

Program EVALPLOT
(Version 2018-1)

by

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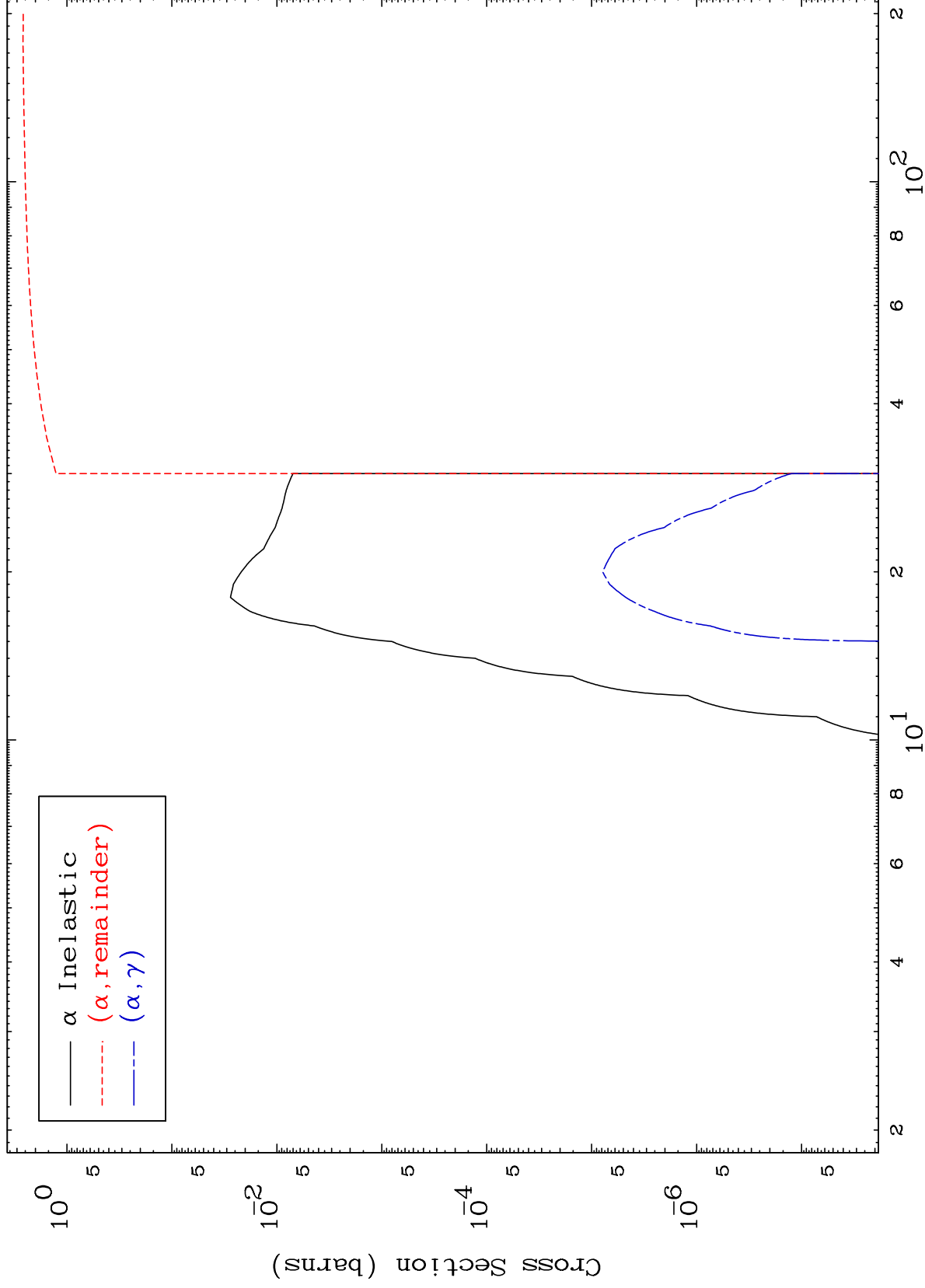
Press Mouse Button to Start

MAT 7129

α Major

0 Kelvin Cross Sections

71-Lu-176



1

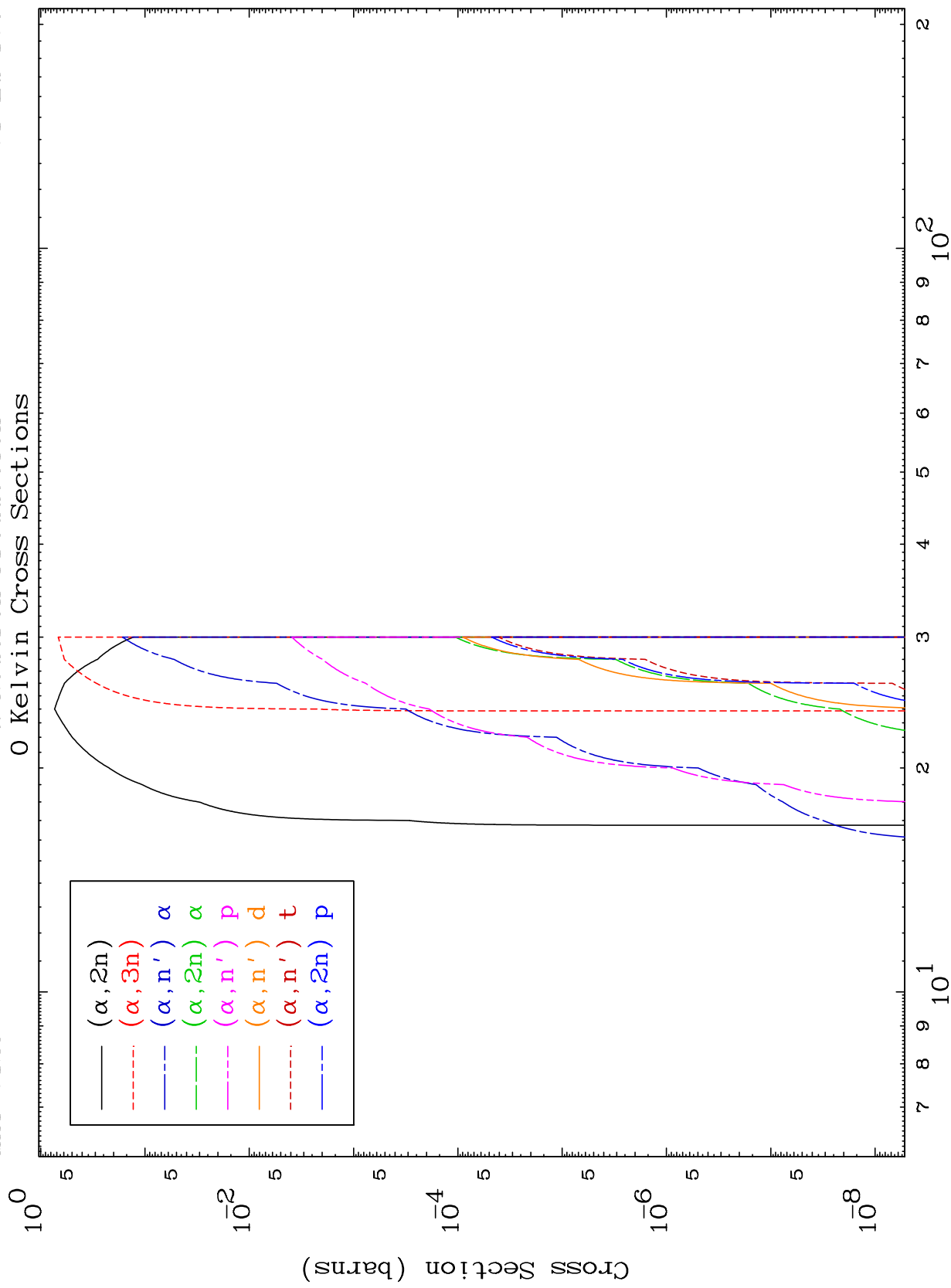
Incident Energy (MeV)

