

Program EVALPLOT
(Version 2021-1)

by

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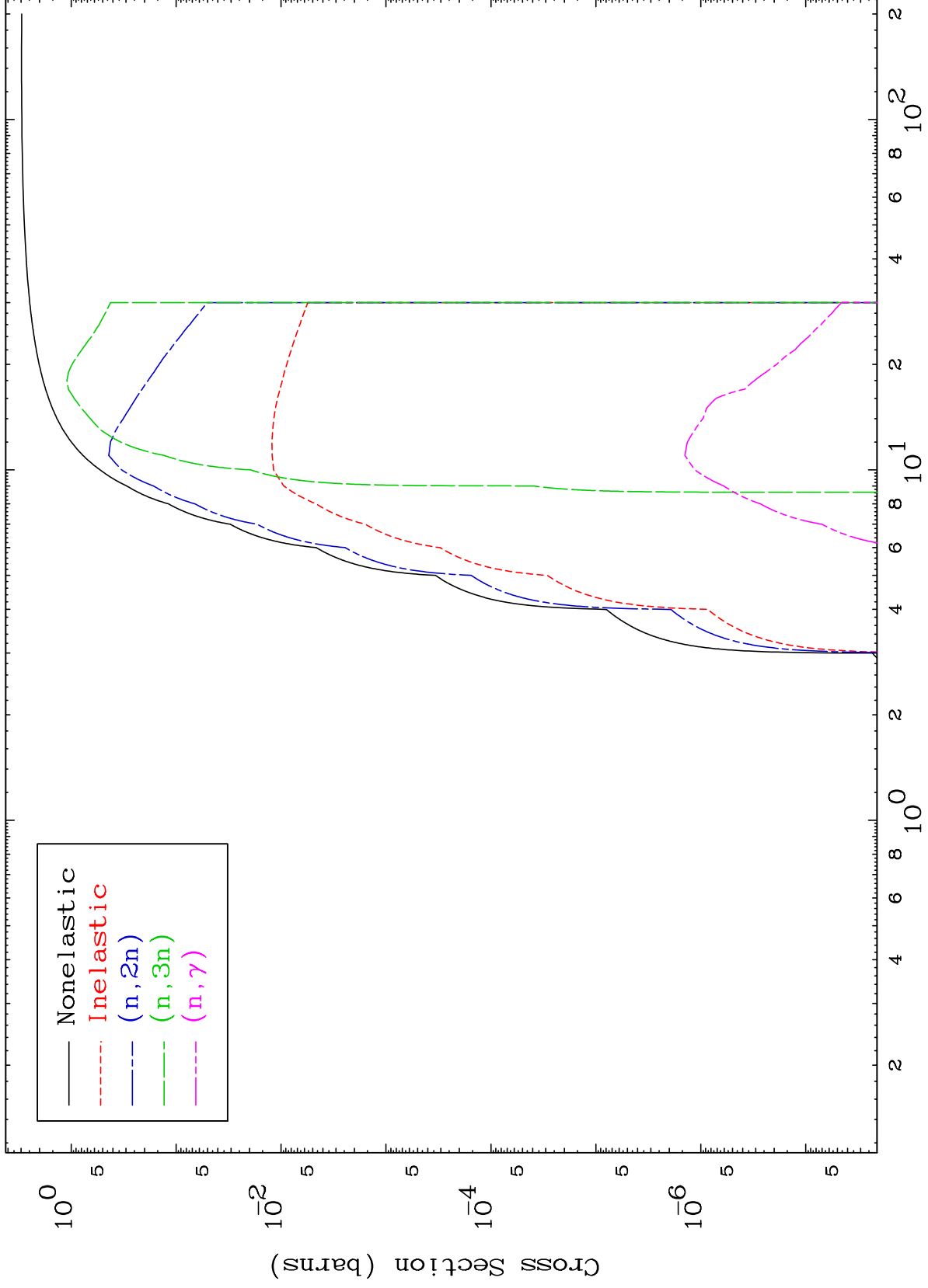
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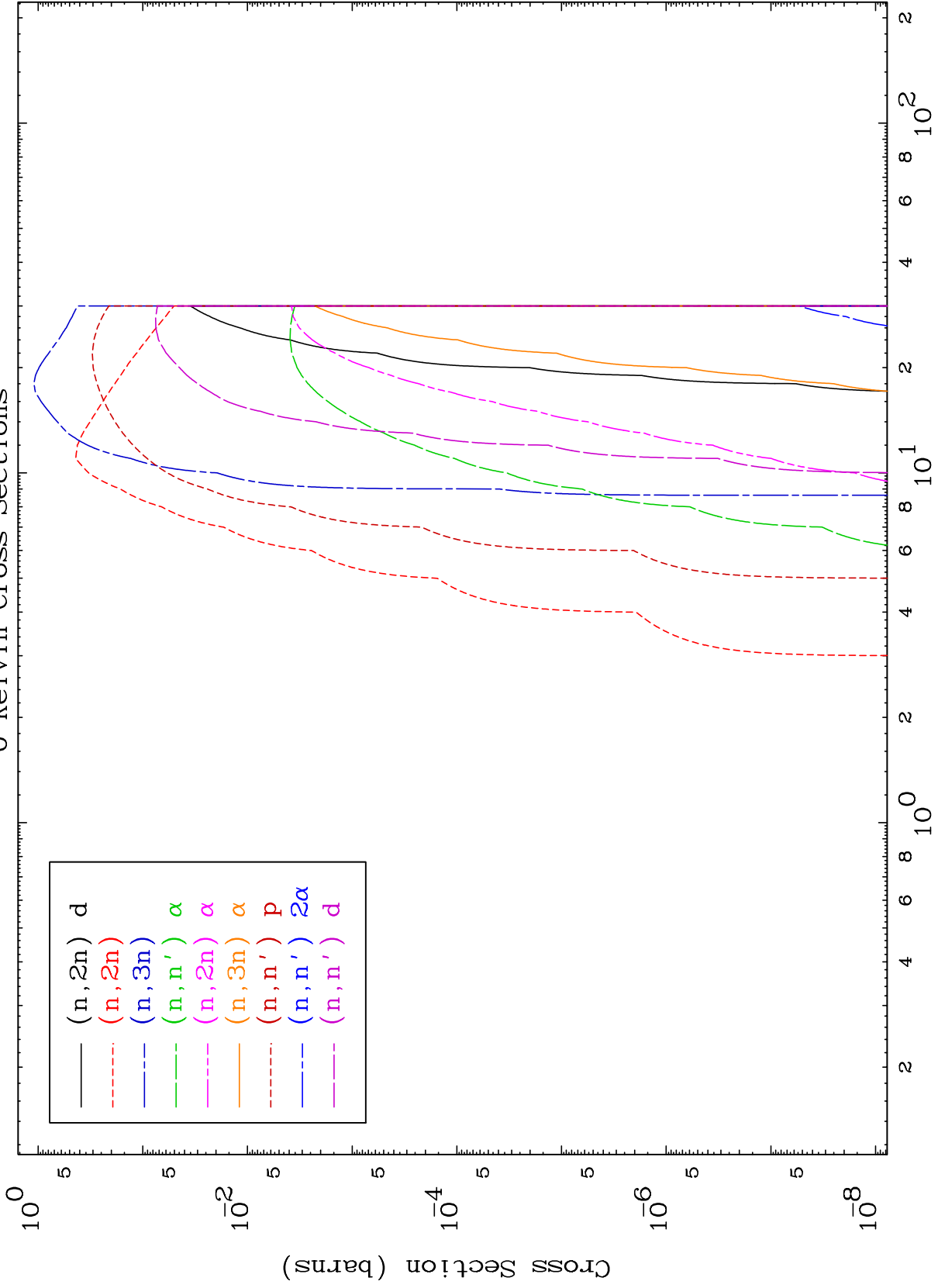
Press Mouse Button to Start

