

Program EVALPLOT
(Version 2018-1)

by

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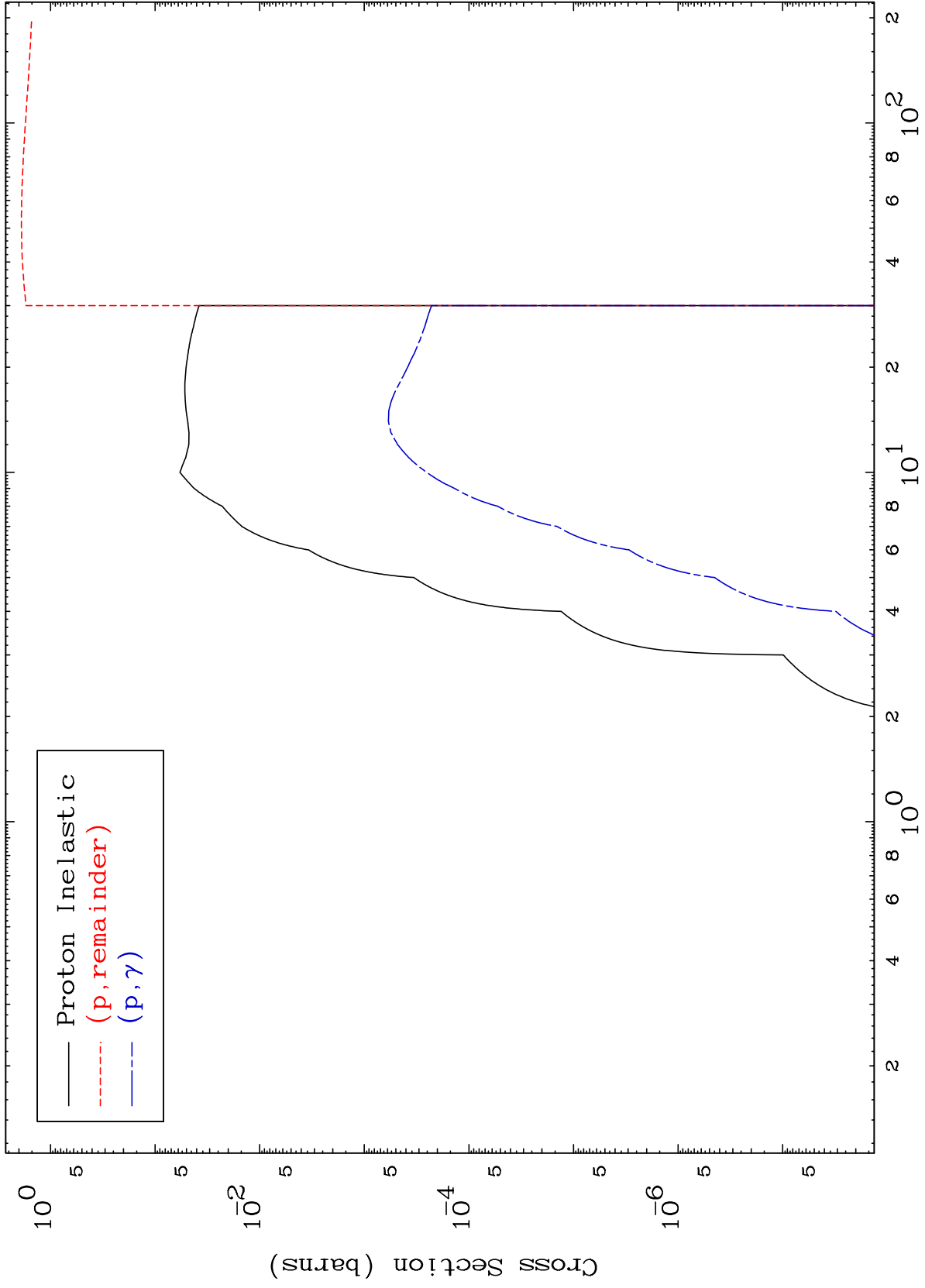
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

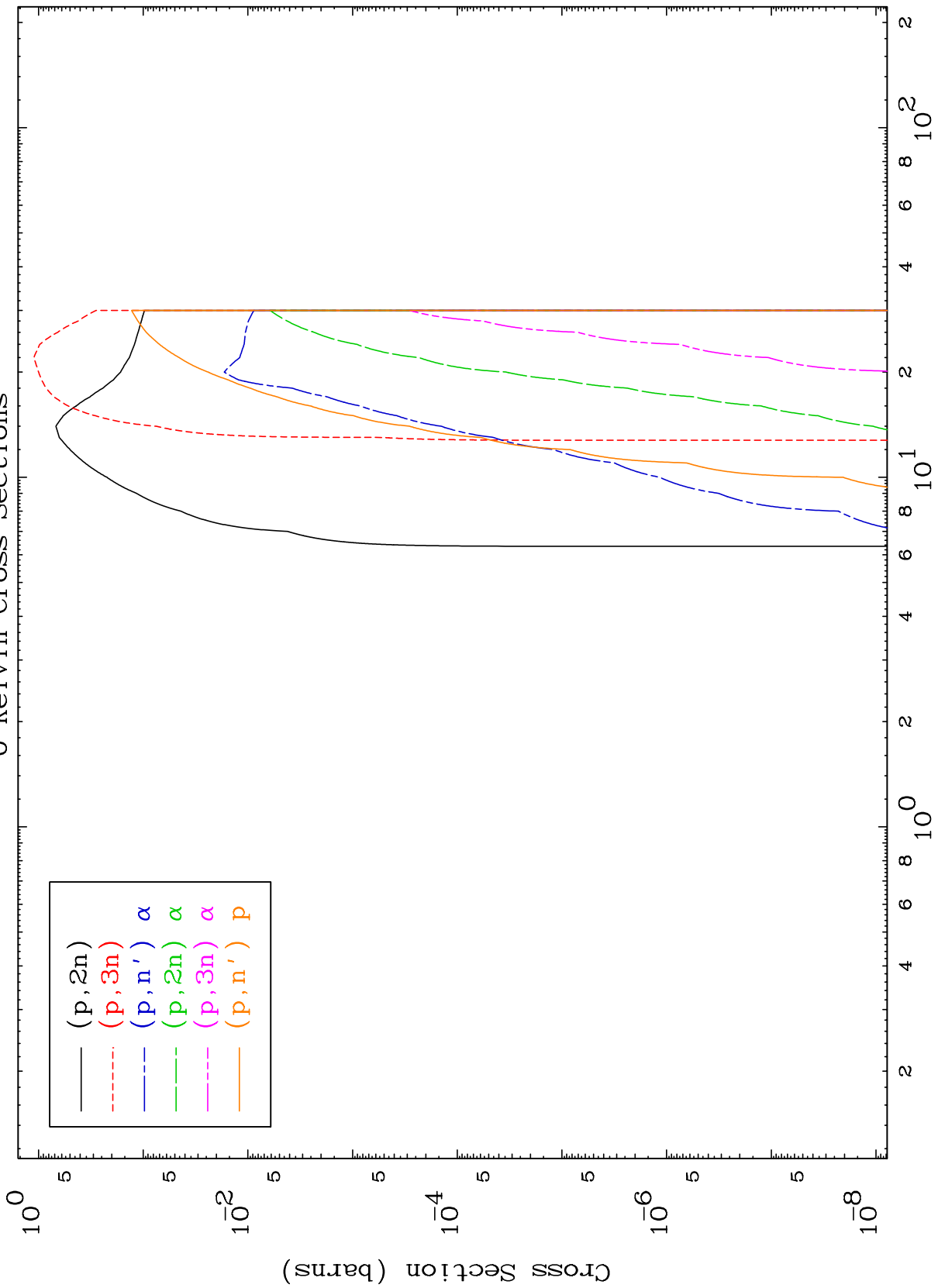
MAT 7134

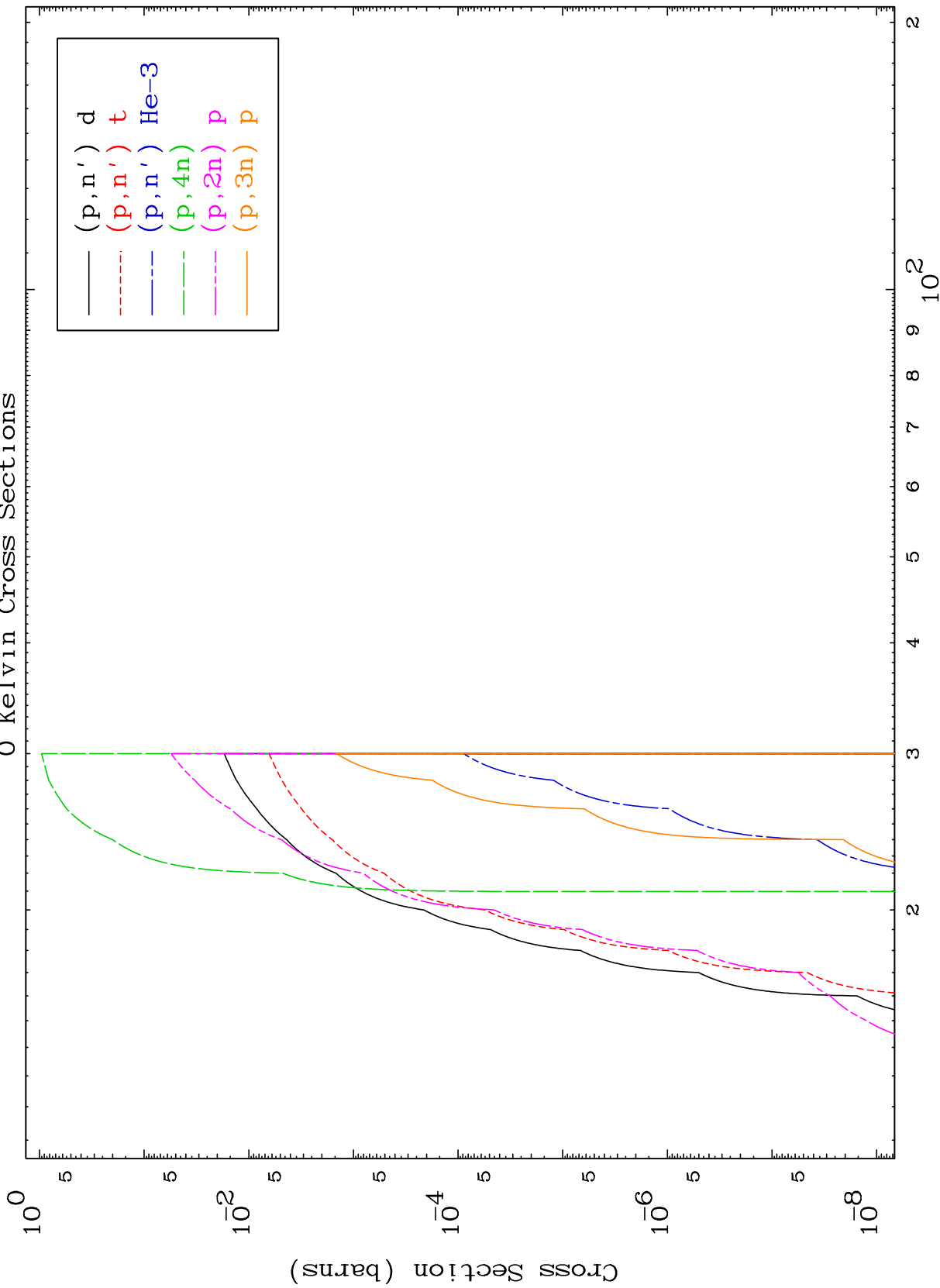
Proton Major
0 Kelvin Cross Sections

71-Lu-178



— Proton Inelastic
- - - (p, remainder)
- · - (p, γ)

