

Program EVALPLOT
(Version 2021-1)

by

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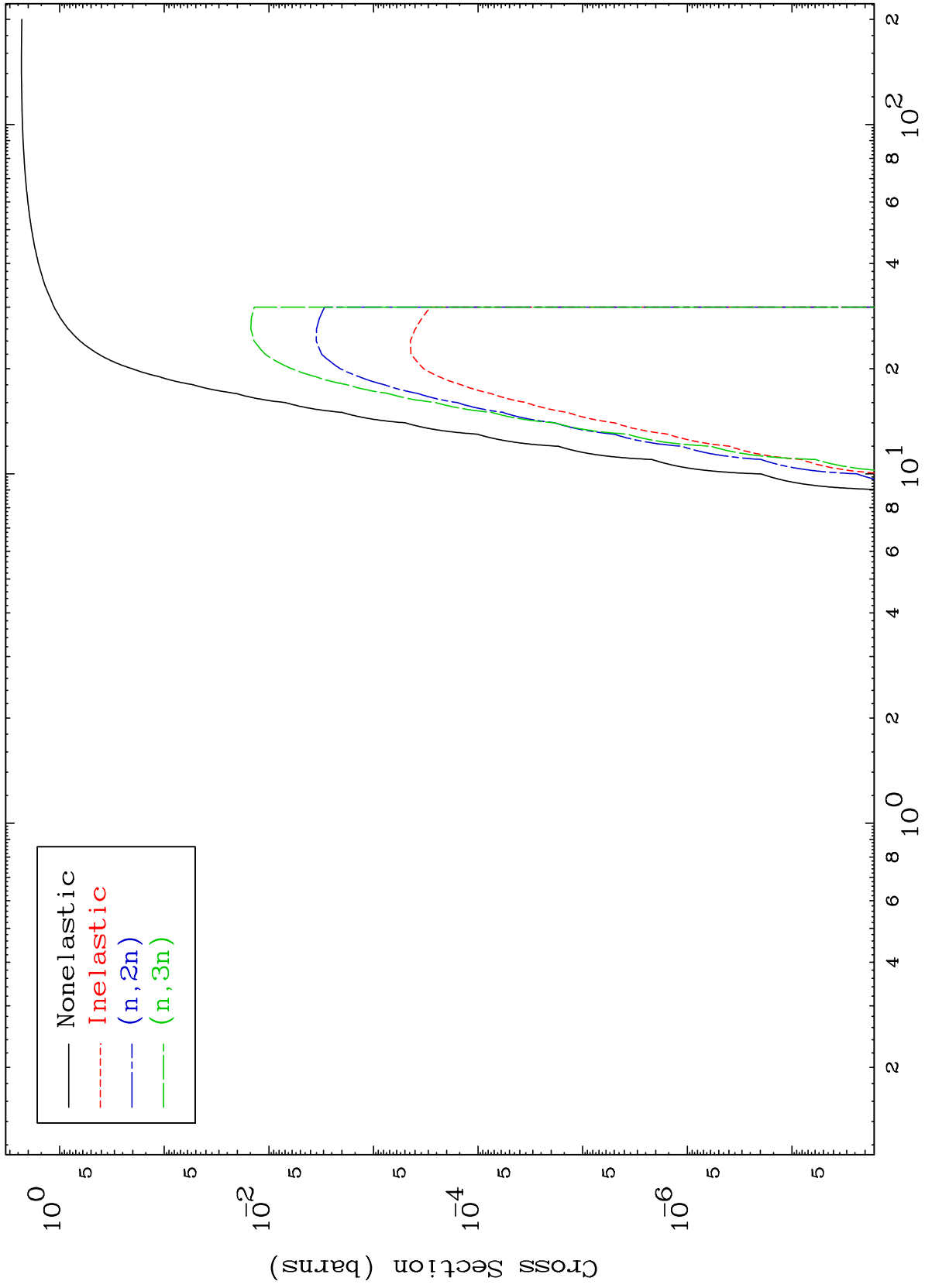
Press Mouse Button to Start