MAT 7134

Deuteron Major
0 Kelvin Cross Sections

71-Lu-178

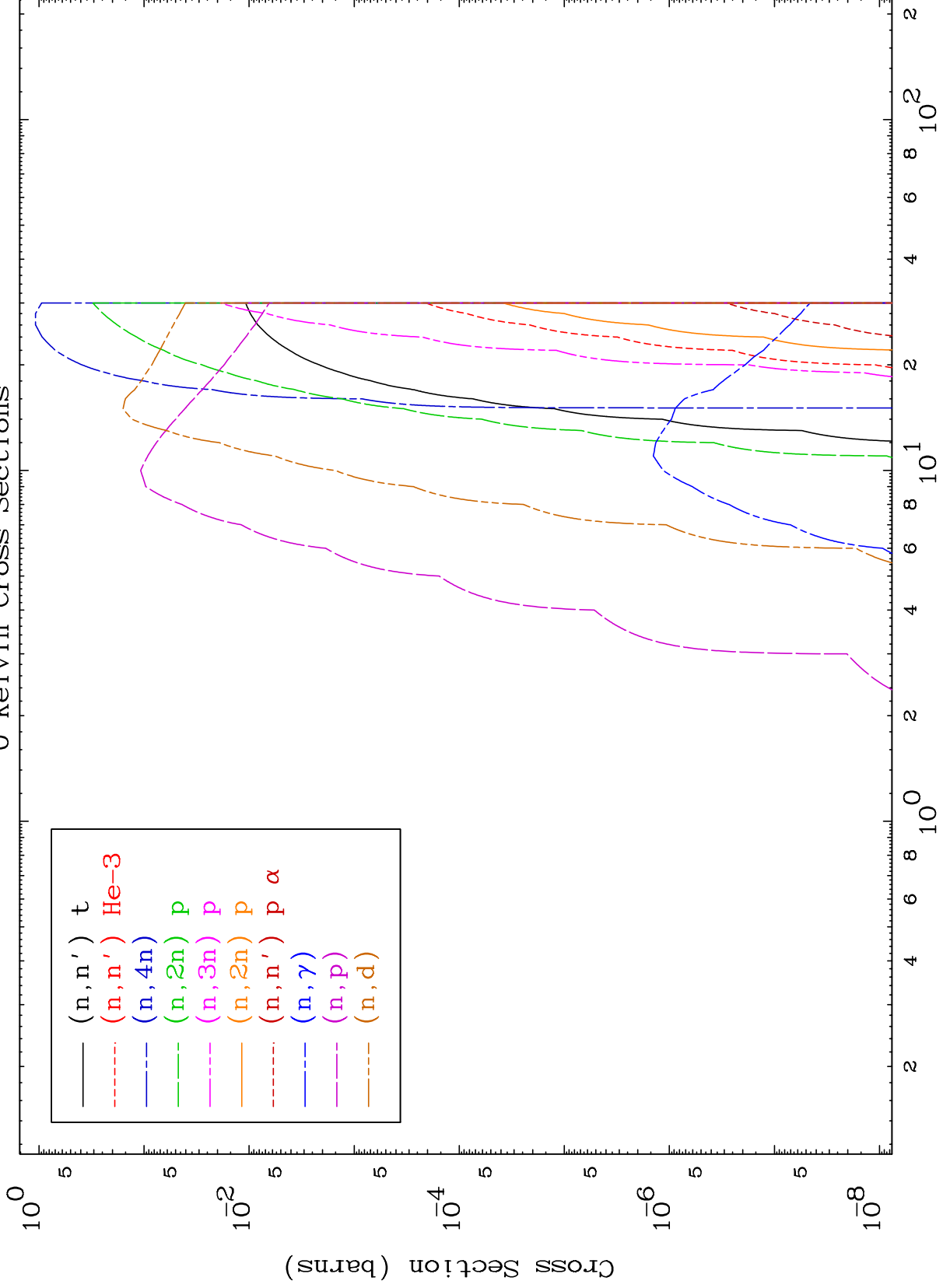




MAT 7134

Deuteron Neutron Absorption
0 Kelvin Cross Sections

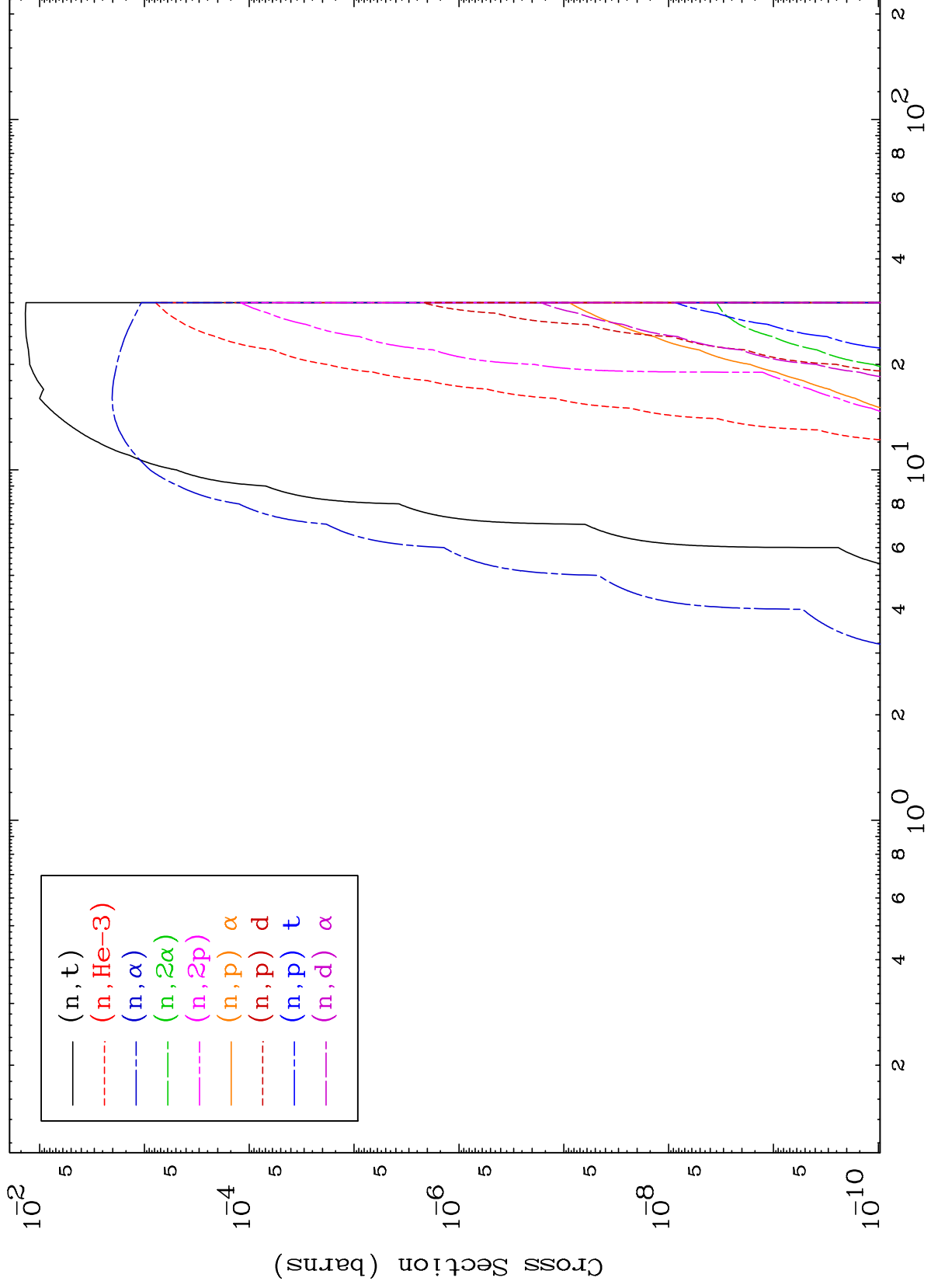
71-Lu-178



MAT 7134

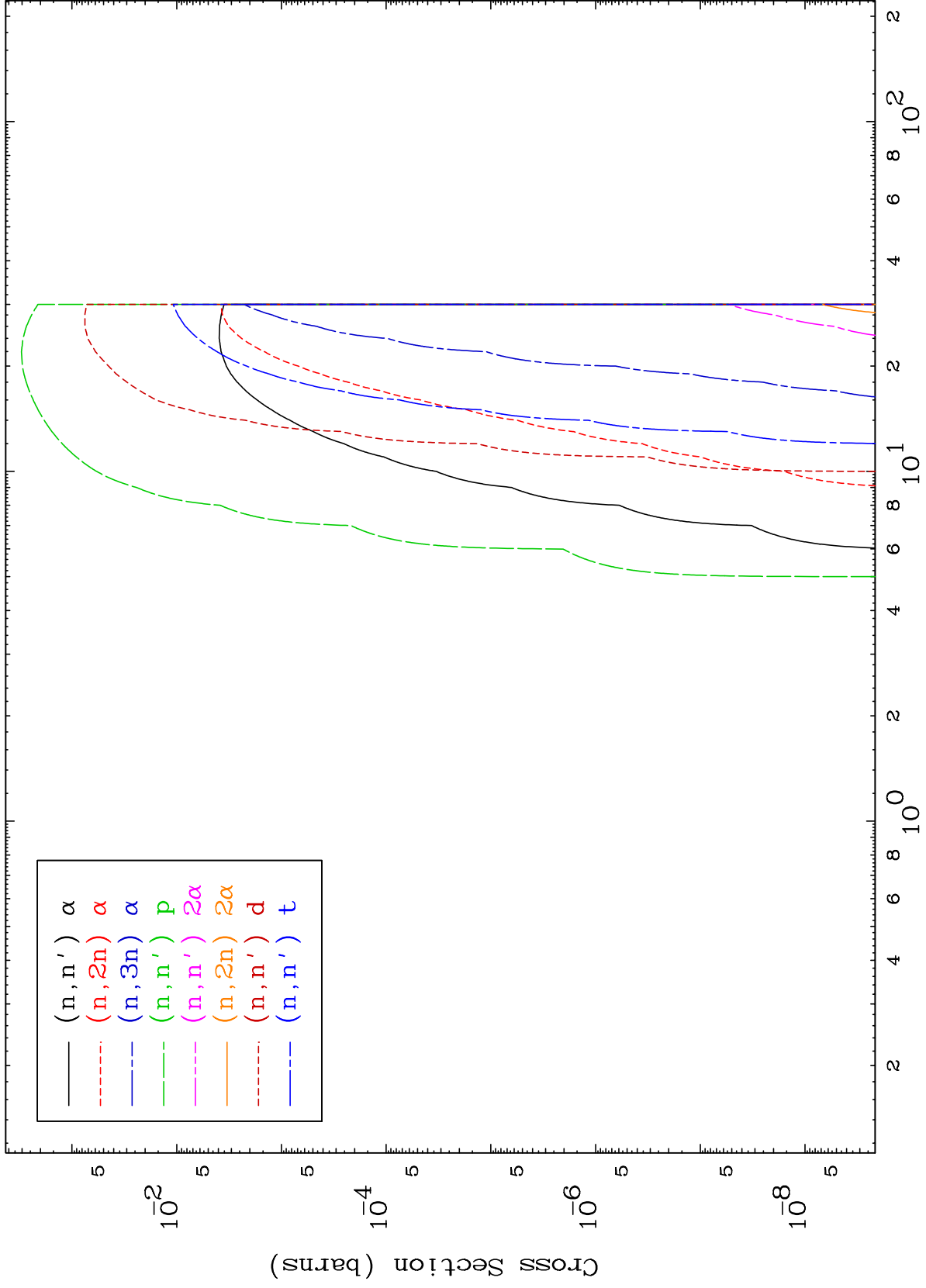
Deuteron Neutron Absorption
0 Kelvin Cross Sections

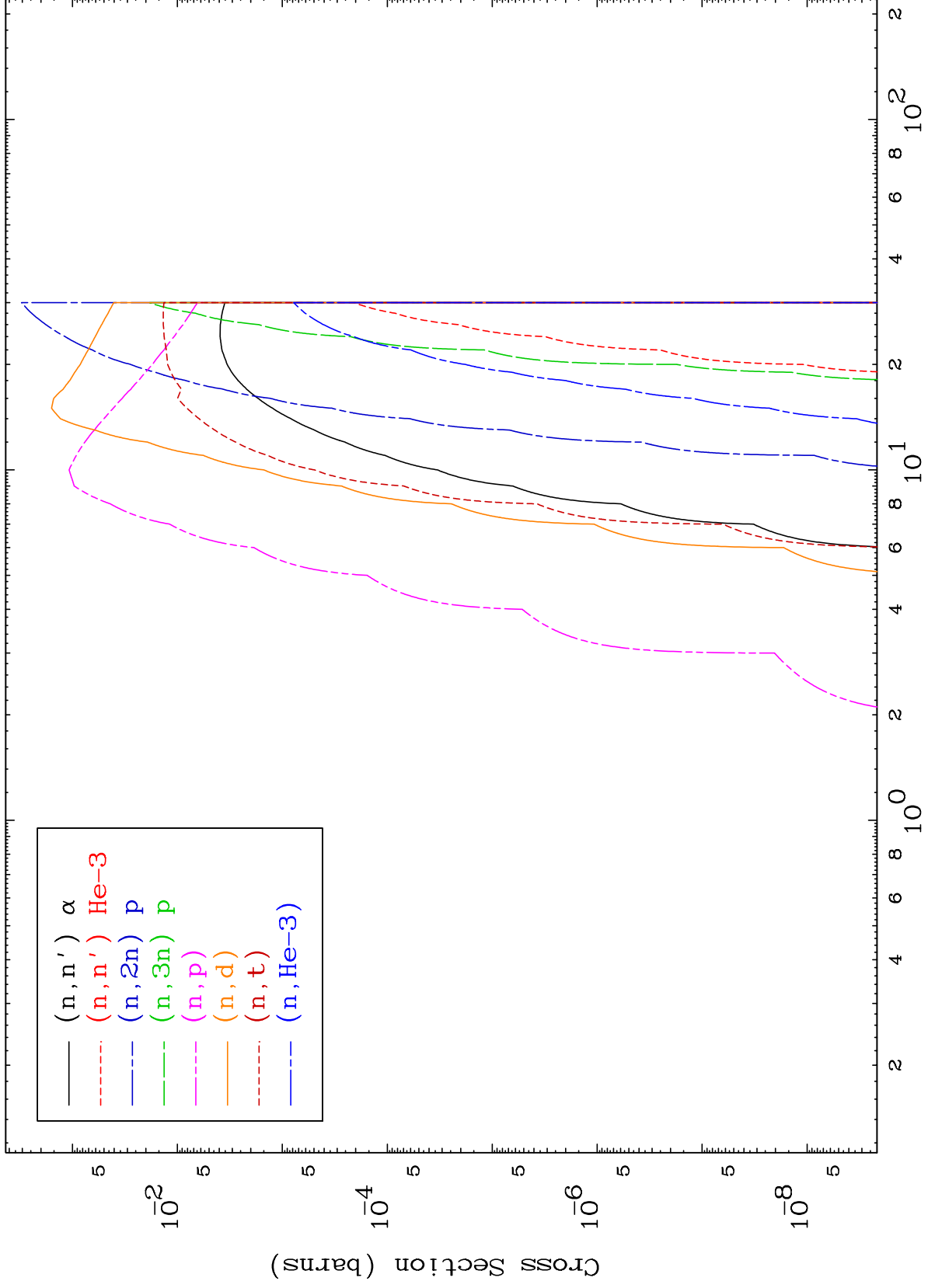
71-Lu-178



Incident Energy (MeV)

71-Lu-178

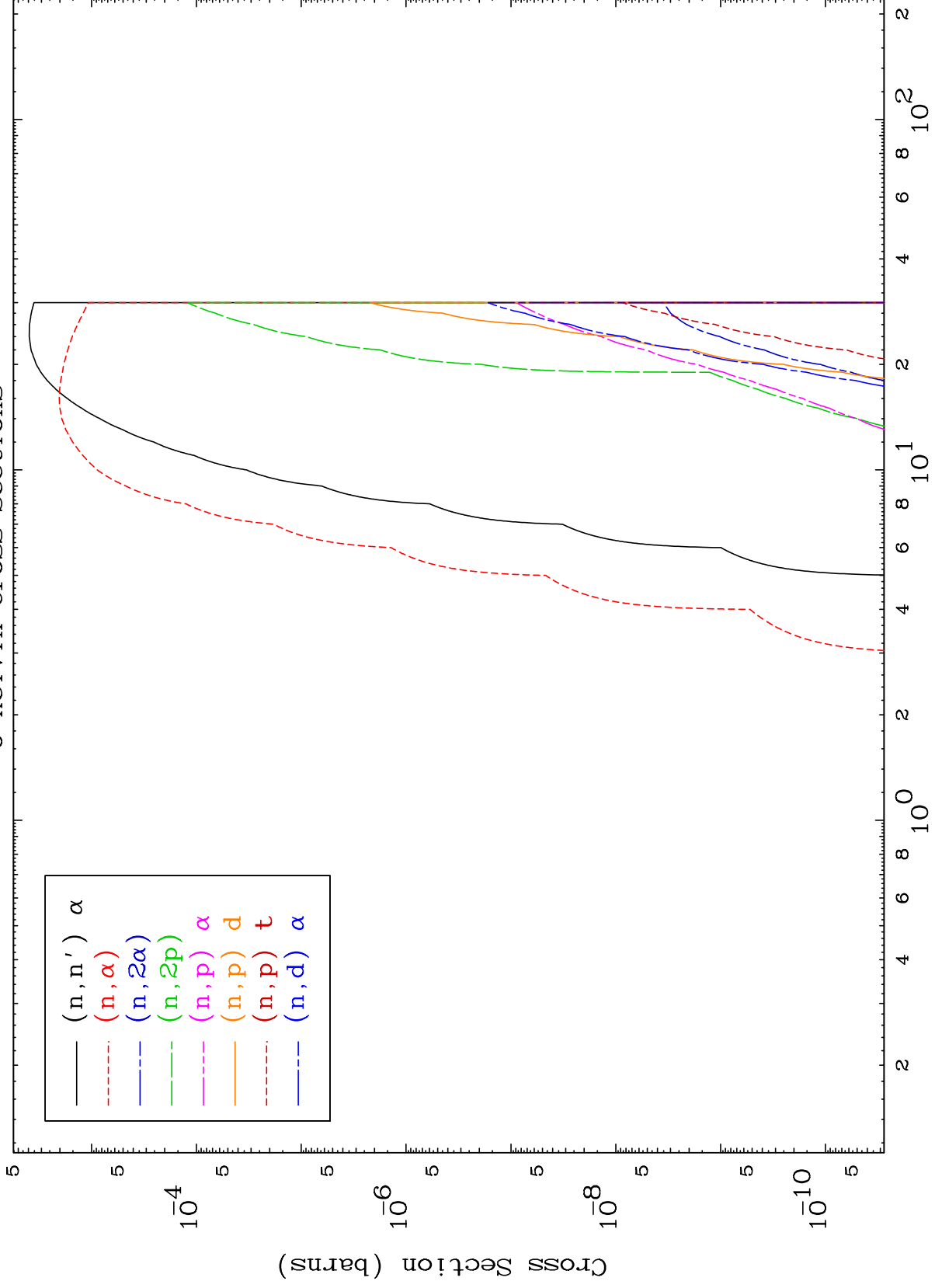




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Deuteron Charged Particle
0 Kelvin Cross Sections