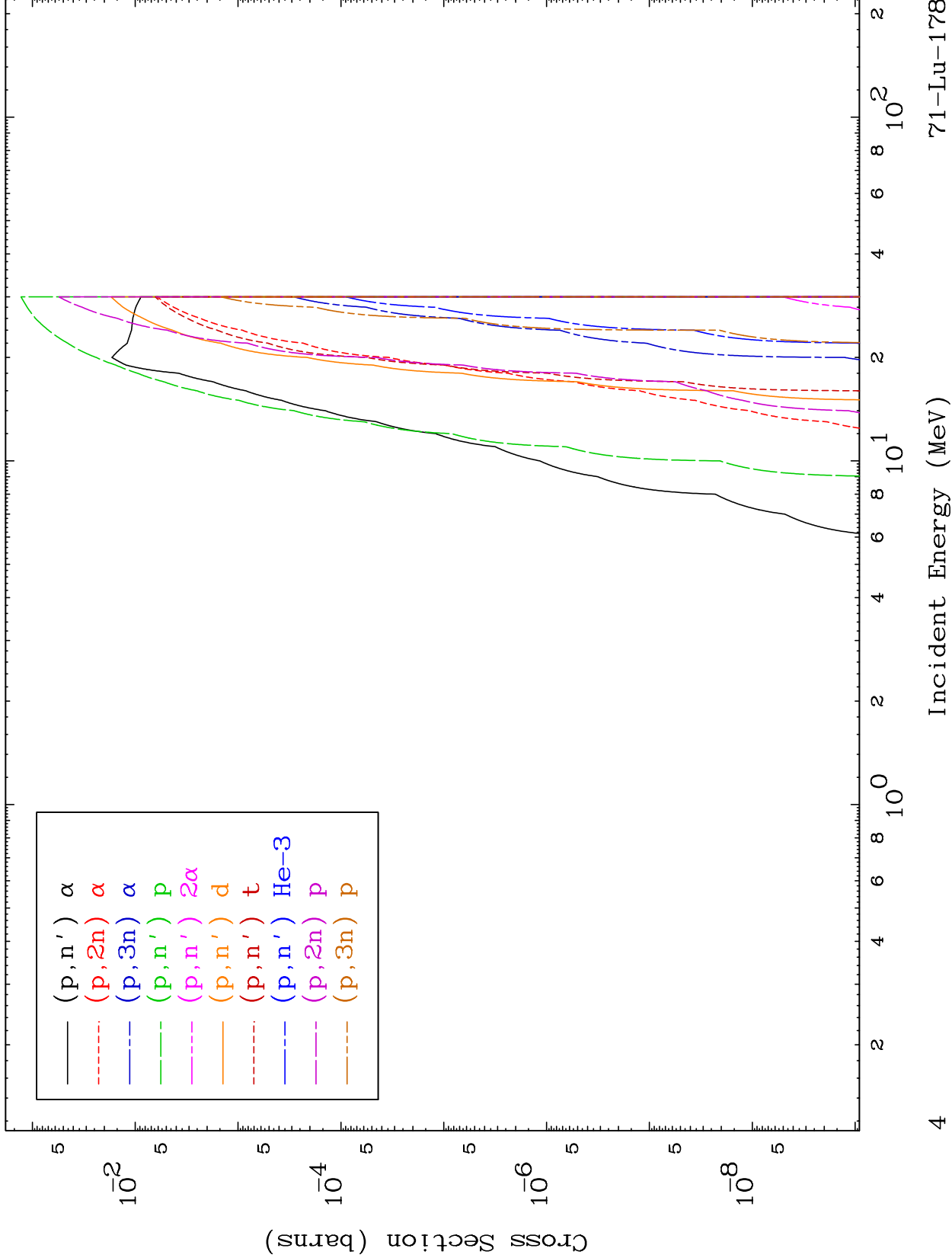


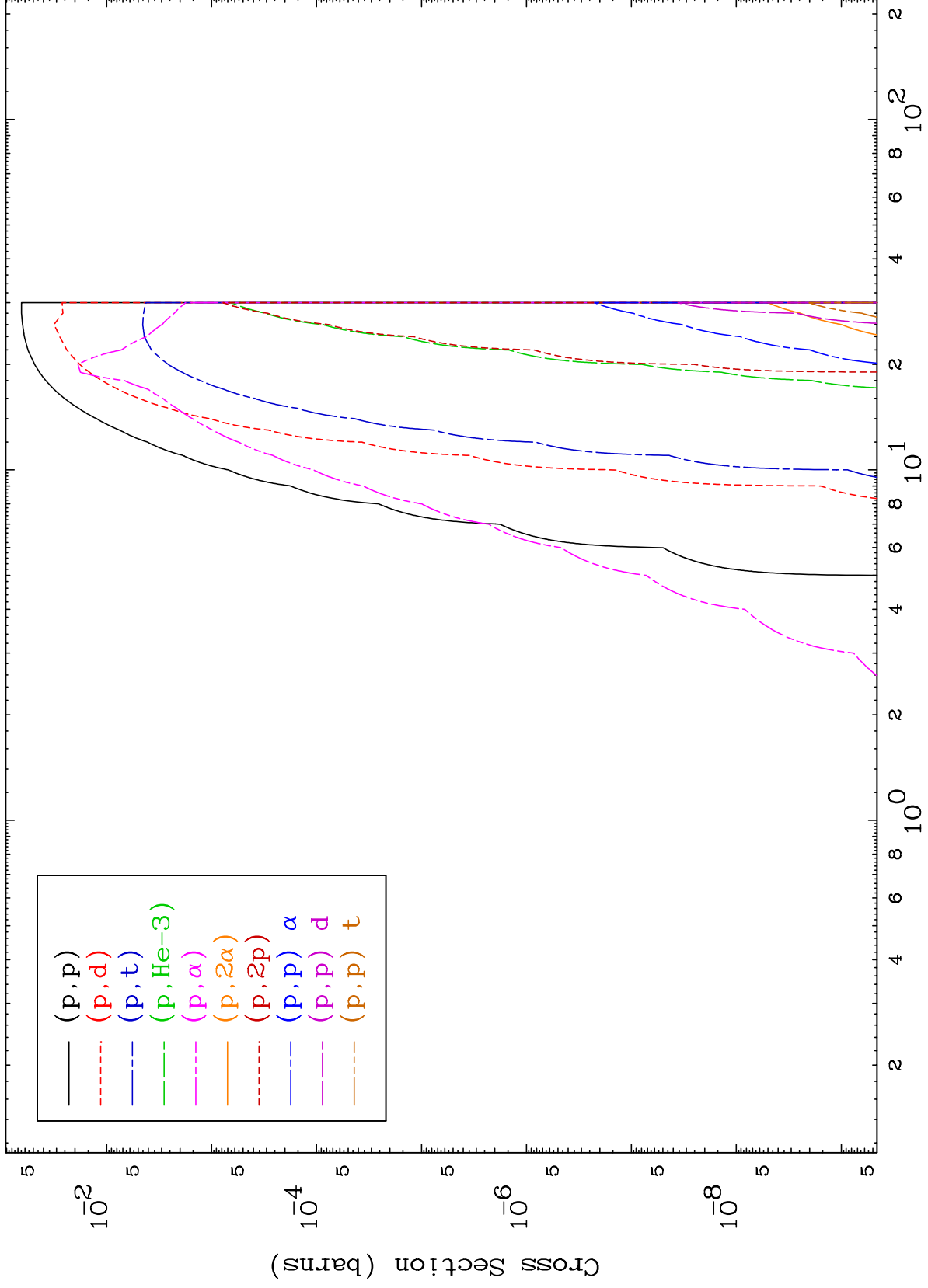


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Proton Charged Particle
0 Kelvin Cross Sections

