

Program EVALPLOT
(Version 2018-1)

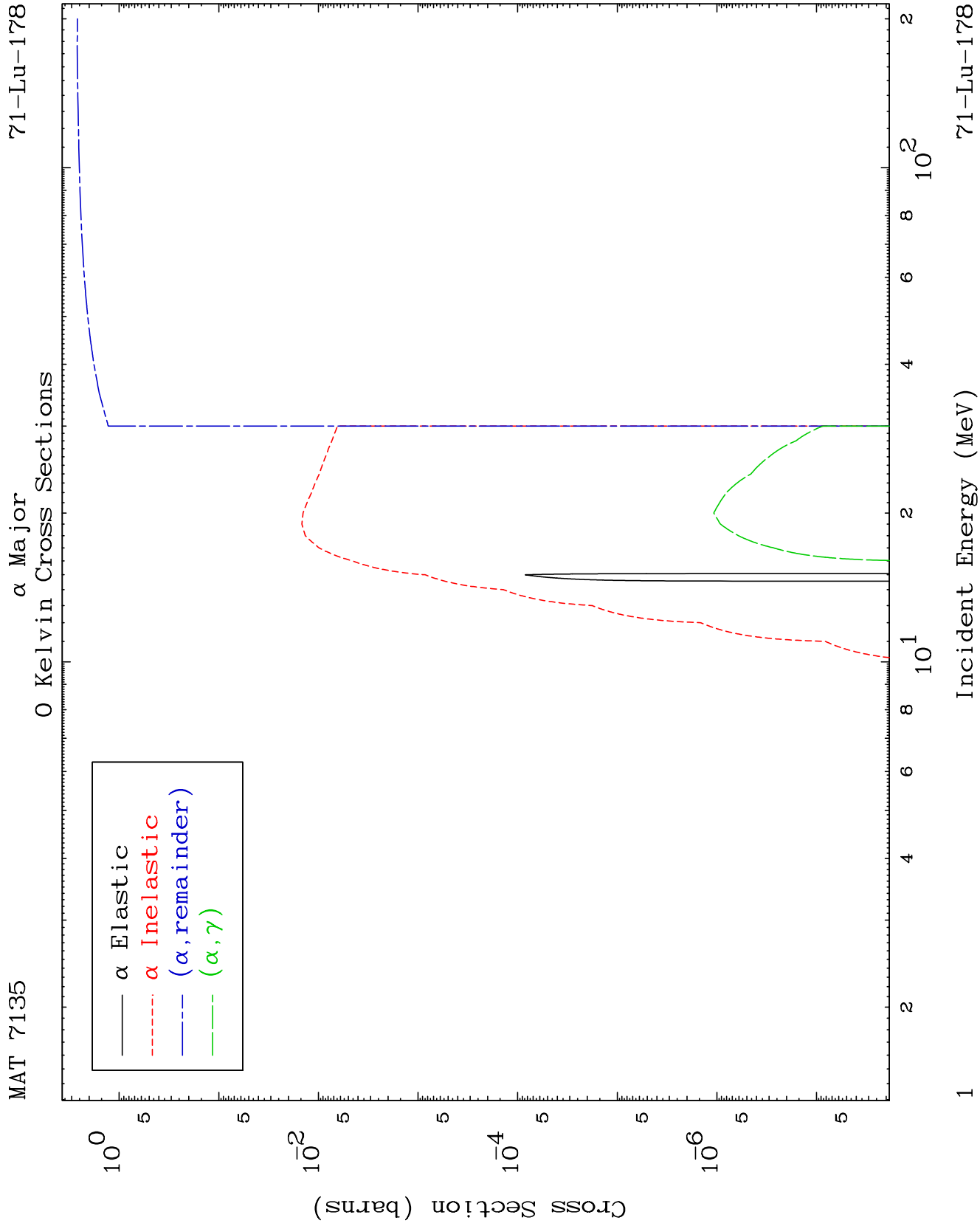
by

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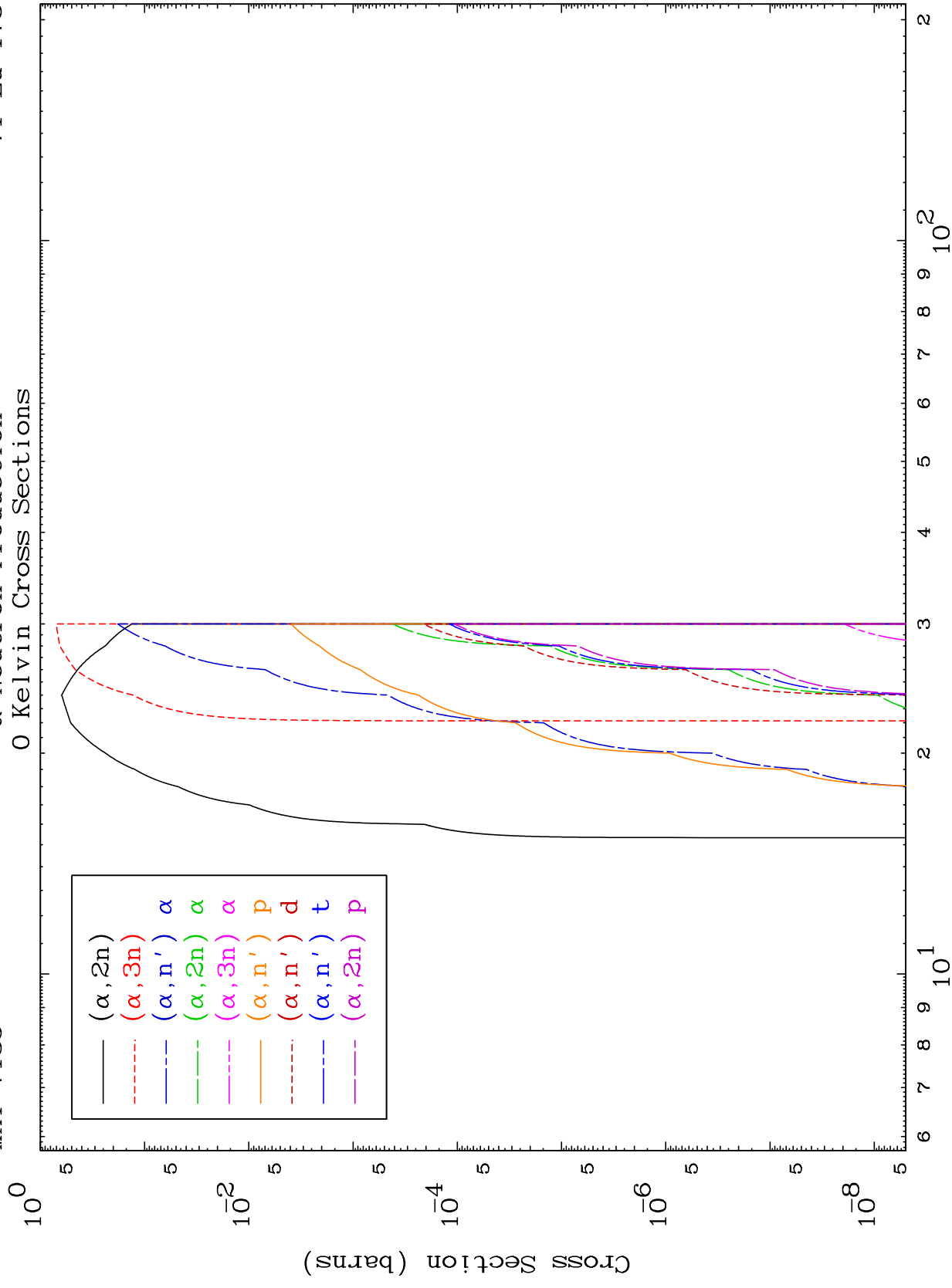
Press Mouse Button to Start



MAT 7135

α Neutron Production 0 Kelvin Cross Sections

71-Lu-178



2

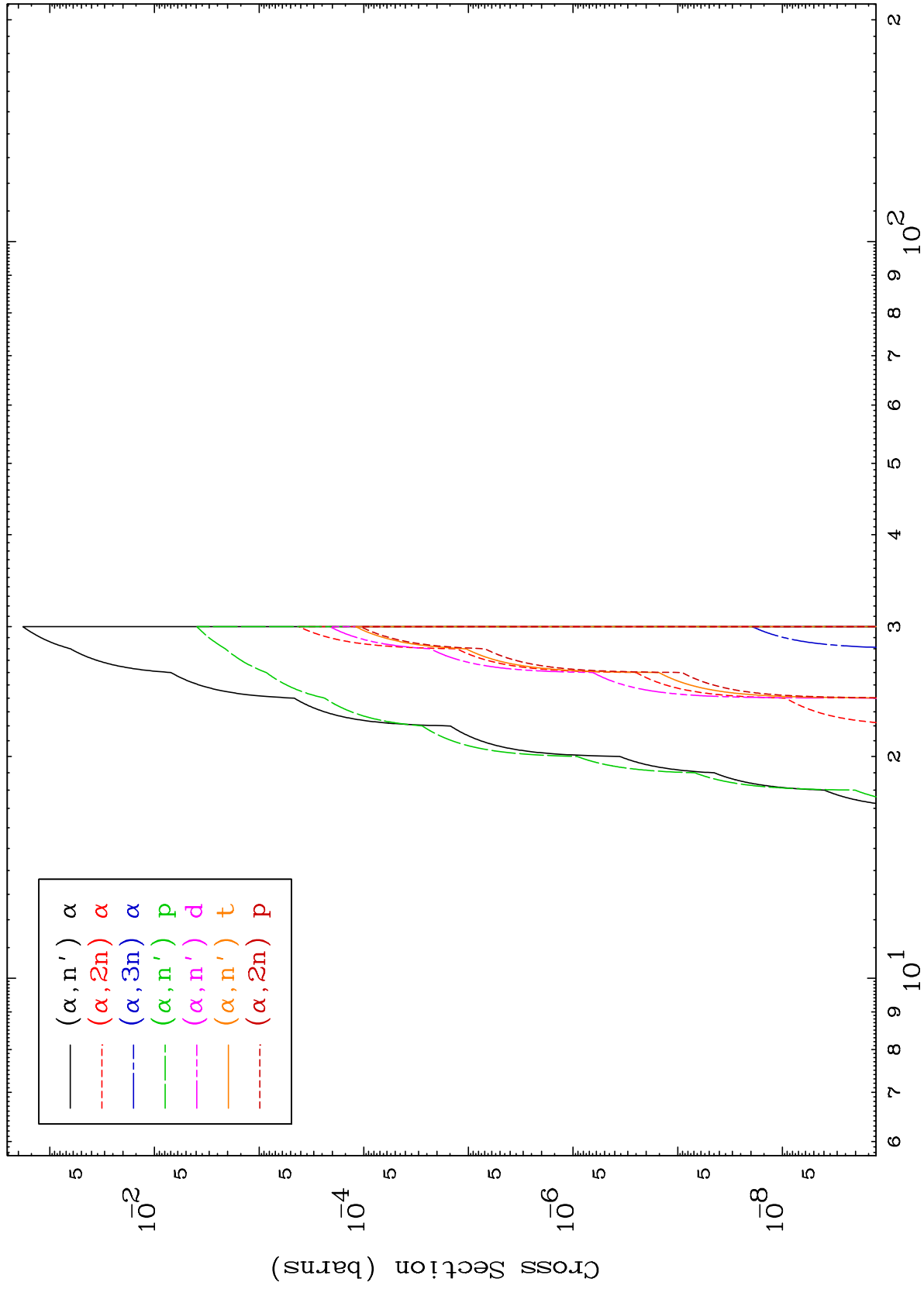
Incident Energy (MeV)

