

Program EVALPLOT
(Version 2021-1)

by

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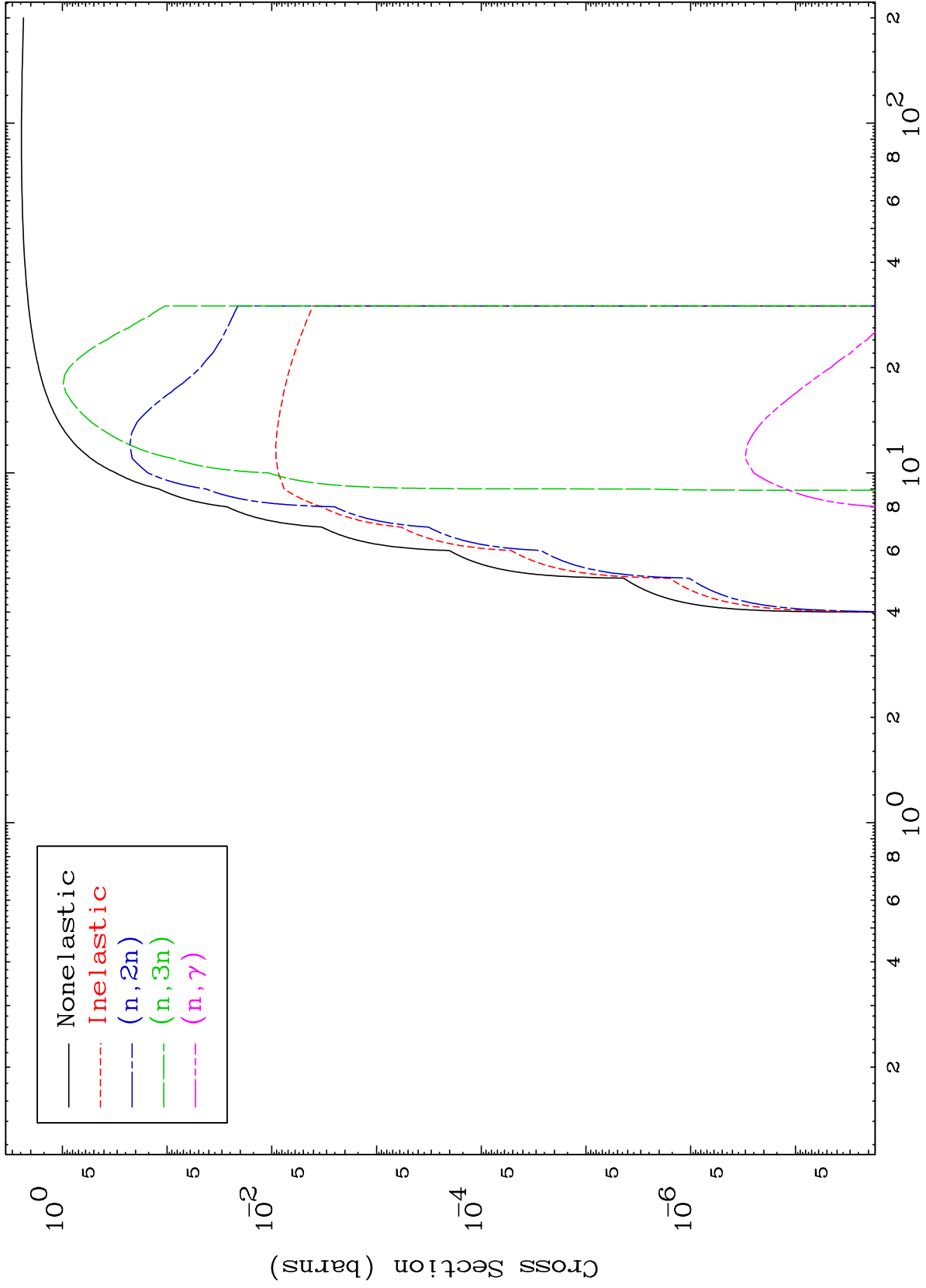
Press Mouse Button to Start

