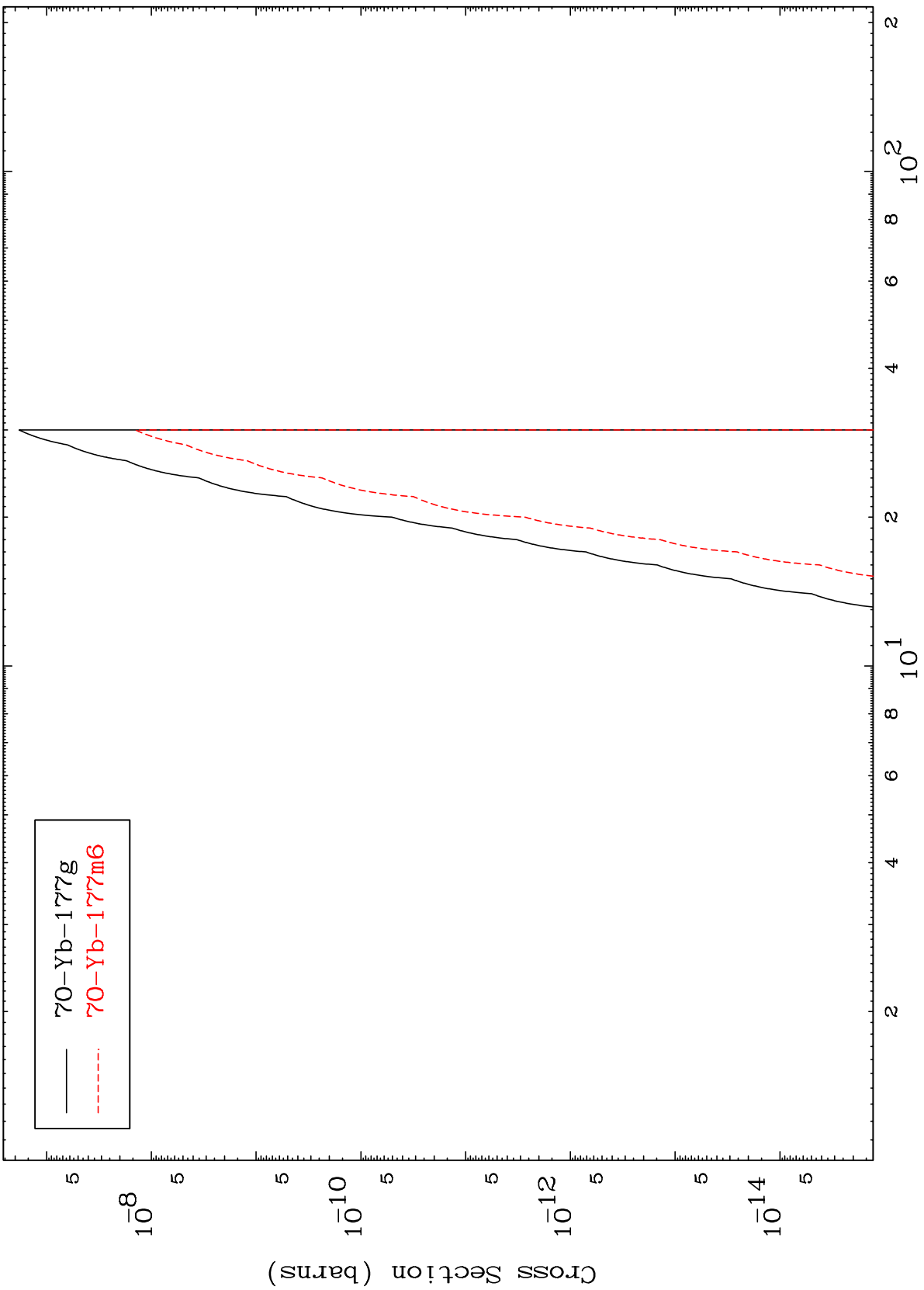
72-Hf-181

MAT 7246

(n,n') p α

72-Hf-181

Radionuclide Production Cross Section



