

Program EVALPLOT
(Version 2021-1)

by

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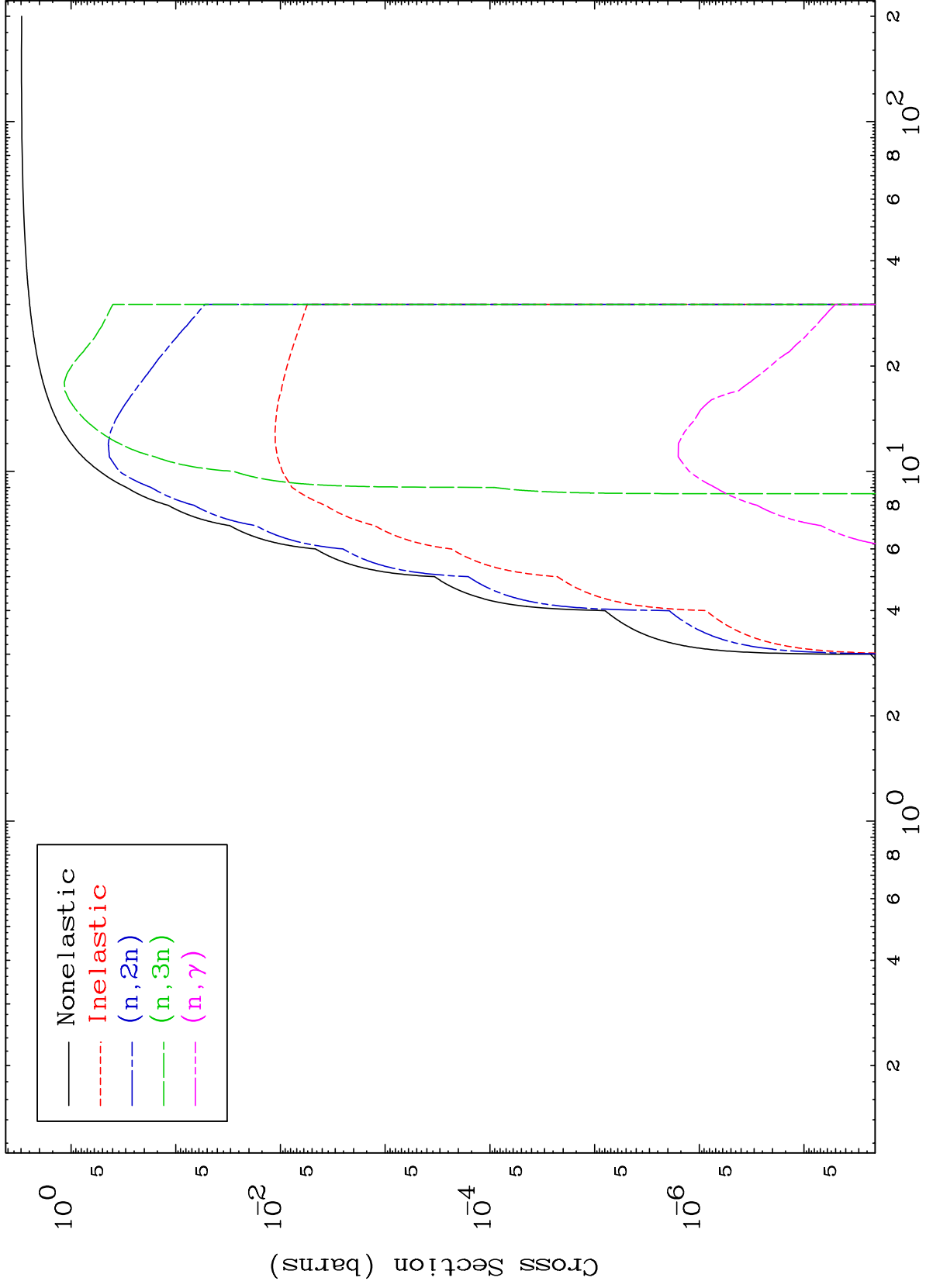
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7134

Deuteron Major
0 Kelvin Cross Sections

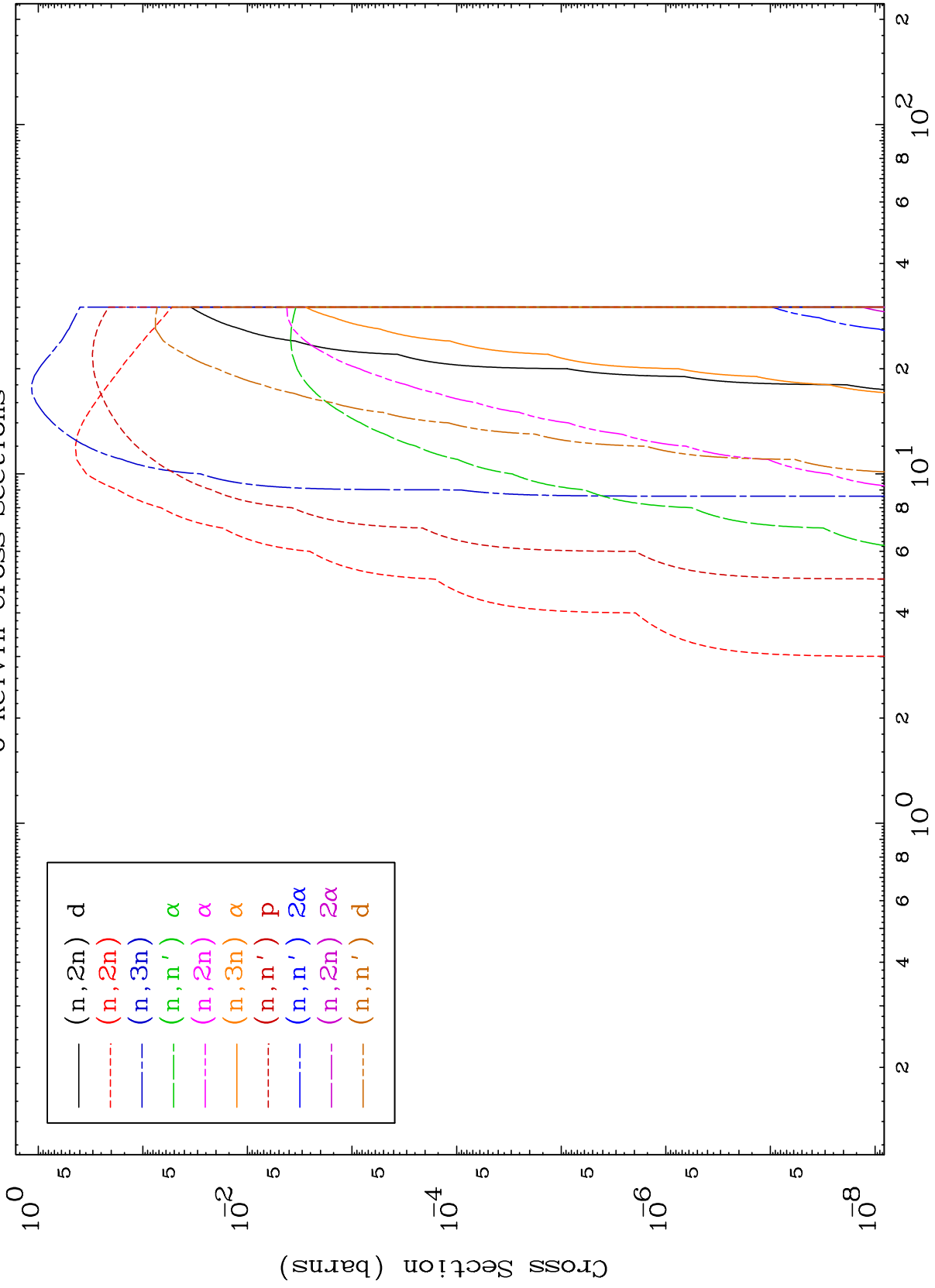
71-Lu-178



MAT 7134

Deuteron Neutron Absorption
0 Kelvin Cross Sections

71-Lu-178



71-Lu-178

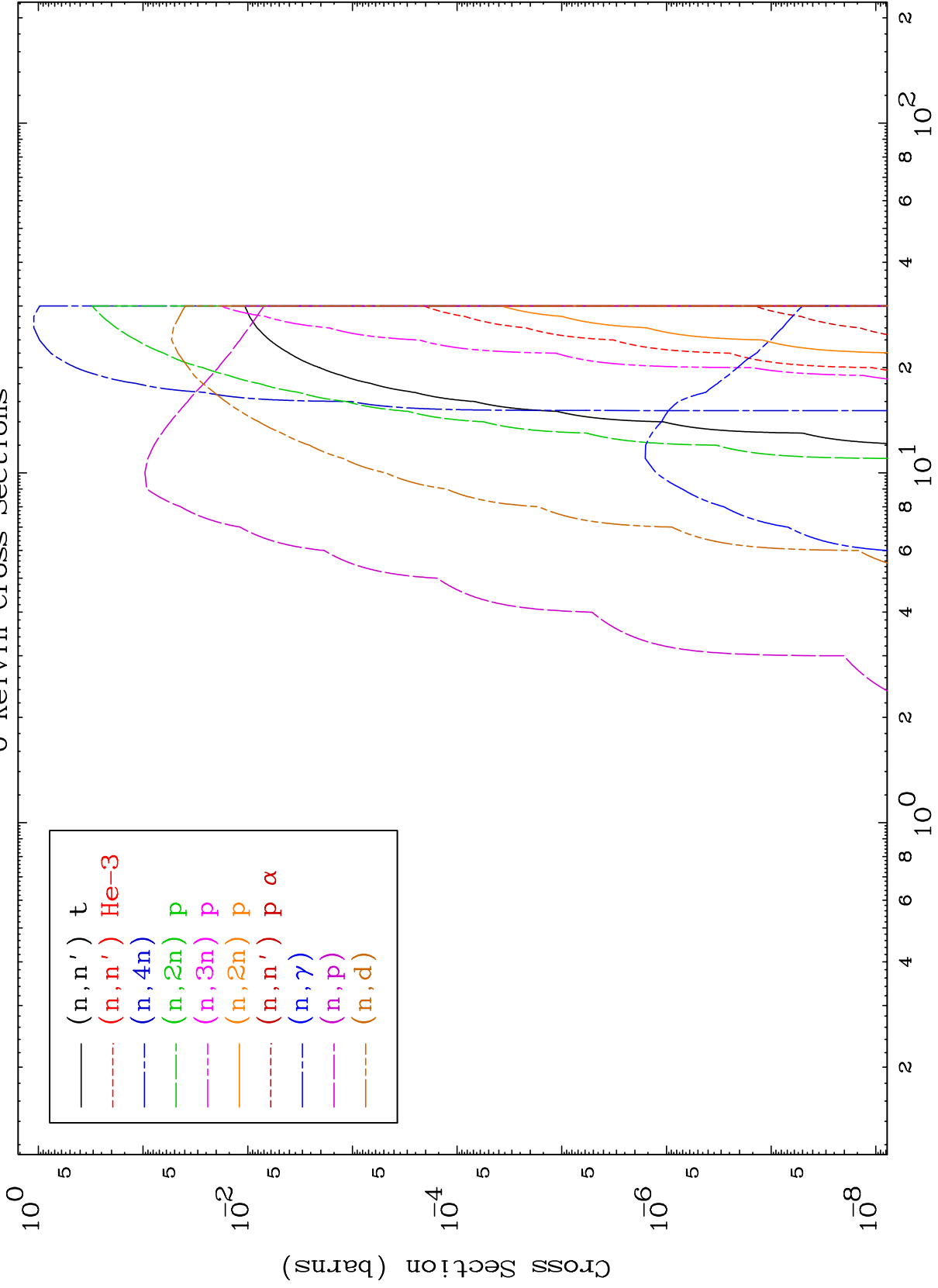
Incident Energy (MeV)

