

Program EVALPLOT
(Version 2018-1)

by

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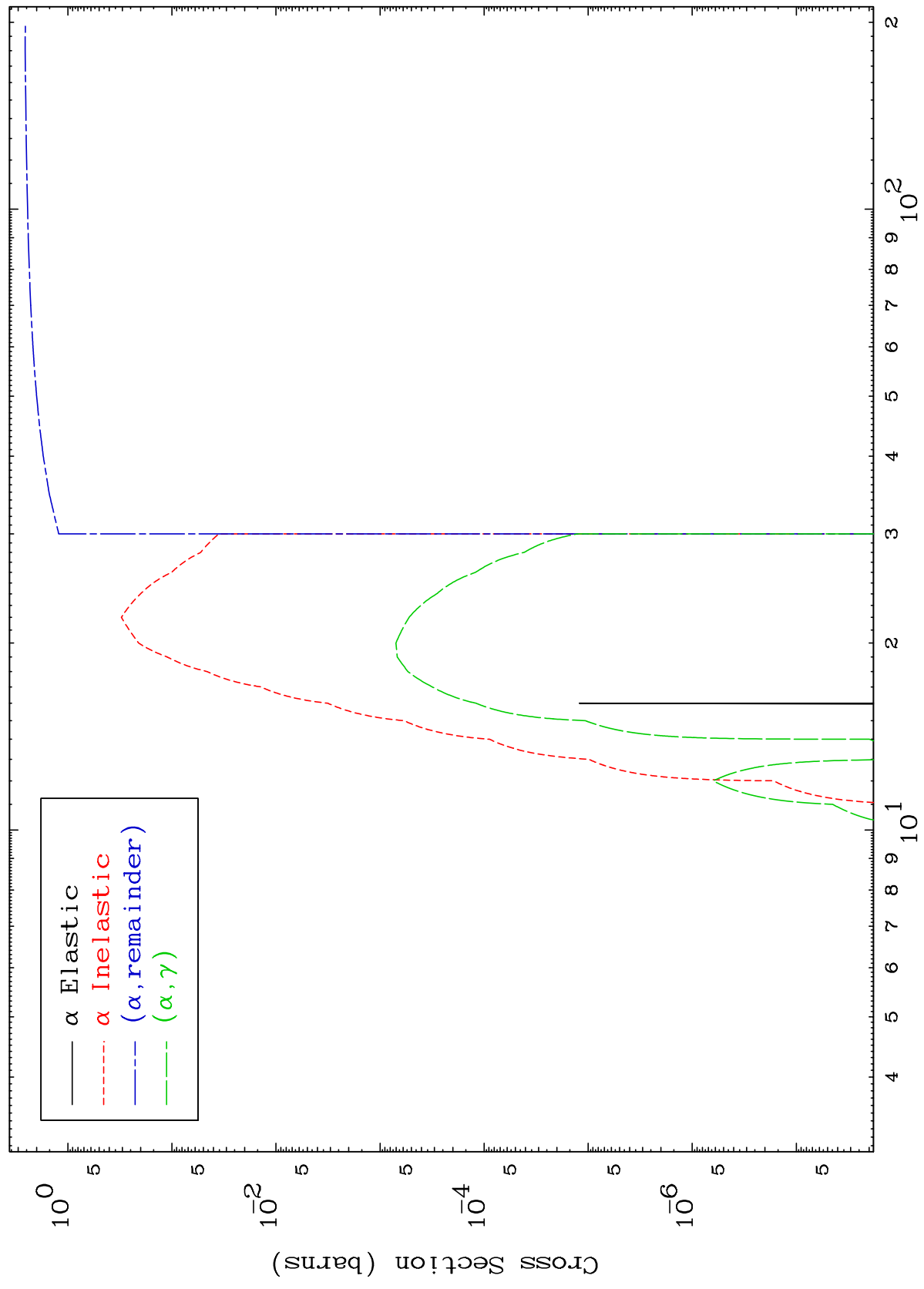
Press Mouse Button to Start