MAT 7131

Triton Major

71-Lu-177

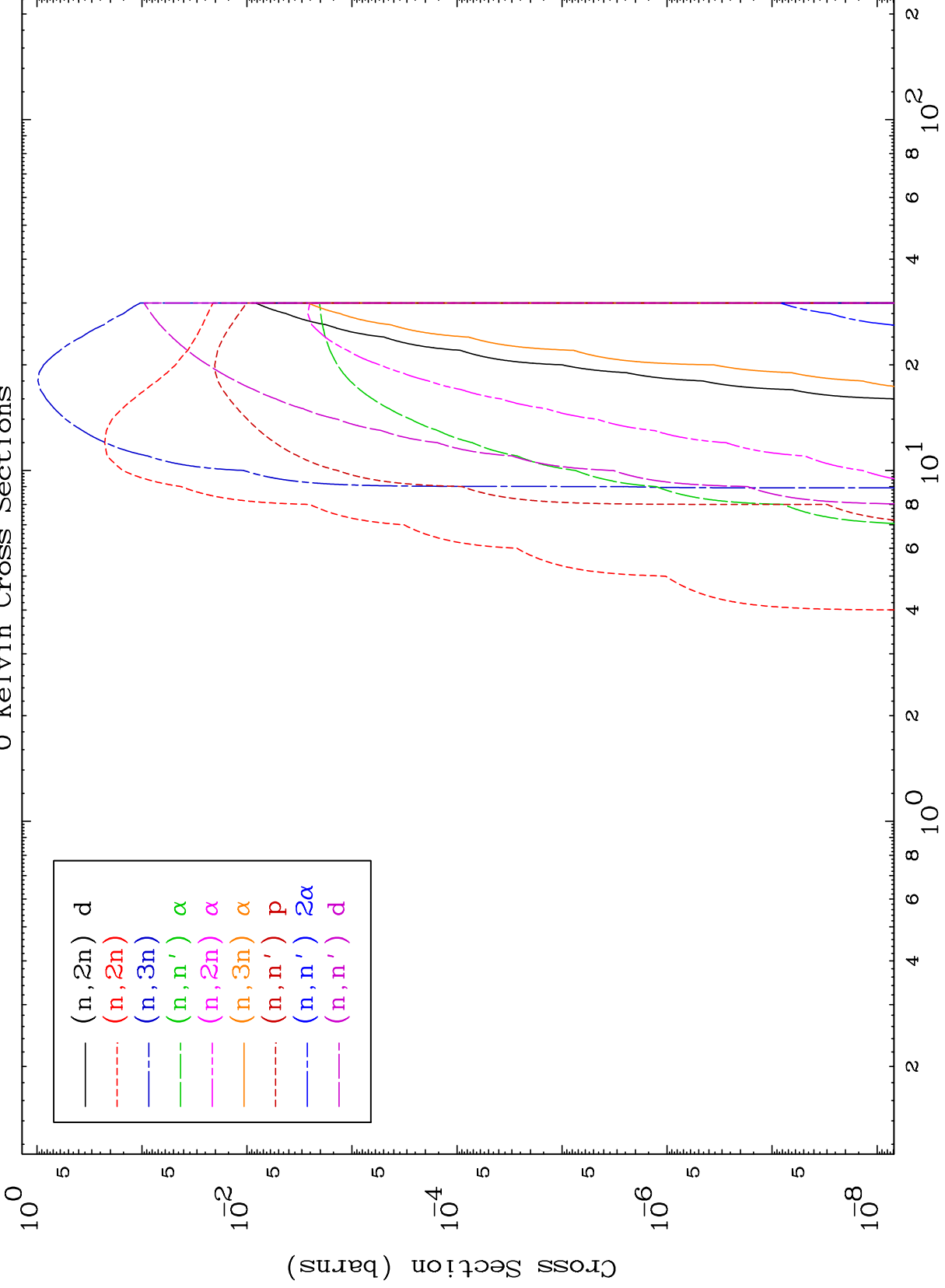
0 Kelvin Cross Sections



MAT 7131

Triton Neutron Absorption
0 Kelvin Cross Sections

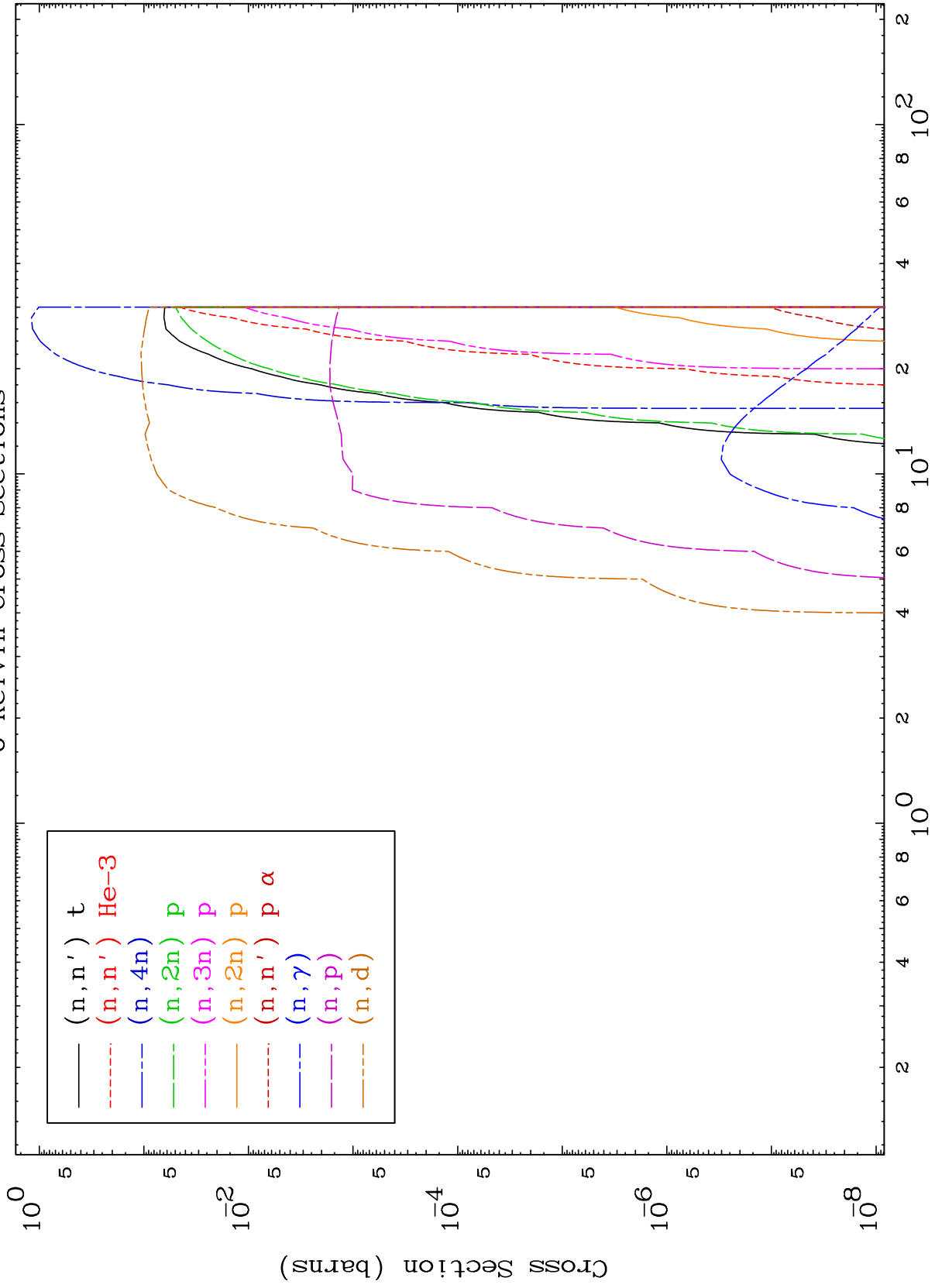
71-Lu-177



MAT 7131

Triton Neutron Absorption
0 Kelvin Cross Sections

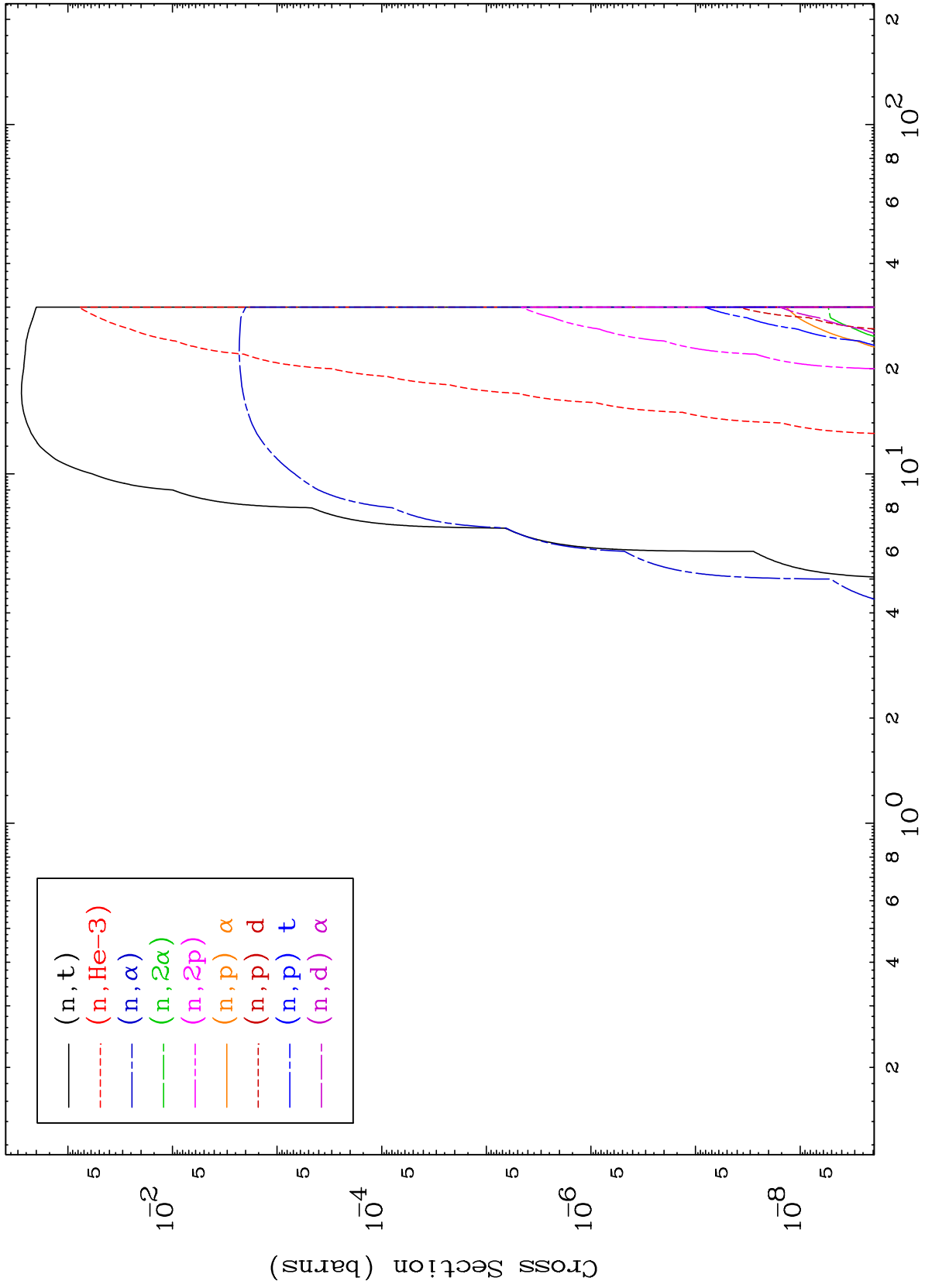
71-Lu-177



MAT 7131

Triton Neutron Absorption
0 Kelvin Cross Sections

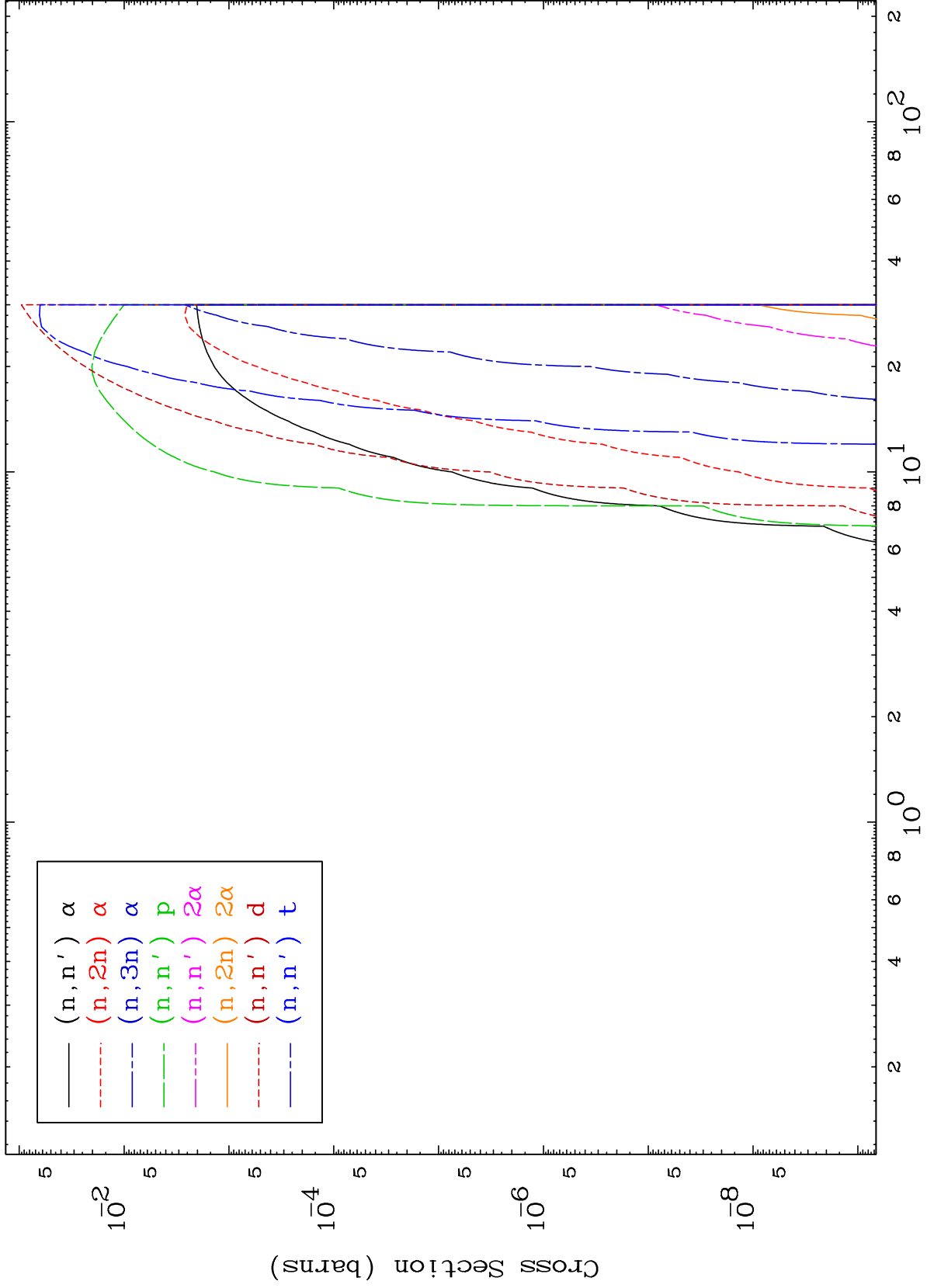
71-Lu-177



MAT 7131

Triton Charged Particle
0 Kelvin Cross Sections

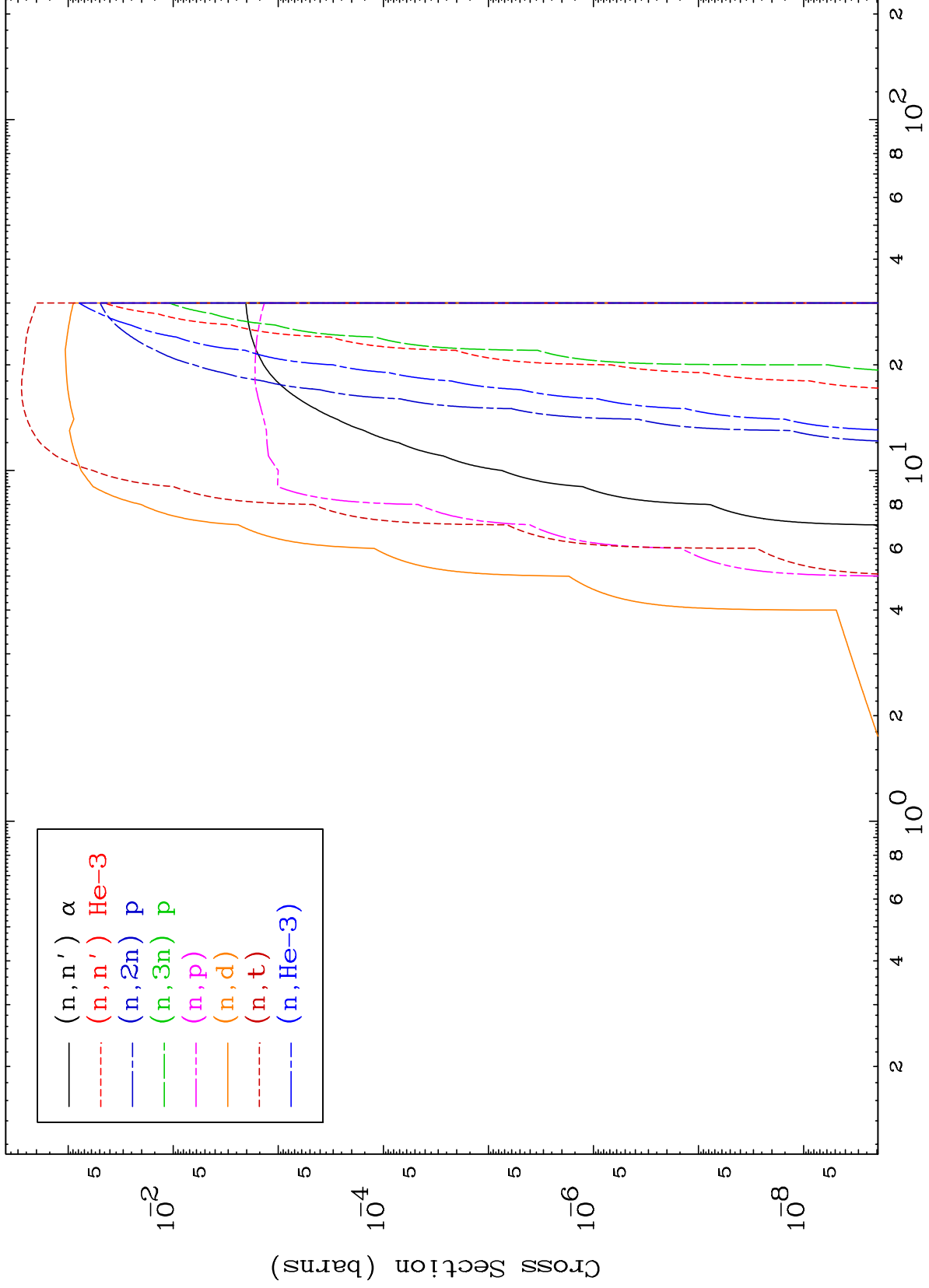
71-Lu-177

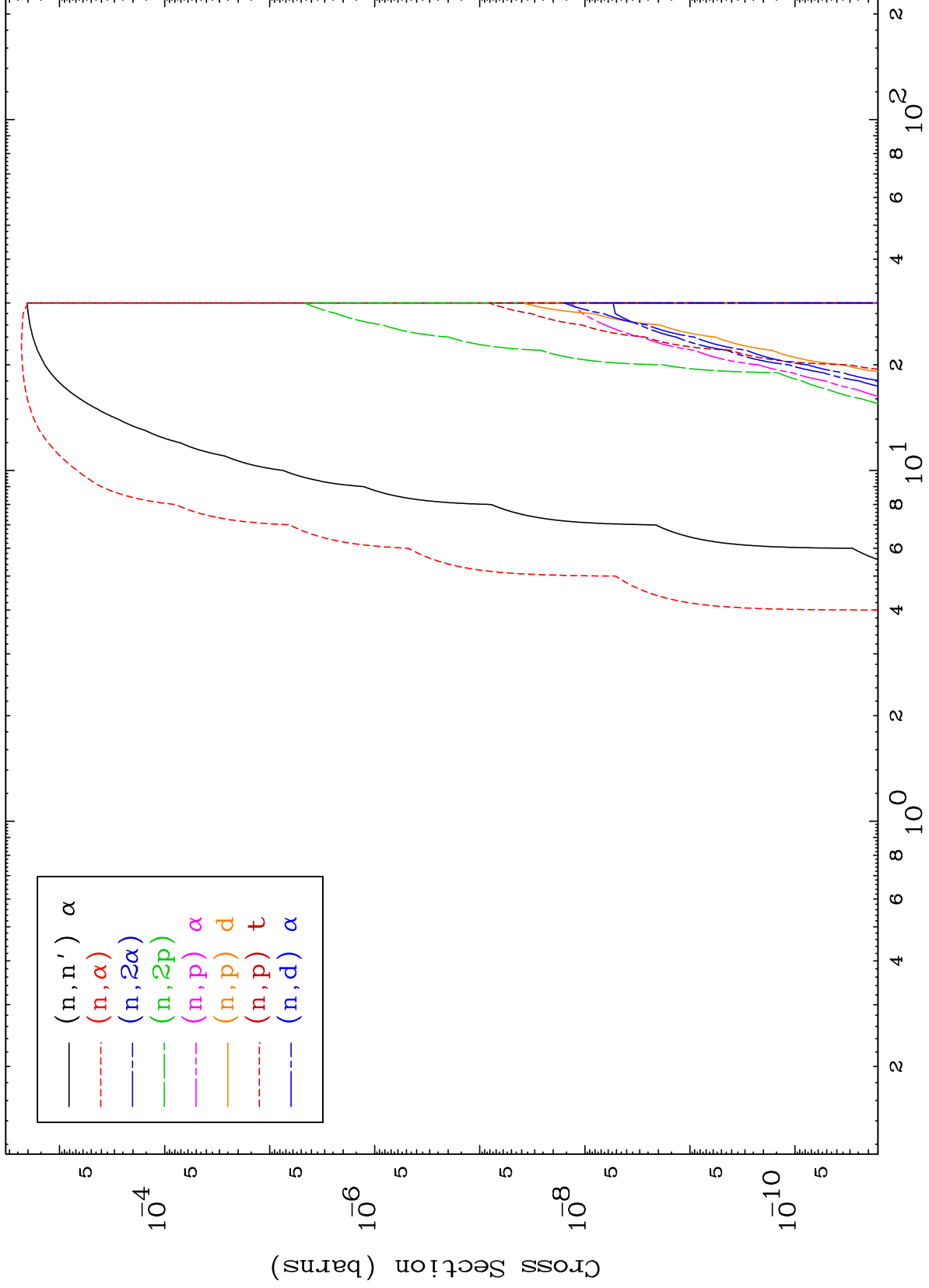


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Triton Charged Particle
0 Kelvin Cross Sections

