

Program EVALPLOT
(Version 2021-1)

by

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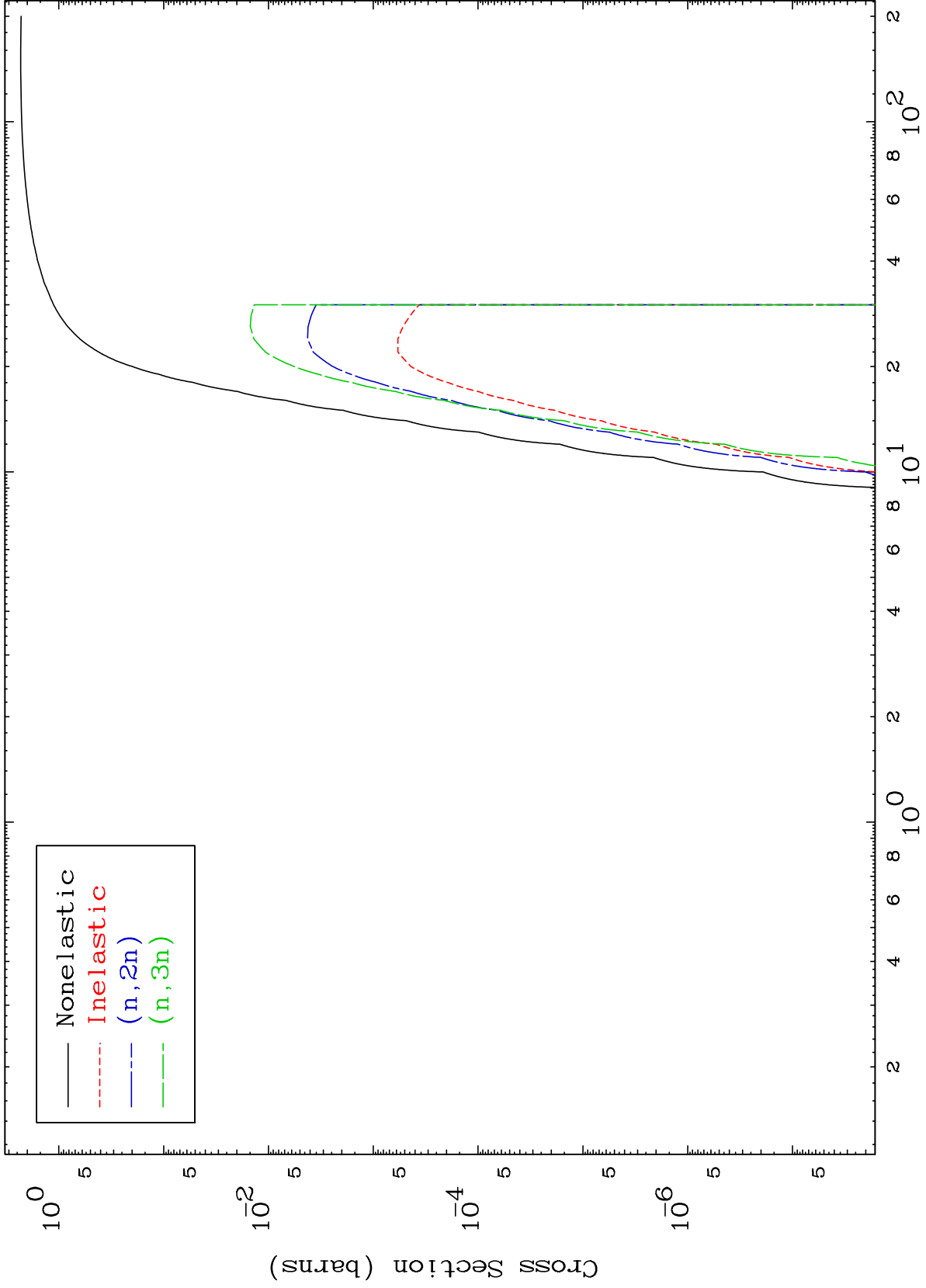
Press Mouse Button to Start

