

Program EVALPLOT
(Version 2021-1)

by

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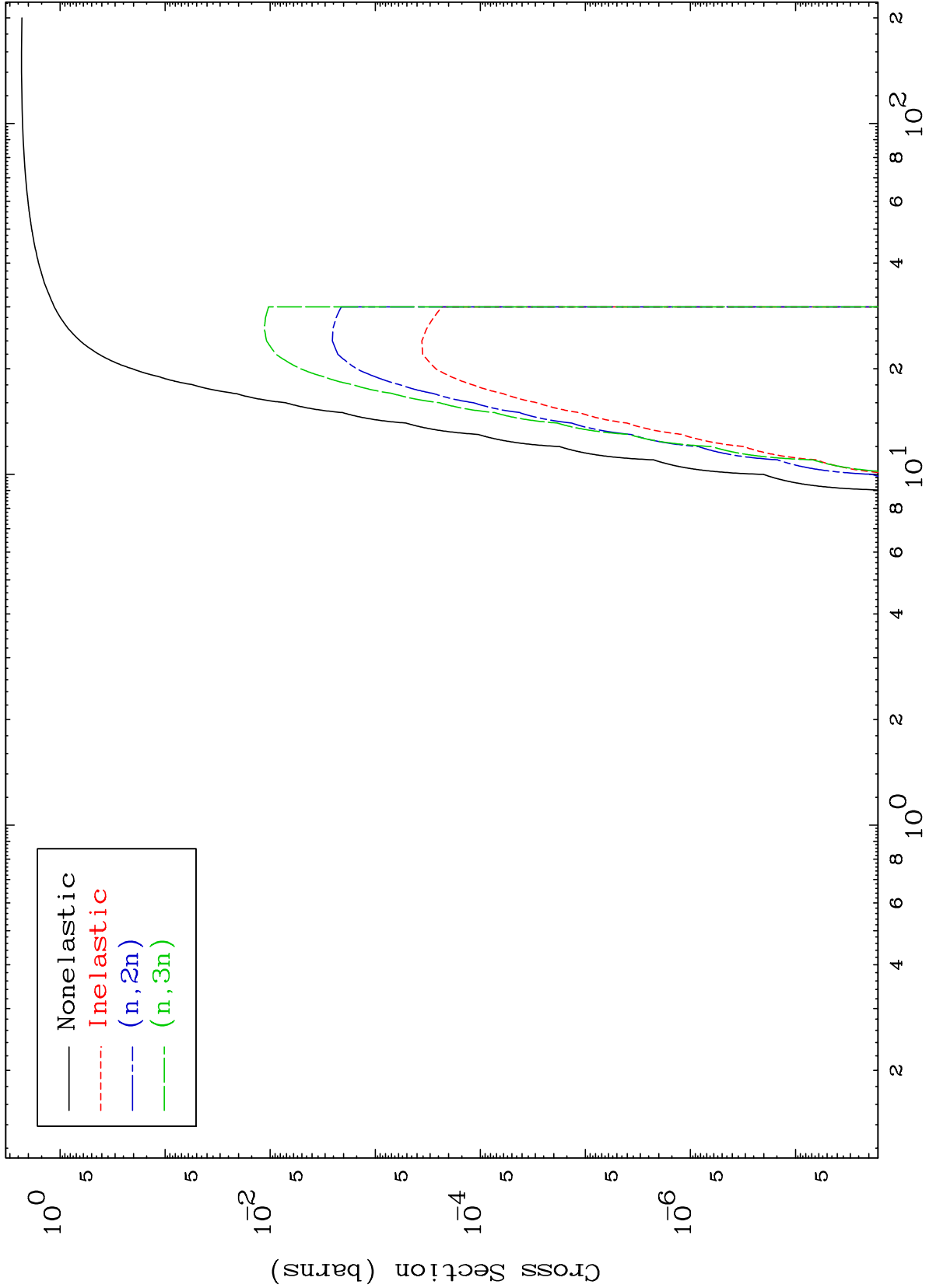
Press Mouse Button to Start