⁷¹Lu-178



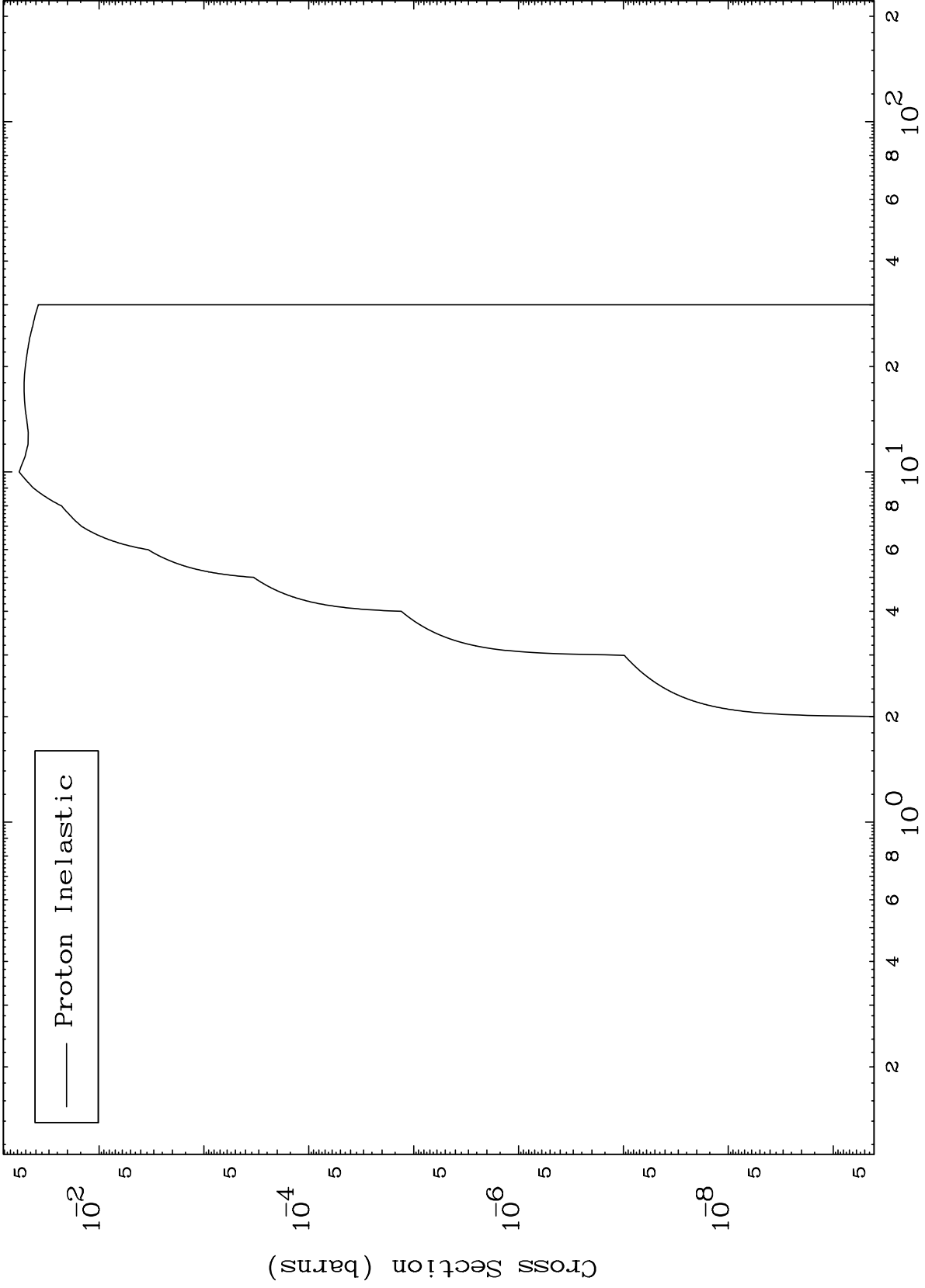


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(p,n') Level

71-Lu-178

0 Kelvin Cross Sections

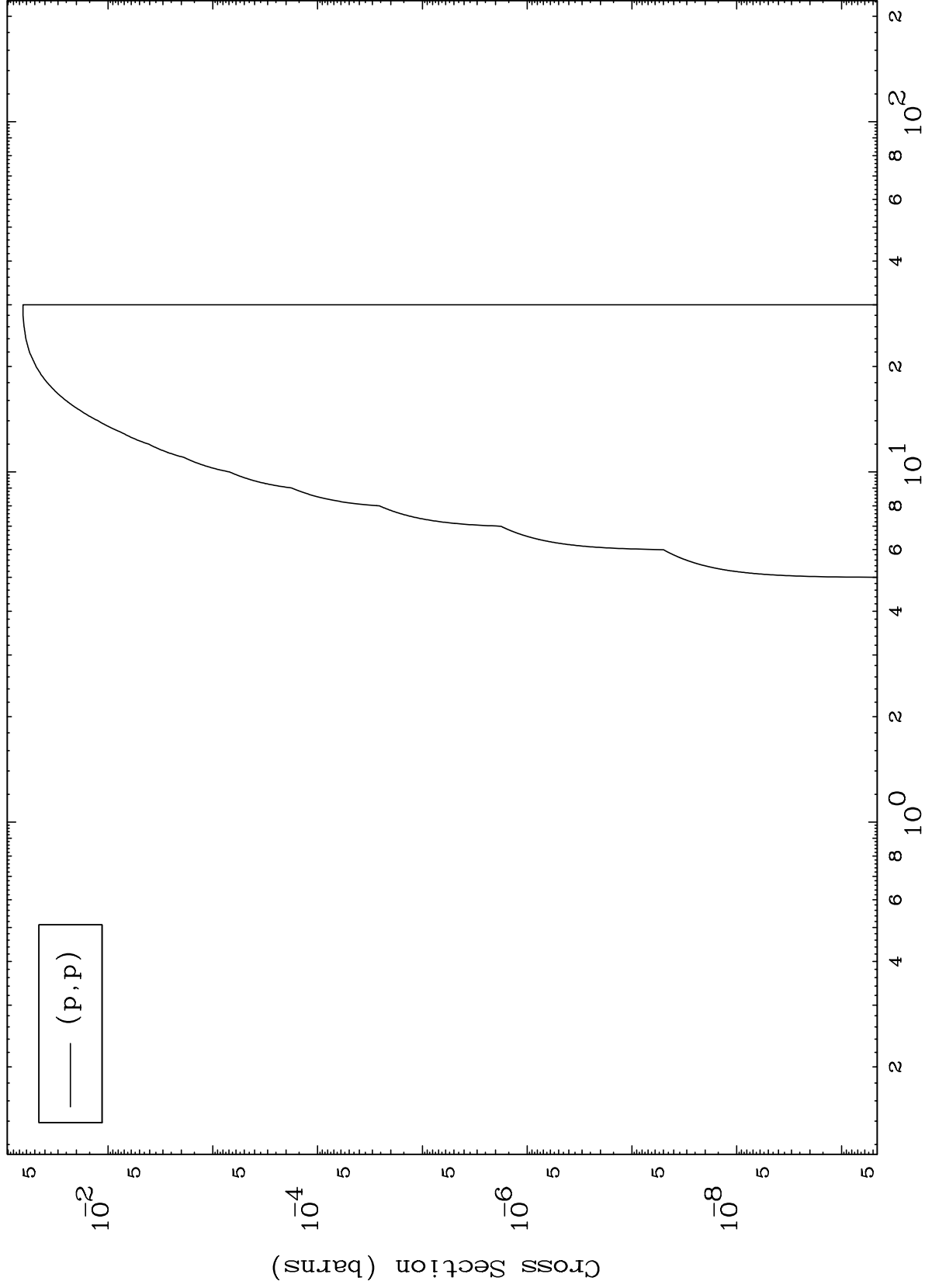


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(p,p) Levels

71-Lu-178

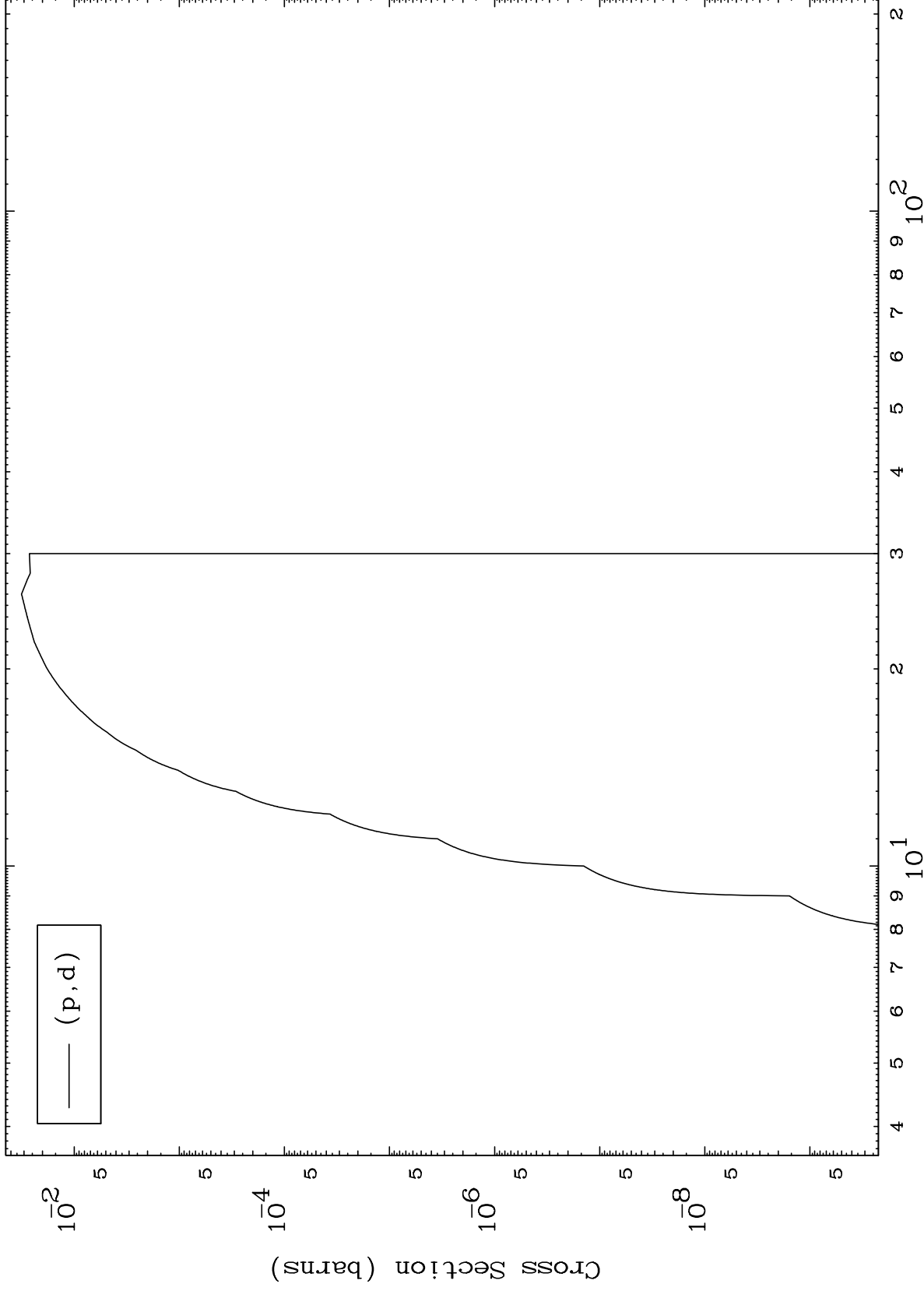
0 Kelvin Cross Sections



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(p,d) Levels
0 Kelvin Cross Sections

71-Lu-178



8

Incident Energy (MeV)