71-Lu-178

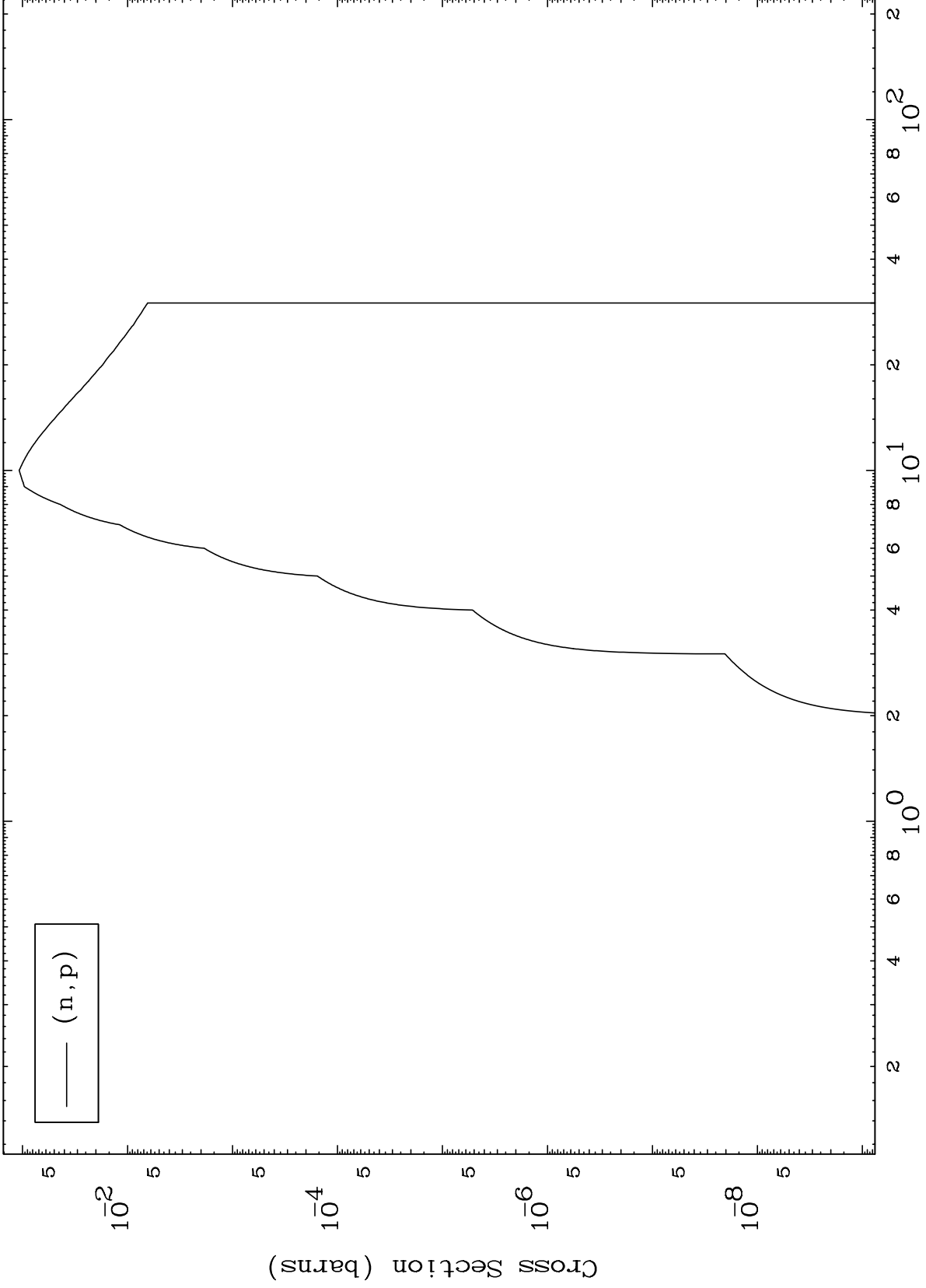


MAT 7134

(d,p) Levels

71-Lu-178

0 Kelvin Cross Sections

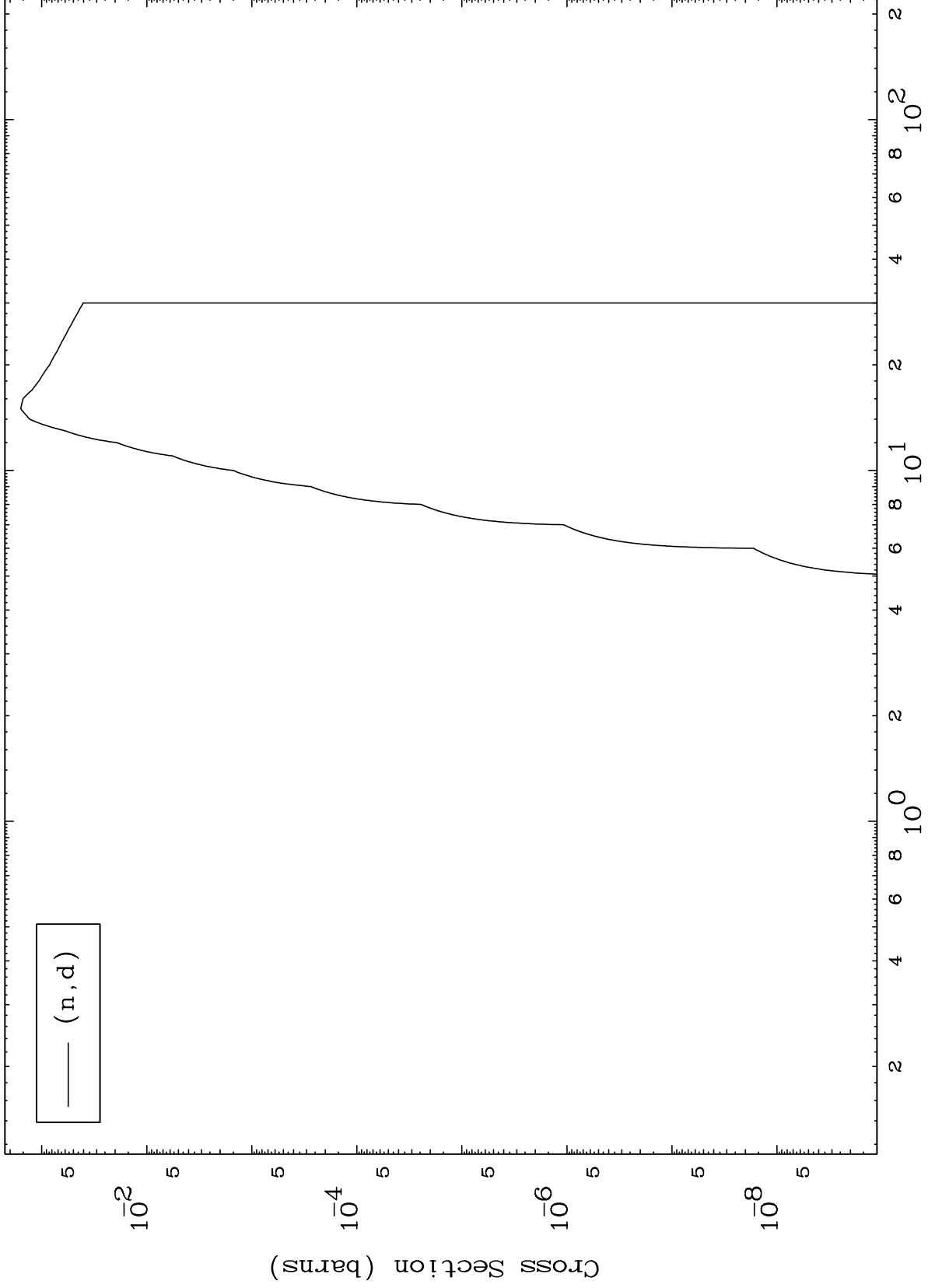


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(d,d) Levels

⁷¹Lu-178

0 Kelvin Cross Sections

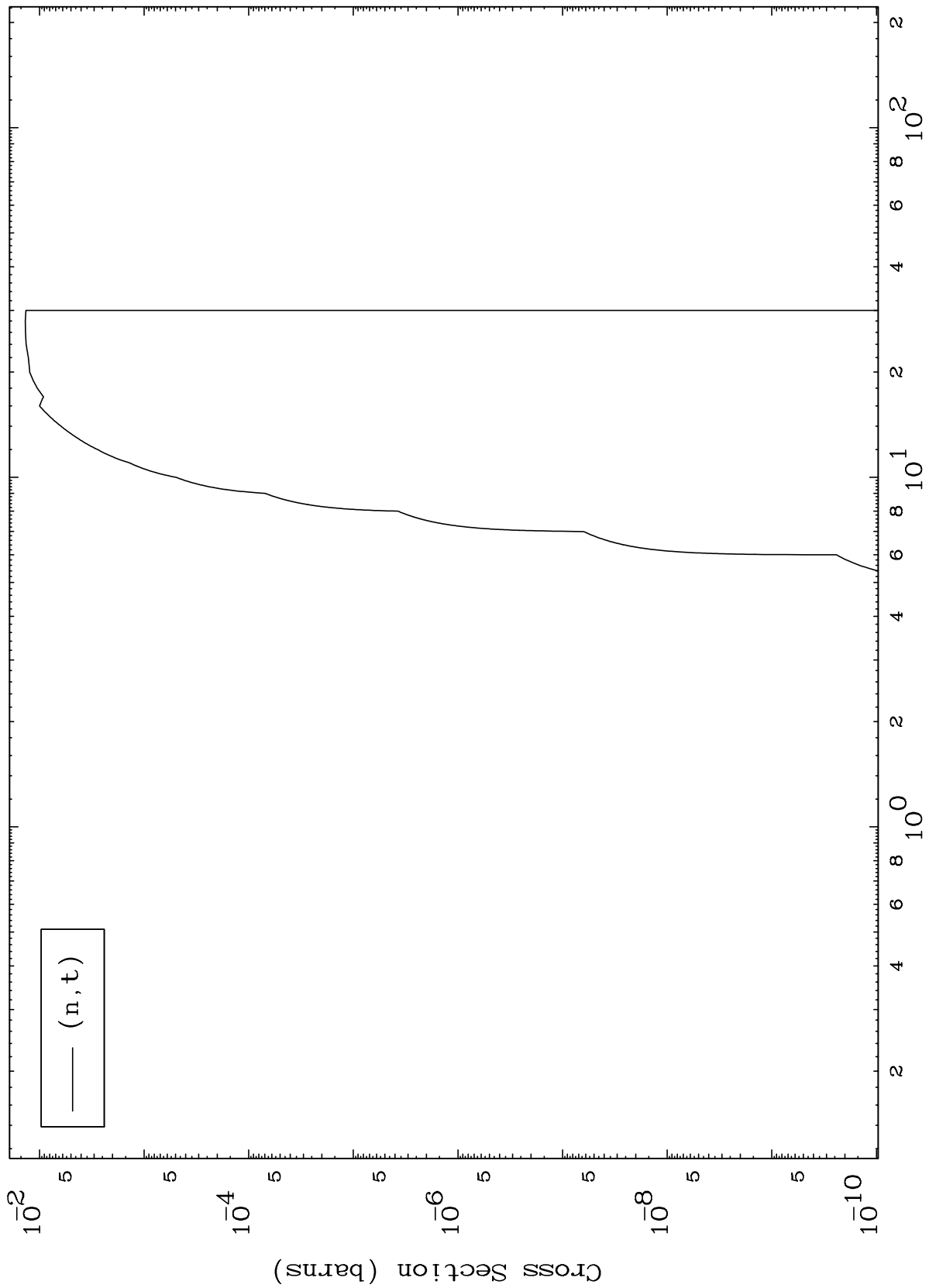


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(d,t) Levels

71-Lu-178

0 Kelvin Cross Sections



10

Incident Energy (MeV)