MAT 7140

He-3 Major

0 Kelvin Cross Sections

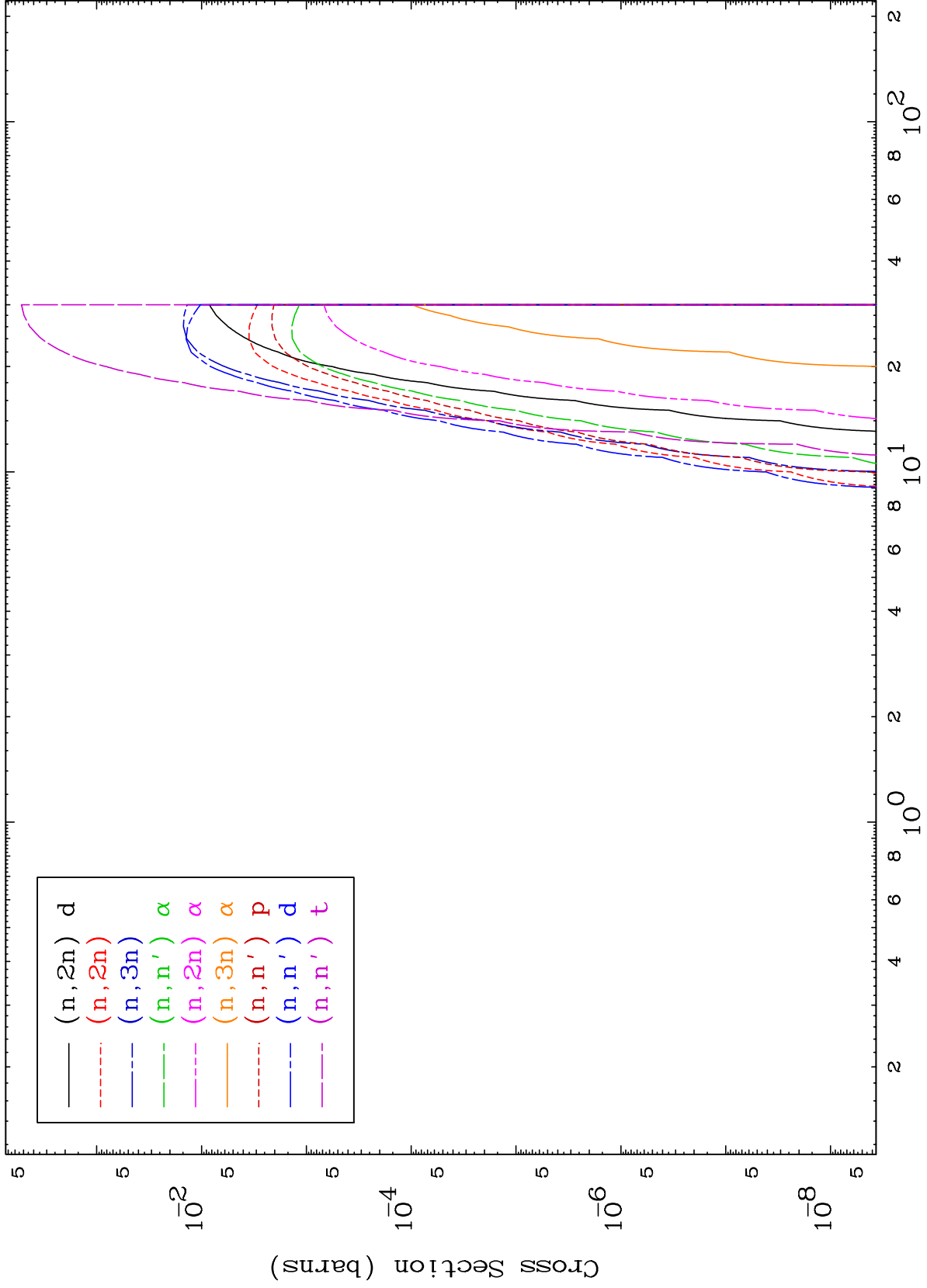
71-Lu-180



MAT 7140

He-3 Neutron Absorption
0 Kelvin Cross Sections

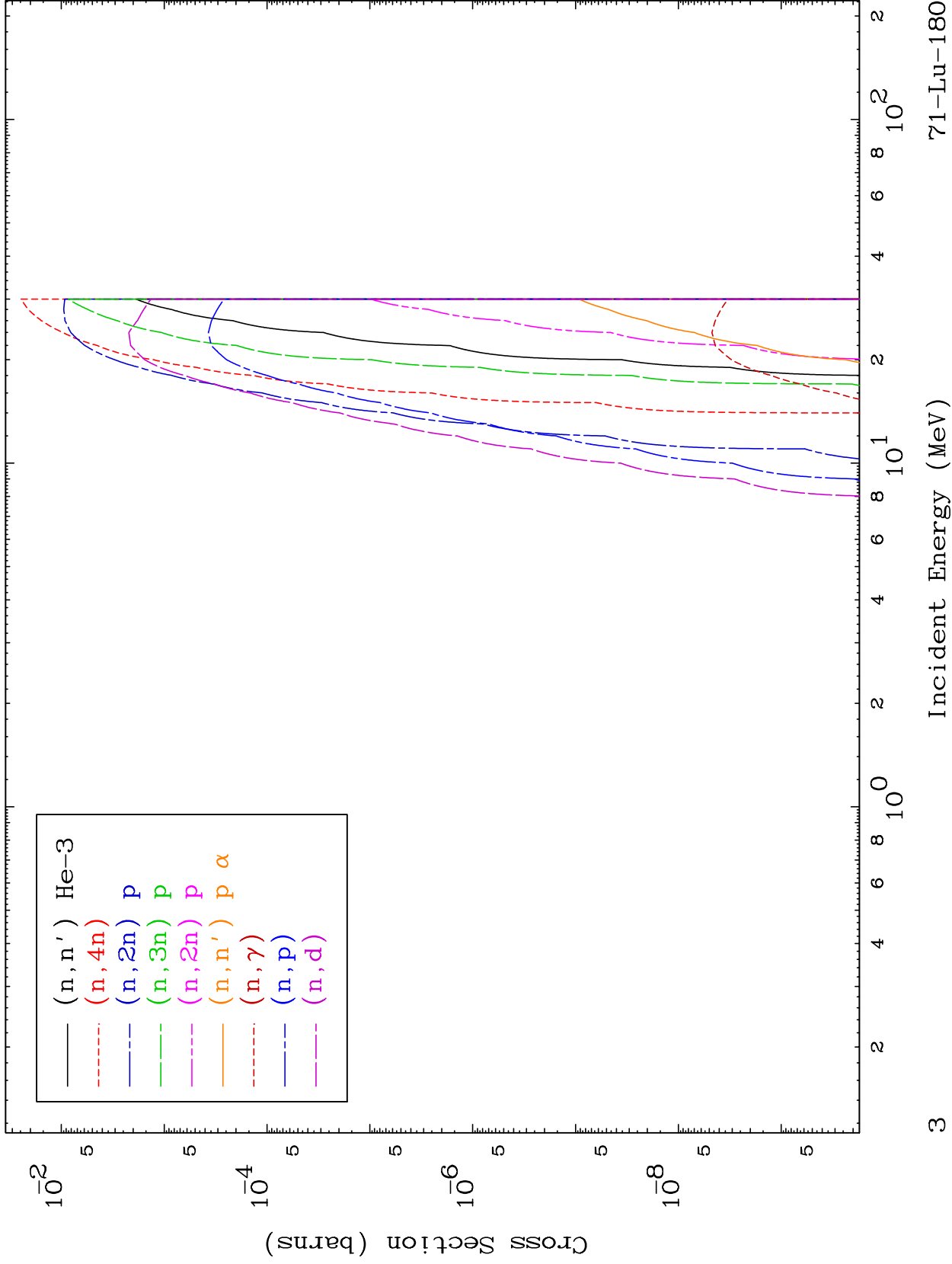
71-Lu-180



MAT 7140

He-3 Neutron Absorption
0 Kelvin Cross Sections