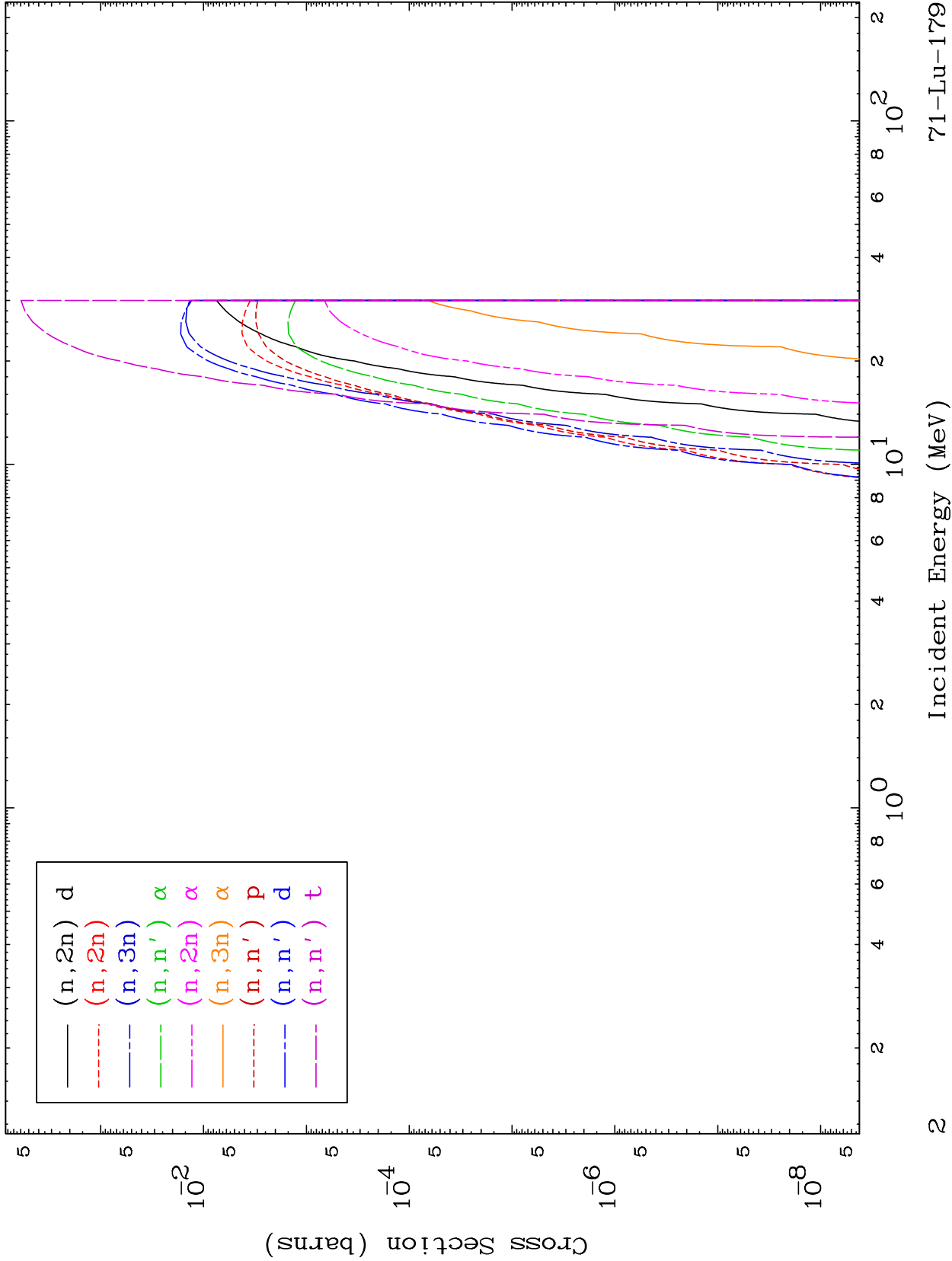
MAT 7137

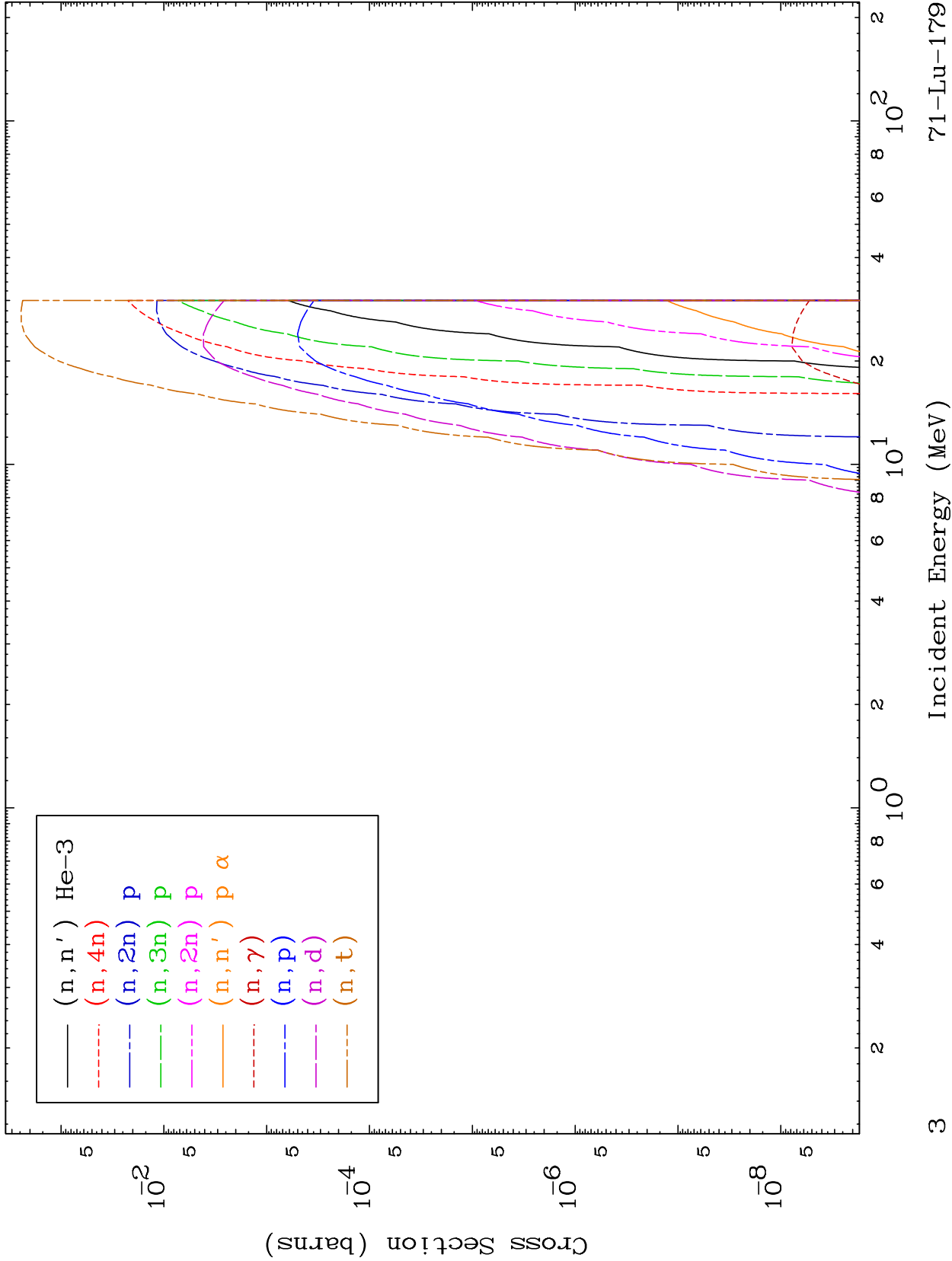
He-3 Major

0 Kelvin Cross Sections

71-Lu-179



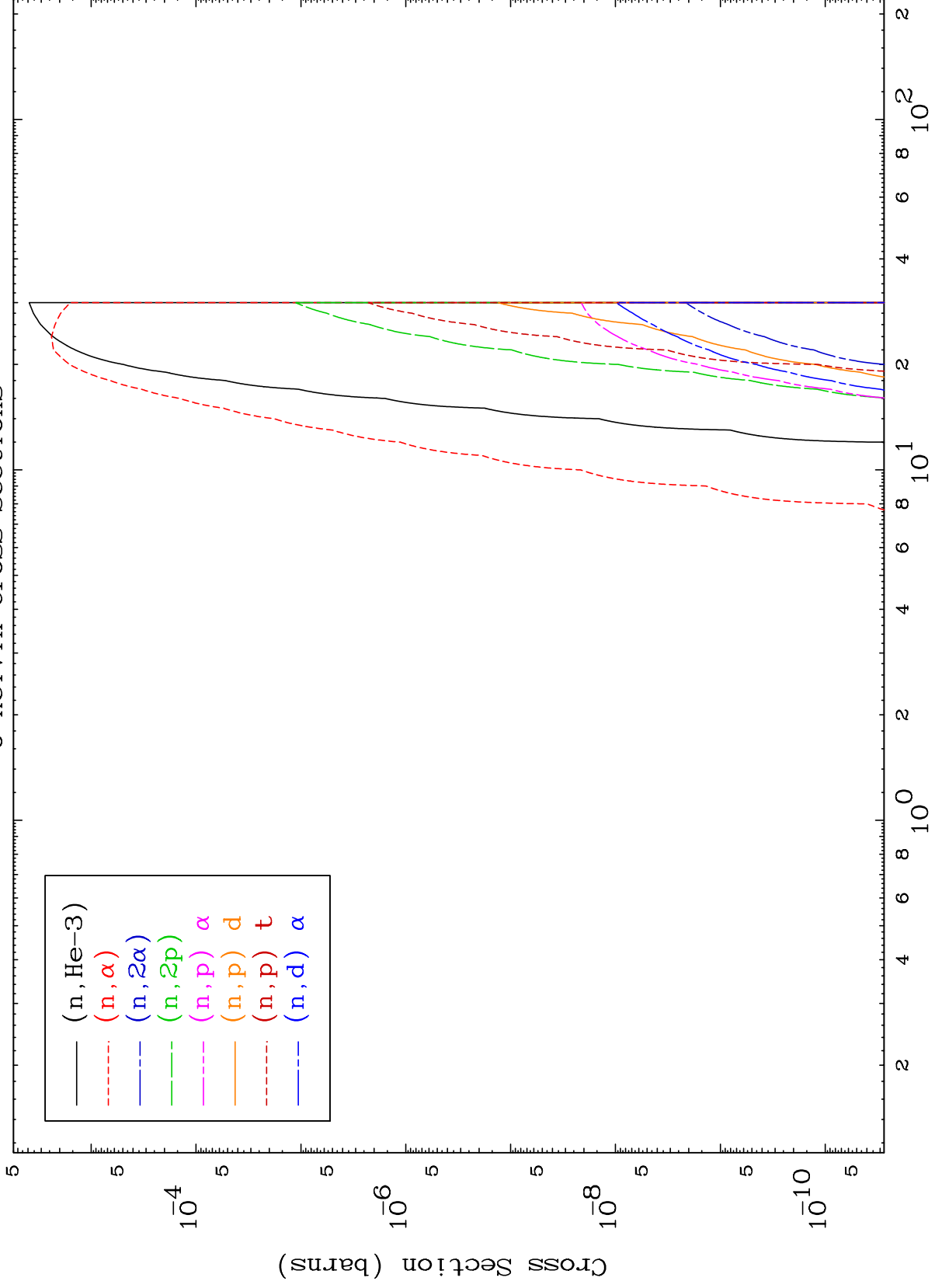


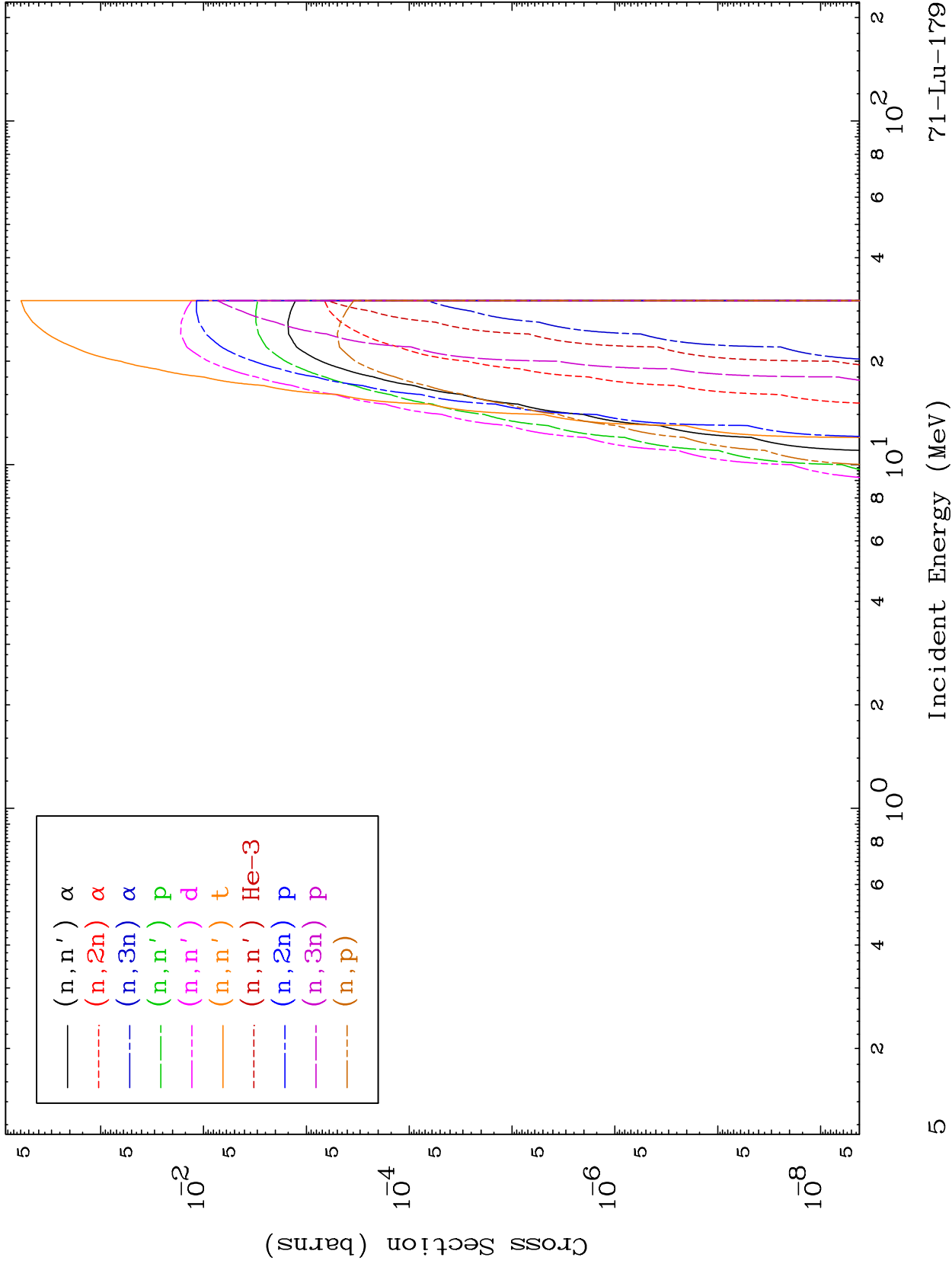


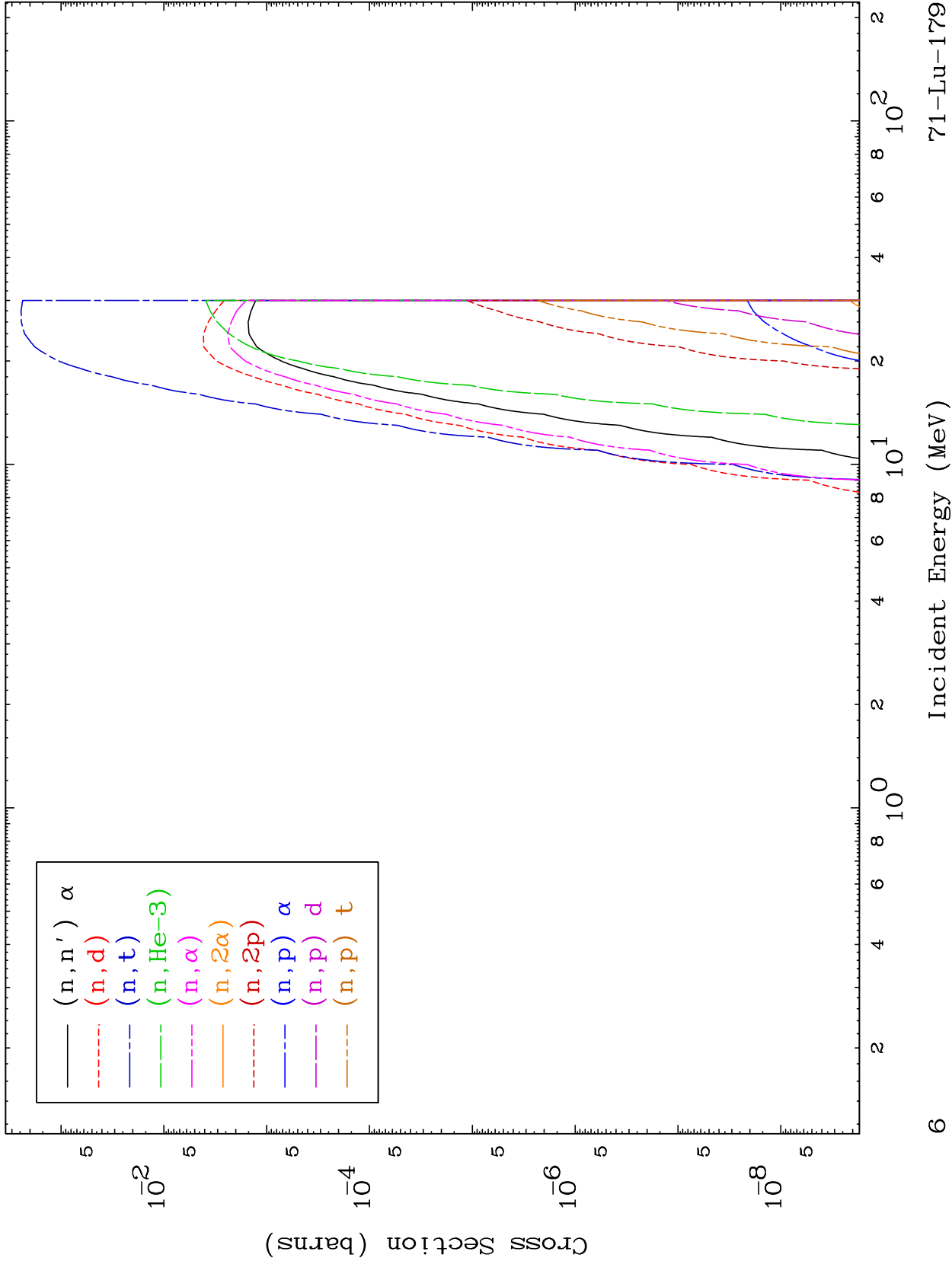
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He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-179



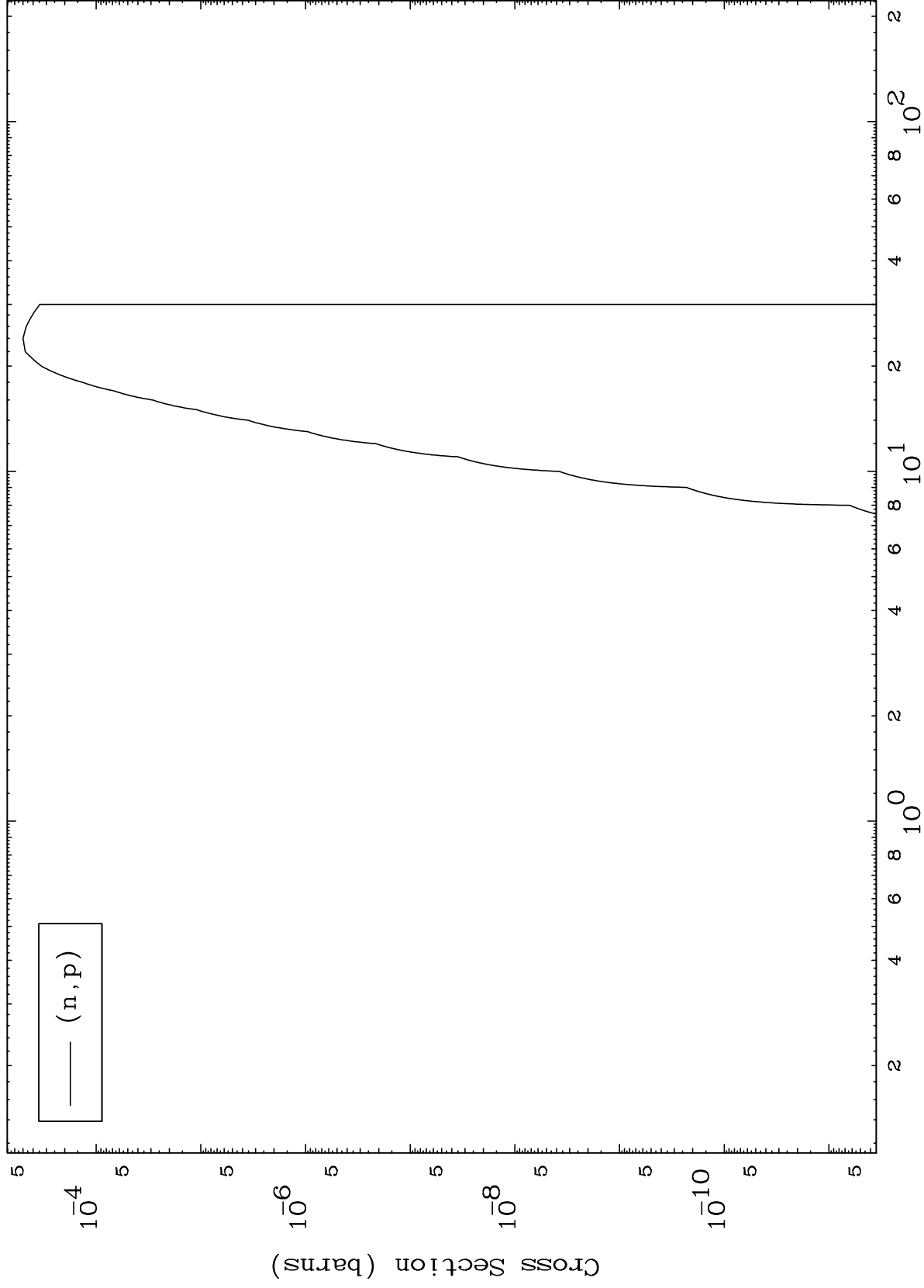




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(He-3,p) Levels
0 Kelvin Cross Sections

71-Lu-179



7

Incident Energy (MeV)