24

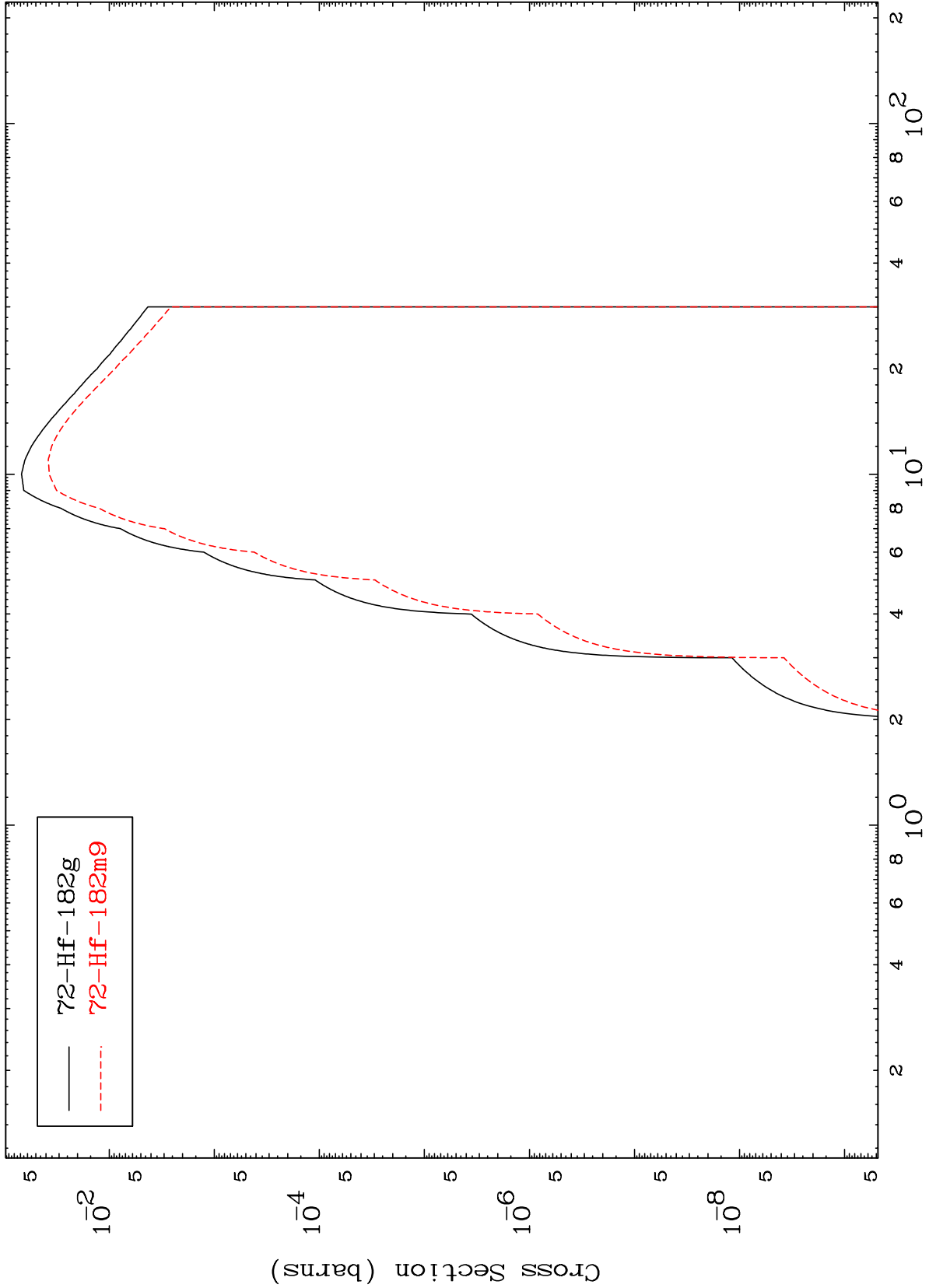
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