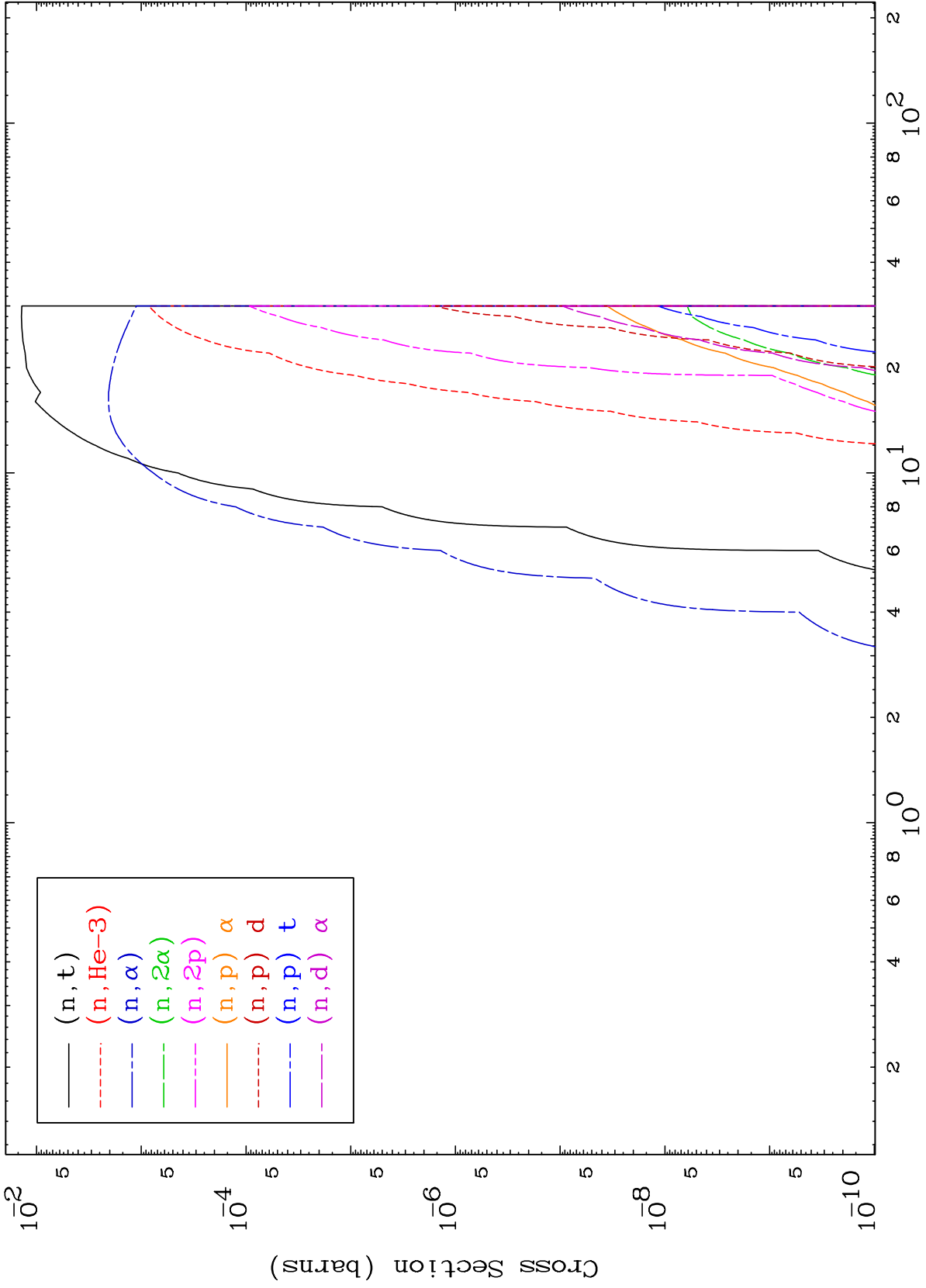
2

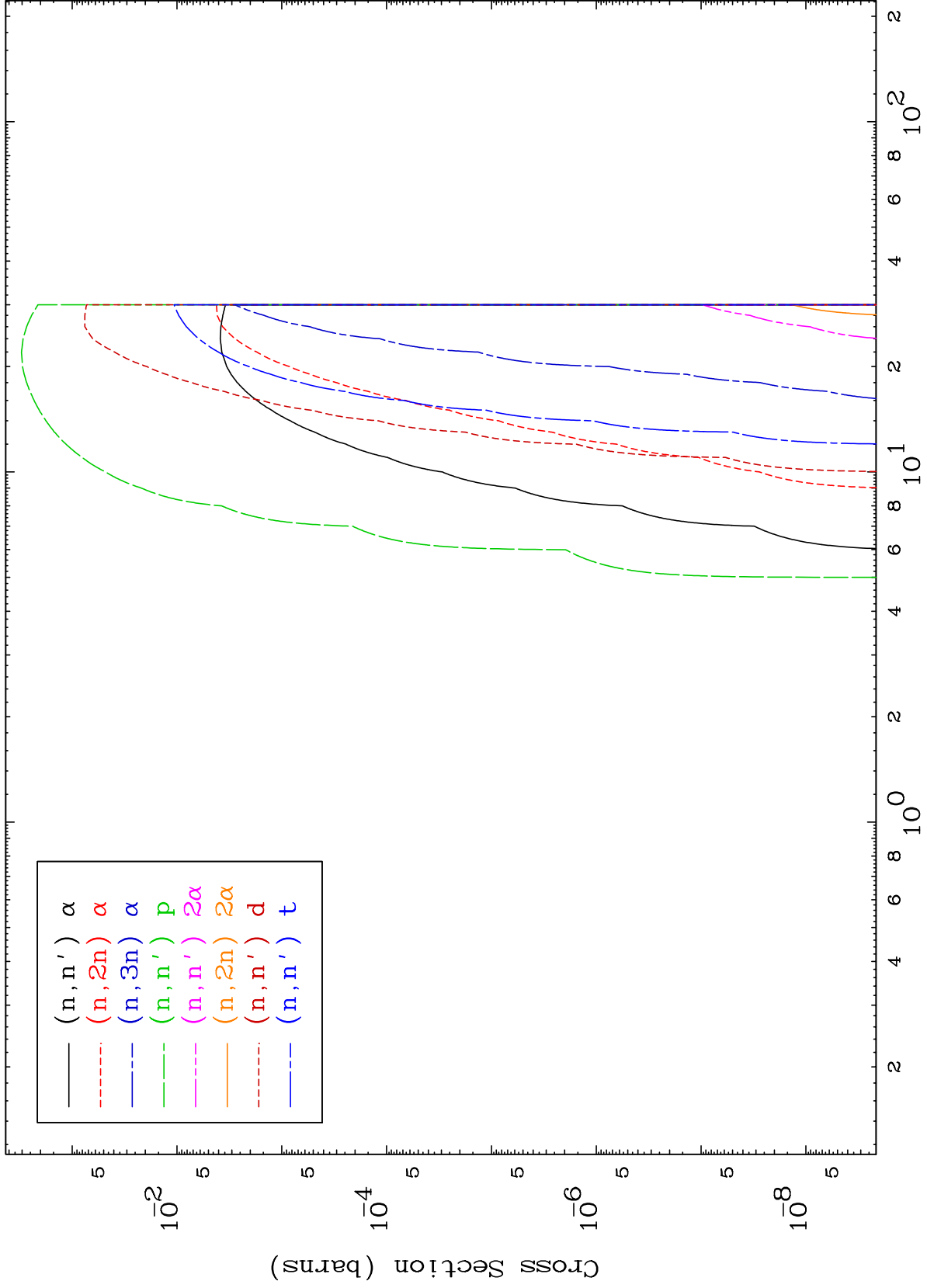
MAT 7134

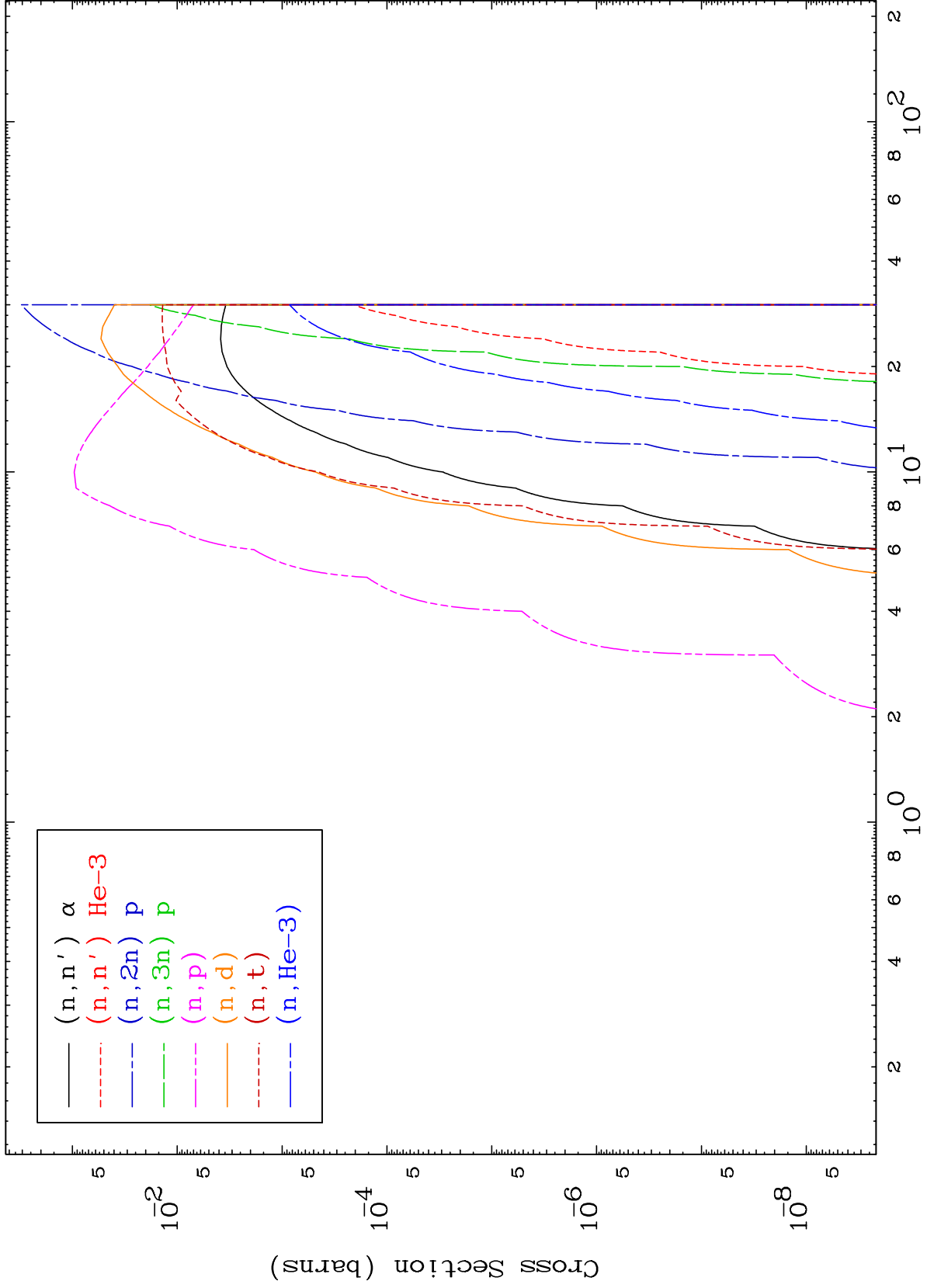
Deuteron Neutron Absorption
0 Kelvin Cross Sections