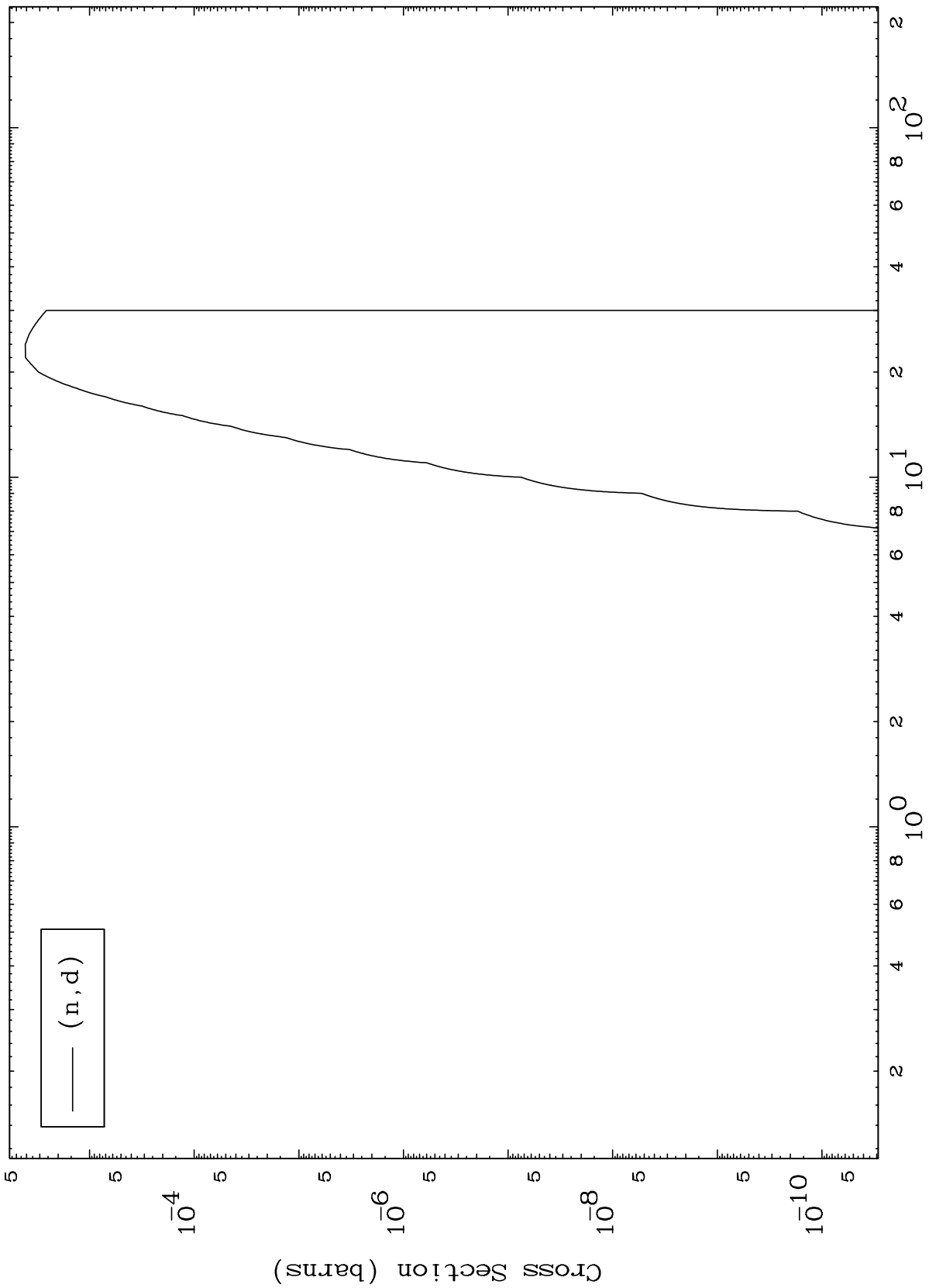
71-Lu-179

MAT 7137

(He-3,d) Levels

71-Lu-179

0 Kelvin Cross Sections

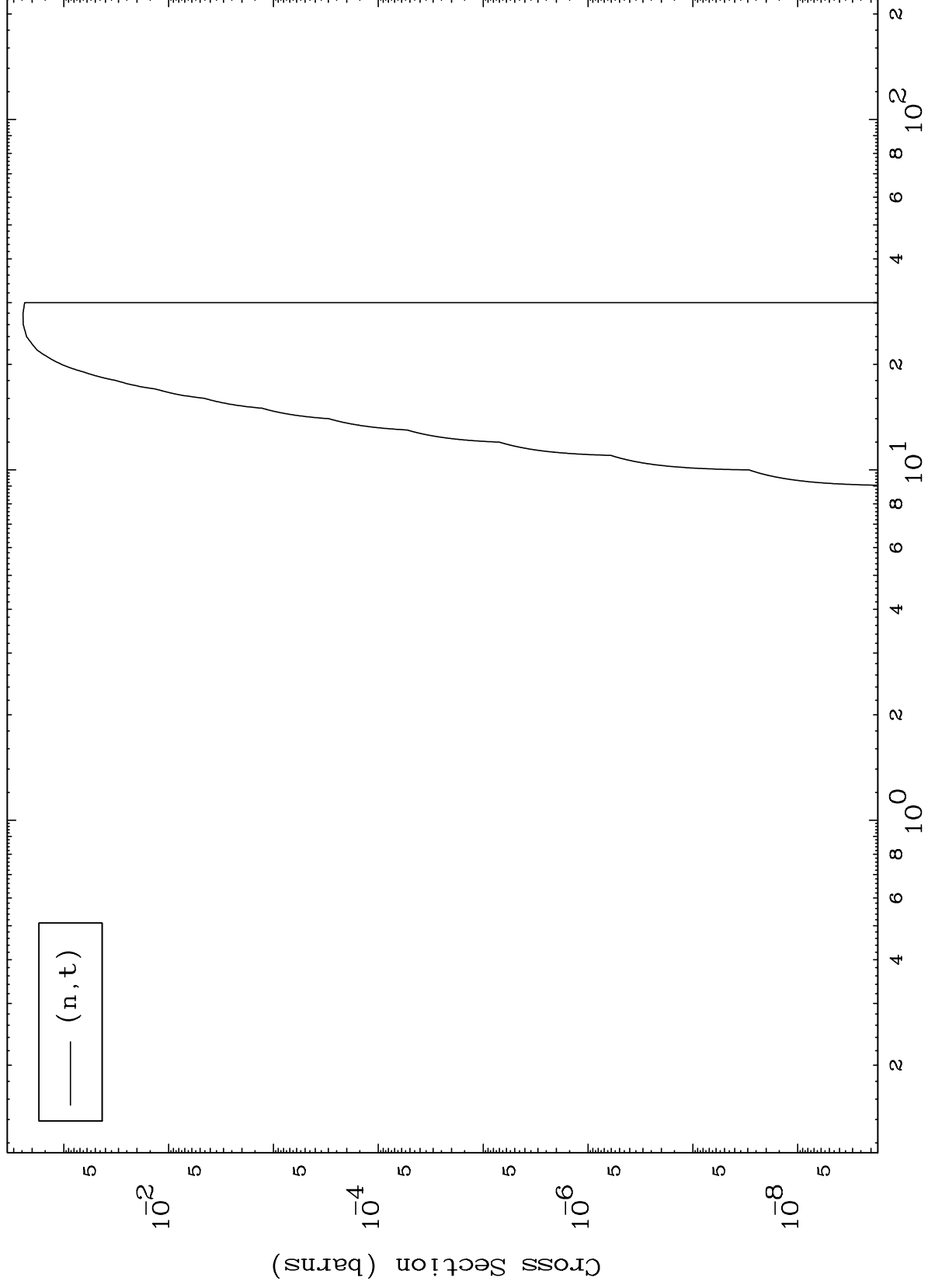


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(He-3,t) Levels

71-Lu-179

0 Kelvin Cross Sections

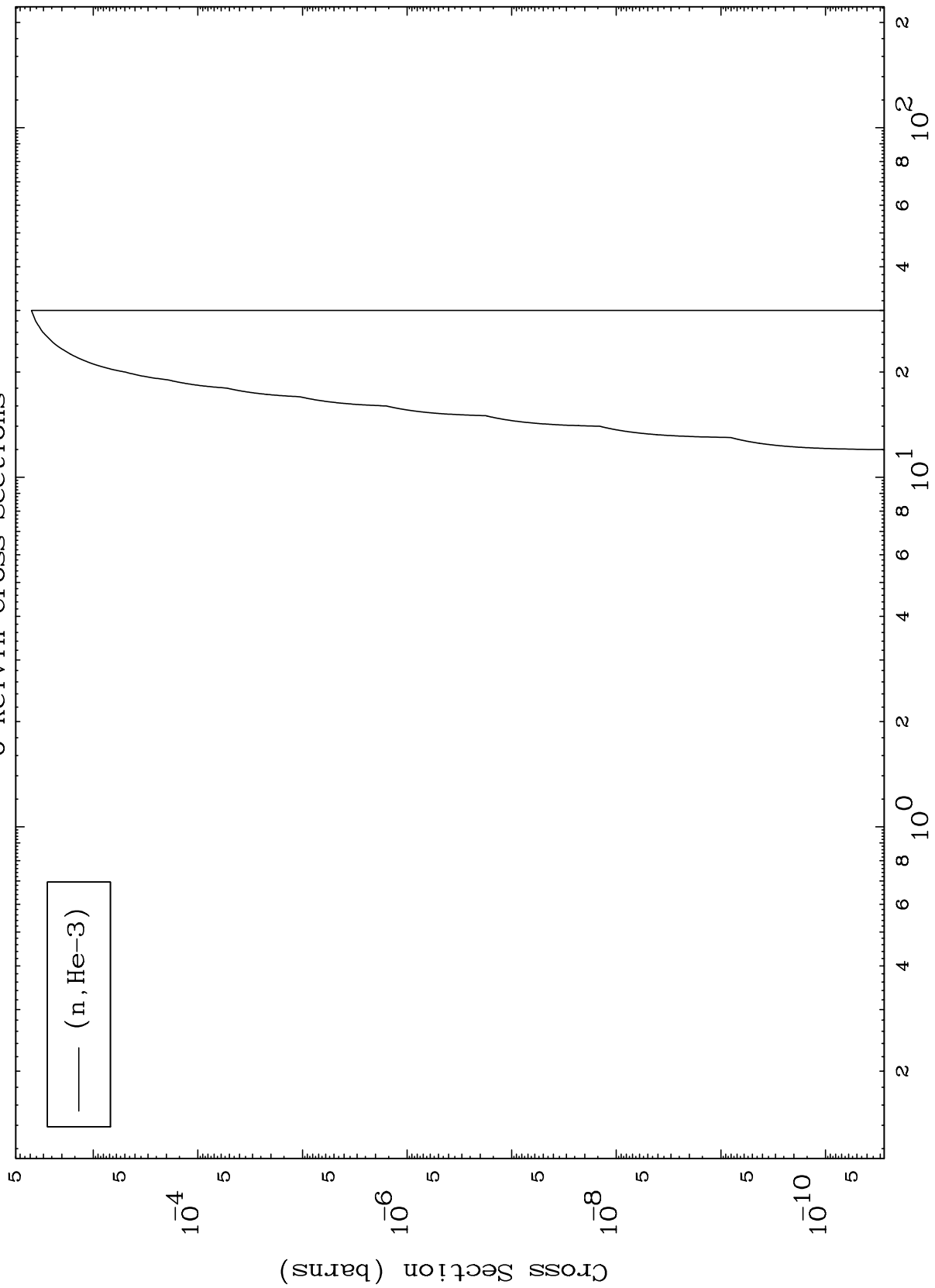


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(He-3, He3) Levels

71-Lu-179

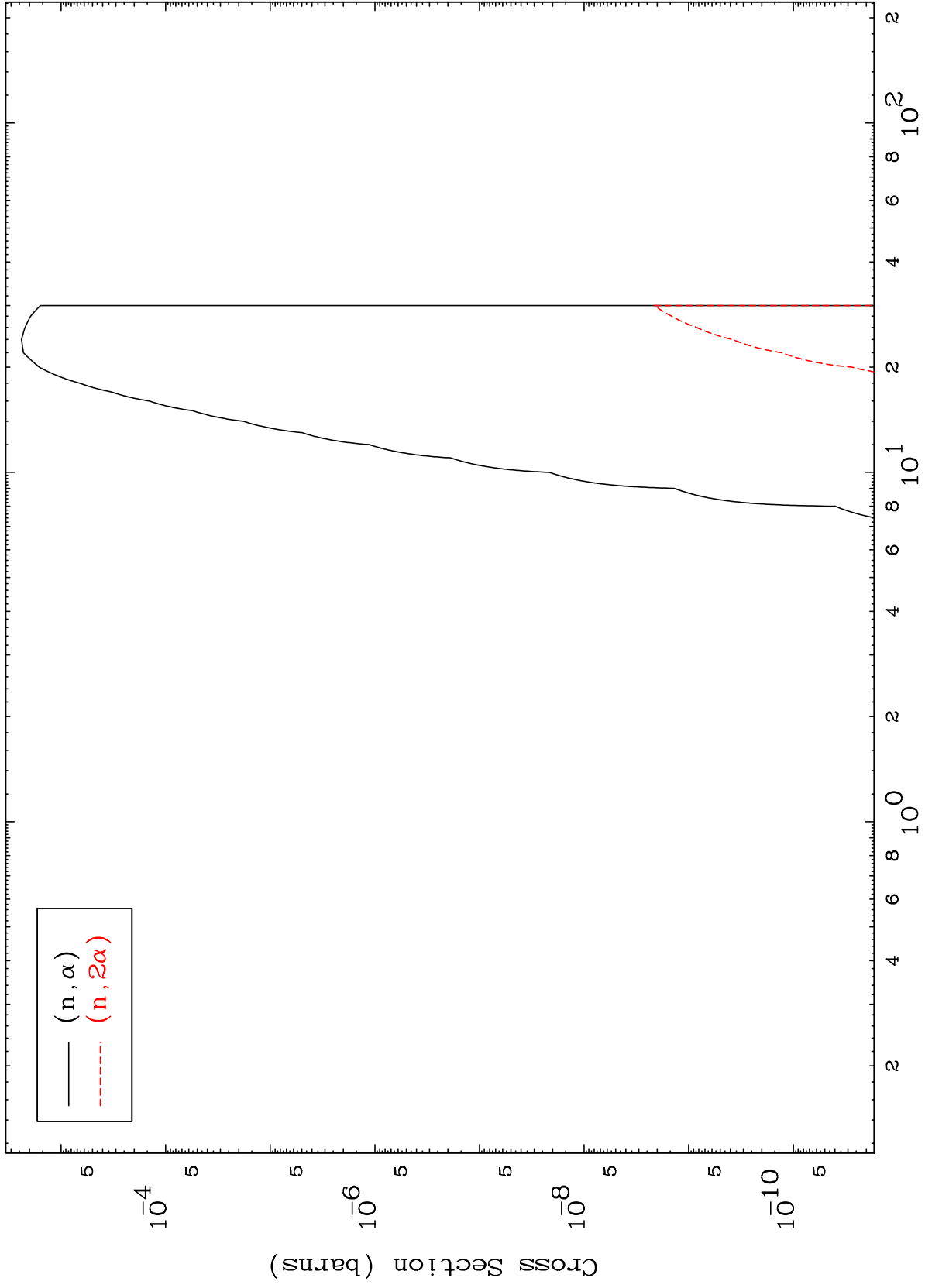
0 Kelvin Cross Sections



10

Incident Energy (MeV)