71-Lu-176

MAT 7129

α Neutron Production
0 Kelvin Cross Sections

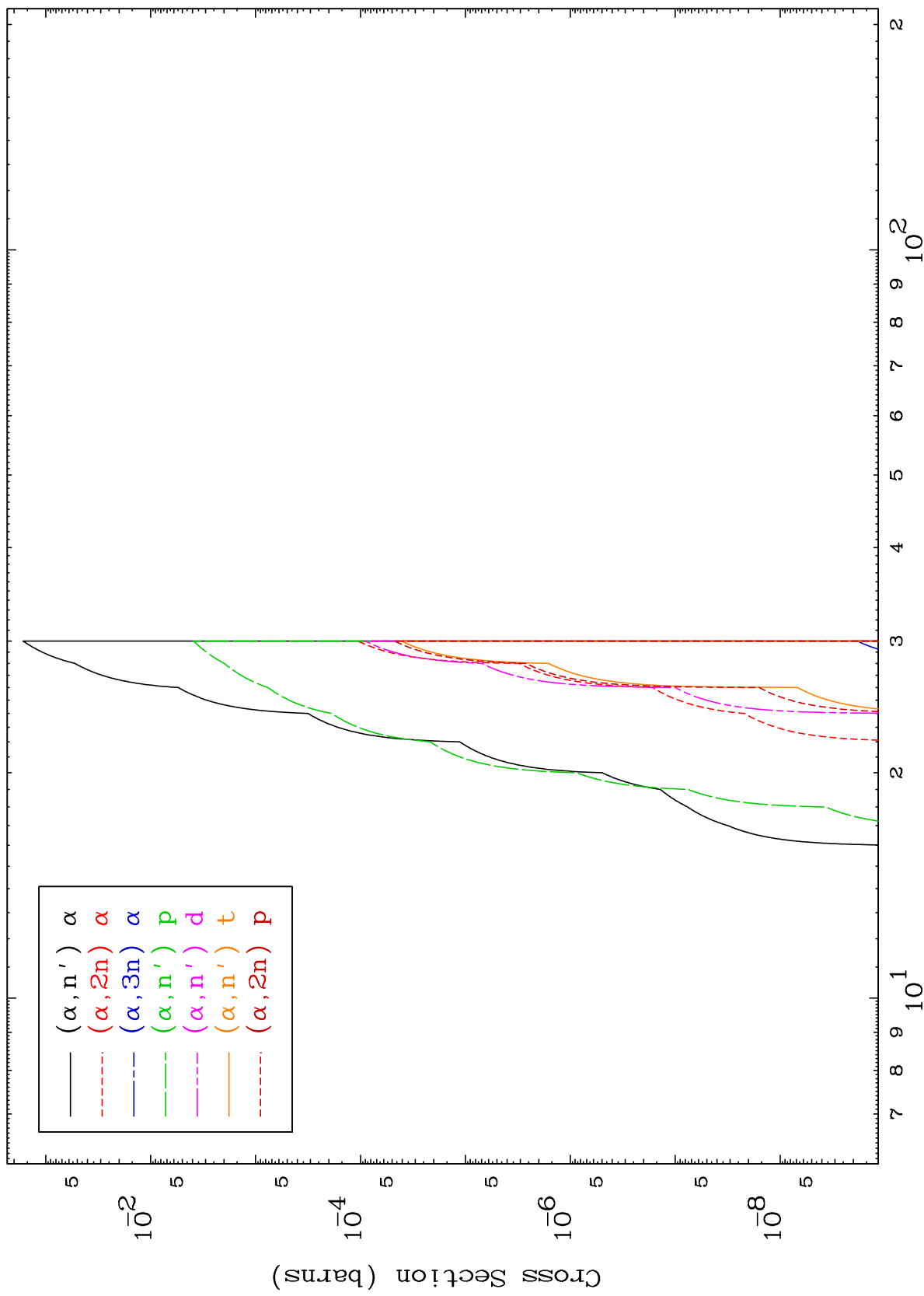
71-Lu-176

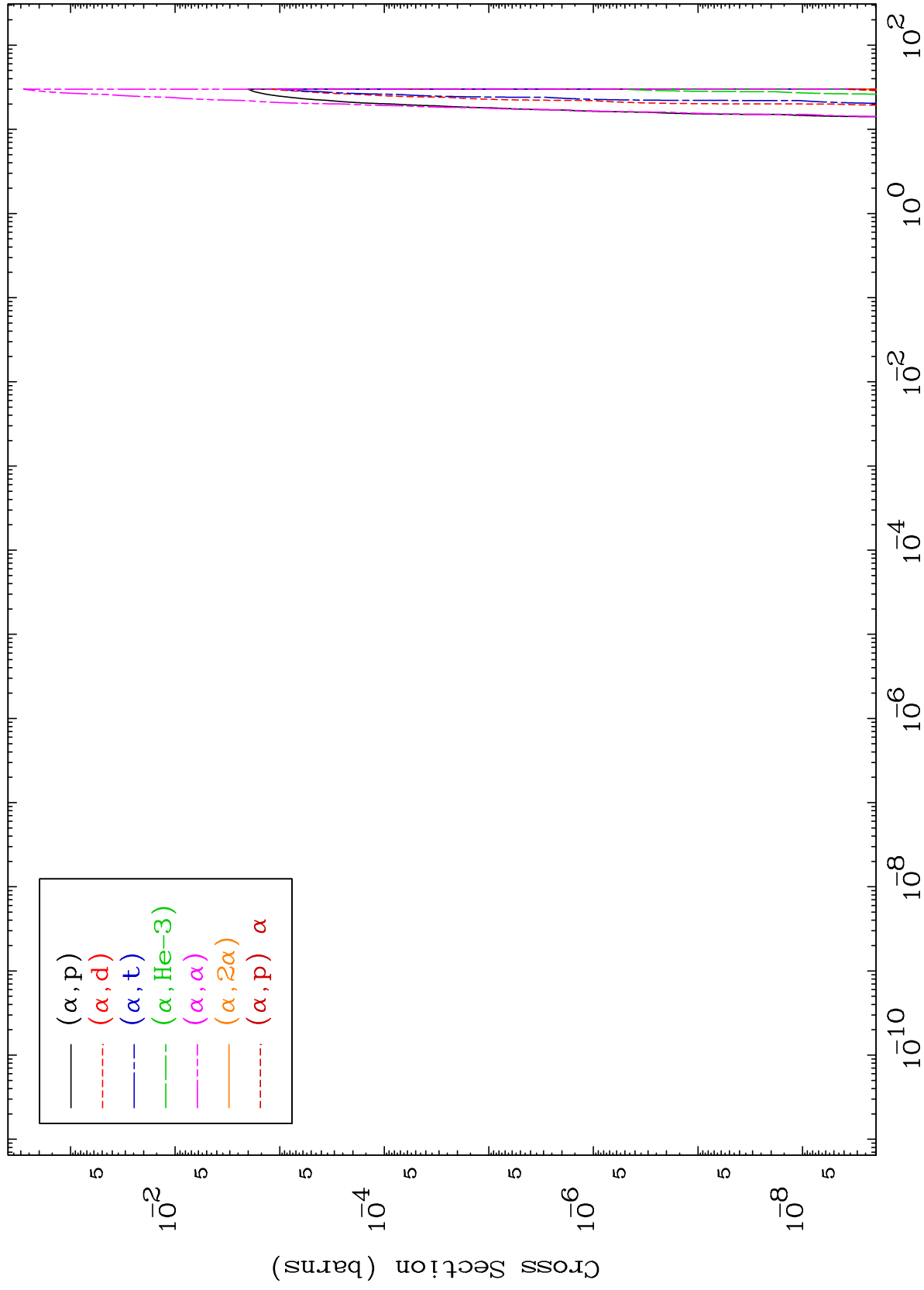


2

Incident Energy (MeV)

71-Lu-176

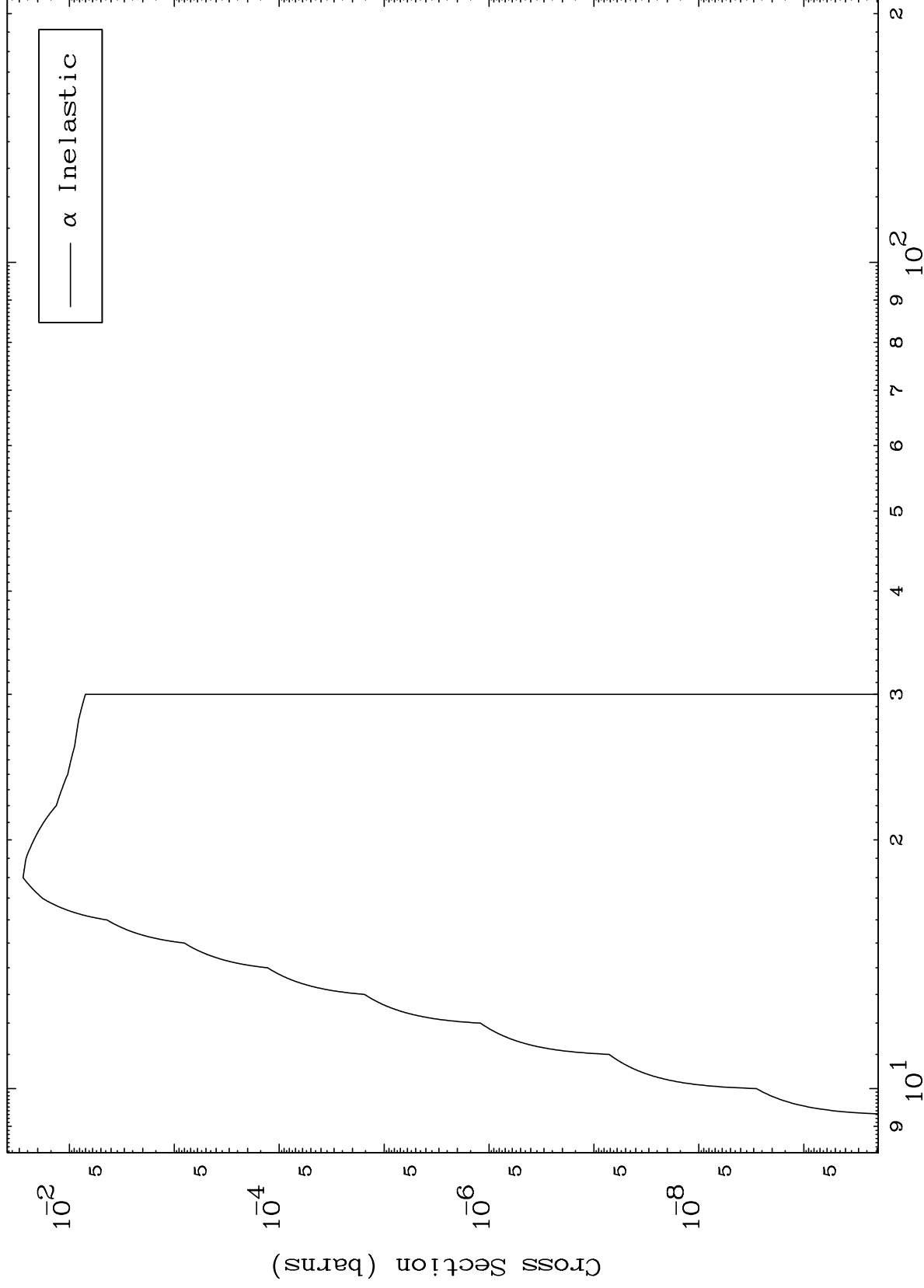




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(α, n') Level
0 Kelvin Cross Sections