MAT 7143

He-3 Major

0 Kelvin Cross Sections

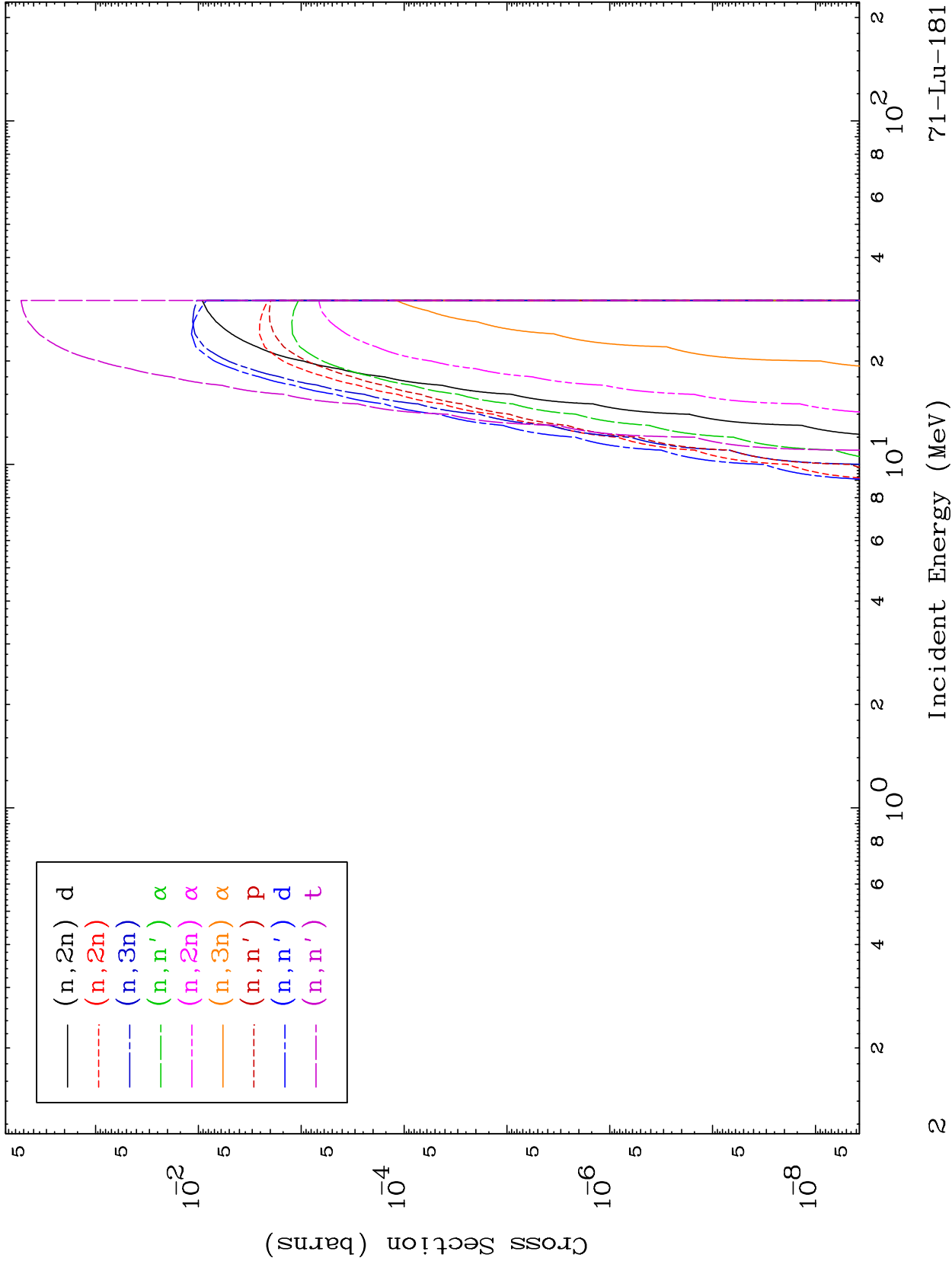
71-Lu-181



MAT 7143

He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-181



71-Lu-181

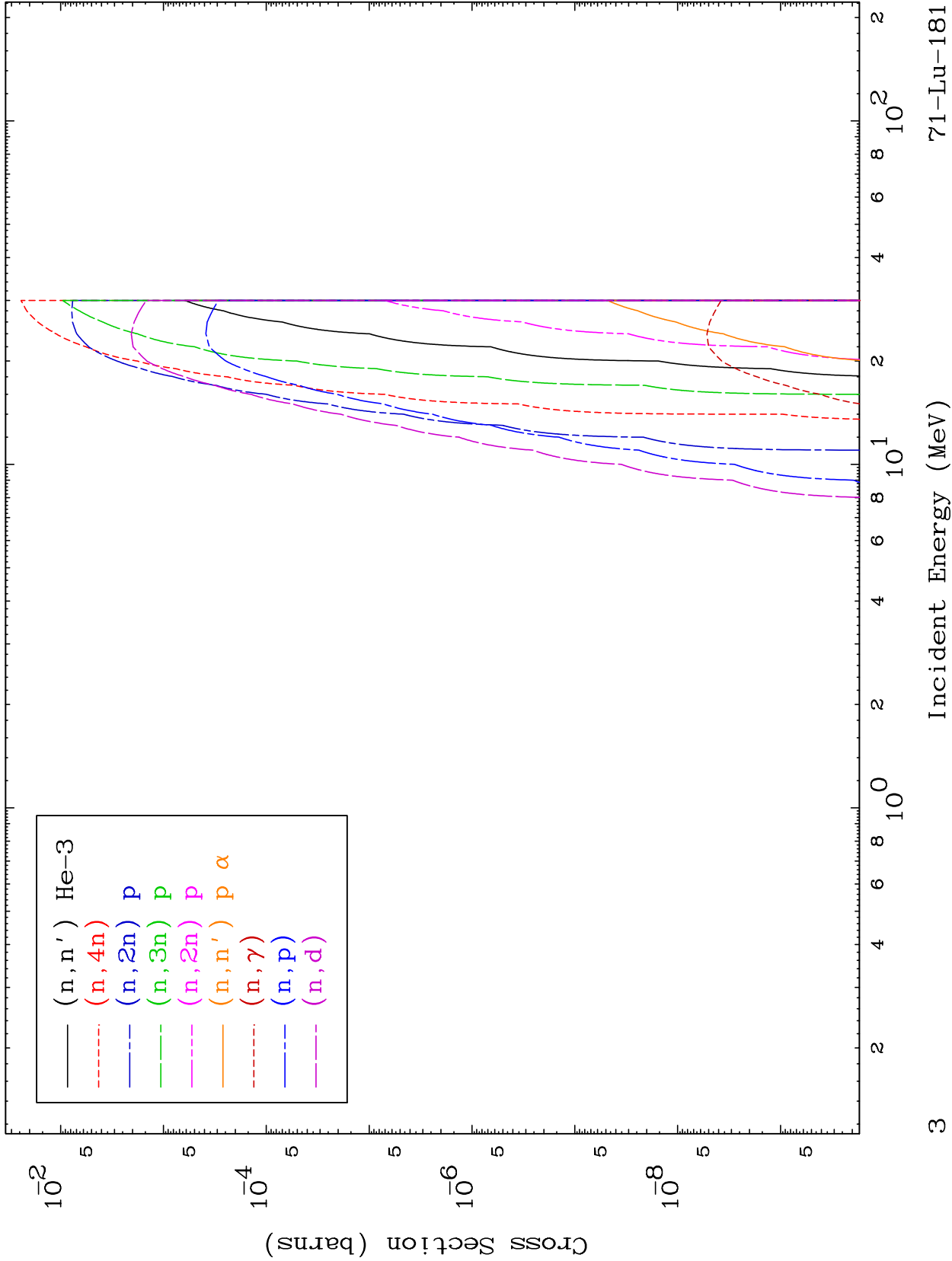
Incident Energy (MeV)