71-Lu-178





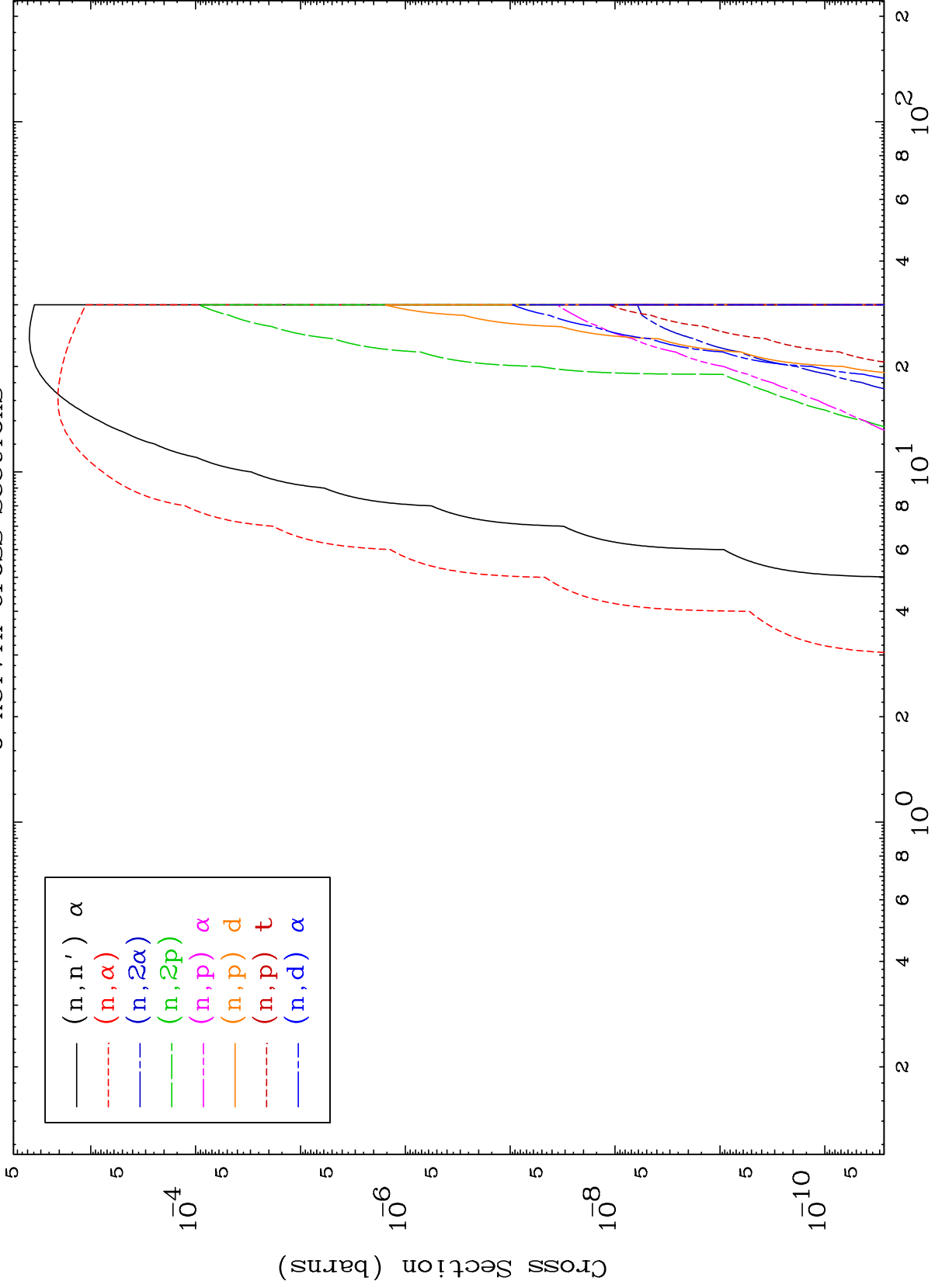




MAT 7134

Deuteron Charged Particle
0 Kelvin Cross Sections

71-Lu-178

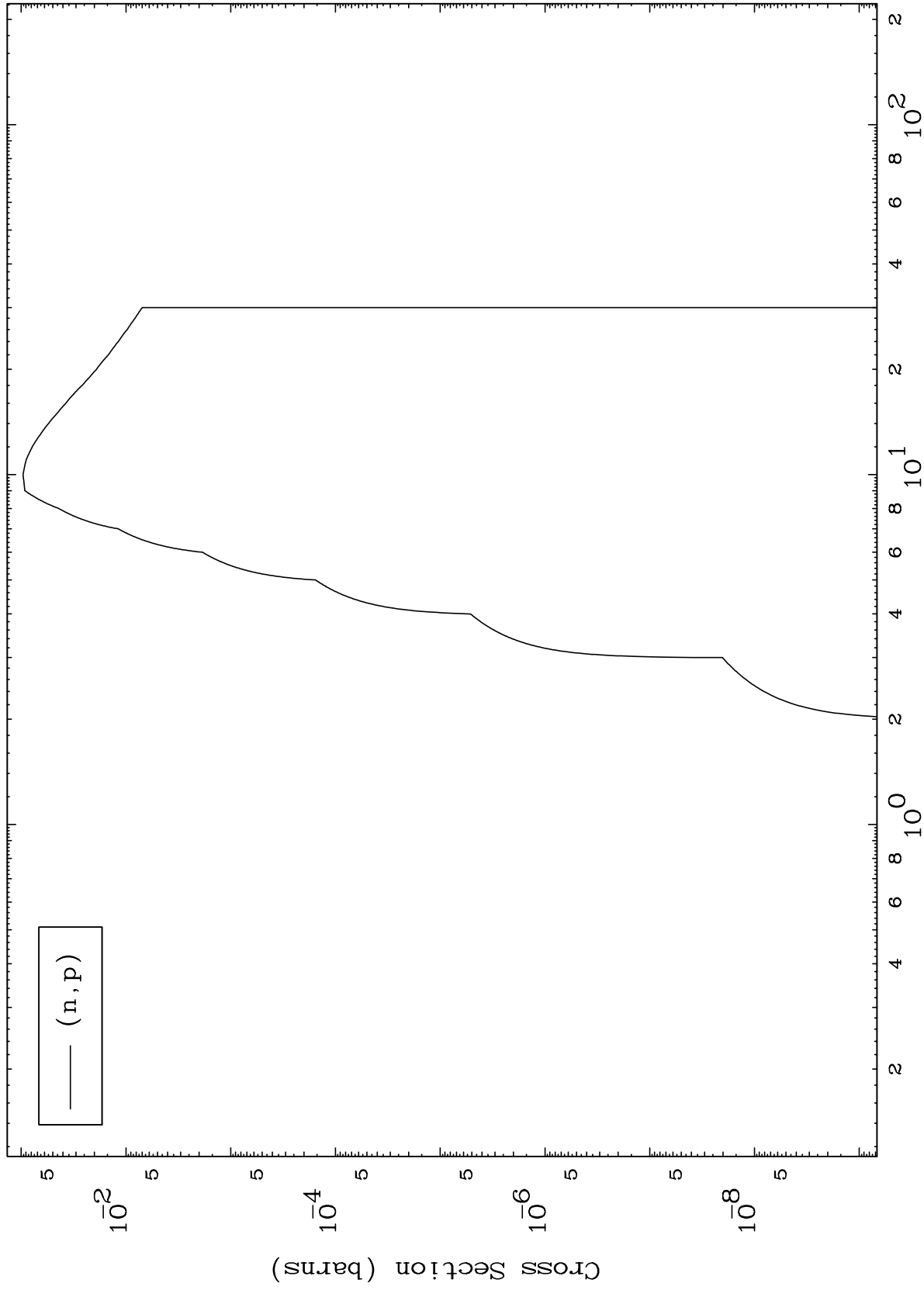


MAT 7134

(d,p) Levels

71-Lu-178

0 Kelvin Cross Sections

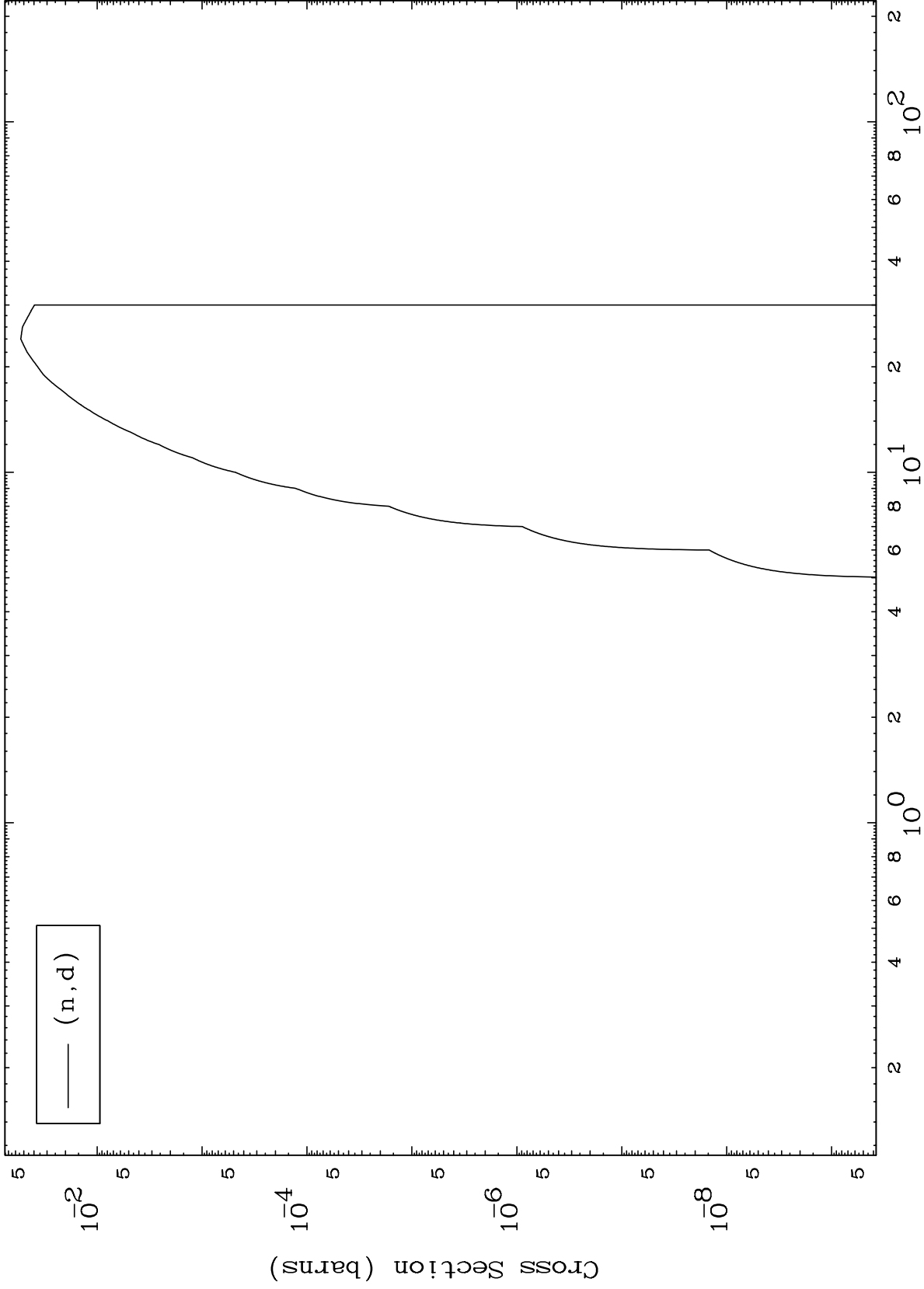


MAT 7134

(d,d) Levels

71-Lu-178

0 Kelvin Cross Sections

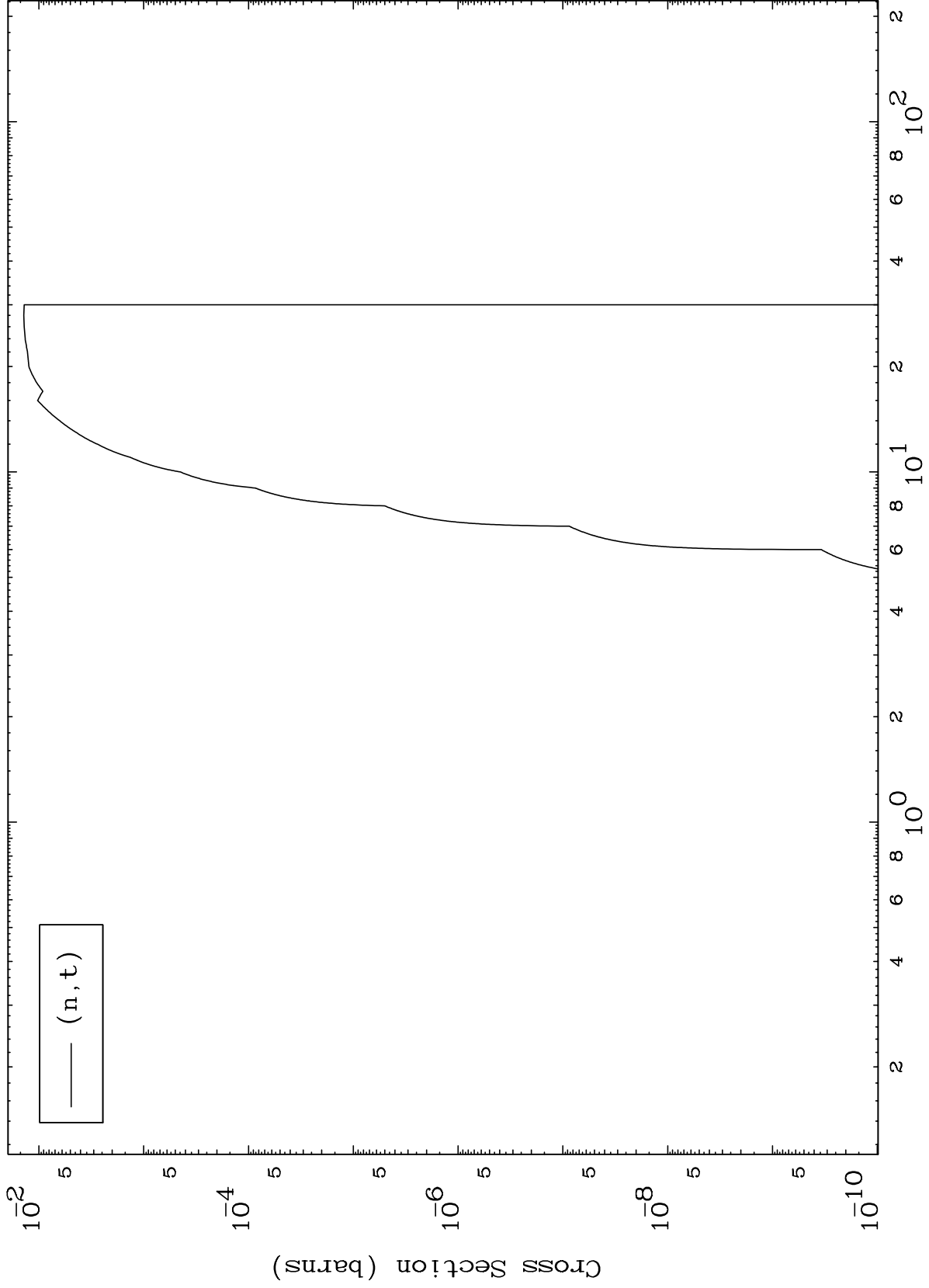


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(d,t) Levels

71-Lu-178

0 Kelvin Cross Sections



10

Incident Energy (MeV)