71-Lu-176



5

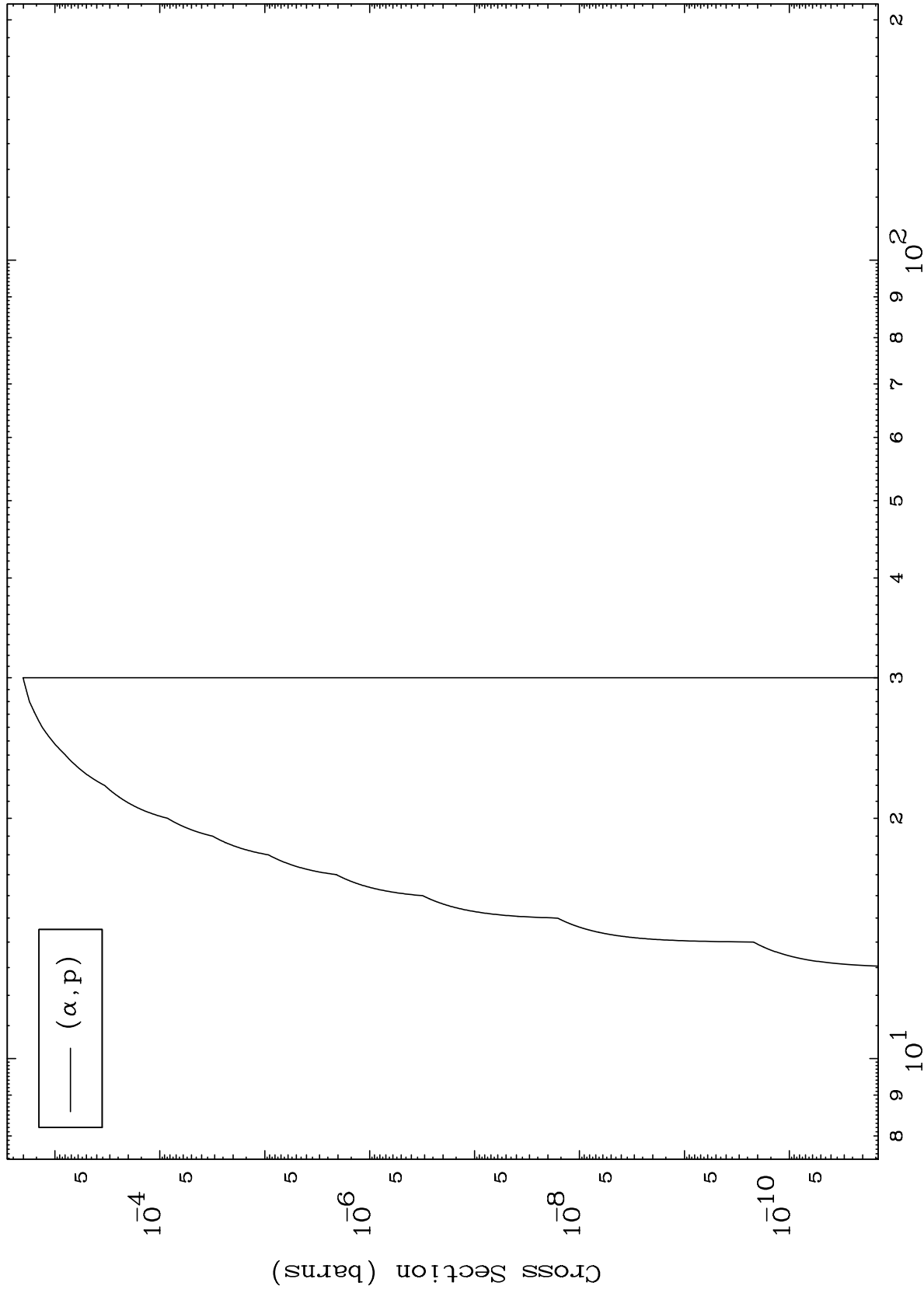
Incident Energy (MeV)

71-Lu-176

MAT 7129

71-Lu-176

(α ,p) Levels
0 Kelvin Cross Sections



6

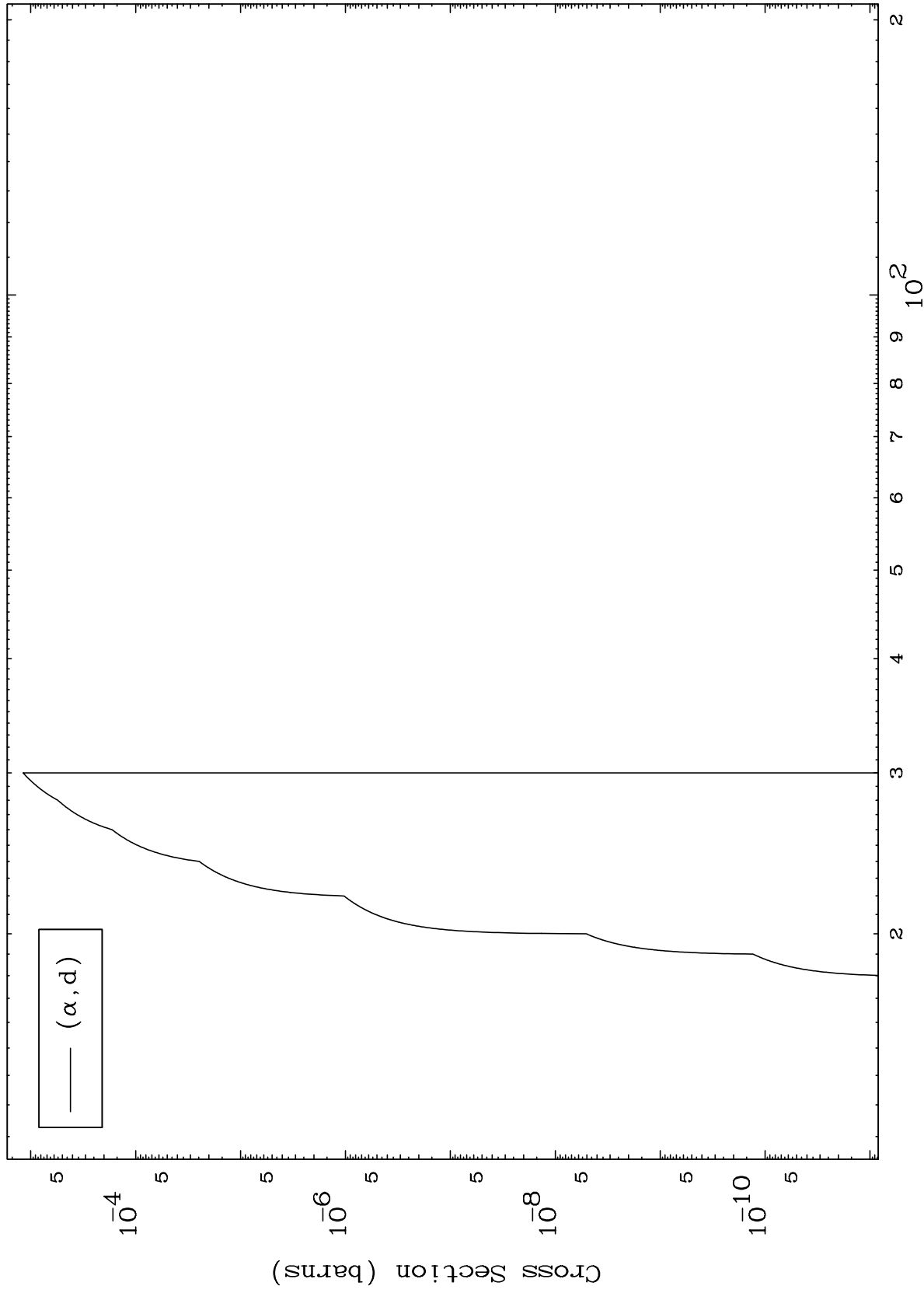
Incident Energy (MeV)

71-Lu-176

MAT 7129

71-Lu-176

(α, d) Levels
0 Kelvin Cross Sections



7

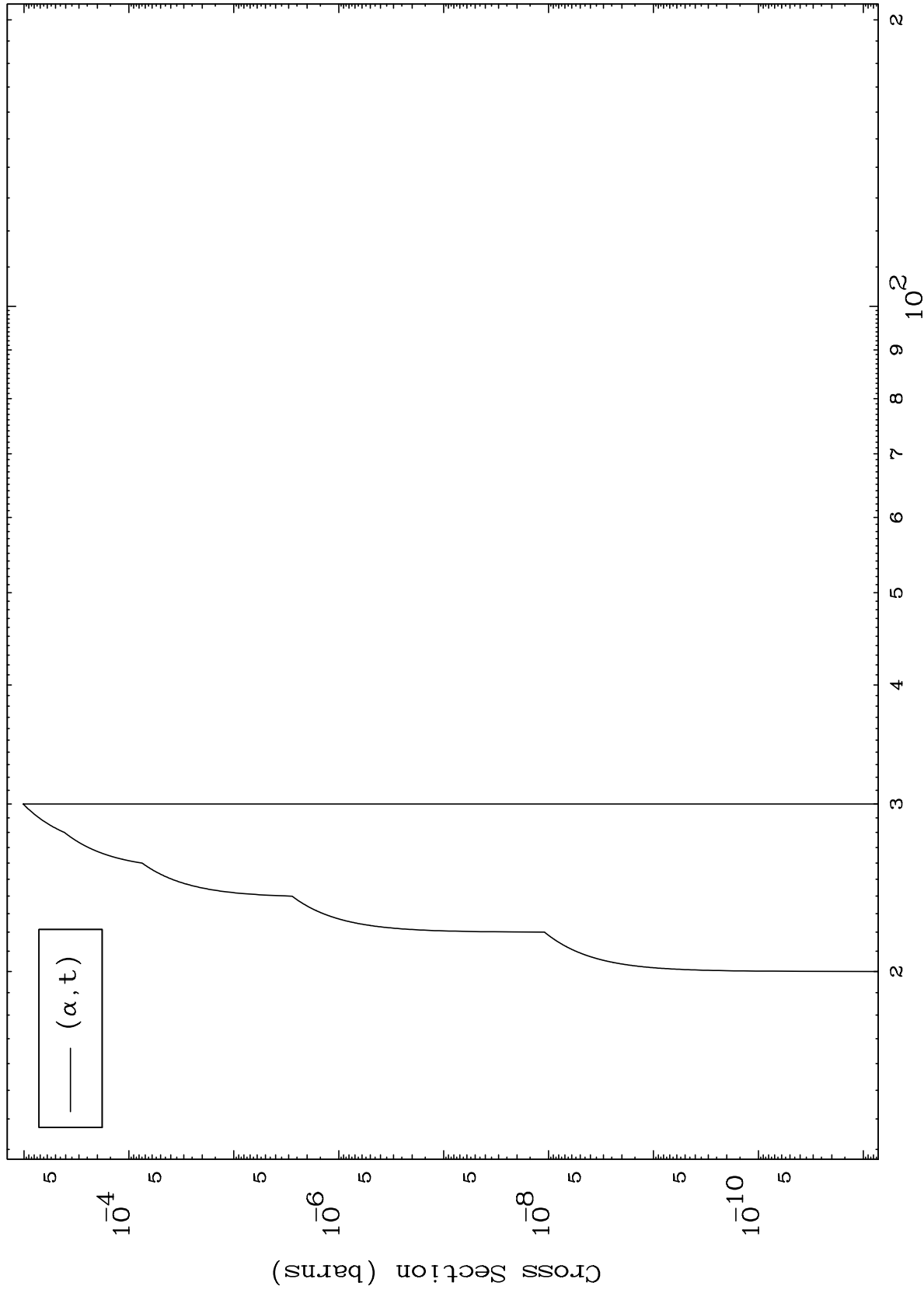
Incident Energy (MeV)