71-Lu-178

MAT 7135

α Charged Particle
0 Kelvin Cross Sections

71-Lu-178



3

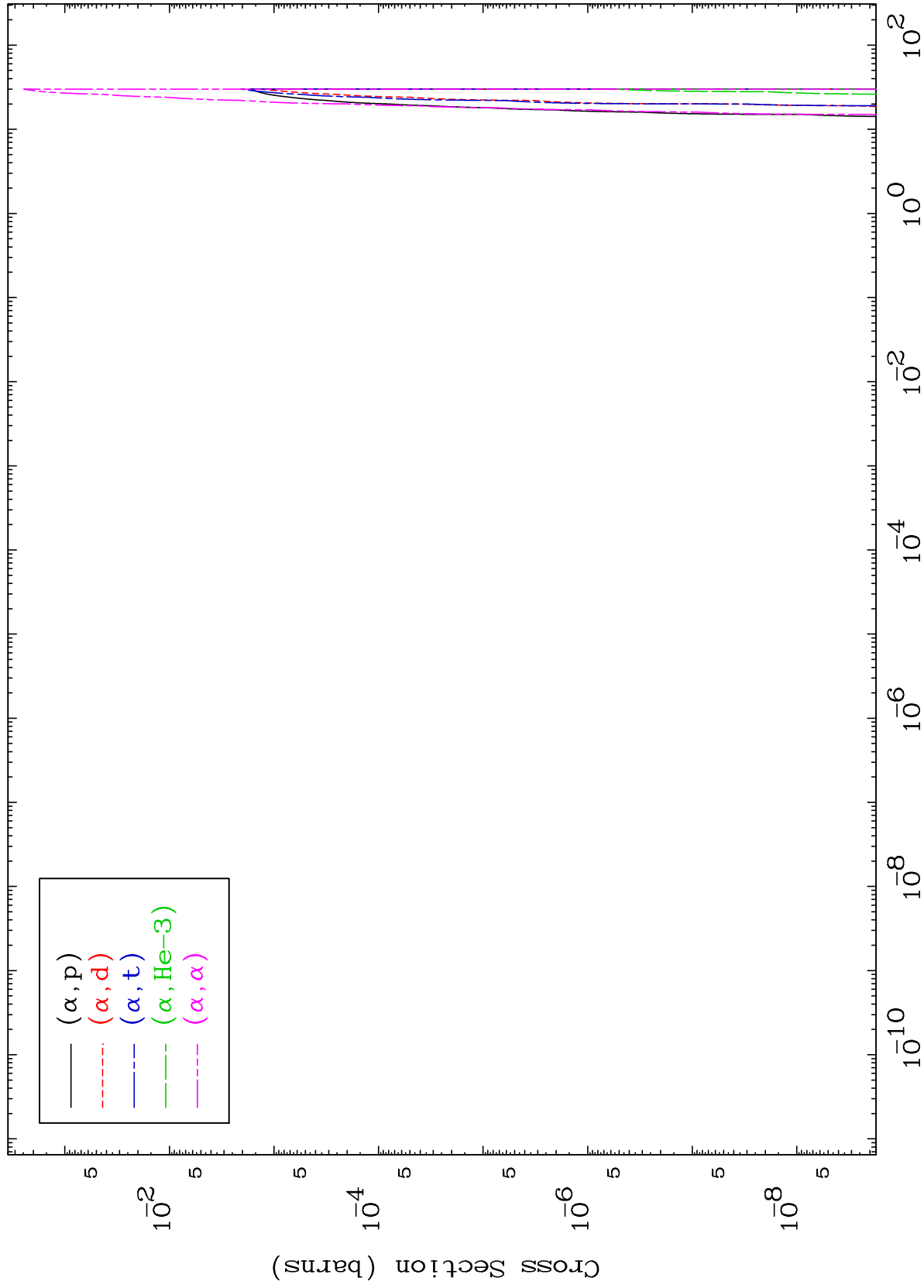
Incident Energy (MeV)