2

MAT 7143

He-3 Neutron Absorption
0 Kelvin Cross Sections

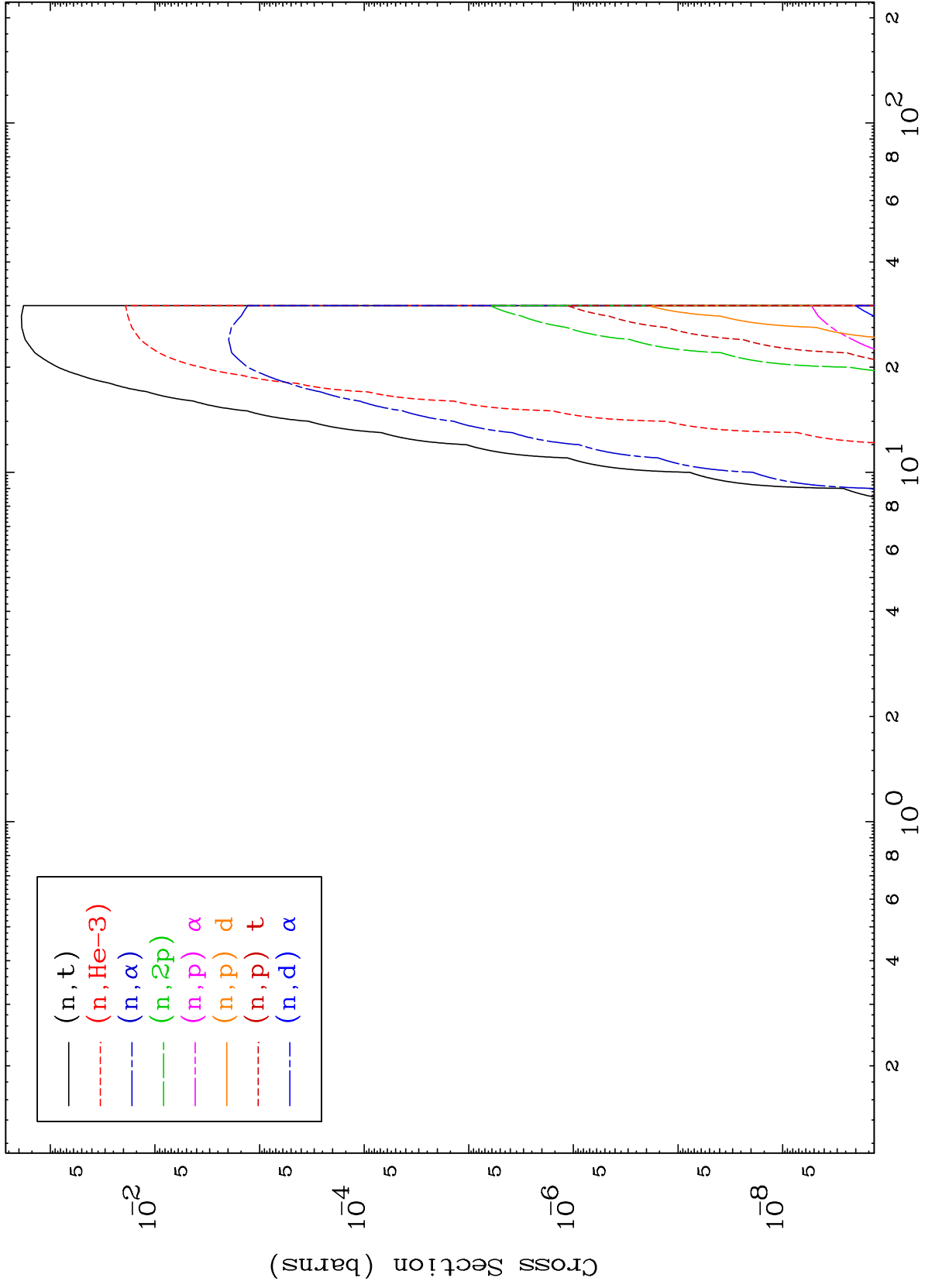
71-Lu-181

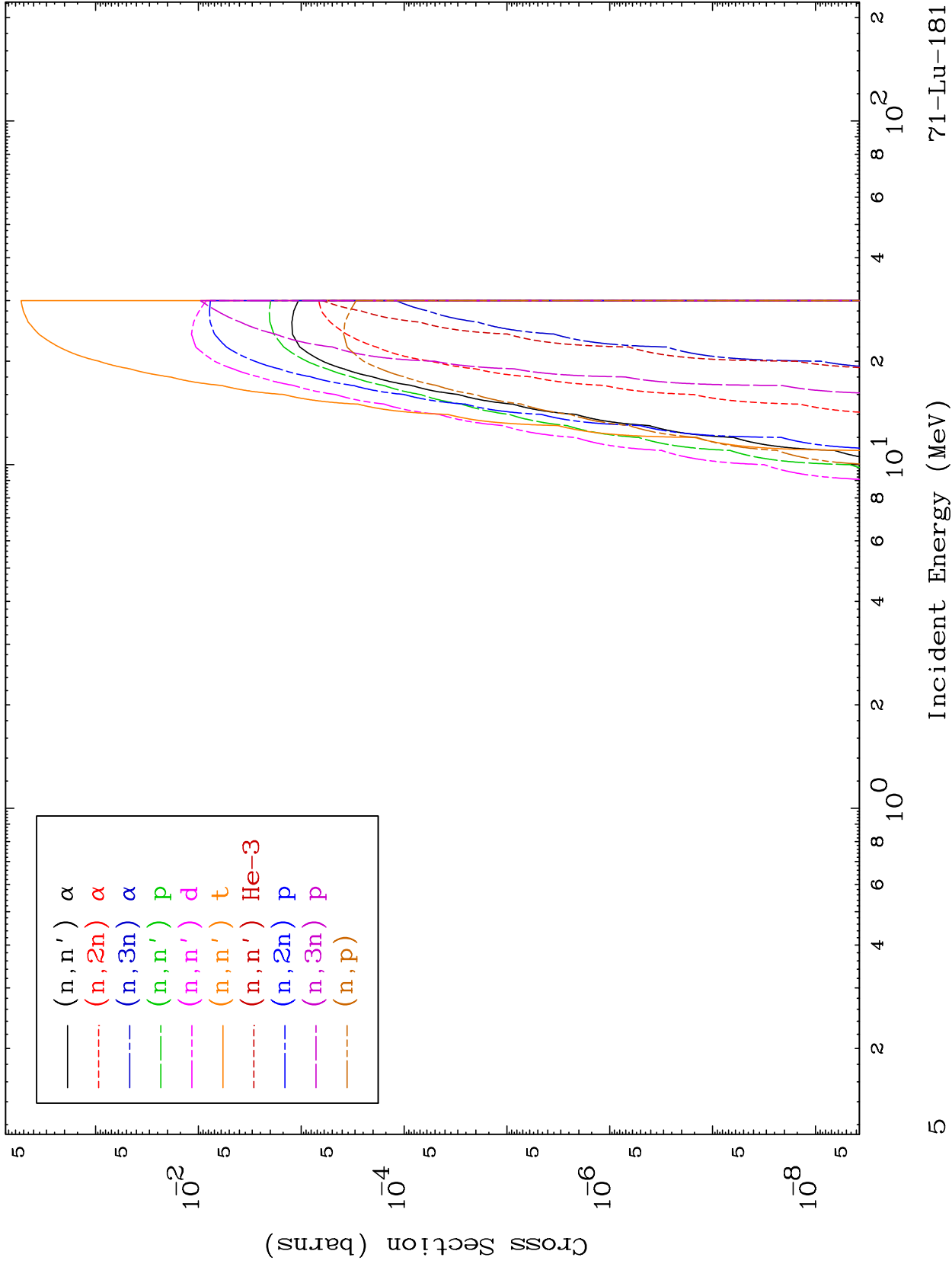


MAT 7143

He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-181

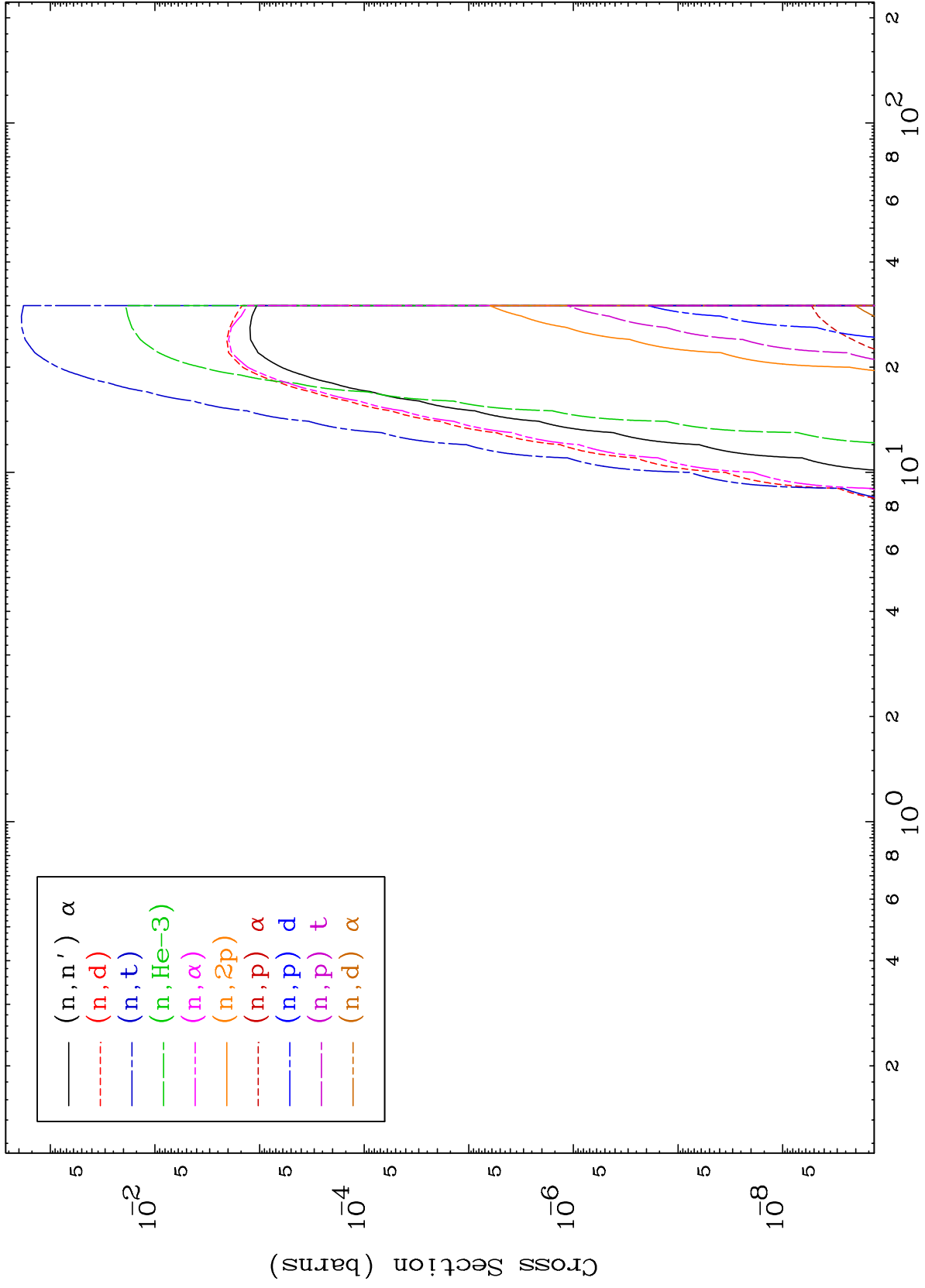




MAT 7143

He-3 Charged Particle
0 Kelvin Cross Sections

71-Lu-181

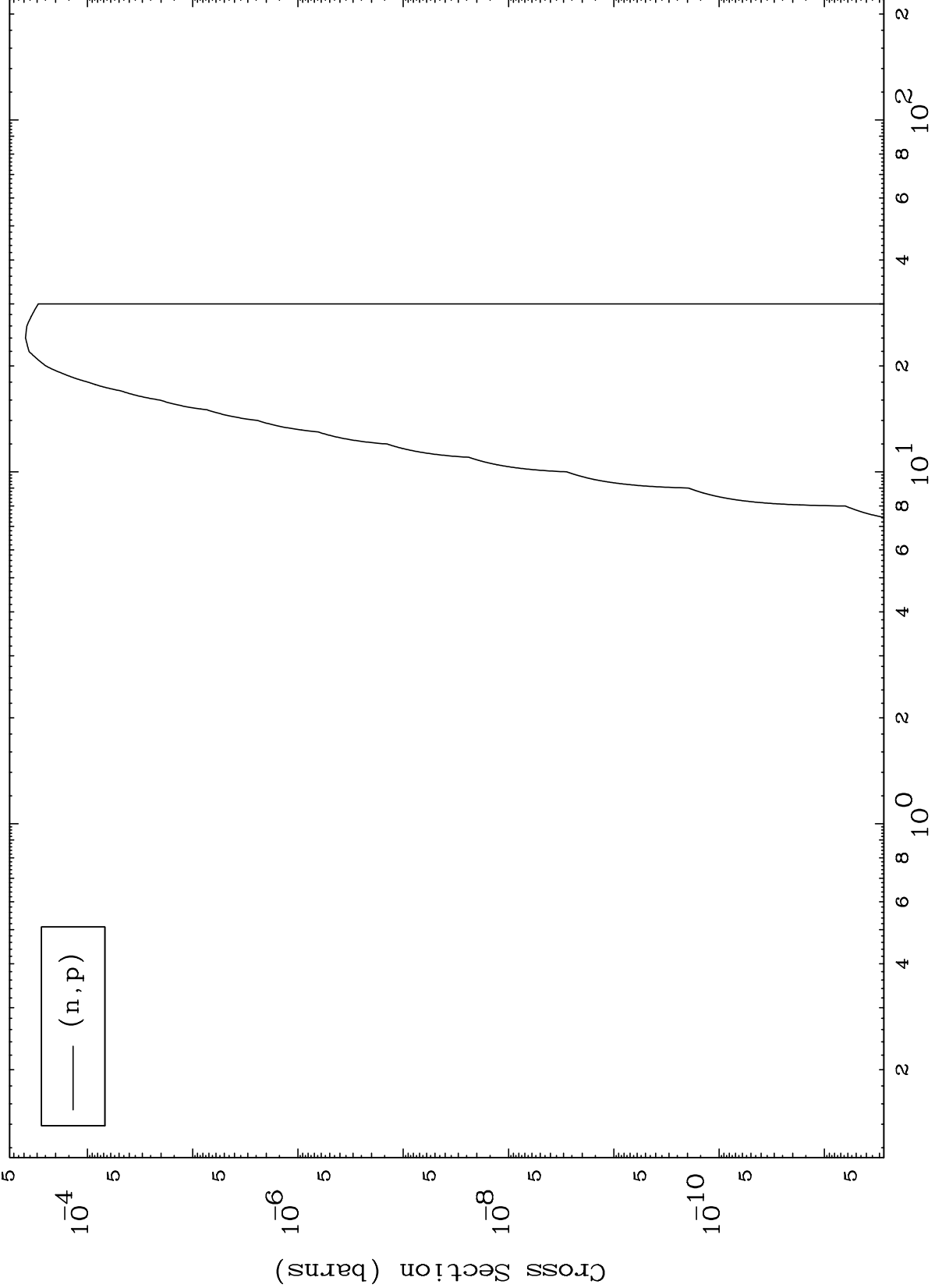


MAT 7143