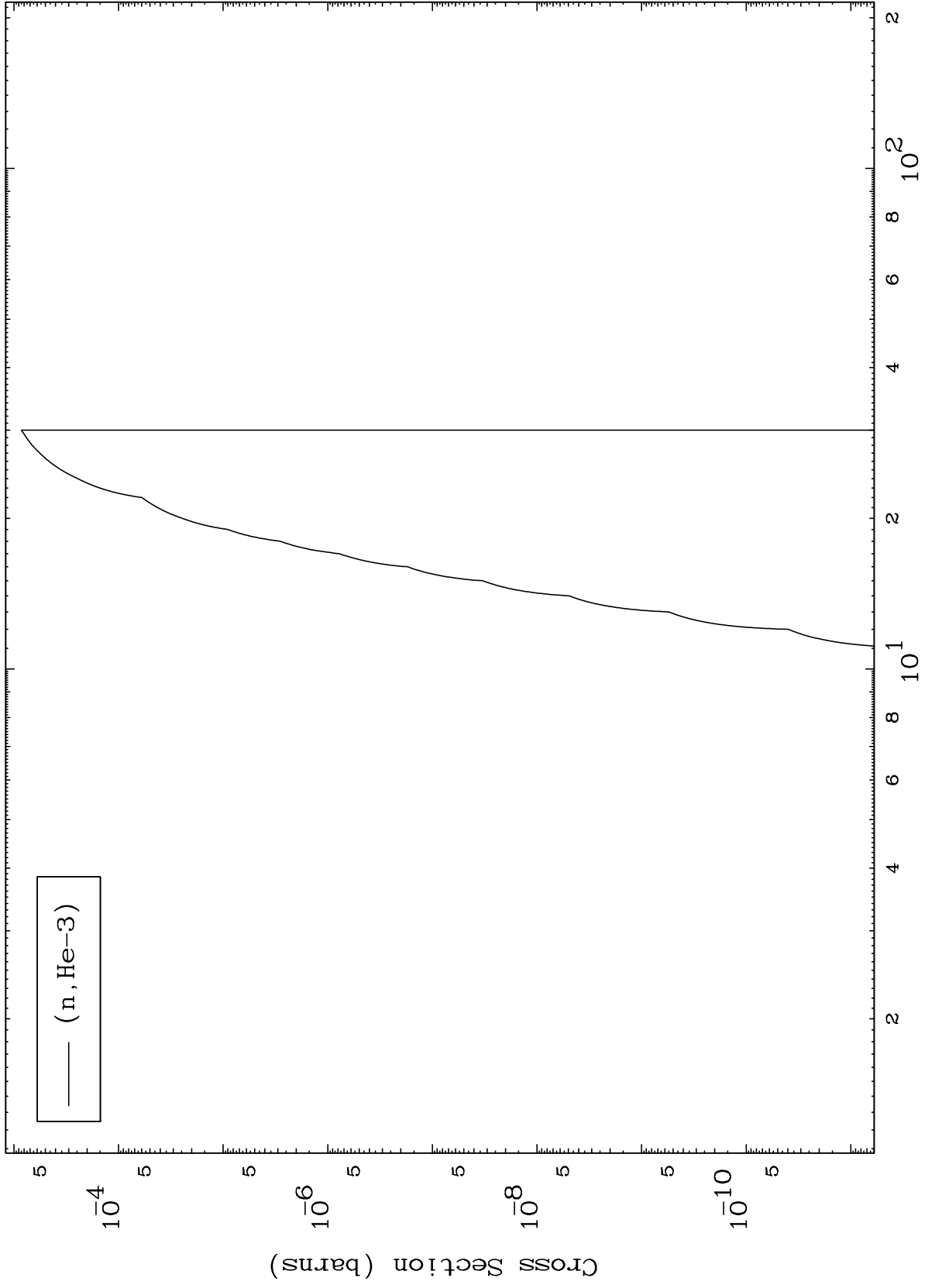
71-Lu-178

MAT 7134

(d,He3) Levels

71-Lu-178

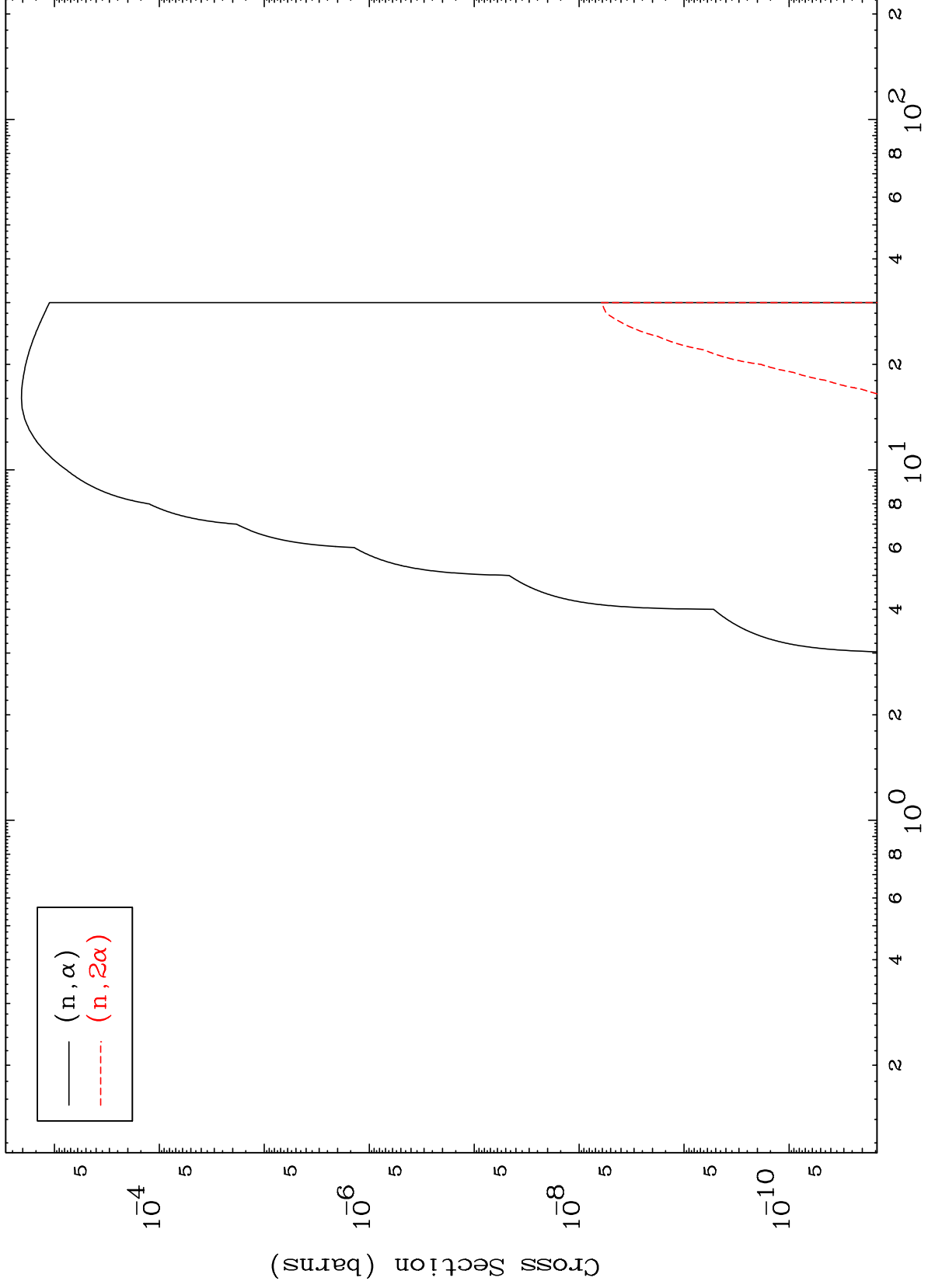
0 Kelvin Cross Sections



MAT 7134

(d, α) Levels
0 Kelvin Cross Sections

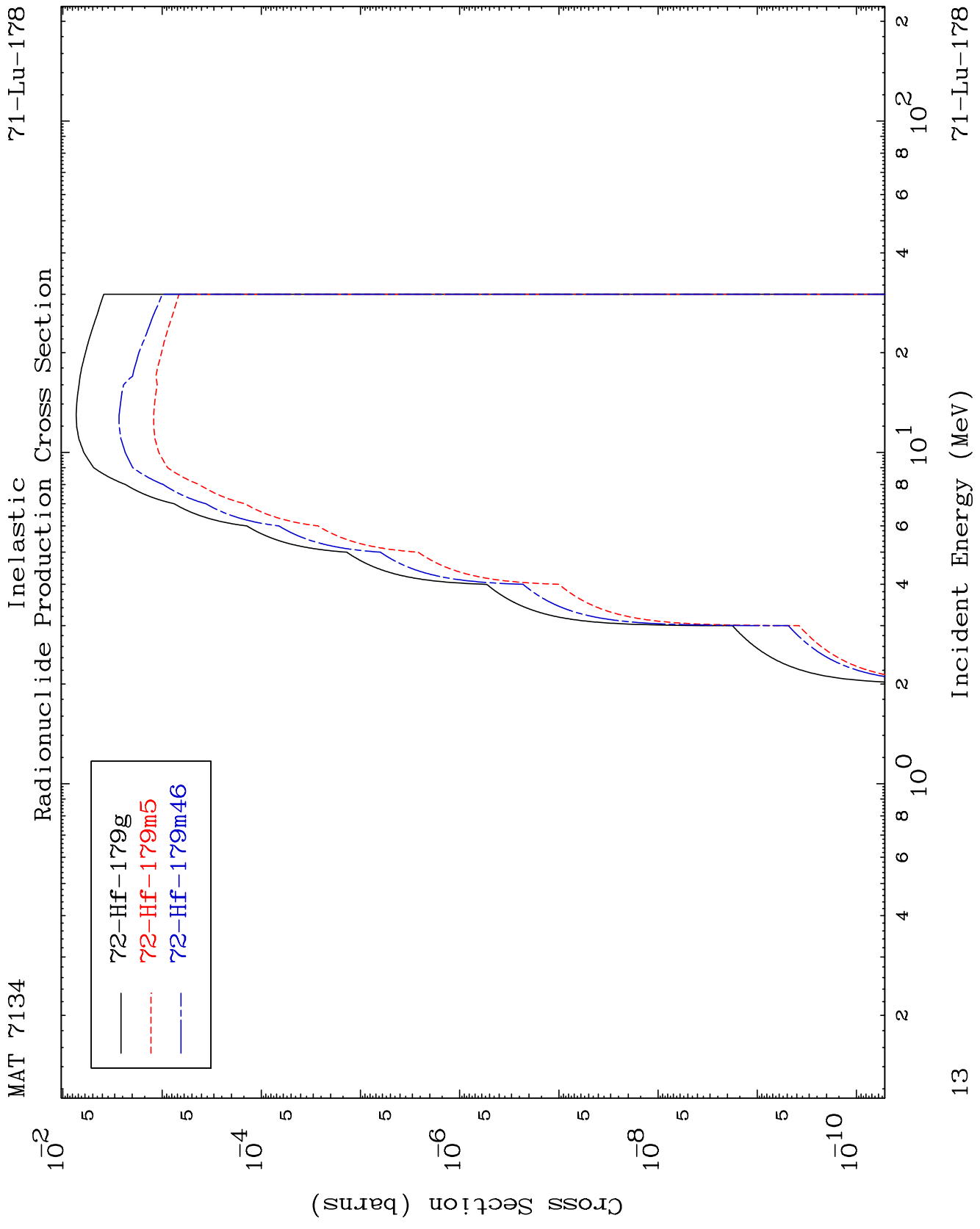
71-Lu-178



12

Incident Energy (MeV)

71-Lu-178

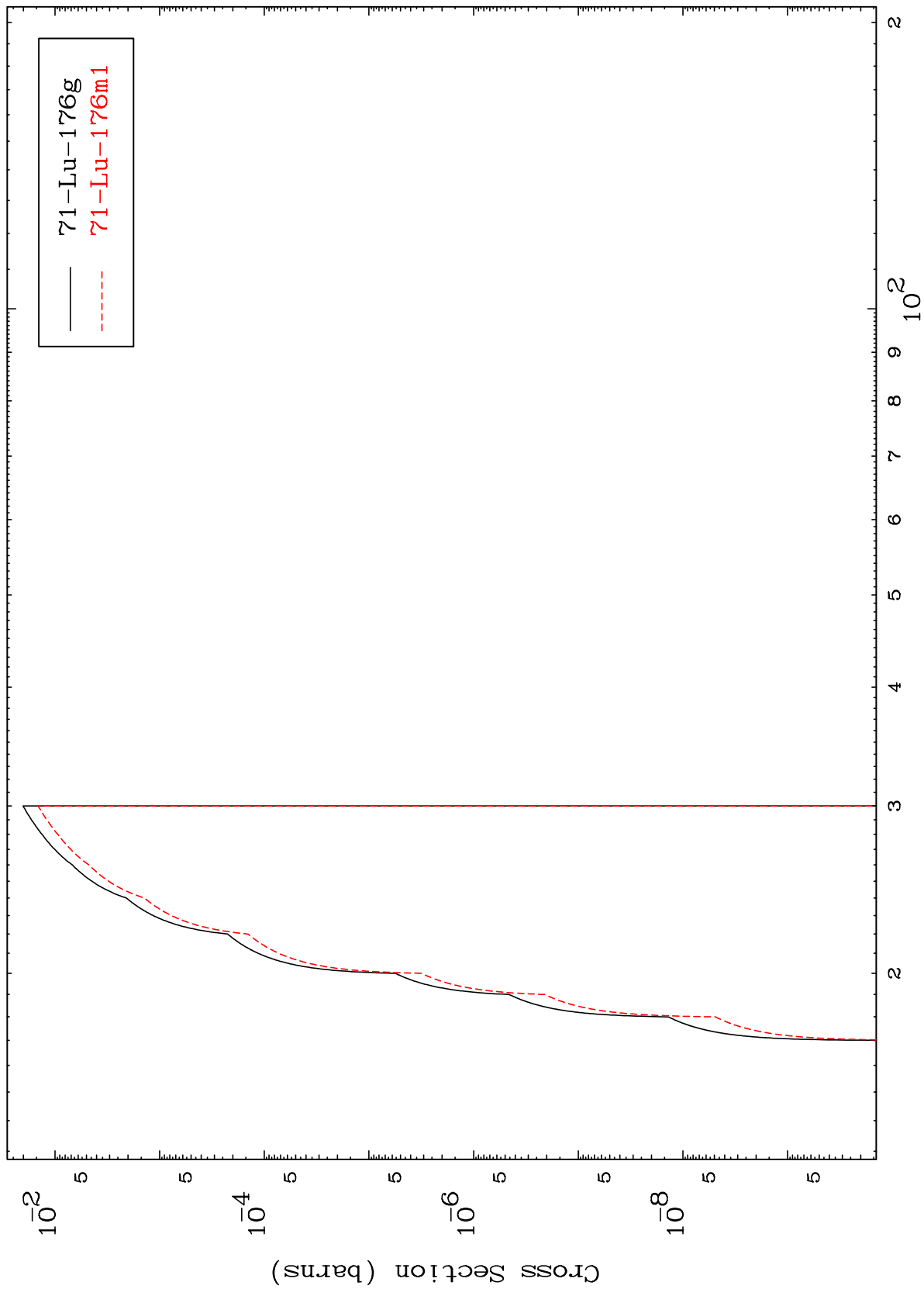


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(n,2n) d

71-Lu-178

Radionuclide Production Cross Section



14

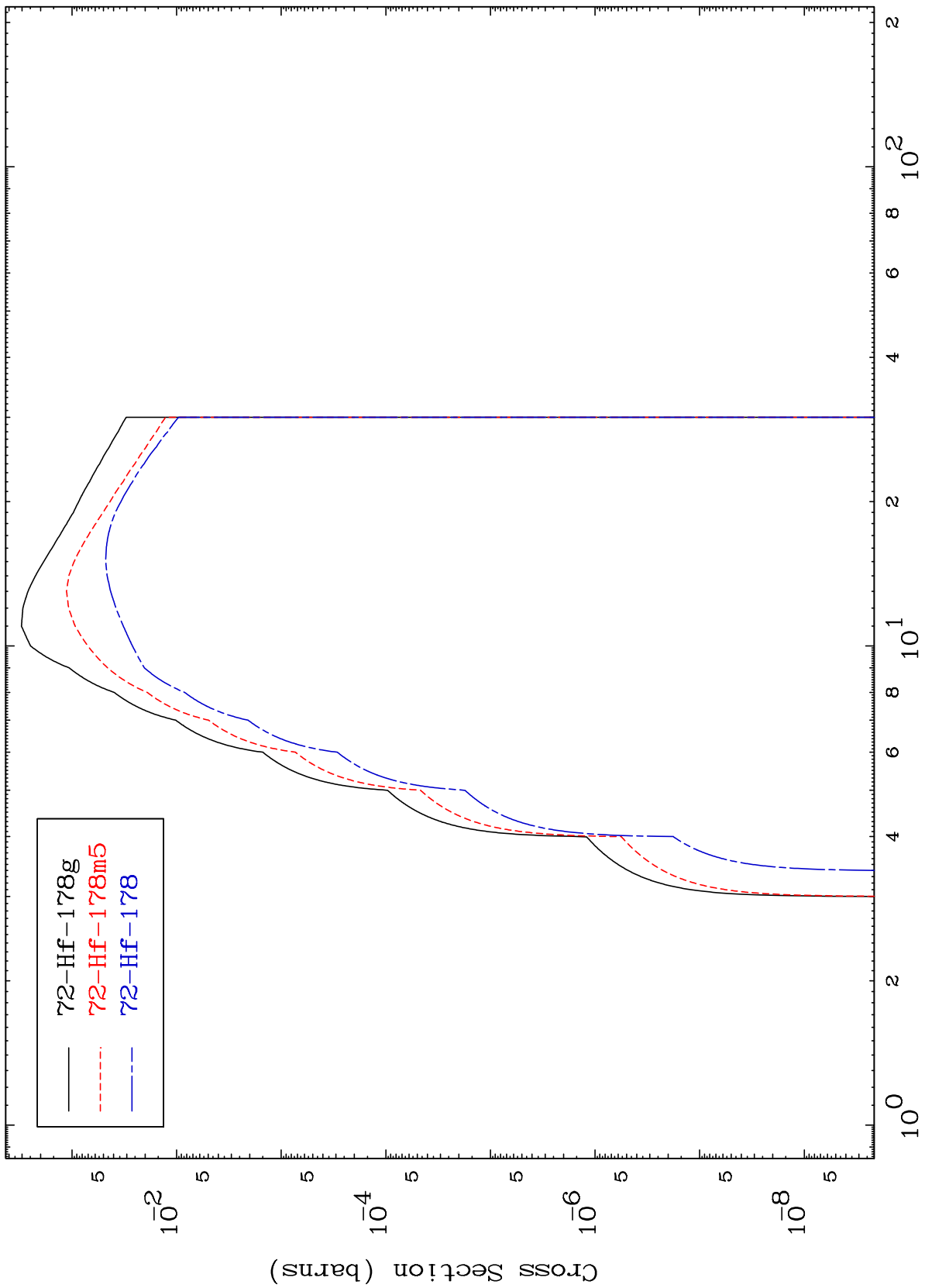
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

Radionuclide Production Cross Section



72-Hf-178g
72-Hf-178m5
72-Hf-178

71-Lu-178

Incident Energy (MeV)