71-Lu-179

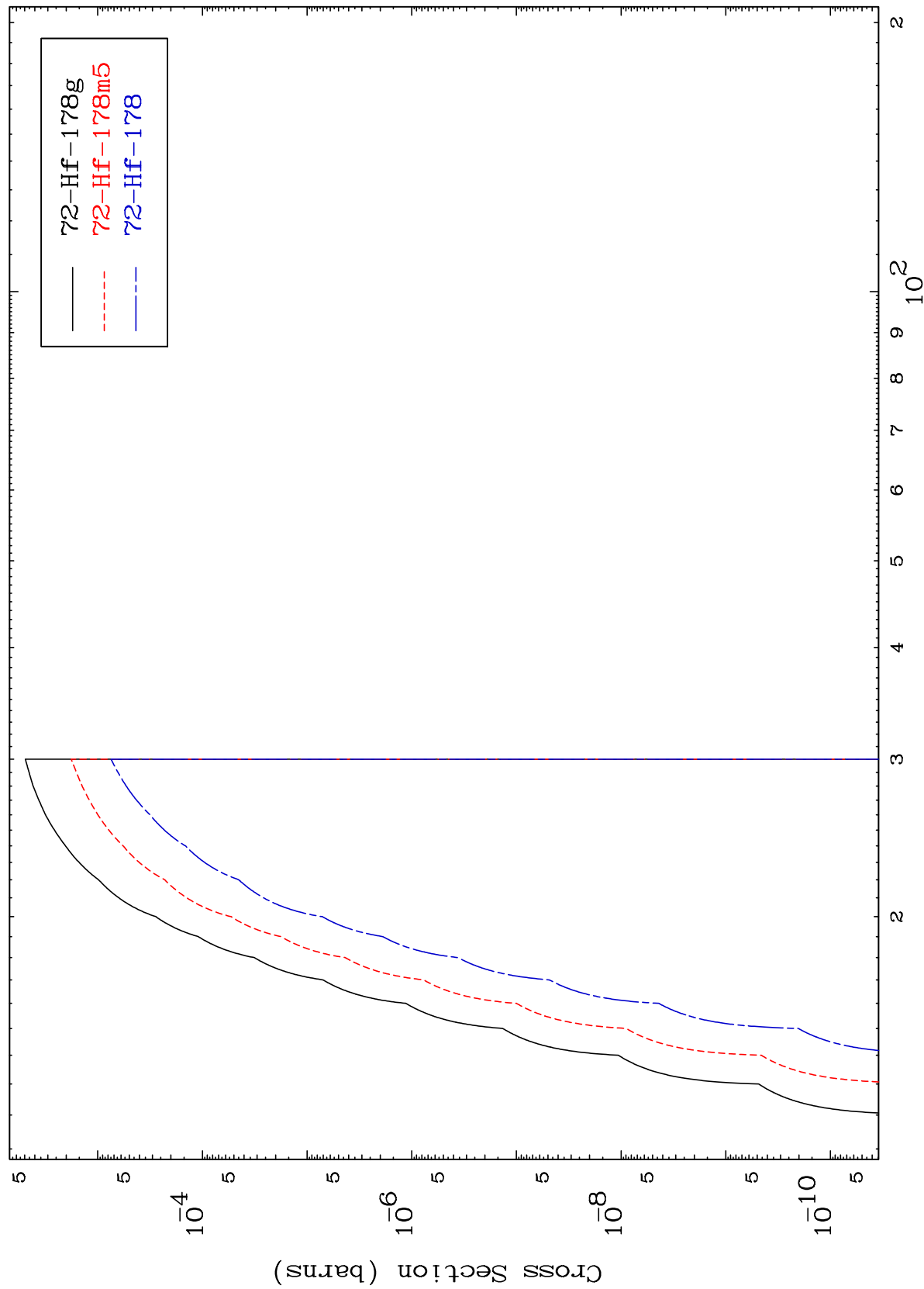


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(n,2n) d

71-Lu-179

Radionuclide Production Cross Section



12

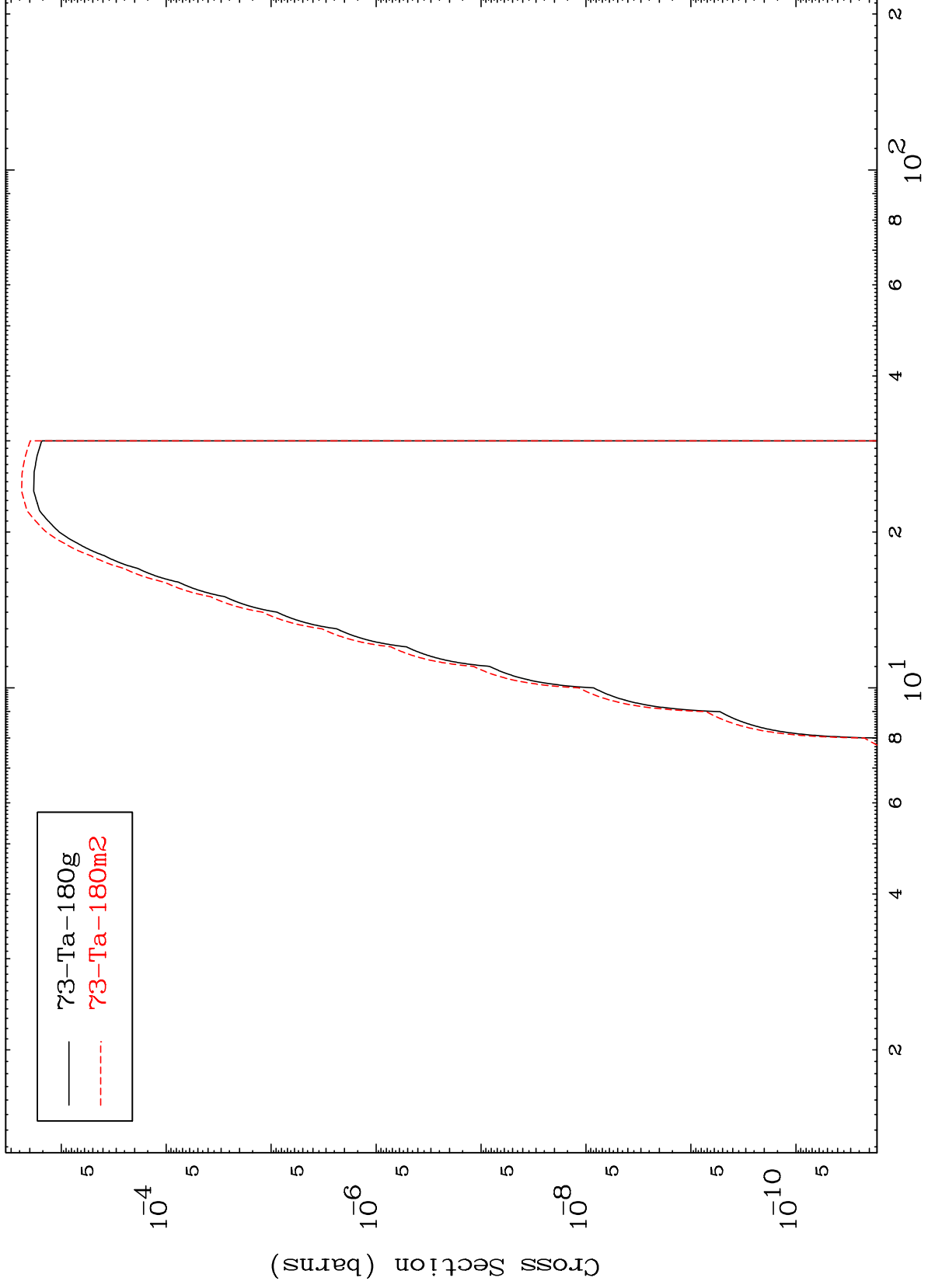
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,2n)
Radionuclide Production Cross Section



13

71-Lu-179

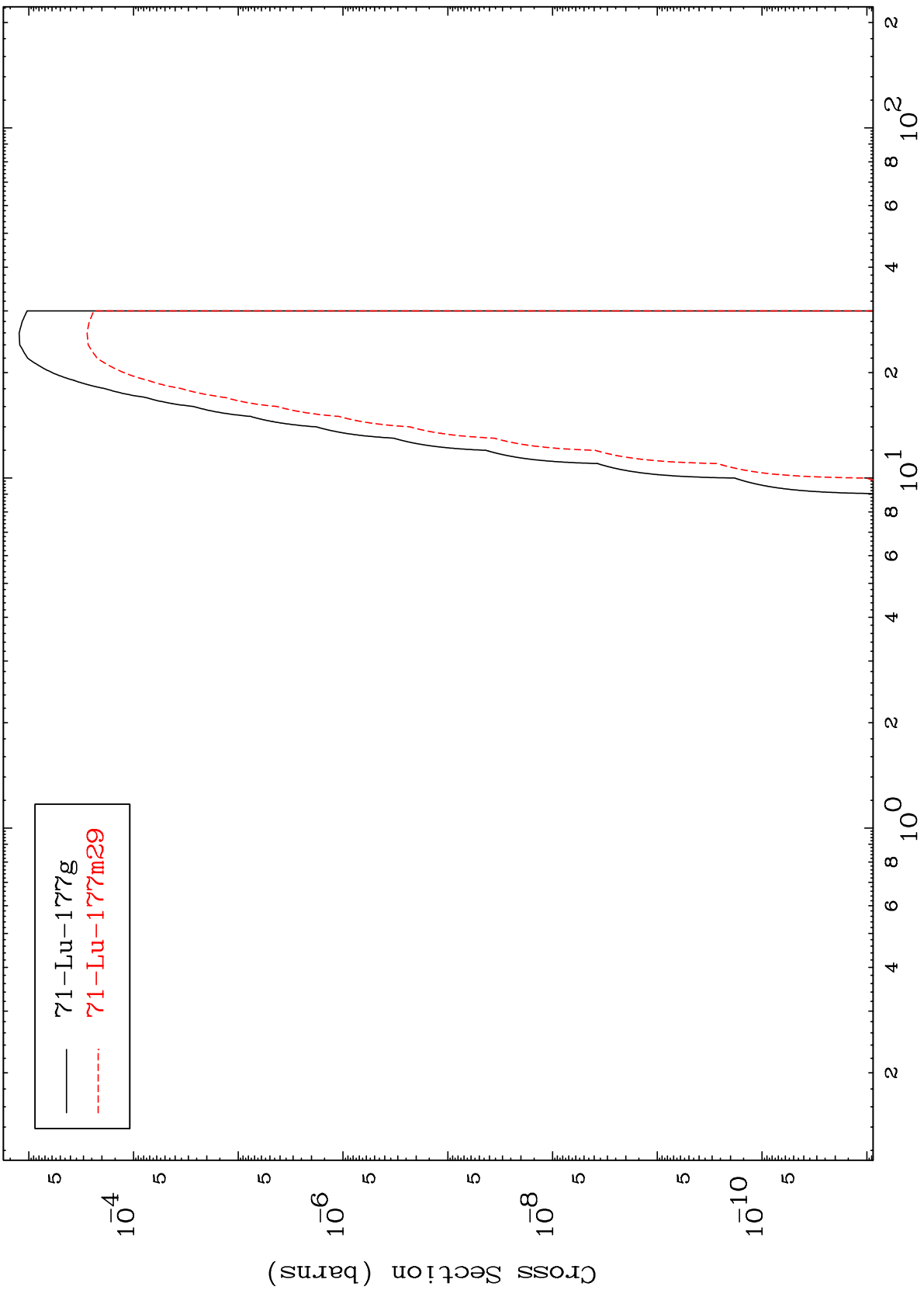
Incident Energy (MeV)