71-Lu-177



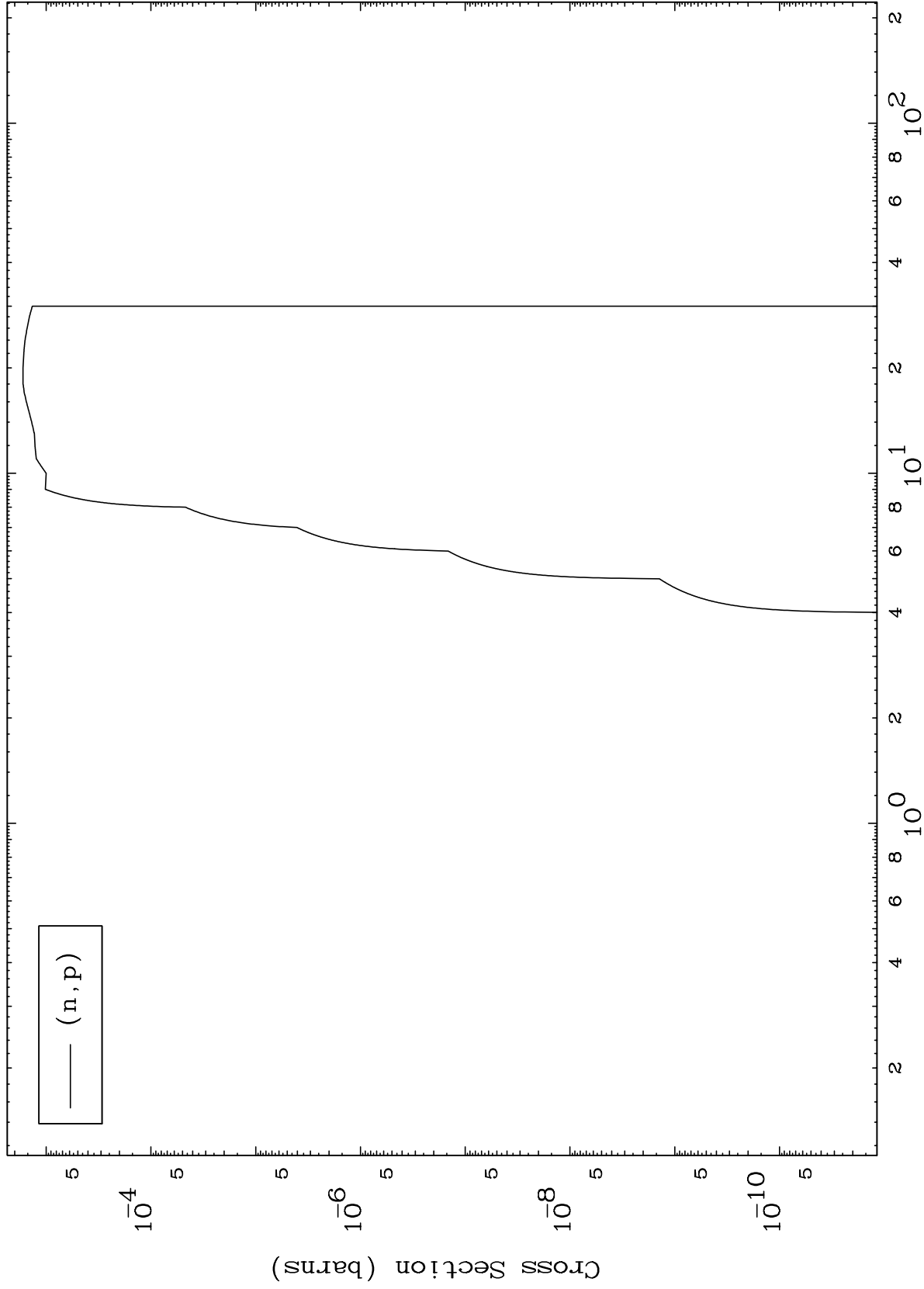


MAT 7131

(t,p) Levels

71-Lu-177

0 Kelvin Cross Sections

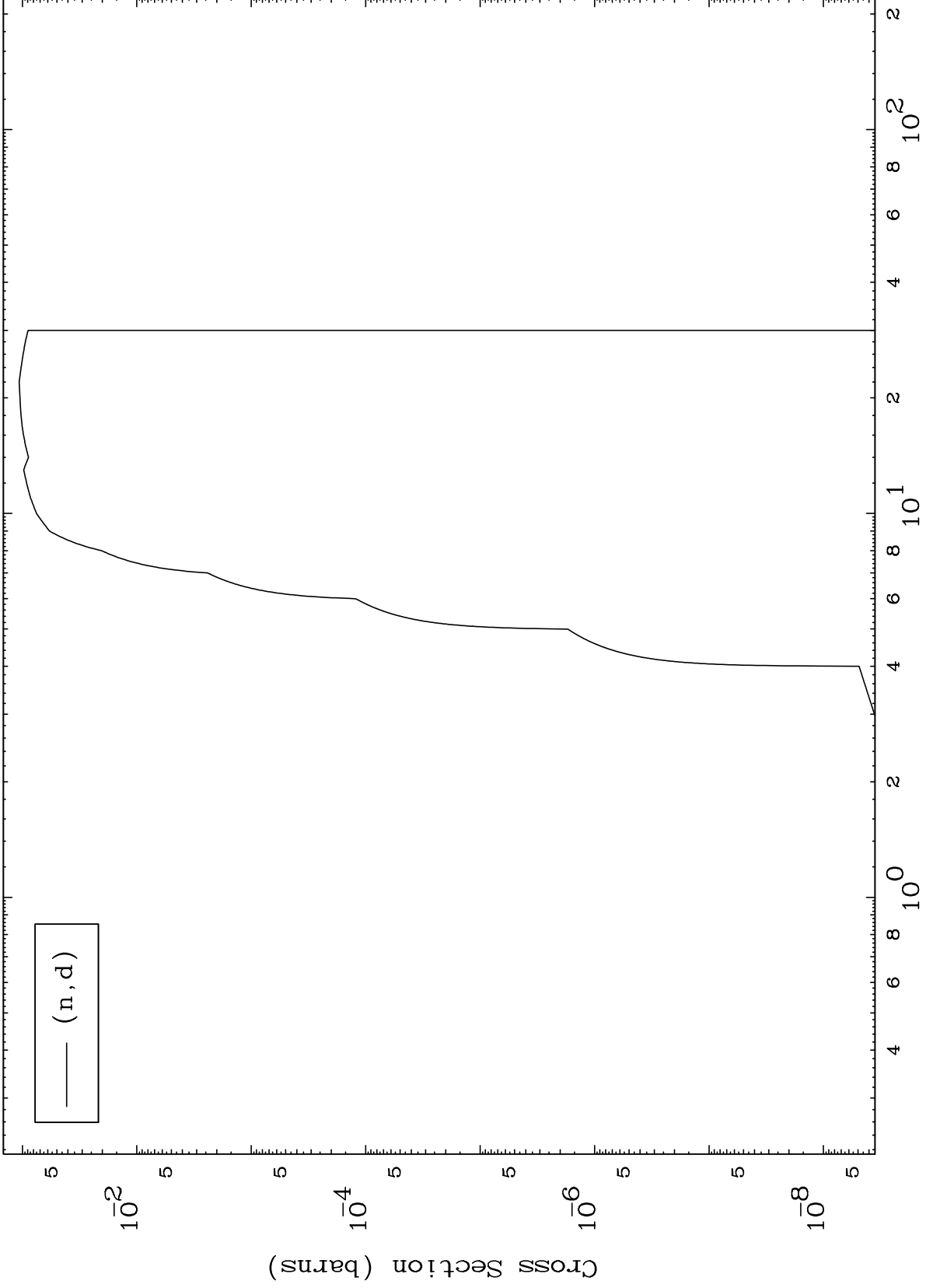


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(t,d) Levels

71-Lu-177

0 Kelvin Cross Sections

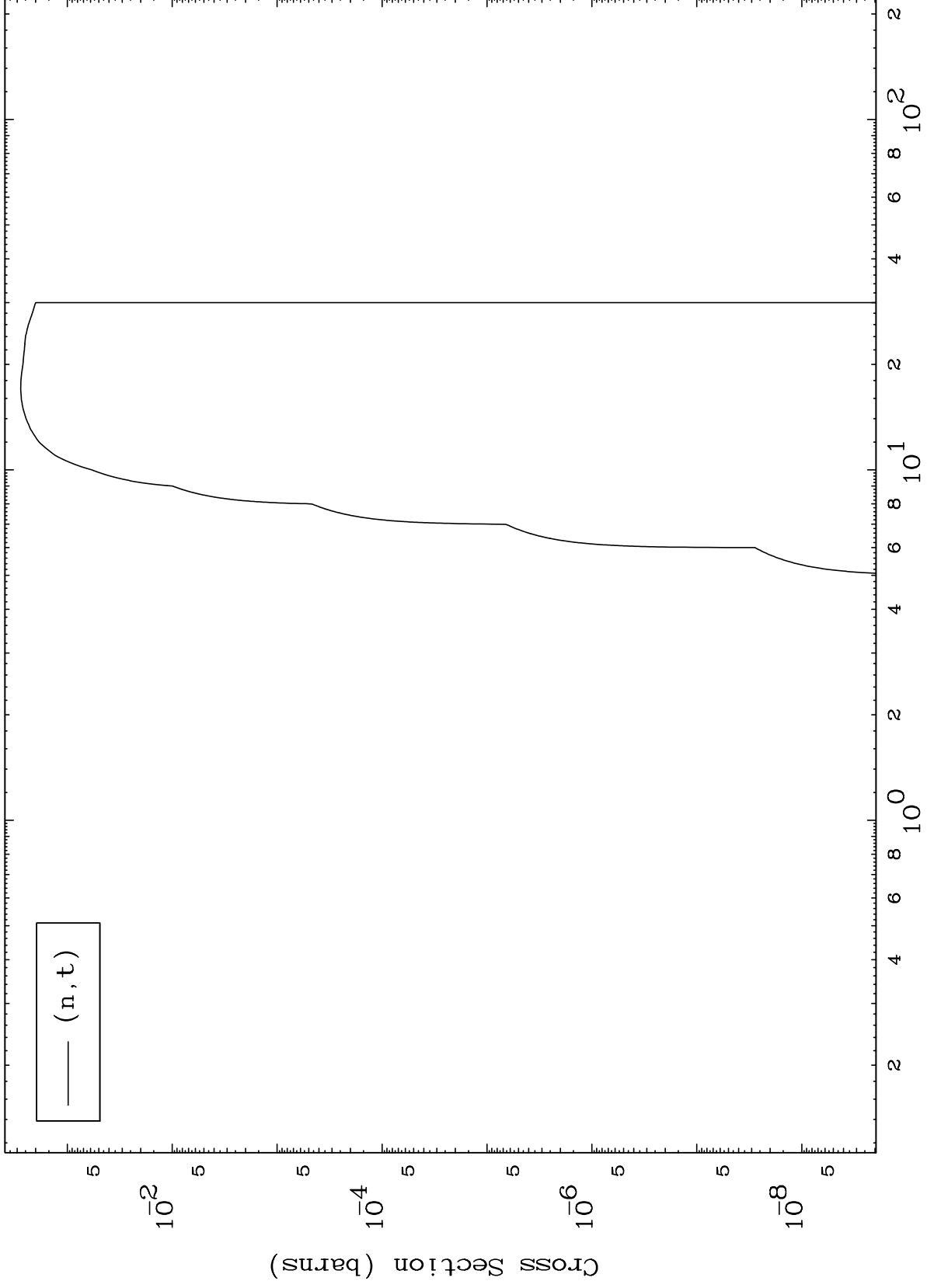


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(t, t) Levels

71-Lu-177

0 Kelvin Cross Sections



10

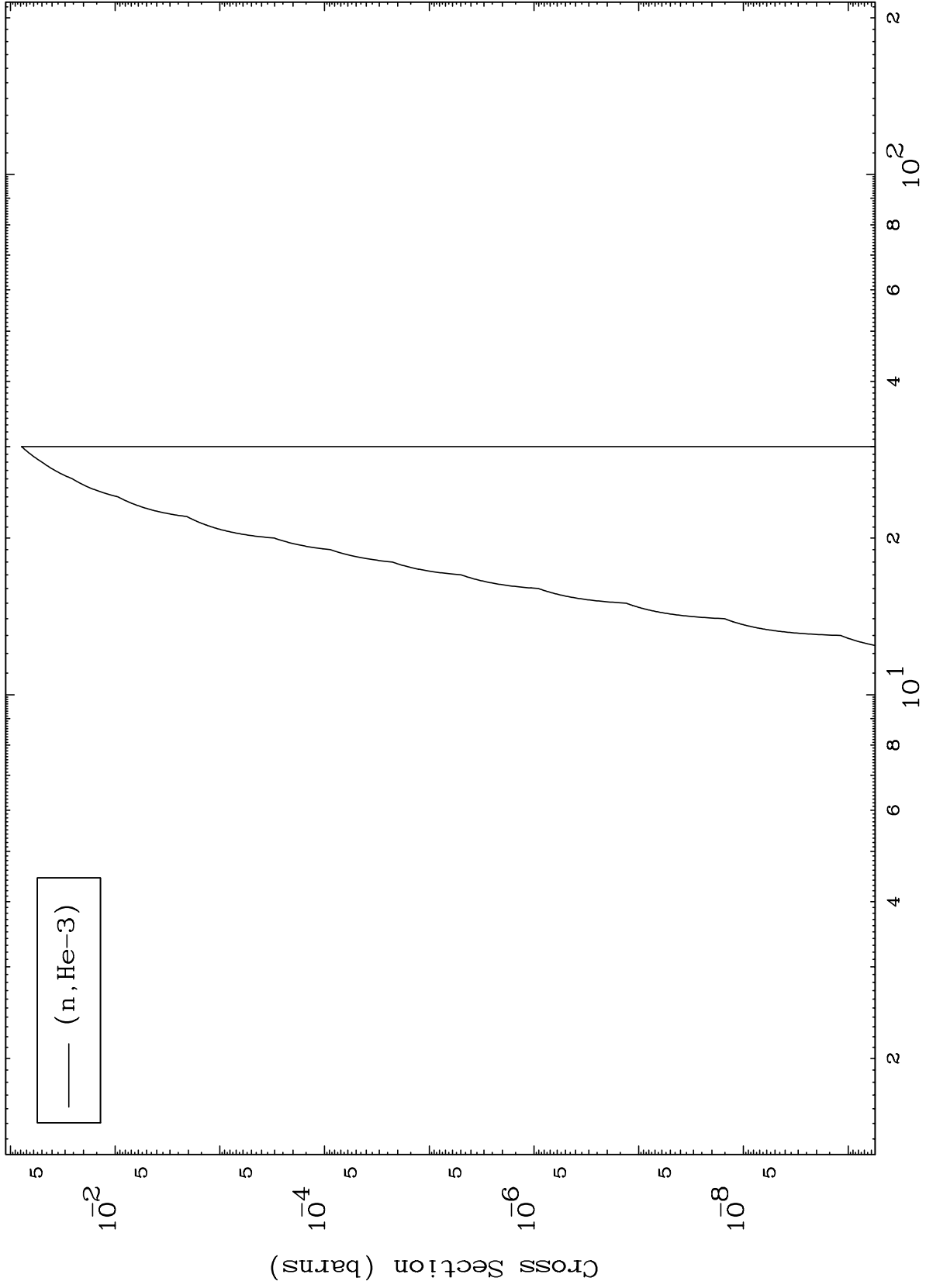
Incident Energy (MeV)