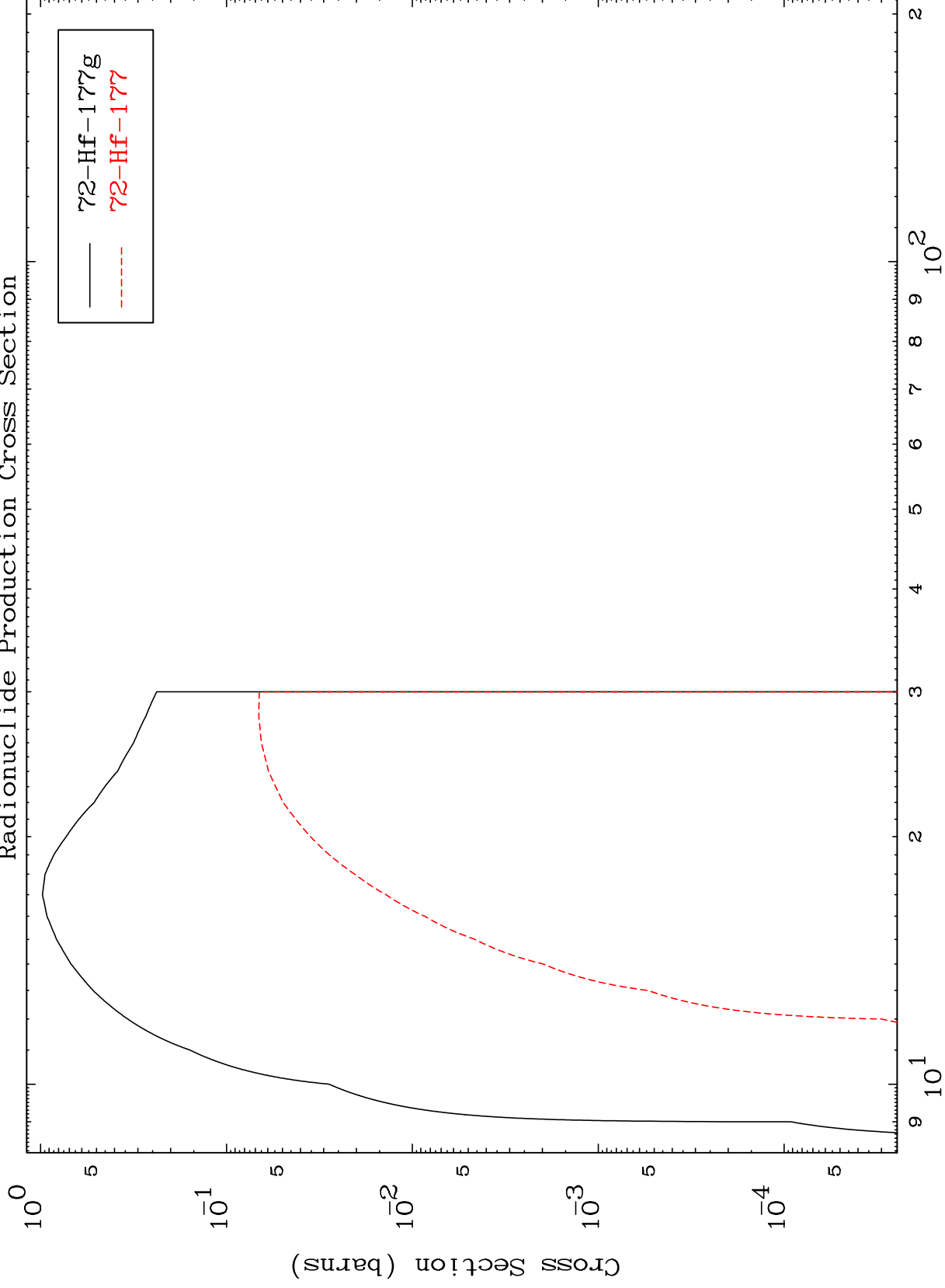
15

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(n,3n)

71-Lu-178

Radionuclide Production Cross Section



16

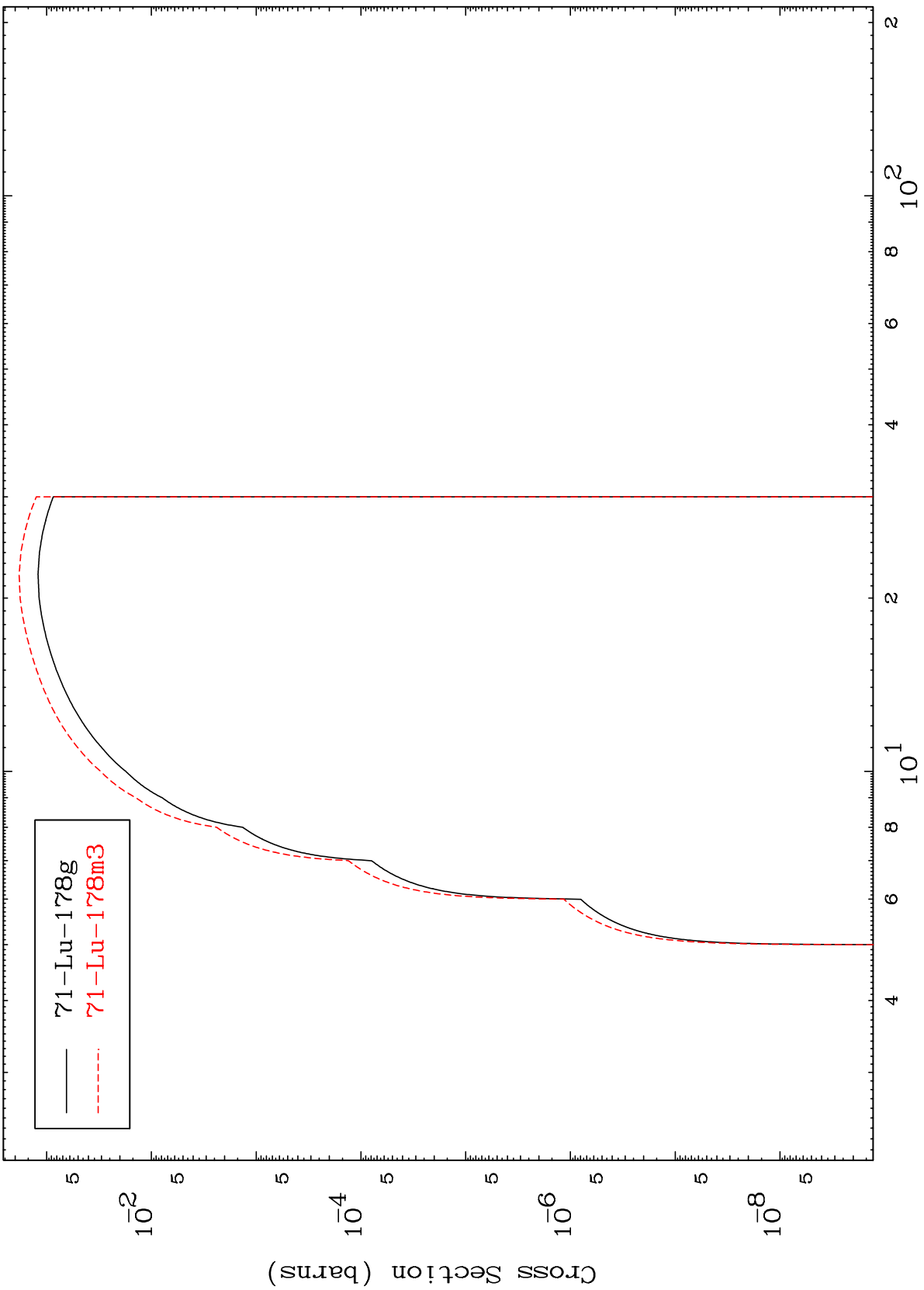
Incident Energy (MeV)

71-Lu-178

MAT 7134

⁷¹Lu-178

(n,n') p
Radionuclide Production Cross Section



17

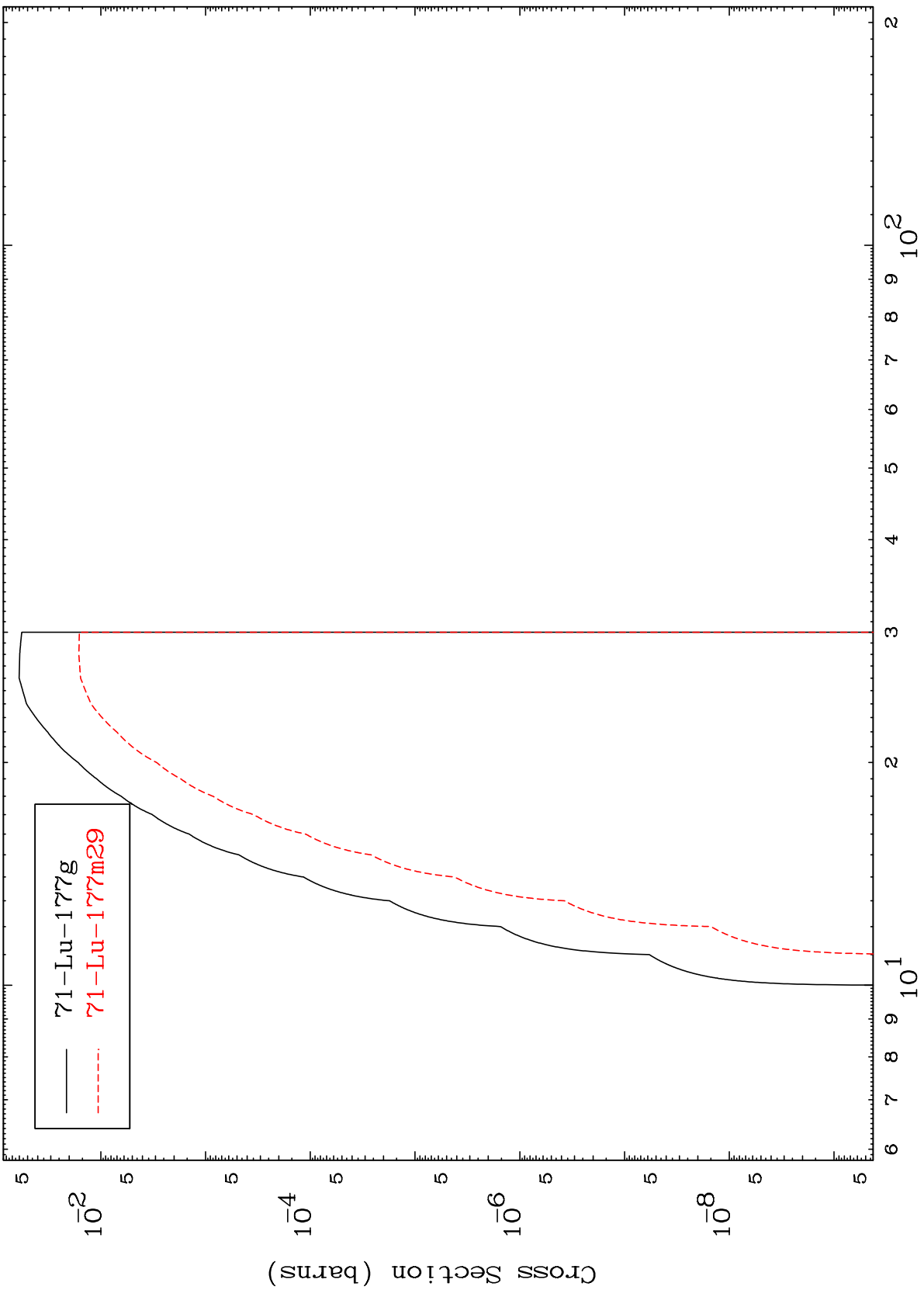
⁷¹Lu-178

MAT 7134

(n,n') d

71-Lu-178

Radionuclide Production Cross Section



18

Incident Energy (MeV)

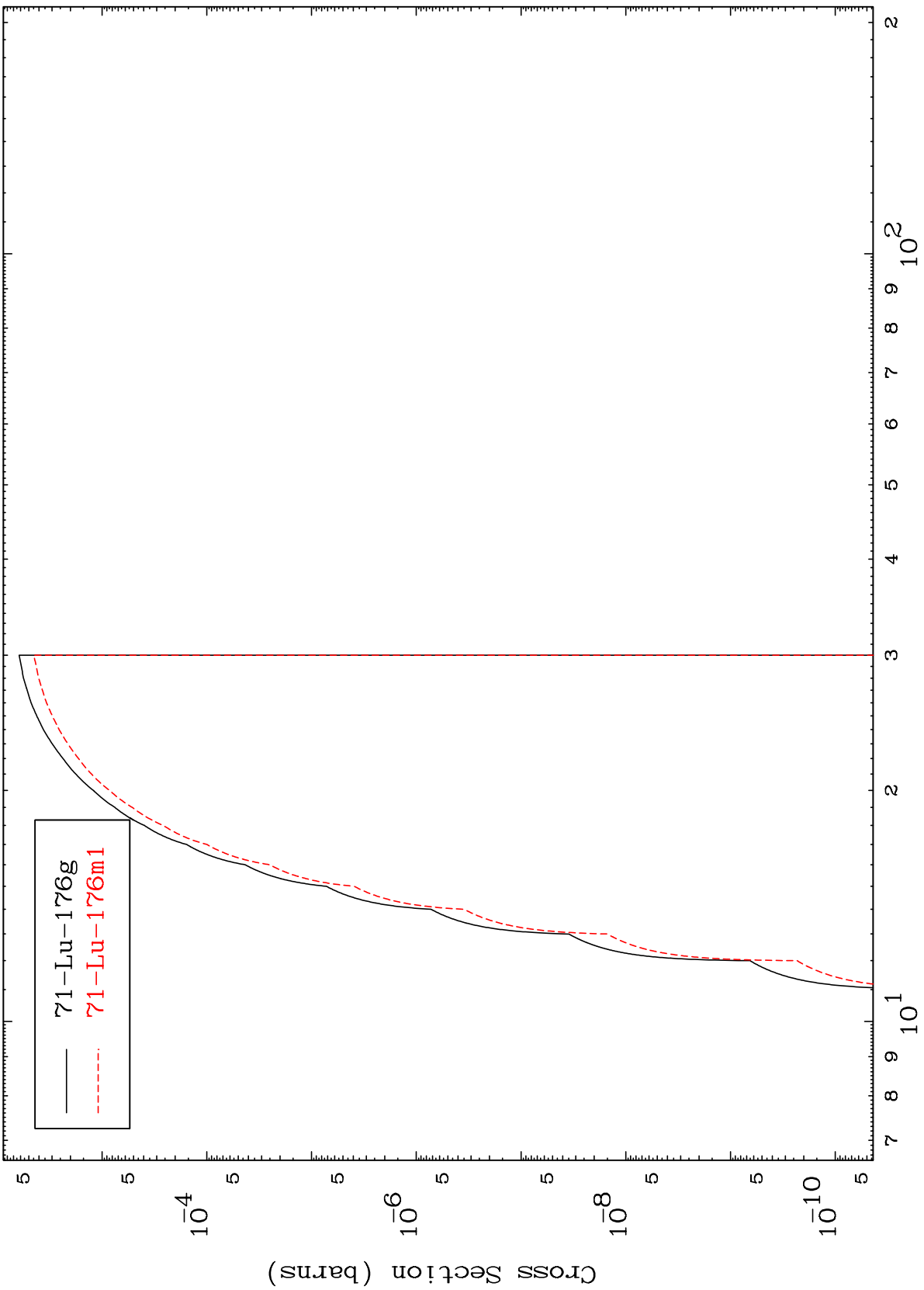
71-Lu-178

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(n,n') t

71-Lu-178

Radionuclide Production Cross Section



71-Lu-176g
71-Lu-176m1

19

Incident Energy (MeV)