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$(n, n') \alpha$

$^{71}\text{Lu-179}$

Radionuclide Production Cross Section



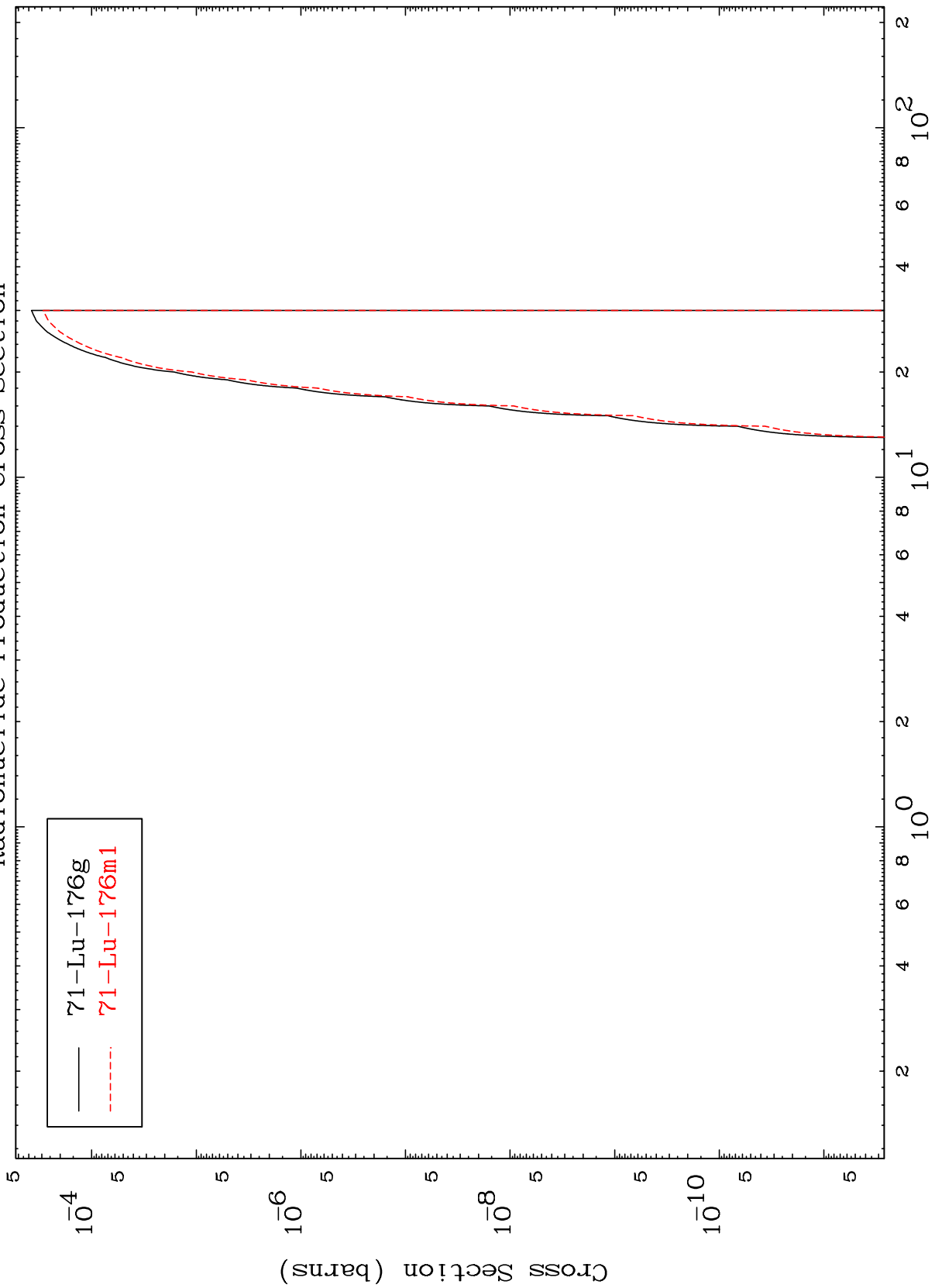
71-Lu-177g
71-Lu-177m29

MAT 7137

$(n,2n) \alpha$

$^{71}\text{Lu-179}$

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

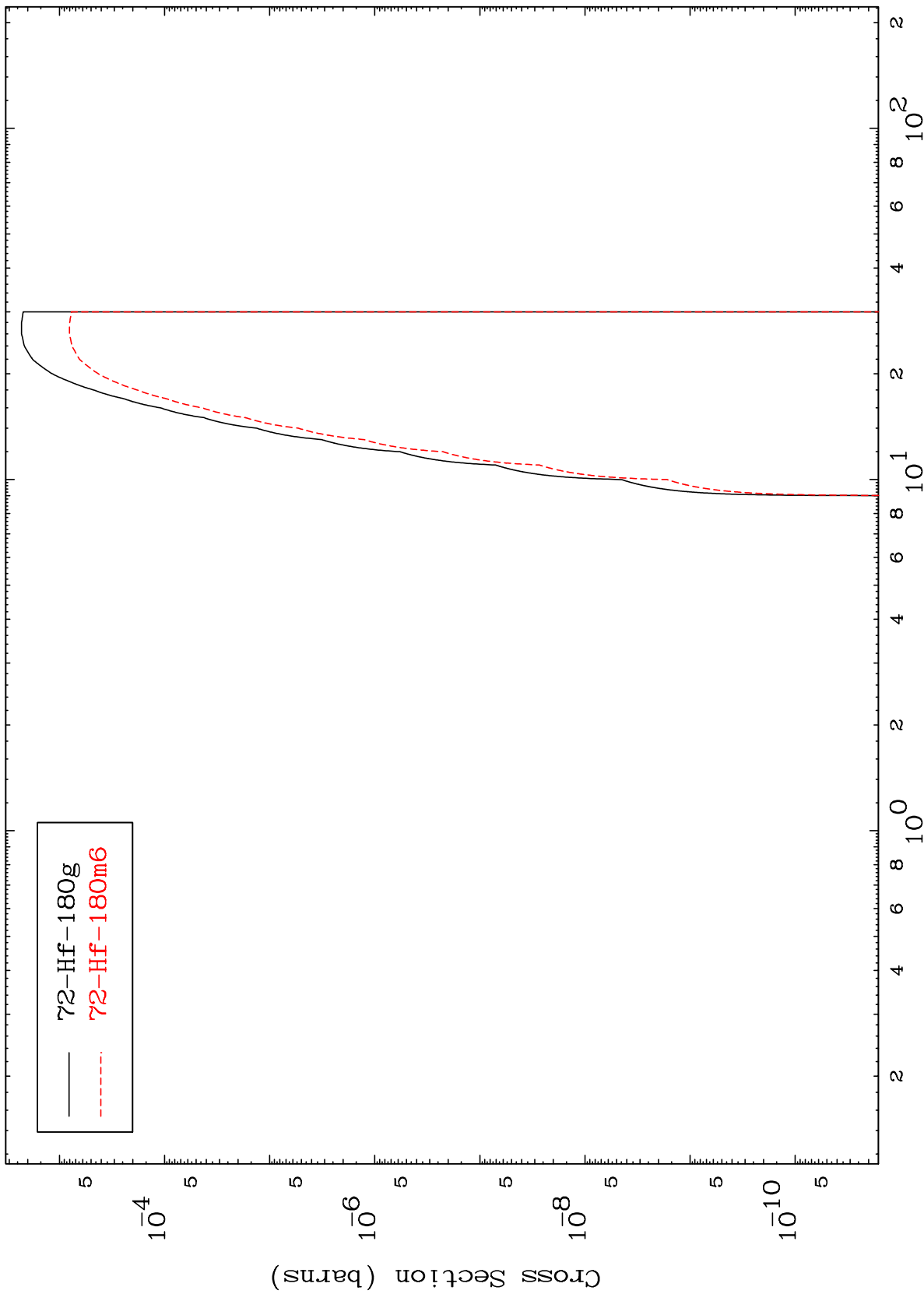
$^{71}\text{Lu-179}$

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(n,n') p

71-Lu-179

Radionuclide Production Cross Section

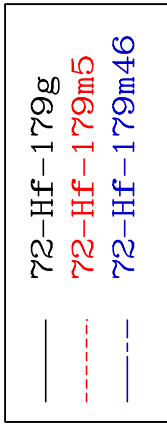
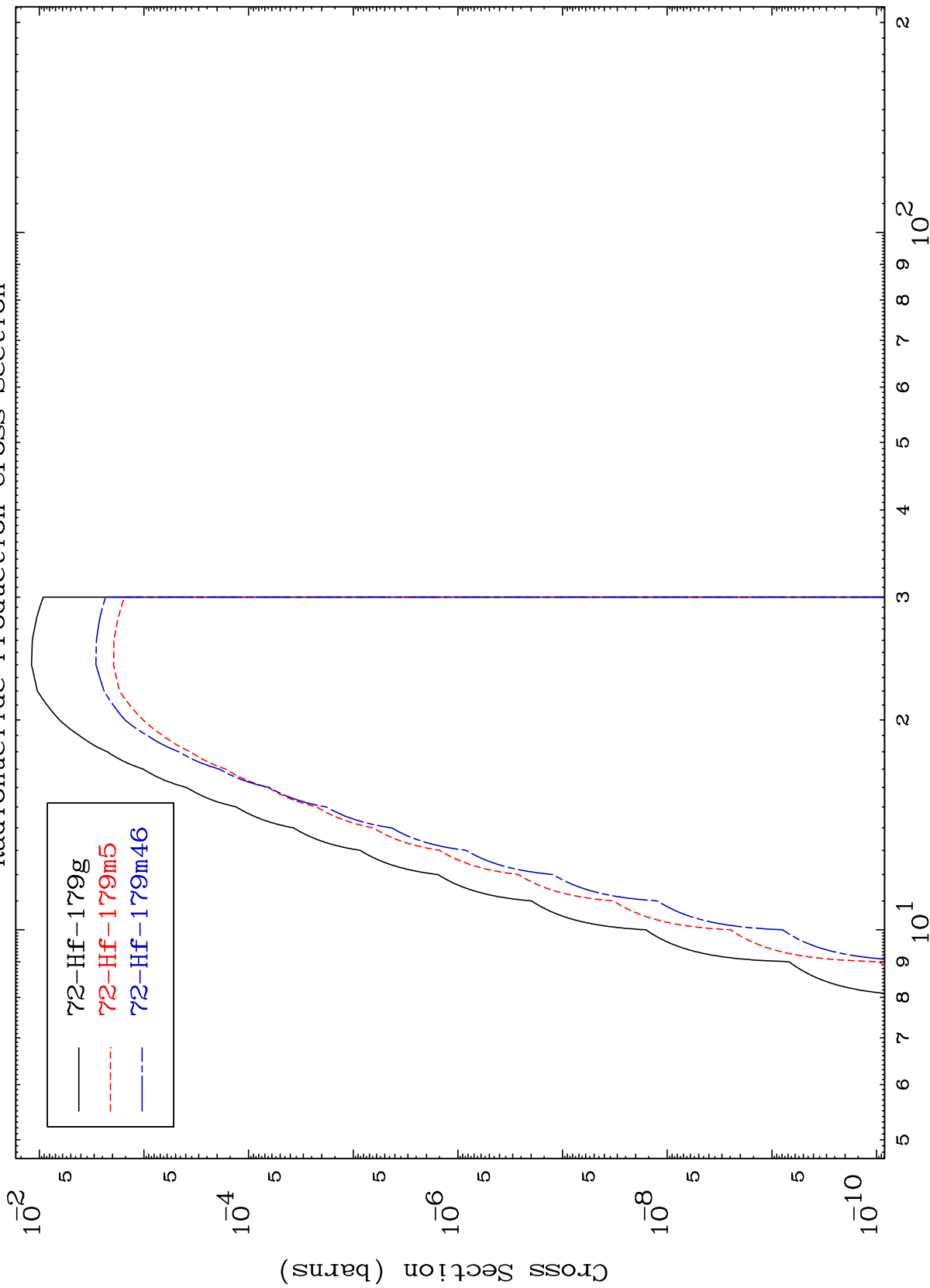


MAT 7137

(n,n') d

71-Lu-179

Radionuclide Production Cross Section



17

Incident Energy (MeV)

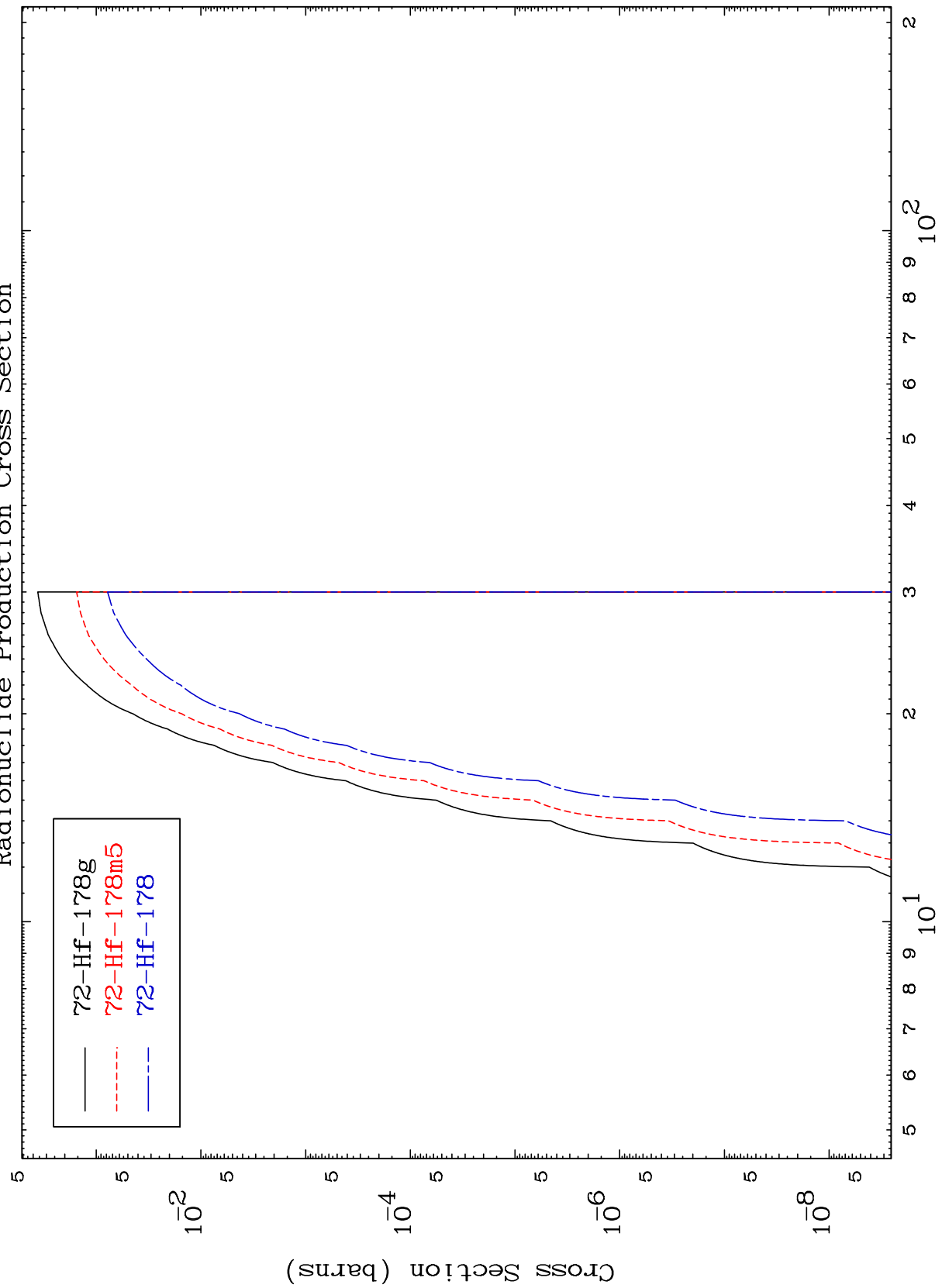
71-Lu-179

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(n,n') t

71-Lu-179

Radionuclide Production Cross Section



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

18

Incident Energy (MeV)