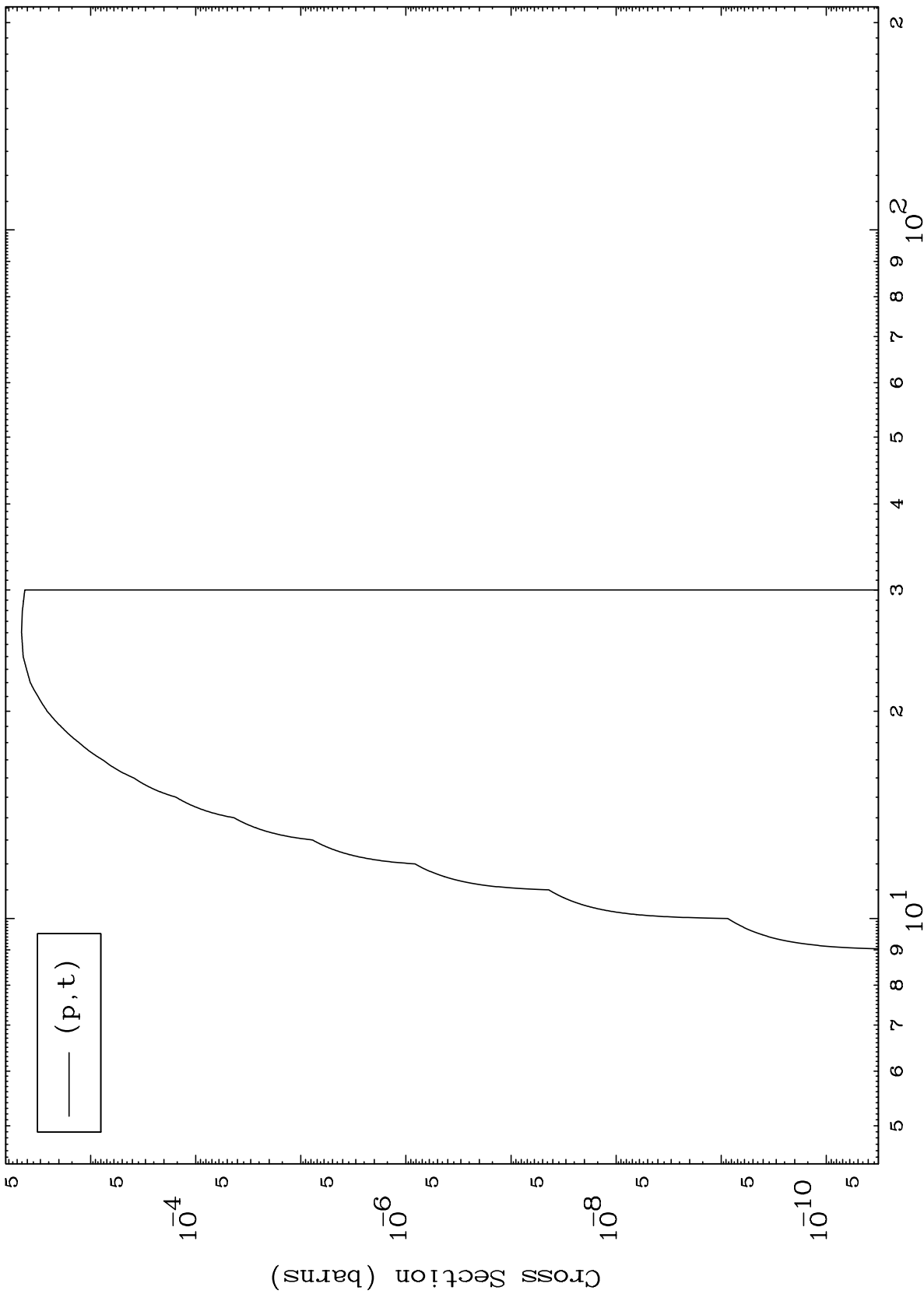
71-Lu-178

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(p, t) Levels

71-Lu-178

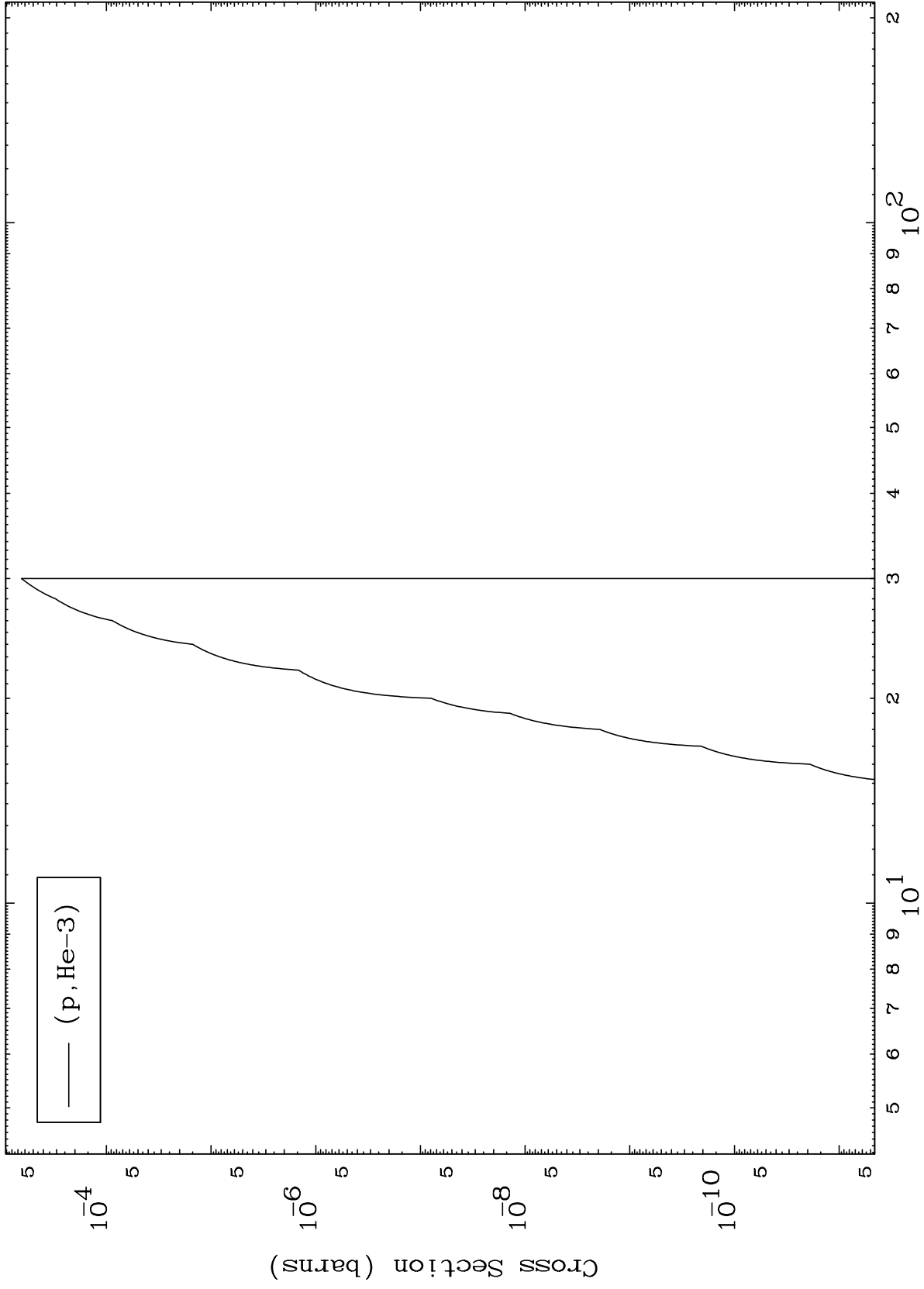
0 Kelvin Cross Sections



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(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-178



10

Incident Energy (MeV)

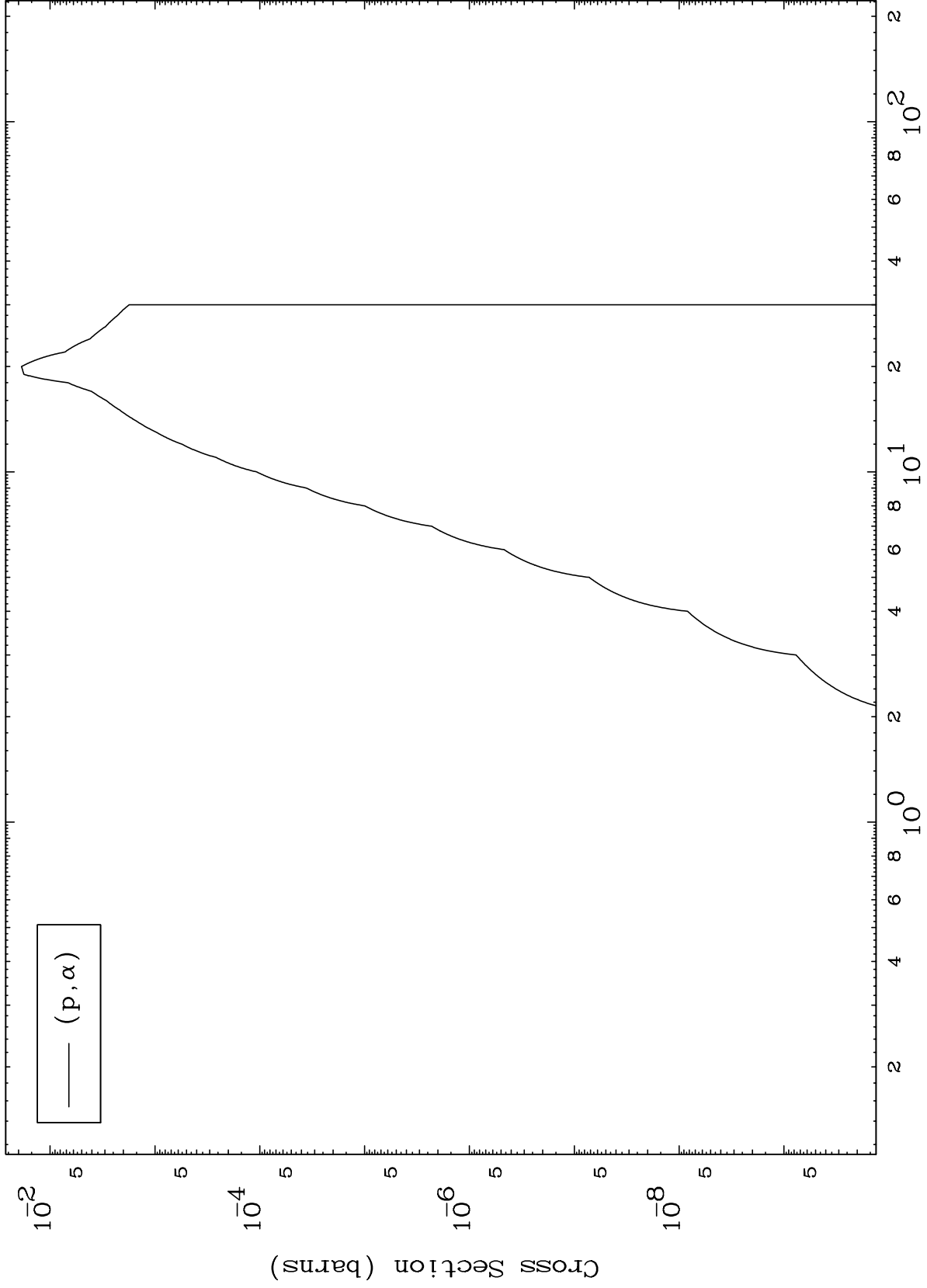
71-Lu-178

MAT 7134

(p, α) Levels

71-Lu-178

0 Kelvin Cross Sections

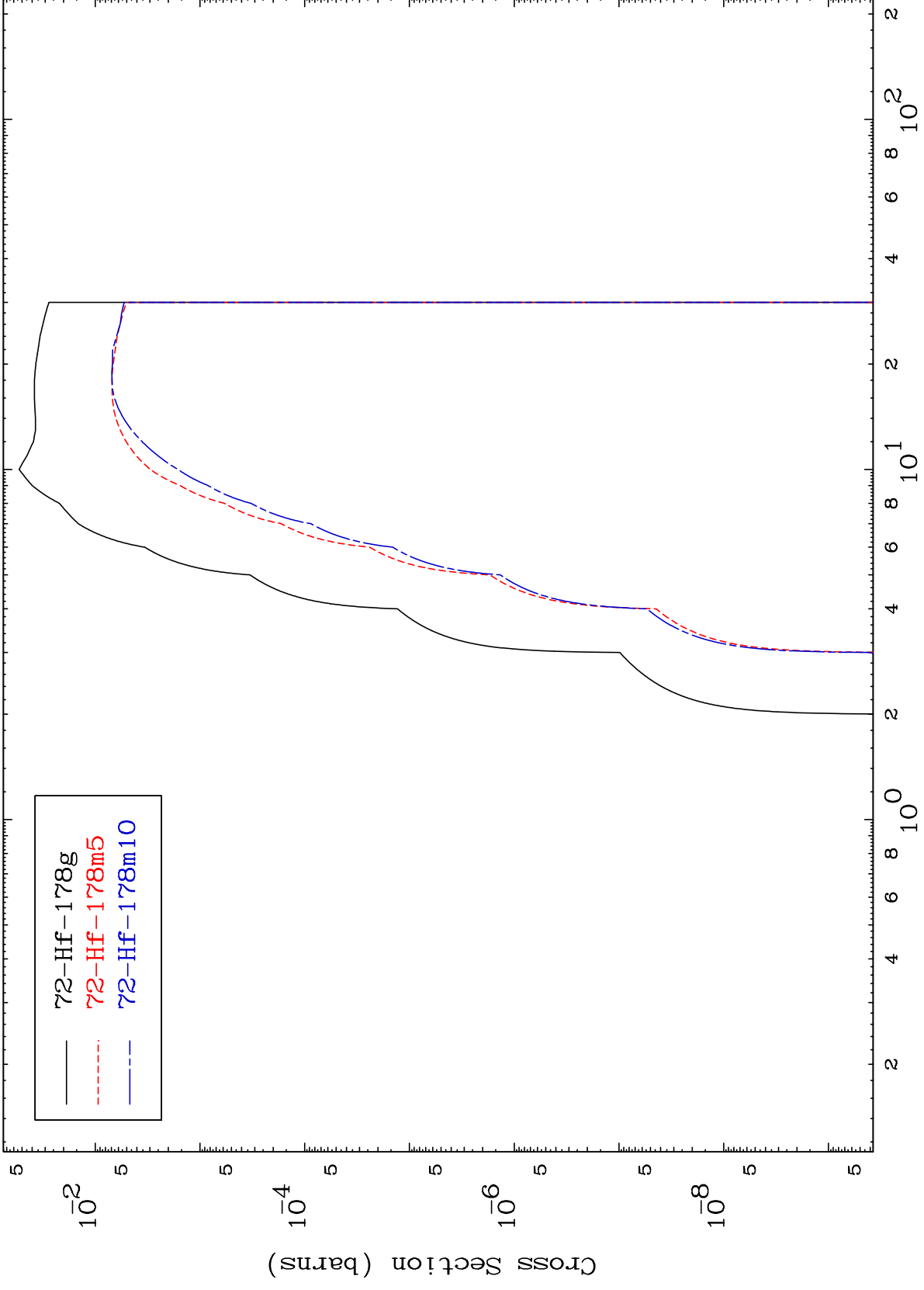


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Proton Inelastic

71-Lu-178

Radionuclide Production Cross Section



72-Hf-178g
72-Hf-178m5
72-Hf-178m10

12

Incident Energy (MeV)