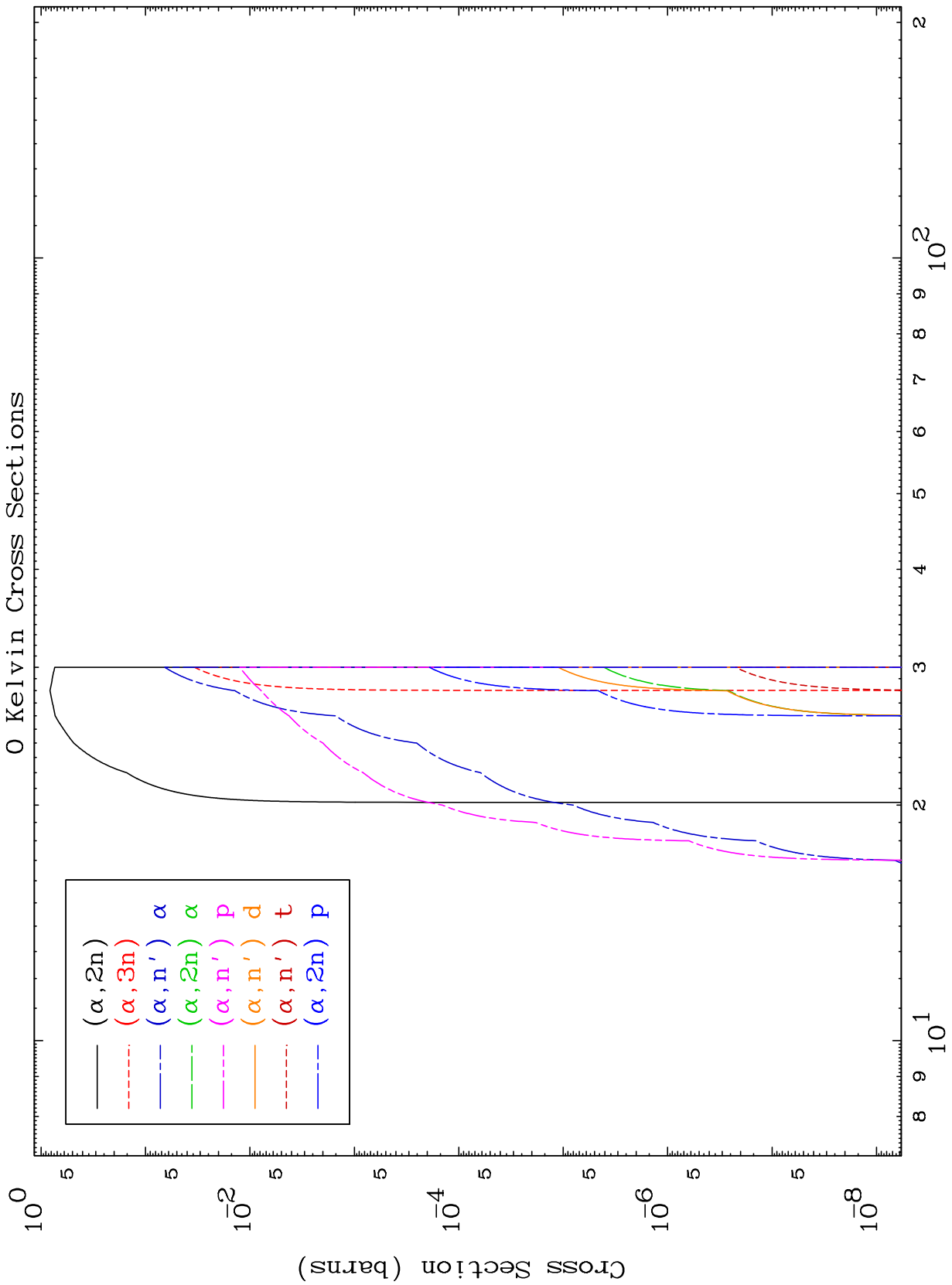
MAT 7110

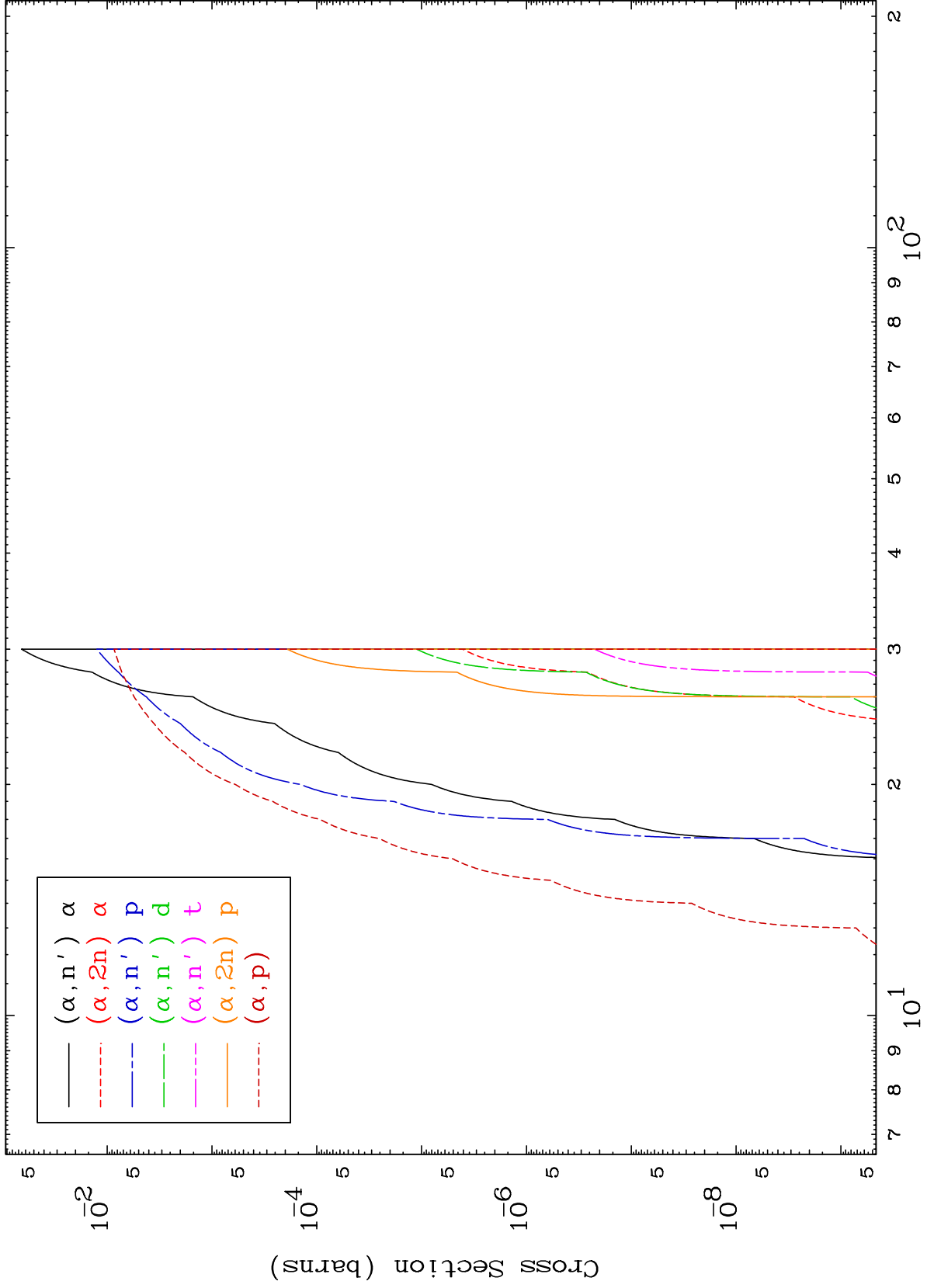
0 Kelvin

α Major Cross Sections

71-Lu-170



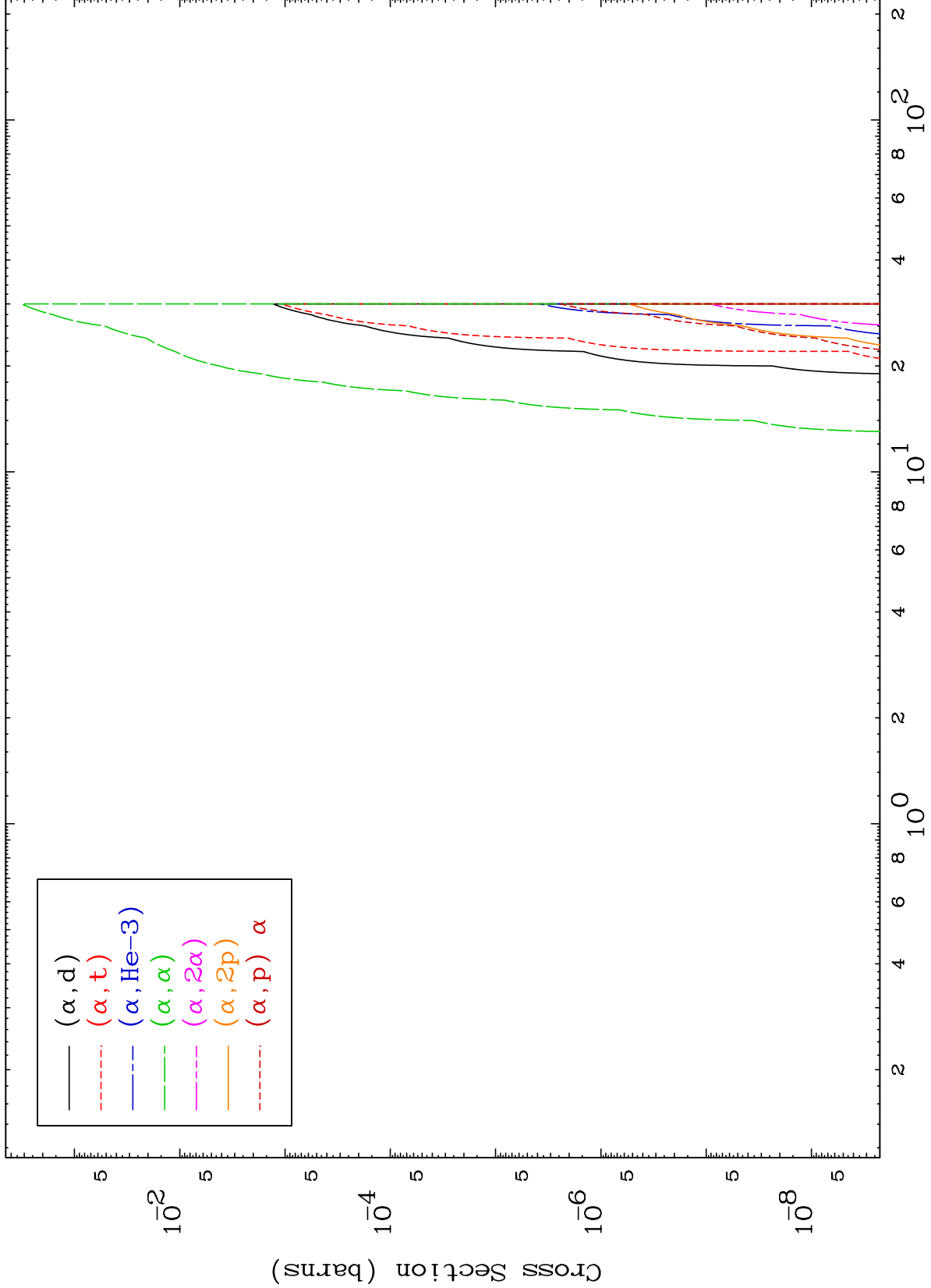