(He-3,p) Levels

71-Lu-181

0 Kelvin Cross Sections

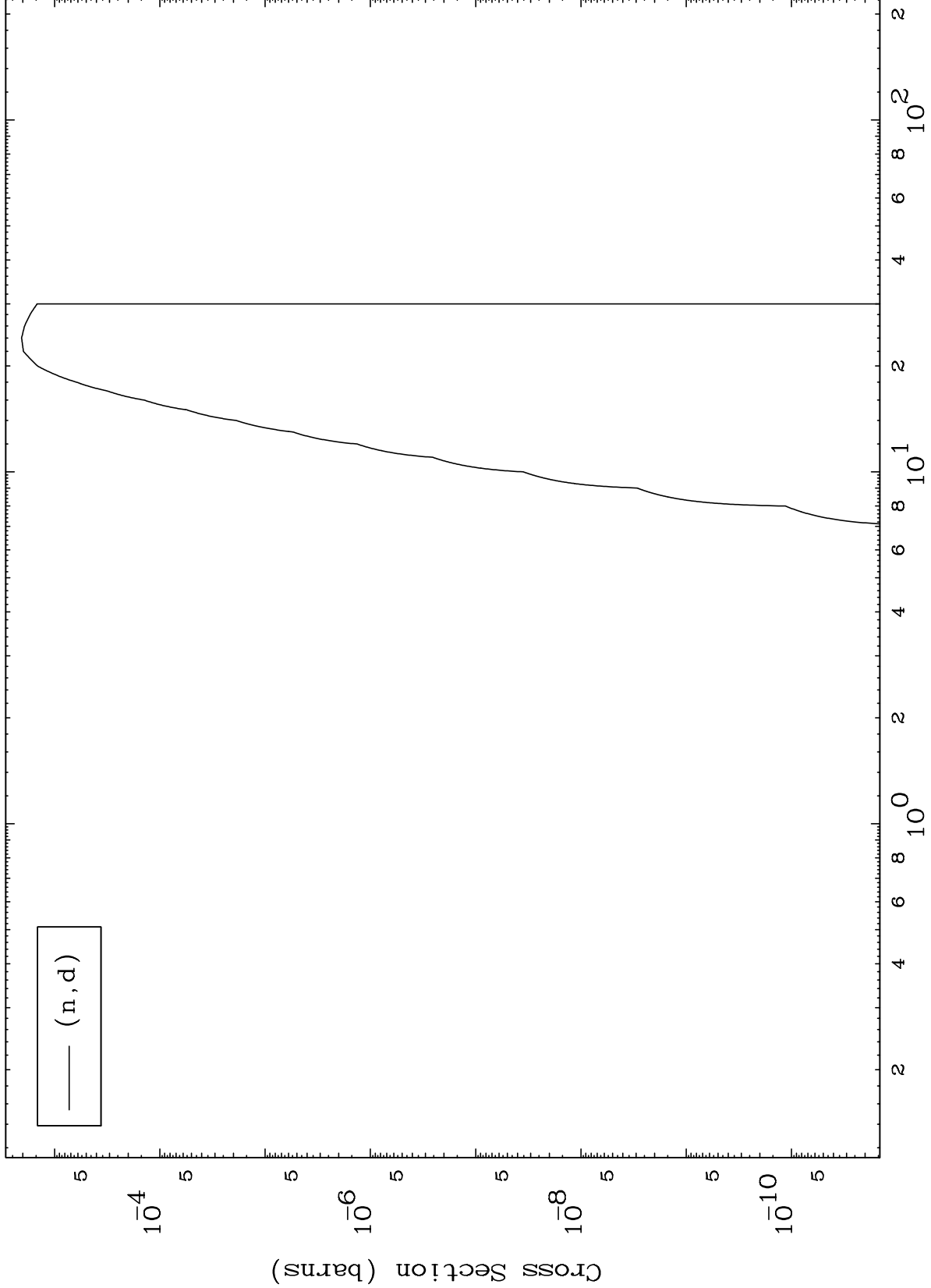


MAT 7143

(He-3,d) Levels

71-Lu-181

0 Kelvin Cross Sections

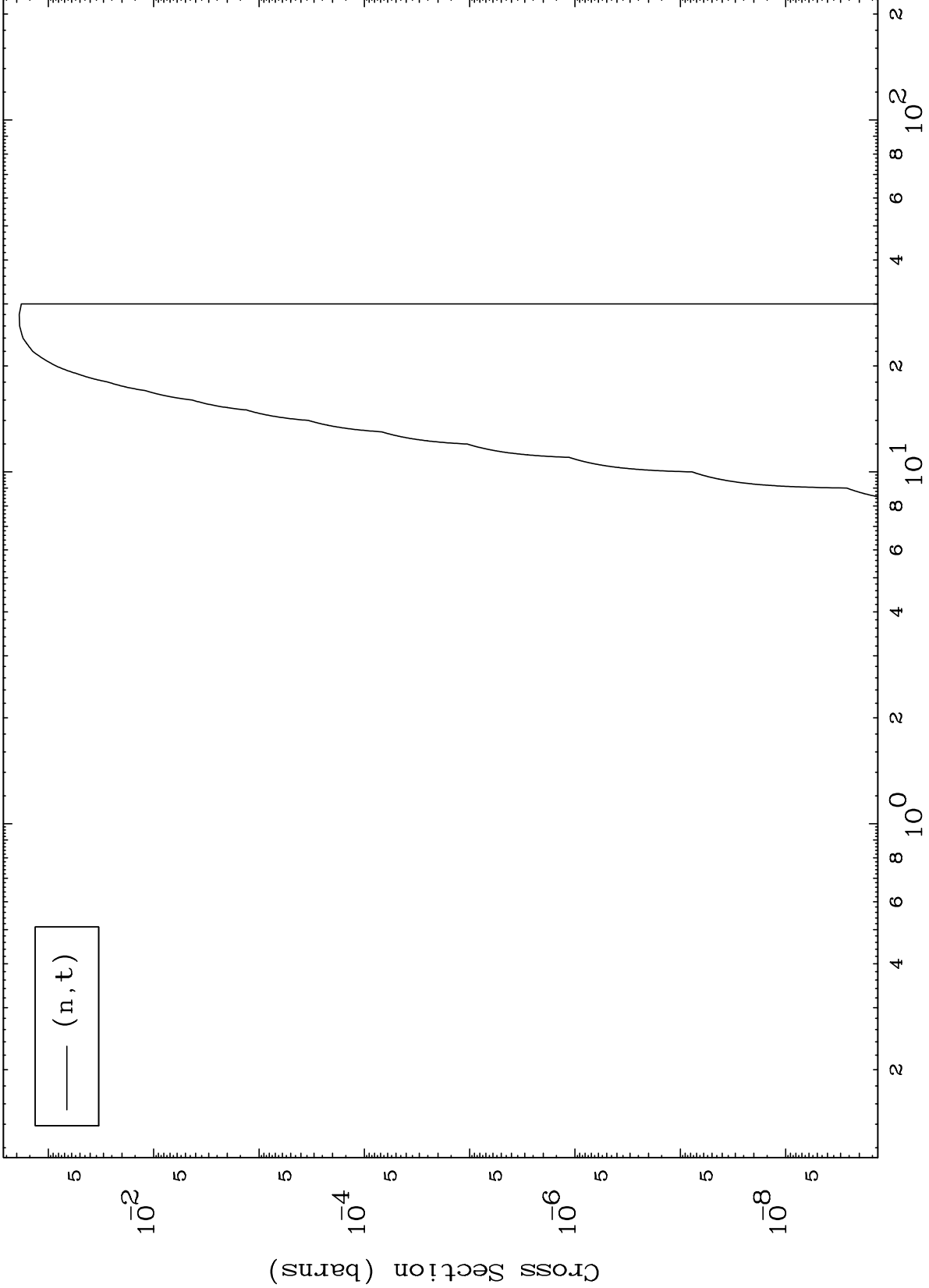


MAT 7143

(He-3,t) Levels

71-Lu-181

0 Kelvin Cross Sections

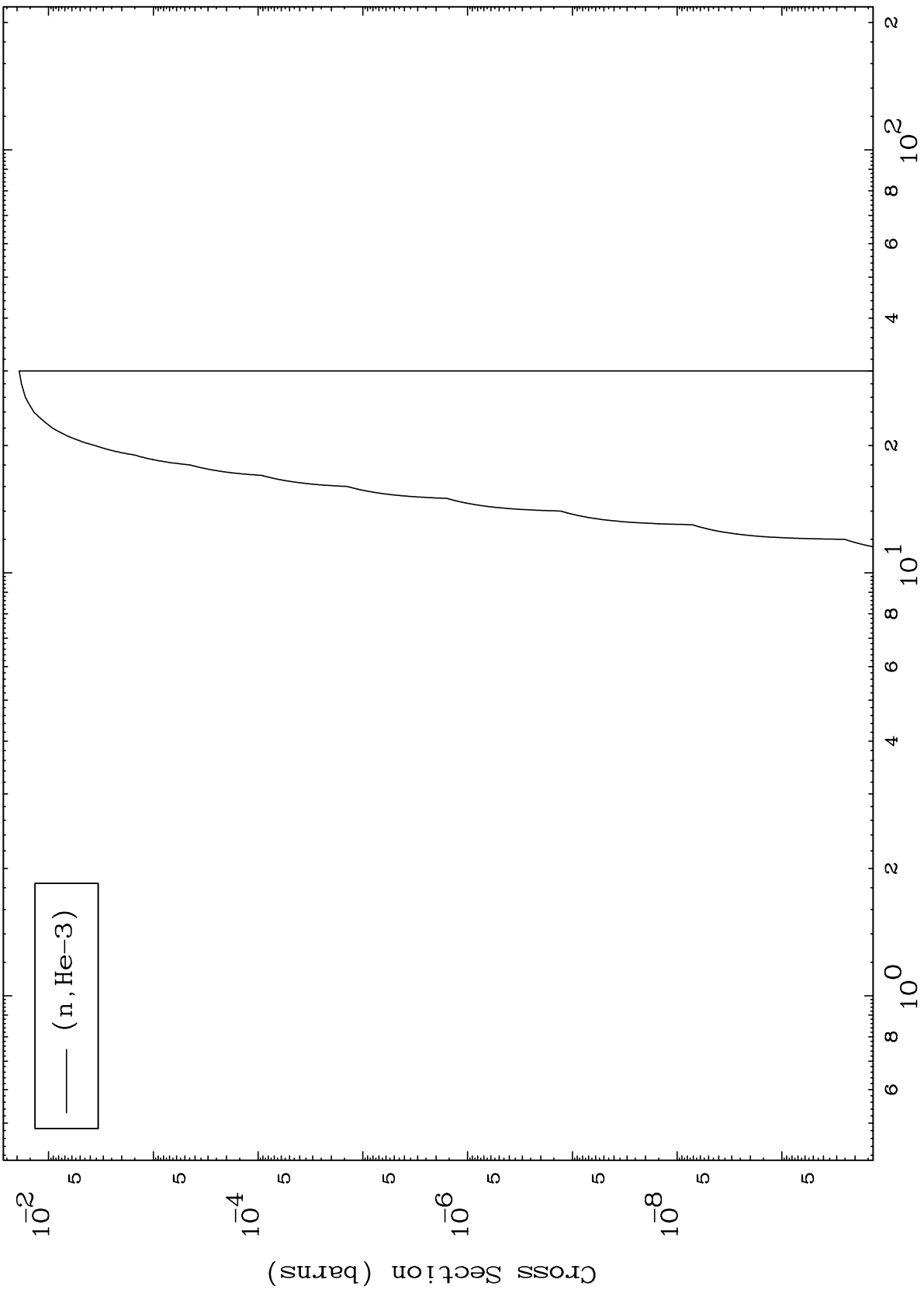


MAT 7143

(He-3, He3) Levels

71-Lu-181

0 Kelvin Cross Sections



10

Incident Energy (MeV)