71-Lu-176

MAT 7129

⁷¹Lu-176

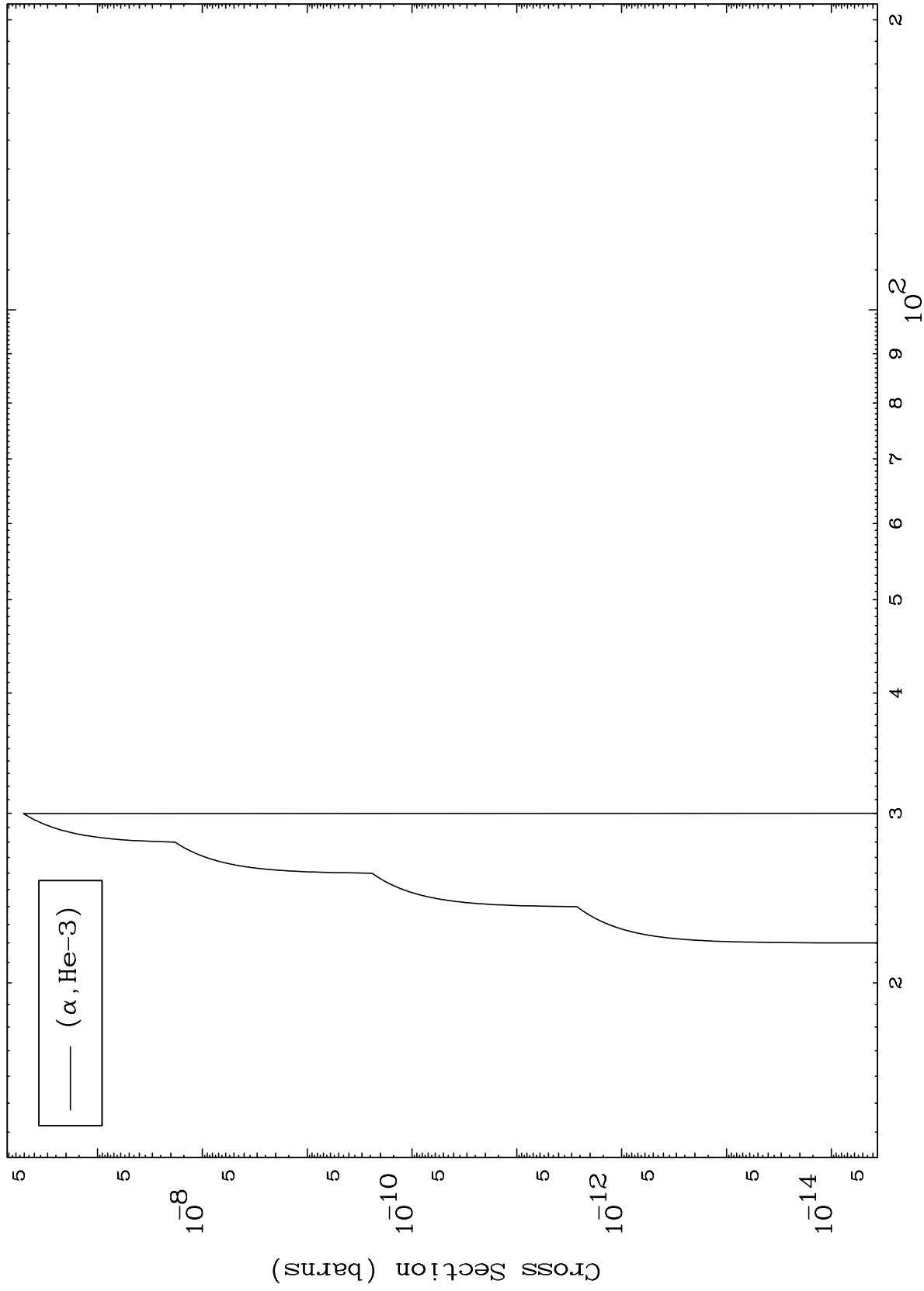
(α, t) Levels
0 Kelvin Cross Sections



8

⁷¹Lu-176

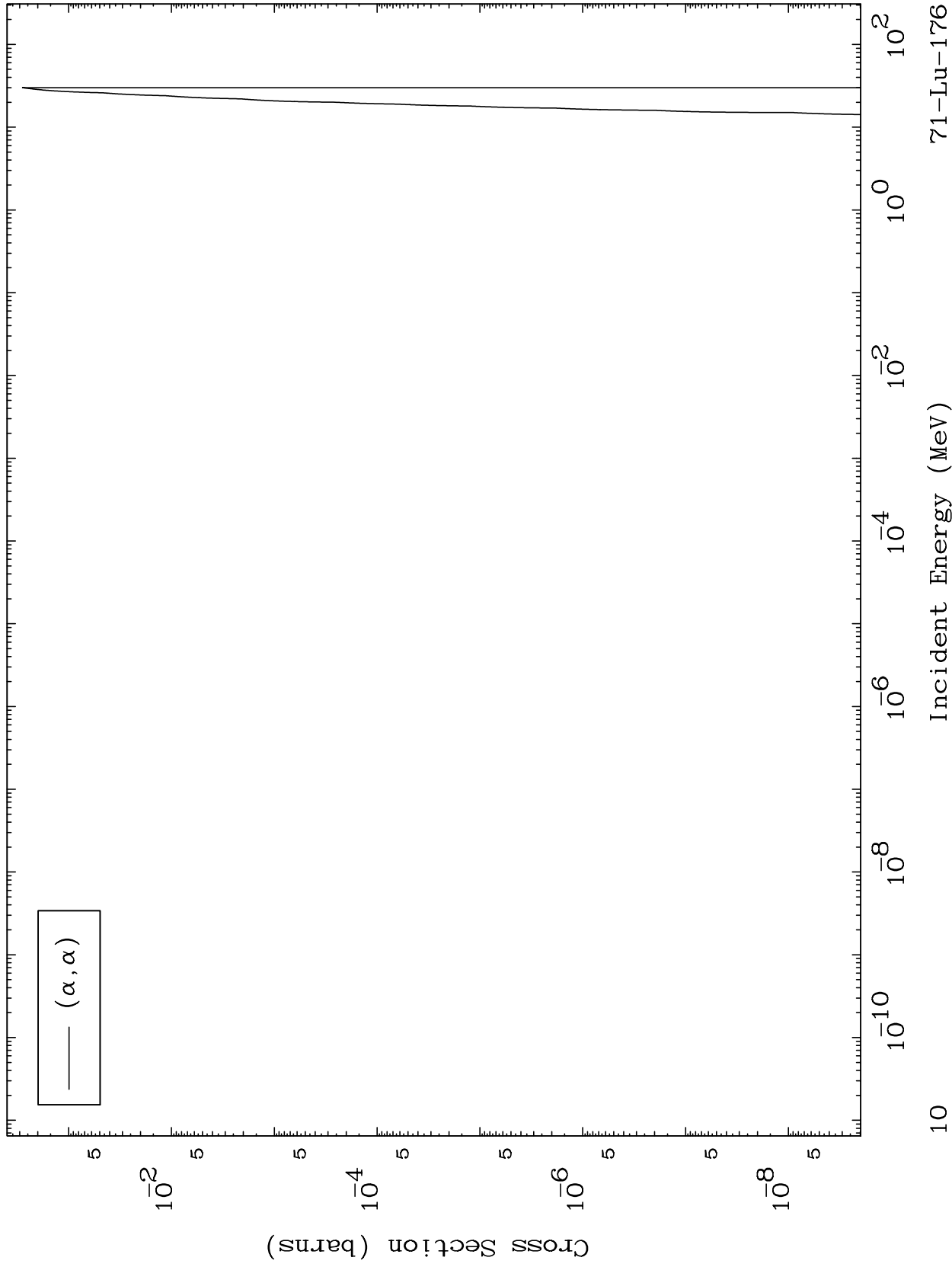
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 7129