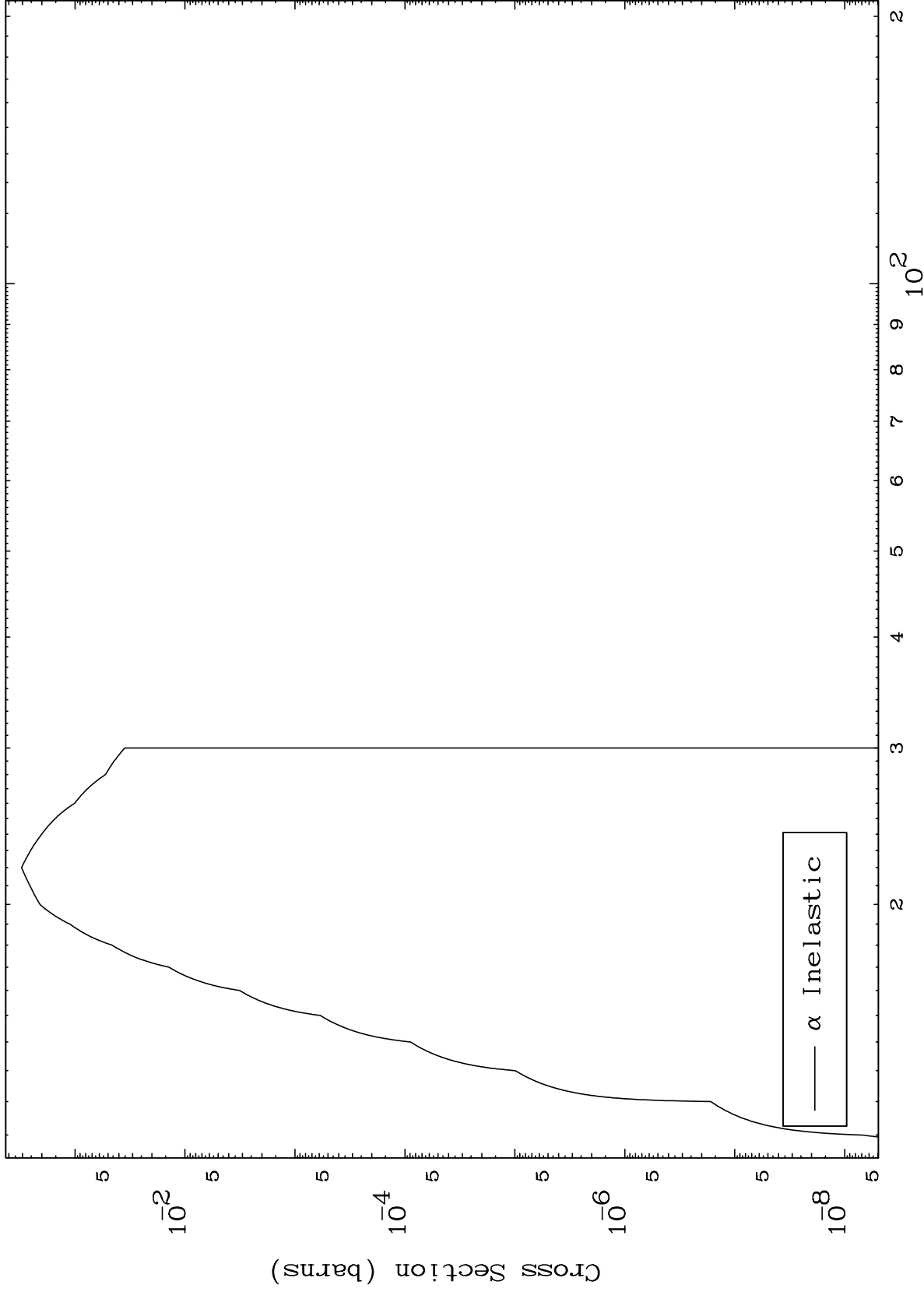


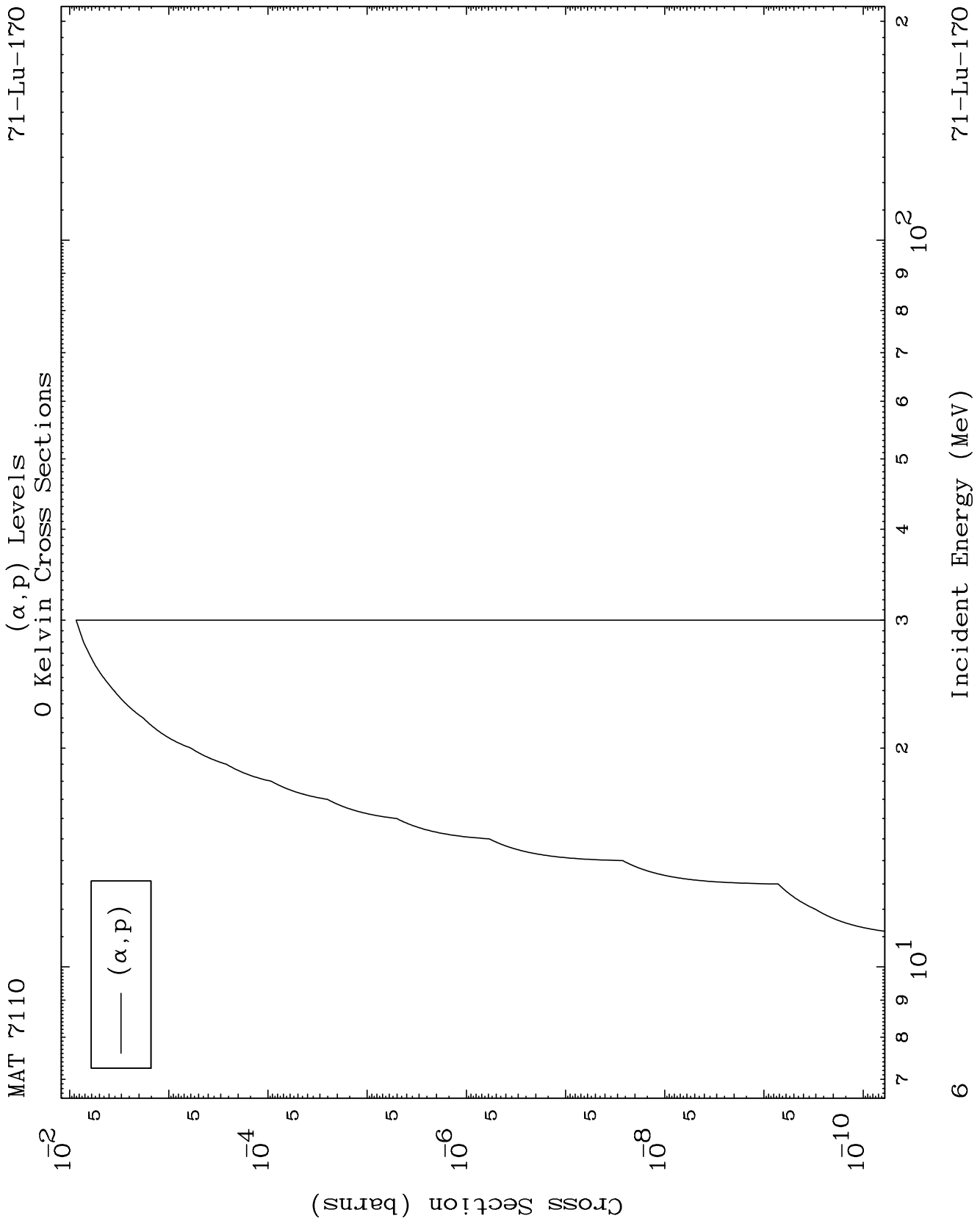
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α Charged Particle
0 Kelvin Cross Sections