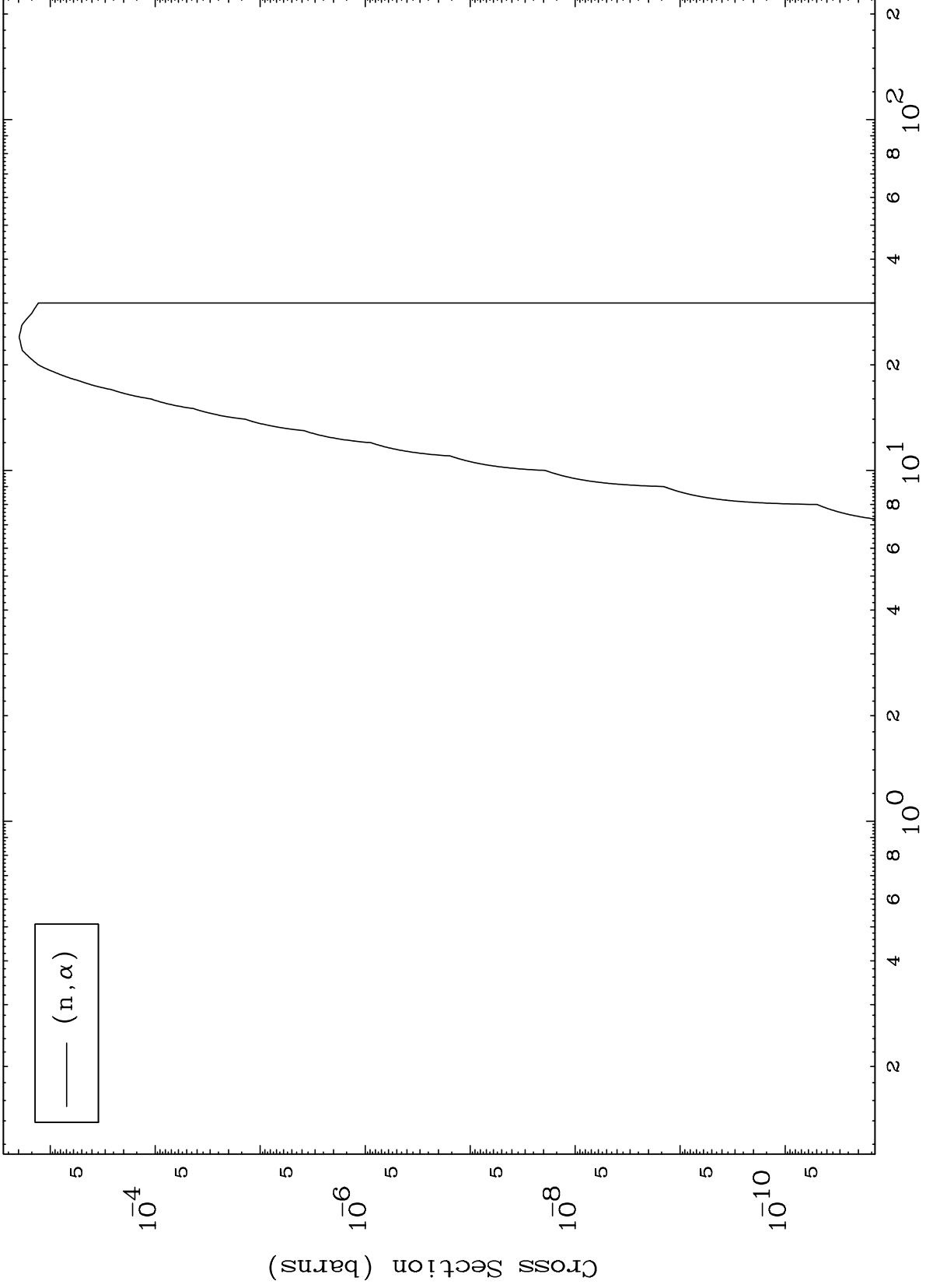
71-Lu-181

MAT 7143

(He-3, α) Levels

71-Lu-181

0 Kelvin Cross Sections

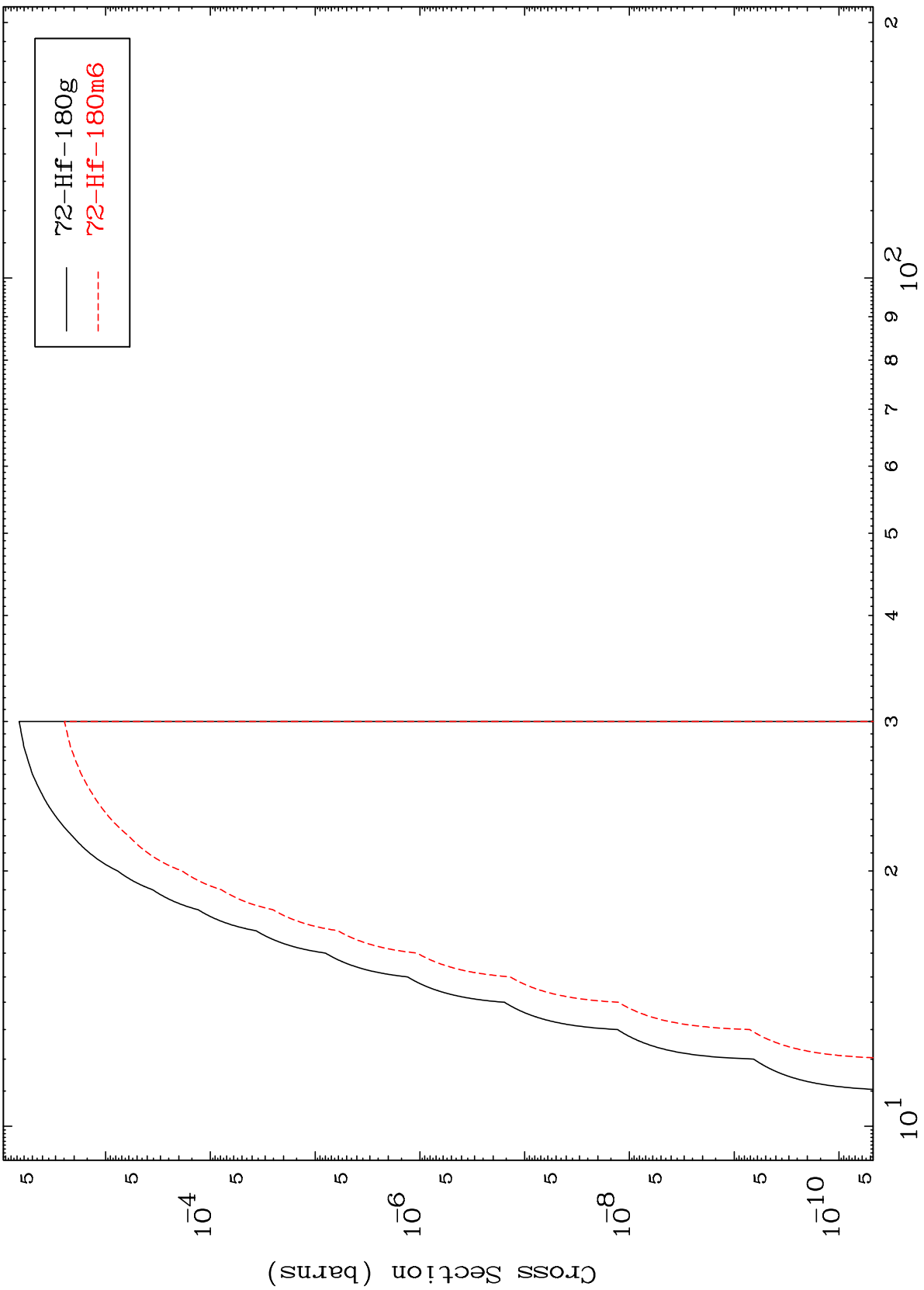


MAT 7143

(n,2n) d

71-Lu-181

Radionuclide Production Cross Section



Incident Energy (MeV)