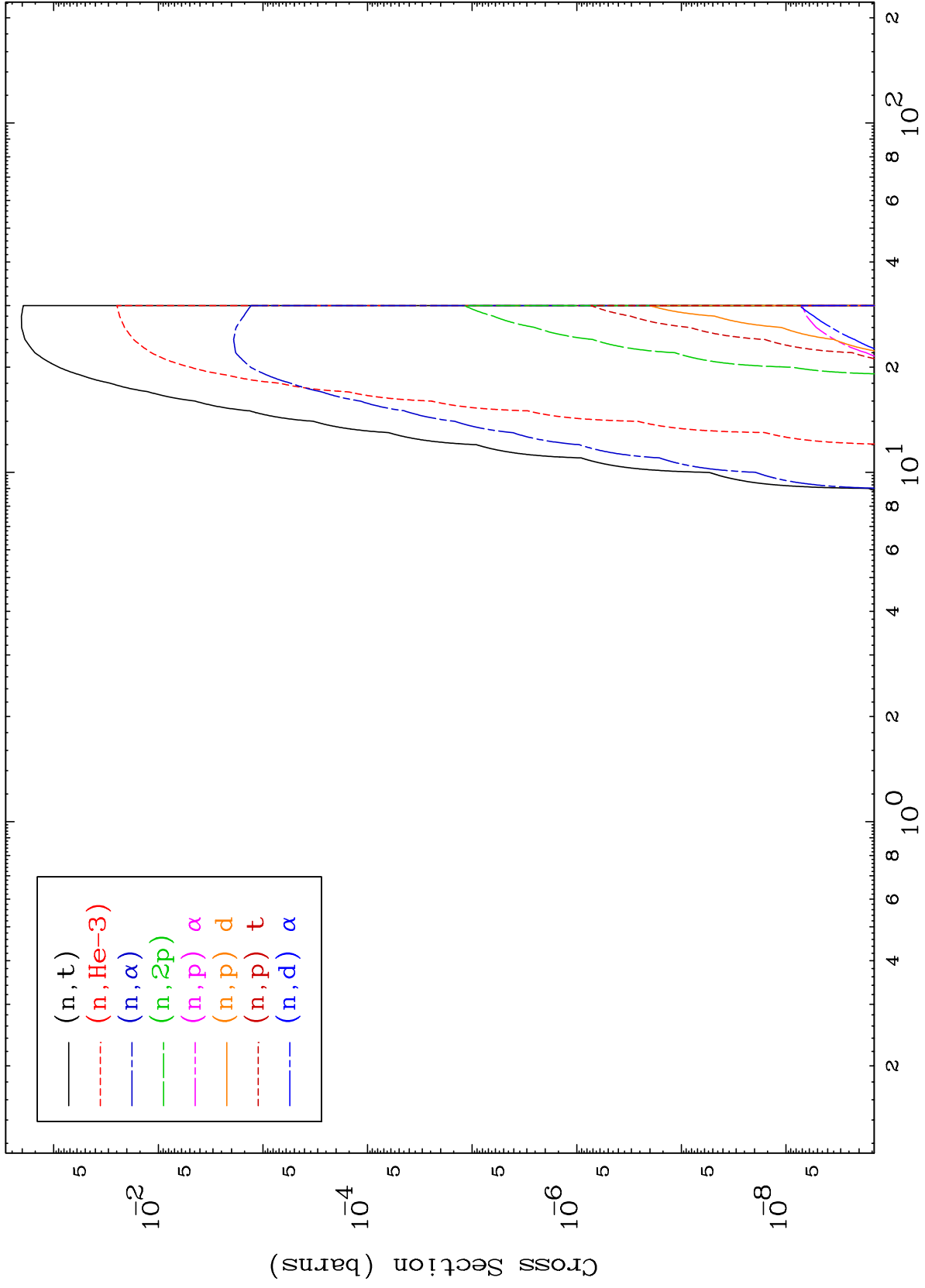
⁷¹Lu-180



MAT 7140

He-3 Neutron Absorption
0 Kelvin Cross Sections

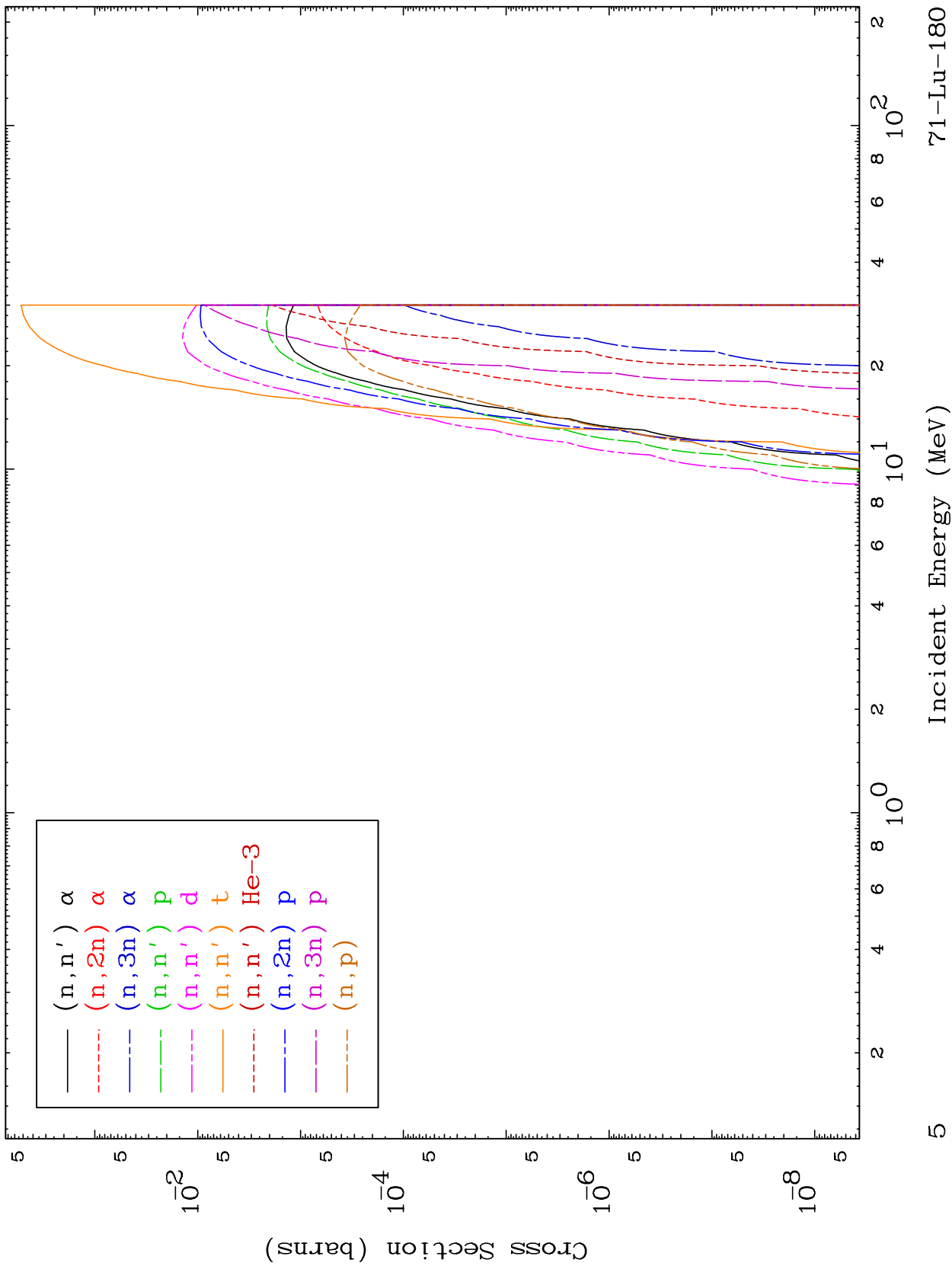
71-Lu-180



MAT 7140

He-3 Charged Particle
0 Kelvin Cross Sections

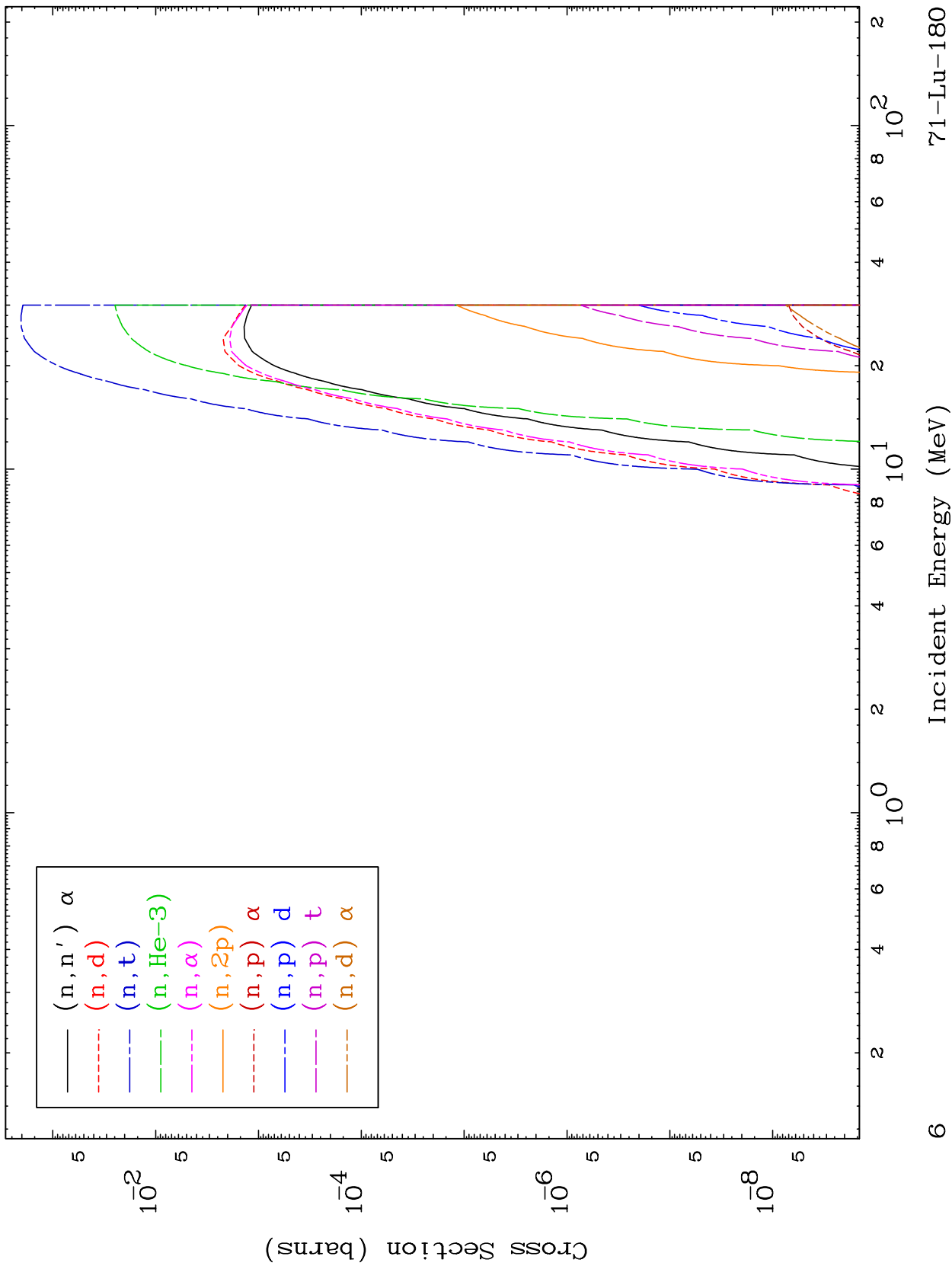
71-Lu-180



MAT 7140