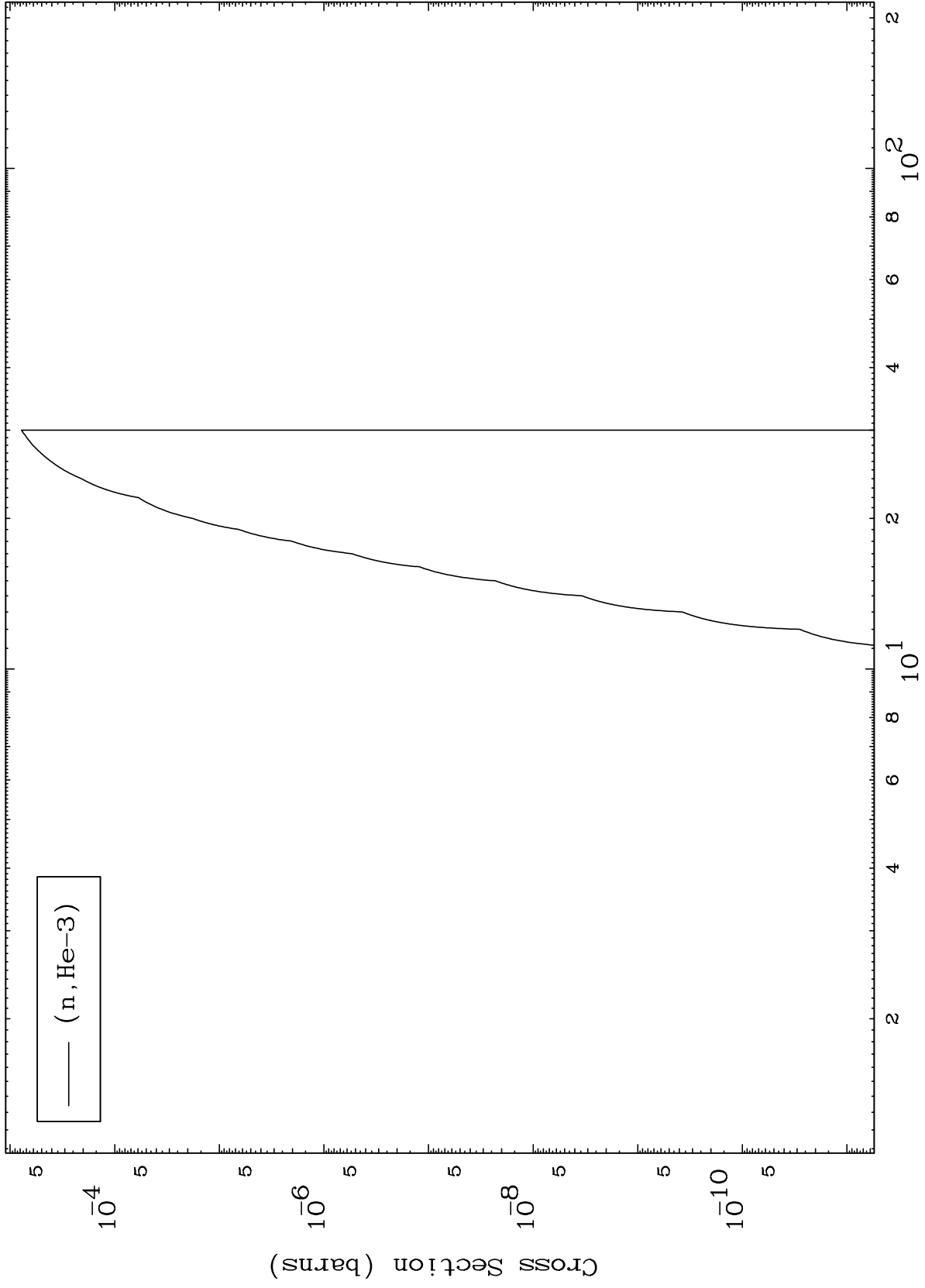
71-Lu-178

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(d,He3) Levels

71-Lu-178

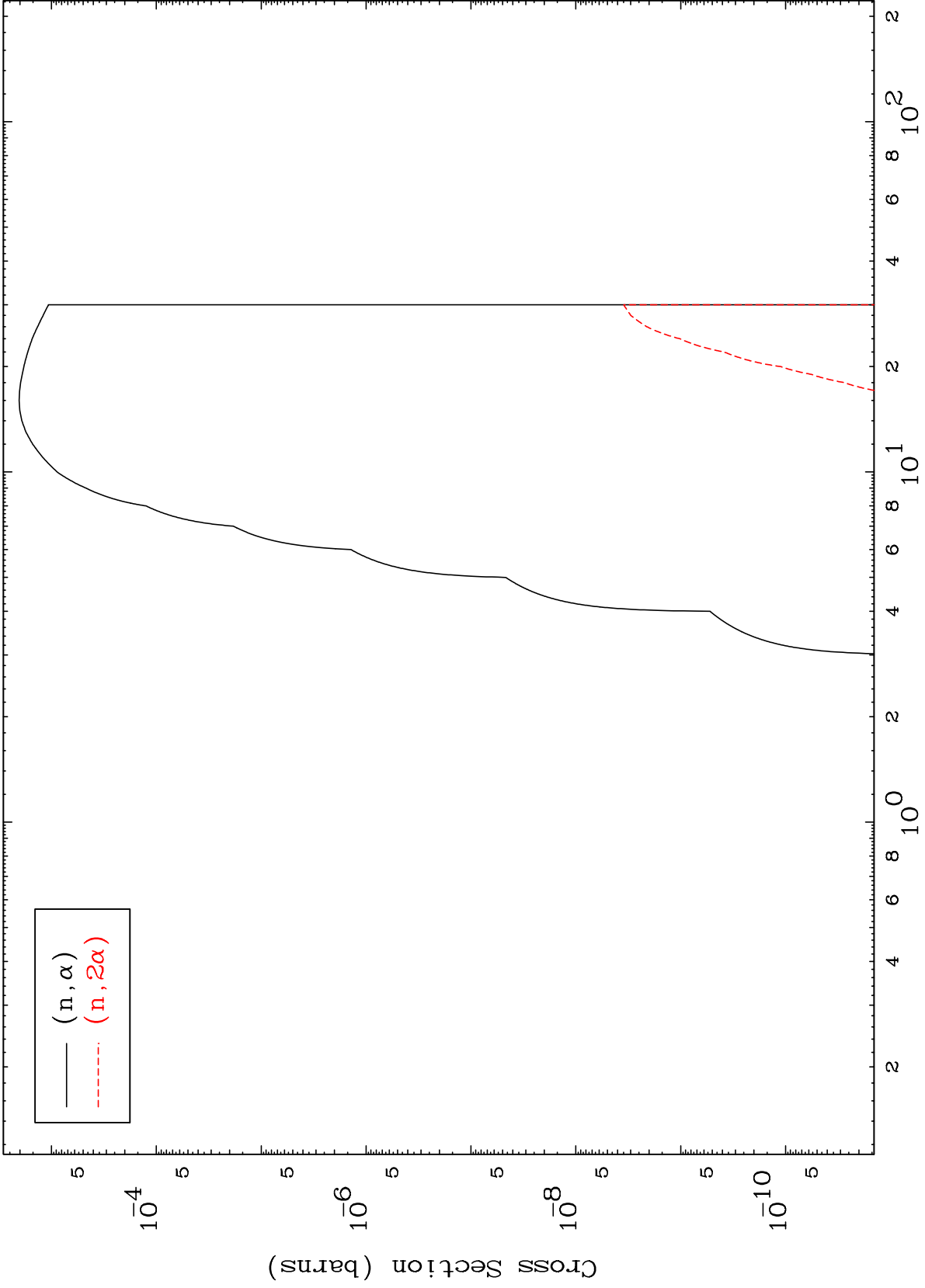
0 Kelvin Cross Sections



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(d, α) Levels
0 Kelvin Cross Sections

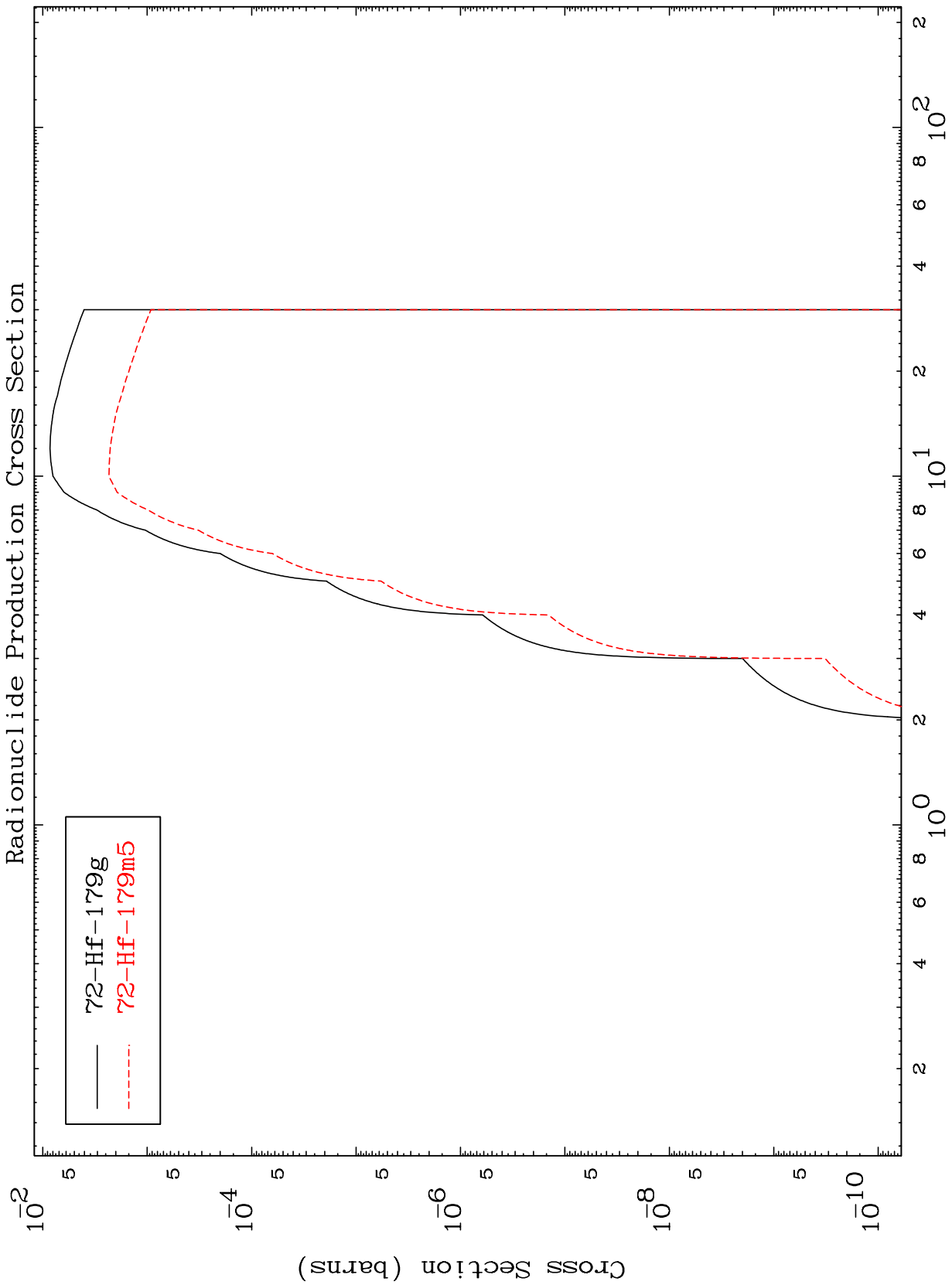
71-Lu-178



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71-Lu-178

Inelastic
Radionuclide Production Cross Section



— 72-Hf-179g
- - - 72-Hf-179m5

71-Lu-178

Incident Energy (MeV)

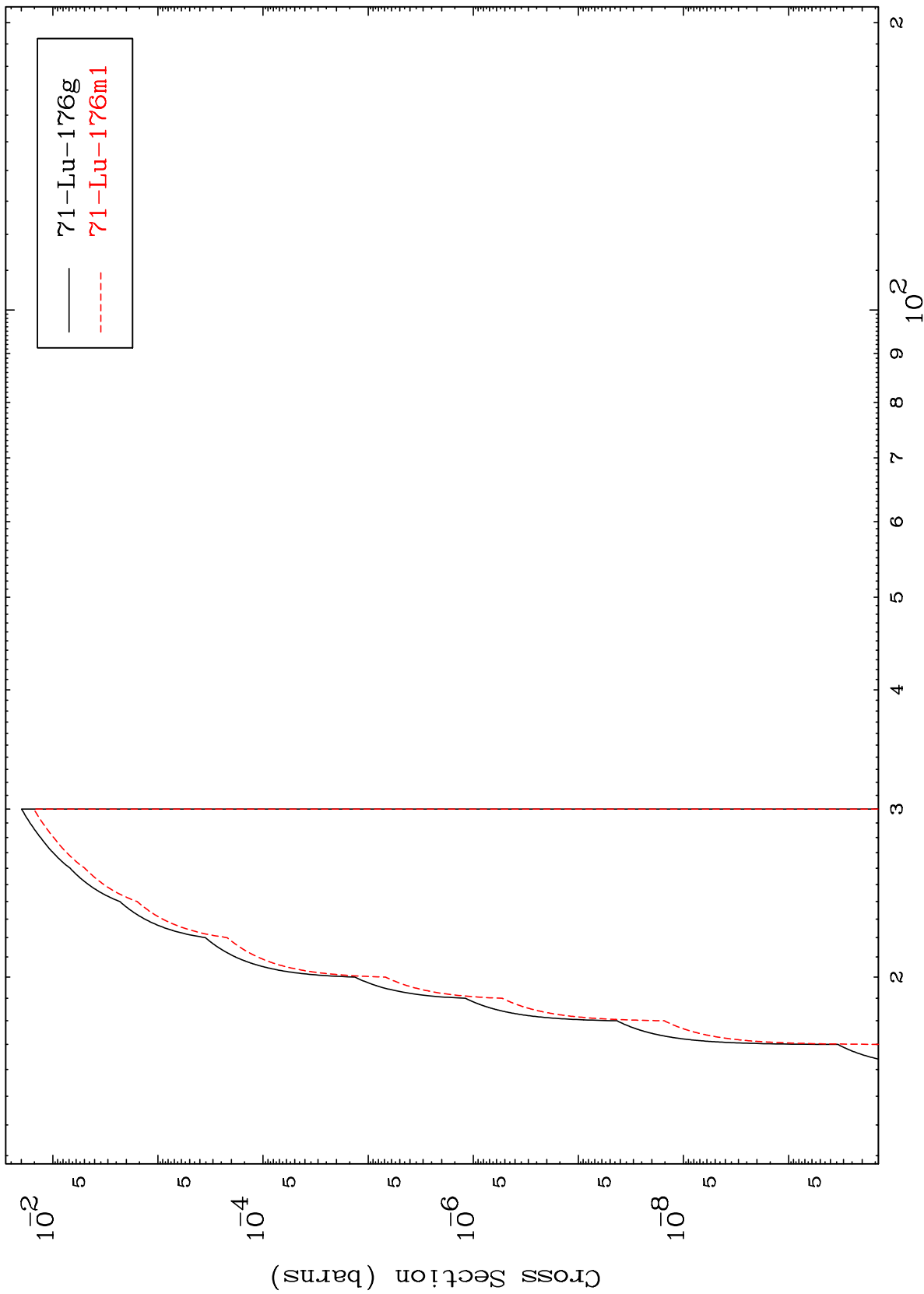
13

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(n,2n) d

71-Lu-178

Radionuclide Production Cross Section



14

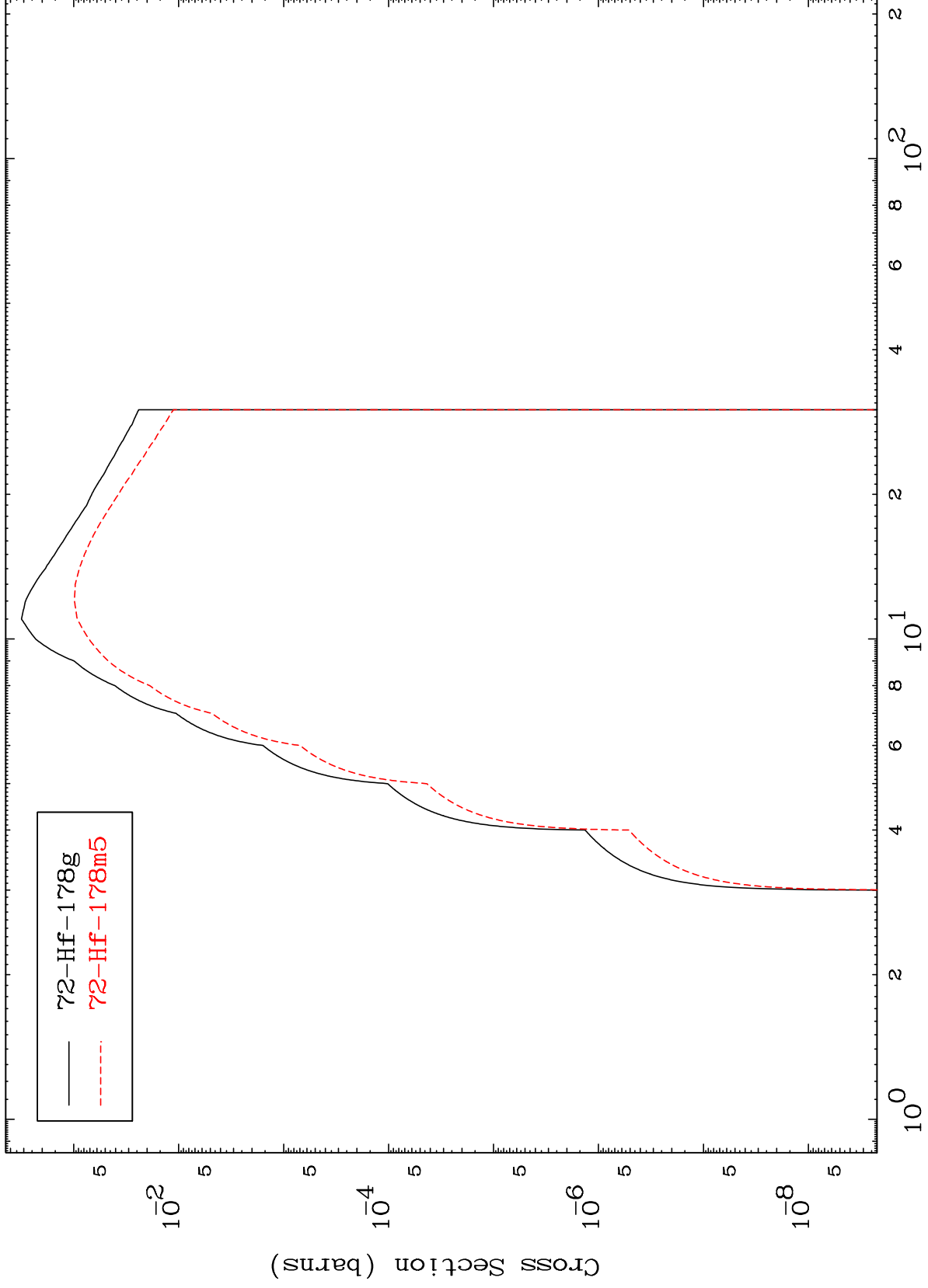
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

Radionuclide Production Cross Section
(n,2n)



Incident Energy (MeV)