(n,p)
Radionuclide Production Cross Section



— 72-Hf-182g
- - - 72-Hf-182m9

25

72-Hf-181

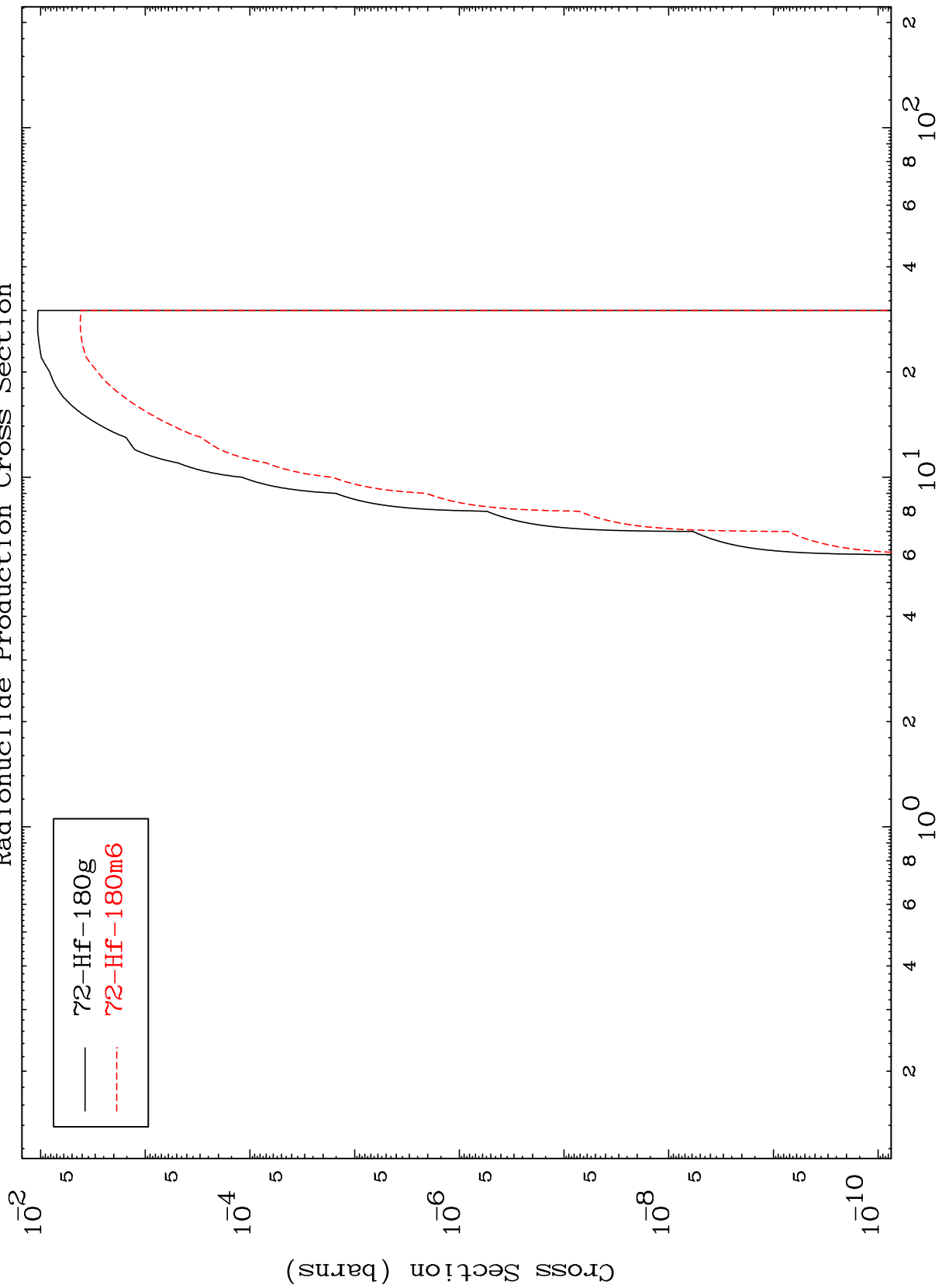
Incident Energy (MeV)

MAT 7246

(n, t)