He-3 Charged Particle
0 Kelvin Cross Sections

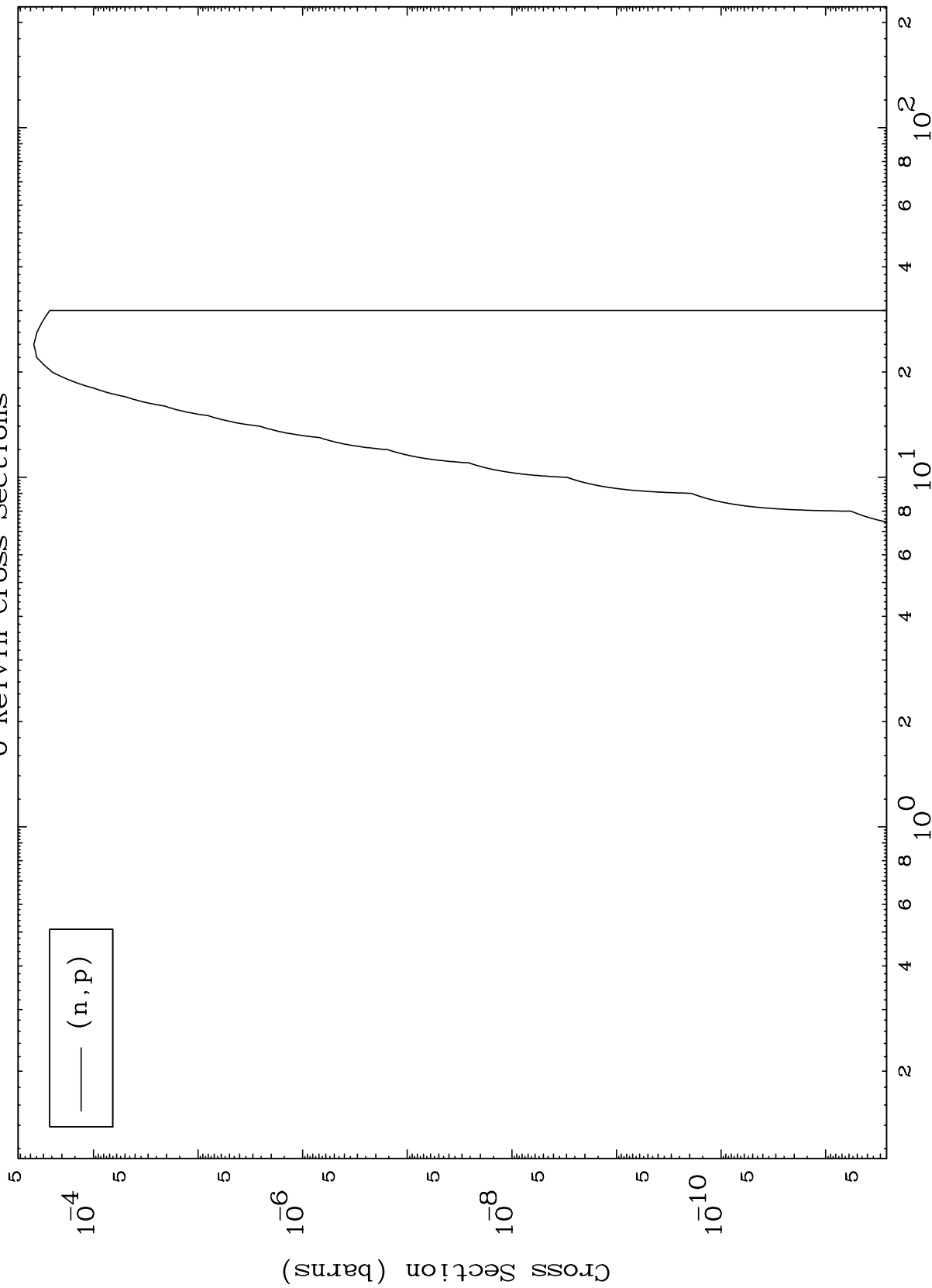
71-Lu-180



MAT 7140

71-Lu-180

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



71-Lu-180

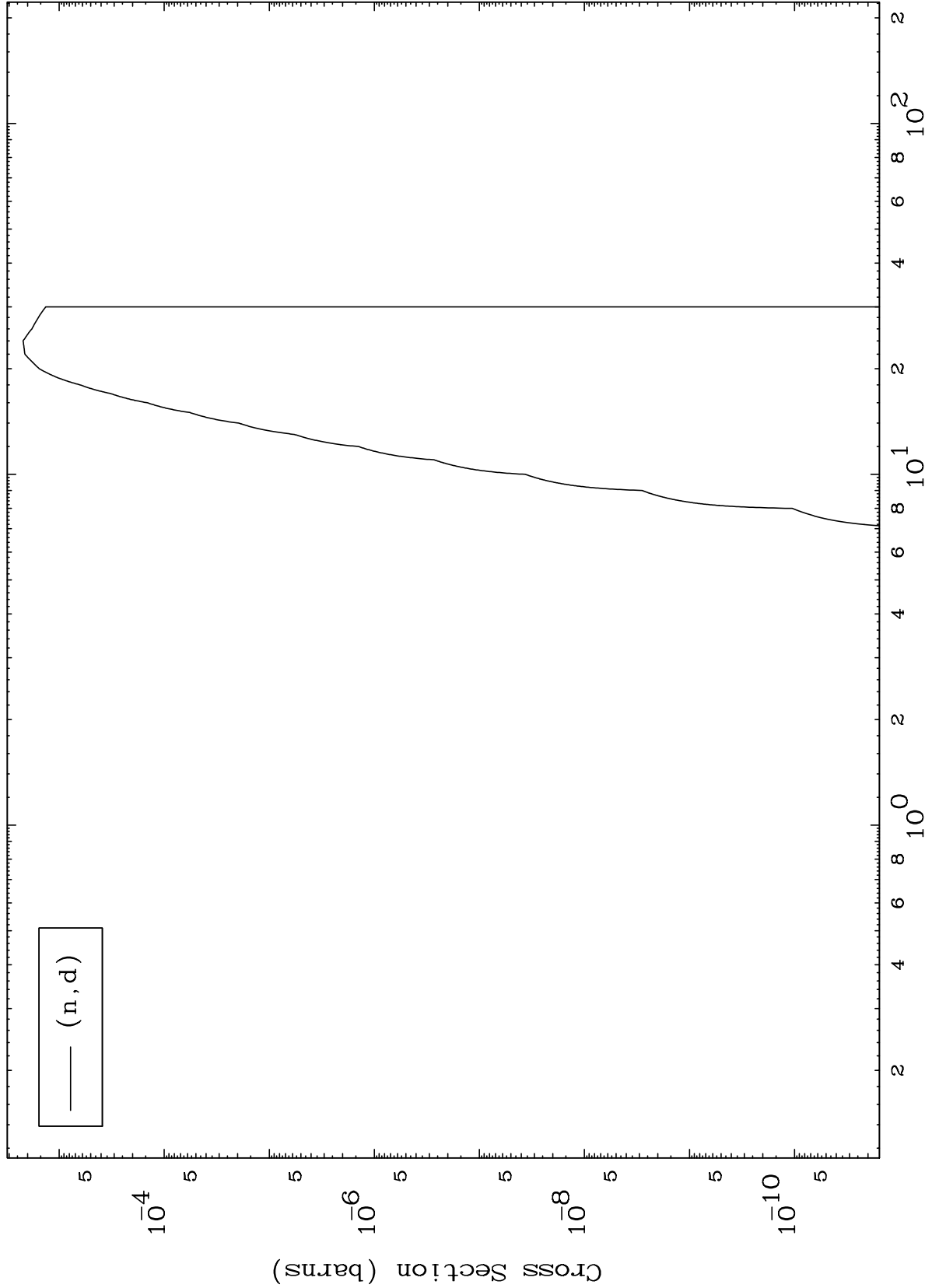
Incident Energy (MeV)

MAT 7140

(He-3,d) Levels