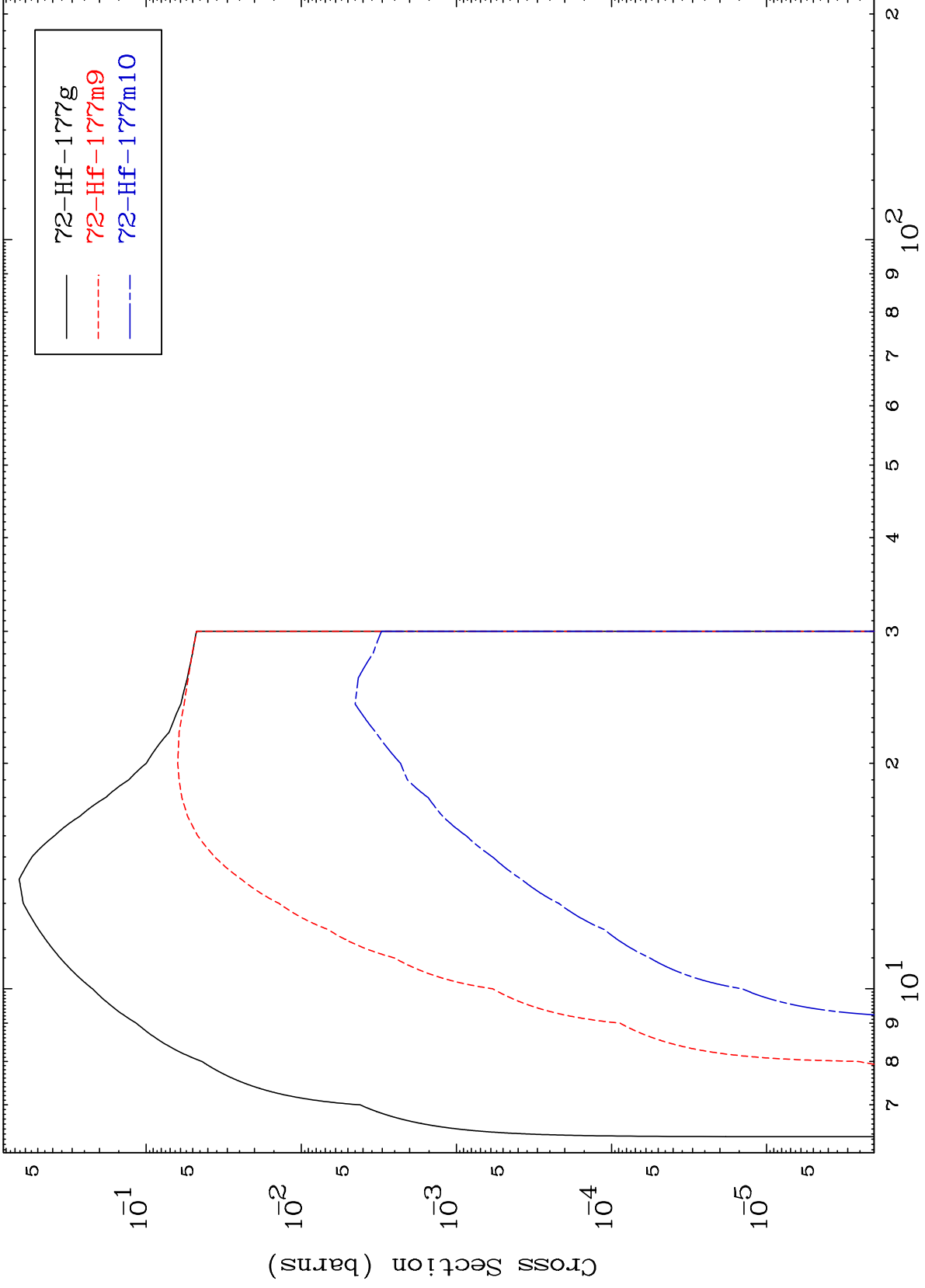
71-Lu-178

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(p,2n)

71-Lu-178

Radionuclide Production Cross Section



13

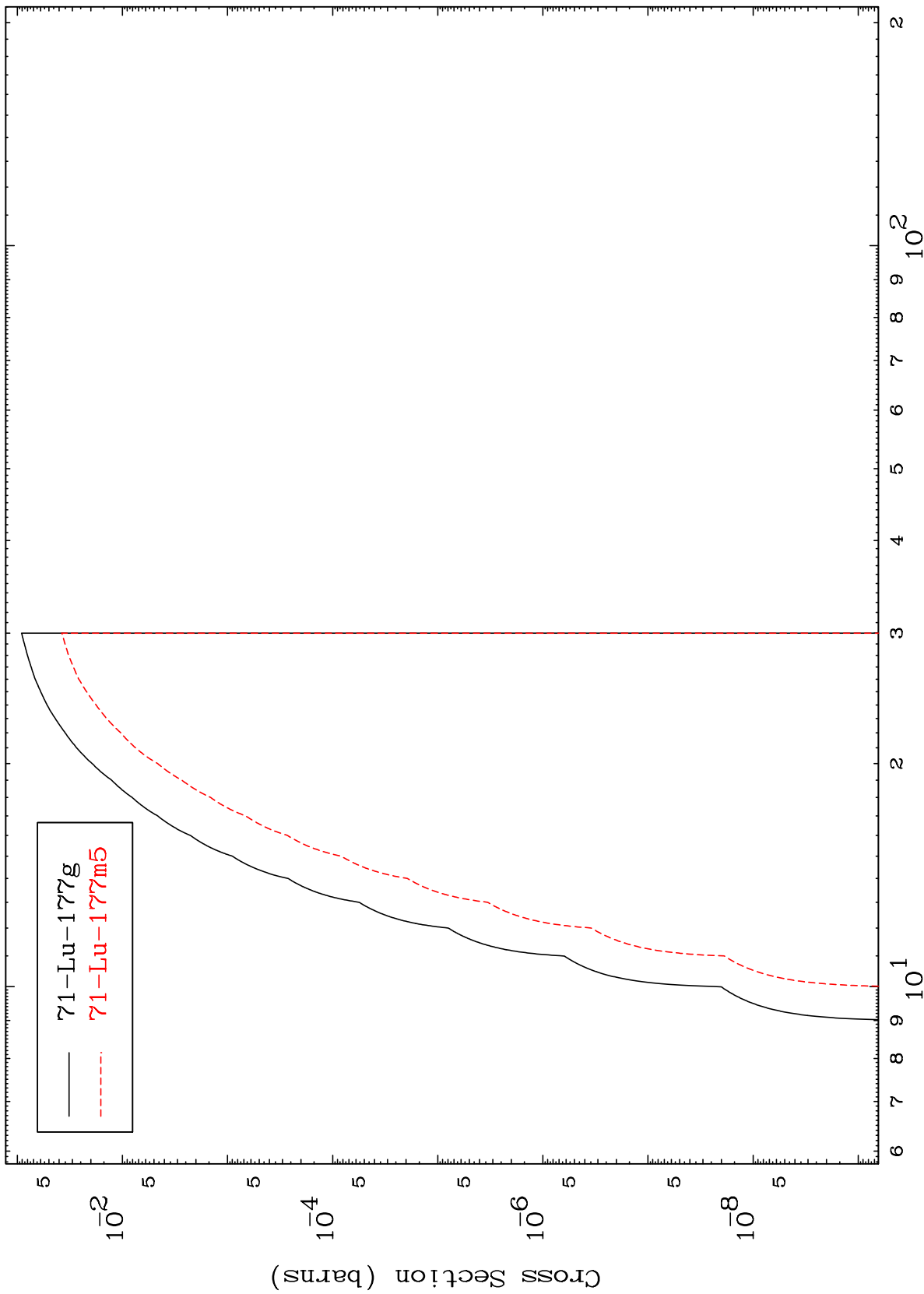
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

(p,n') p
Radionuclide Production Cross Section



71-Lu-178

Incident Energy (MeV)

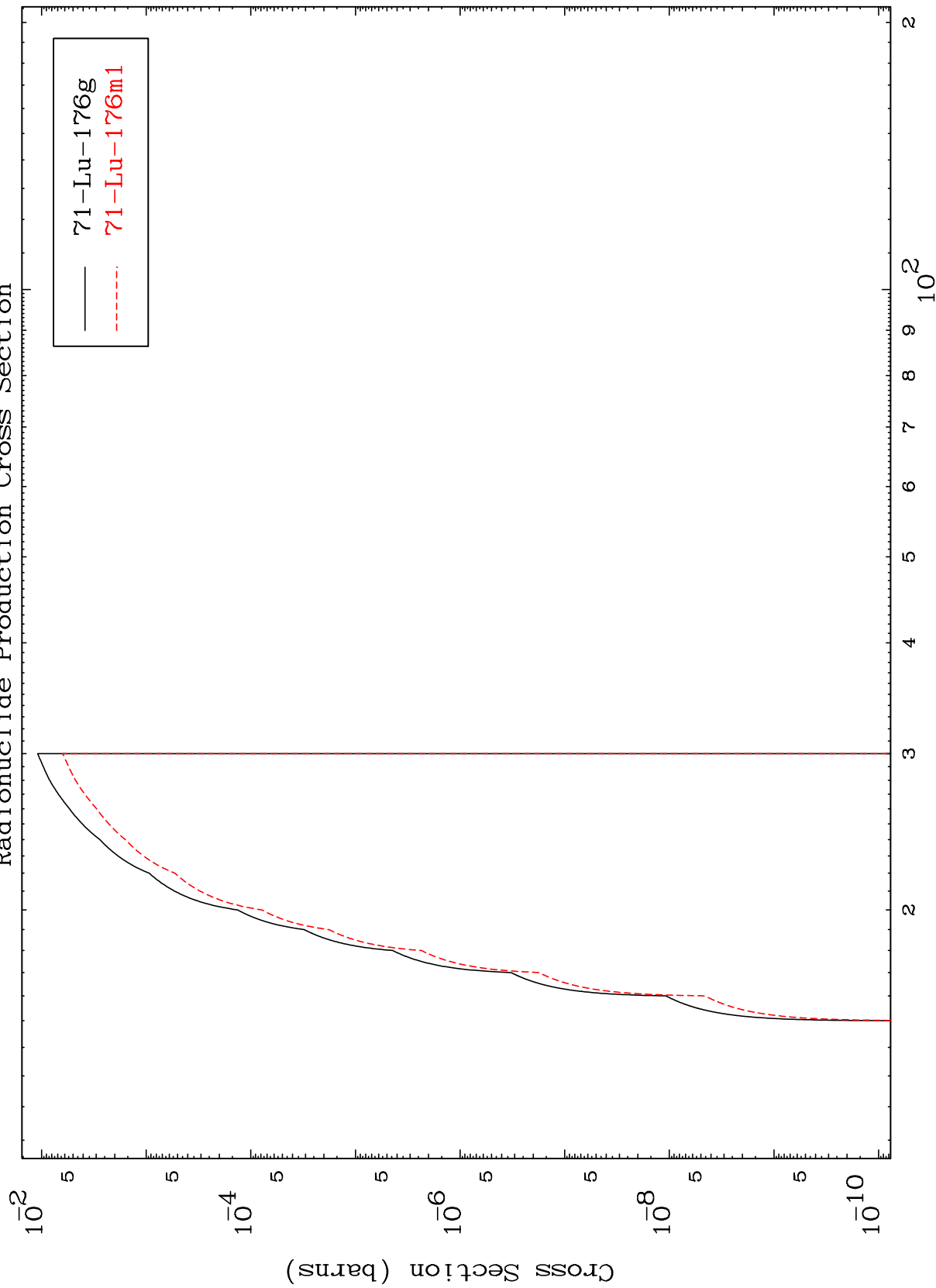
14

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(p,n') d

71-Lu-178

Radionuclide Production Cross Section



15

Incident Energy (MeV)