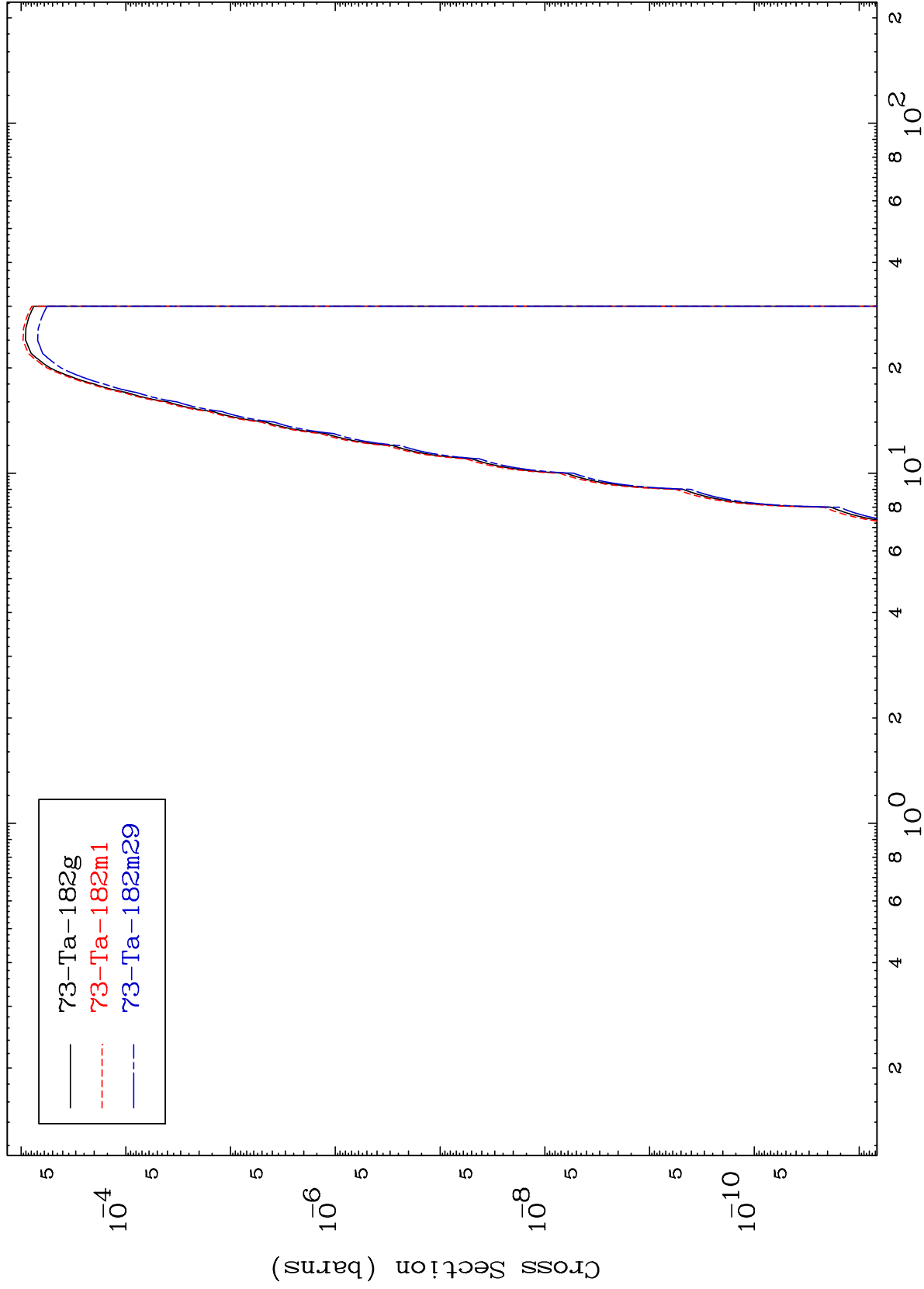
71-Lu-181

MAT 7143

71-Lu-181

(n,2n)

Radionuclide Production Cross Section



13

Incident Energy (MeV)

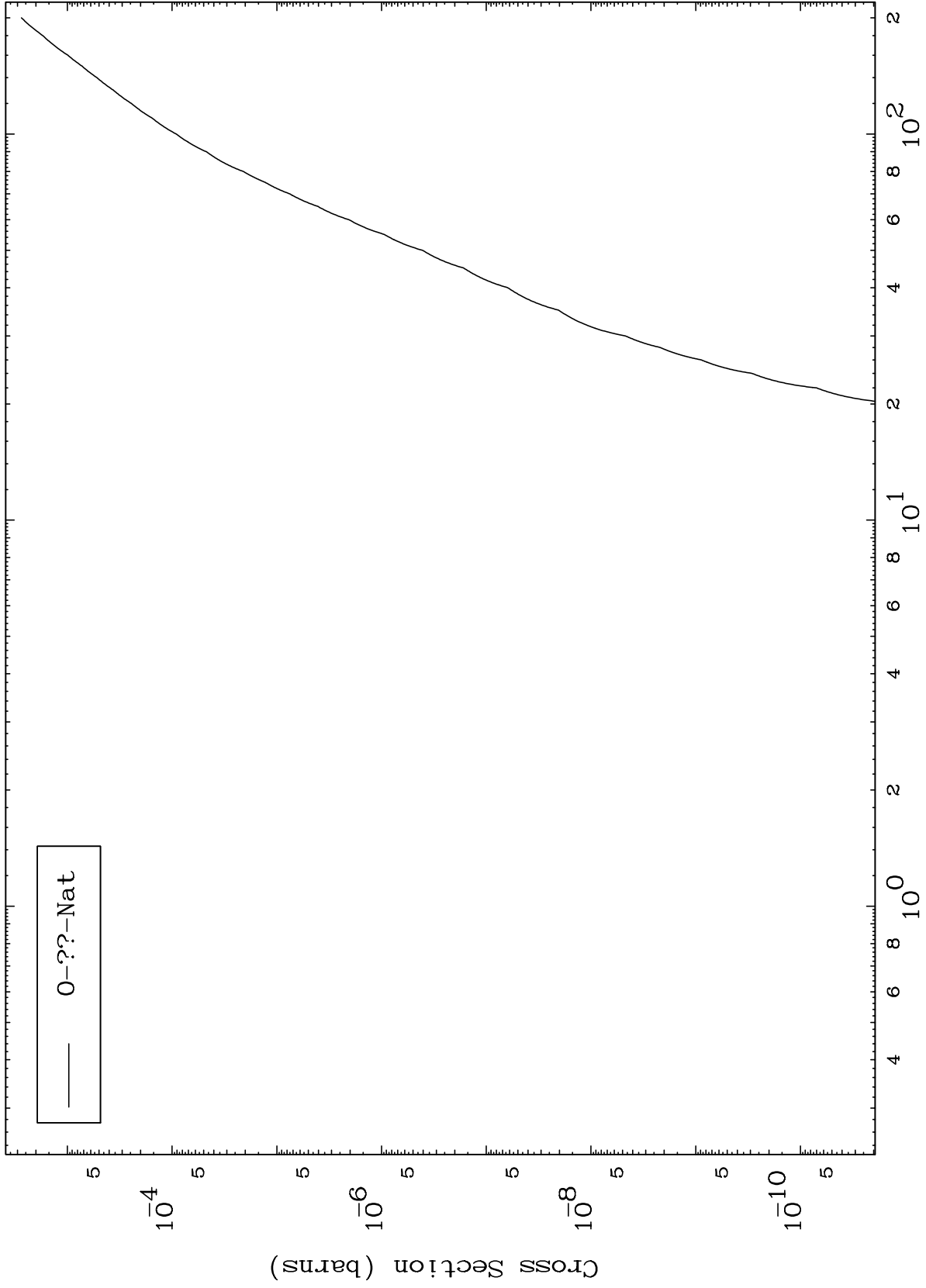
71-Lu-181

MAT 7143

Fission

⁷¹Lu-181

Radionuclide Production Cross Section



14

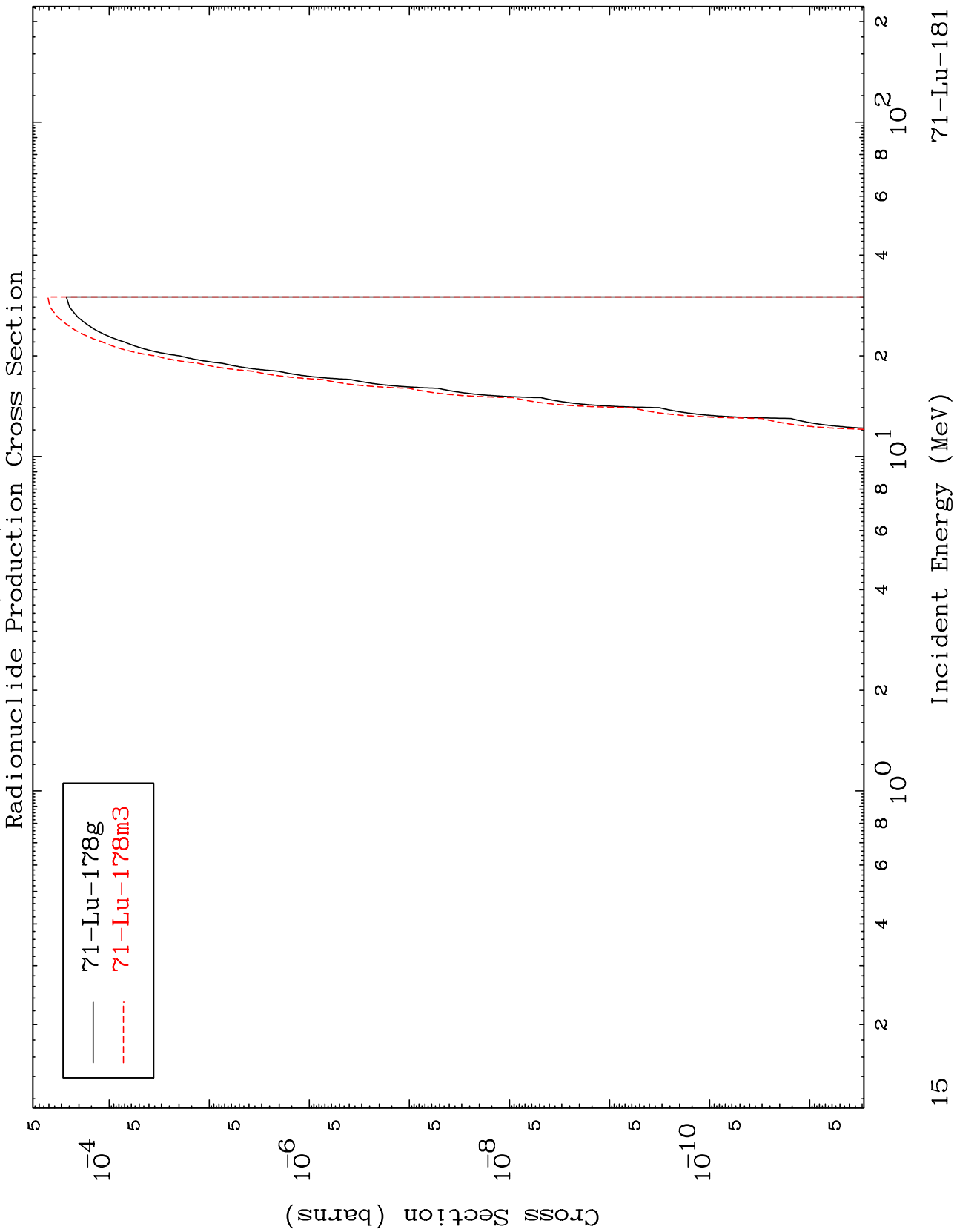
Incident Energy (MeV)