71-Lu-180

0 Kelvin Cross Sections

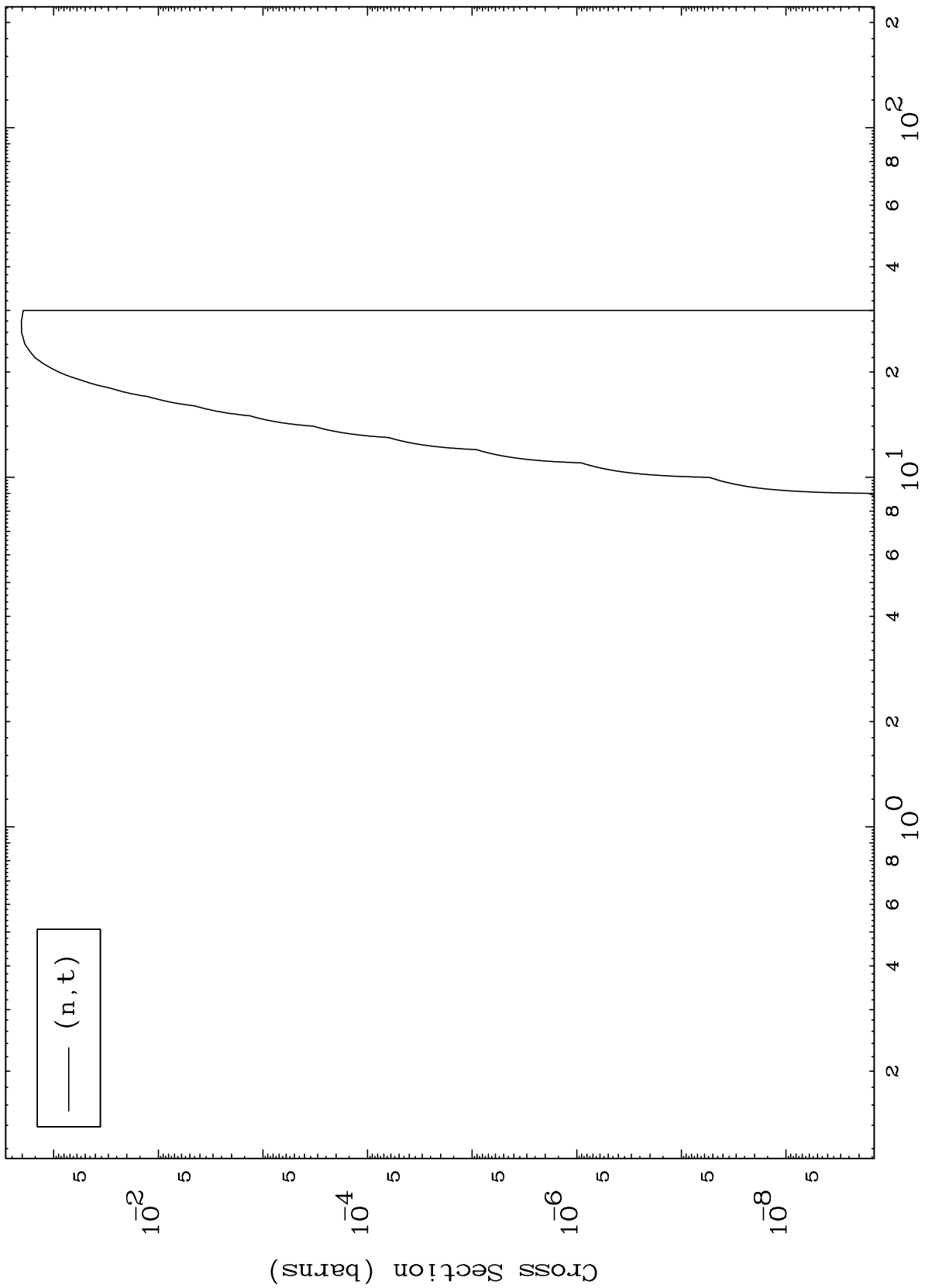


MAT 7140

(He-3,t) Levels

71-Lu-180

0 Kelvin Cross Sections

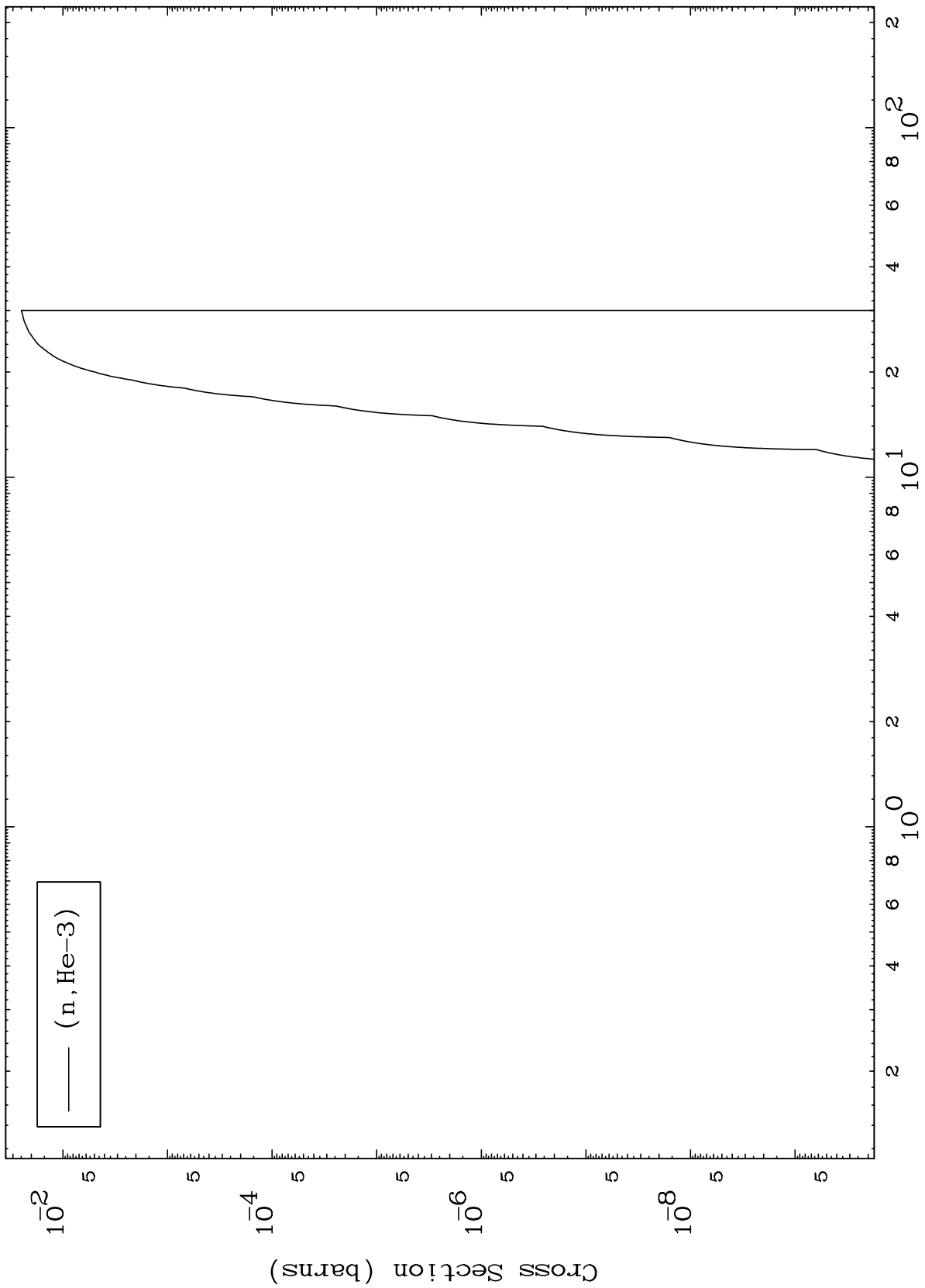


MAT 7140

(He-3, He3) Levels

71-Lu-180

0 Kelvin Cross Sections



10

Incident Energy (MeV)