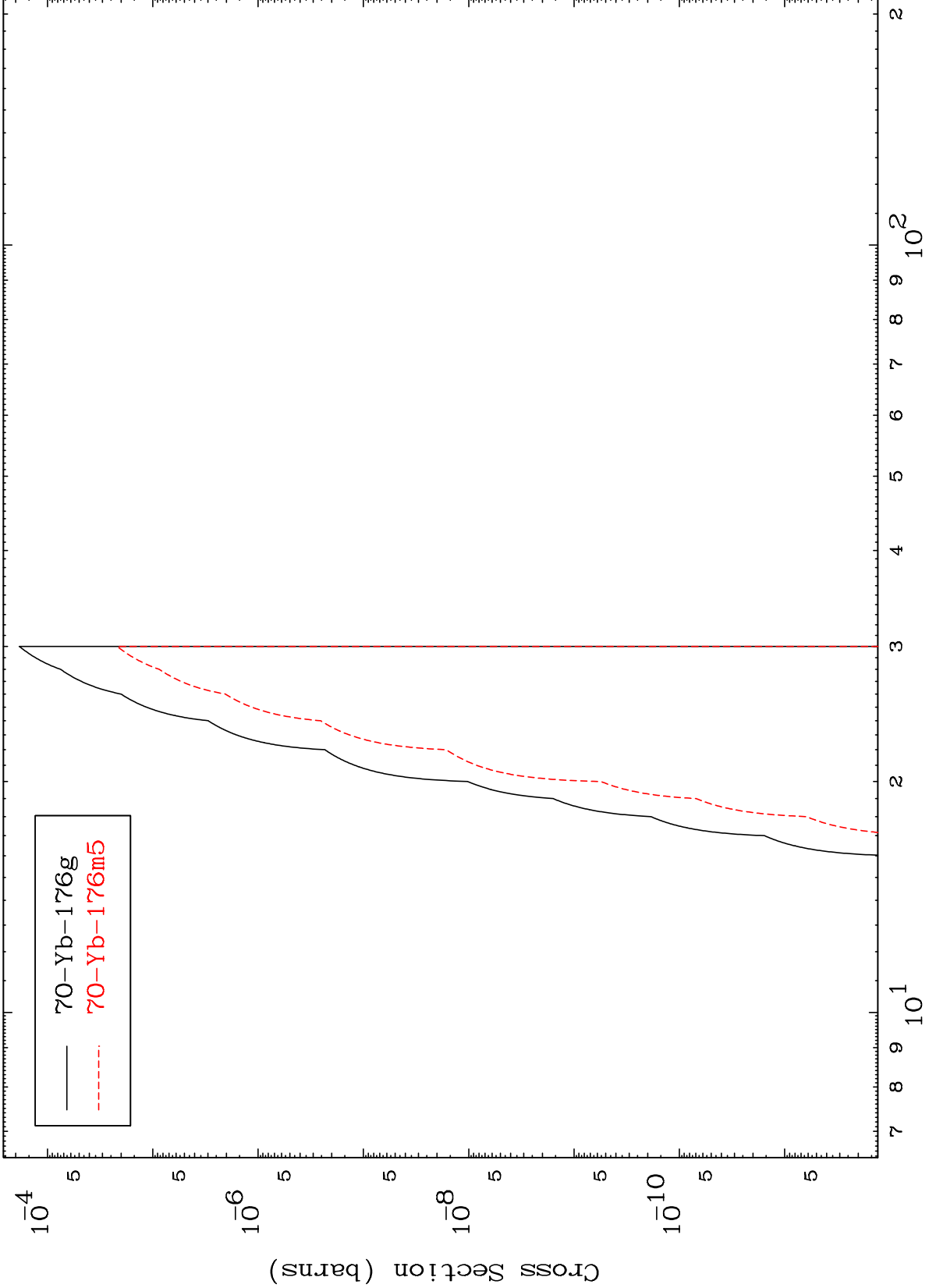
71-Lu-178

MAT 7134

(n,n') He-3

71-Lu-178

Radionuclide Production Cross Section



20

Incident Energy (MeV)

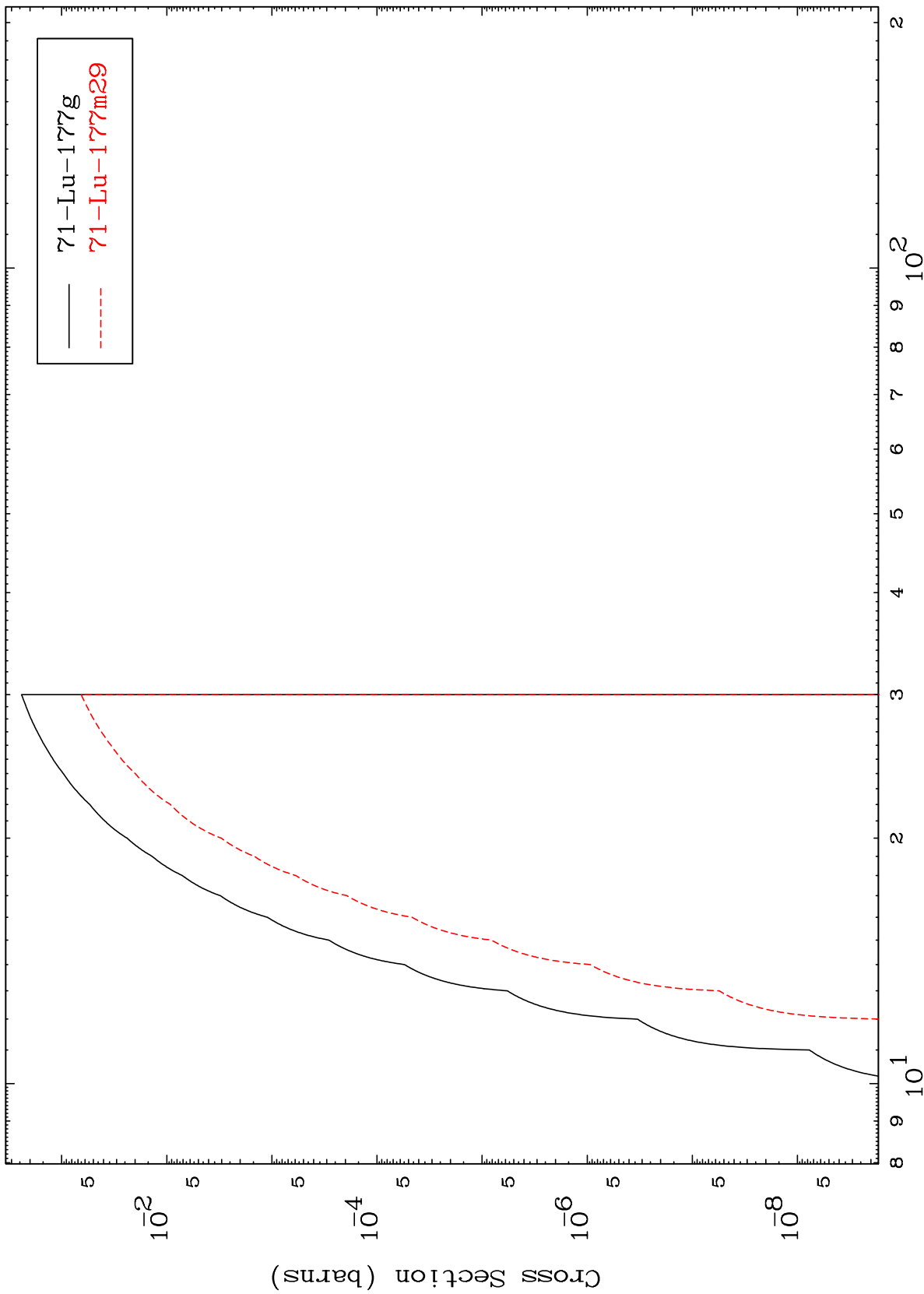
71-Lu-178

MAT 7134

(n,2n) p

71-Lu-178

Radionuclide Production Cross Section

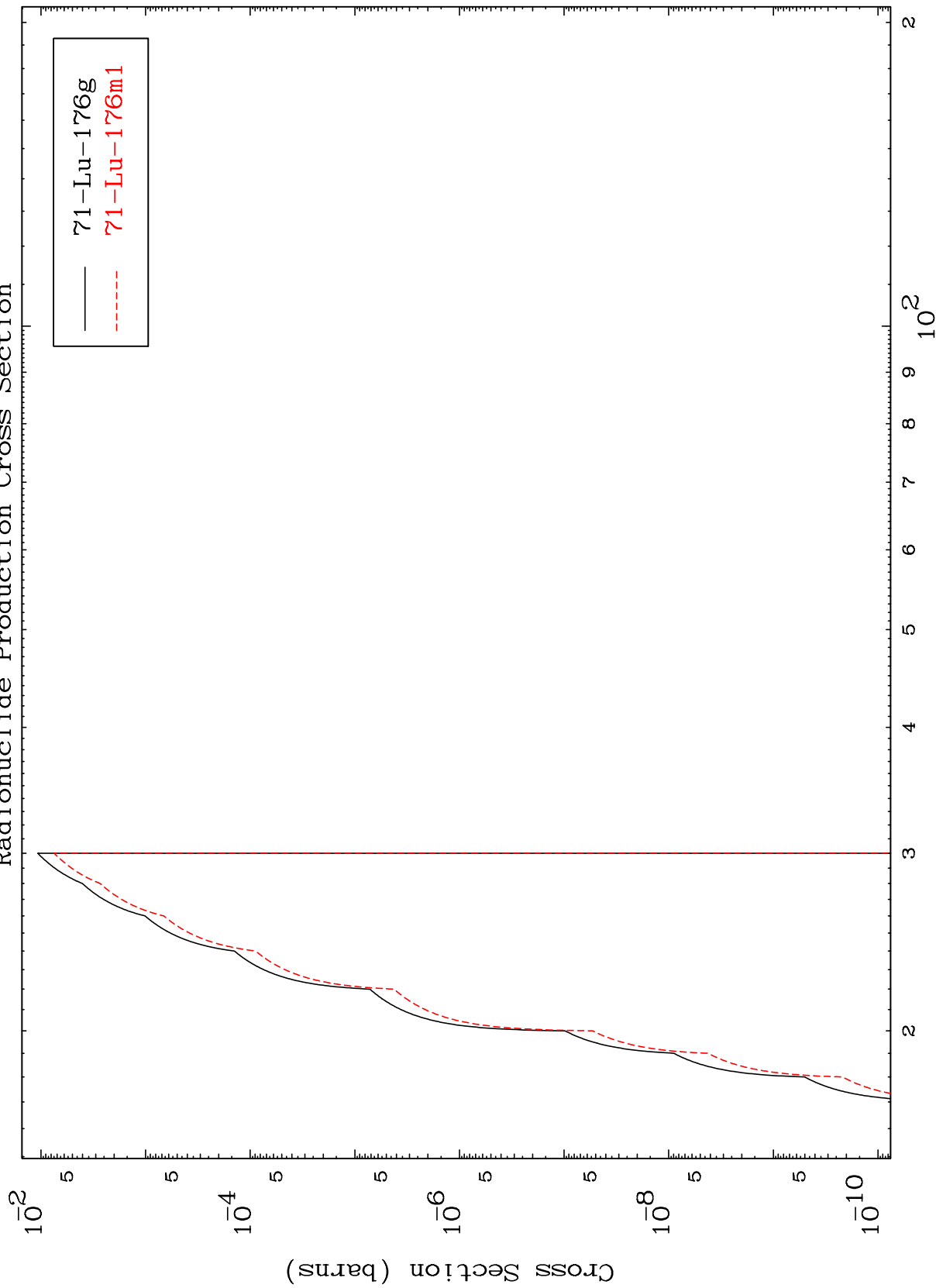


21

Incident Energy (MeV)