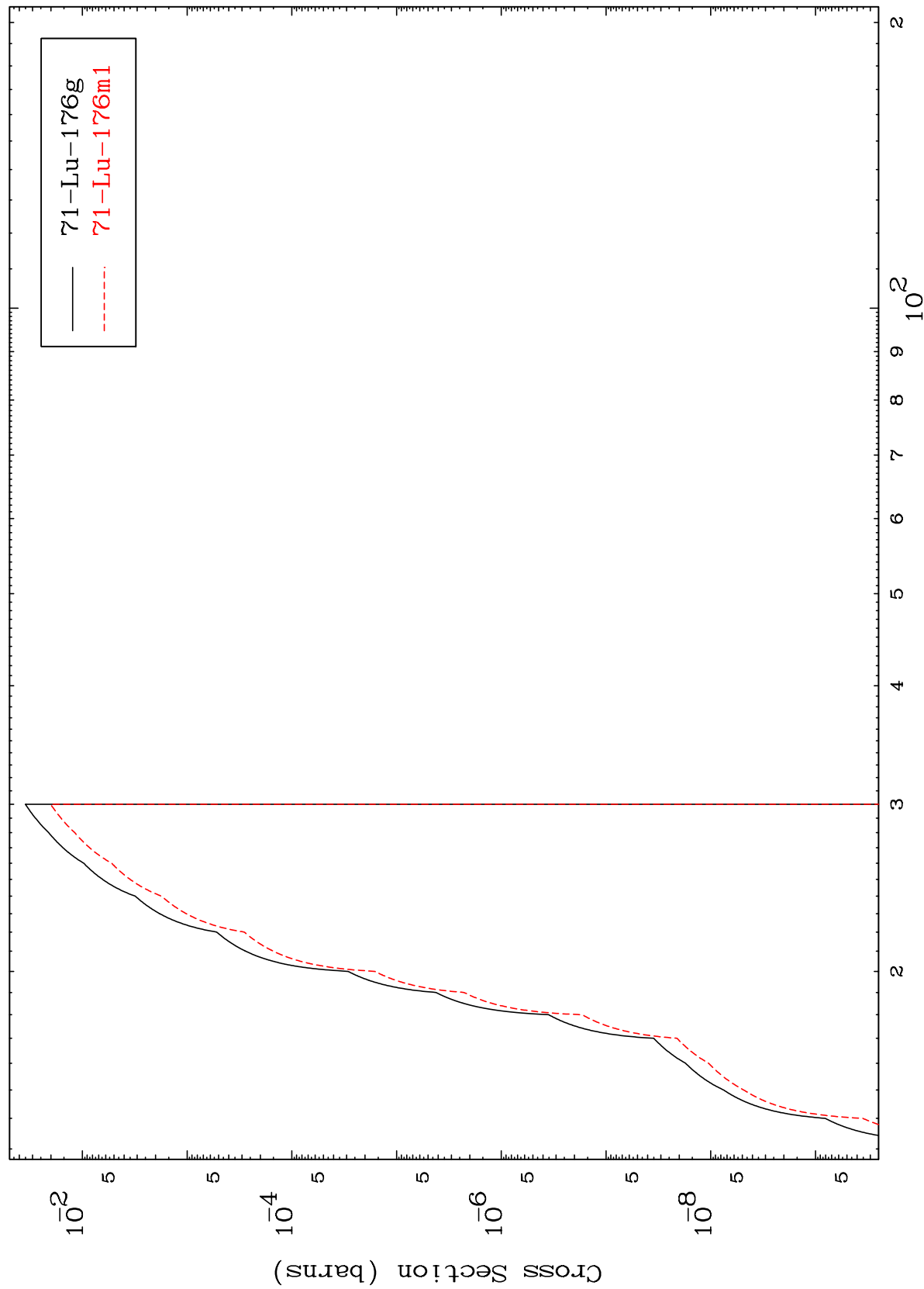
71-Lu-178

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(p,2n) p

⁷¹Lu-178

Radionuclide Production Cross Section



16

Incident Energy (MeV)

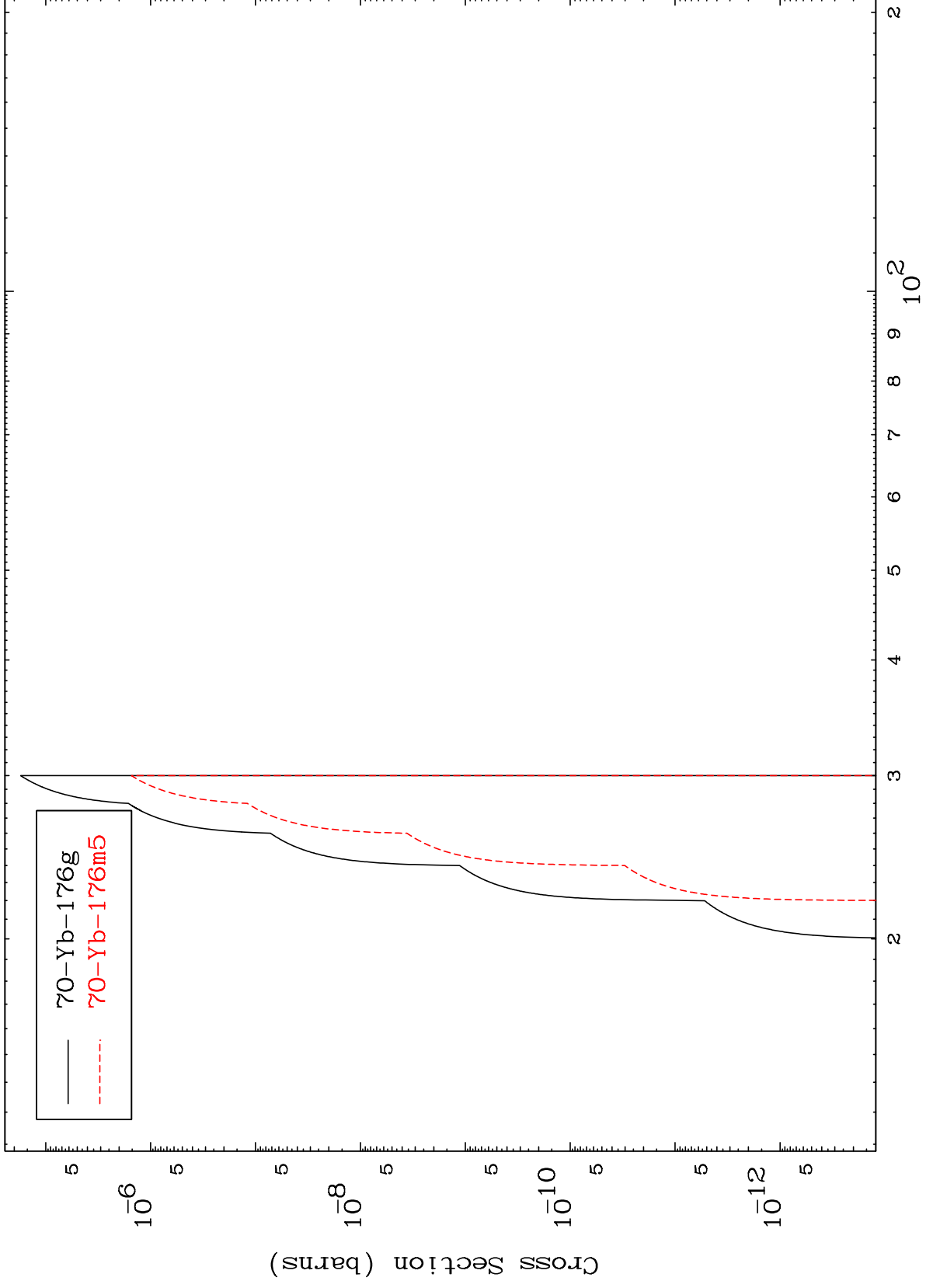
⁷¹Lu-178

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(p,2n) p

⁷¹Lu-178

Radionuclide Production Cross Section



17

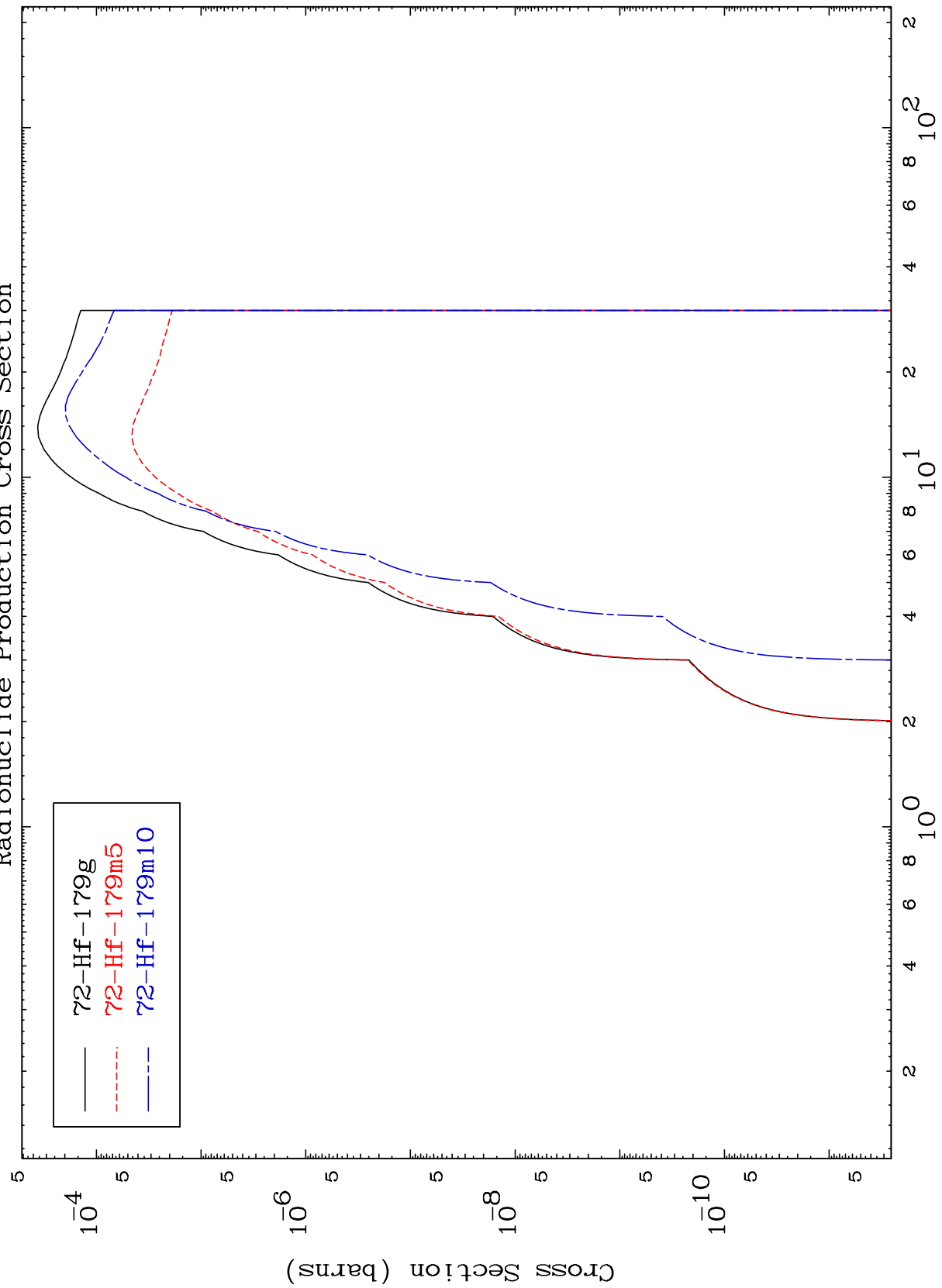
Incident Energy (MeV)