(α, α) Levels
0 Kelvin Cross Sections

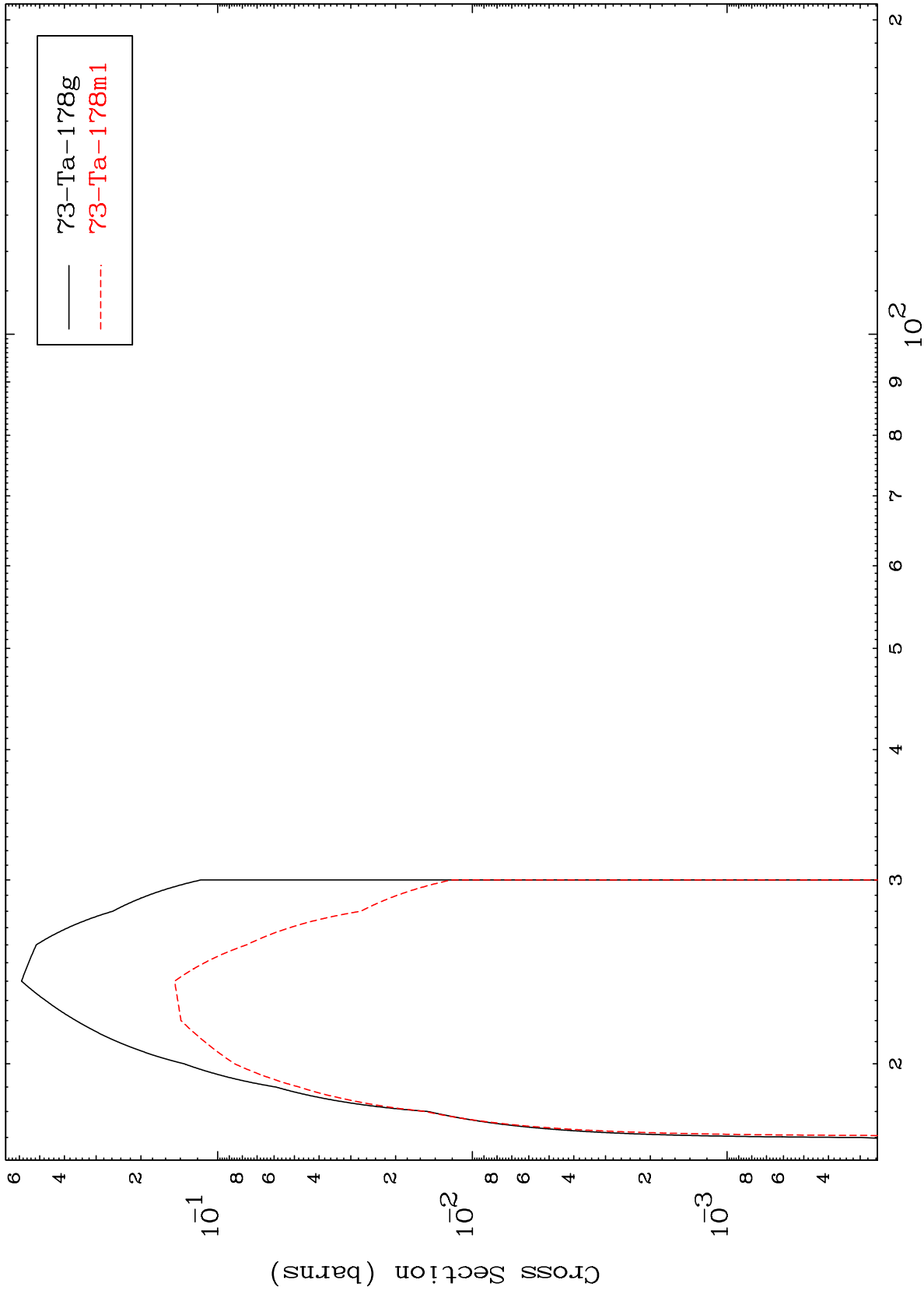
71-Lu-176



MAT 7129

71-Lu-176

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



11

Incident Energy (MeV)