71-Lu-178

MAT 7135

α Charged Particle
0 Kelvin Cross Sections

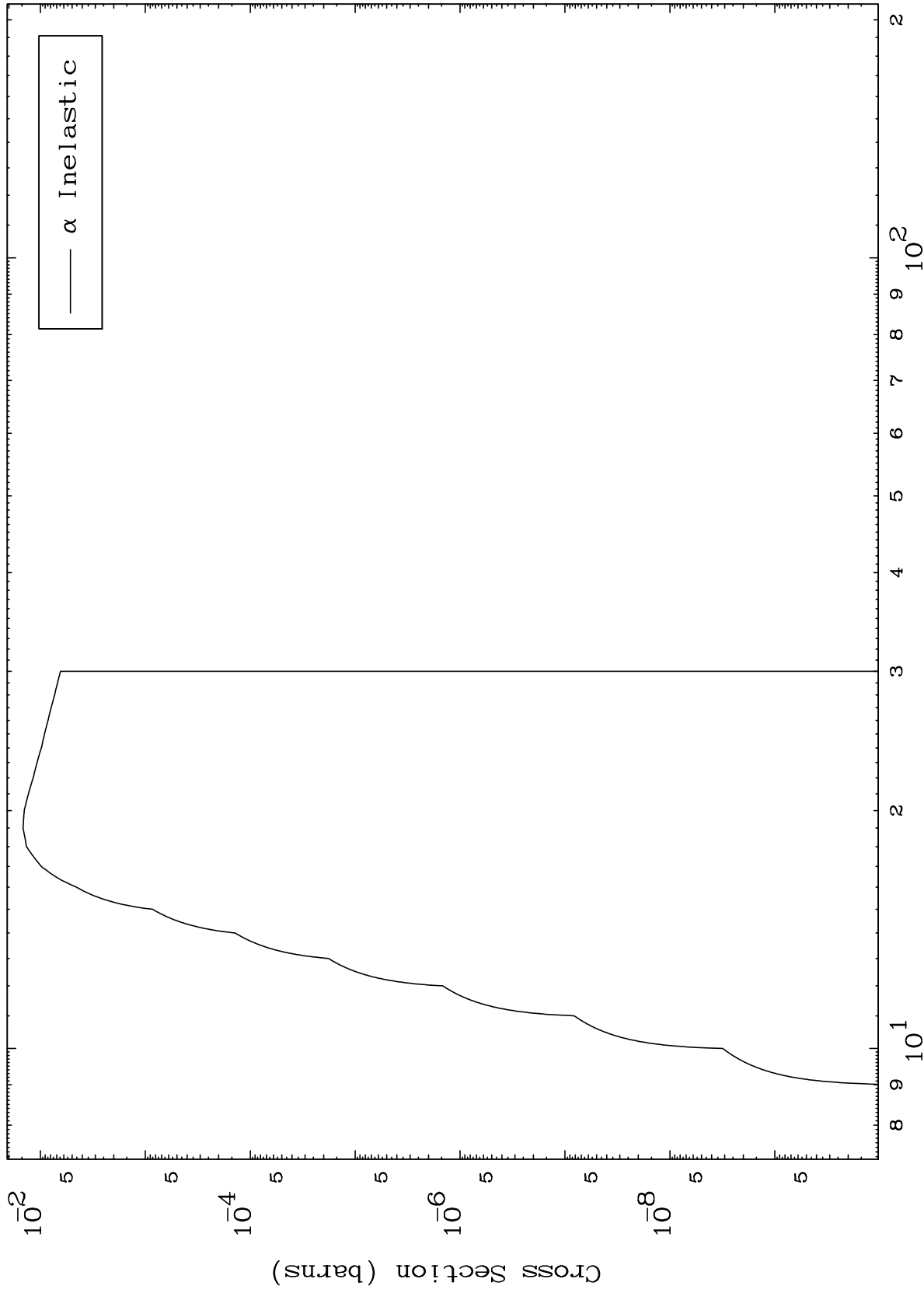
71-Lu-178



MAT 7135

(α, n') Level
0 Kelvin Cross Sections

71-Lu-178



5

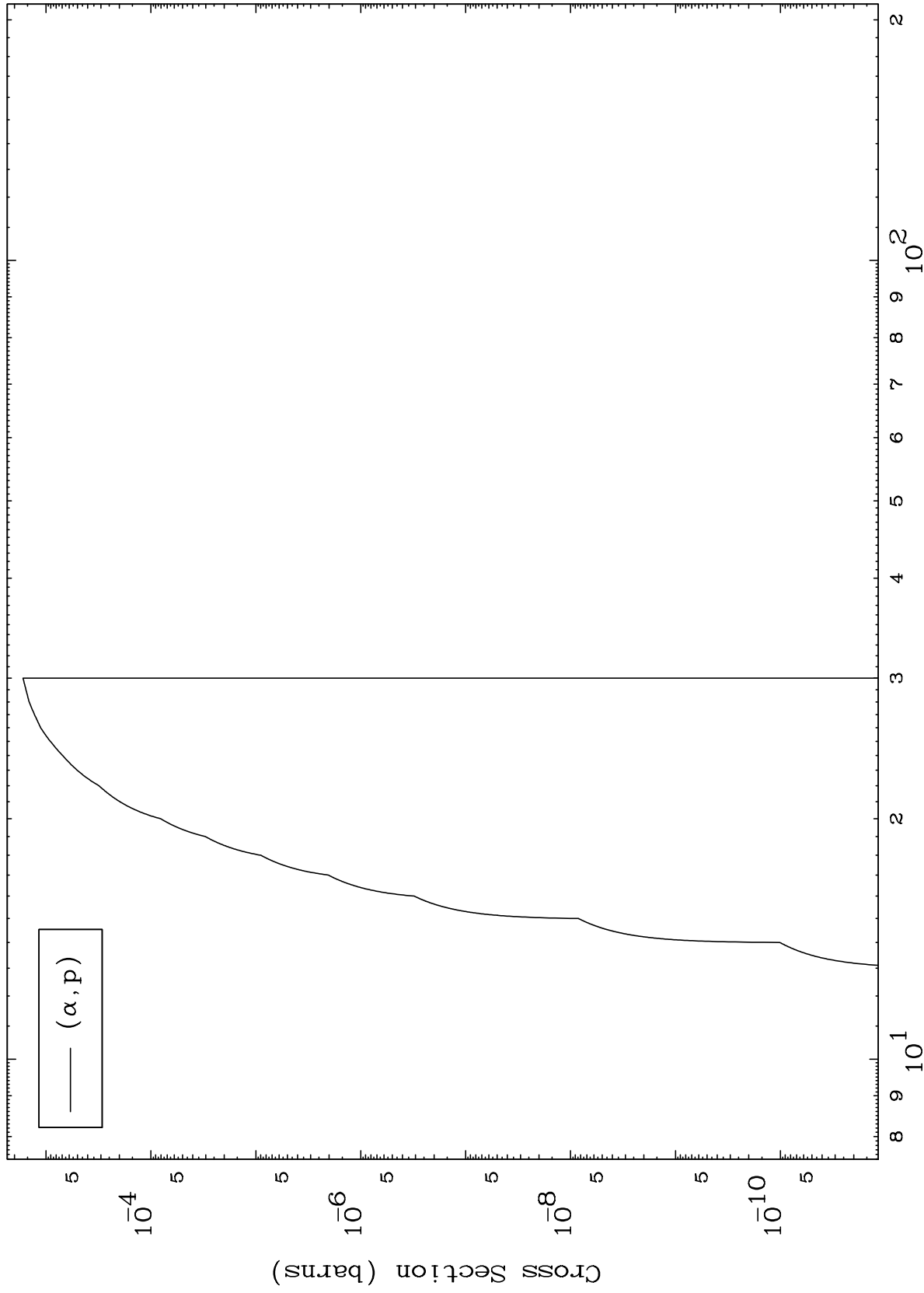
Incident Energy (MeV)

71-Lu-178

MAT 7135

71-Lu-178

(α ,p) Levels
0 Kelvin Cross Sections



6

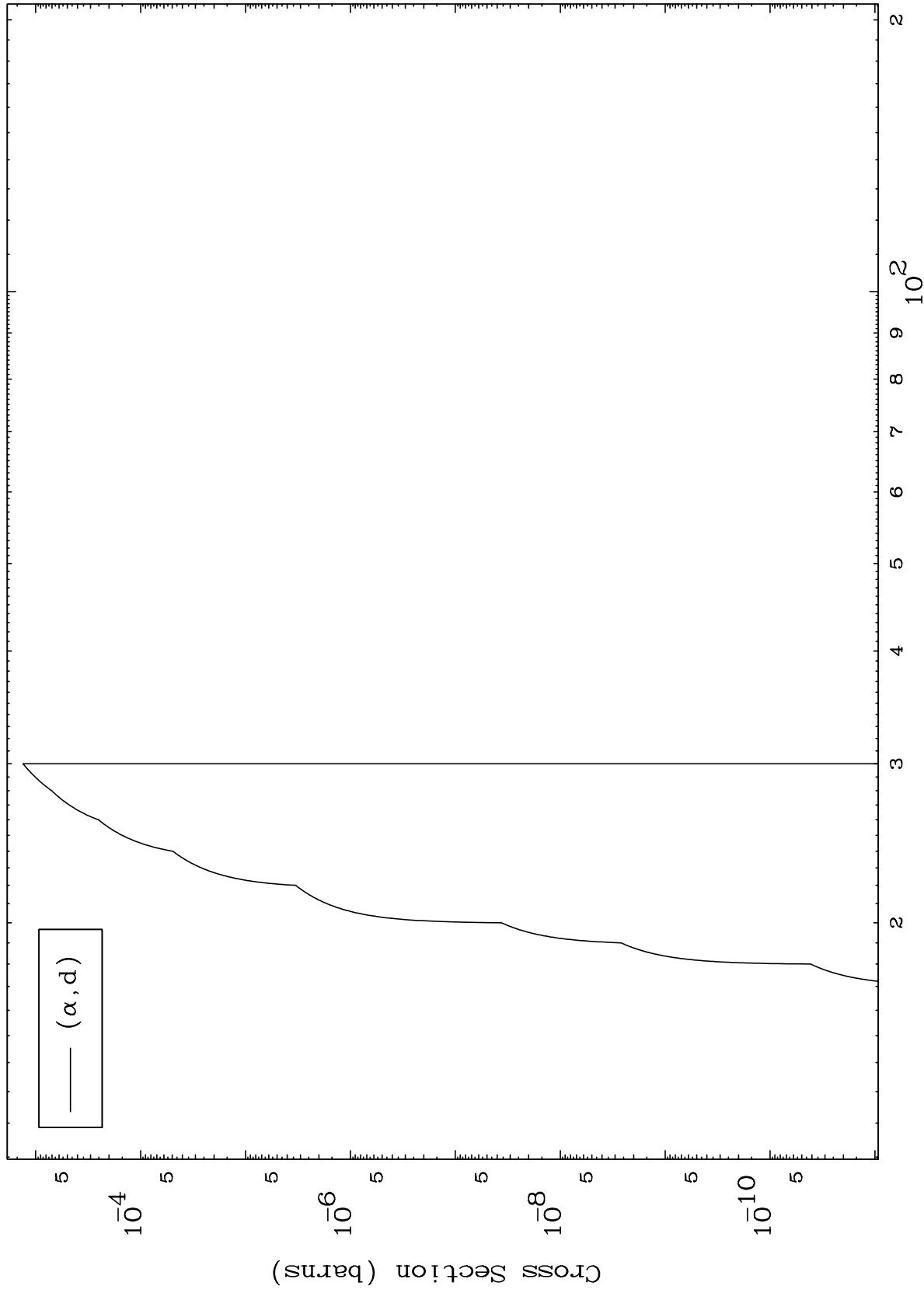
Incident Energy (MeV)