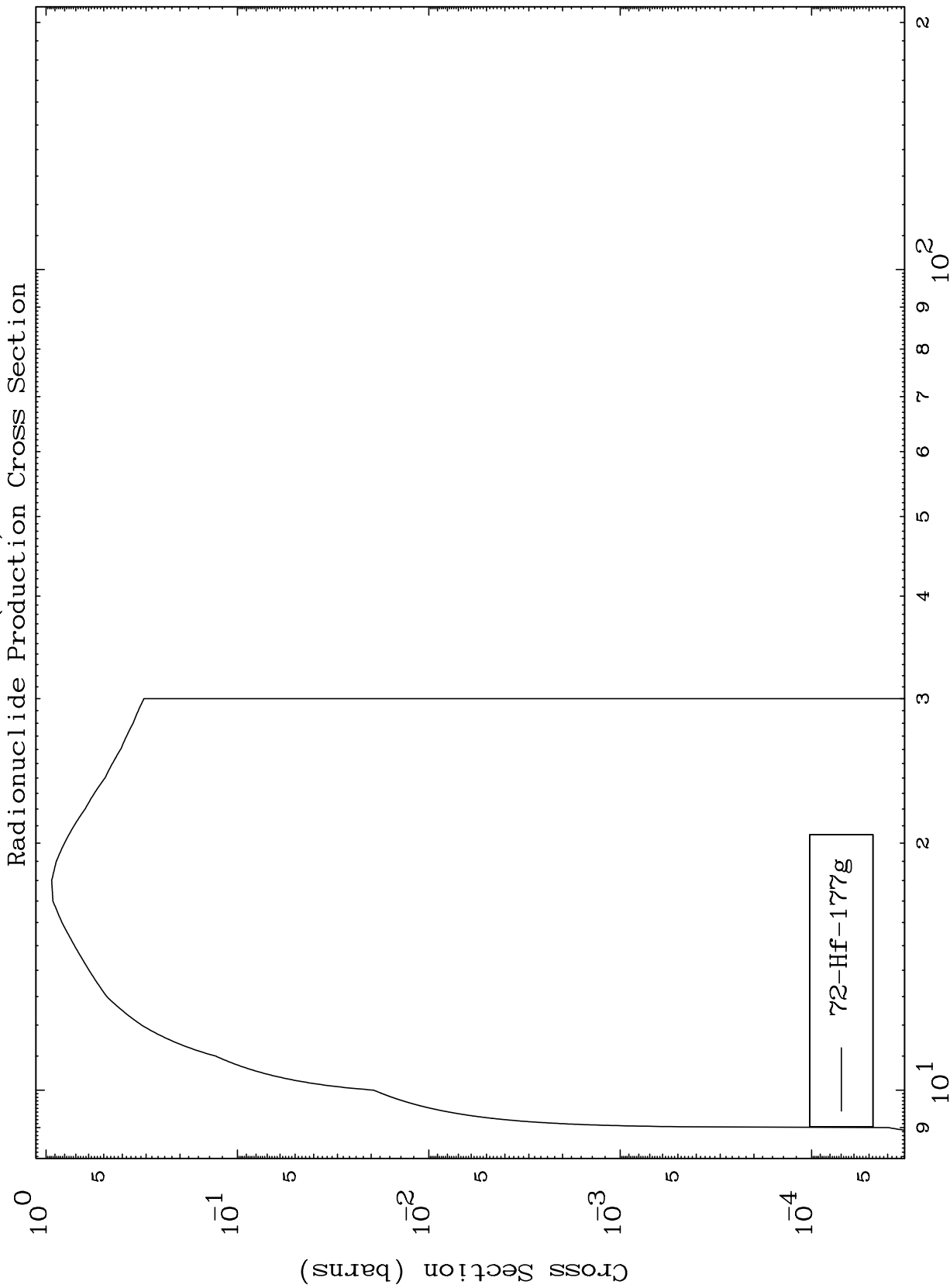
71-Lu-178

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71-Lu-178

Radionuclide Production Cross Section

(n,3n)



72-Hf-177g

16

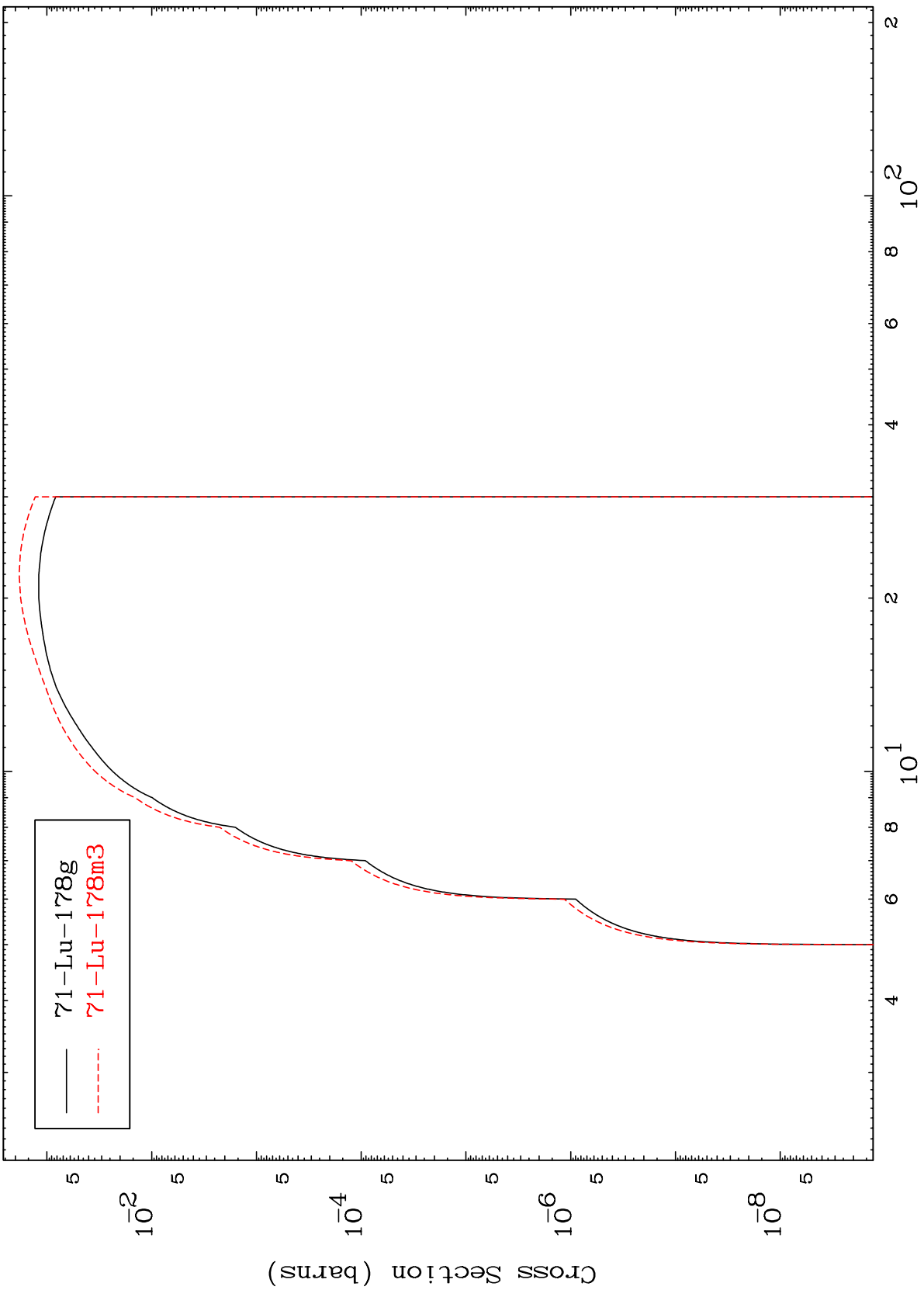
Incident Energy (MeV)

71-Lu-178

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⁷¹Lu-178

(n,n') p
Radionuclide Production Cross Section



17

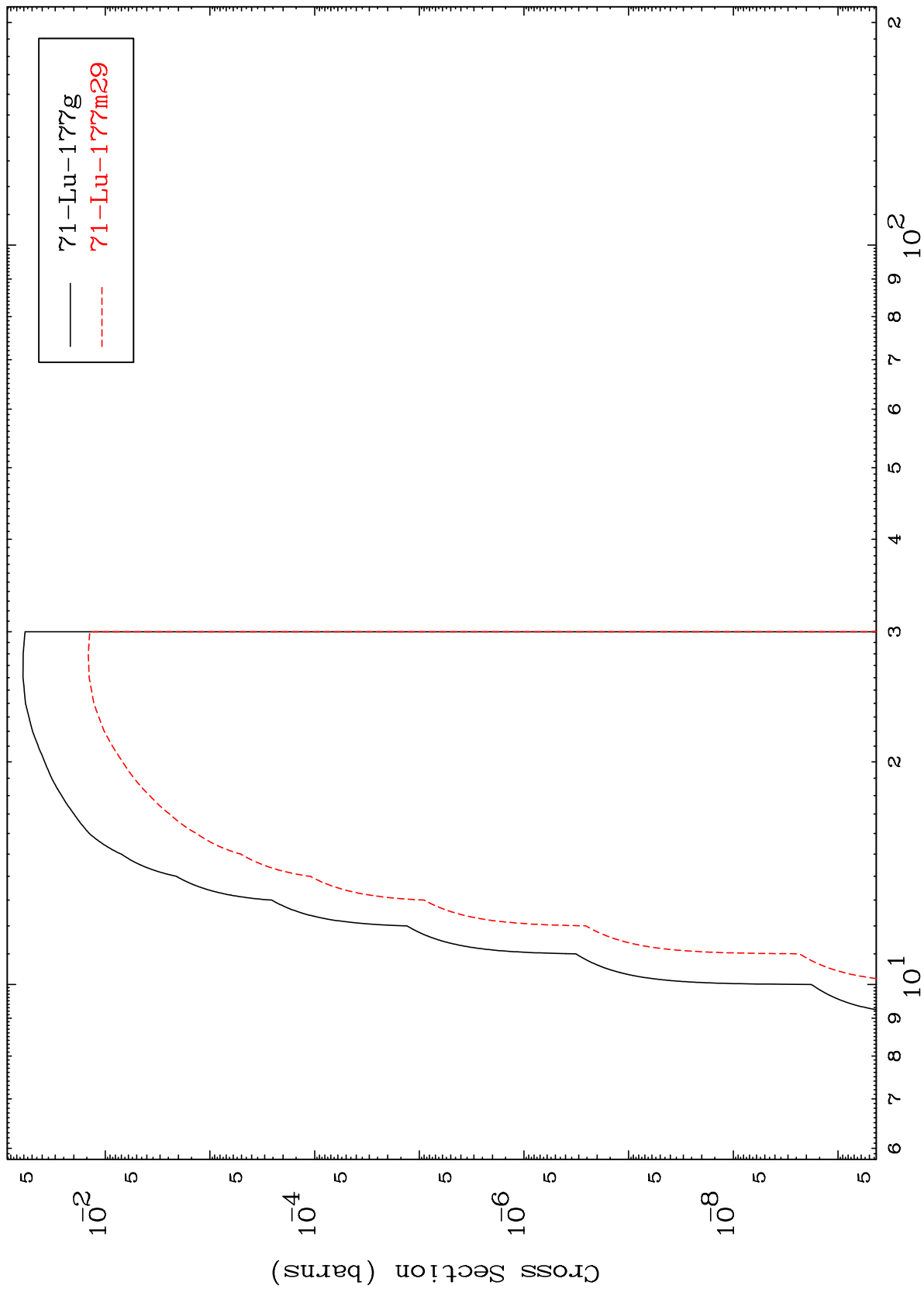
⁷¹Lu-178

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(n,n') d

71-Lu-178

Radionuclide Production Cross Section



18

Incident Energy (MeV)

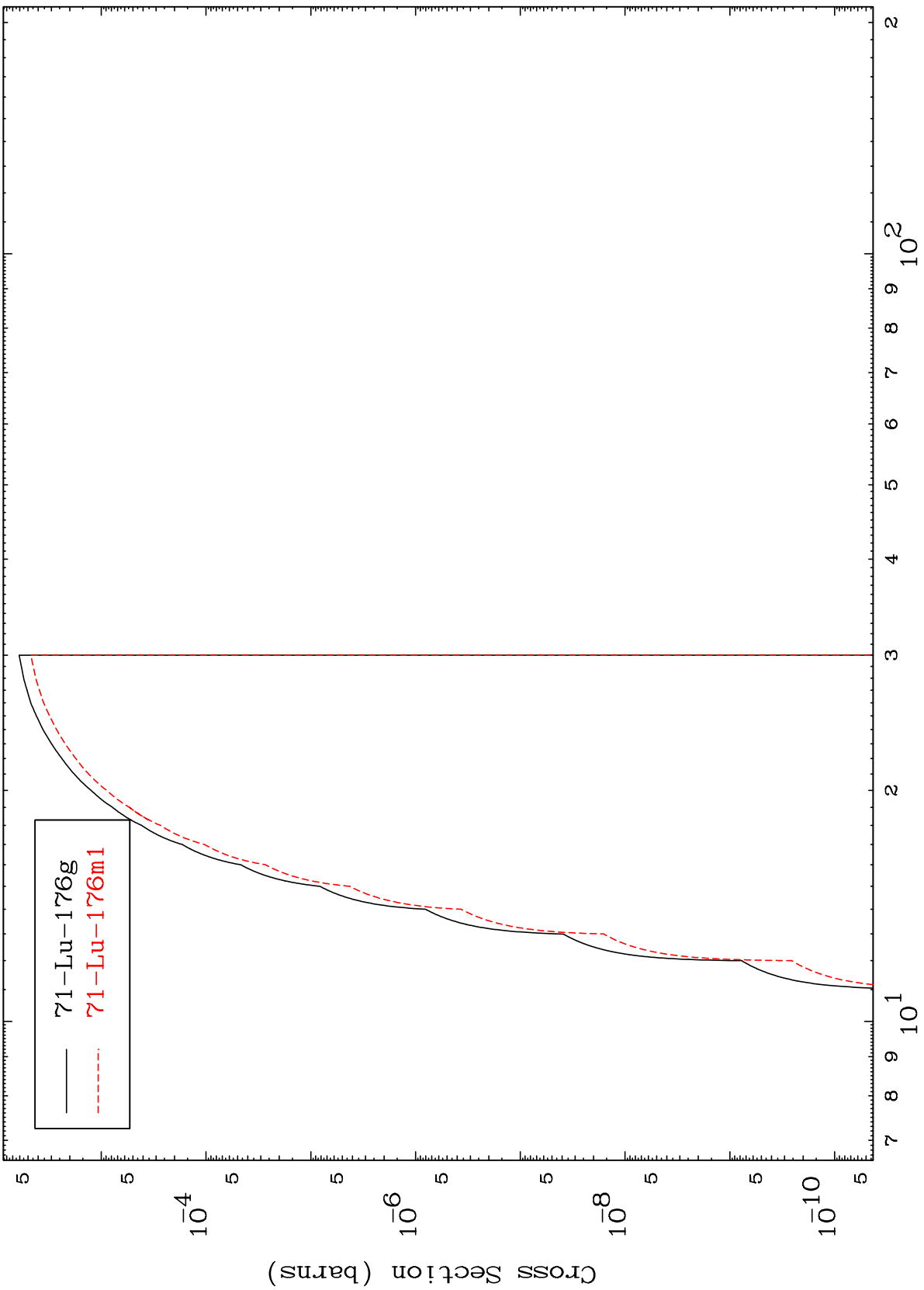
71-Lu-178

MAT 7134

(n,n') t

71-Lu-178

Radionuclide Production Cross Section



19

Incident Energy (MeV)