71-Lu-178

Radionuclide Production Cross Section

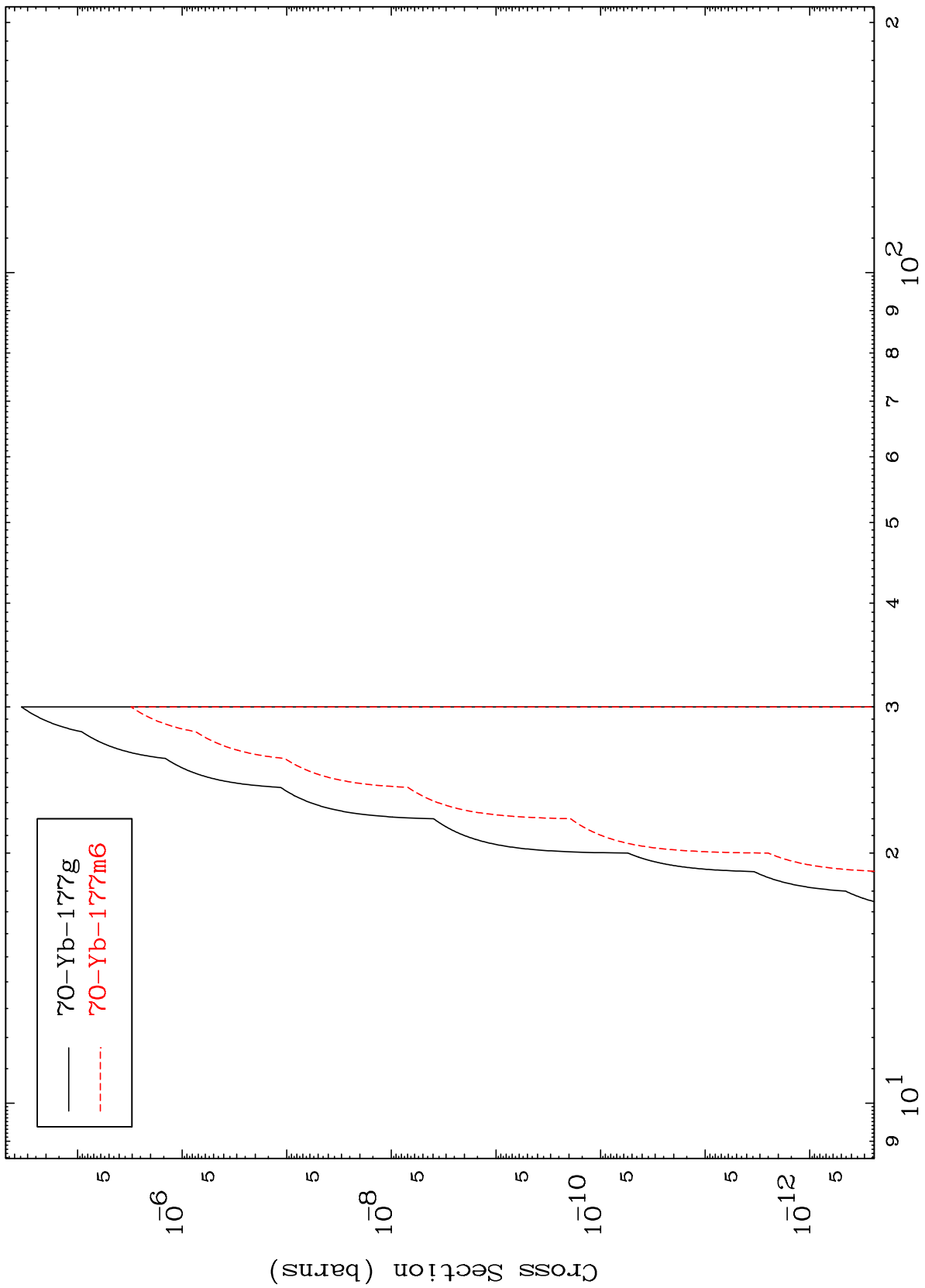


MAT 7134

(n,2n) p

71-Lu-178

Radionuclide Production Cross Section



23

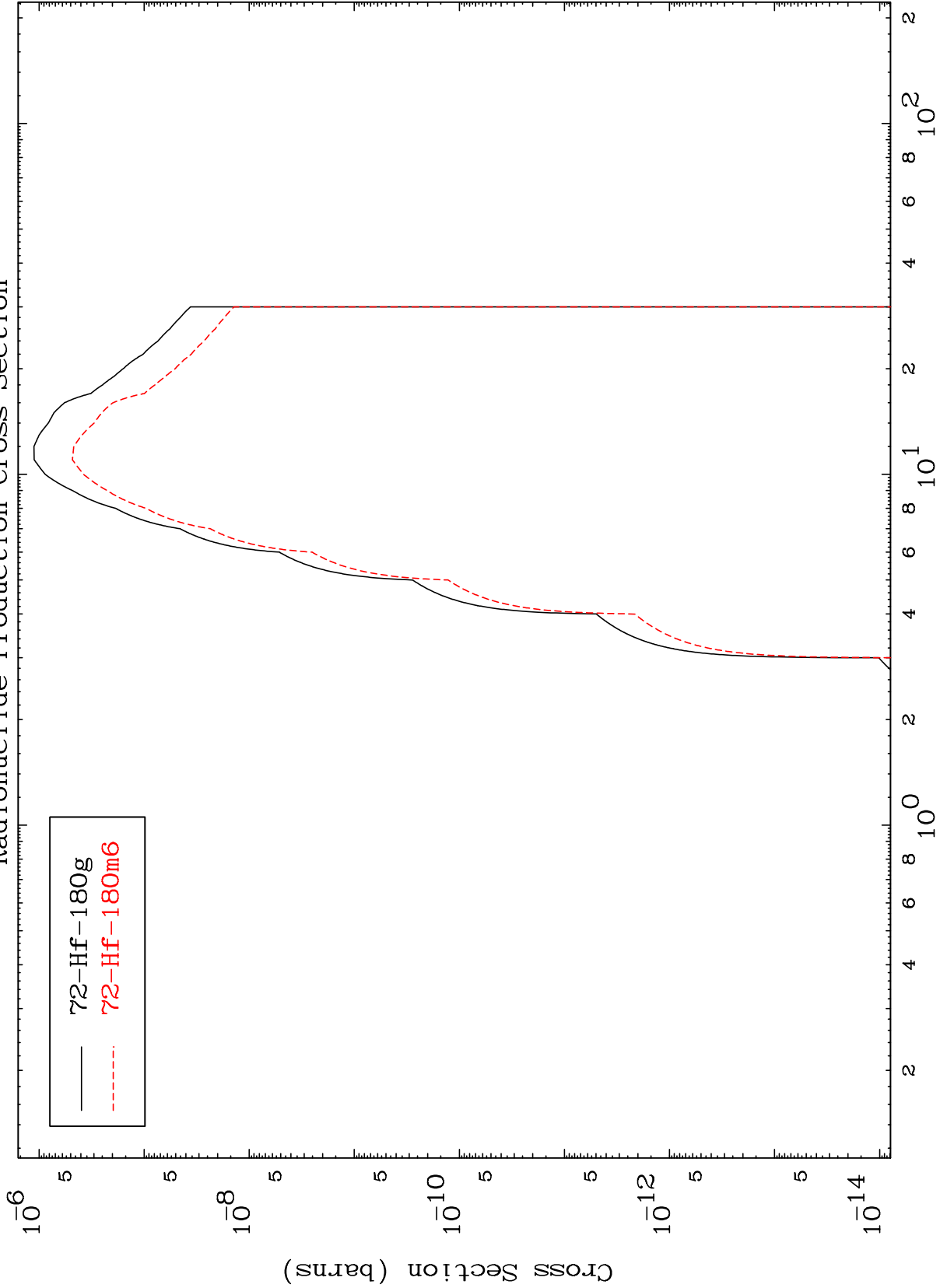
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

(n, γ)
Radionuclide Production Cross Section



— 72-Hf-180g
- - - 72-Hf-180m6

71-Lu-178

Incident Energy (MeV)

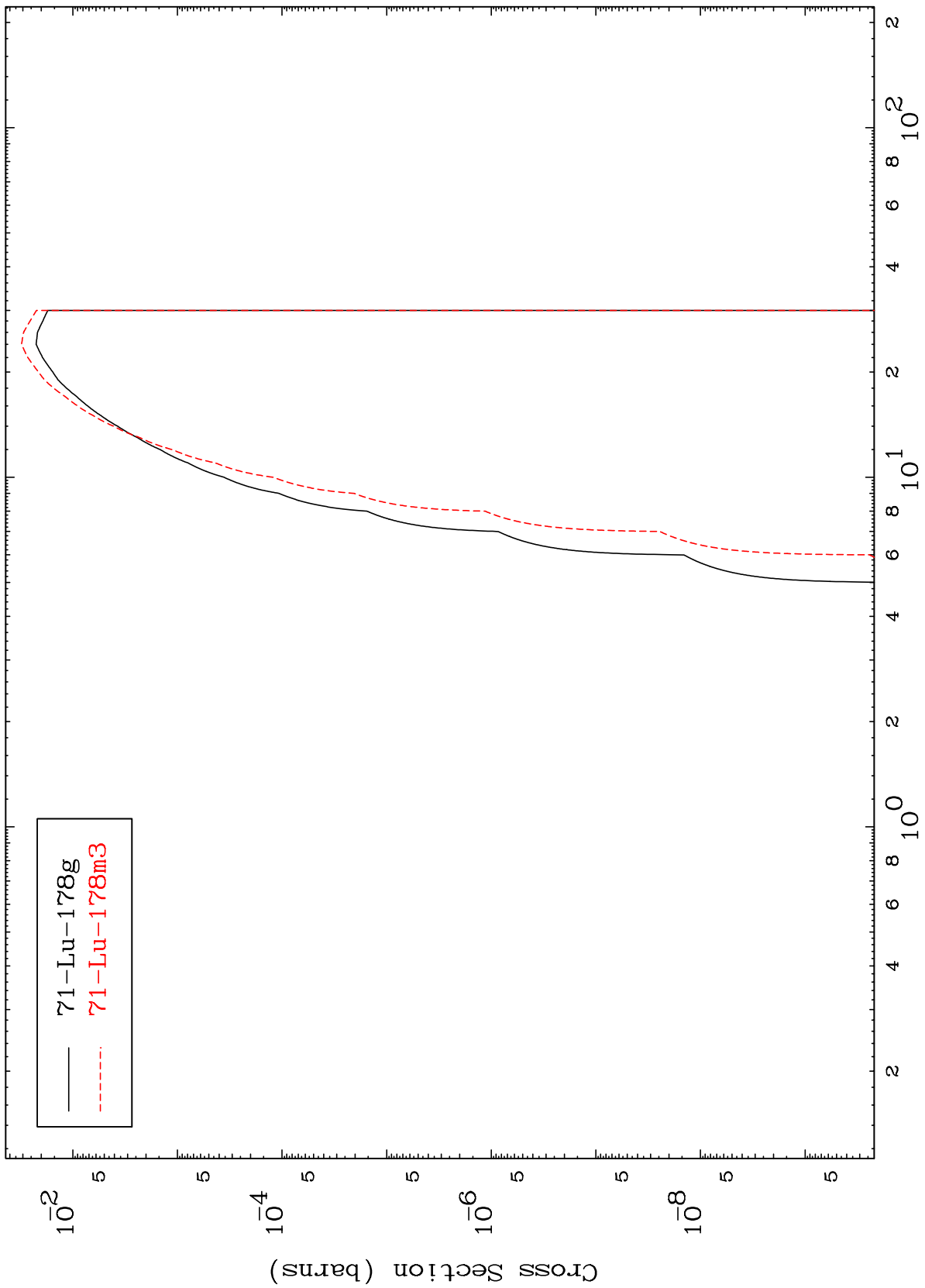
24

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(n, d)

⁷¹Lu-178

Radionuclide Production Cross Section

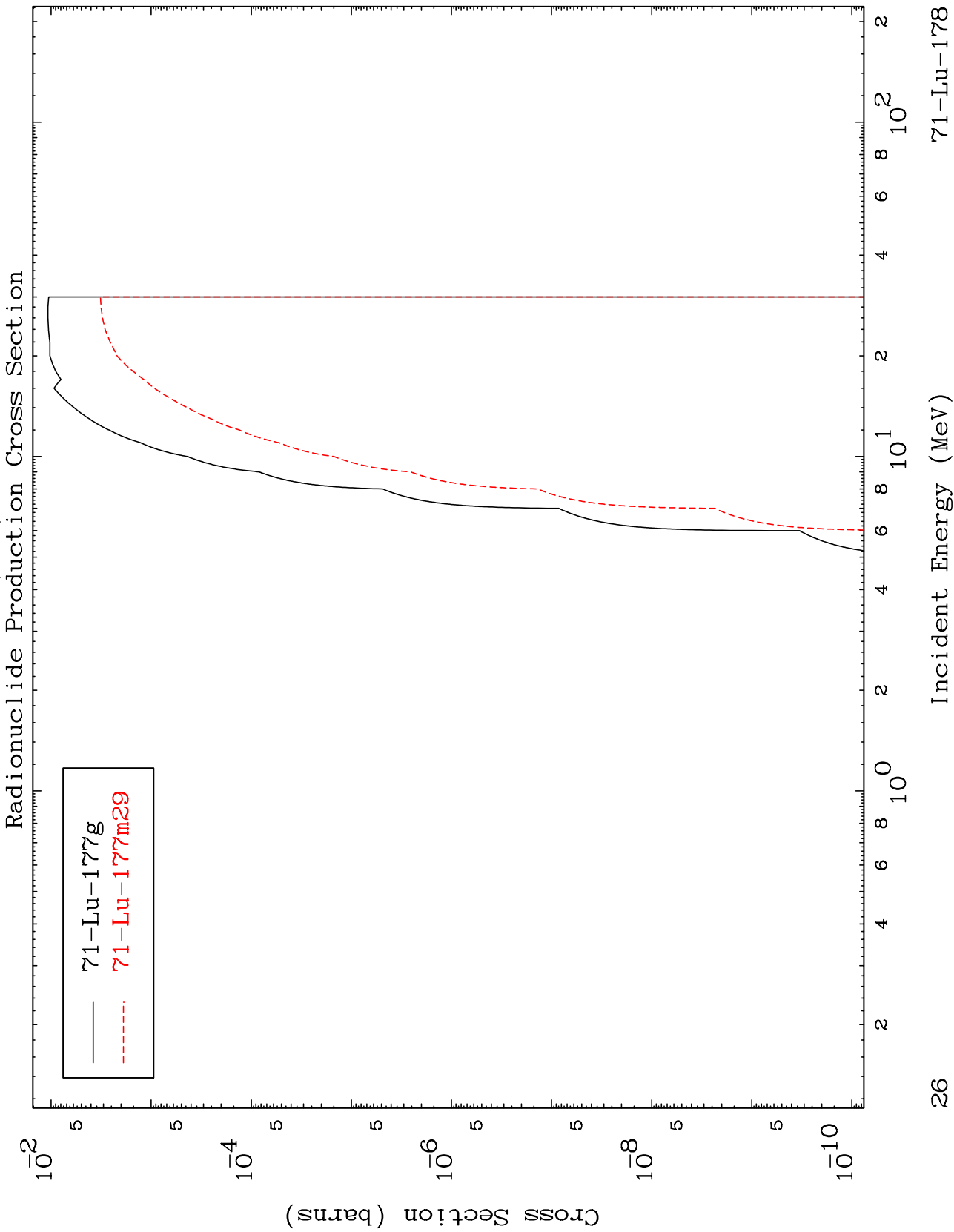


— ⁷¹Lu-178g
- - - ⁷¹Lu-178m3

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(n, t)