71-Lu-177

MAT 7131

(t,He3) Levels
0 Kelvin Cross Sections

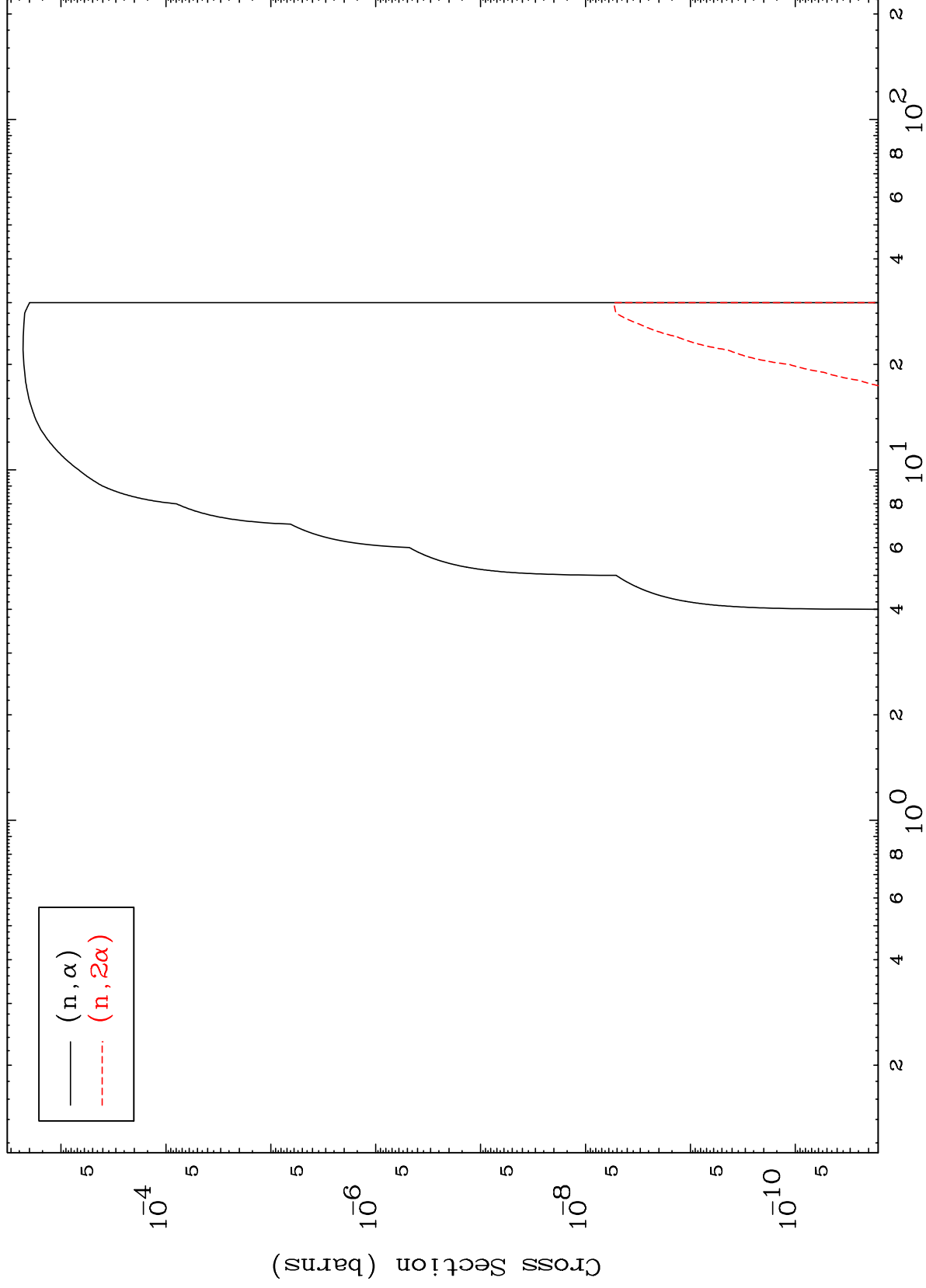
71-Lu-177



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(t, α) Levels
0 Kelvin Cross Sections

71-Lu-177



12

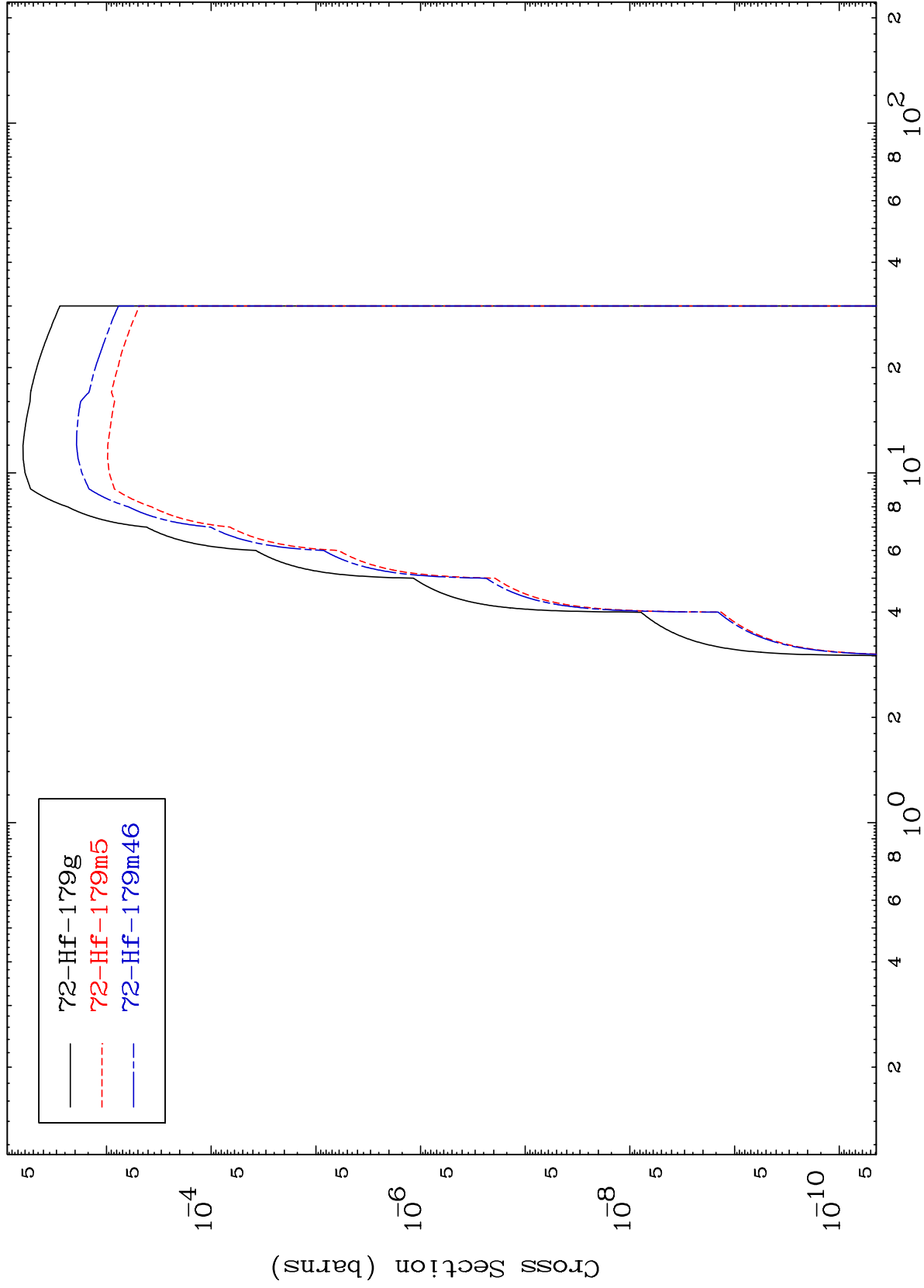
Incident Energy (MeV)

71-Lu-177

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71-Lu-177

Radionuclide Production Cross Section



72-Hf-179g
72-Hf-179m5
72-Hf-179m46

71-Lu-177

Incident Energy (MeV)

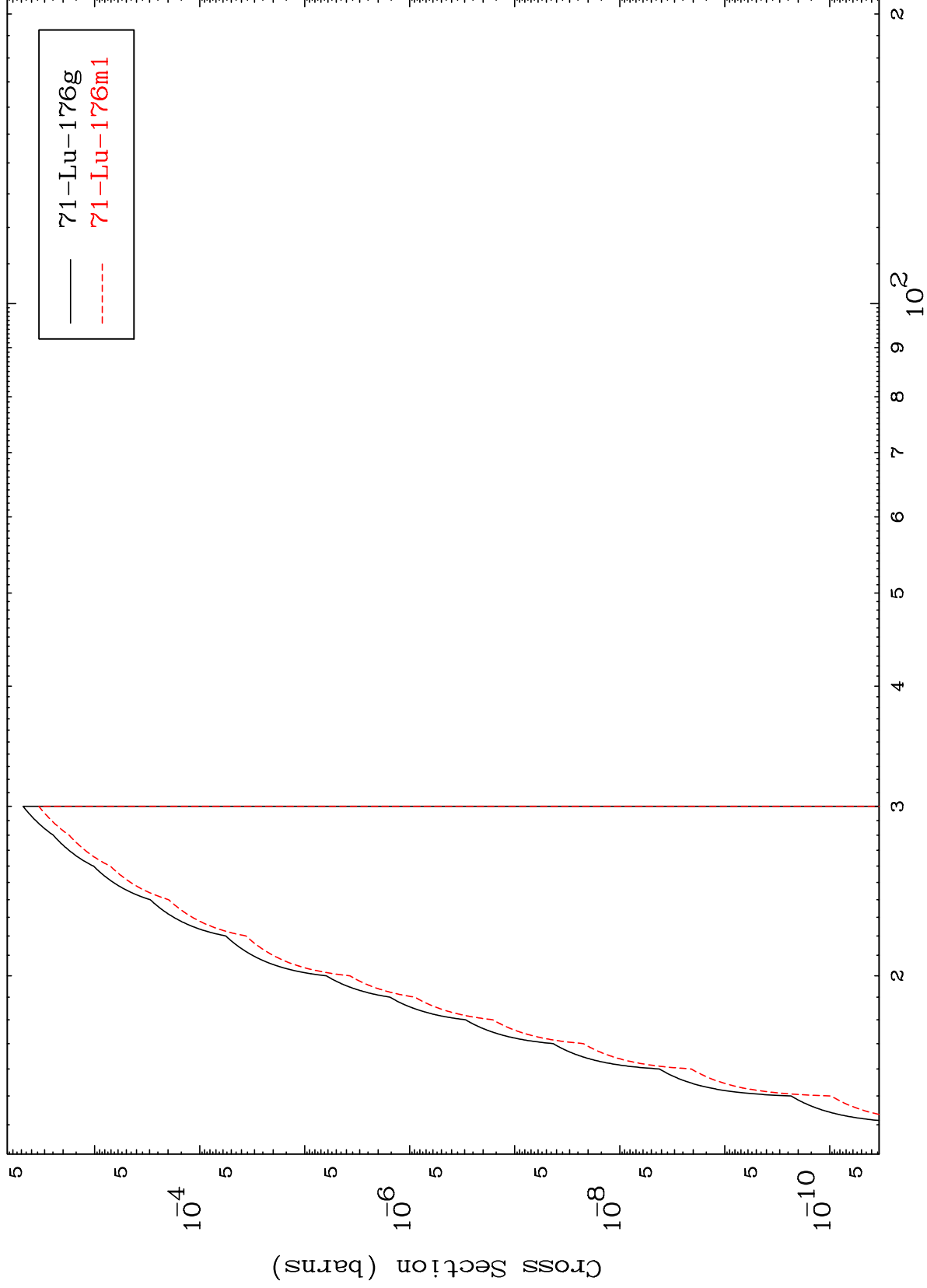
13

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(n,2n) d

71-Lu-177

Radionuclide Production Cross Section



14

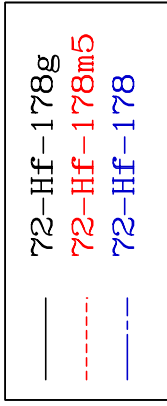
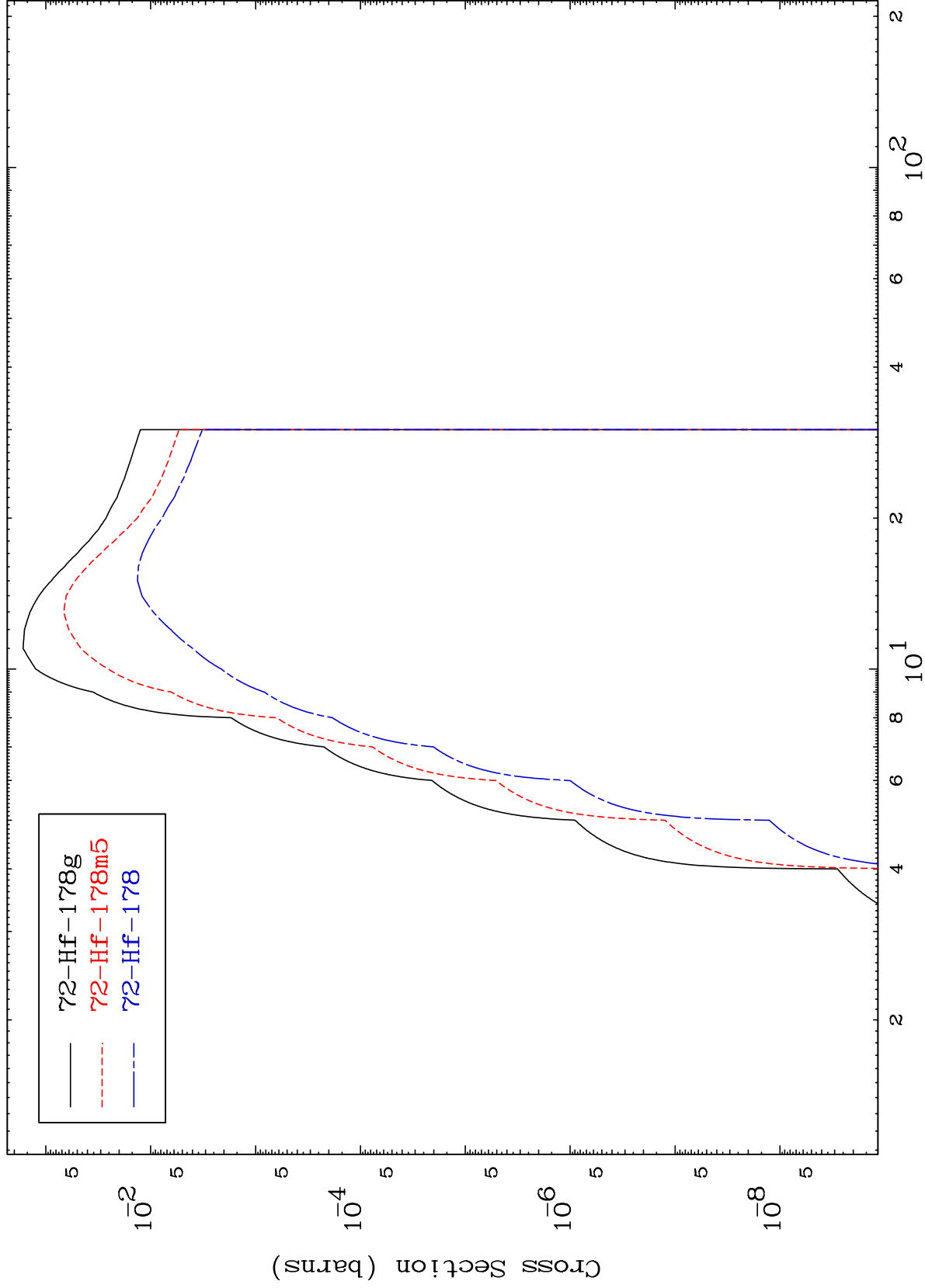
Incident Energy (MeV)

71-Lu-177

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⁷¹Lu-177

Radionuclide Production Cross Section
(n,2n)



15

Incident Energy (MeV)