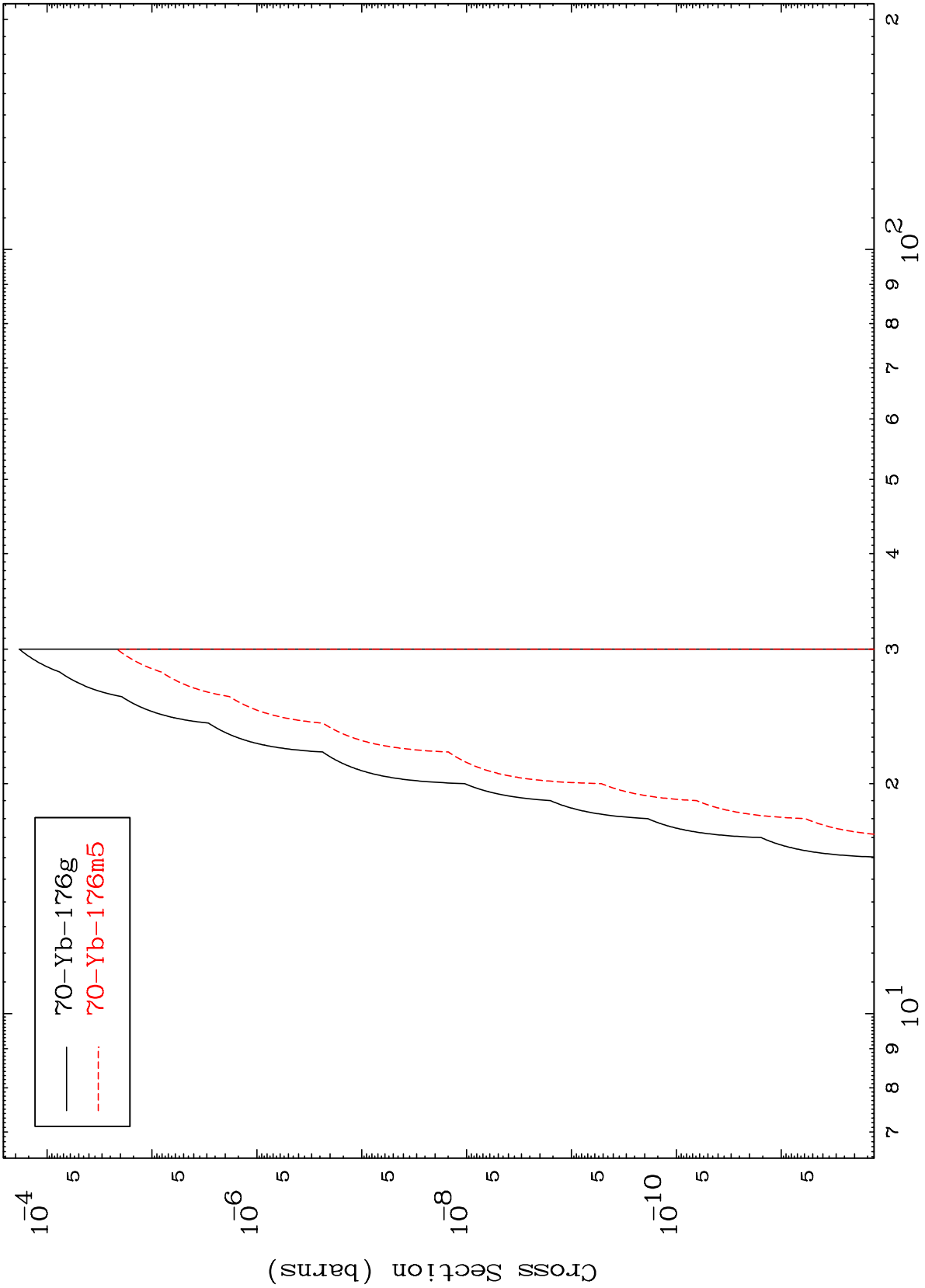
71-Lu-178

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(n,n') He-3

71-Lu-178

Radionuclide Production Cross Section



70-Yb-176g
70-Yb-176m5

20

Incident Energy (MeV)

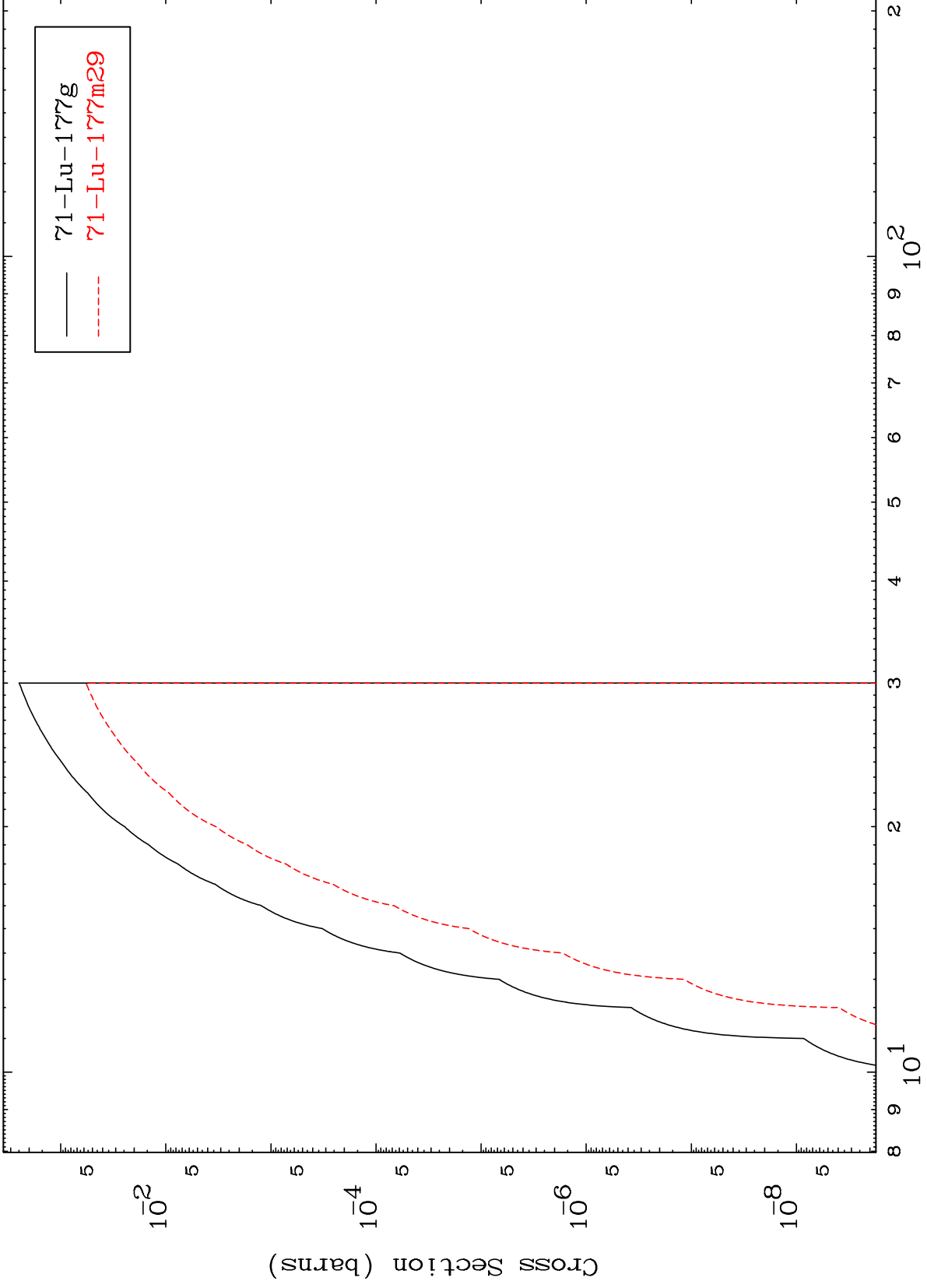
71-Lu-178

MAT 7134

(n,2n) p

71-Lu-178

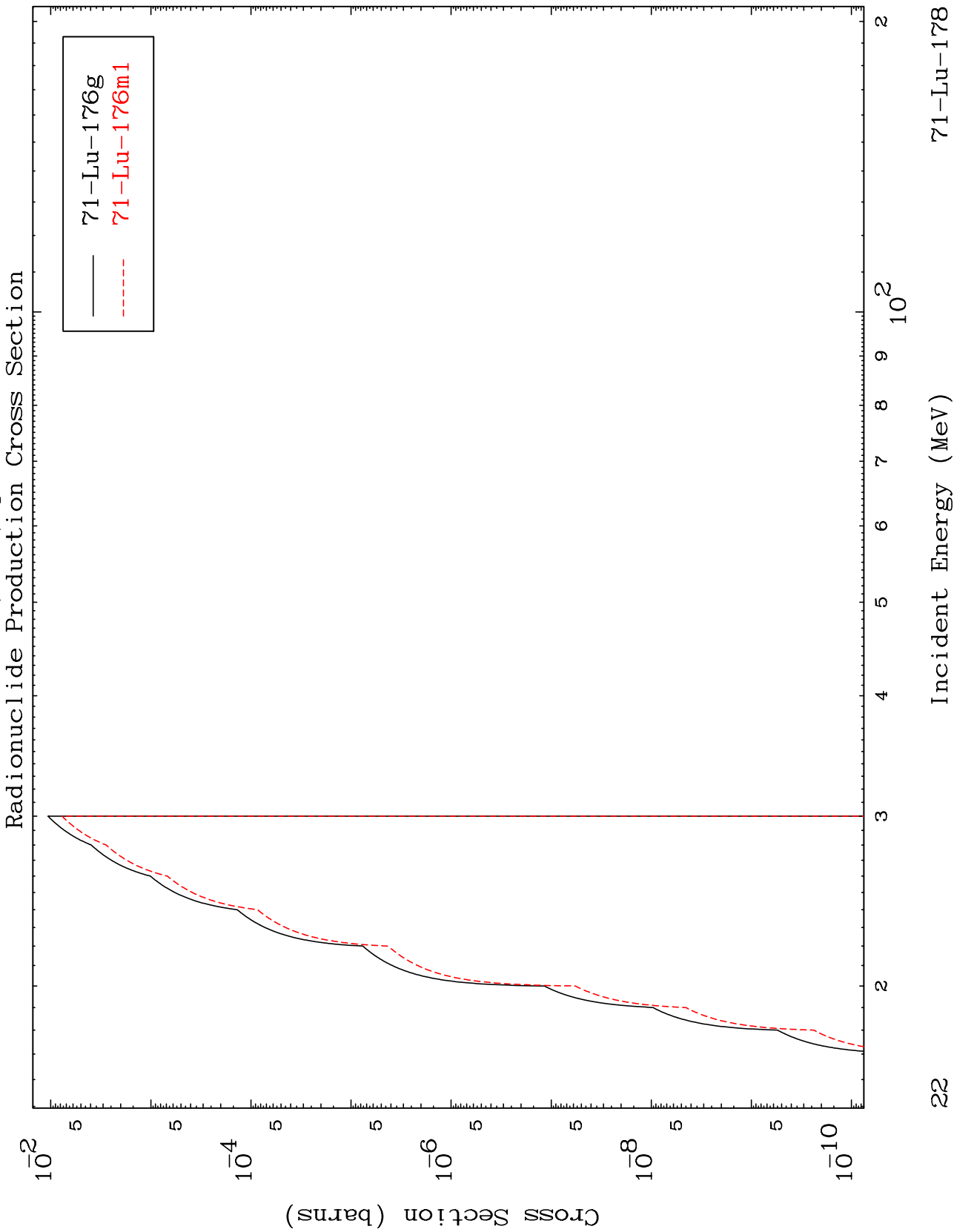
Radionuclide Production Cross Section



21

Incident Energy (MeV)