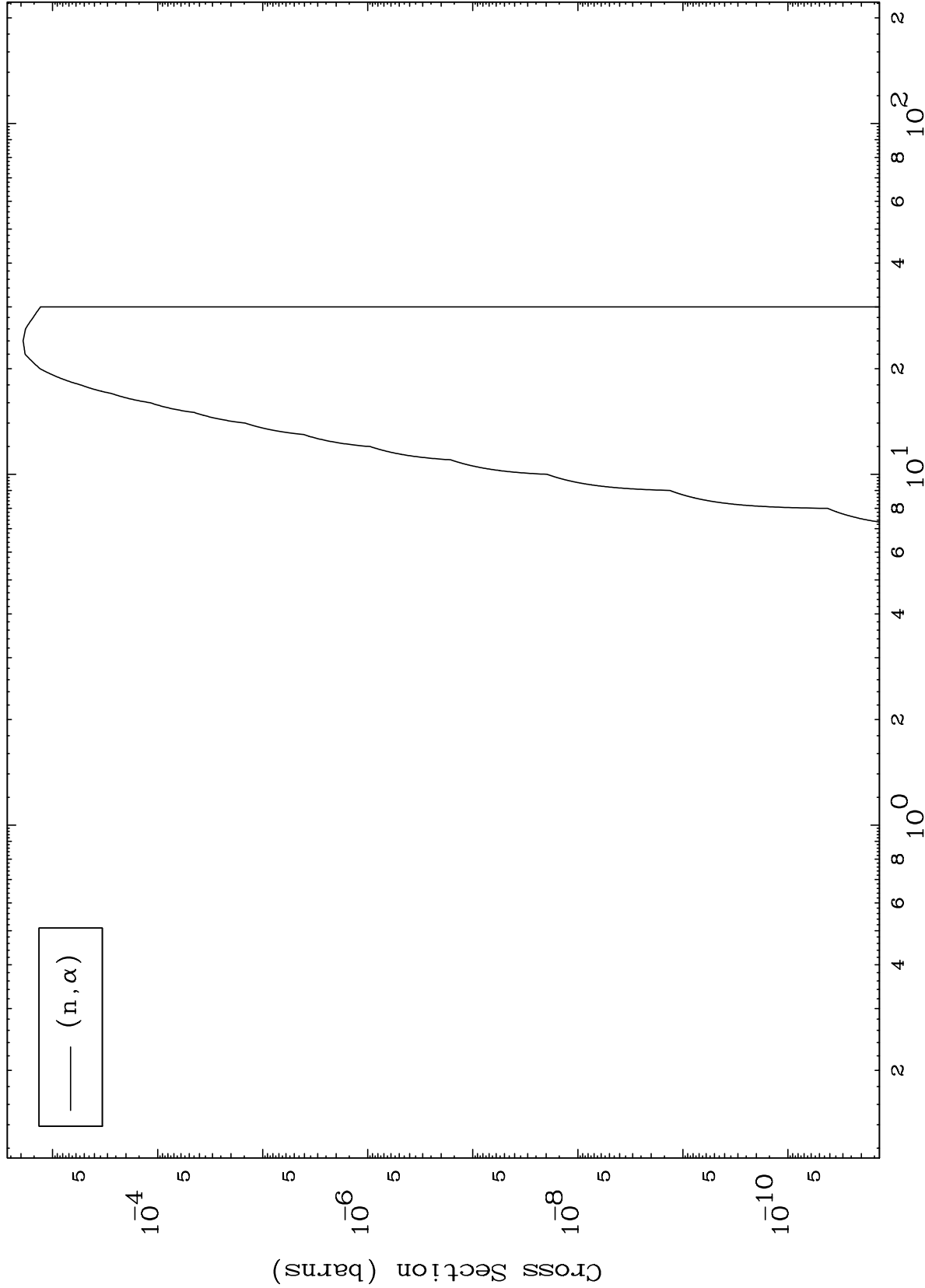
71-Lu-180

MAT 7140

(He-3, α) Levels

71-Lu-180

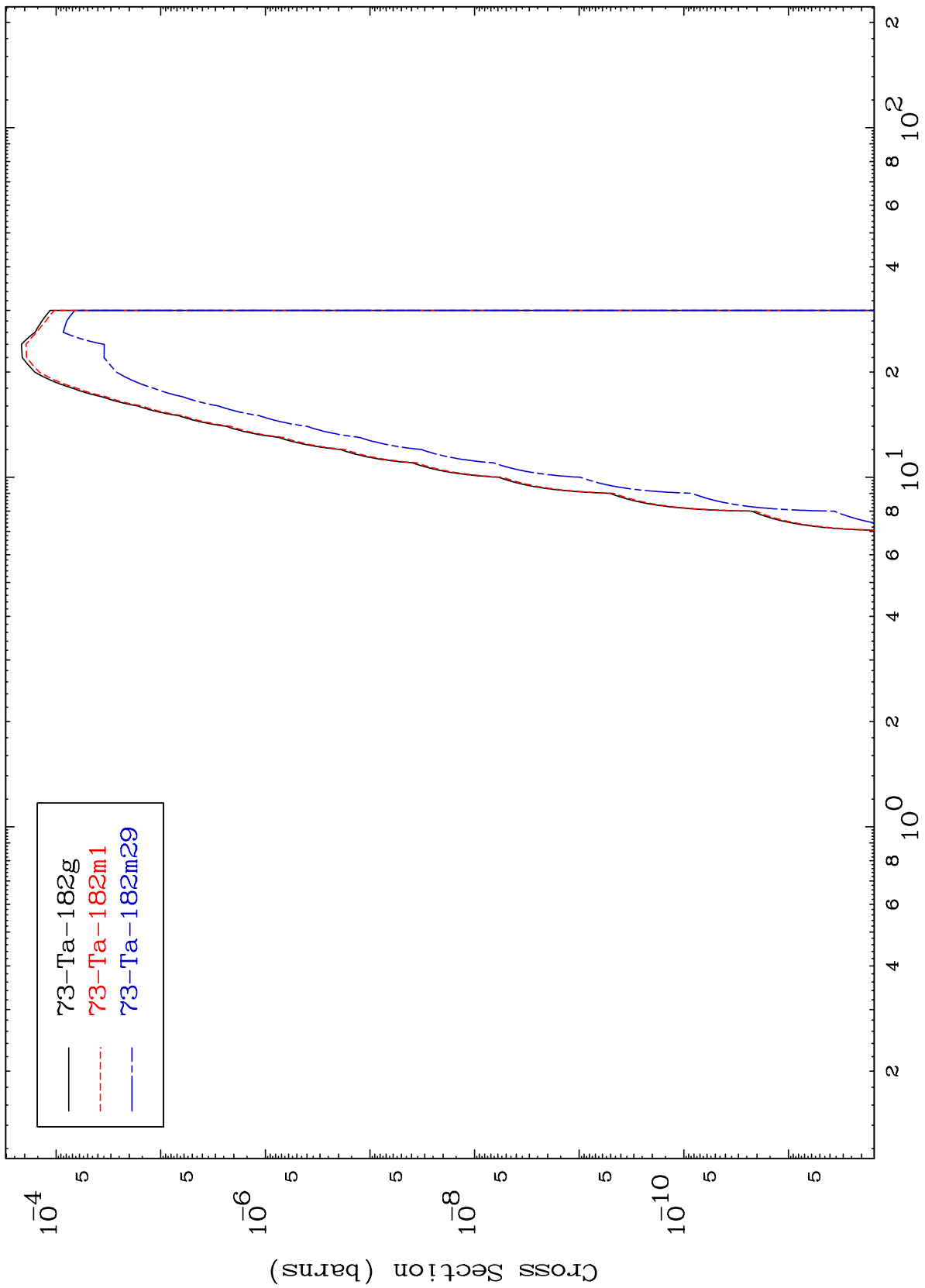
0 Kelvin Cross Sections



MAT 7140

71-Lu-180

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-180

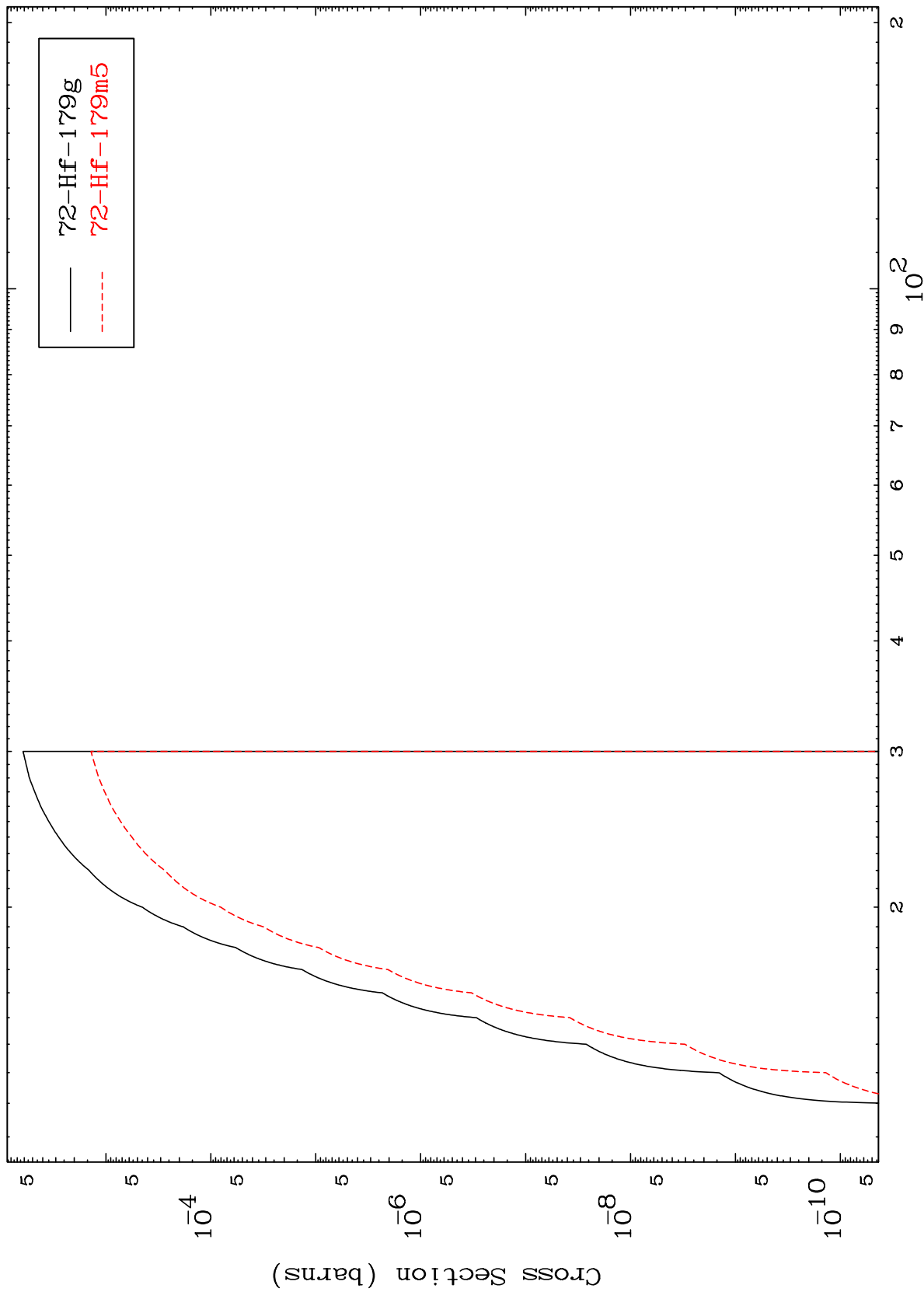
12

MAT 7140

(n,2n) d

71-Lu-180

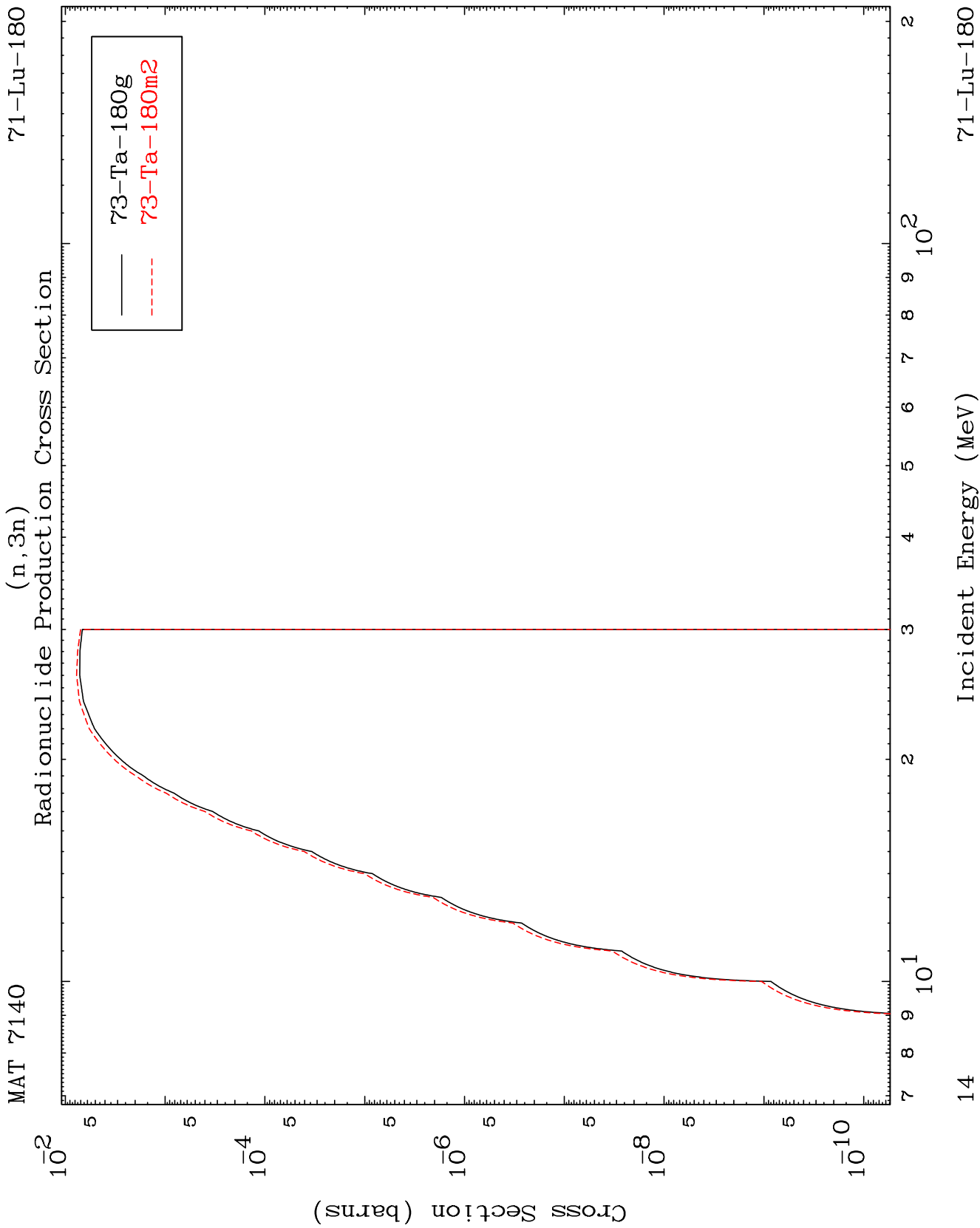
Radionuclide Production Cross Section



13

Incident Energy (MeV)