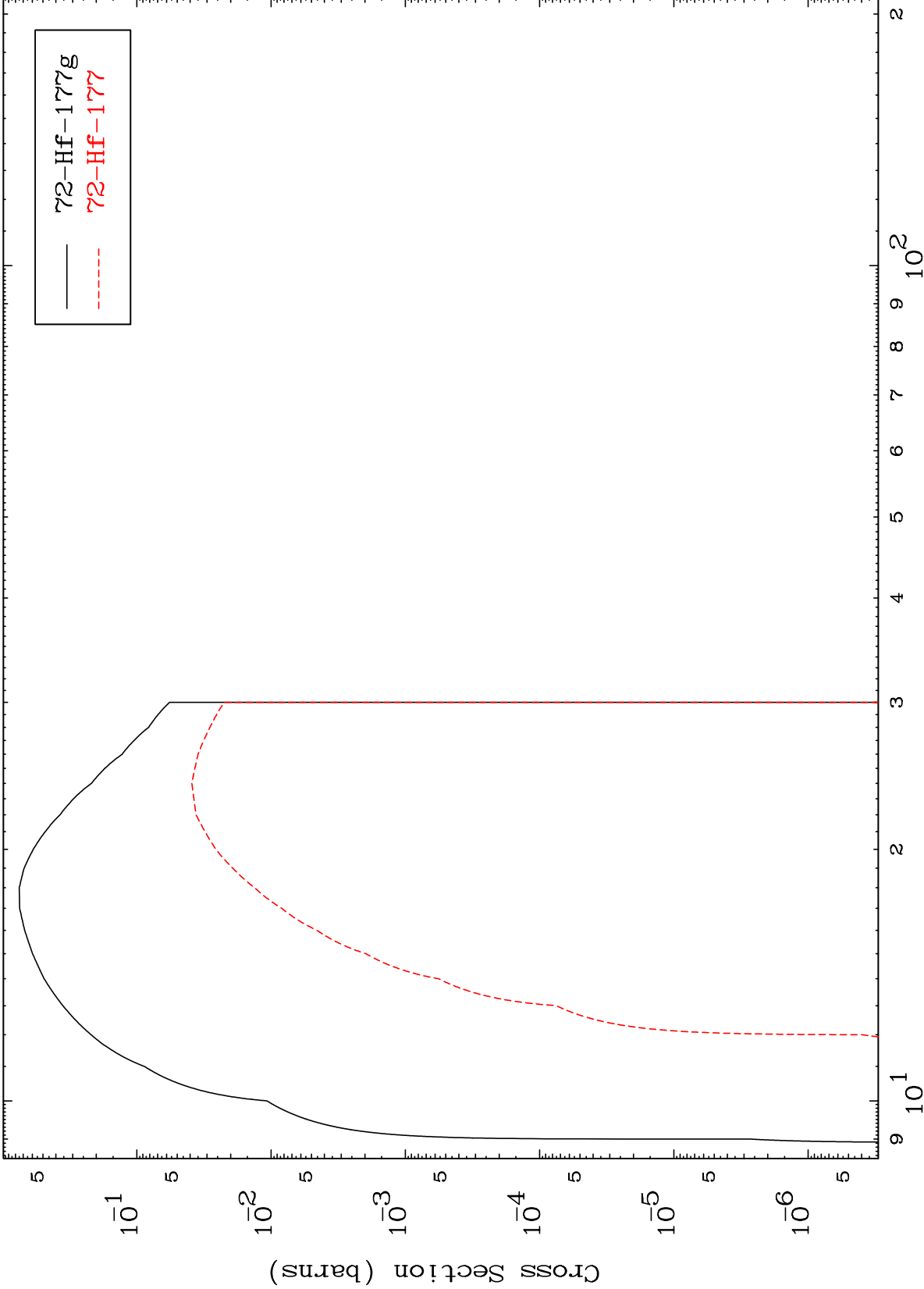
⁷¹Lu-177

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(n,3n)

71-Lu-177

Radionuclide Production Cross Section



16

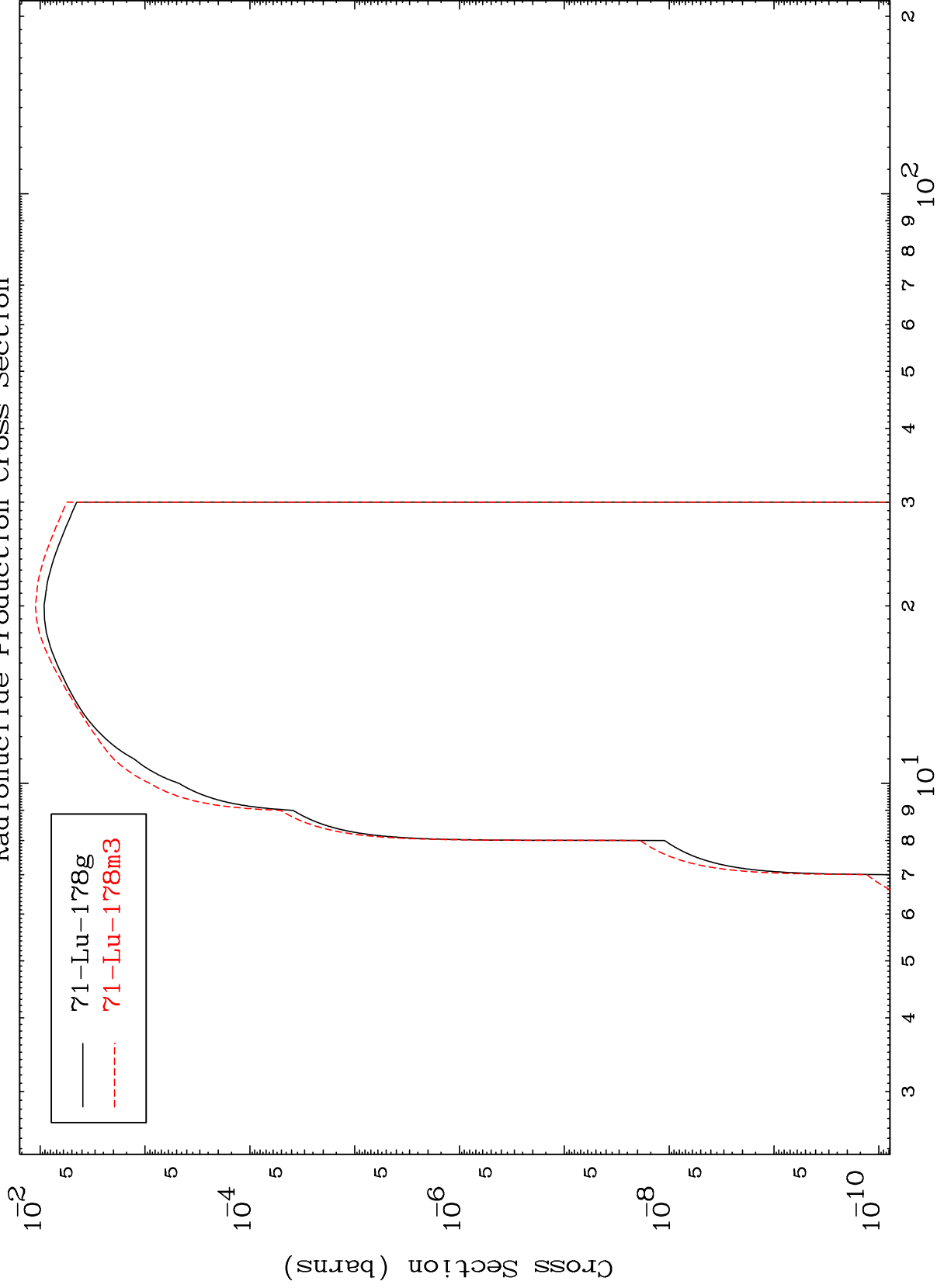
Incident Energy (MeV)

71-Lu-177

MAT 7131

$^{71}\text{Lu-177}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{71}\text{Lu-177}$

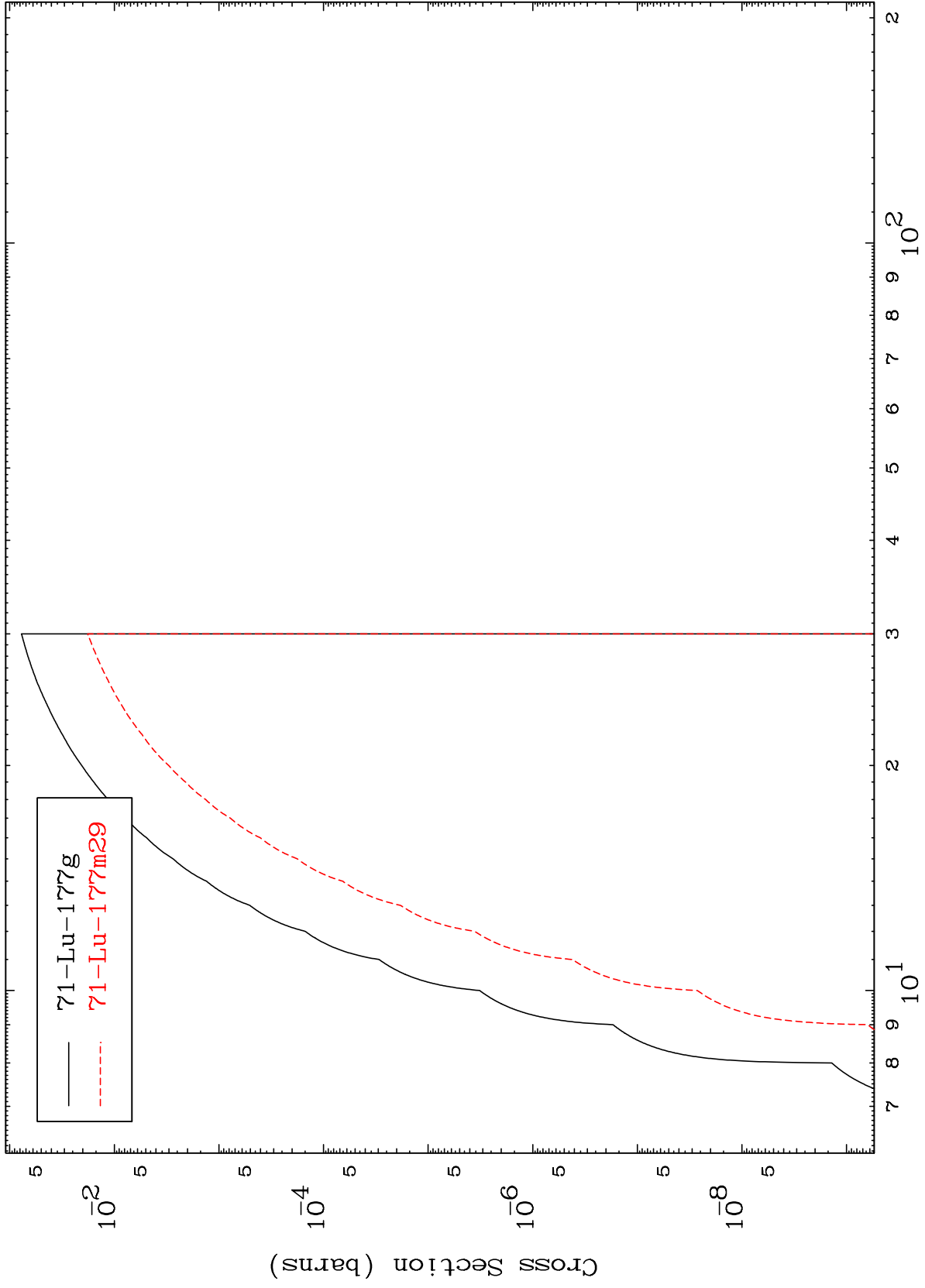
17

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(n,n') d

71-Lu-177

Radionuclide Production Cross Section



18

Incident Energy (MeV)

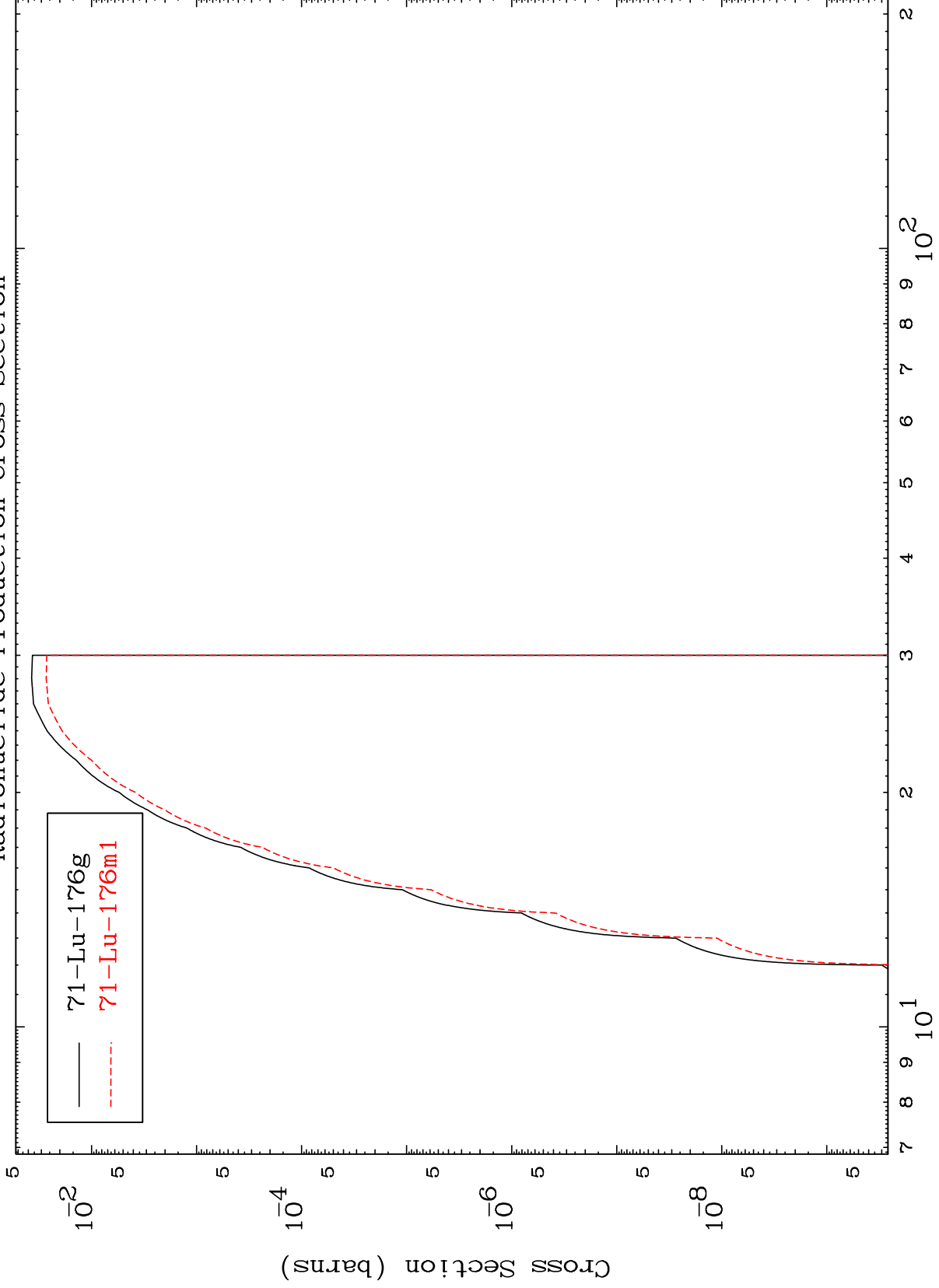
71-Lu-177

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(n,n') t

71-Lu-177

Radionuclide Production Cross Section



19

Incident Energy (MeV)