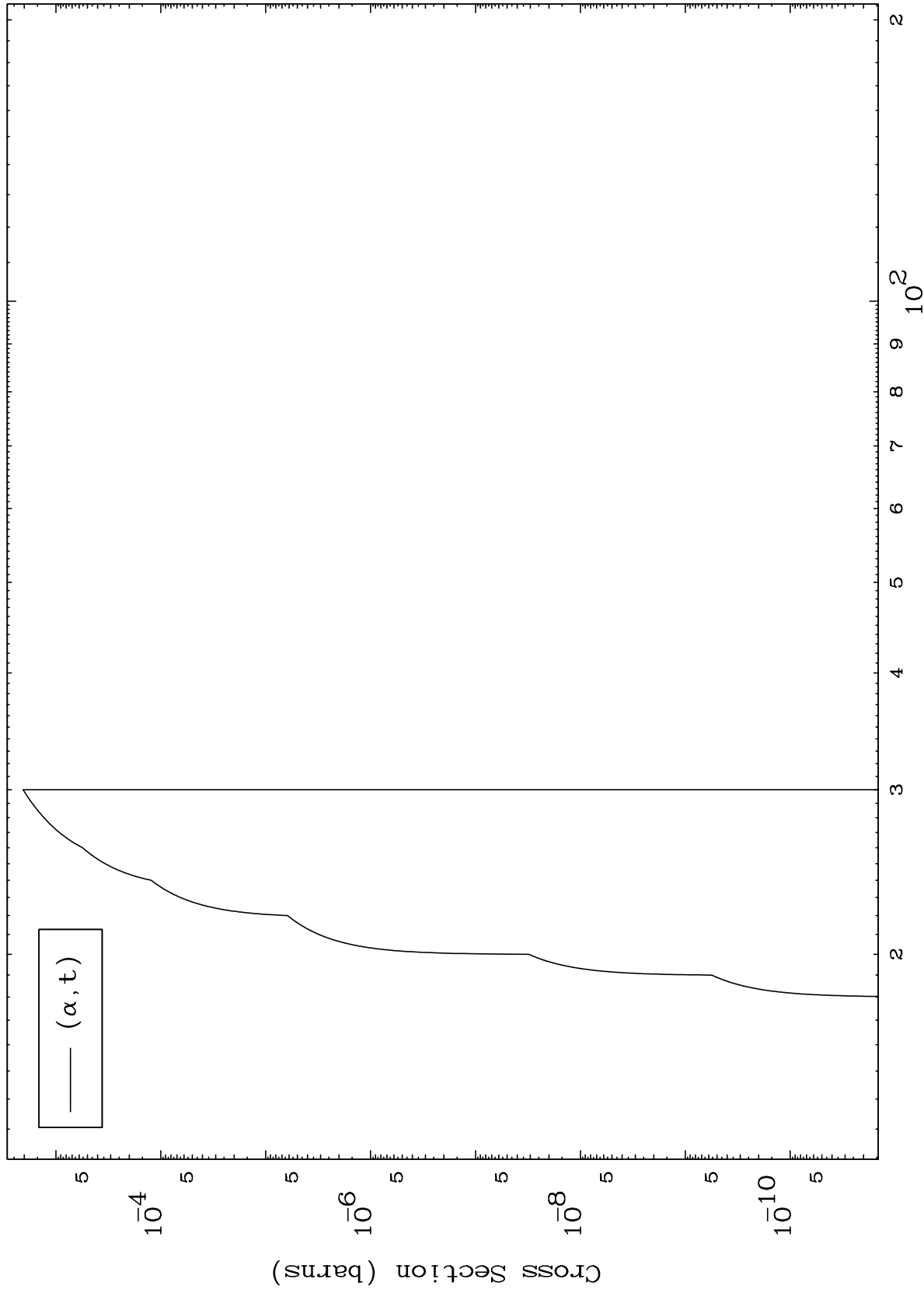
71-Lu-178

MAT 7135

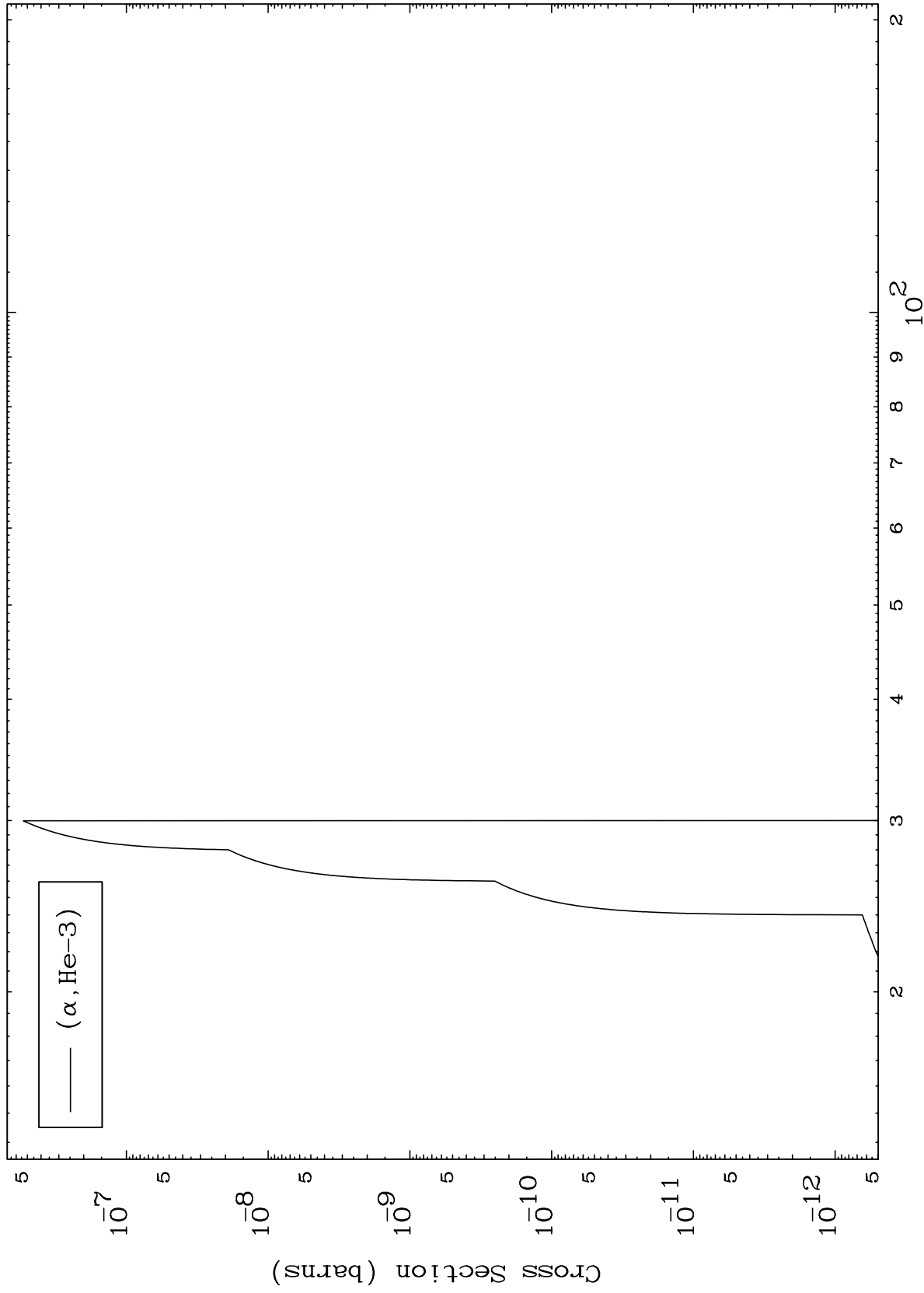
(α ,d) Levels
0 Kelvin Cross Sections

71-Lu-178





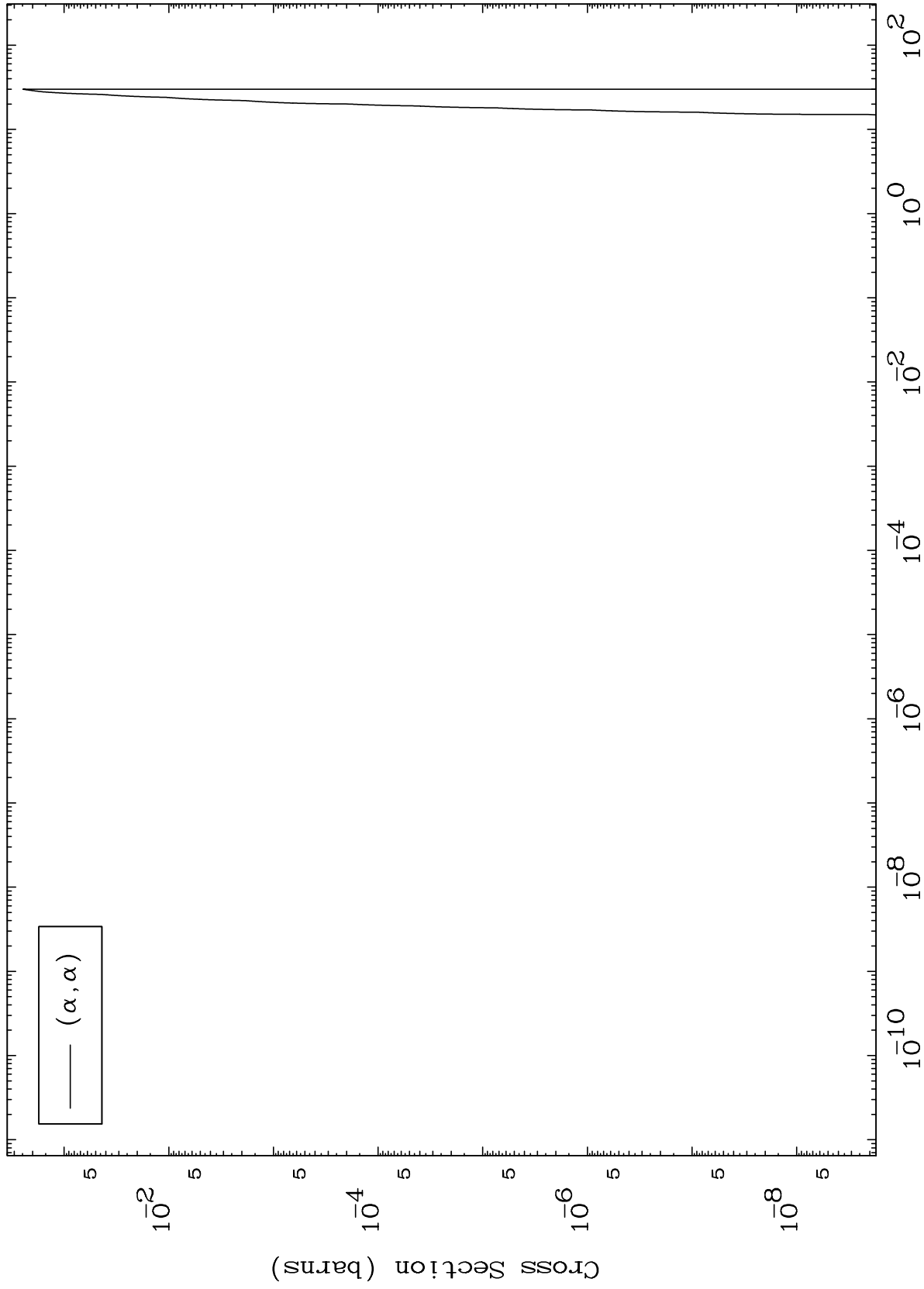
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 7135

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-178



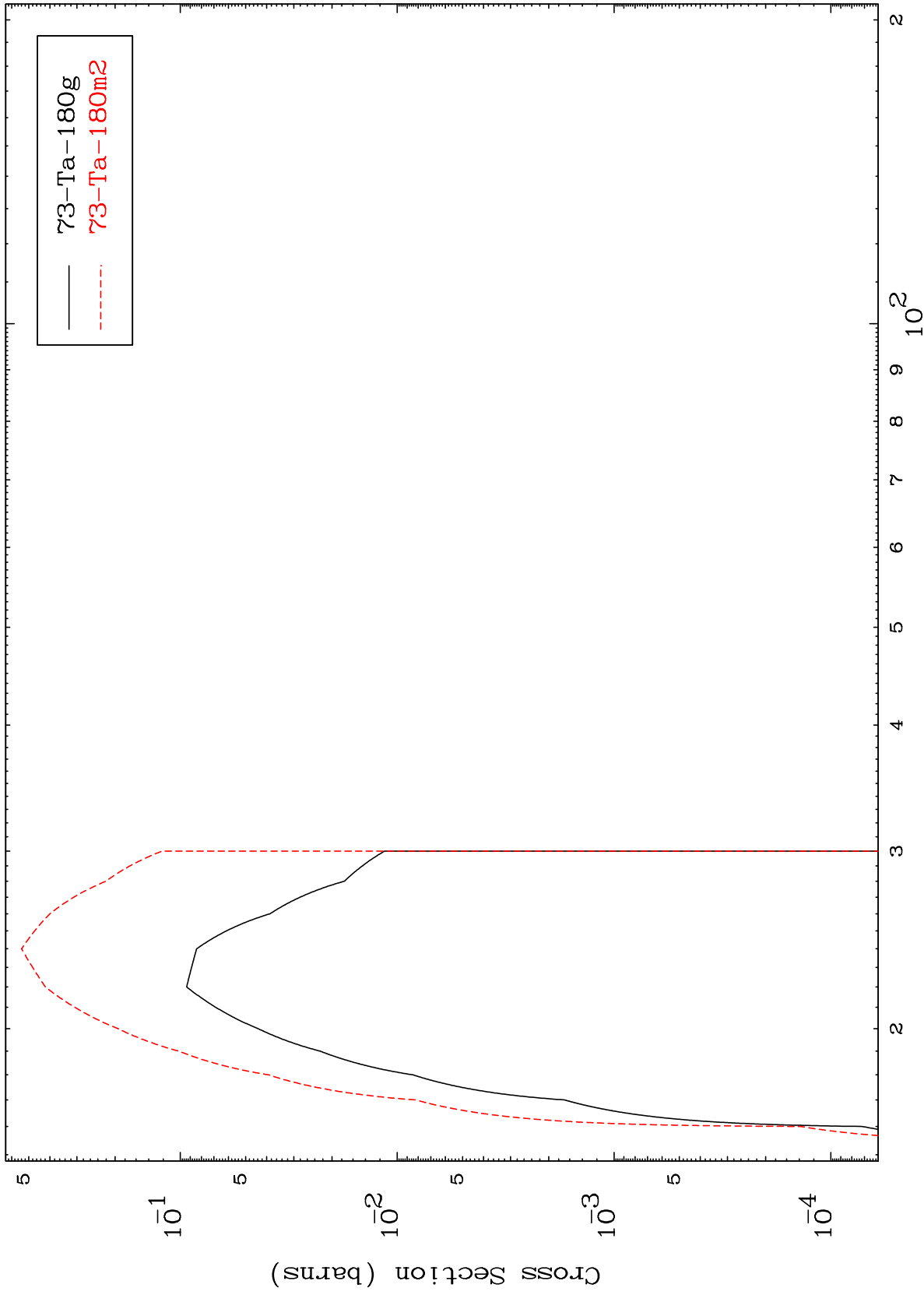
Incident Energy (MeV)