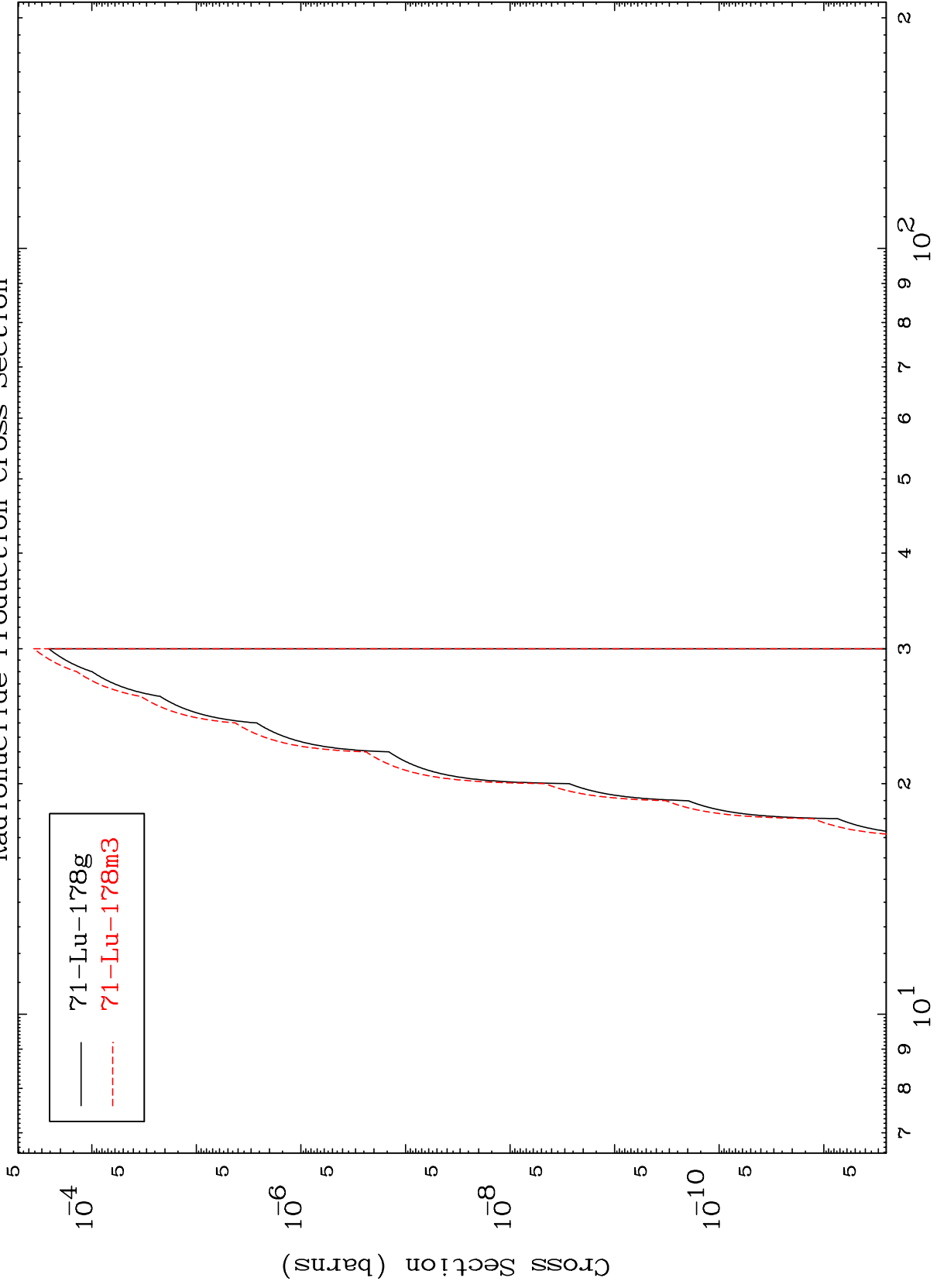
71-Lu-179

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(n,n') He-3

71-Lu-179

Radionuclide Production Cross Section



19

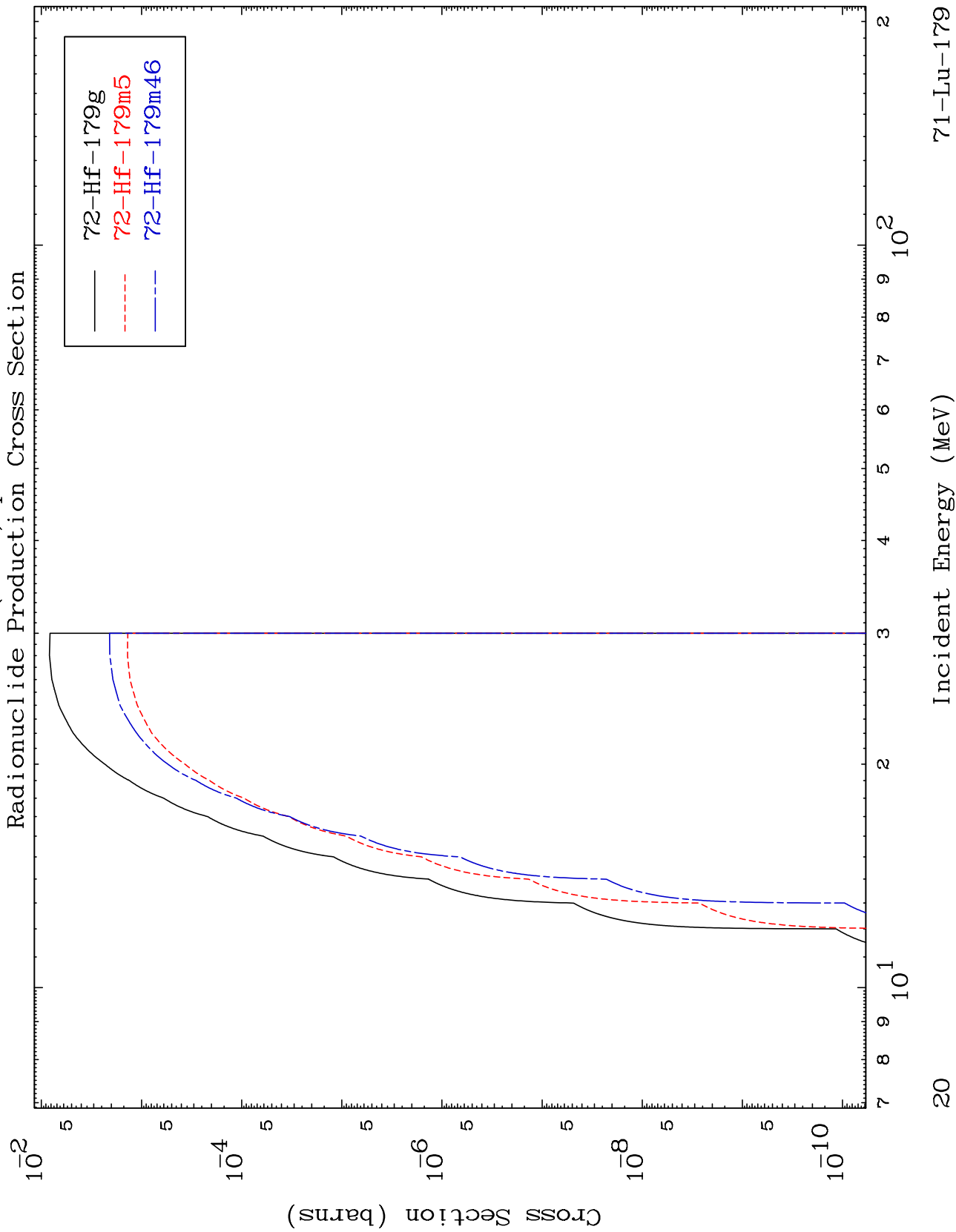
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,2n) p

71-Lu-179



20

Incident Energy (MeV)

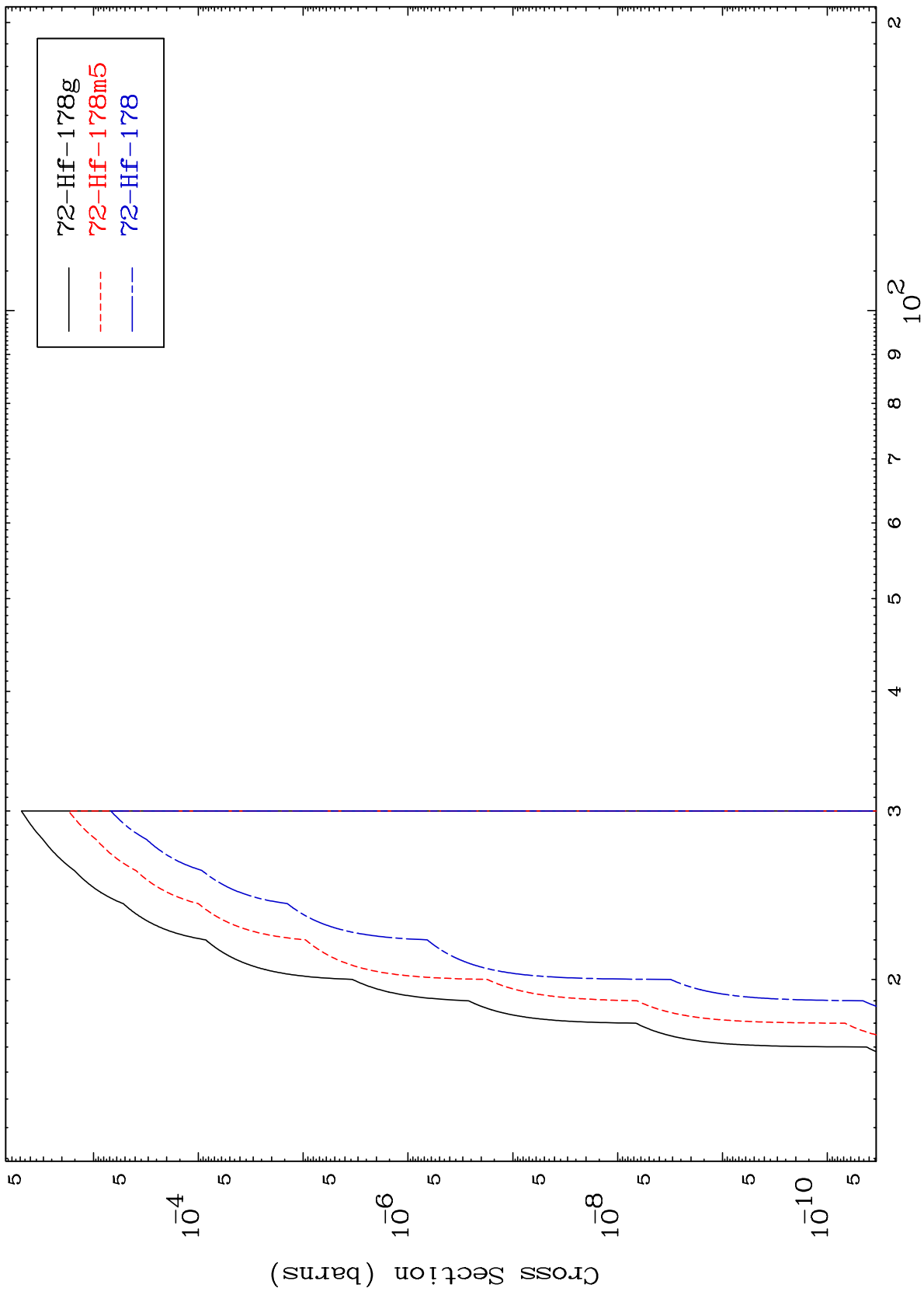
71-Lu-179

MAT 7137

(n,3n) p

71-Lu-179

Radionuclide Production Cross Section



21

Incident Energy (MeV)