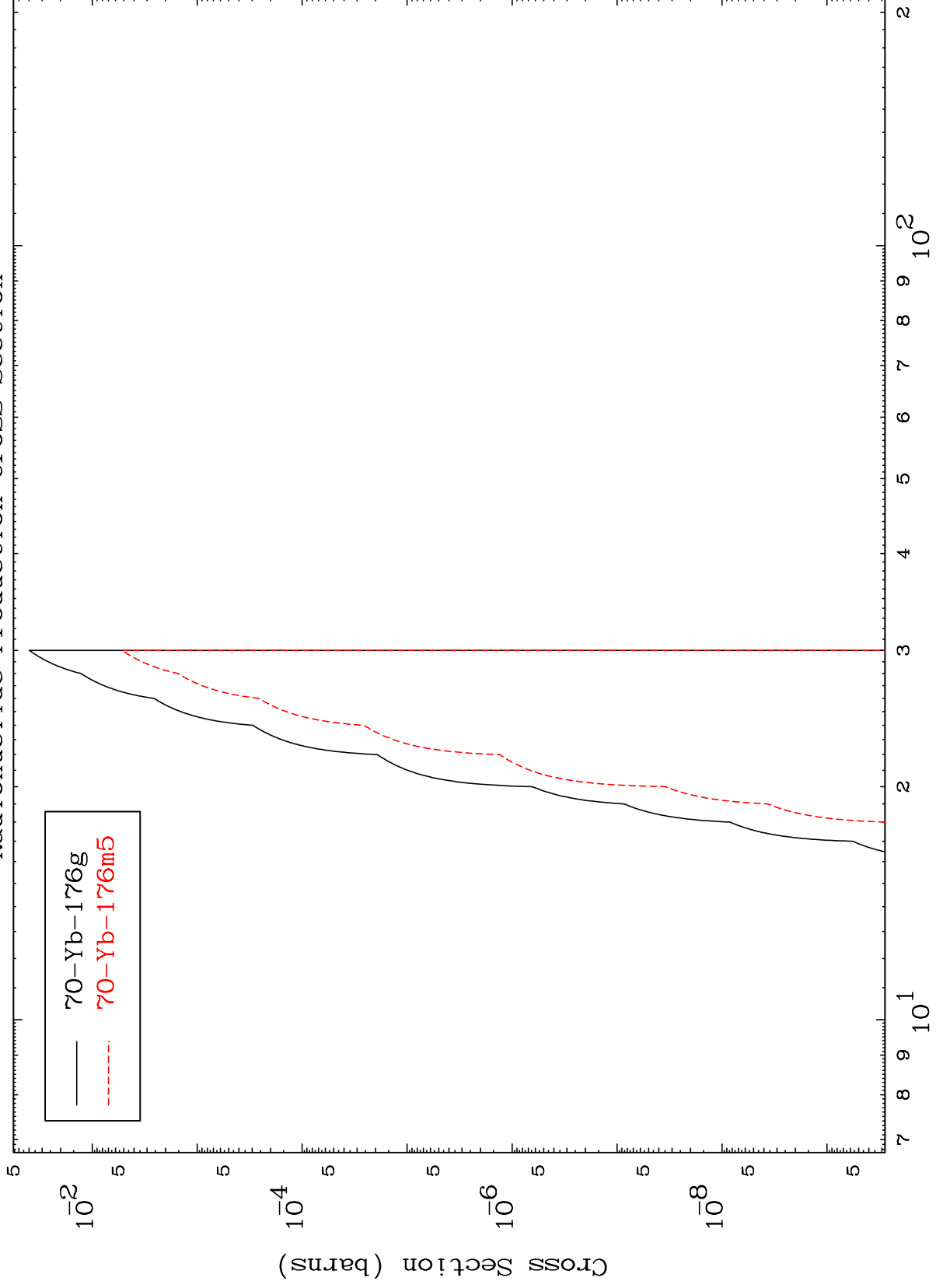
71-Lu-177

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(n,n') He-3

71-Lu-177

Radionuclide Production Cross Section



20

Incident Energy (MeV)

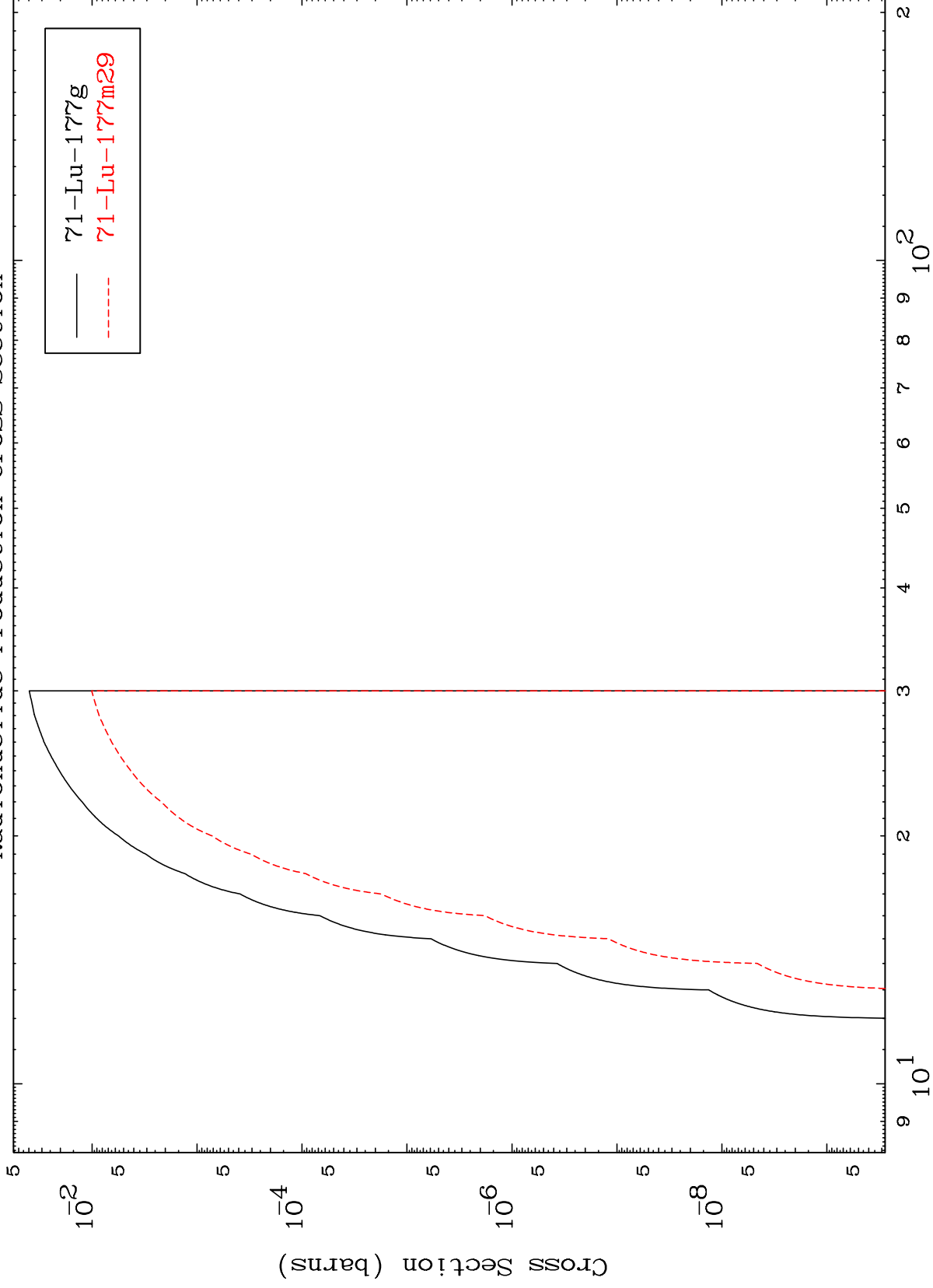
71-Lu-177

MAT 7131

(n,2n) p

71-Lu-177

Radionuclide Production Cross Section



21

Incident Energy (MeV)

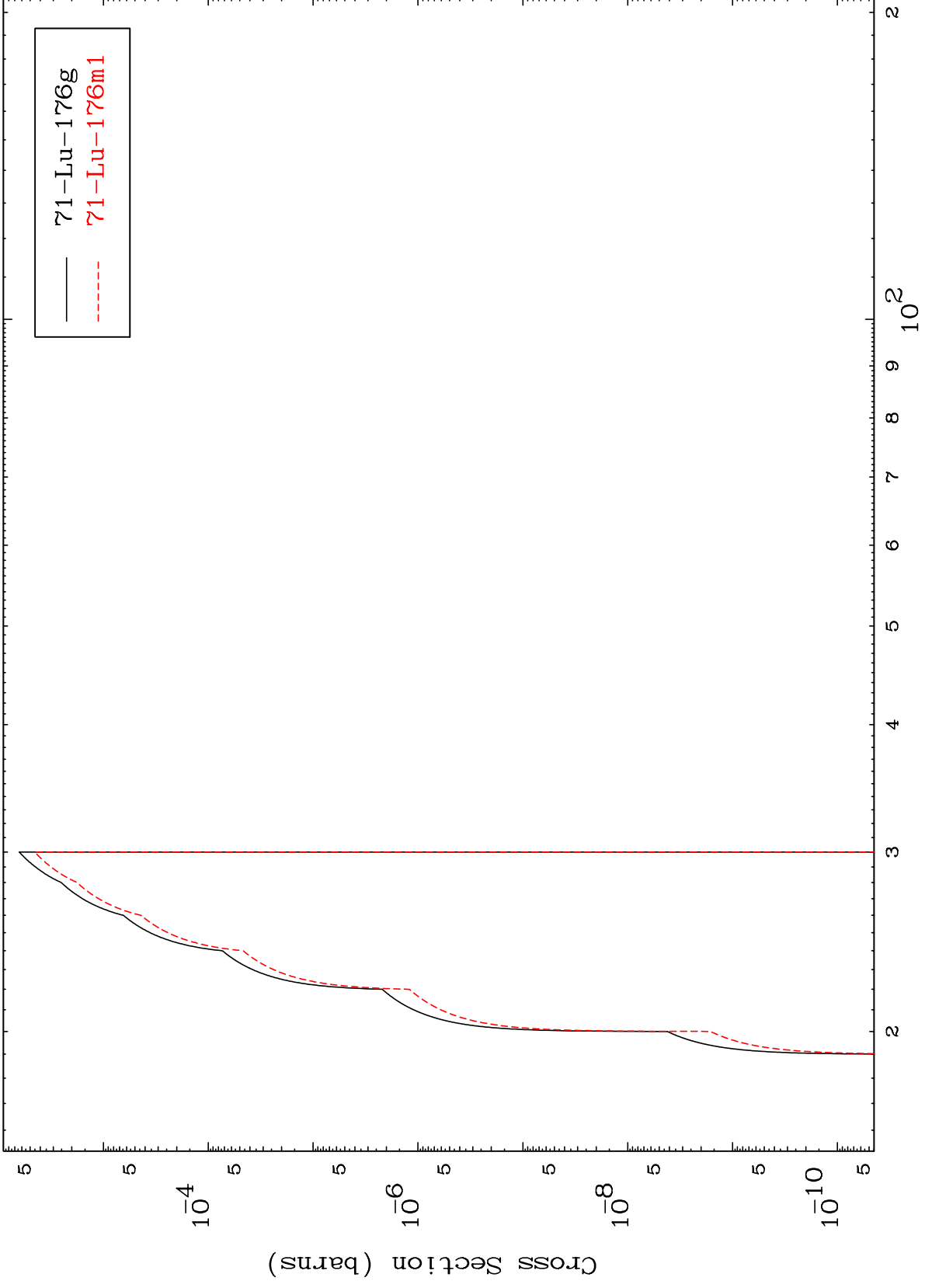
71-Lu-177

MAT 7131

(n,3n) p

71-Lu-177

Radionuclide Production Cross Section



22

Incident Energy (MeV)