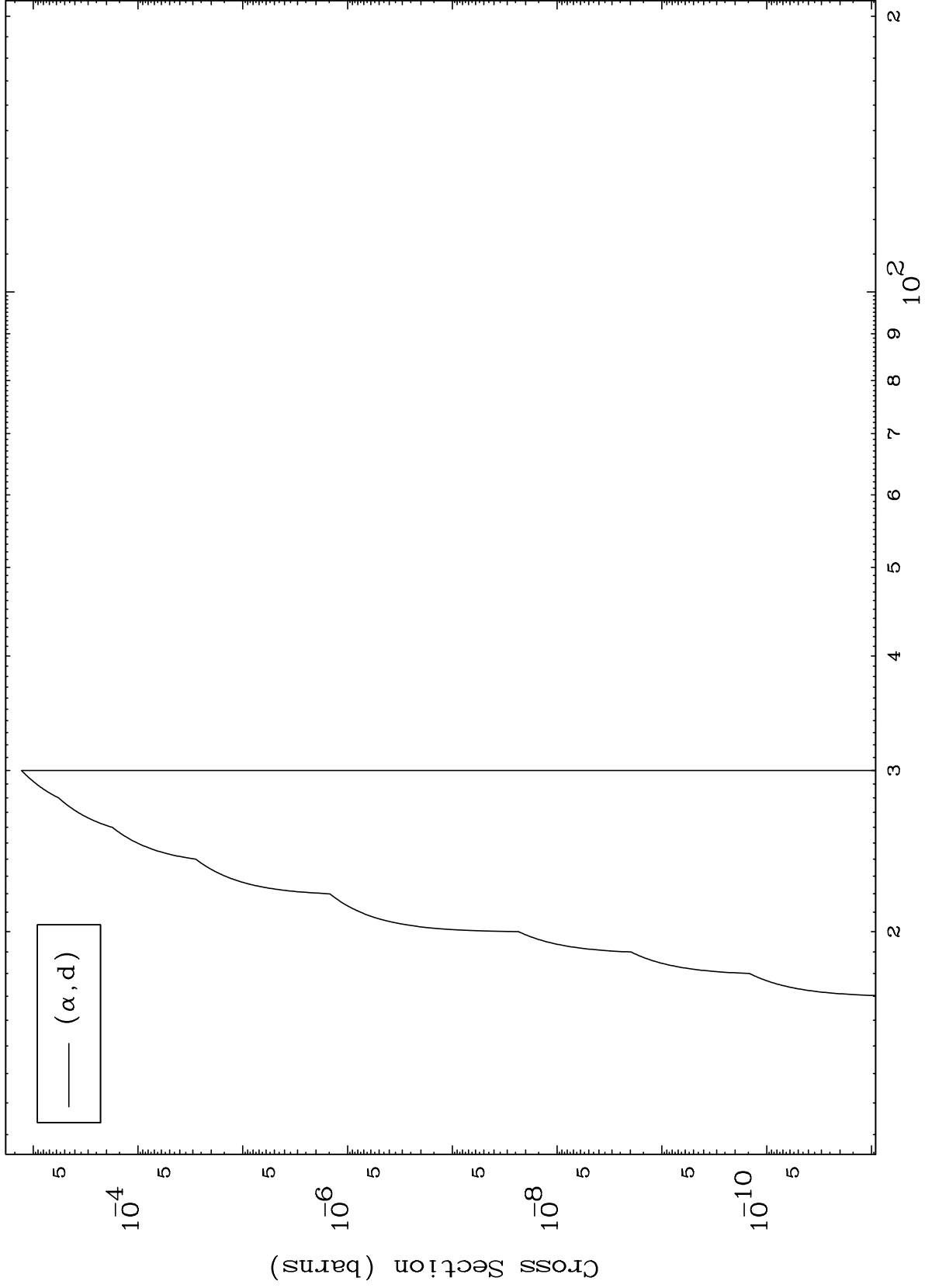
⁷¹Lu-170

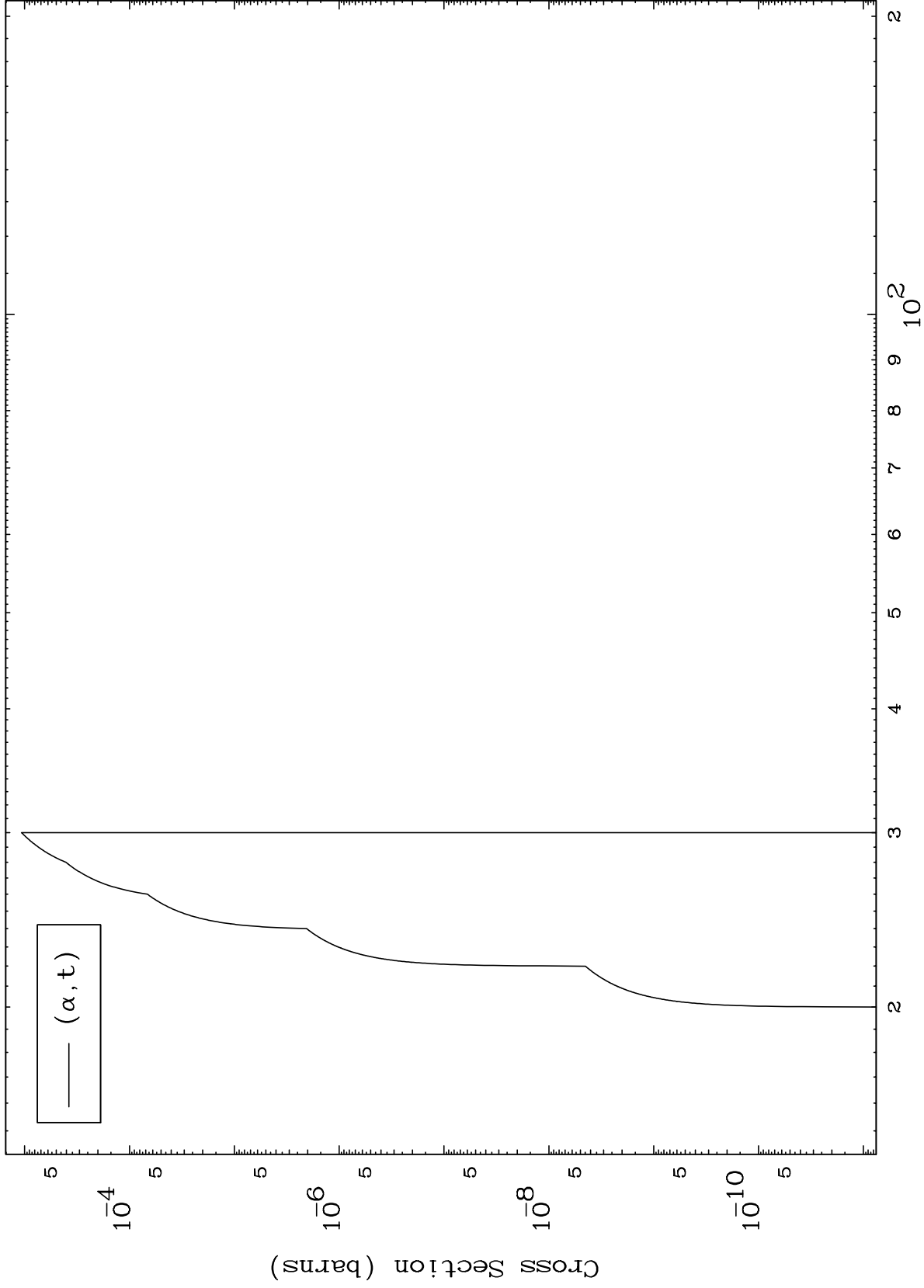






— (α, p)

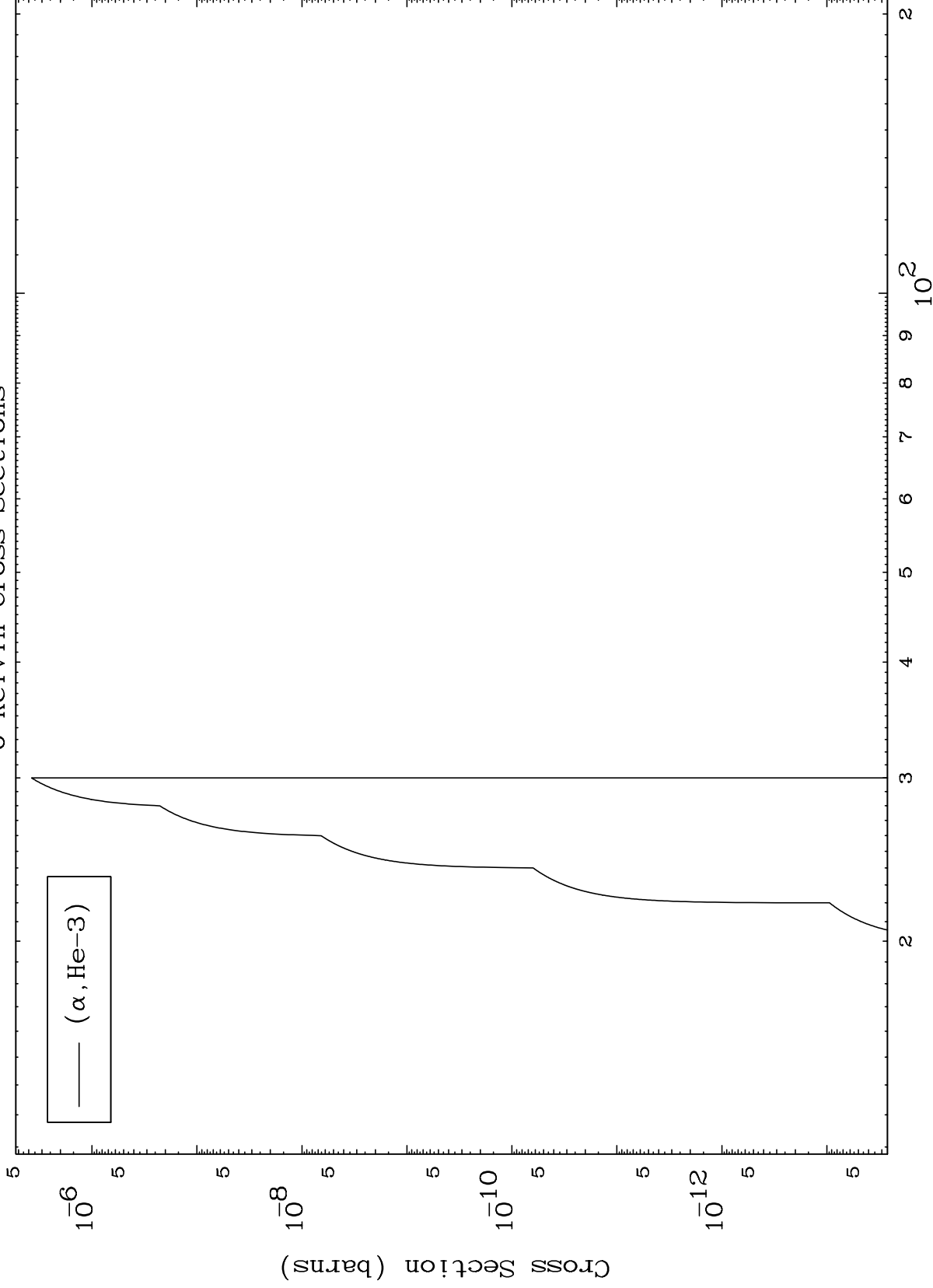




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(α , He3) Levels
0 Kelvin Cross Sections

71-Lu-170

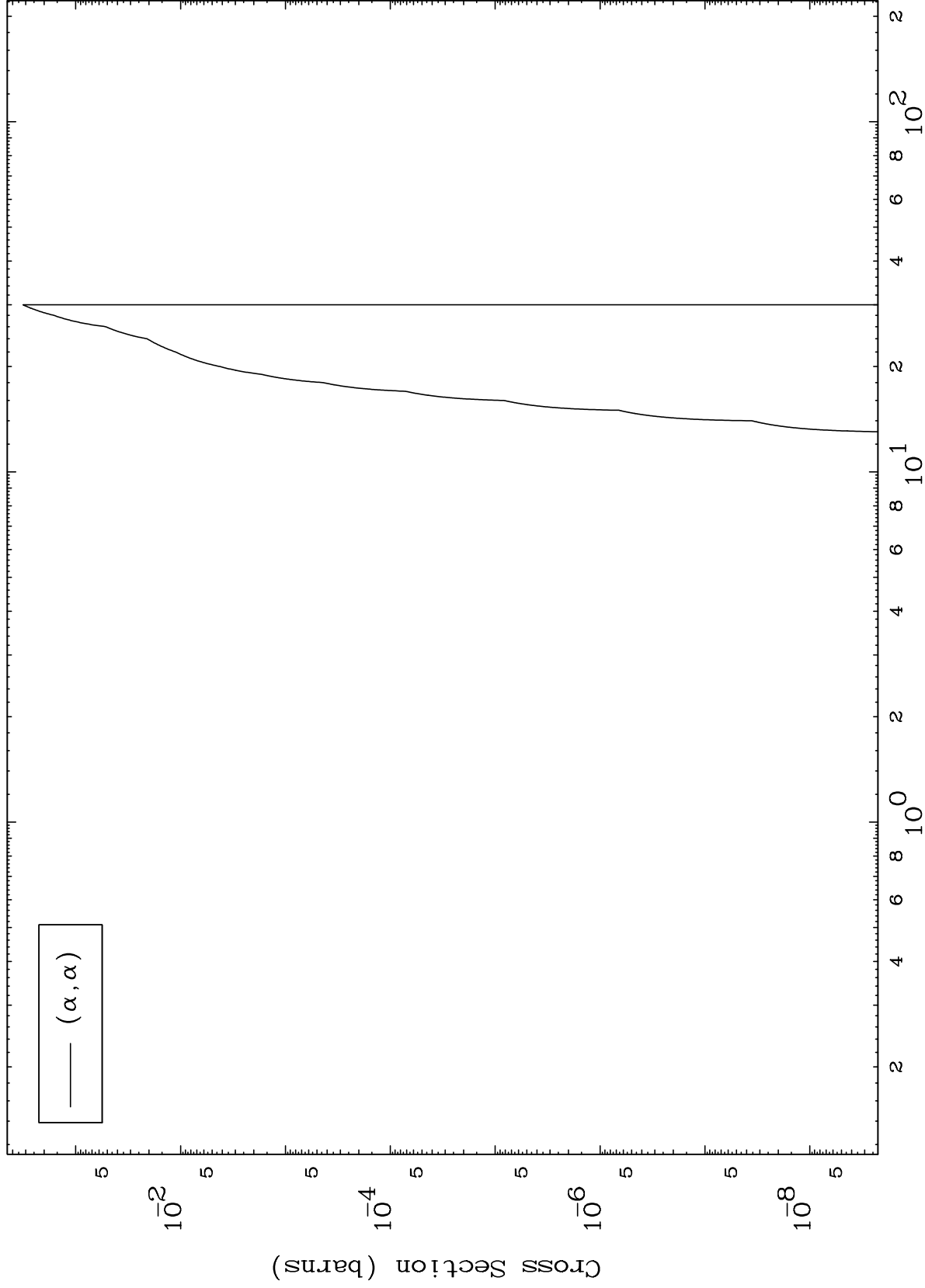


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(α, α) Levels

71-Lu-170

0 Kelvin Cross Sections



10

Incident Energy (MeV)