71-Lu-178

MAT 7135

71-Lu-178

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



11

Incident Energy (MeV)

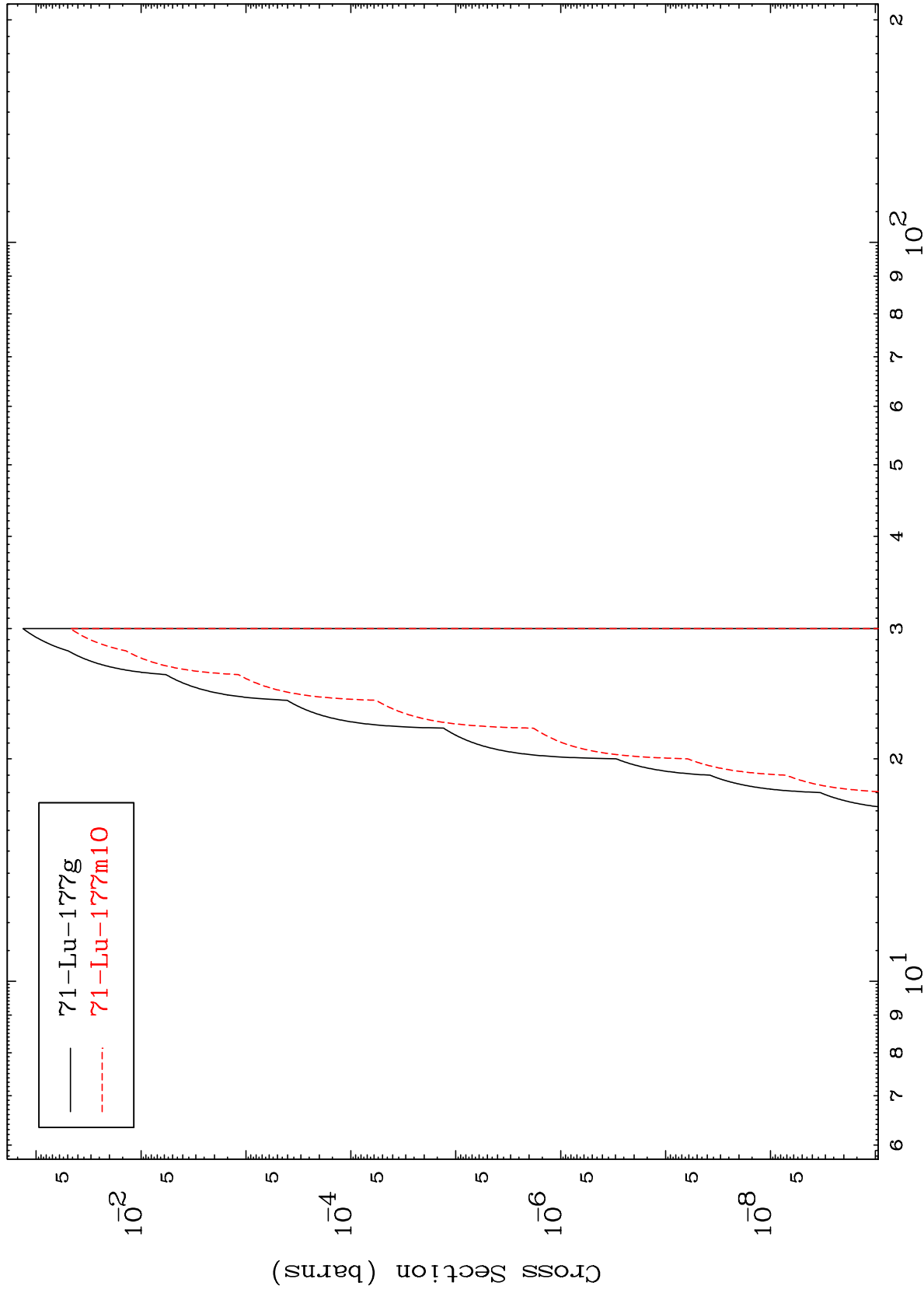
71-Lu-178

MAT 7135

(α, n') α

71-Lu-178

Radionuclide Production Cross Section



12

Incident Energy (MeV)