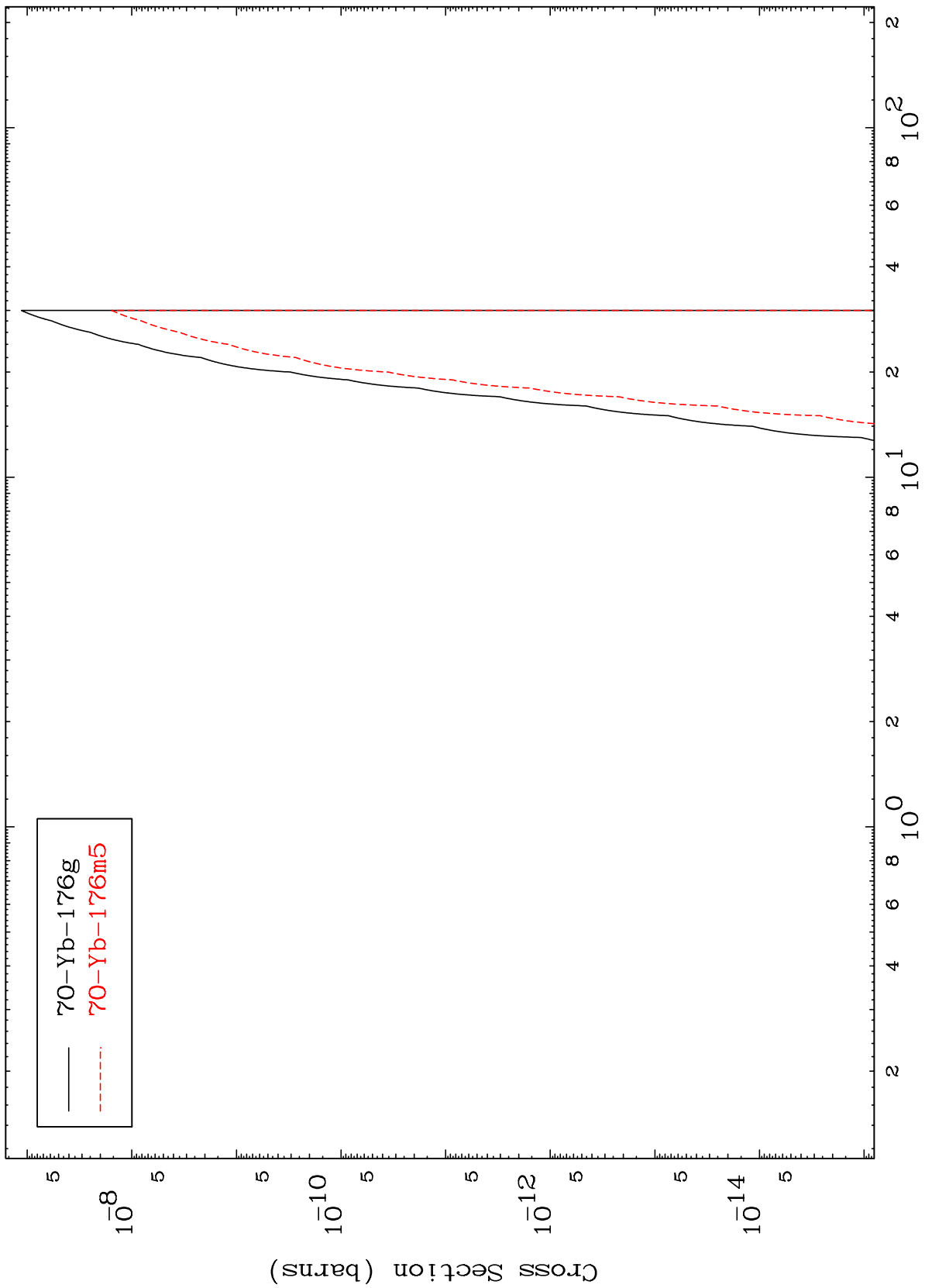
71-Lu-179

MAT 7137

(n,n') p α

71-Lu-179

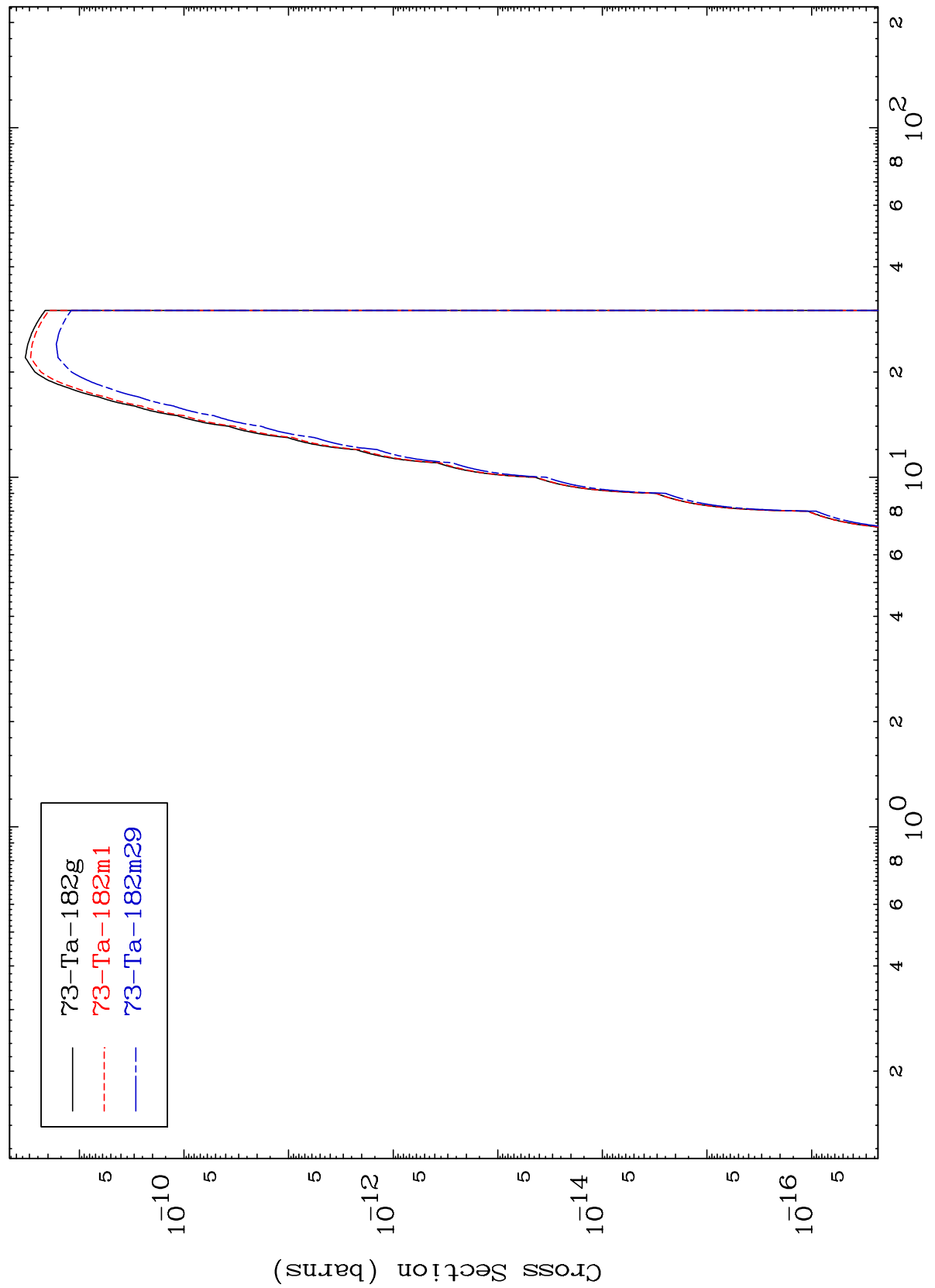
Radionuclide Production Cross Section



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71-Lu-179

(n, γ)
Radionuclide Production Cross Section



73-Ta-182g
73-Ta-182m1
73-Ta-182m29

23

71-Lu-179

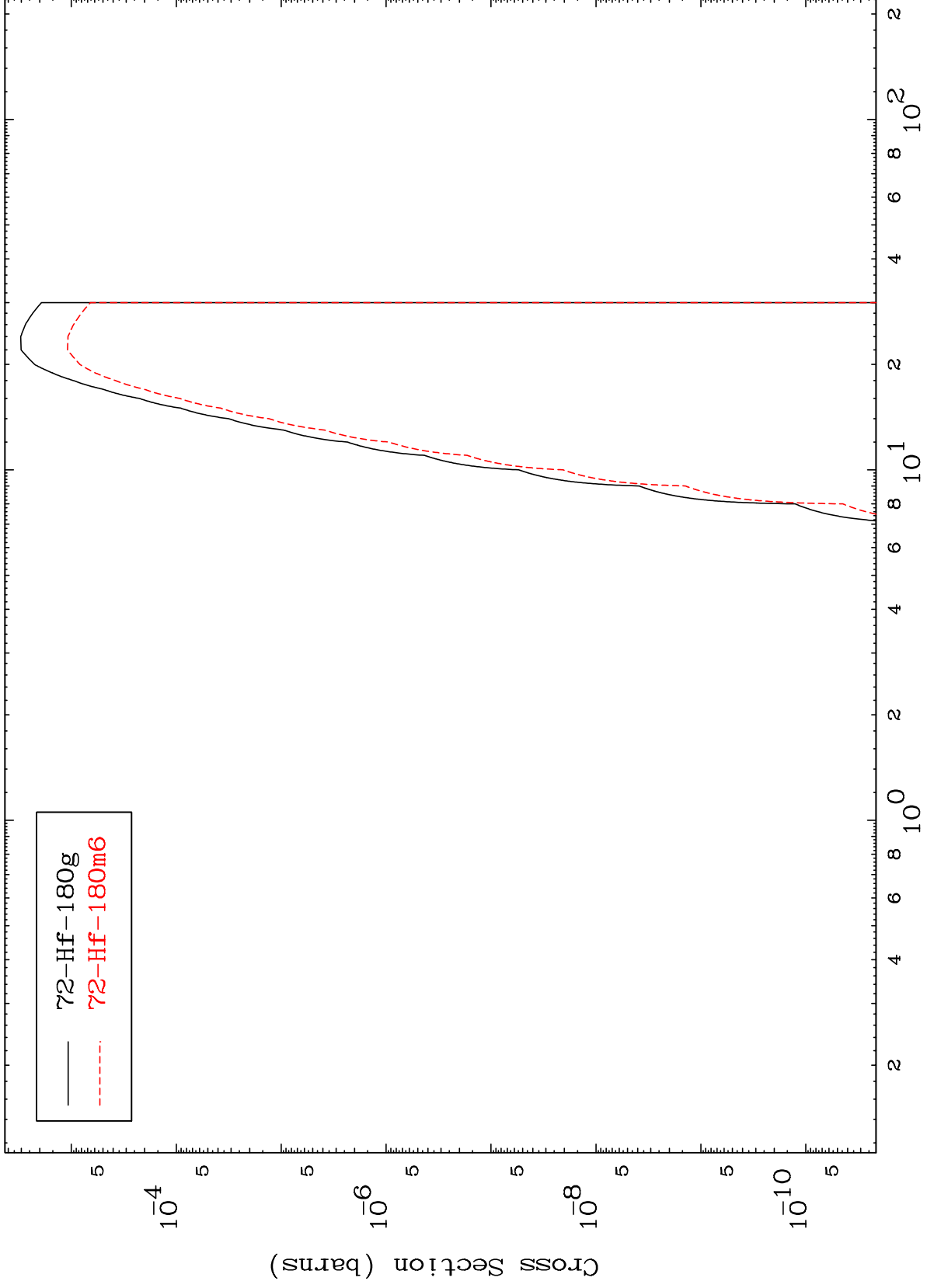
Incident Energy (MeV)

MAT 7137

(n,d)

71-Lu-179

Radionuclide Production Cross Section



72-Hf-180g
72-Hf-180m6

24

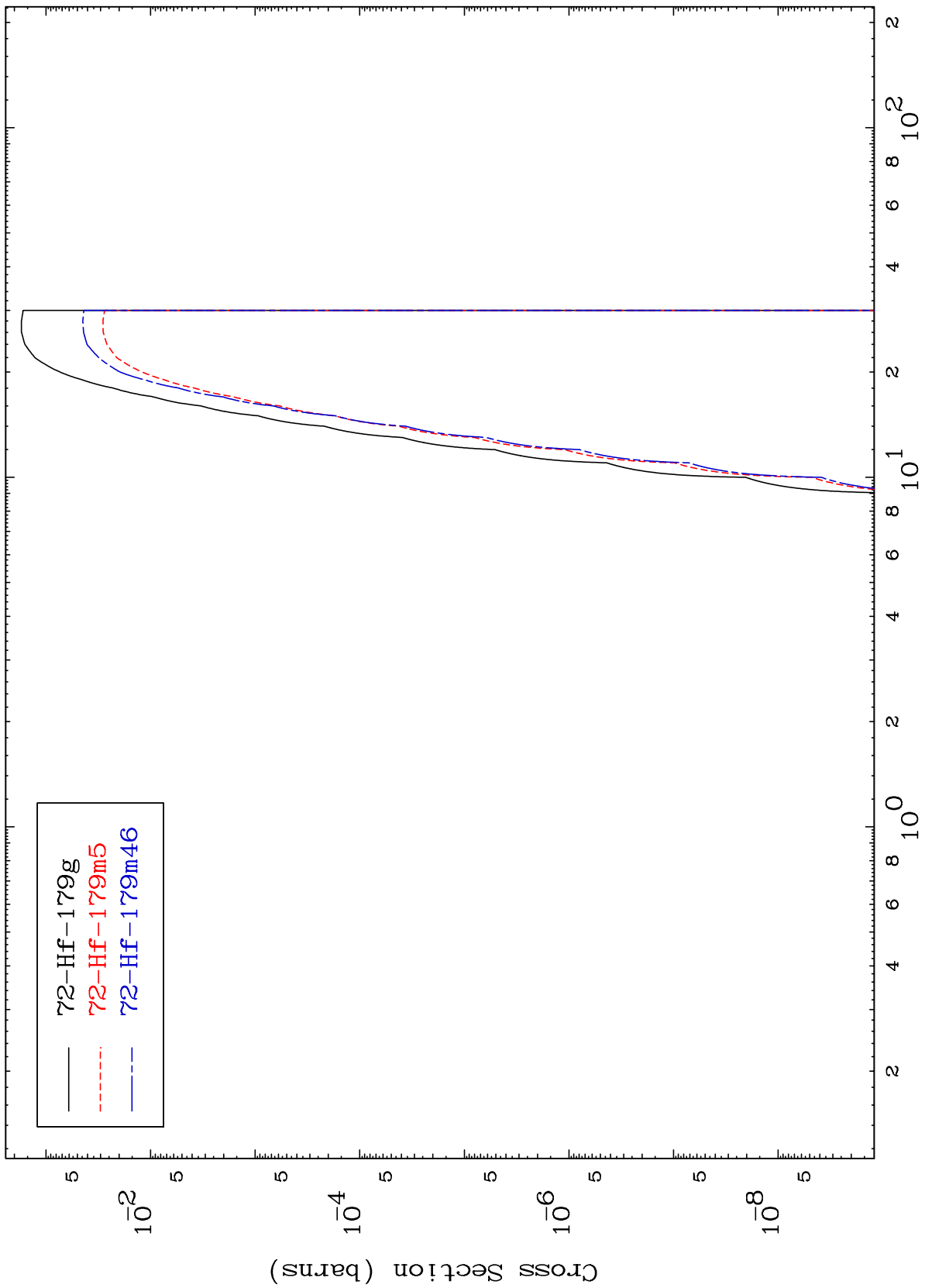
Incident Energy (MeV)