⁷¹Lu-178

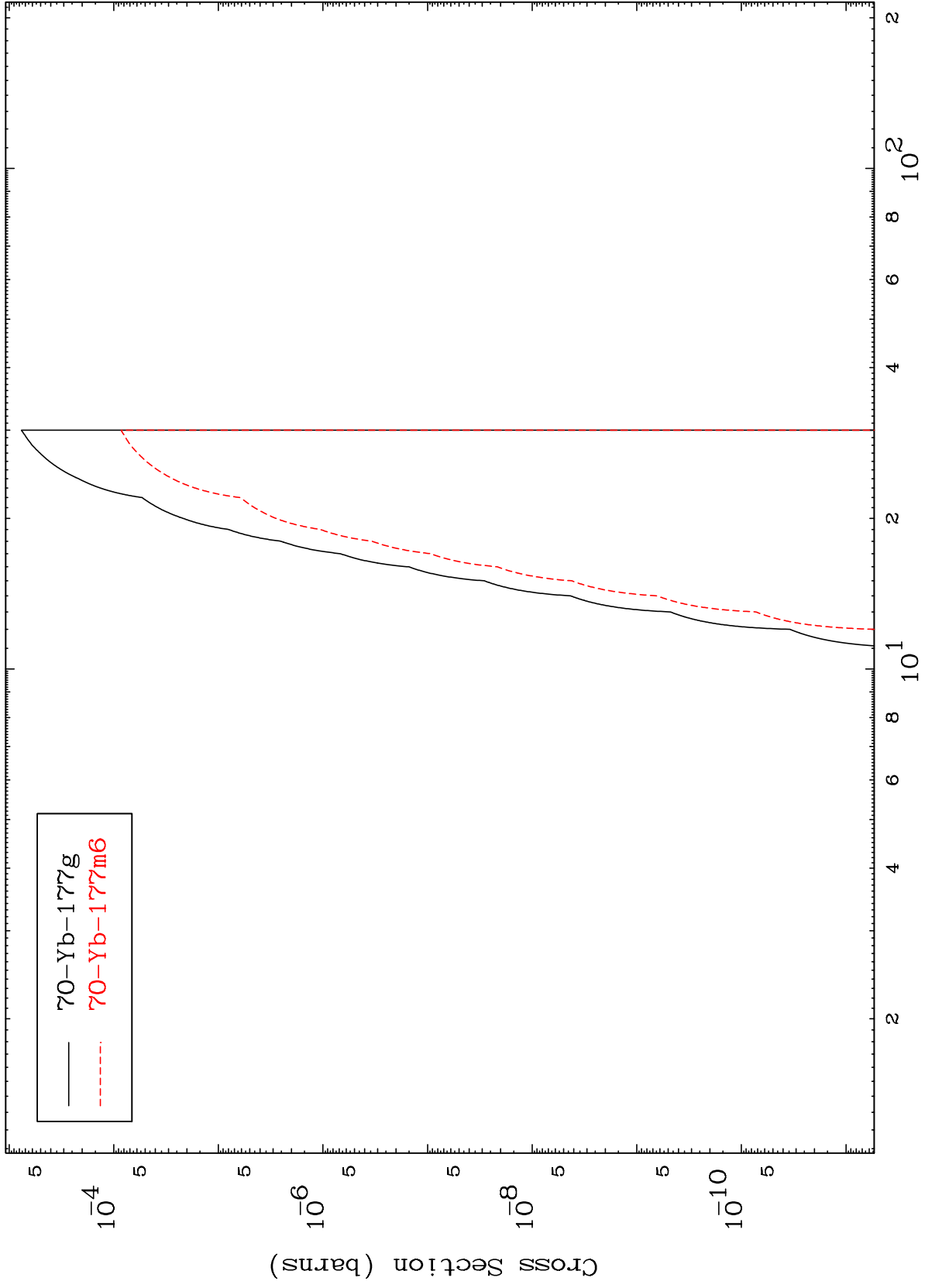


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(n,He-3)

71-Lu-178

Radionuclide Production Cross Section



27

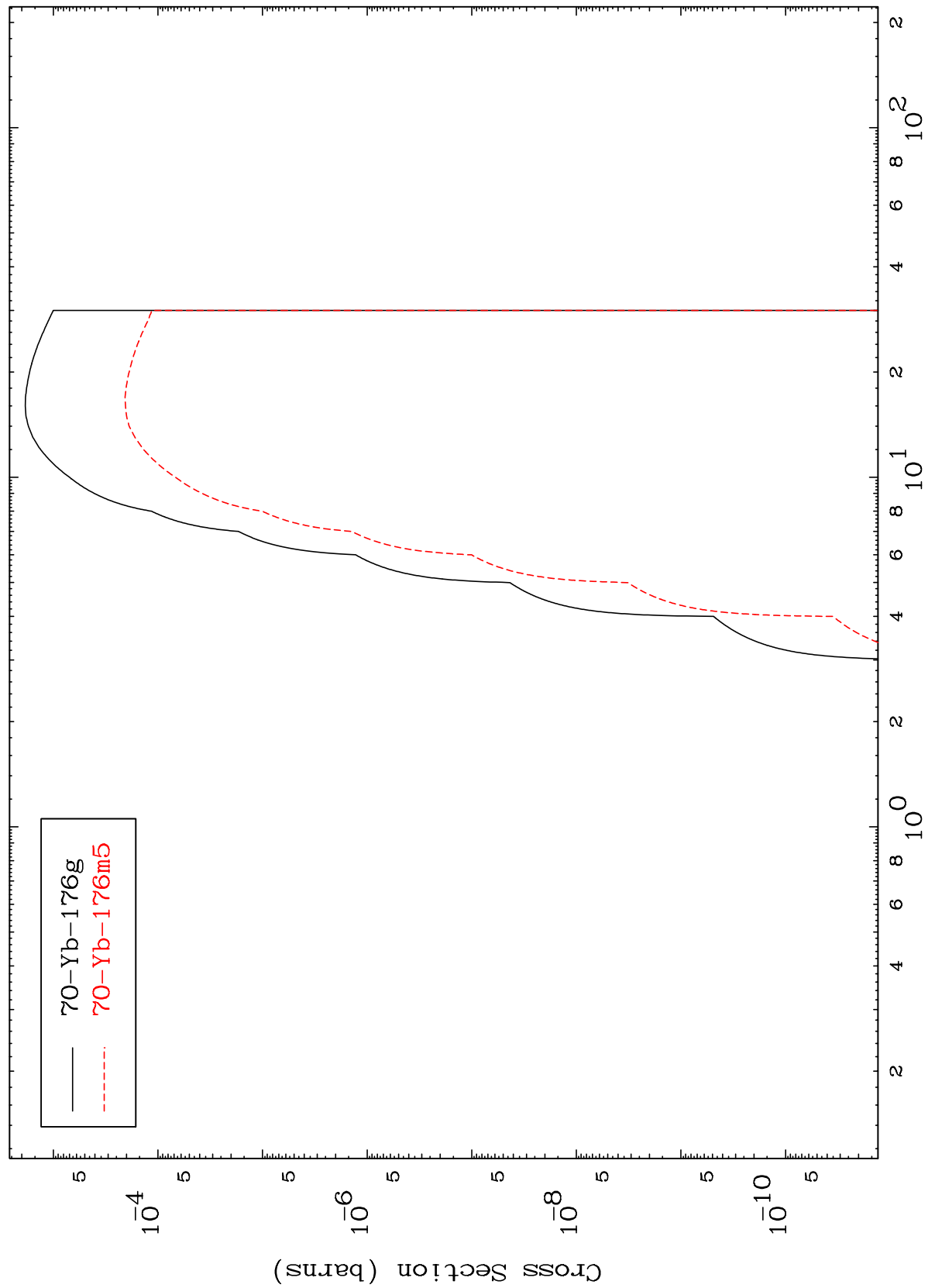
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

Radionuclide Production Cross Section
(n, α)



71-Lu-178

Incident Energy (MeV)

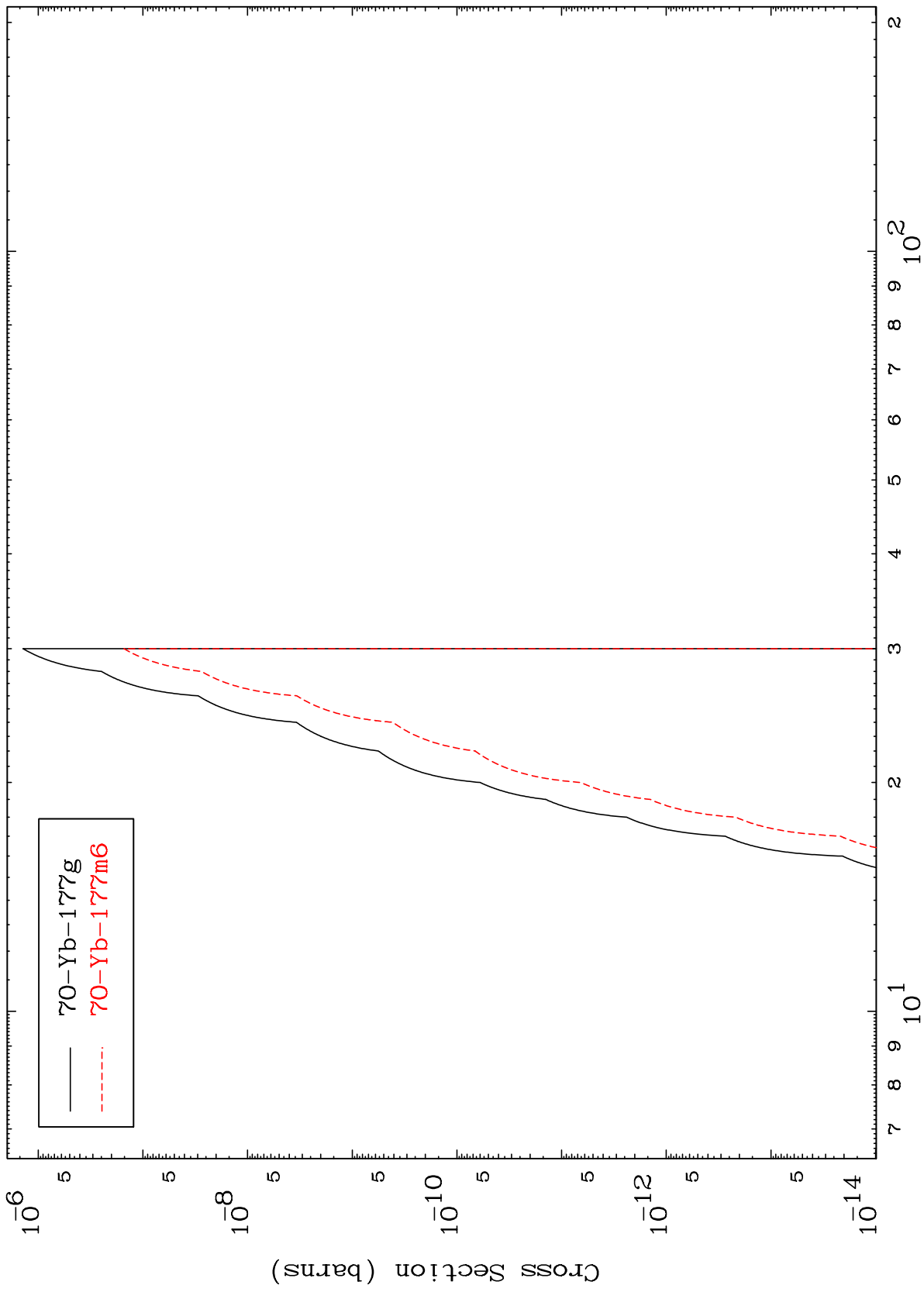
28

MAT 7134

(n,p) d

⁷¹Lu-178

Radionuclide Production Cross Section



29

Incident Energy (MeV)

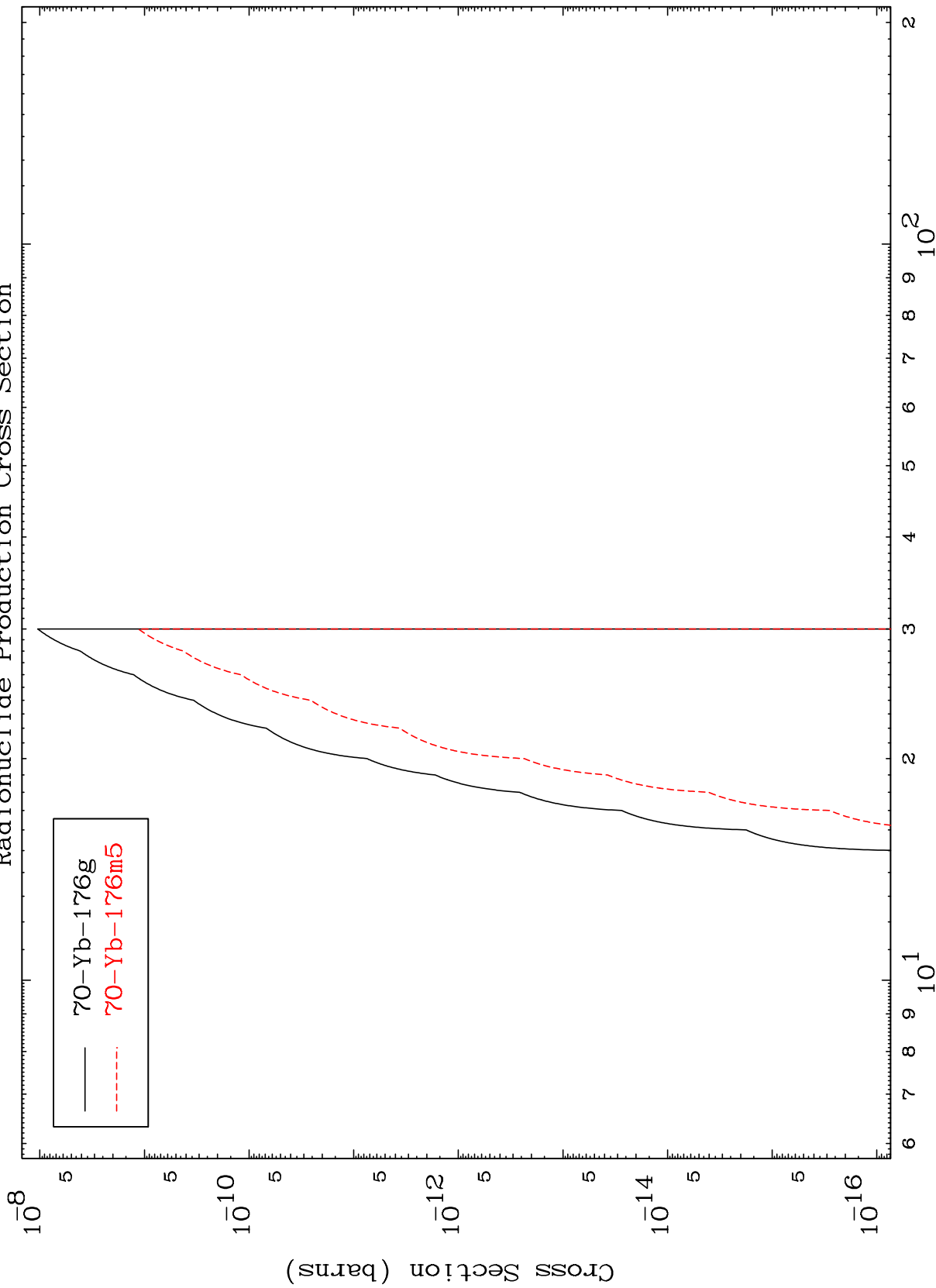
⁷¹Lu-178

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(n,p) t

71-Lu-178

Radionuclide Production Cross Section



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

Incident Energy (MeV)

71-Lu-178

30