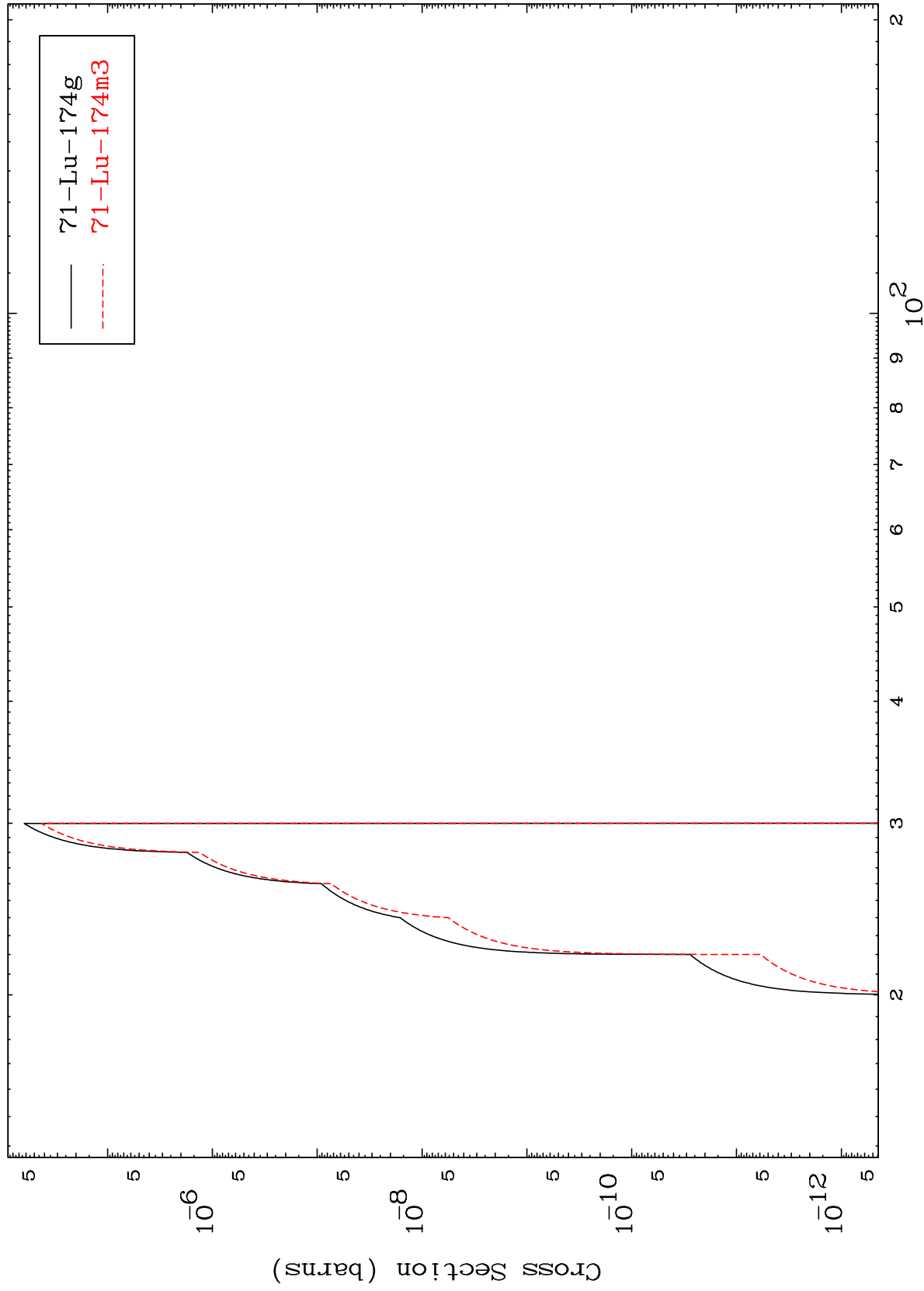
71-Lu-176

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$(\alpha, 2n) \alpha$

$^{71}\text{Lu-176}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

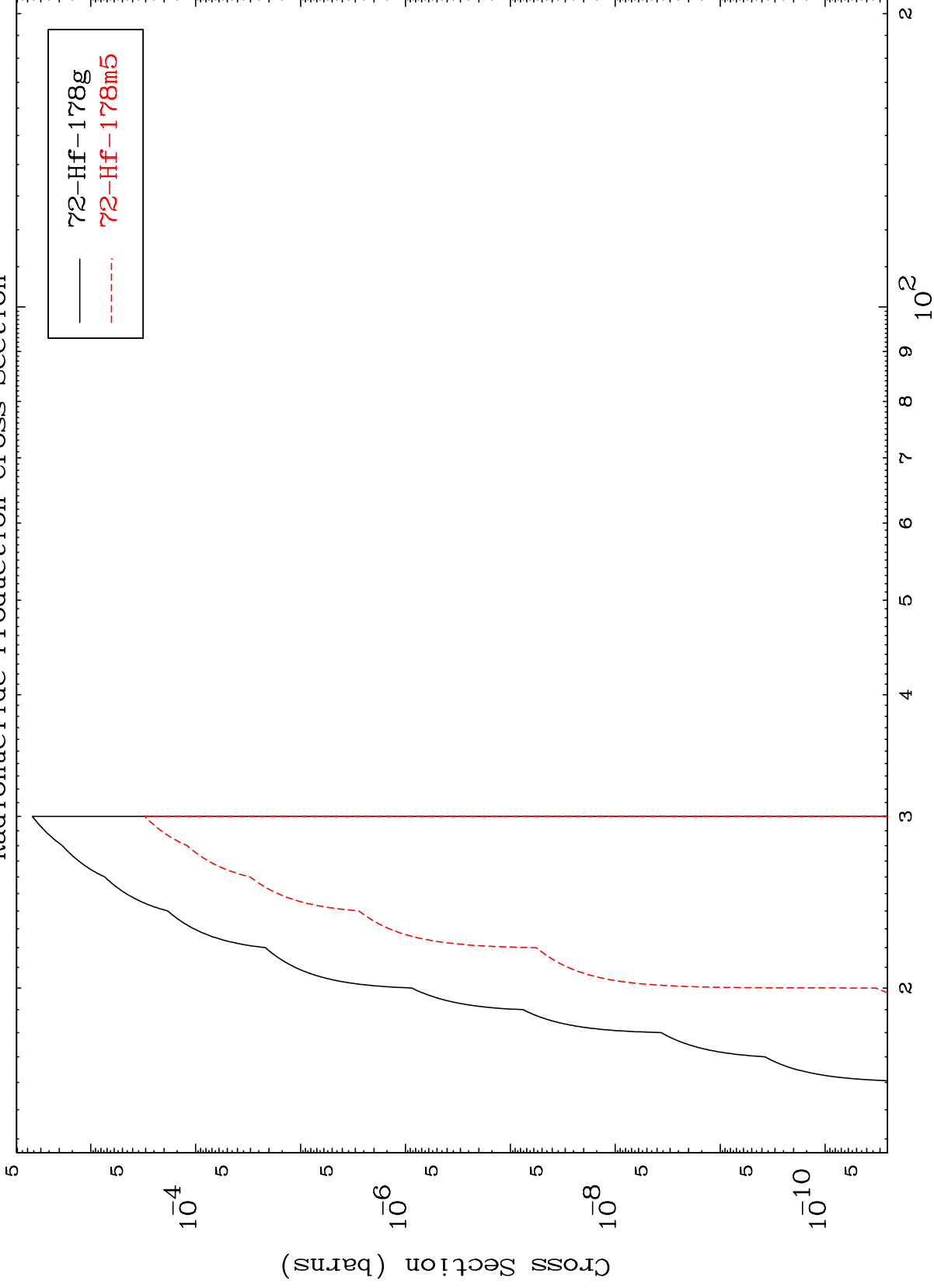
$^{71}\text{Lu-176}$

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(α, n') p

⁷¹Lu-176

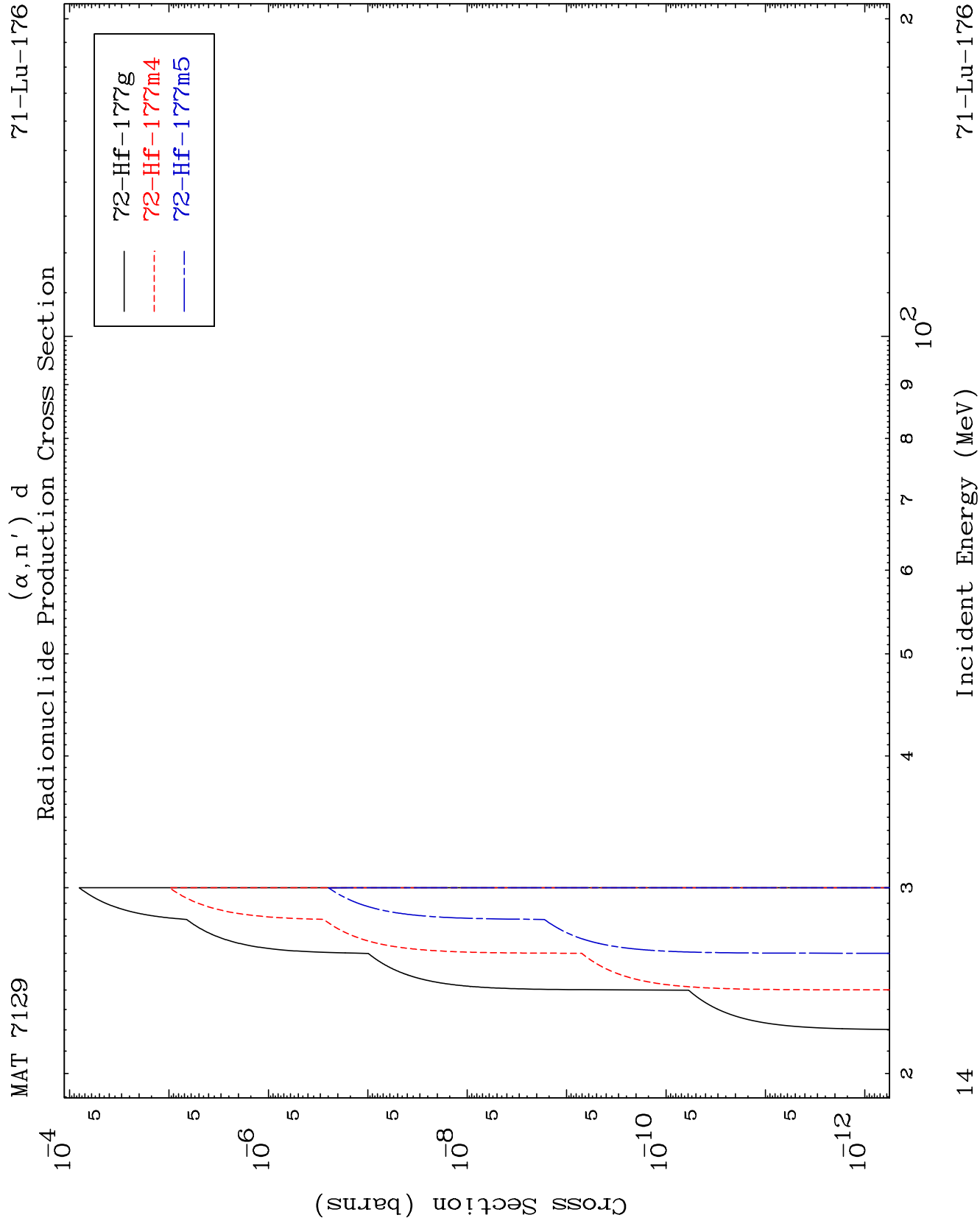
Radionuclide Production Cross Section



13

Incident Energy (MeV)

⁷¹Lu-176

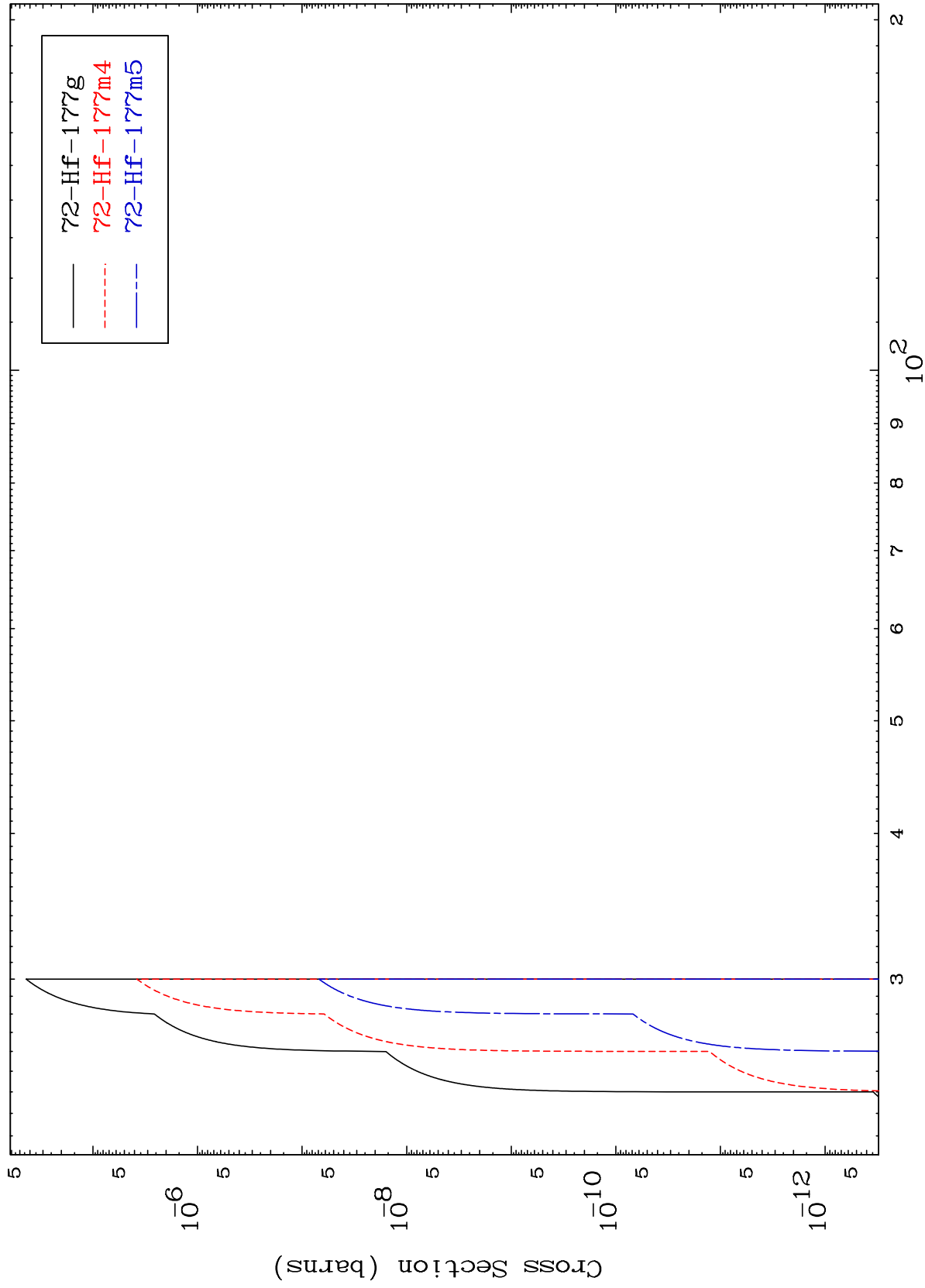


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$(\alpha, 2n)$ p

$^{71}\text{Lu-176}$

Radionuclide Production Cross Section



15

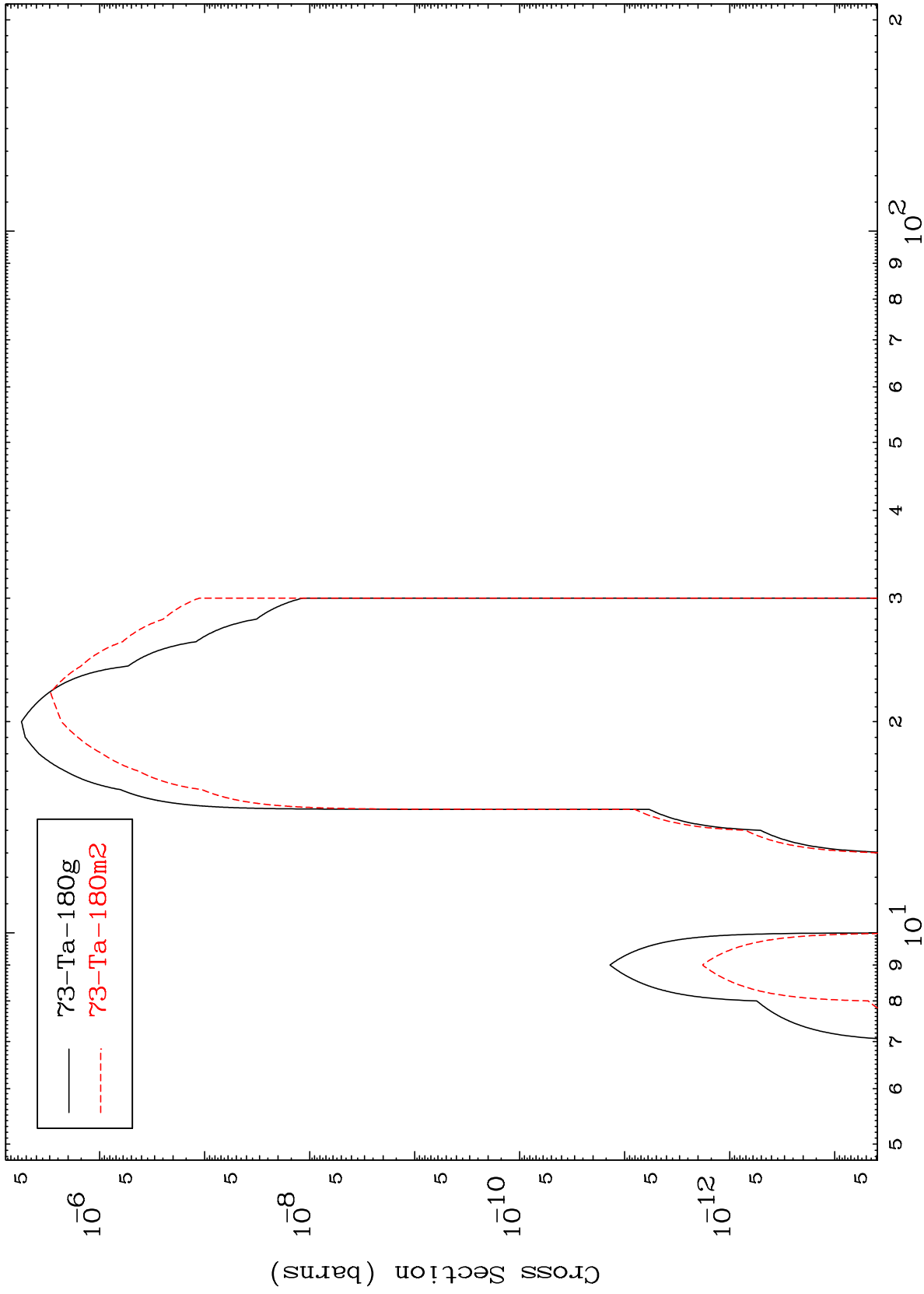
Incident Energy (MeV)