⁷¹Lu-181

MAT 7143

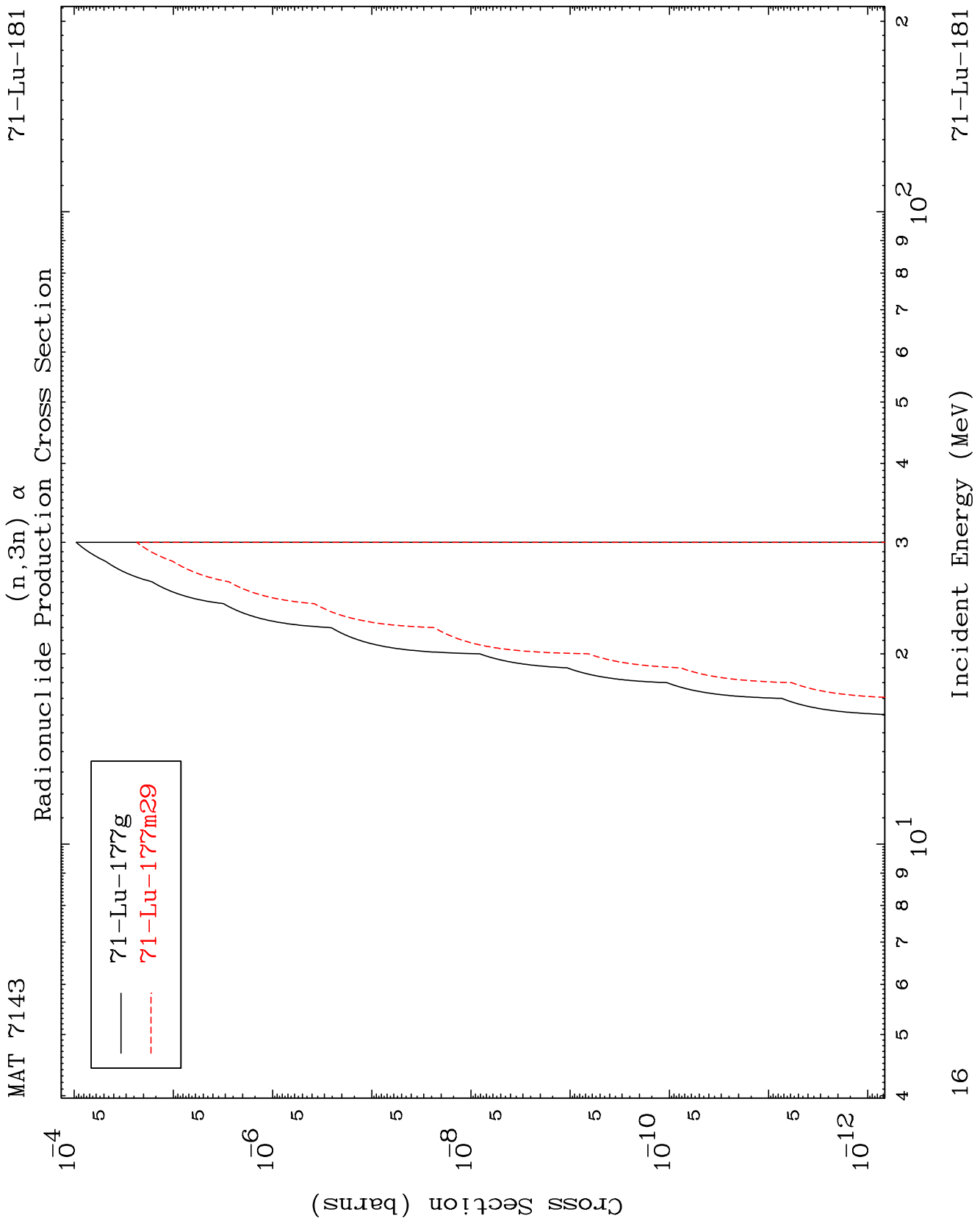
$(n,2n)$ α

$^{71}\text{Lu-181}$



15

$^{71}\text{Lu-181}$

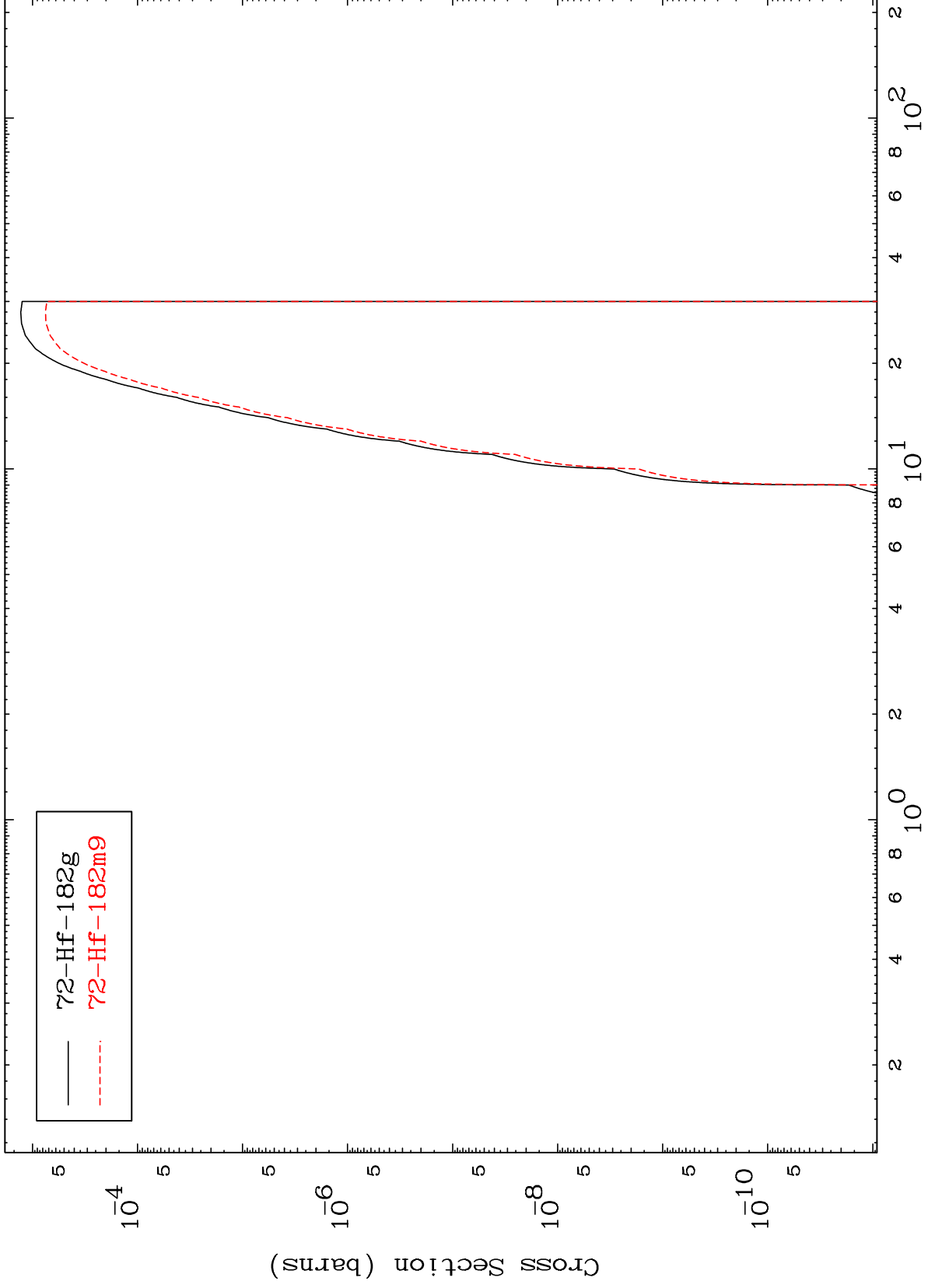


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(n,n') p

71-Lu-181

Radionuclide Production Cross Section



17

Incident Energy (MeV)