72-Hf-181

Radionuclide Production Cross Section

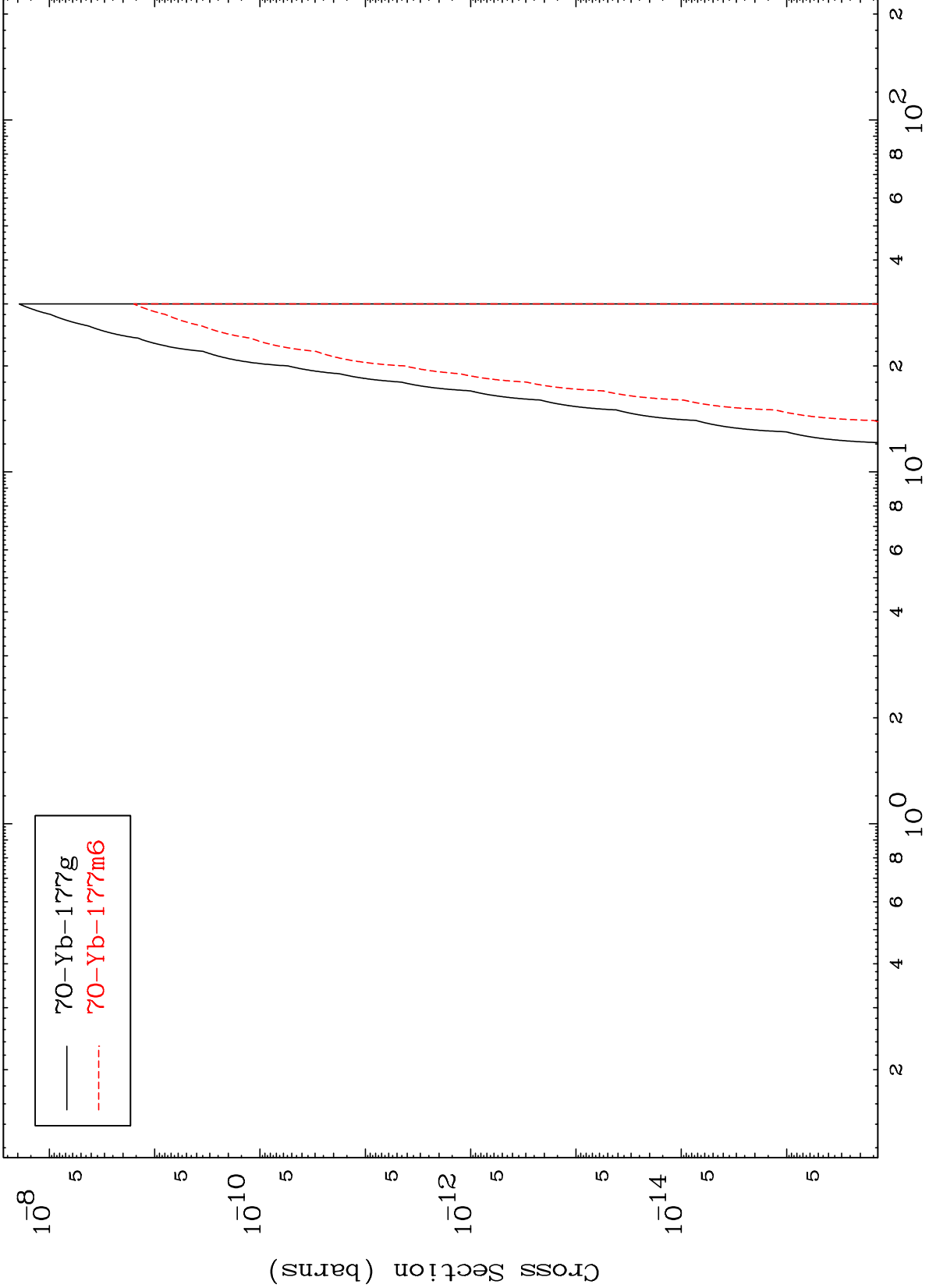


MAT 7246

(n,d) α

72-Hf-181

Radionuclide Production Cross Section



70-Yb-177g
70-Yb-177m6