$^{71}\text{Lu-176}$

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71-Lu-176

(α, γ)
Radionuclide Production Cross Section



16

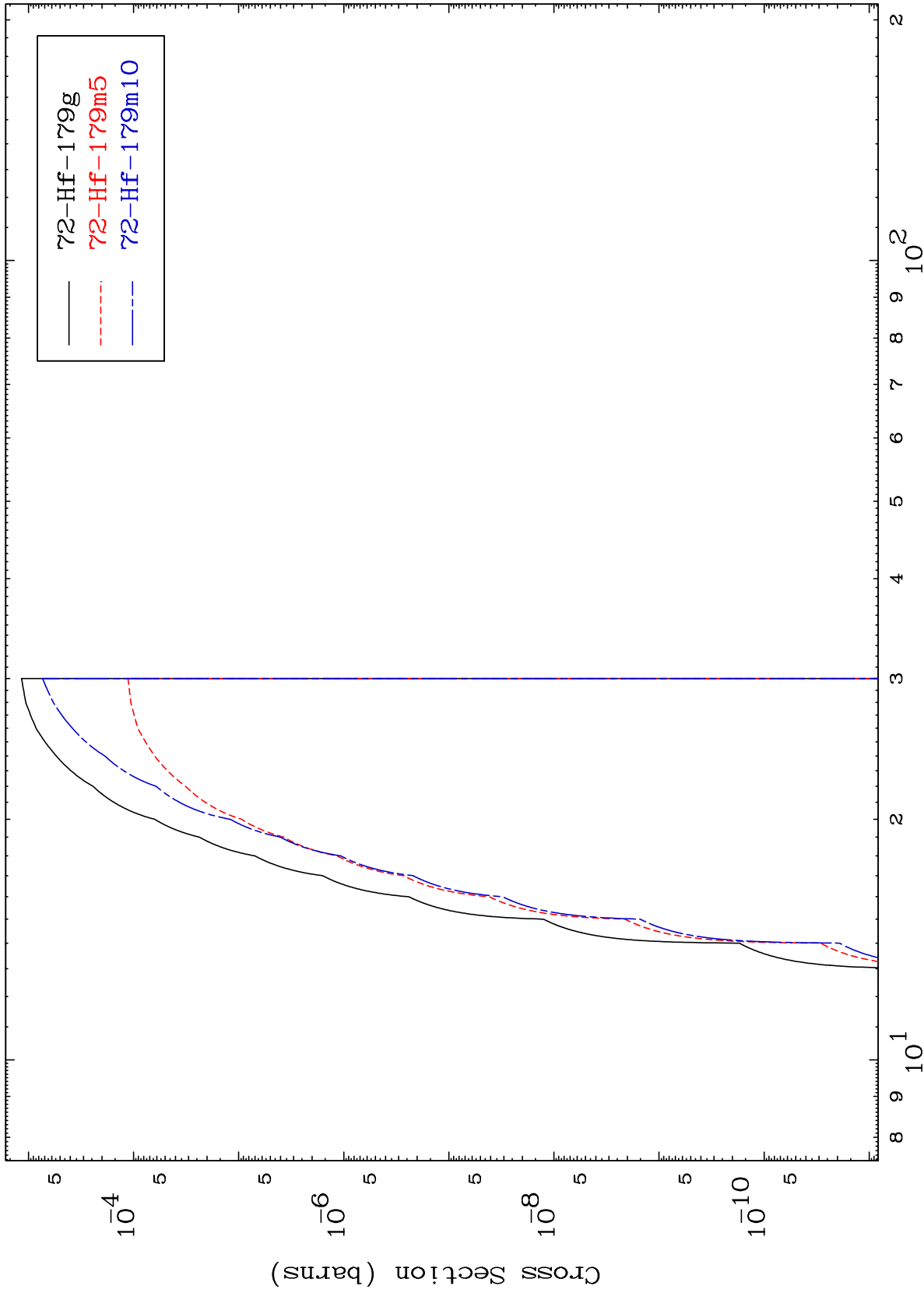
Incident Energy (MeV)

71-Lu-176

MAT 7129

71-Lu-176

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

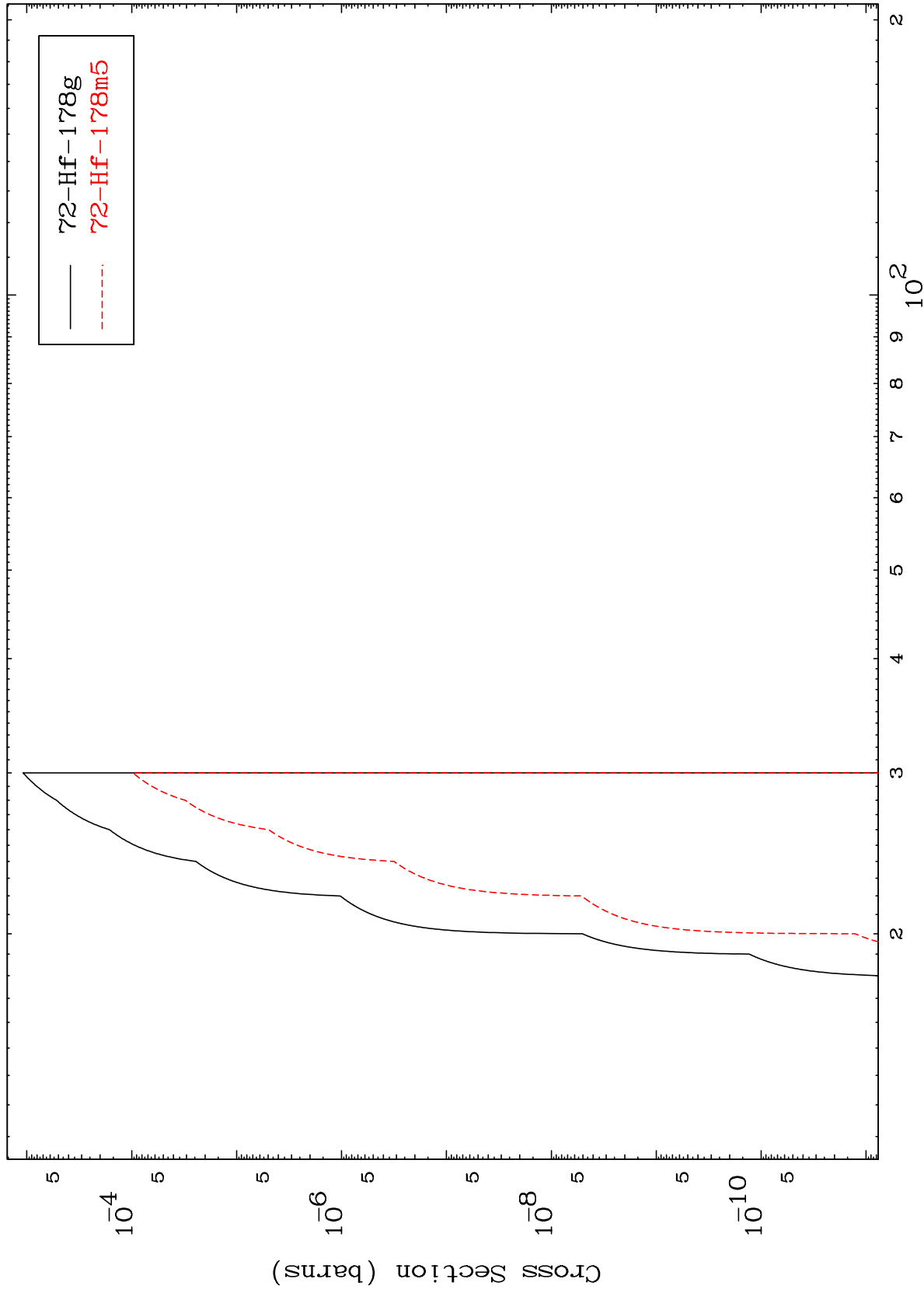
71-Lu-176

MAT 7129

(α, d)