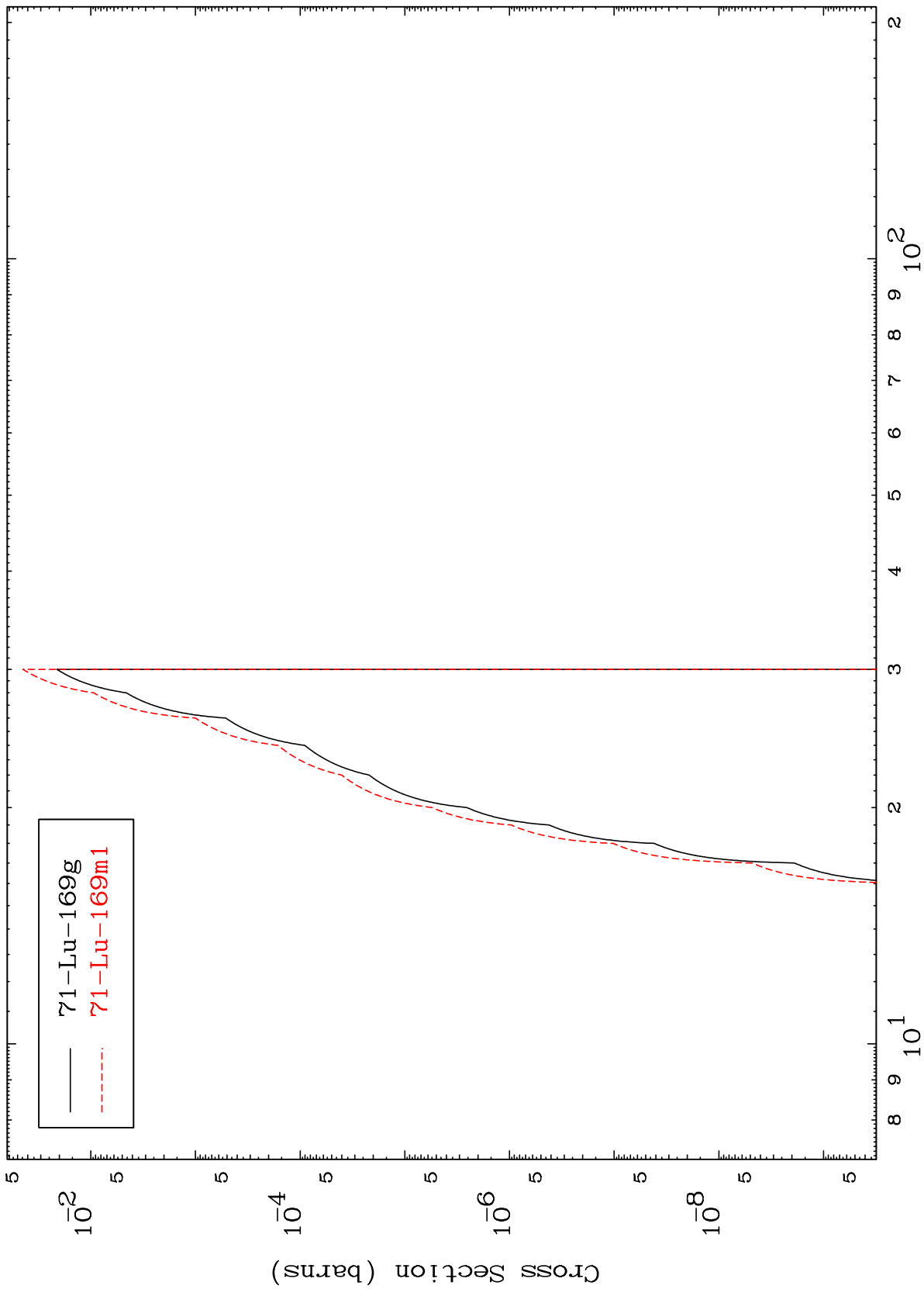
71-Lu-170

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(α, n') α

$^{71}\text{Lu-170}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

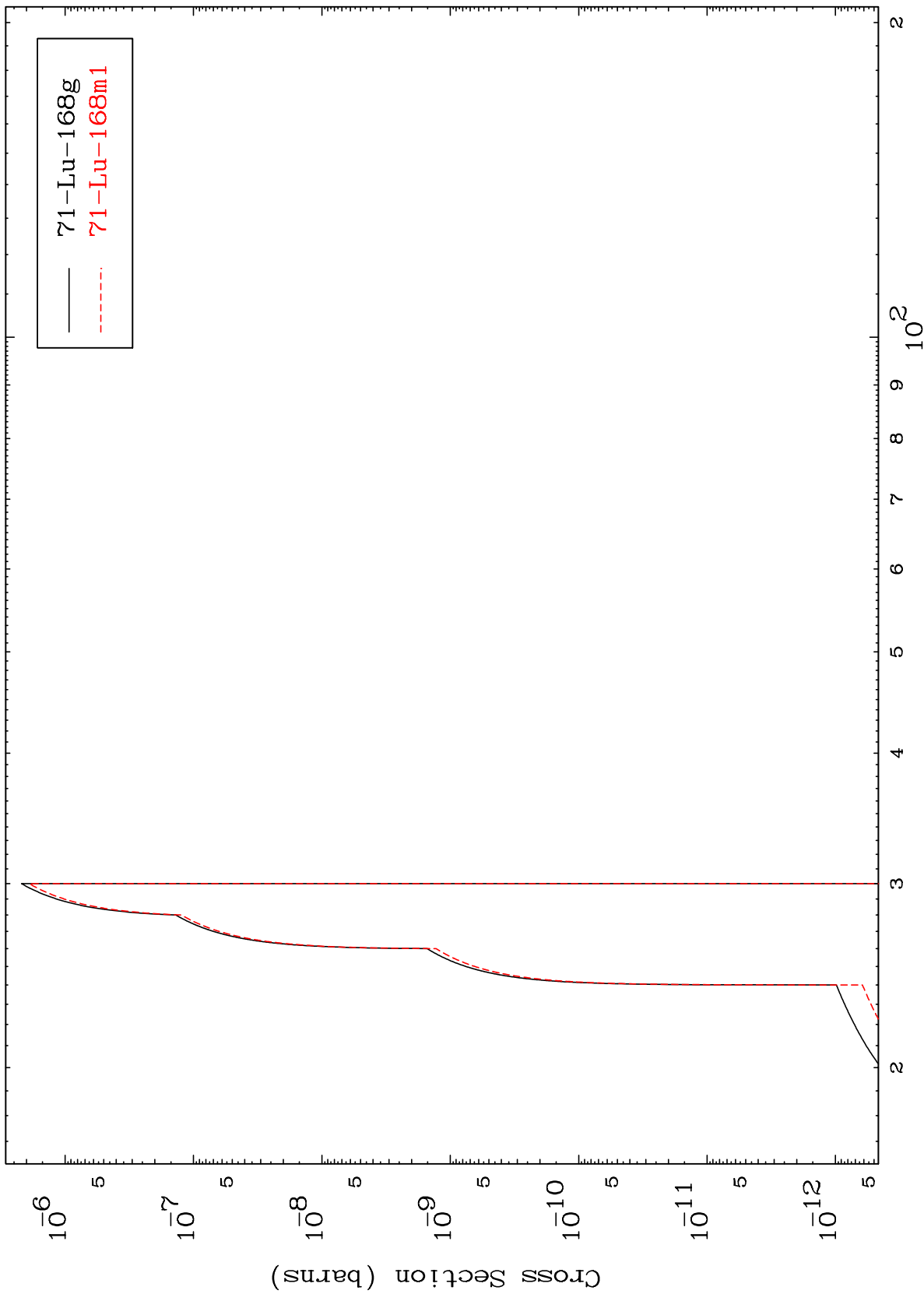
$^{71}\text{Lu-170}$

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$(\alpha, 2n) \alpha$

⁷¹Lu-170

Radionuclide Production Cross Section



12

Incident Energy (MeV)