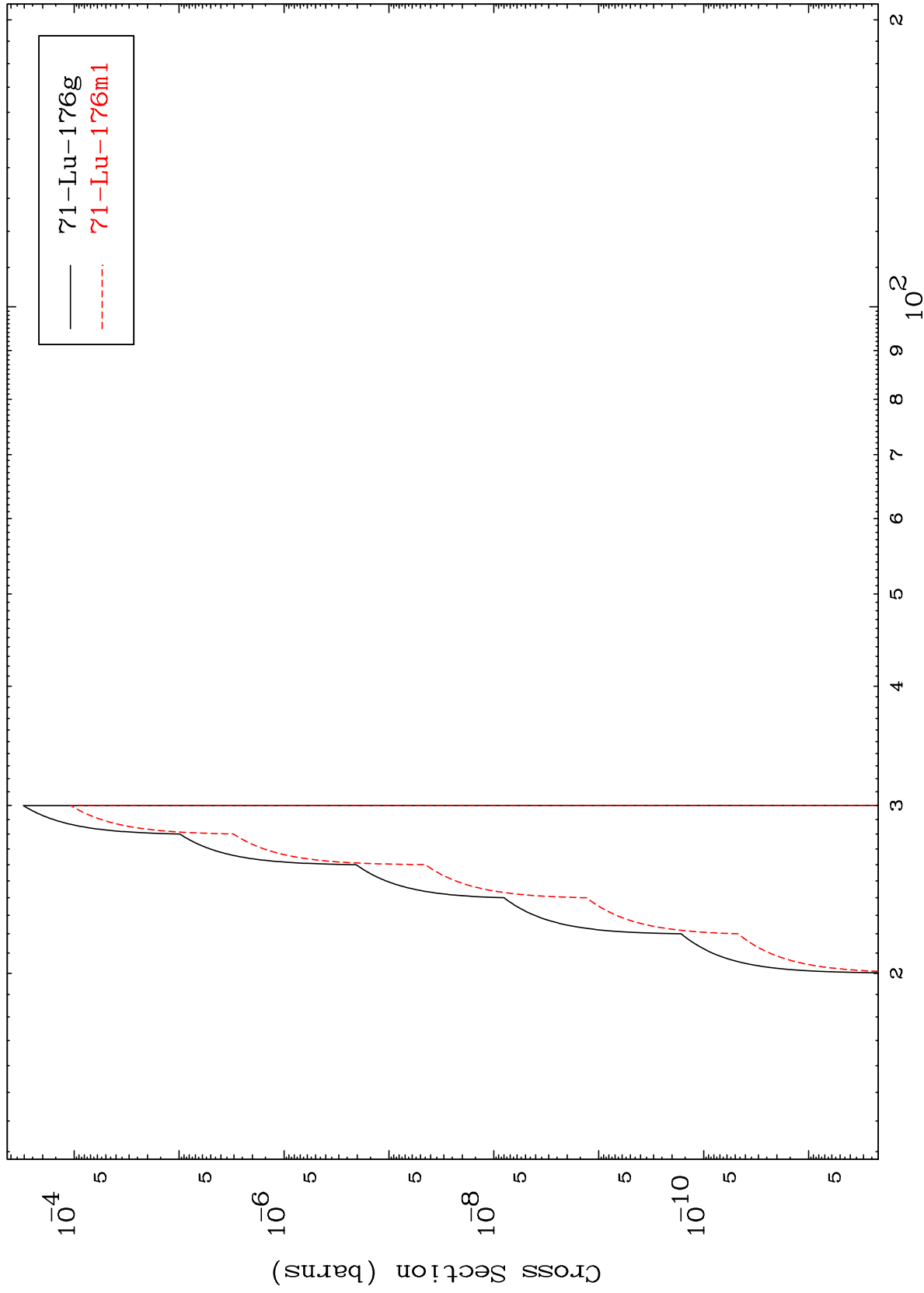
71-Lu-178

MAT 7135

$(\alpha, 2n) \alpha$

$^{71}\text{Lu-178}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

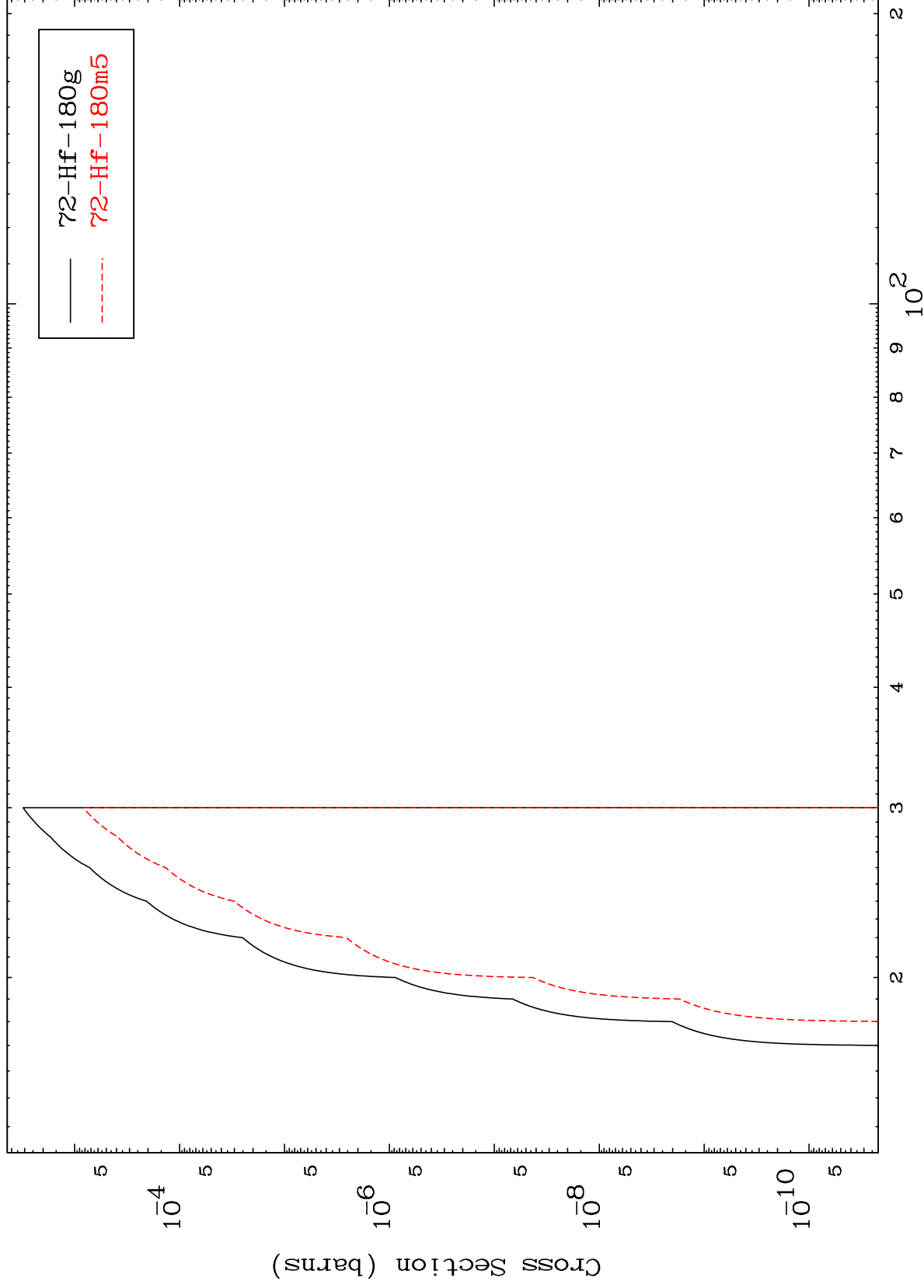
$^{71}\text{Lu-178}$

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(α, n') p

$^{71}\text{Lu}-^{178}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