71-Lu-178

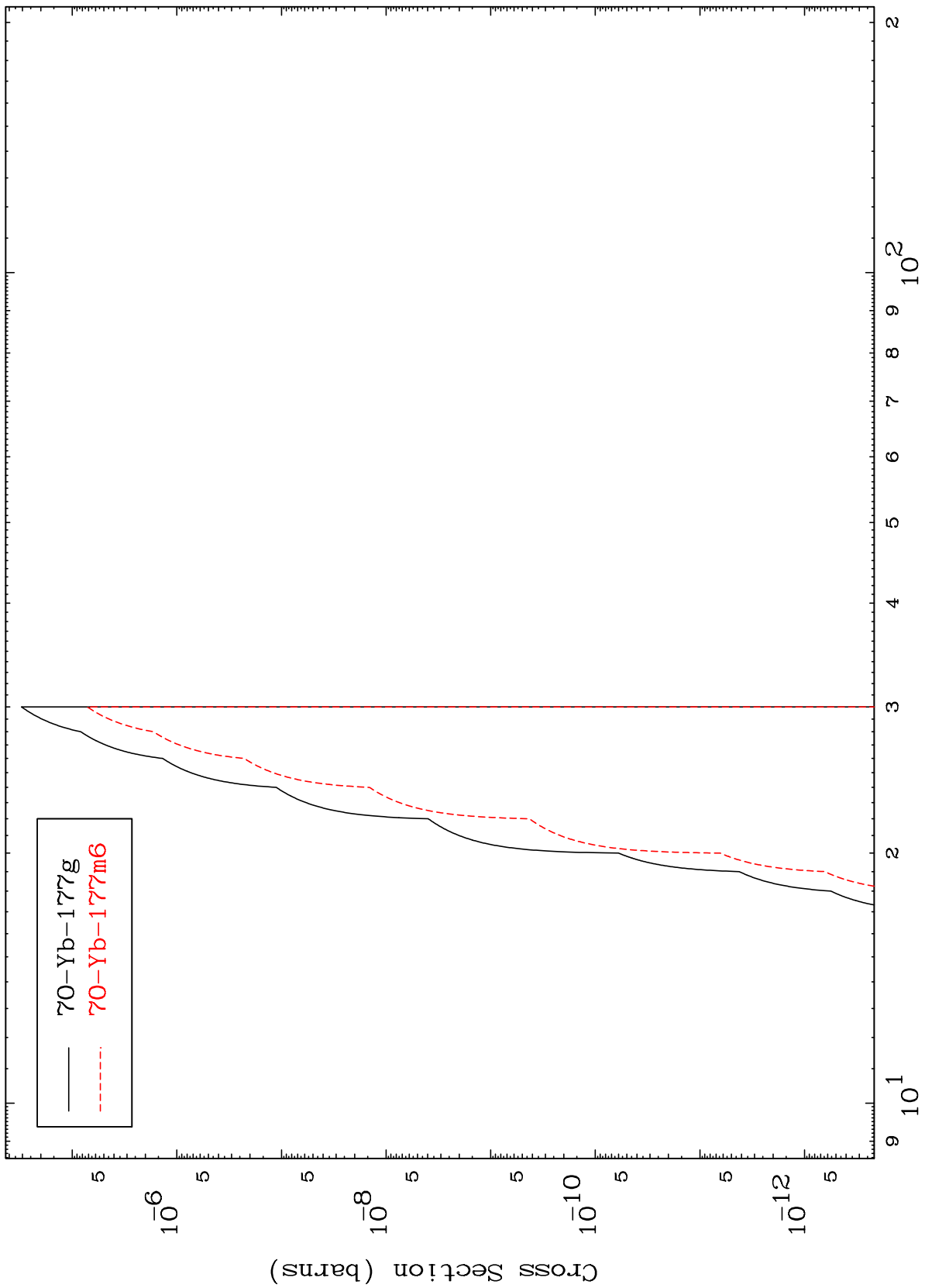


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(n,2n) p

⁷¹Lu-178

Radionuclide Production Cross Section



23

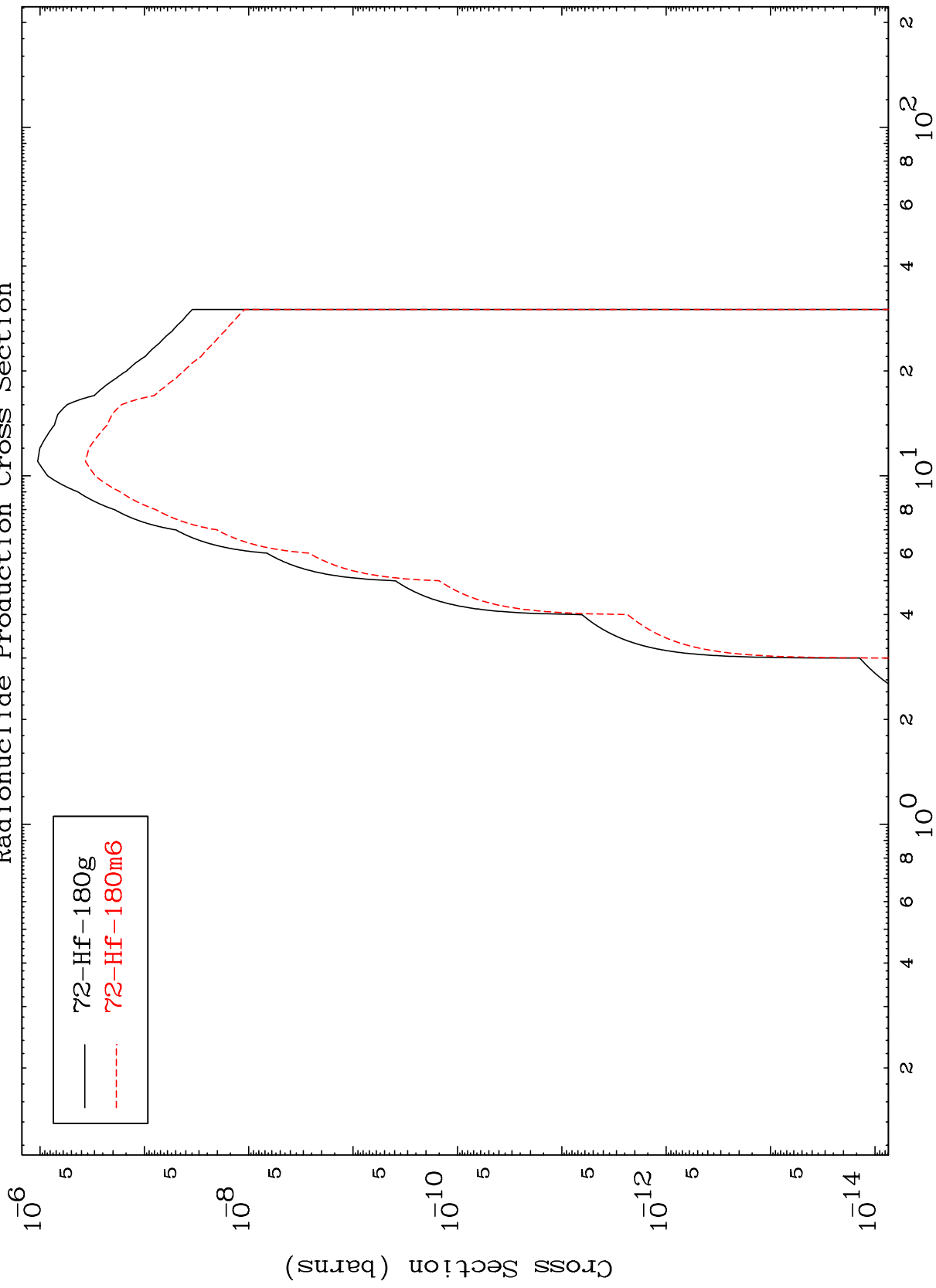
Incident Energy (MeV)

⁷¹Lu-178

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71-Lu-178

Radionuclide Production Cross Section

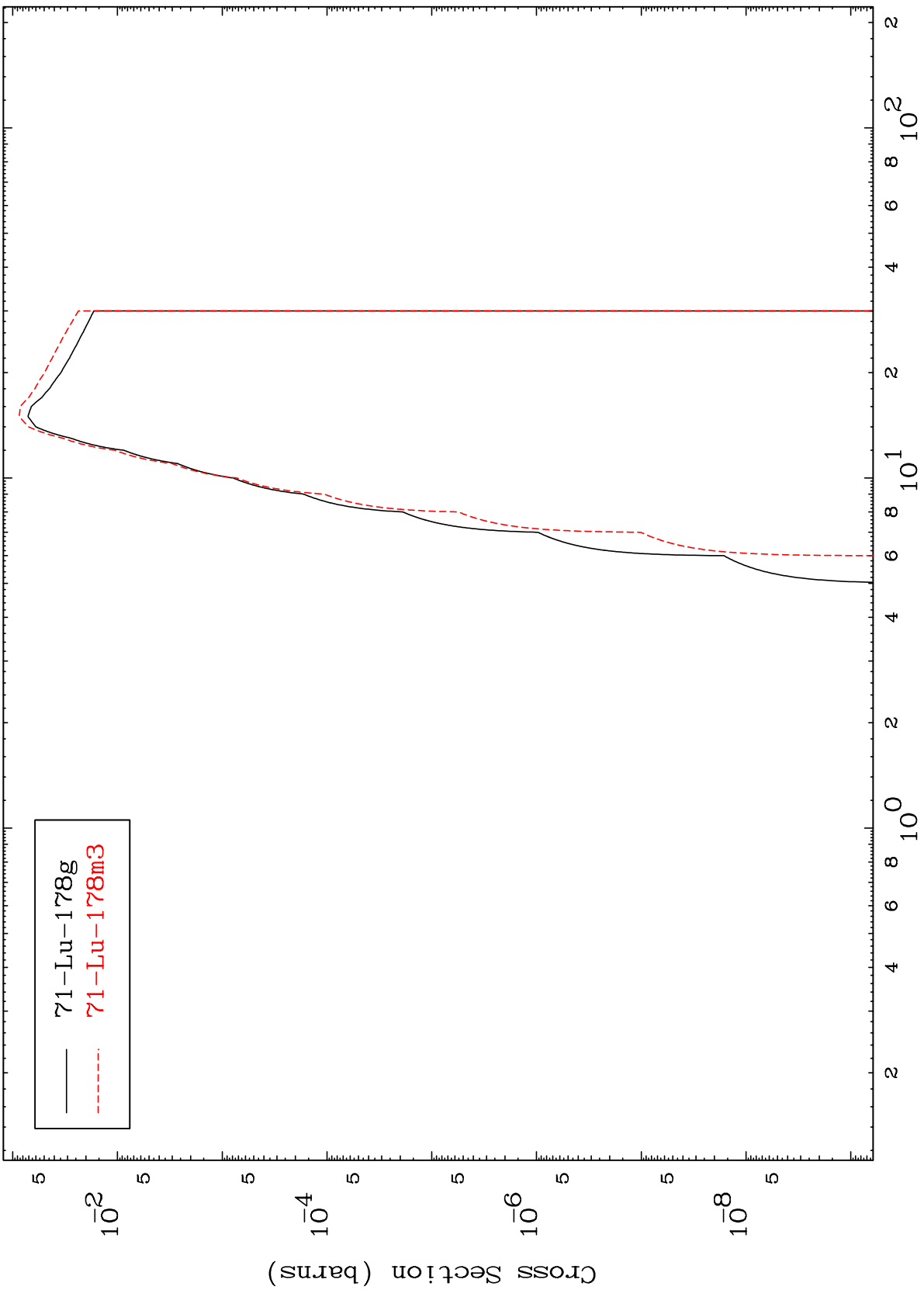


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(n,d)

⁷¹Lu-178

Radionuclide Production Cross Section

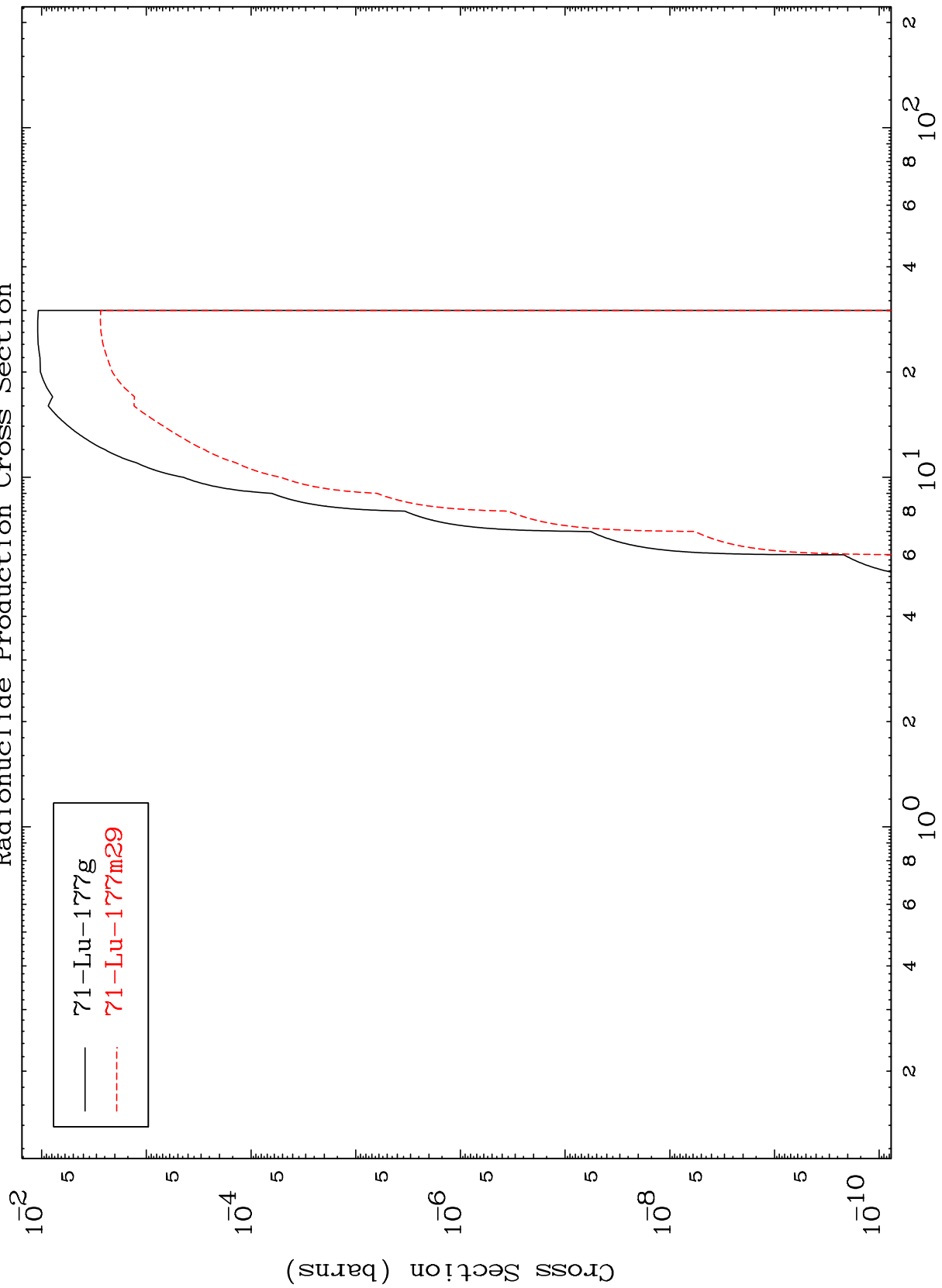


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(n, t)

⁷¹Lu-178

Radionuclide Production Cross Section



26

Incident Energy (MeV)