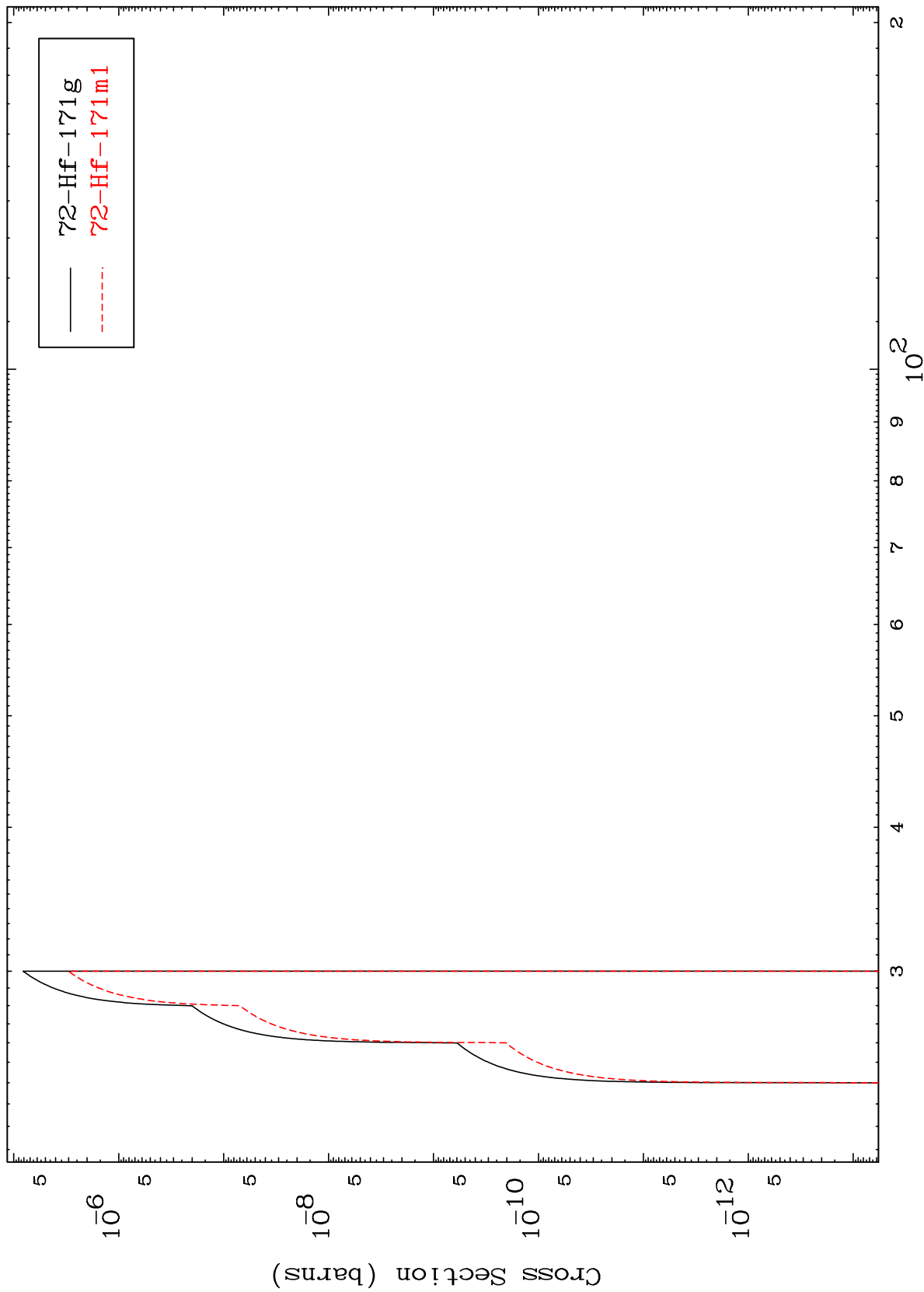
⁷¹Lu-170

MAT 7110

(α, n') d

71-Lu-170

Radionuclide Production Cross Section



13

Incident Energy (MeV)

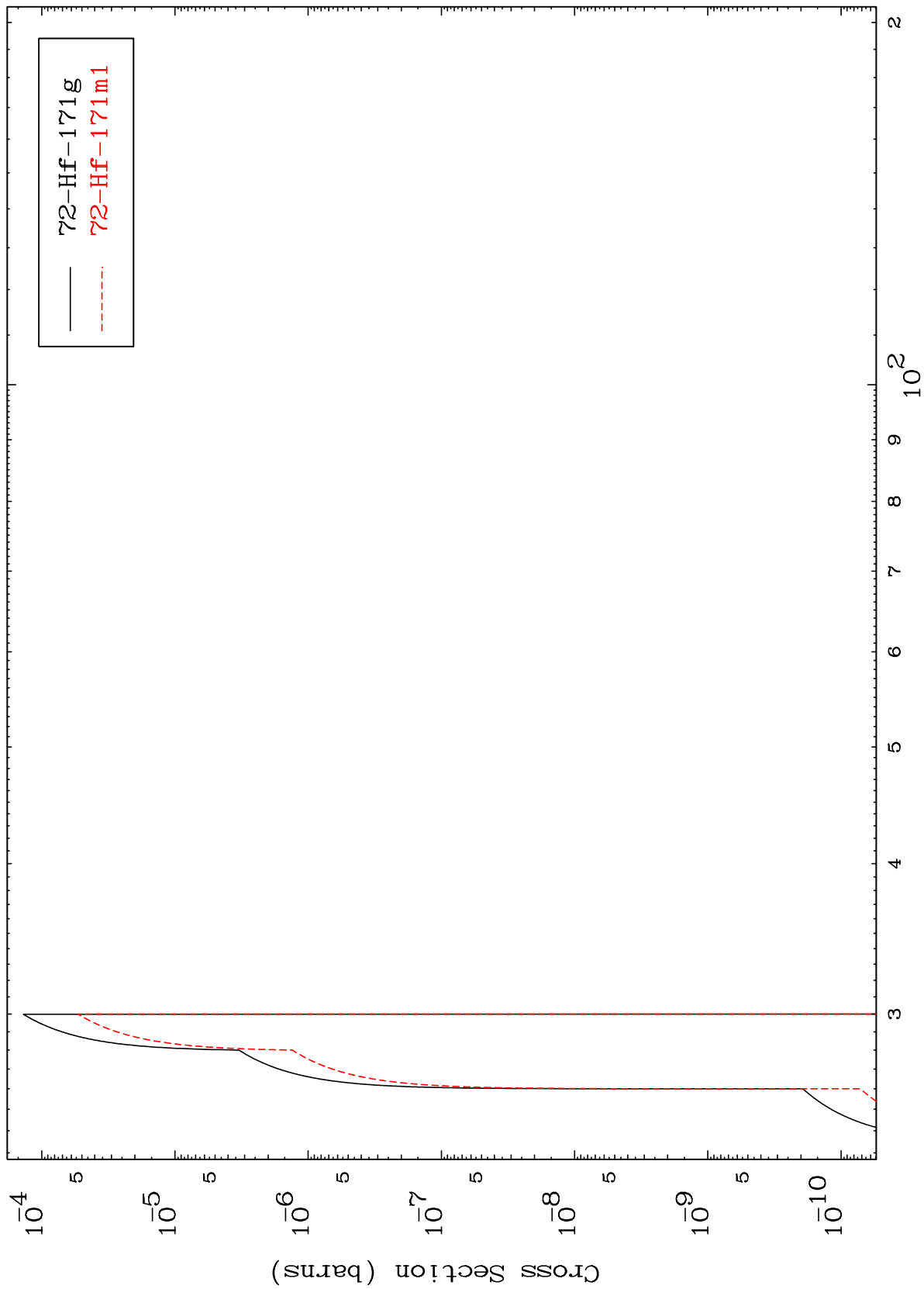
71-Lu-170

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$(\alpha, 2n)$ p

71-Lu-170

Radionuclide Production Cross Section



14

Incident Energy (MeV)