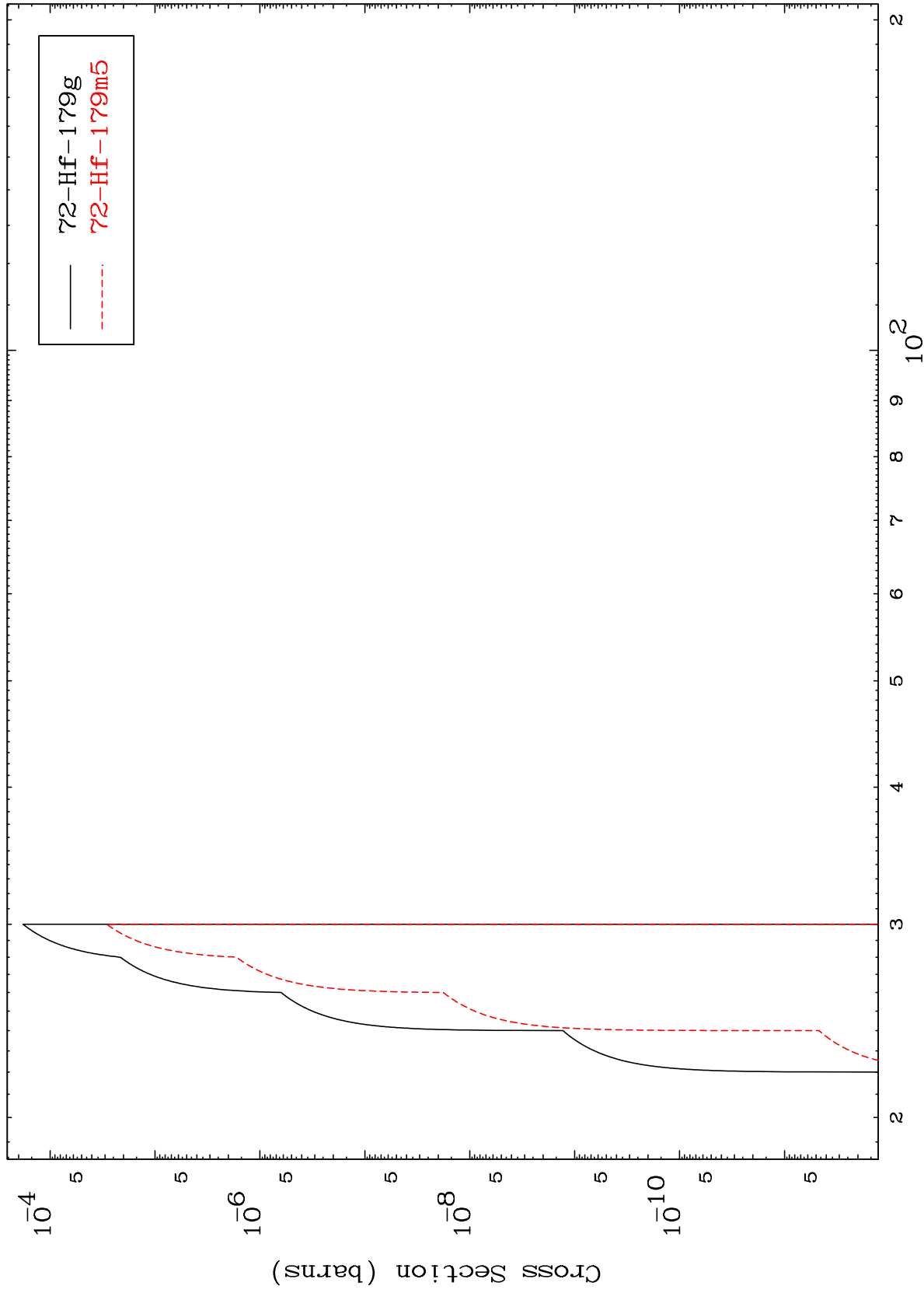
$^{71}\text{Lu}-^{178}$

MAT 7135

(α, n') d

71-Lu-178

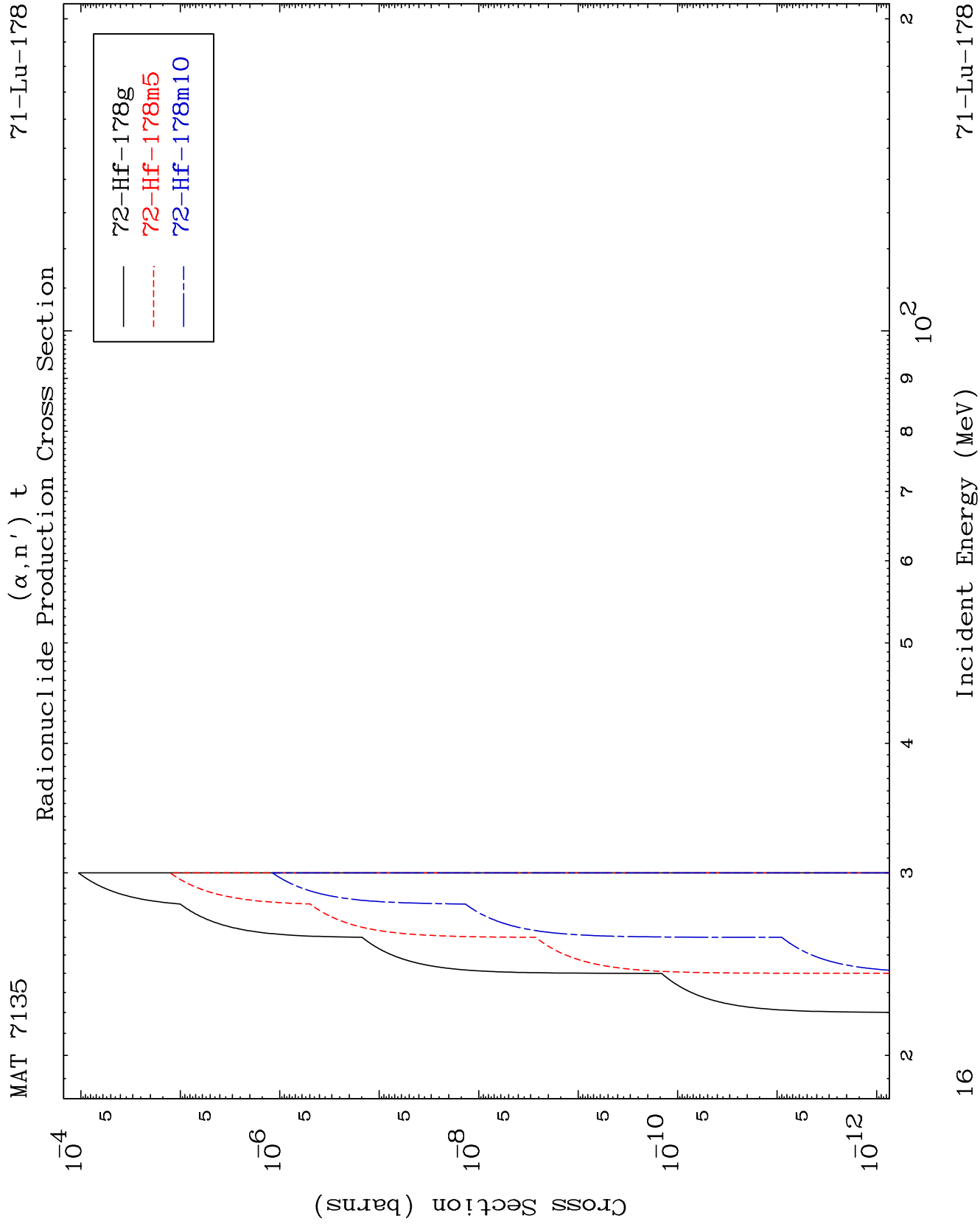
Radionuclide Production Cross Section

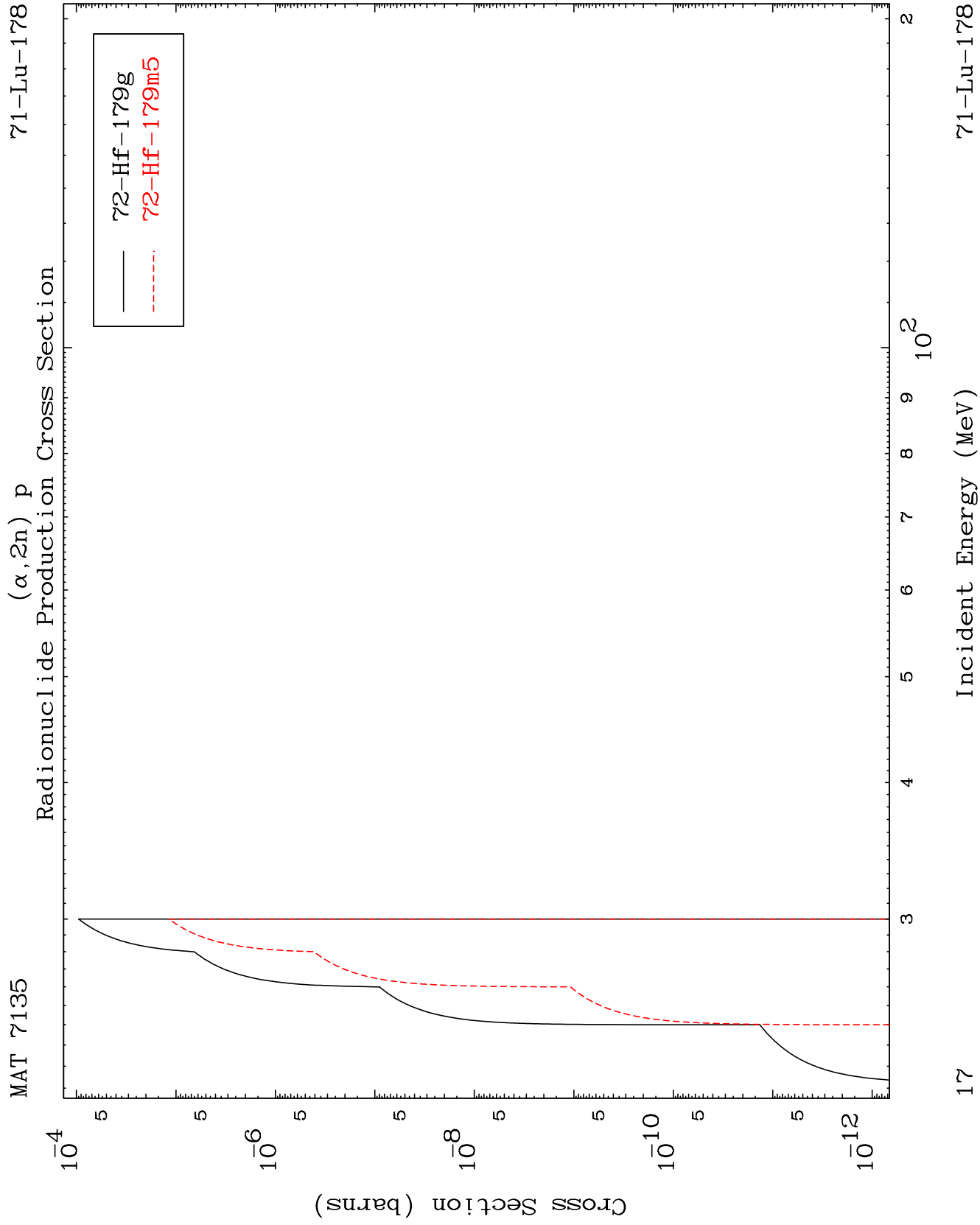


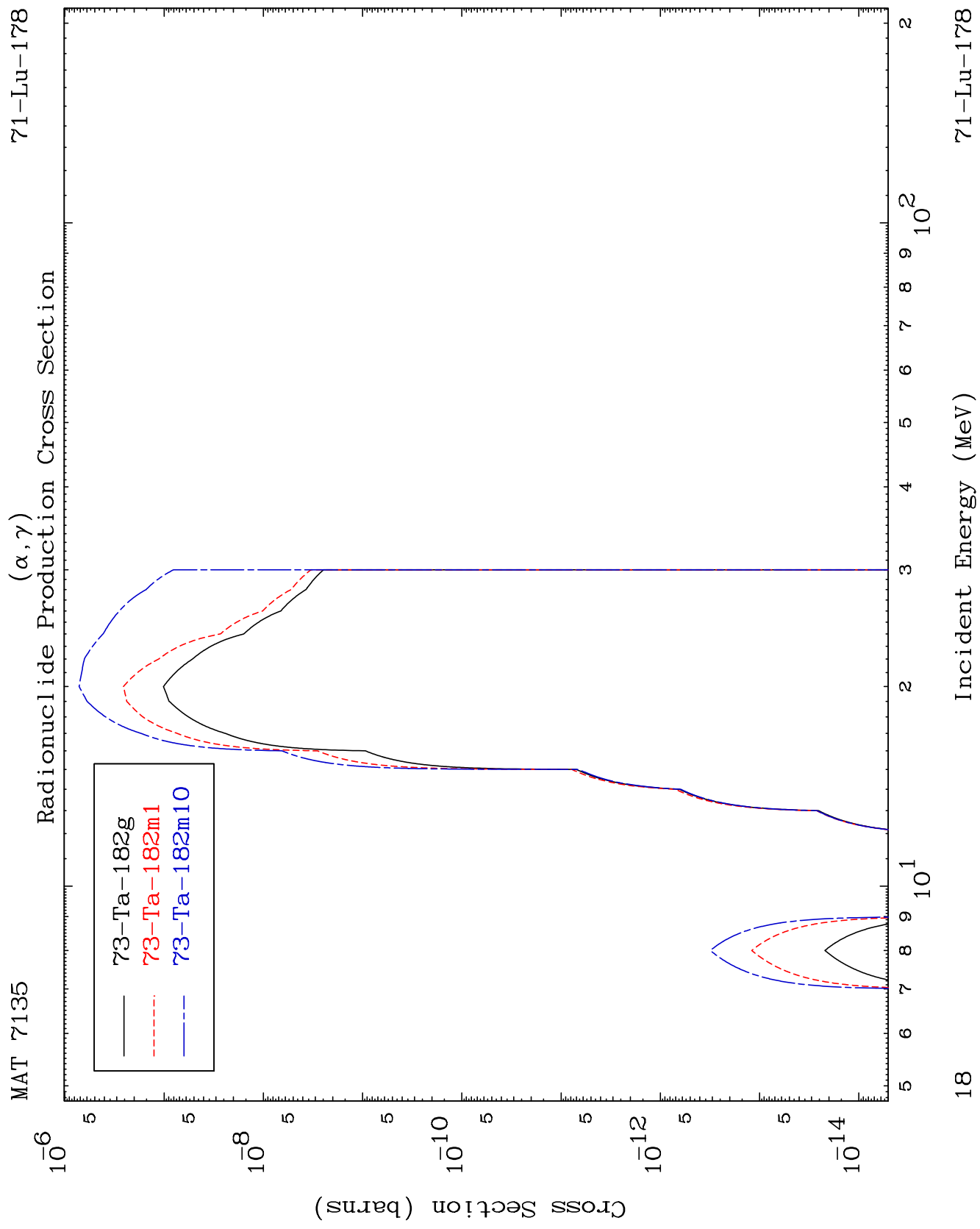
15

Incident Energy (MeV)