⁷¹Lu-178

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71-Lu-178

(p, γ)
Radionuclide Production Cross Section



71-Lu-178

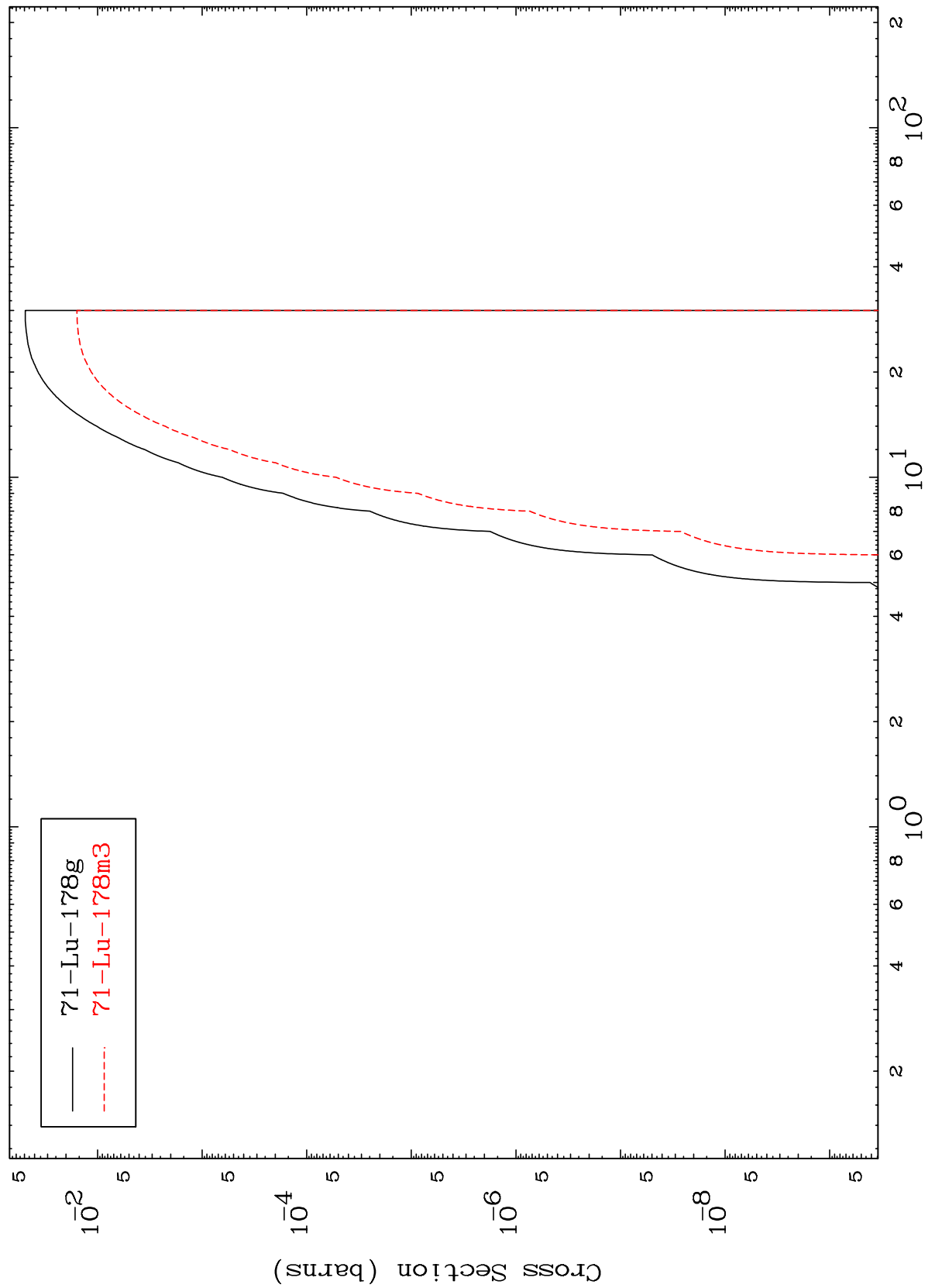
Incident Energy (MeV)

18

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71-Lu-178

(p,p)
Radionuclide Production Cross Section



71-Lu-178

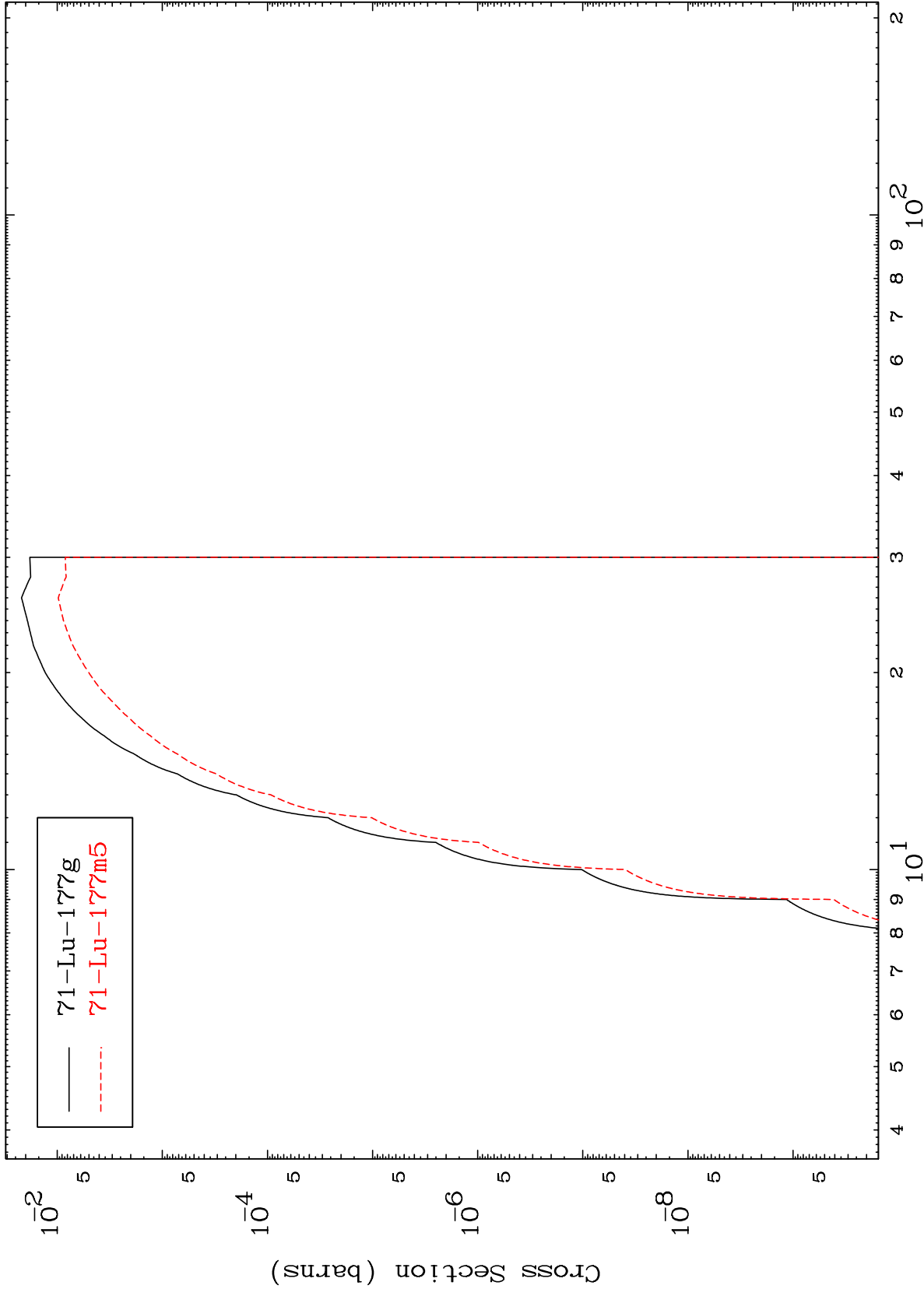
Incident Energy (MeV)

19

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⁷¹Lu-178

(p,d)
Radionuclide Production Cross Section



⁷¹Lu-178

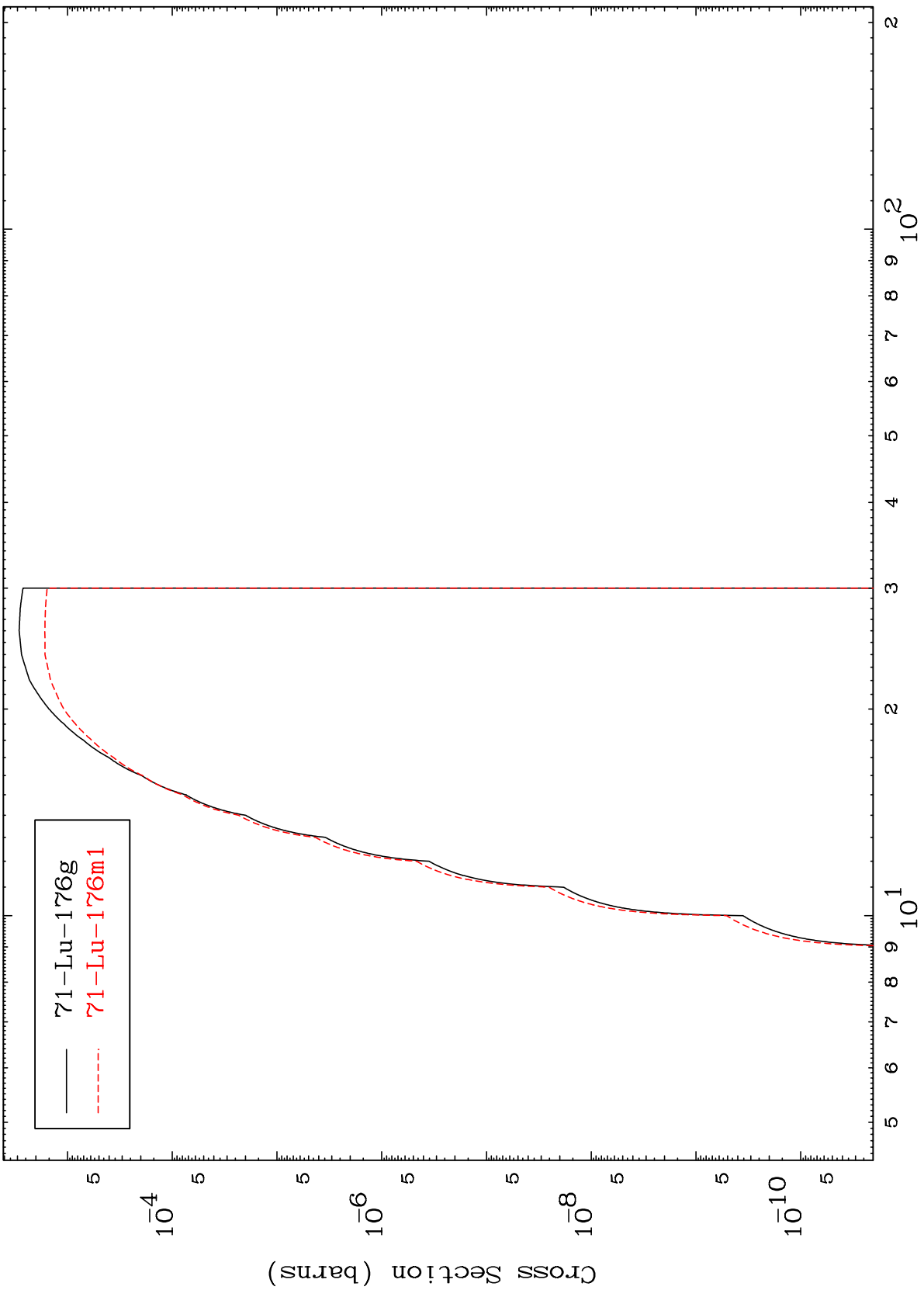
Incident Energy (MeV)

20

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⁷¹Lu-178

Radionuclide Production Cross Section (p, t)