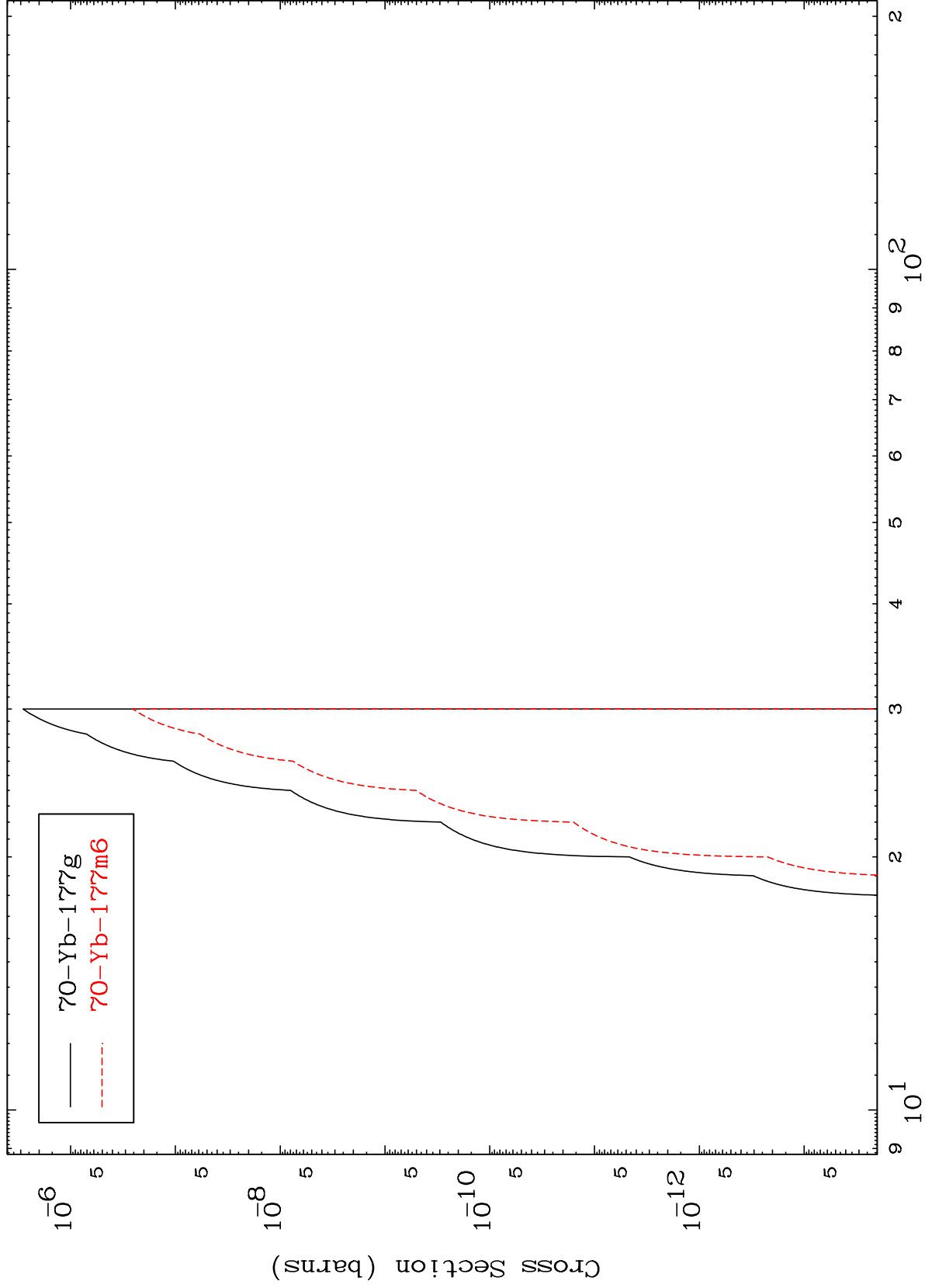
71-Lu-177

MAT 7131

(n,2n) p

71-Lu-177

Radionuclide Production Cross Section



23

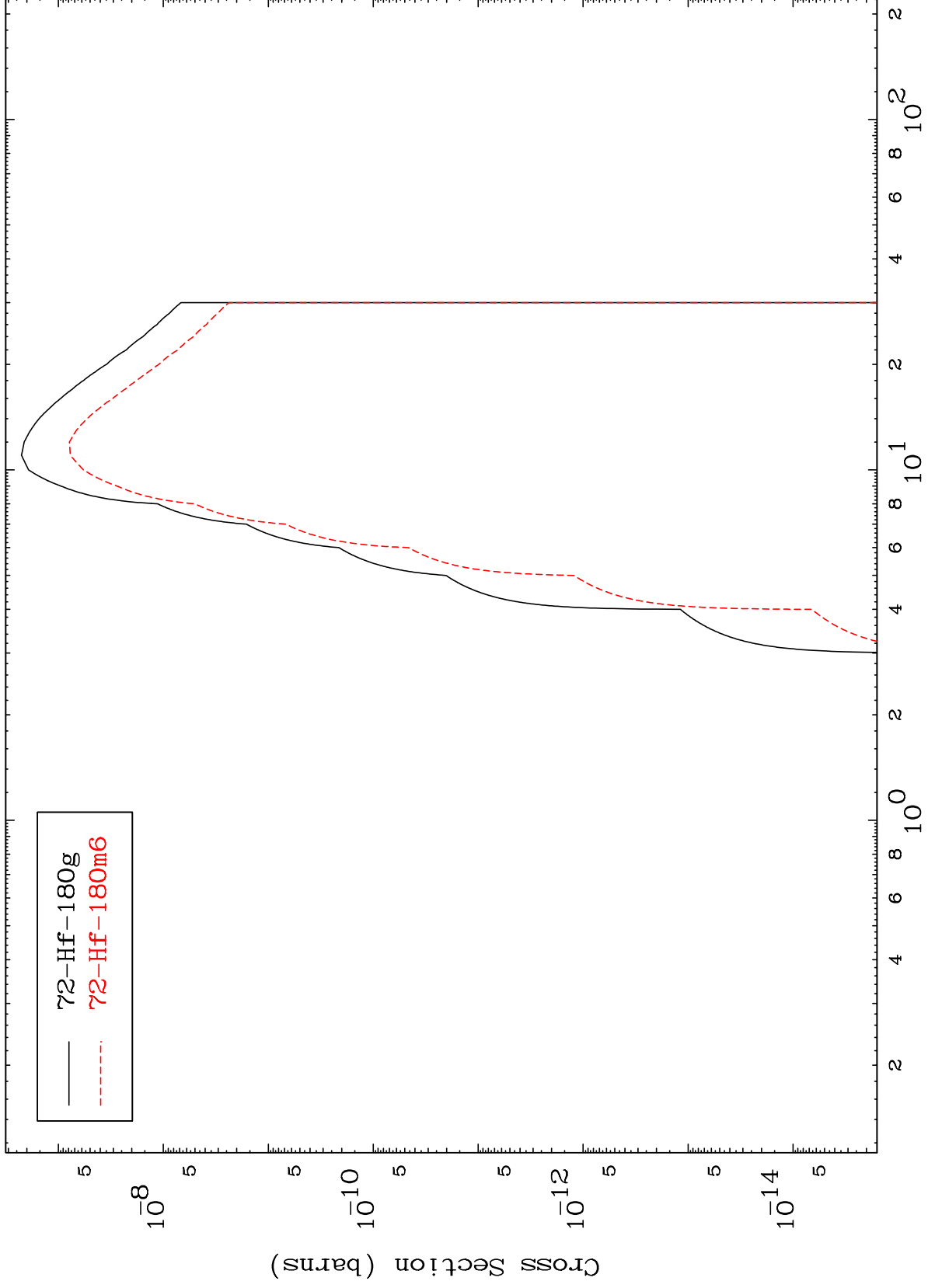
Incident Energy (MeV)

71-Lu-177

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71-Lu-177

(n, γ)
Radionuclide Production Cross Section

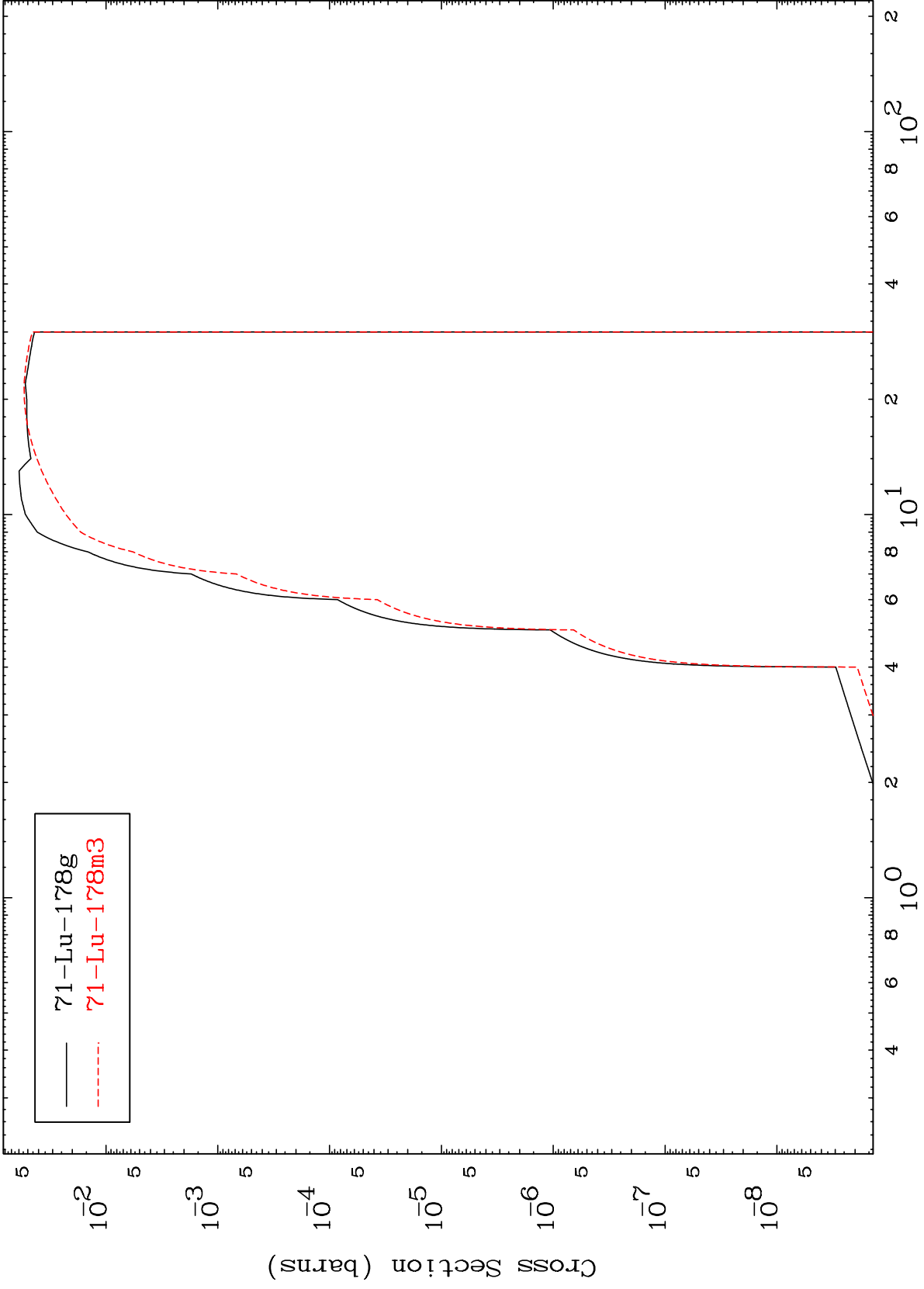


— 72-Hf-180g
- - - 72-Hf-180m6

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71-Lu-177

(n,d)
Radionuclide Production Cross Section



71-Lu-177

Incident Energy (MeV)

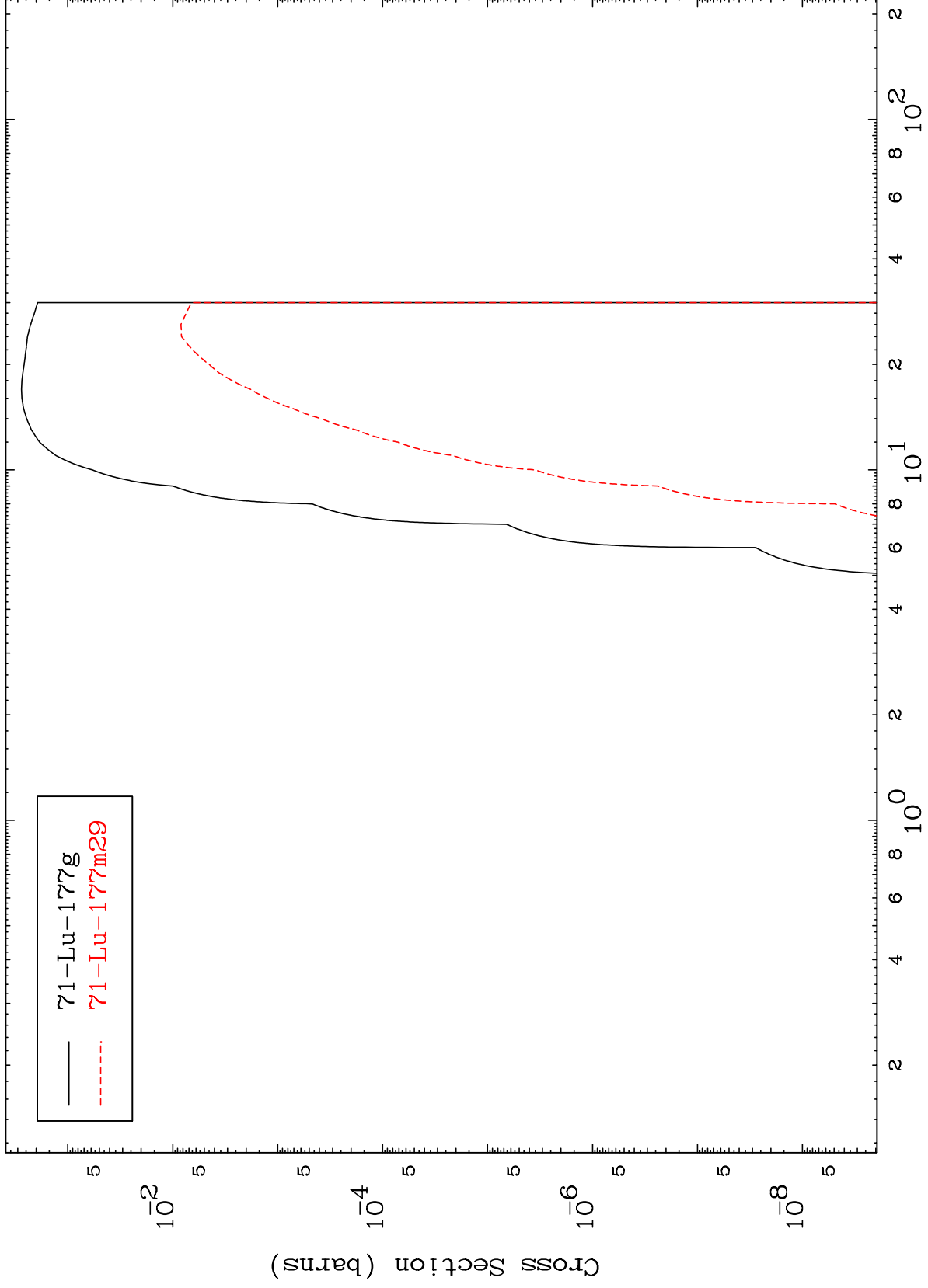
25

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(n, t)