71-Lu-179

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71-Lu-179

Radionuclide Production Cross Section



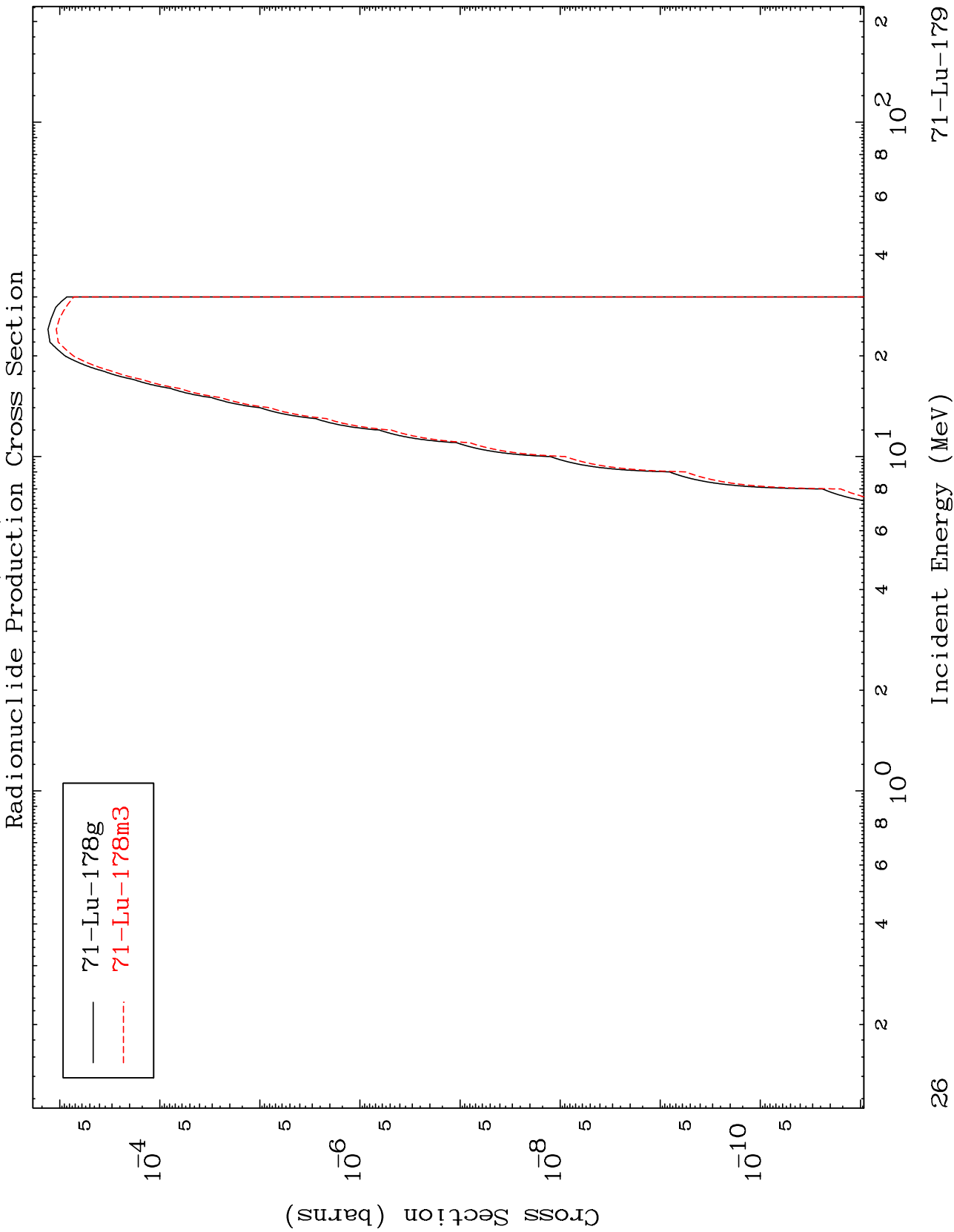
25

71-Lu-179

Incident Energy (MeV)

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⁷¹Lu-179



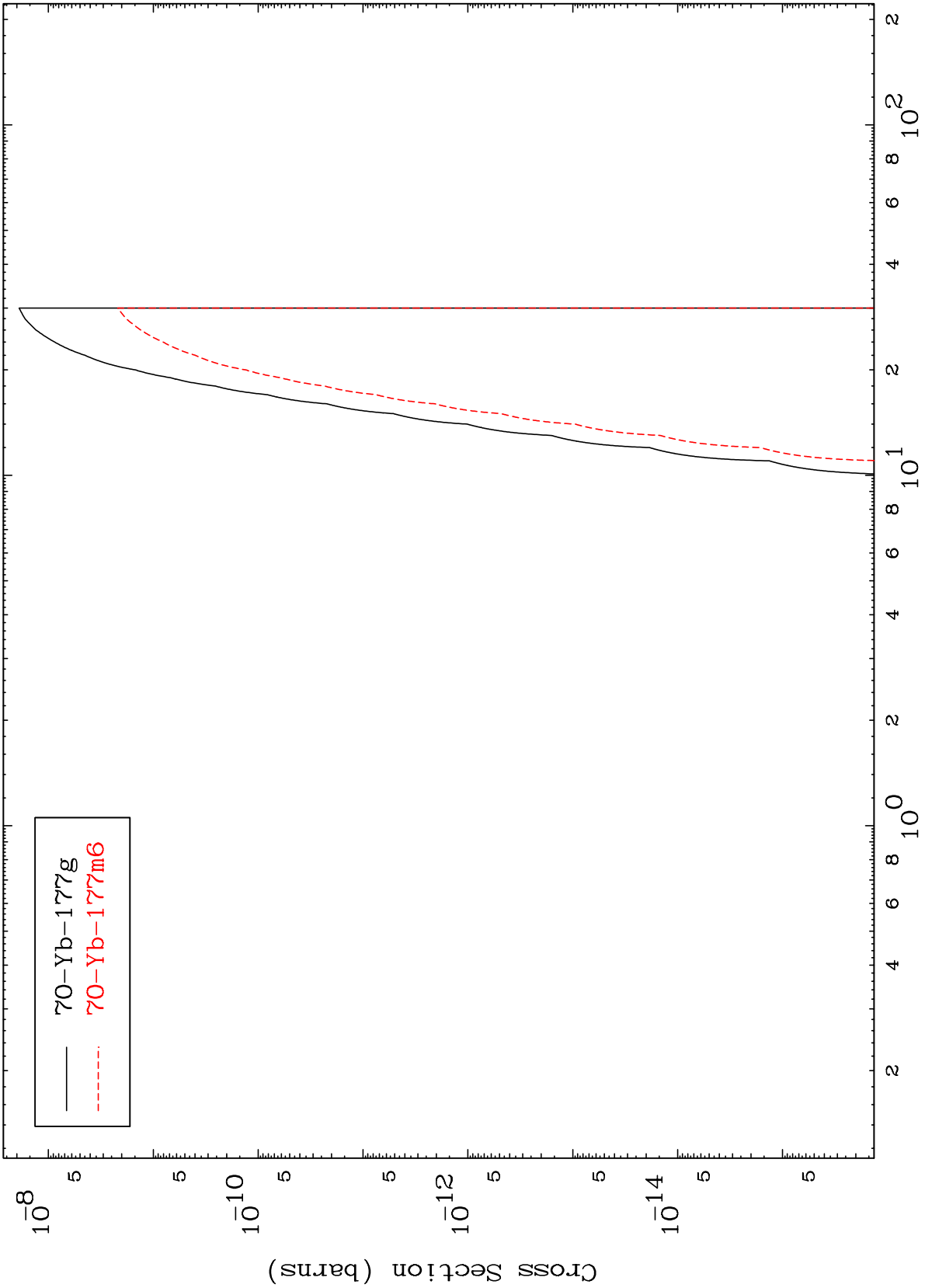
— ⁷¹Lu-178g
- - - ⁷¹Lu-178m3

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(n,p) α

⁷¹Lu-179

Radionuclide Production Cross Section

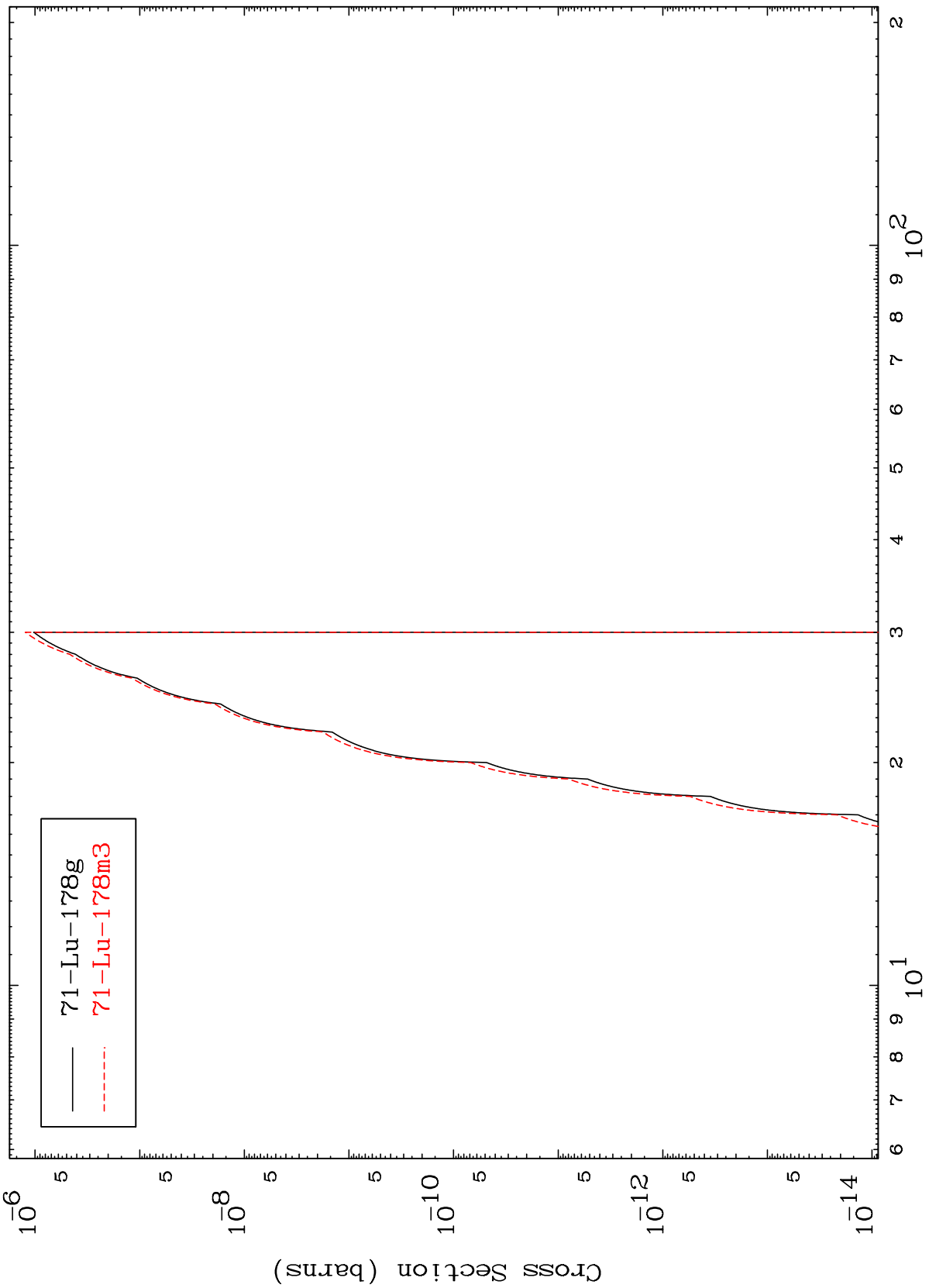


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(n,p) t

⁷¹Lu-179

Radionuclide Production Cross Section



— ⁷¹Lu-178g
- - - ⁷¹Lu-178m3

MAT 7137

(n,d) α

$^{71}\text{Lu-179}$