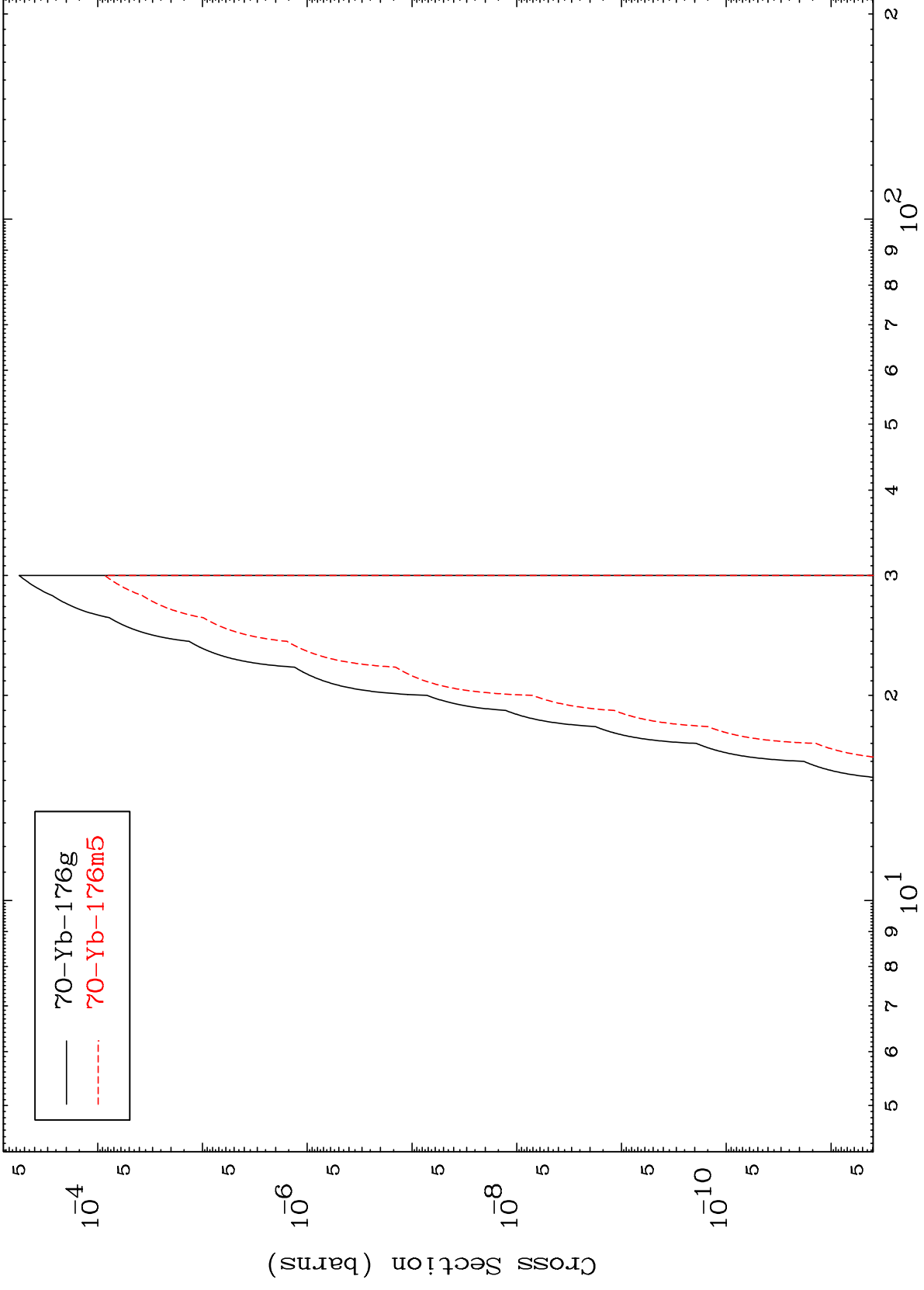
Legend:
— $^{71}\text{Lu-176g}$
- - - $^{71}\text{Lu-176m1}$

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(p,He-3)

71-Lu-178

Radionuclide Production Cross Section

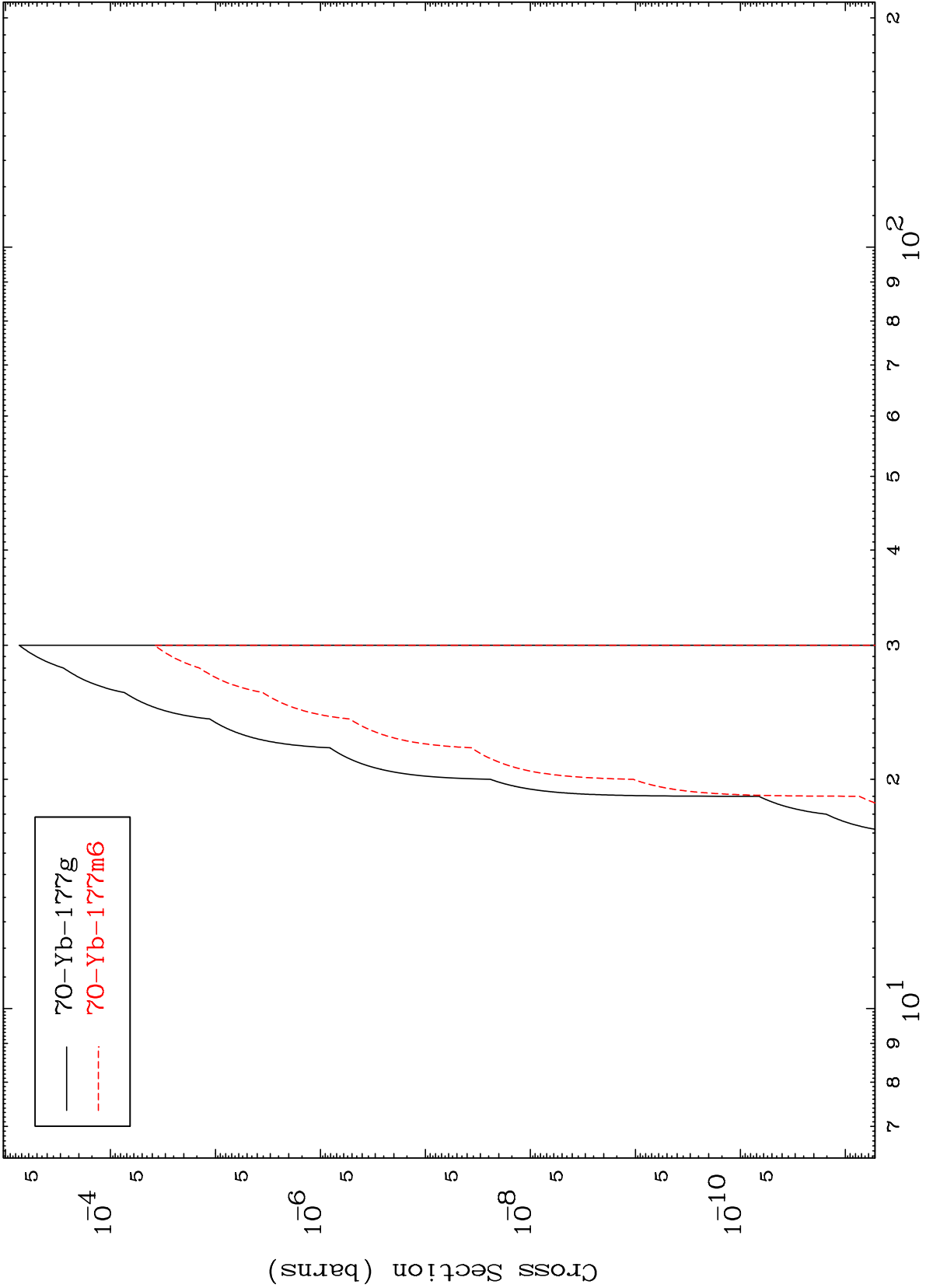


— 70-Yb-176g
- - - 70-Yb-176m5

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71-Lu-178

(p,2p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

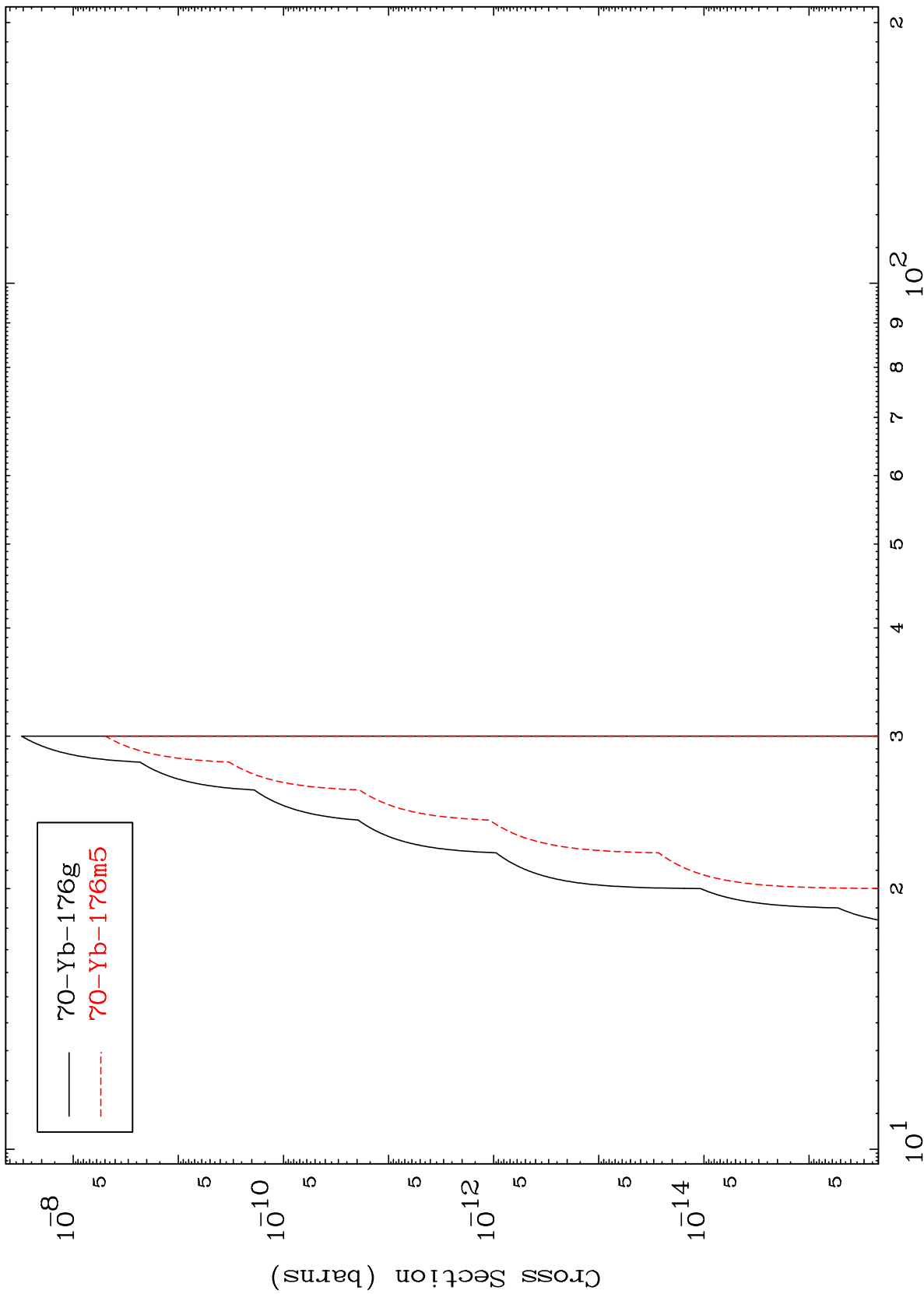
71-Lu-178

MAT 7134

(p,p) d

71-Lu-178

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-178

24