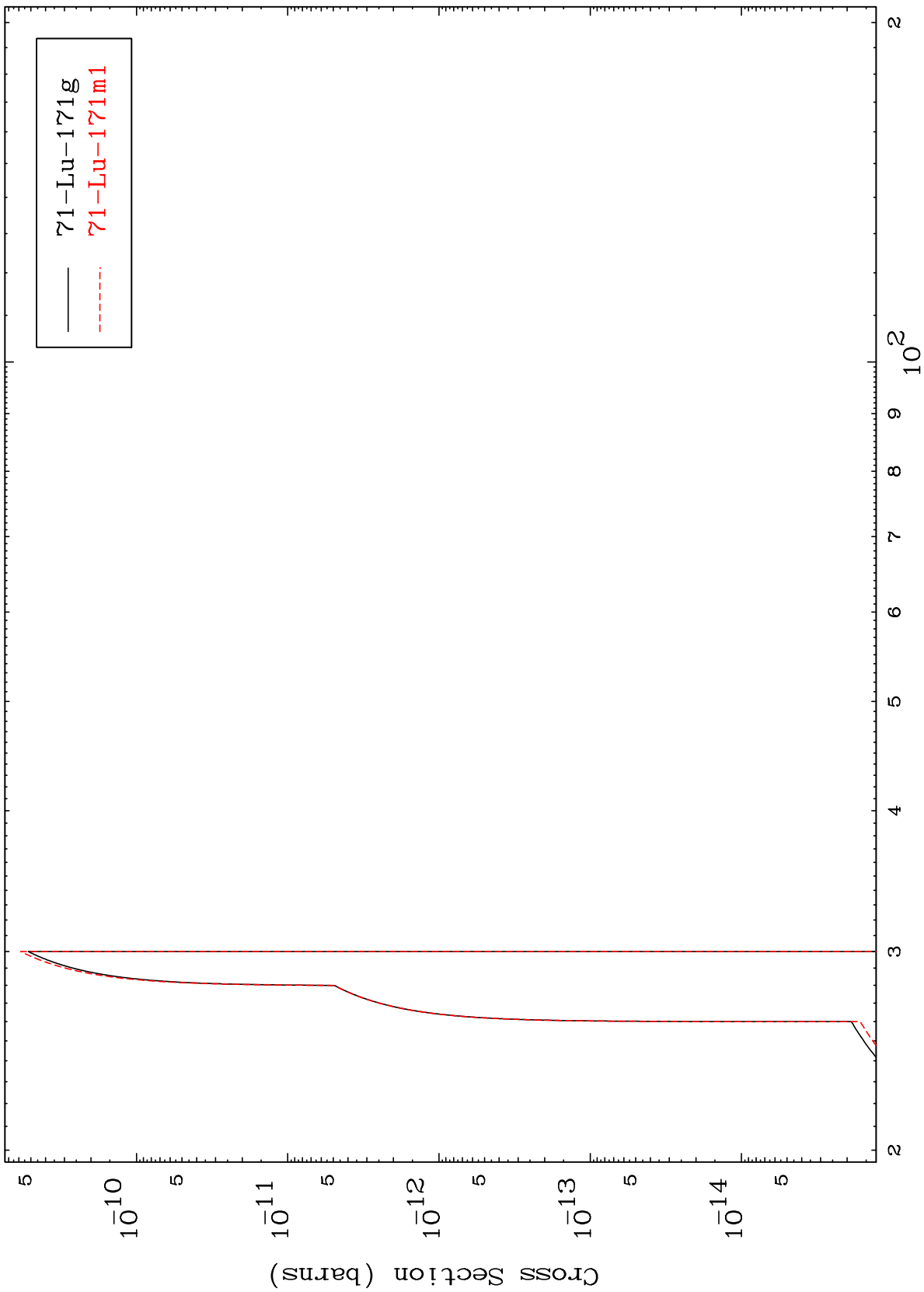
71-Lu-170

MAT 7110

$(\alpha, 2n)$ p

$^{71}\text{Lu-170}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

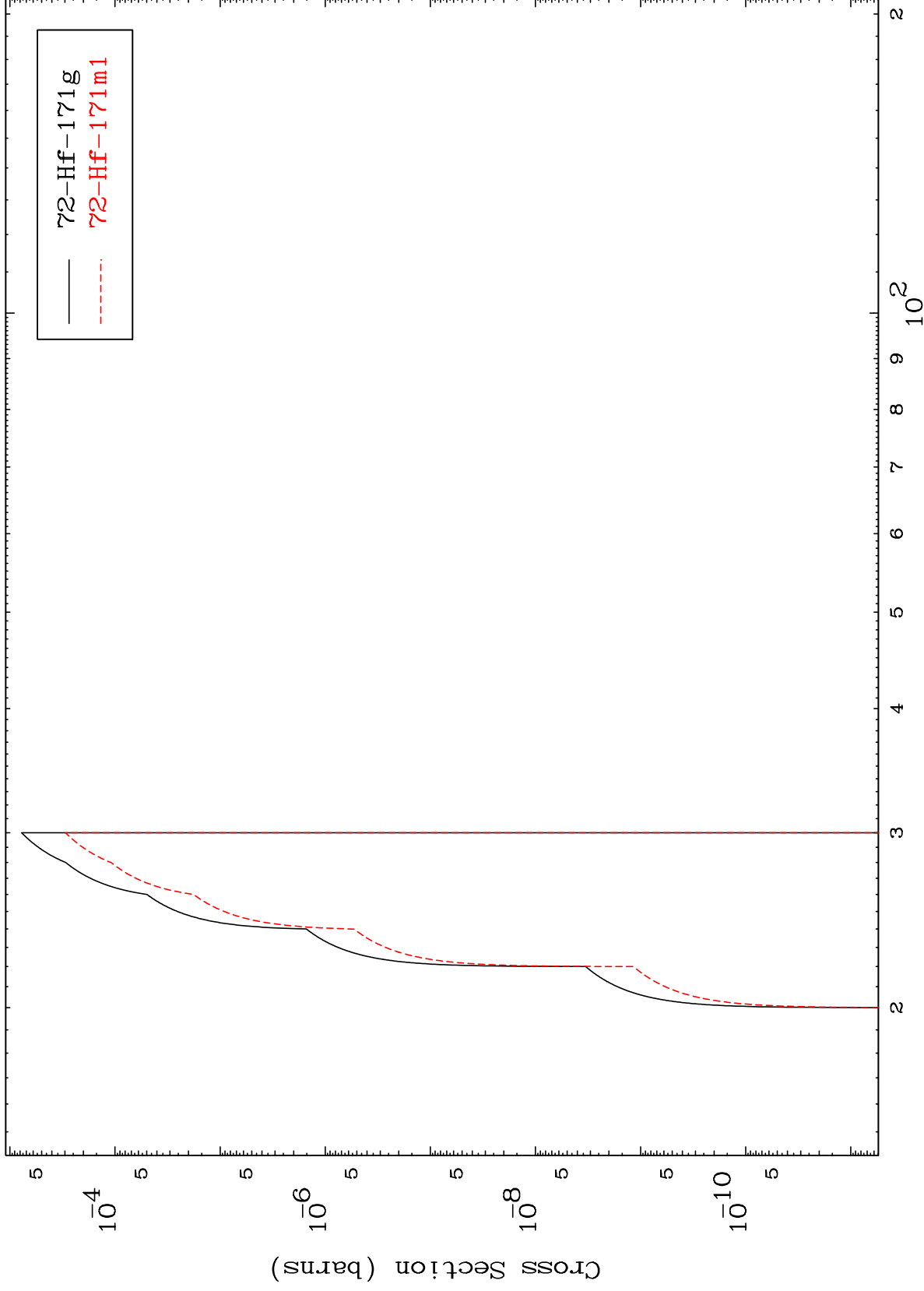
$^{71}\text{Lu-170}$

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(α, t)

71-Lu-170

Radionuclide Production Cross Section



16

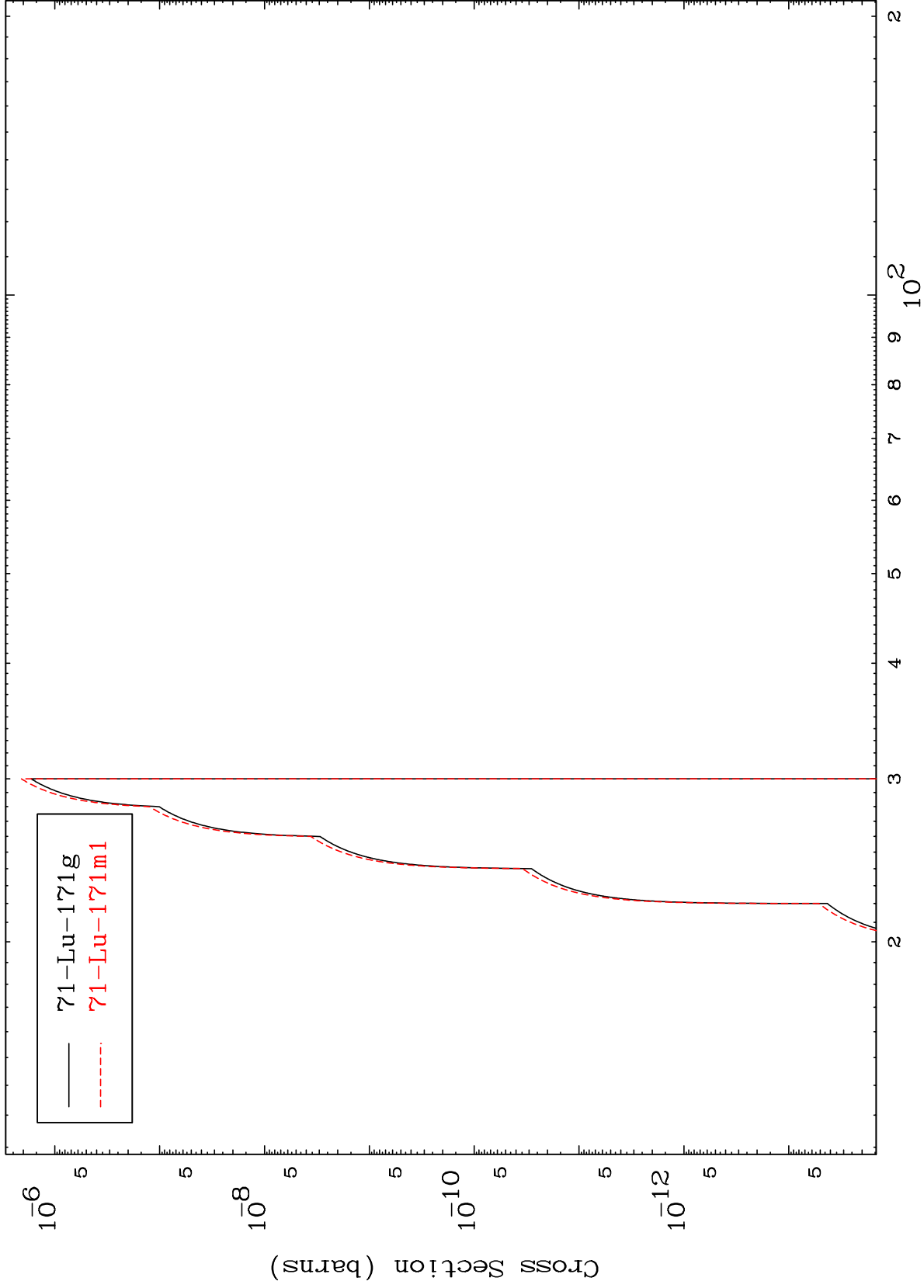
Incident Energy (MeV)

71-Lu-170

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71-Lu-170

($\alpha, \text{He-3}$)
Radionuclide Production Cross Section



17

71-Lu-170

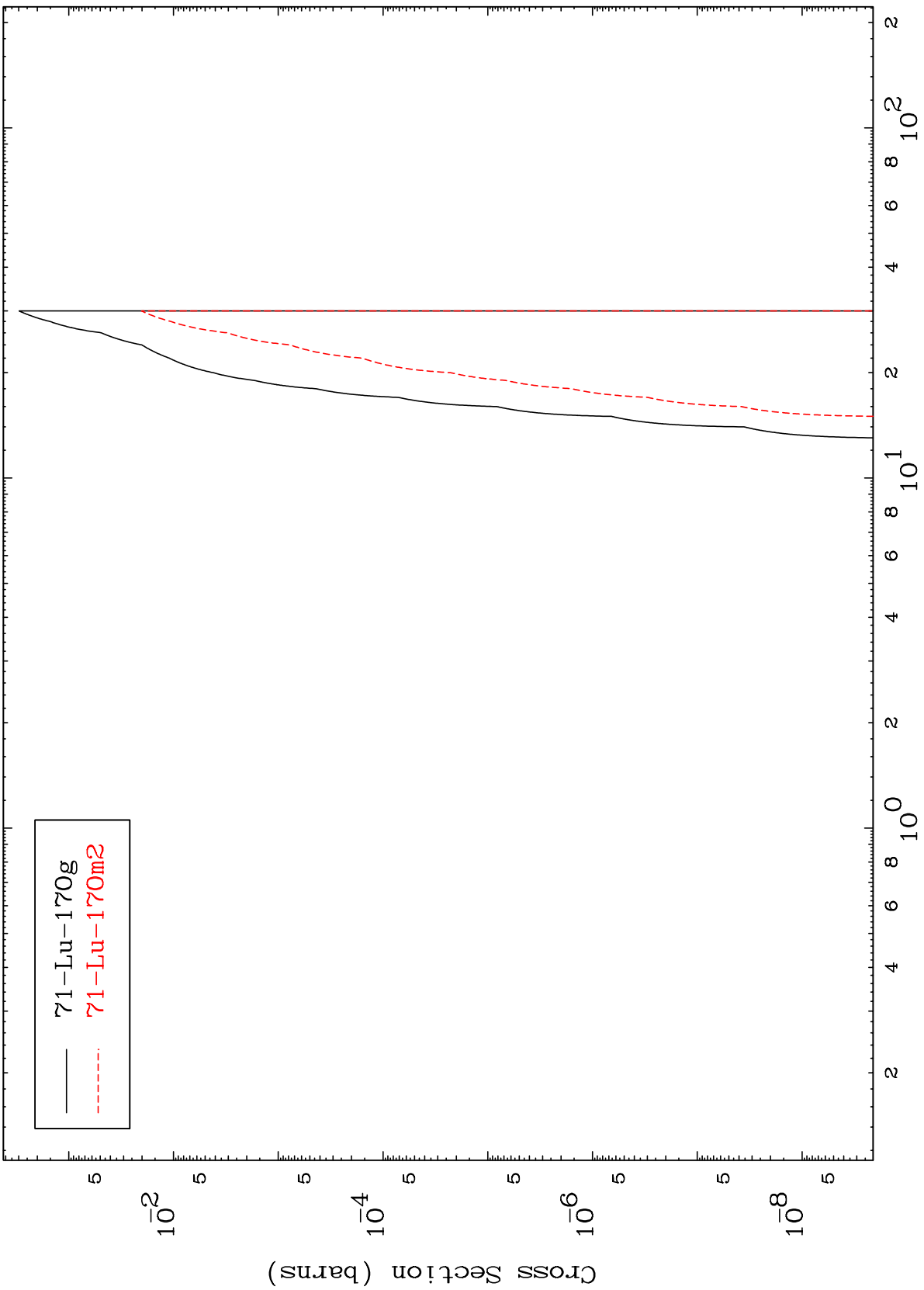
Incident Energy (MeV)