⁷¹Lu-176

Radionuclide Production Cross Section

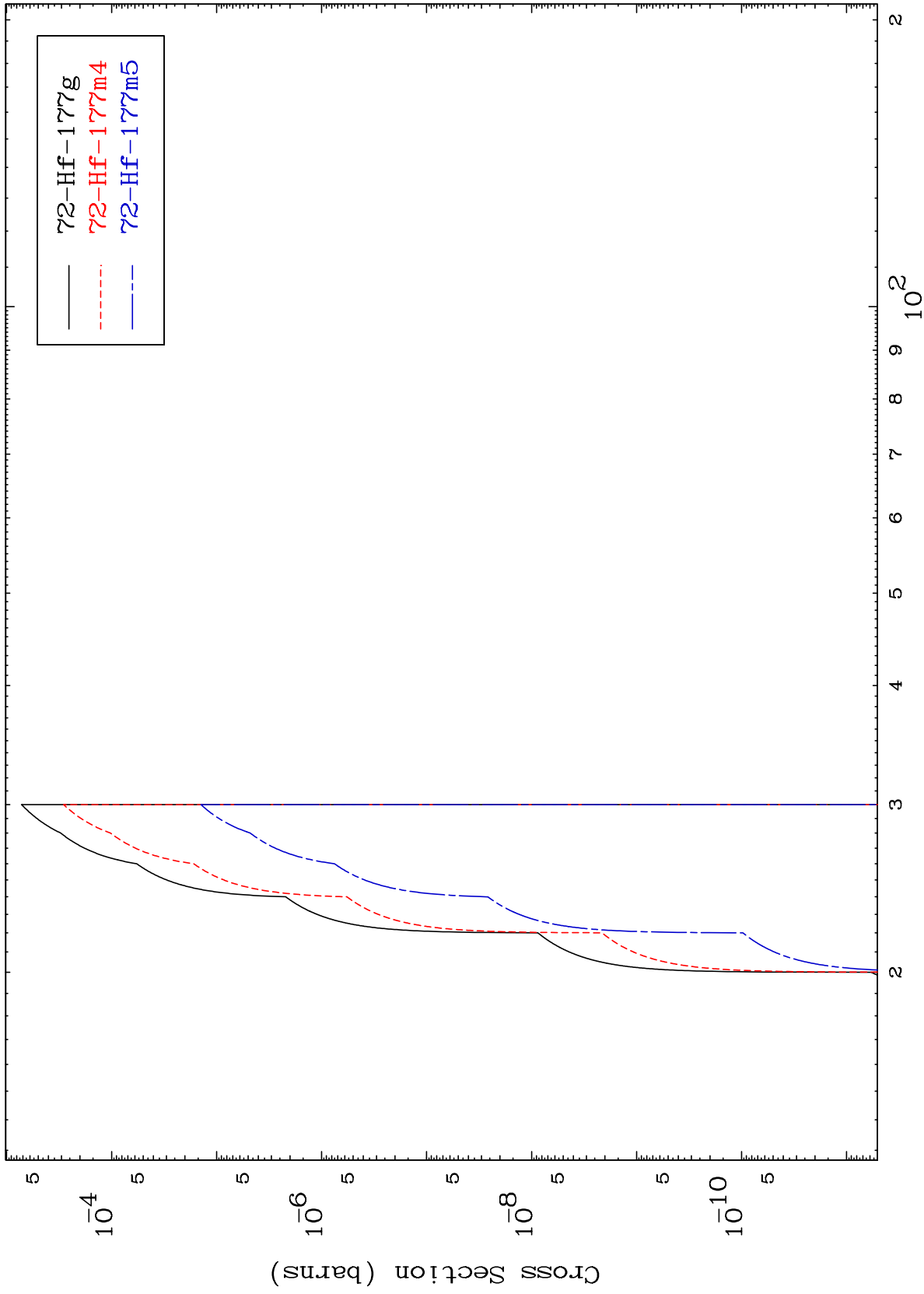


18

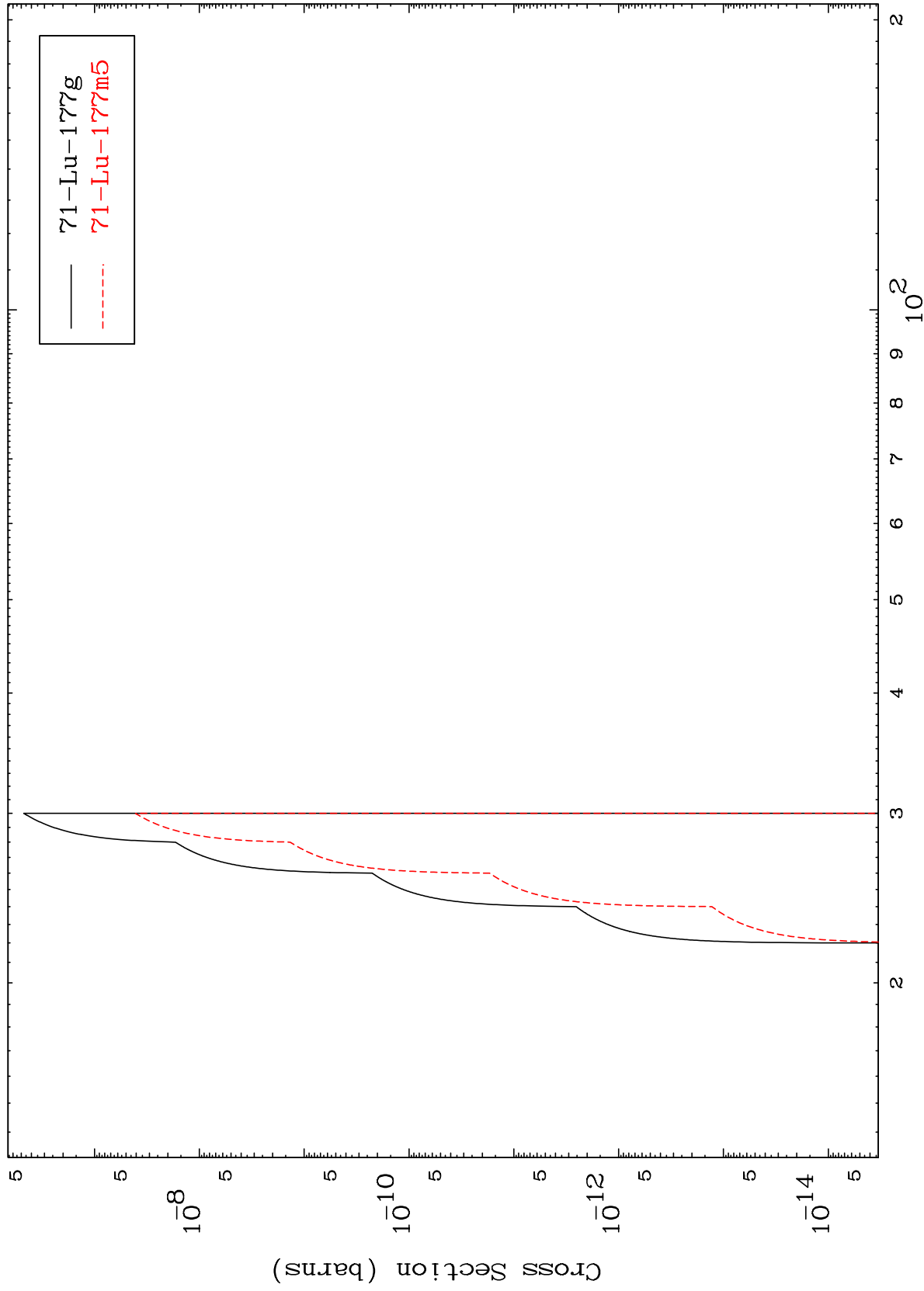
Incident Energy (MeV)

⁷¹Lu-176

(α, t)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

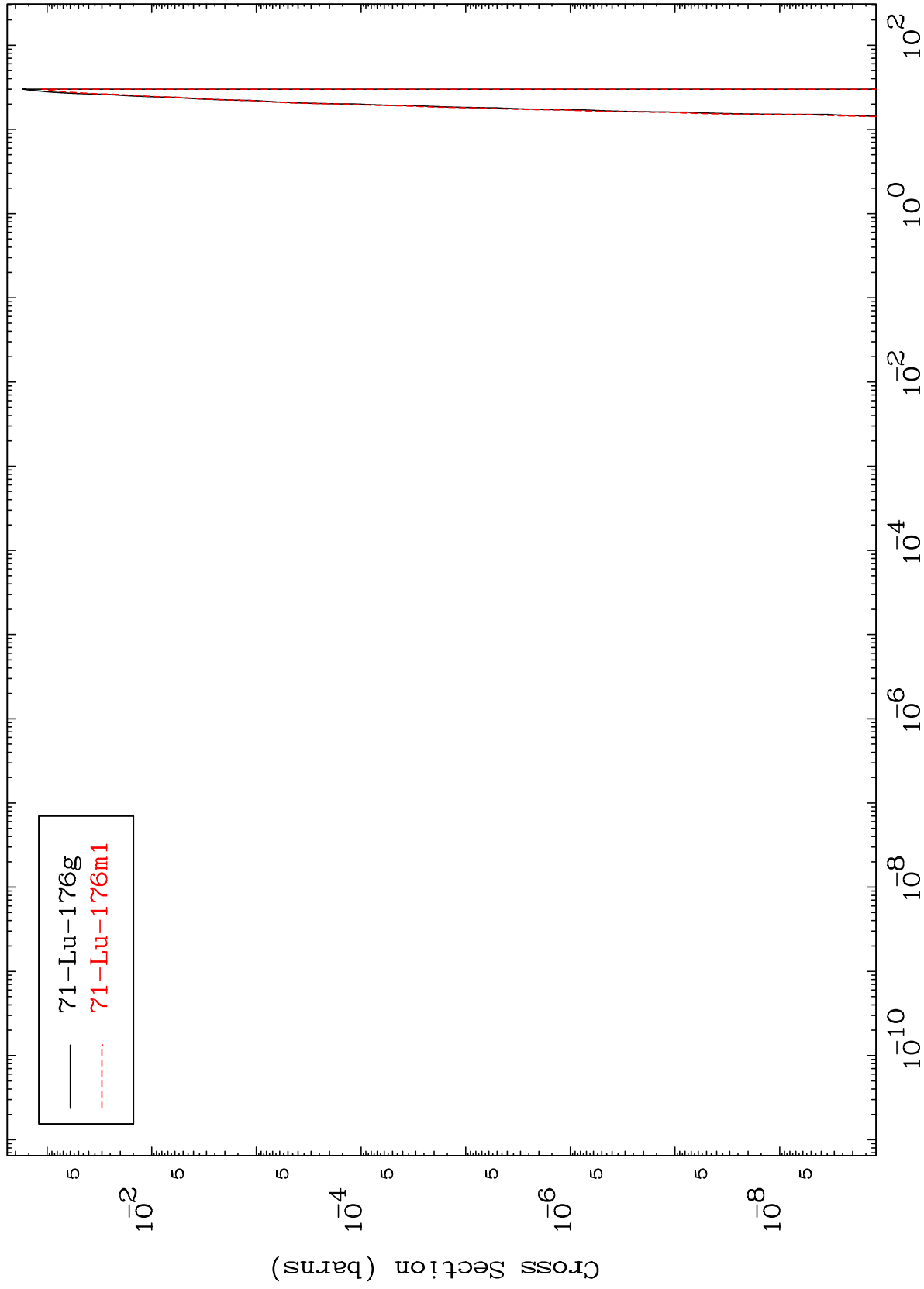


MAT 7129

(α, α)

$^{71}\text{Lu-176}$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

$^{71}\text{Lu-176}$