⁷¹Lu-177

Radionuclide Production Cross Section



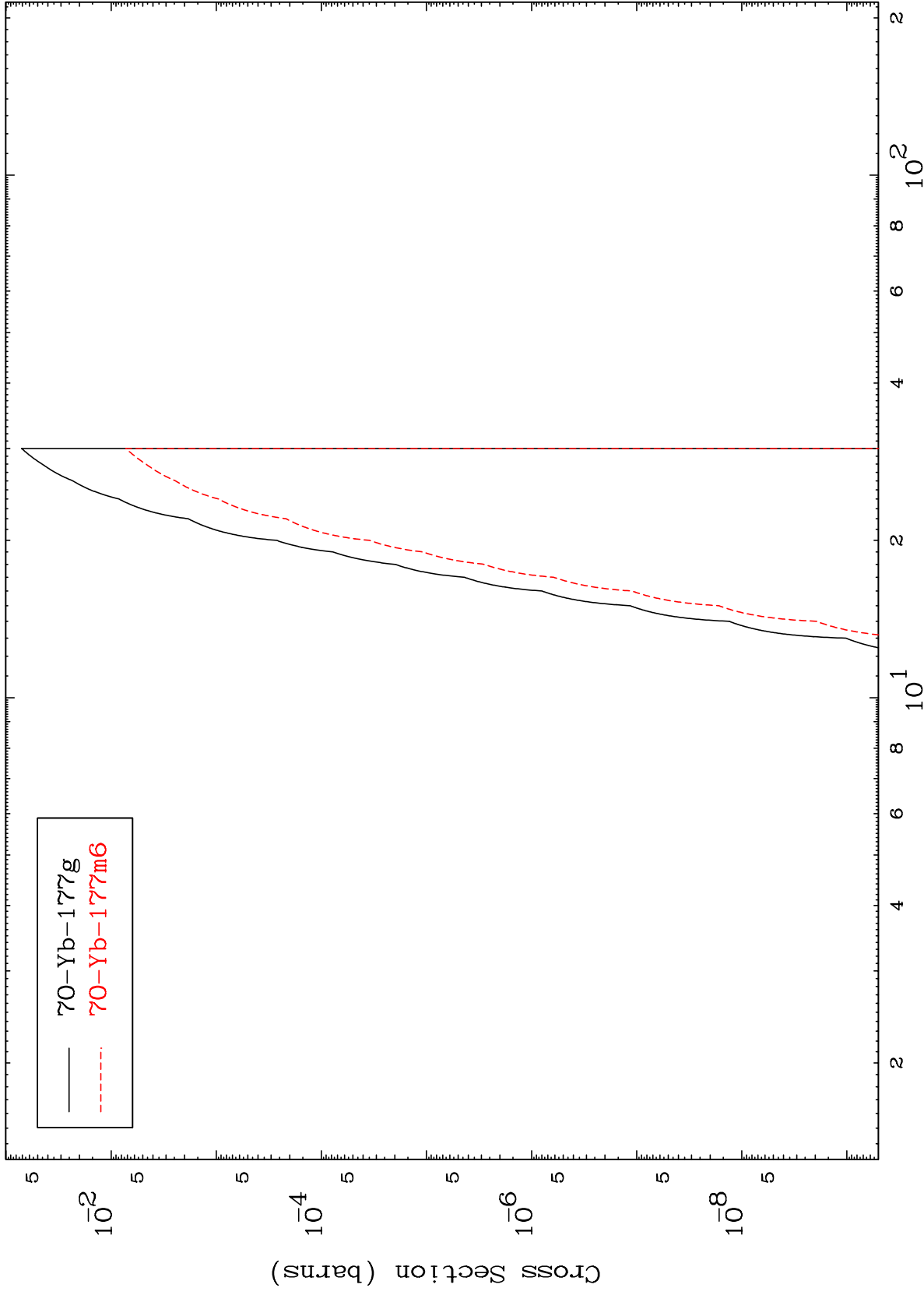
— ⁷¹Lu-177g
- - - ⁷¹Lu-177m29

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(n,He-3)

71-Lu-177

Radionuclide Production Cross Section



27

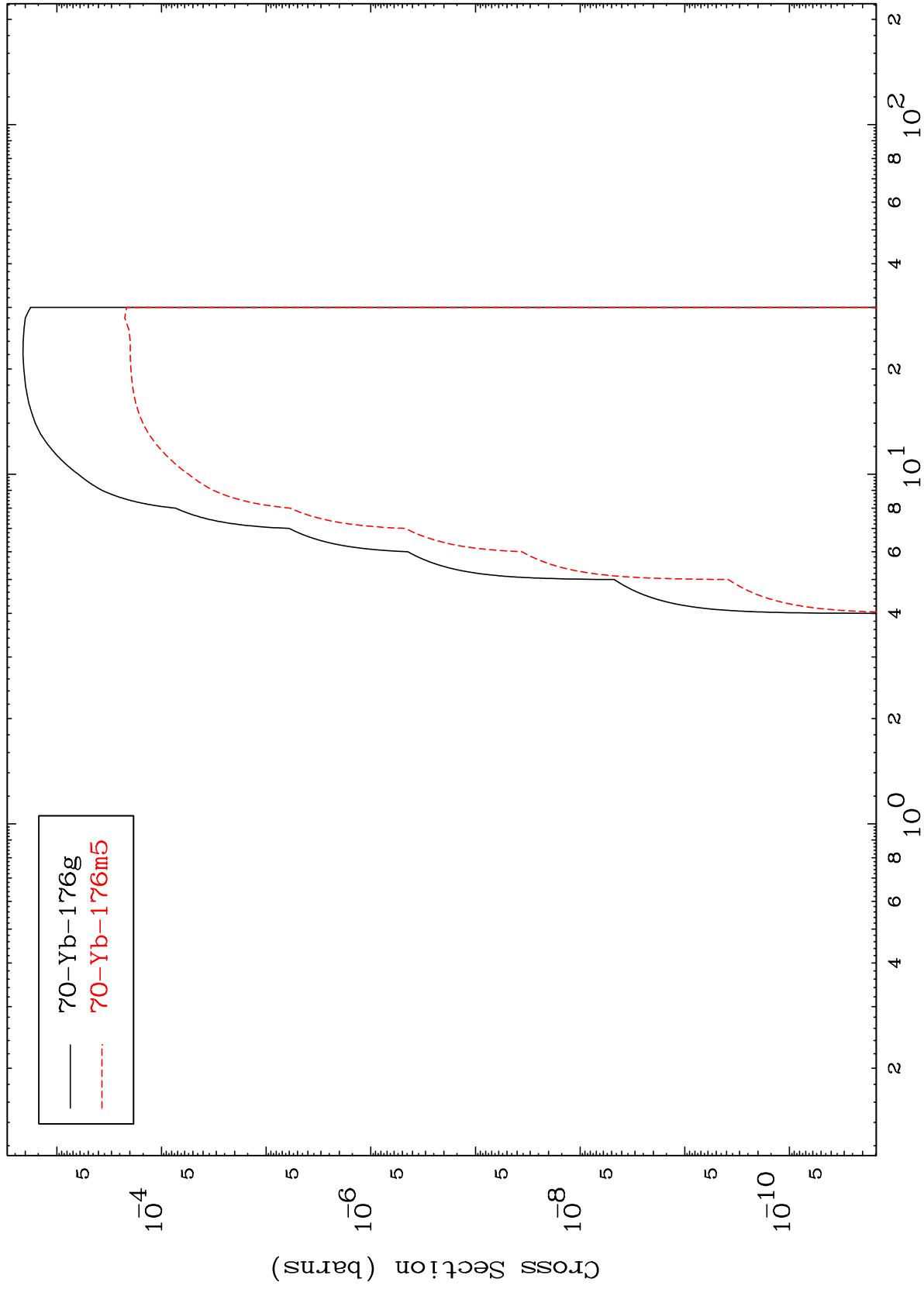
Incident Energy (MeV)

71-Lu-177

MAT 7131

71-Lu-177

(n, α)
Radionuclide Production Cross Section

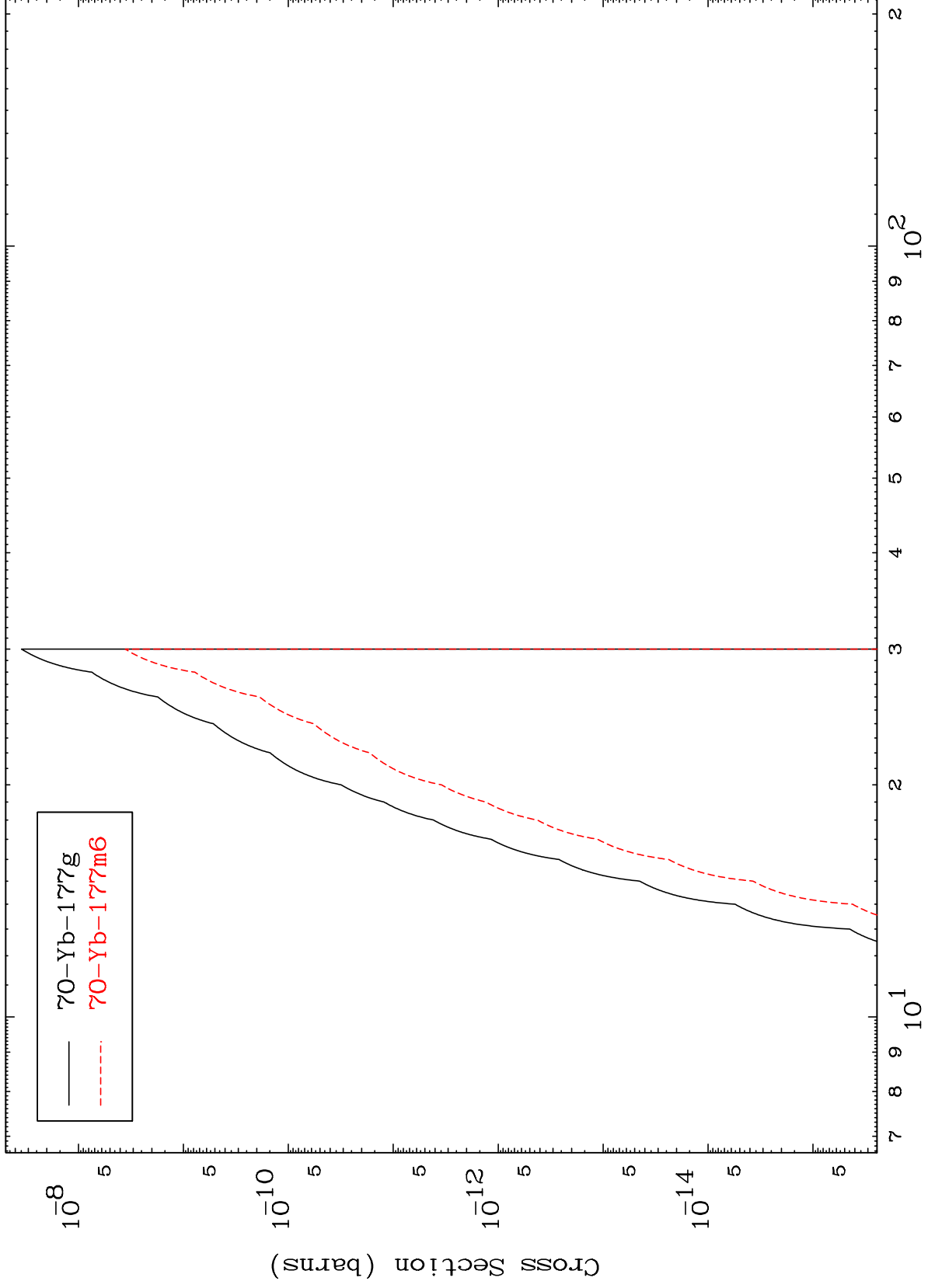


MAT 7131

(n,p) d

71-Lu-177

Radionuclide Production Cross Section



— 70-Yb-177g
- - - 70-Yb-177m6

29

Incident Energy (MeV)

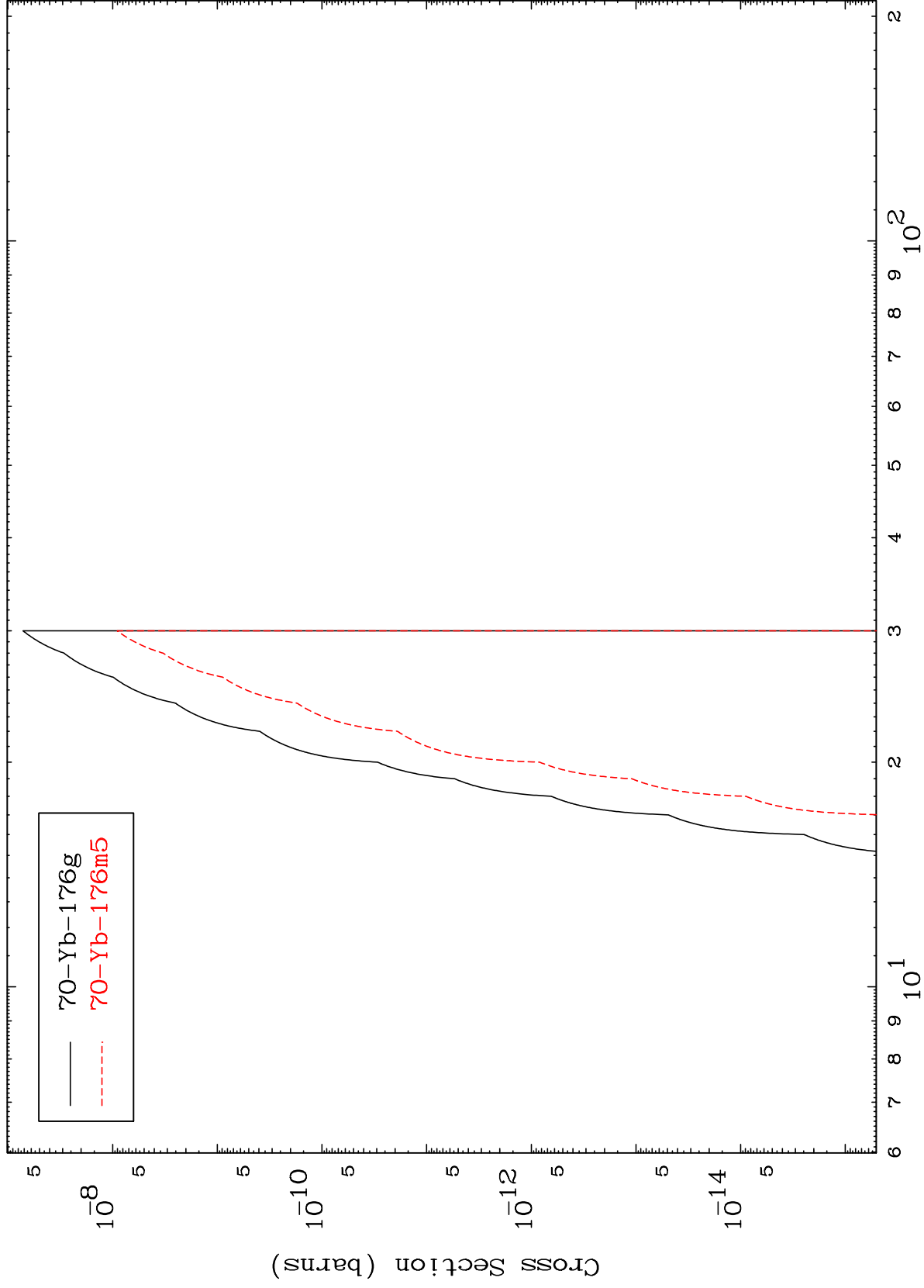
71-Lu-177

MAT 7131

(n,p) t

71-Lu-177

Radionuclide Production Cross Section



30

Incident Energy (MeV)

71-Lu-177