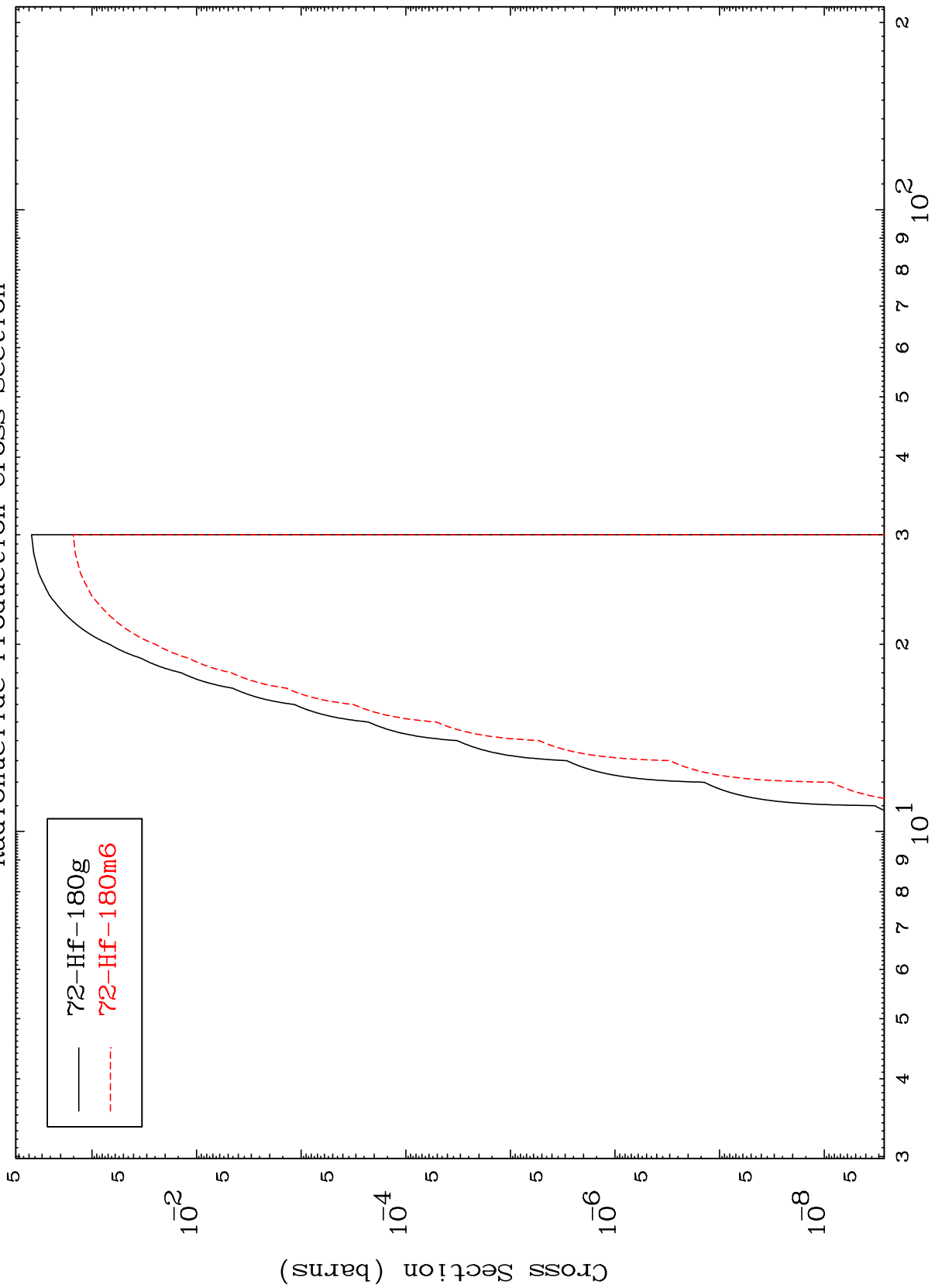
71-Lu-181

MAT 7143

(n,n') t

71-Lu-181

Radionuclide Production Cross Section



18

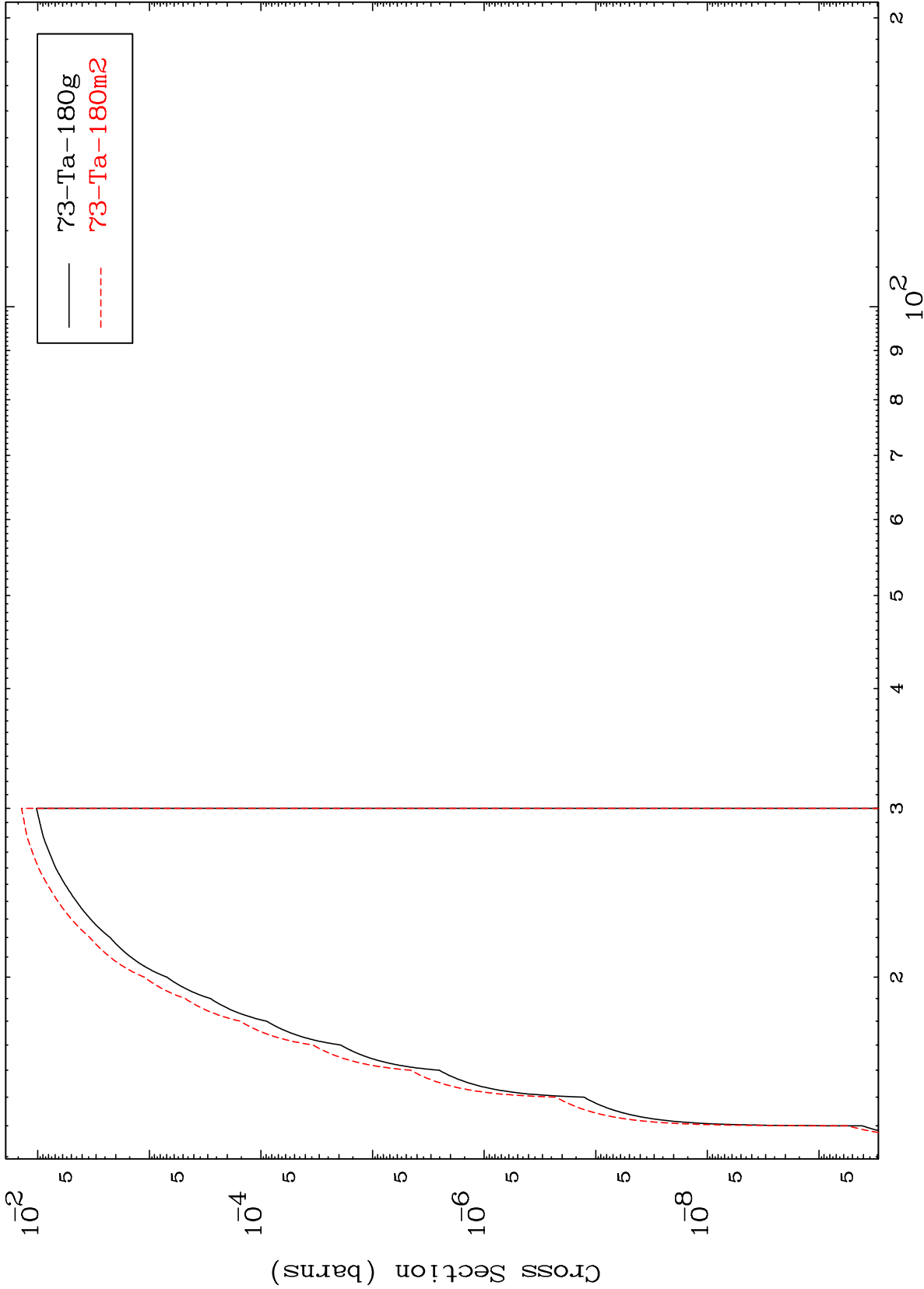
Incident Energy (MeV)

71-Lu-181

MAT 7143

71-Lu-181

(n,4n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

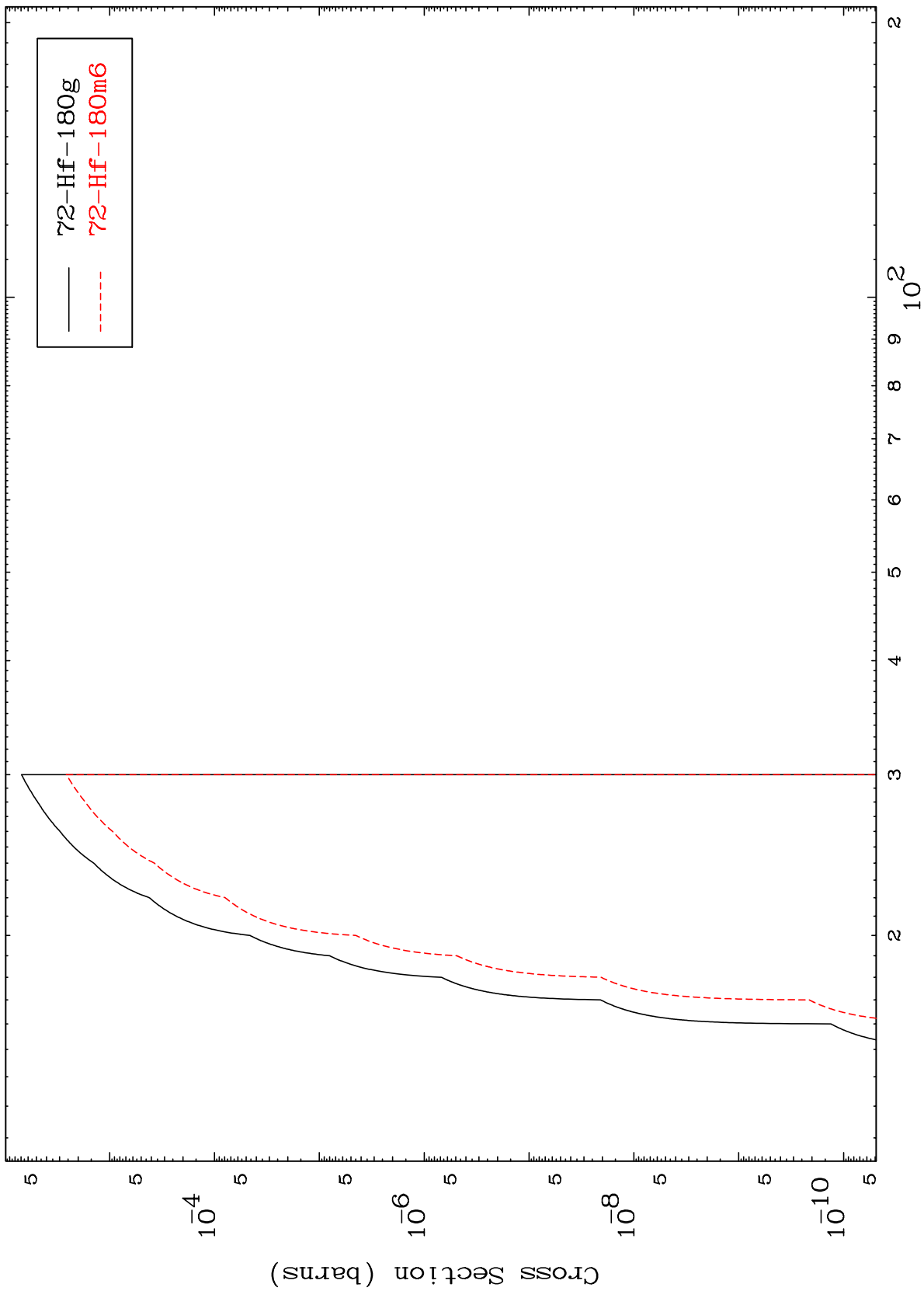
71-Lu-181

MAT 7143

(n,3n) p

71-Lu-181

Radionuclide Production Cross Section



20

Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,d)

⁷¹Lu-181

Radionuclide Production Cross Section