71-Lu-180

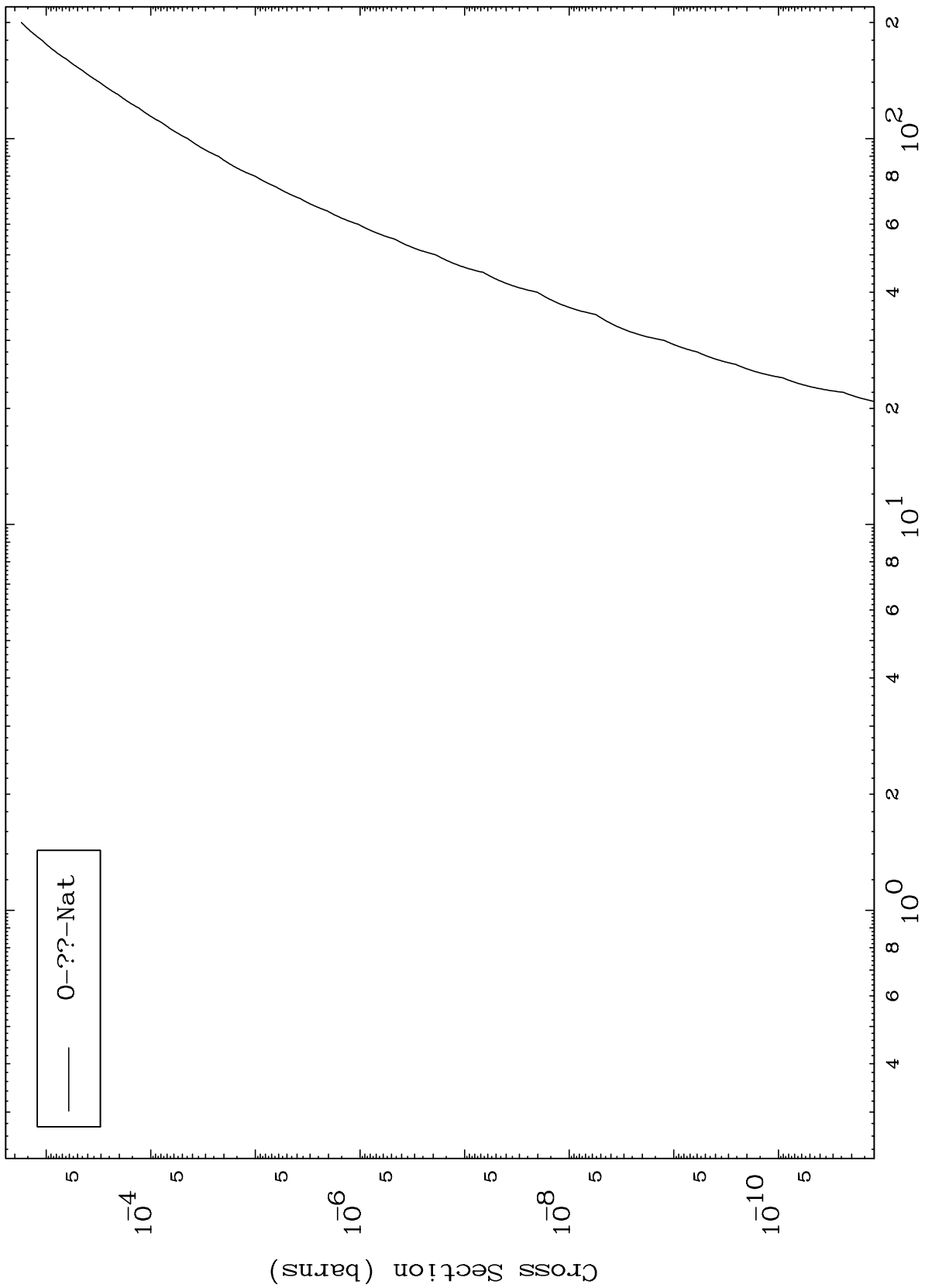


MAT 7140

Fission

⁷¹Lu-180

Radionuclide Production Cross Section

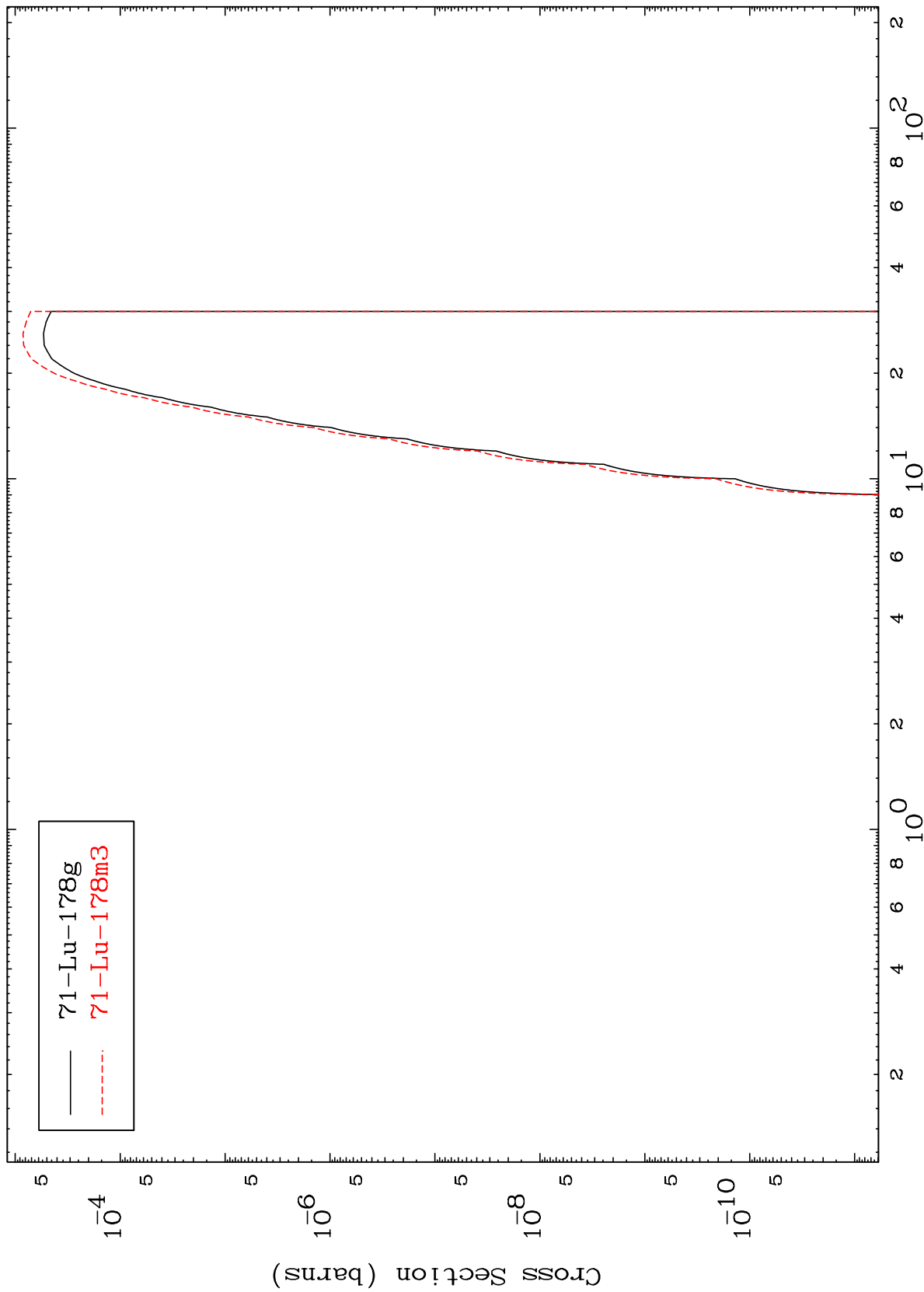


MAT 7140

$(n, n') \alpha$

$^{71}\text{Lu-180}$

Radionuclide Production Cross Section

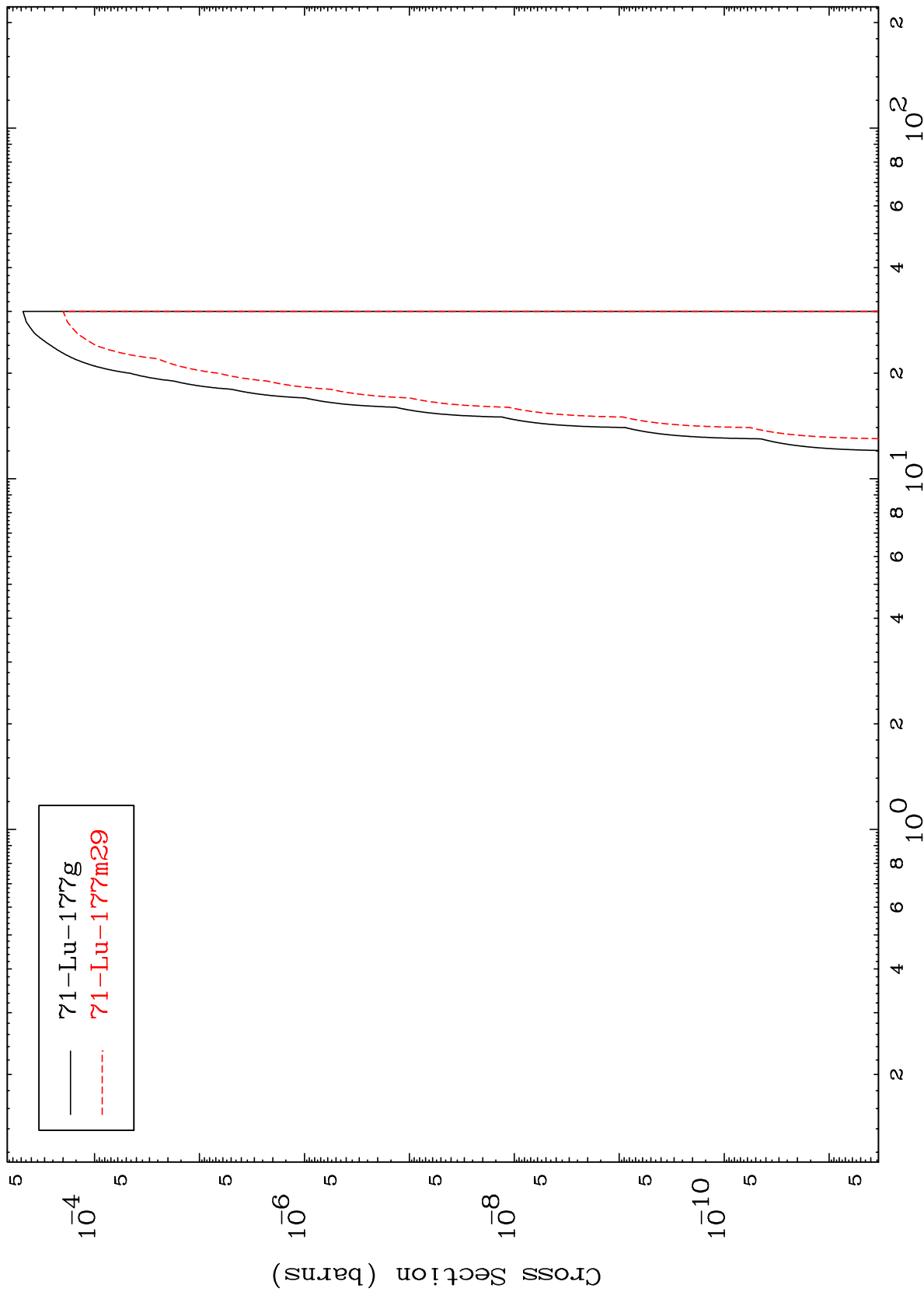


MAT 7140

$(n,2n) \alpha$

$^{71}\text{Lu-180}$

Radionuclide Production Cross Section