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(α, α)

⁷¹Lu-170

Radionuclide Production Cross Section

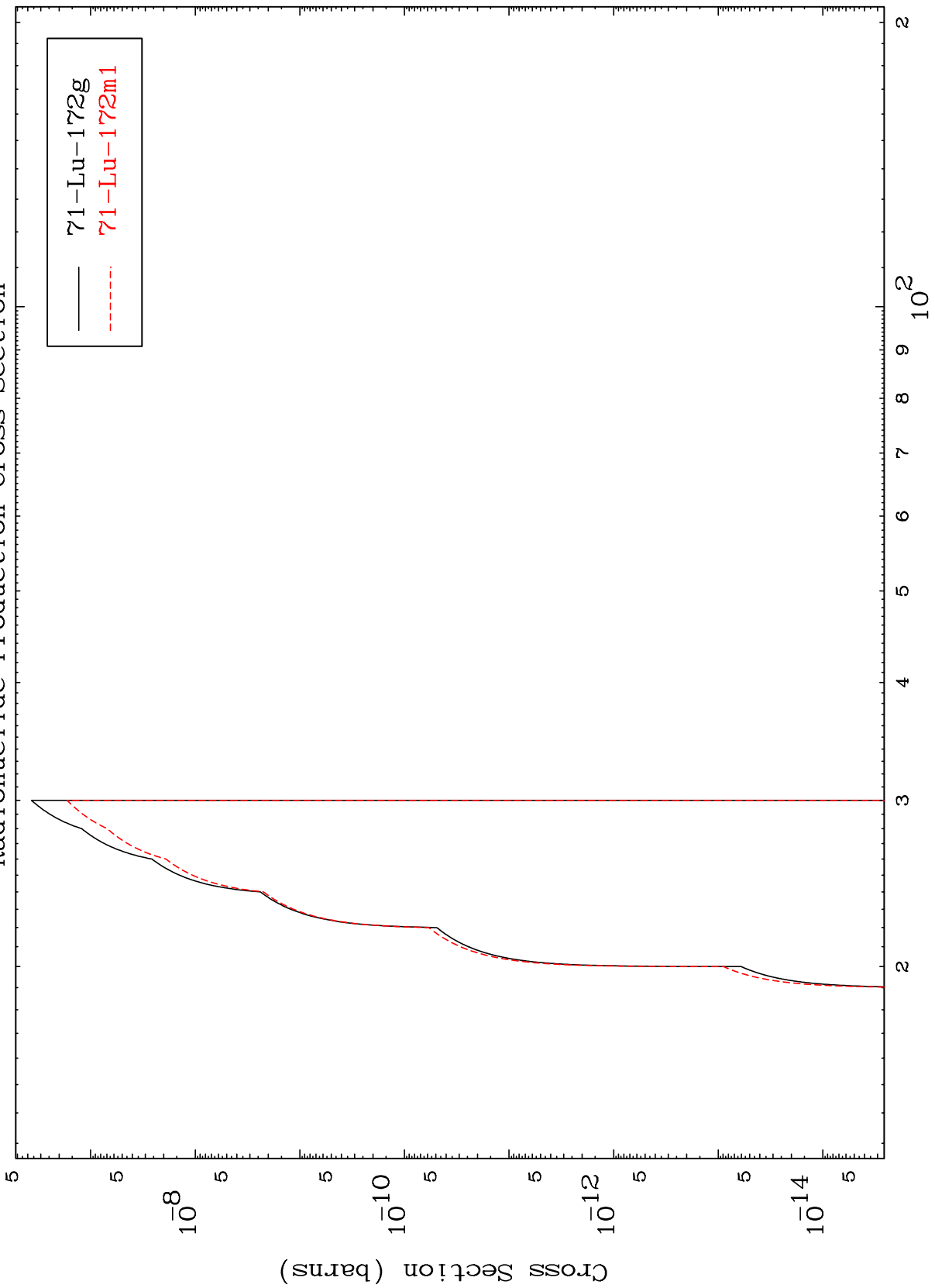


— ⁷¹Lu-170g
- - - ⁷¹Lu-170m2

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71-Lu-170

($\alpha, 2p$)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

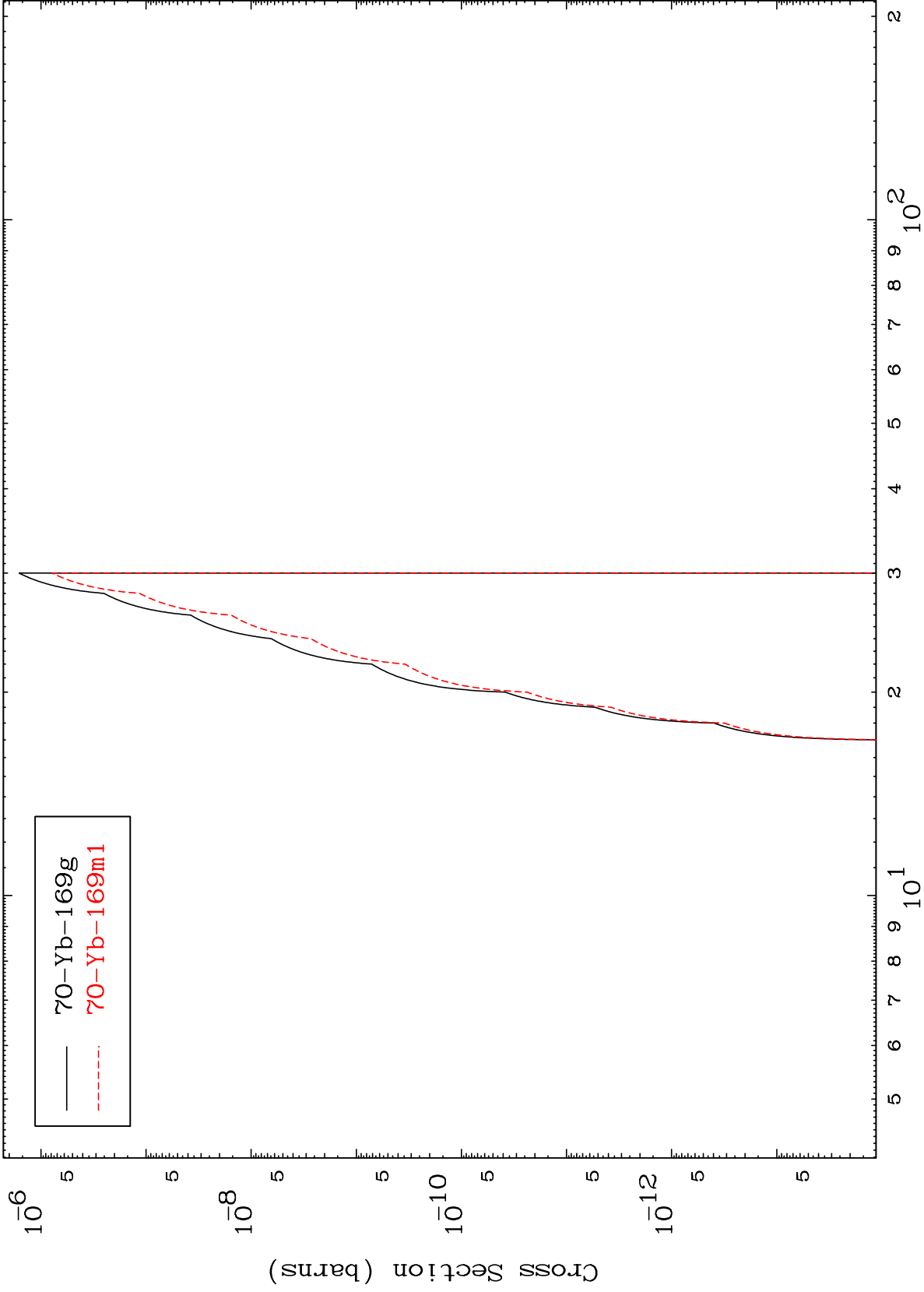
71-Lu-170

MAT 7110

(α, p) α

$^{71}\text{Lu-170}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

$^{71}\text{Lu-170}$