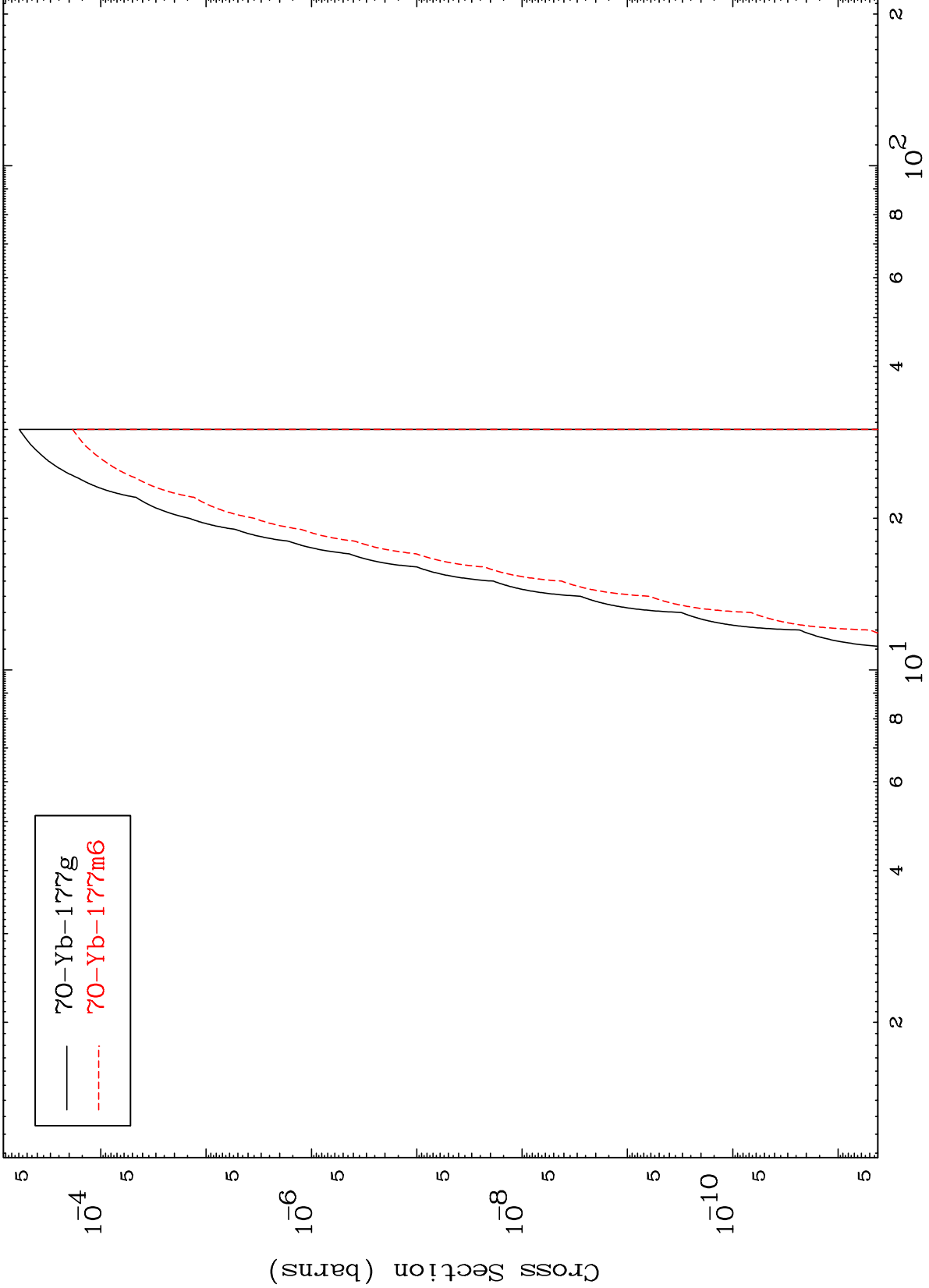
⁷¹Lu-178

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(n,He-3)

71-Lu-178

Radionuclide Production Cross Section

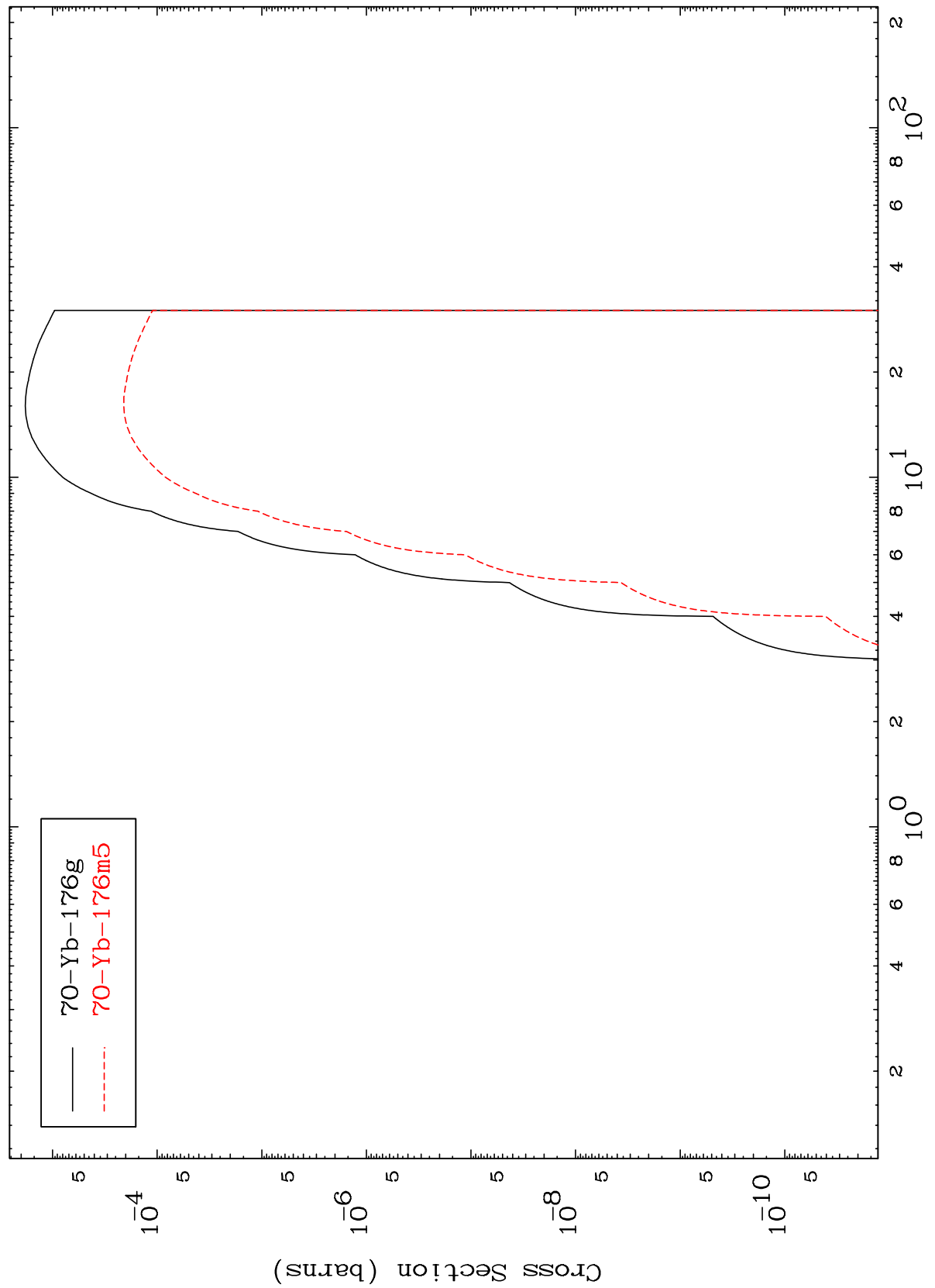


— $^{70}\text{Yb-177g}$
- - - $^{70}\text{Yb-177m6}$

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71-Lu-178

(n, α)
Radionuclide Production Cross Section

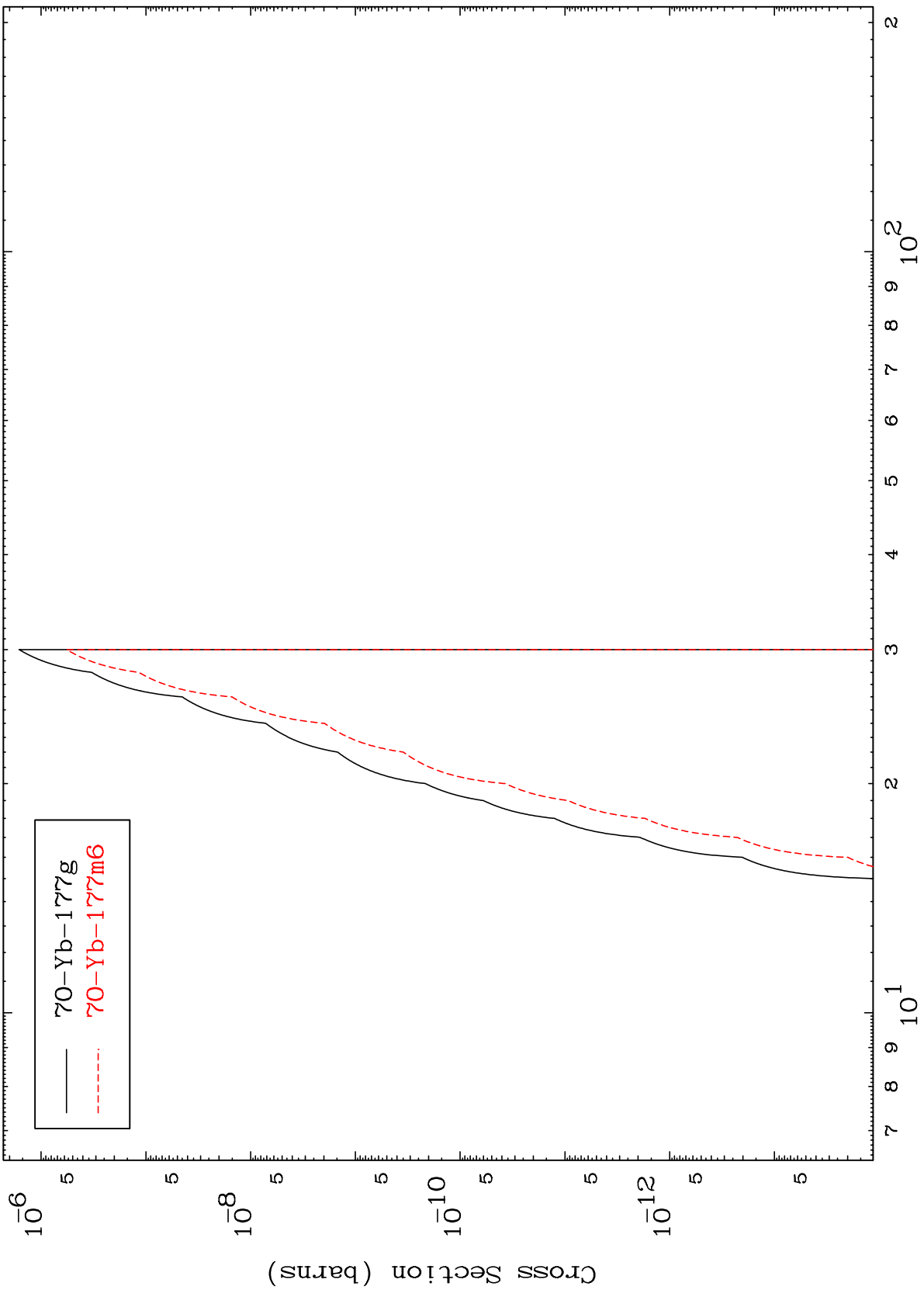


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(n,p) d

⁷¹Lu-178

Radionuclide Production Cross Section



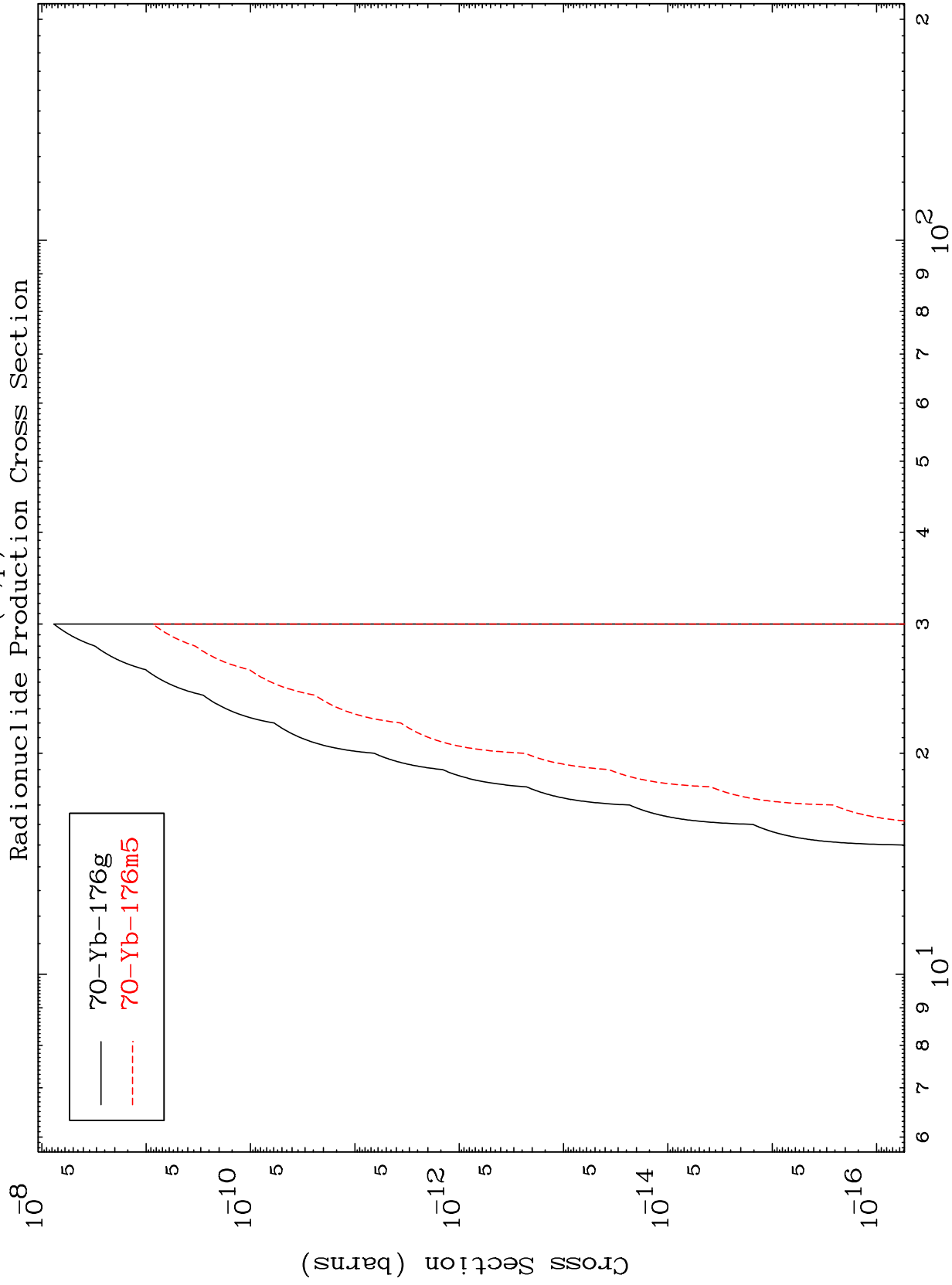
— ⁷⁰Yb-177g
- - - ⁷⁰Yb-177m6

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(n,p) t

71-Lu-178

Radionuclide Production Cross Section



30

Incident Energy (MeV)

71-Lu-178