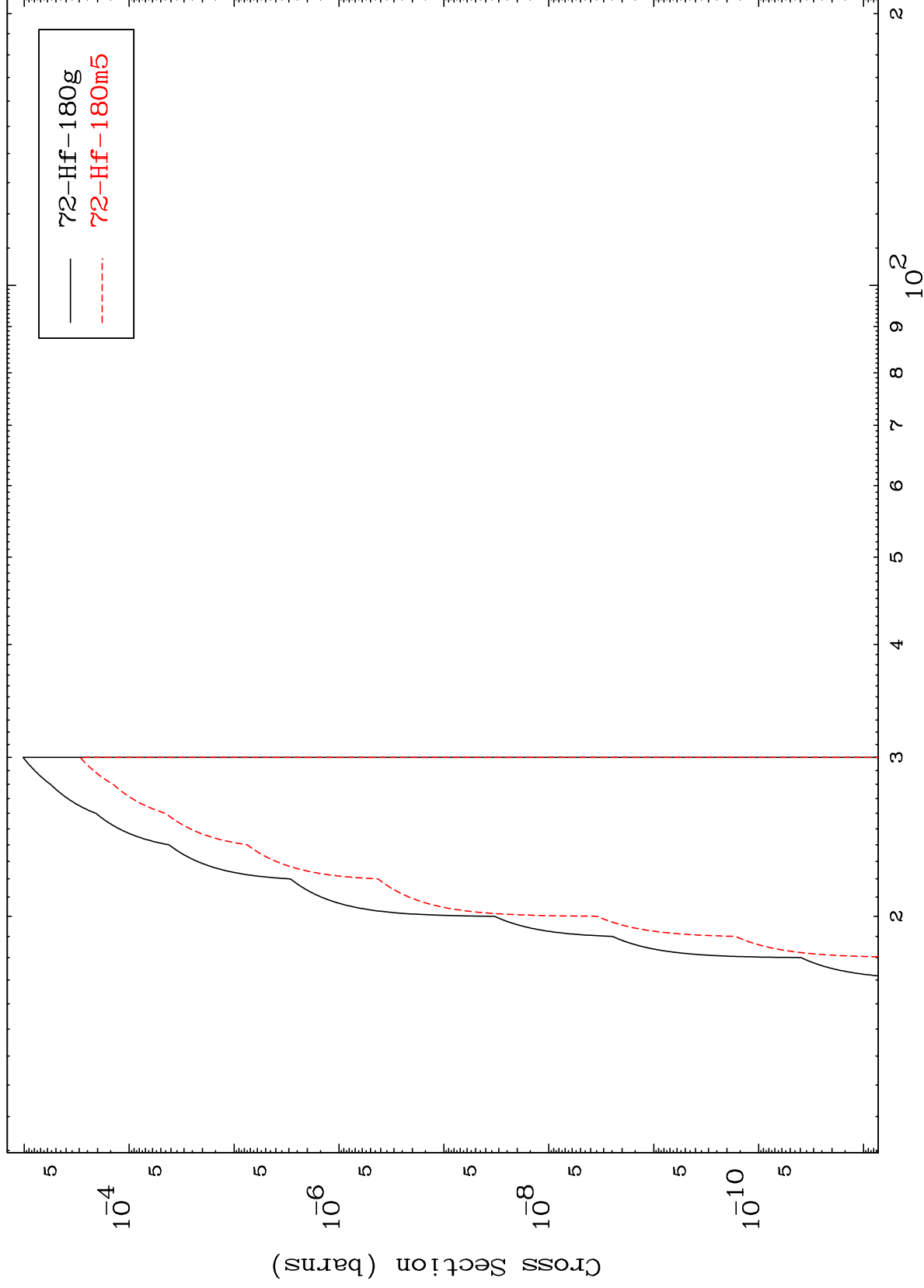
71-Lu-178



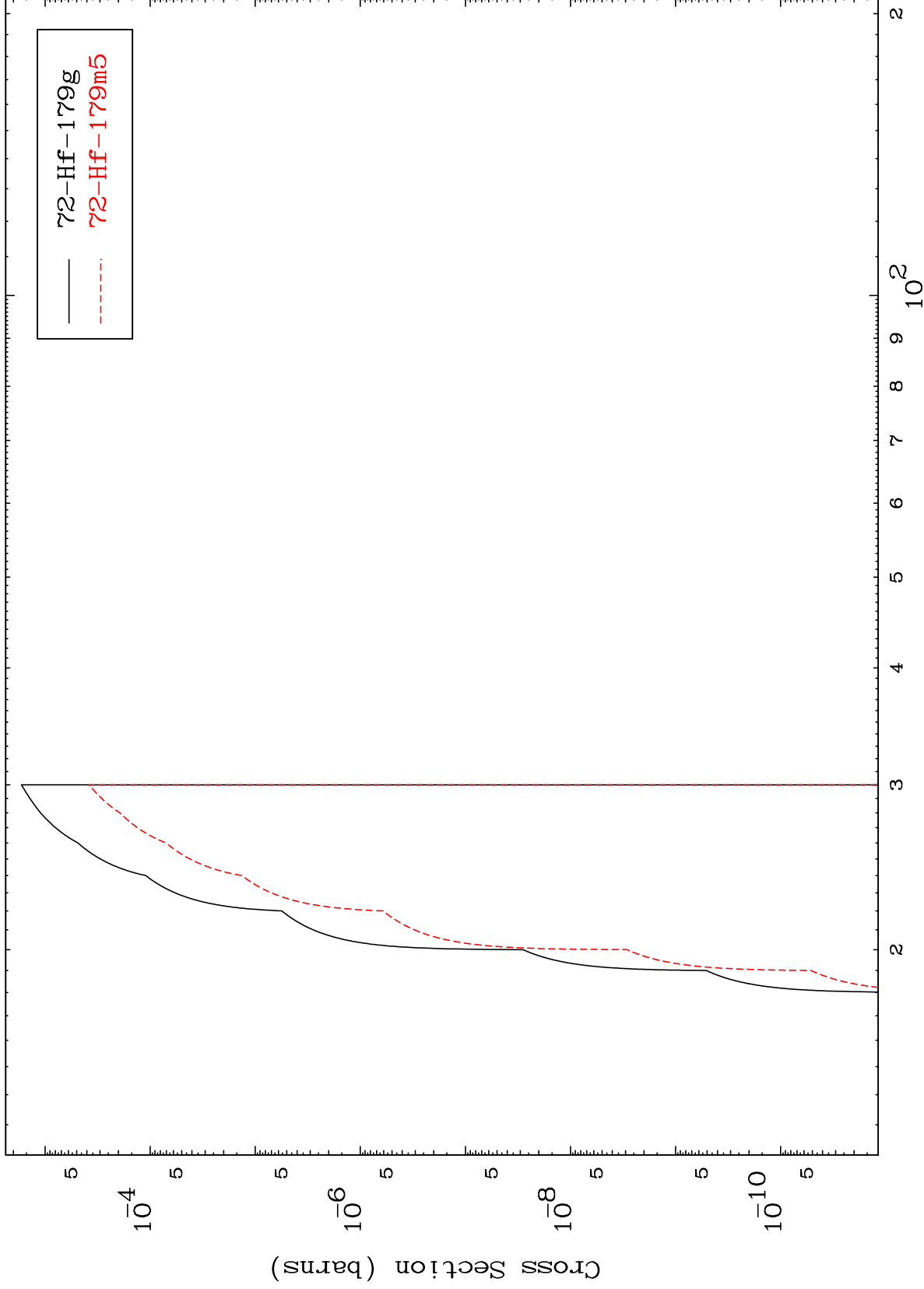




Radionuclide Production Cross Section



(α, t)
Radionuclide Production Cross Section

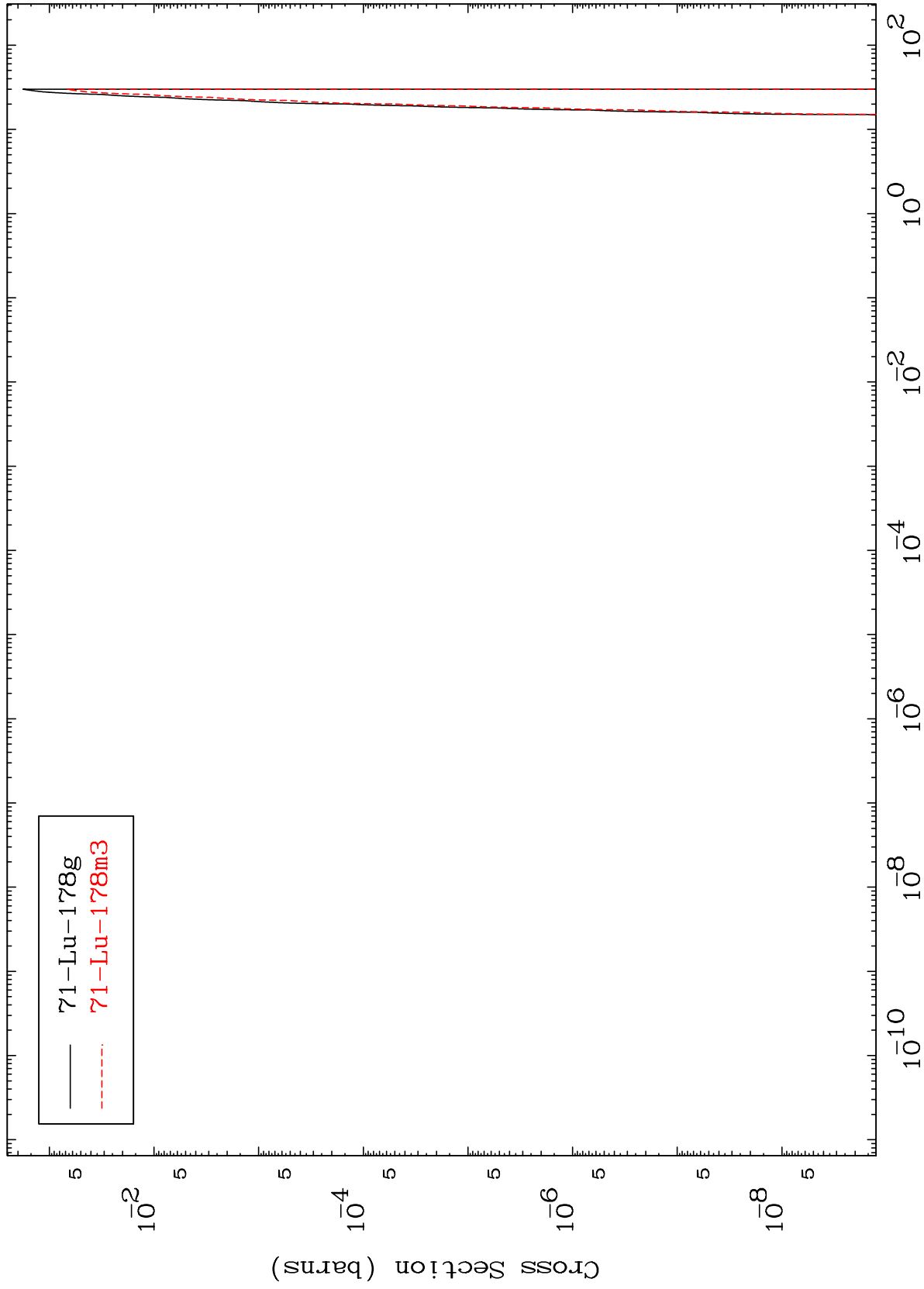


MAT 7135

(α, α)

⁷¹Lu-178

Radionuclide Production Cross Section



21

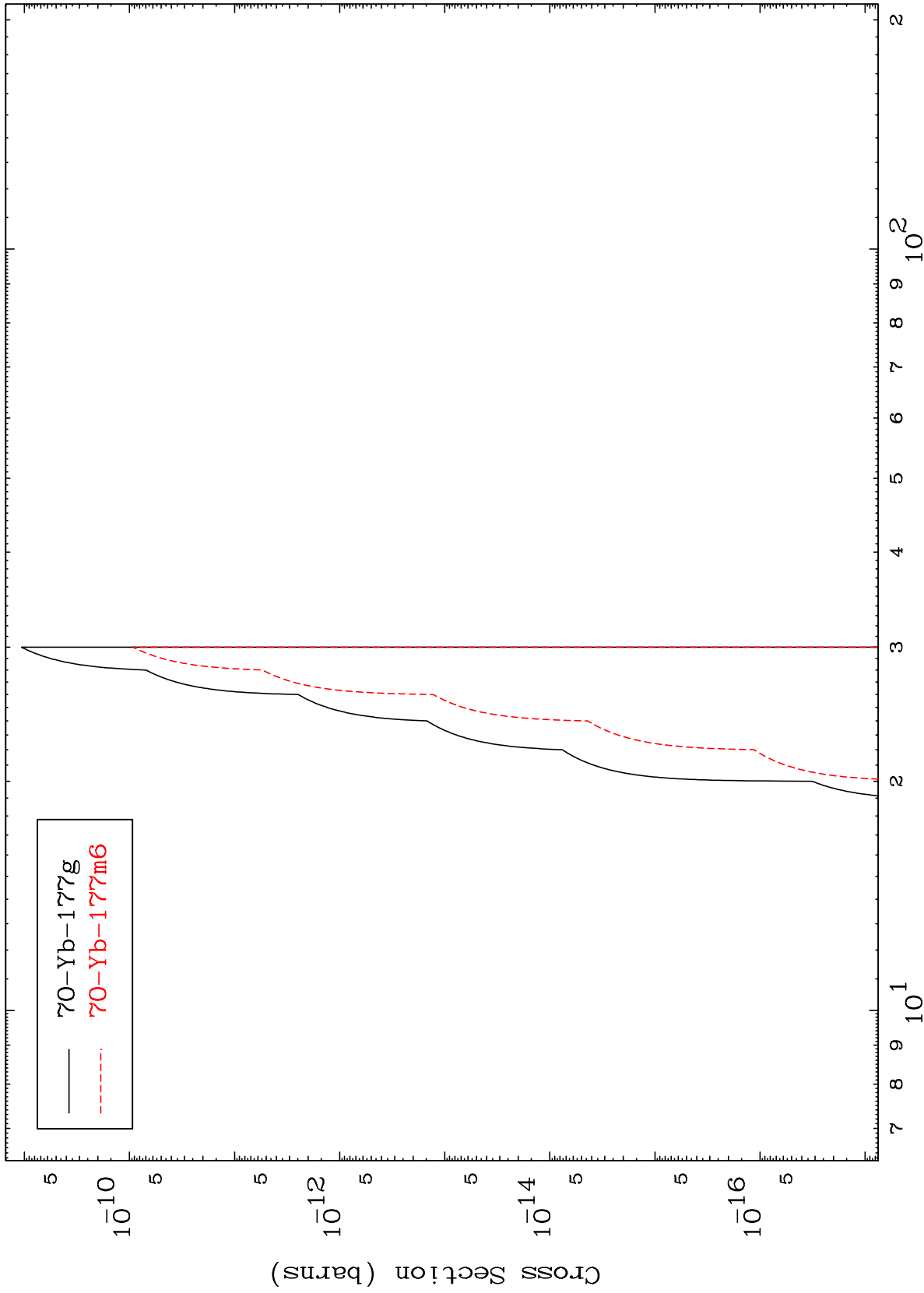
Incident Energy (MeV)

⁷¹Lu-178

MAT 7135

71-Lu-178

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



22

Incident Energy (MeV)

71-Lu-178