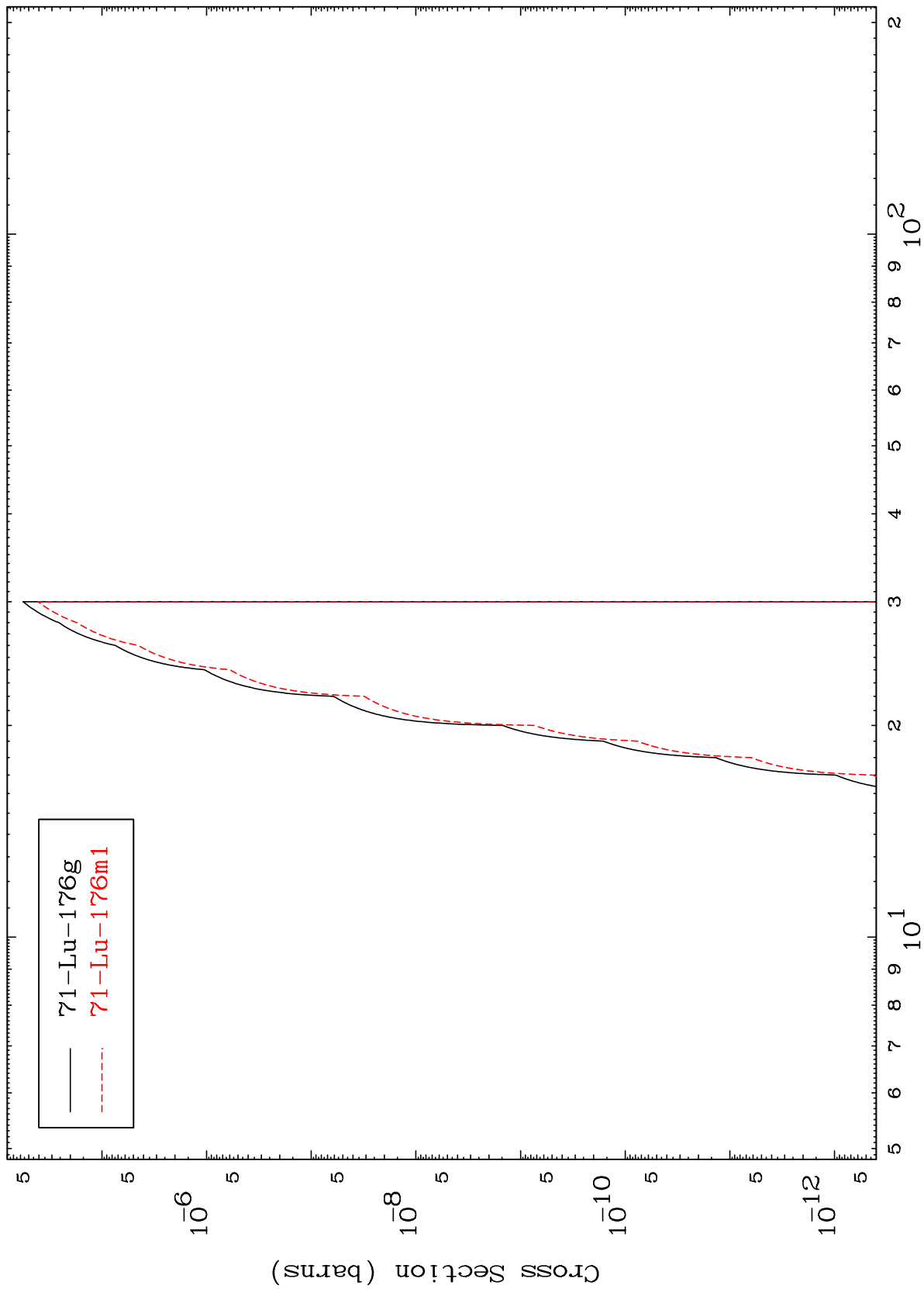
71-Lu-177g
71-Lu-177m29

MAT 7140

⁷¹Lu-180

(n,3n) α

Radionuclide Production Cross Section



18

Incident Energy (MeV)

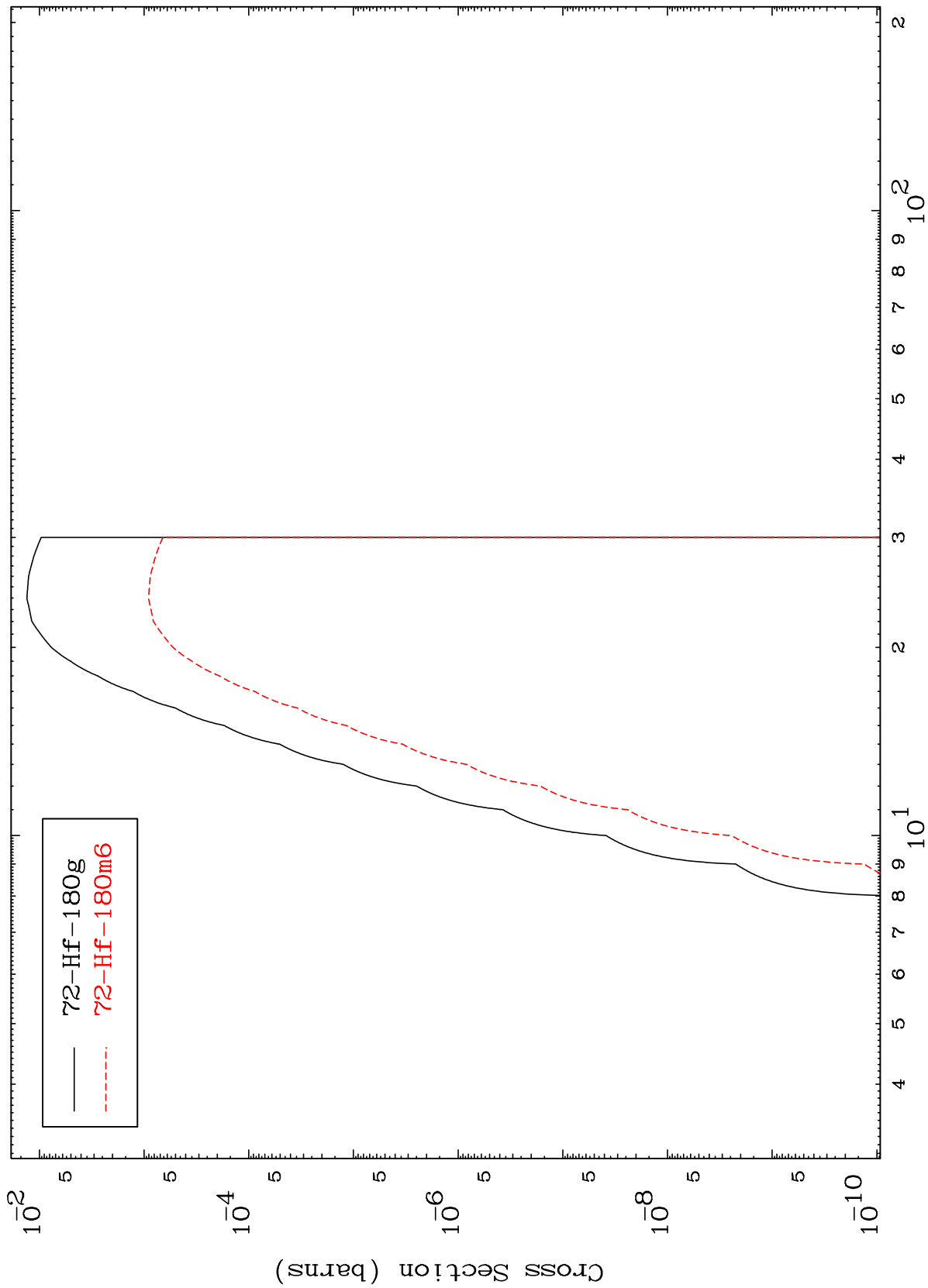
⁷¹Lu-180

MAT 7140

(n,n') d

71-Lu-180

Radionuclide Production Cross Section



19

Incident Energy (MeV)

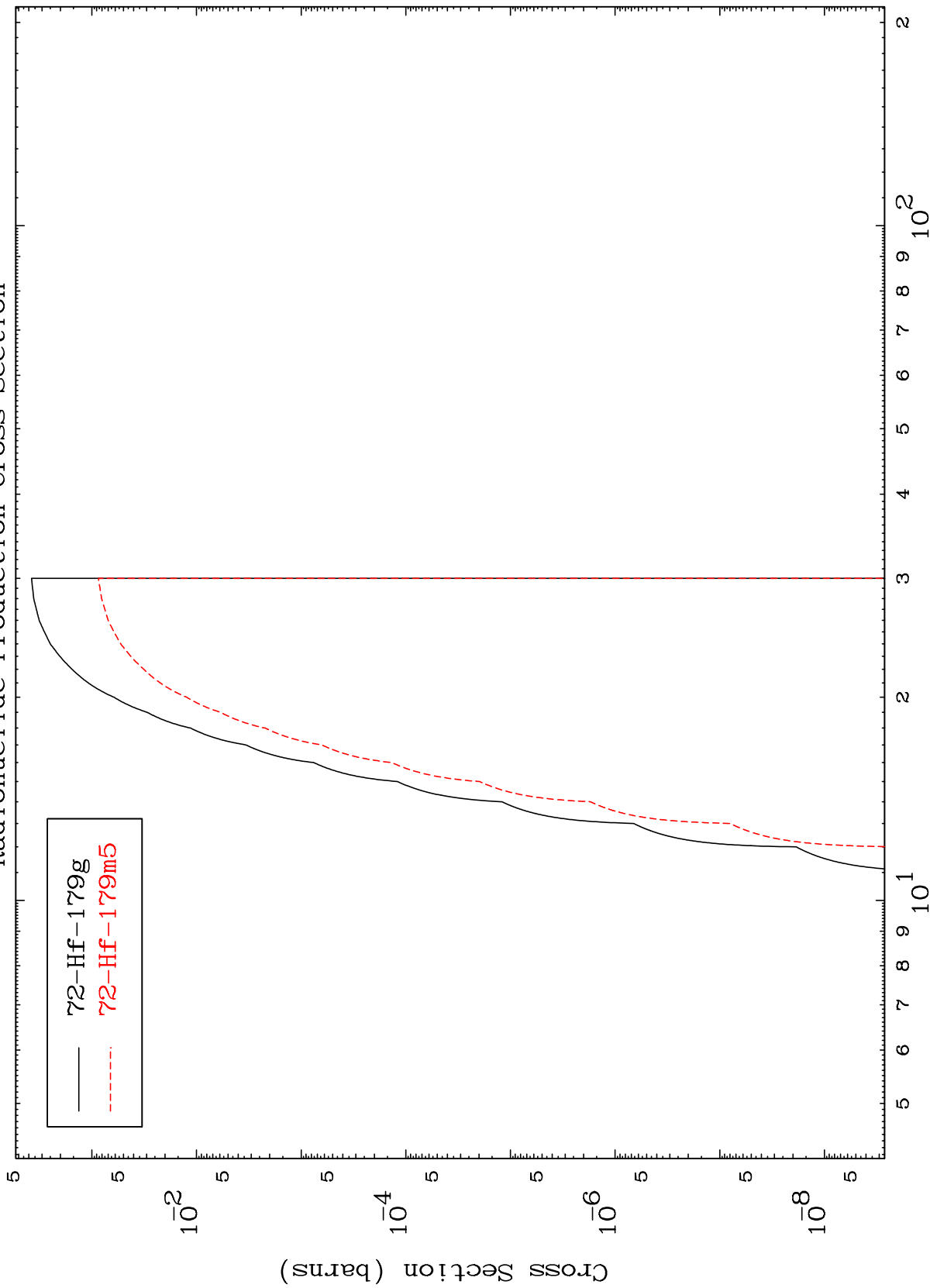
71-Lu-180

MAT 7140

(n,n') t

71-Lu-180

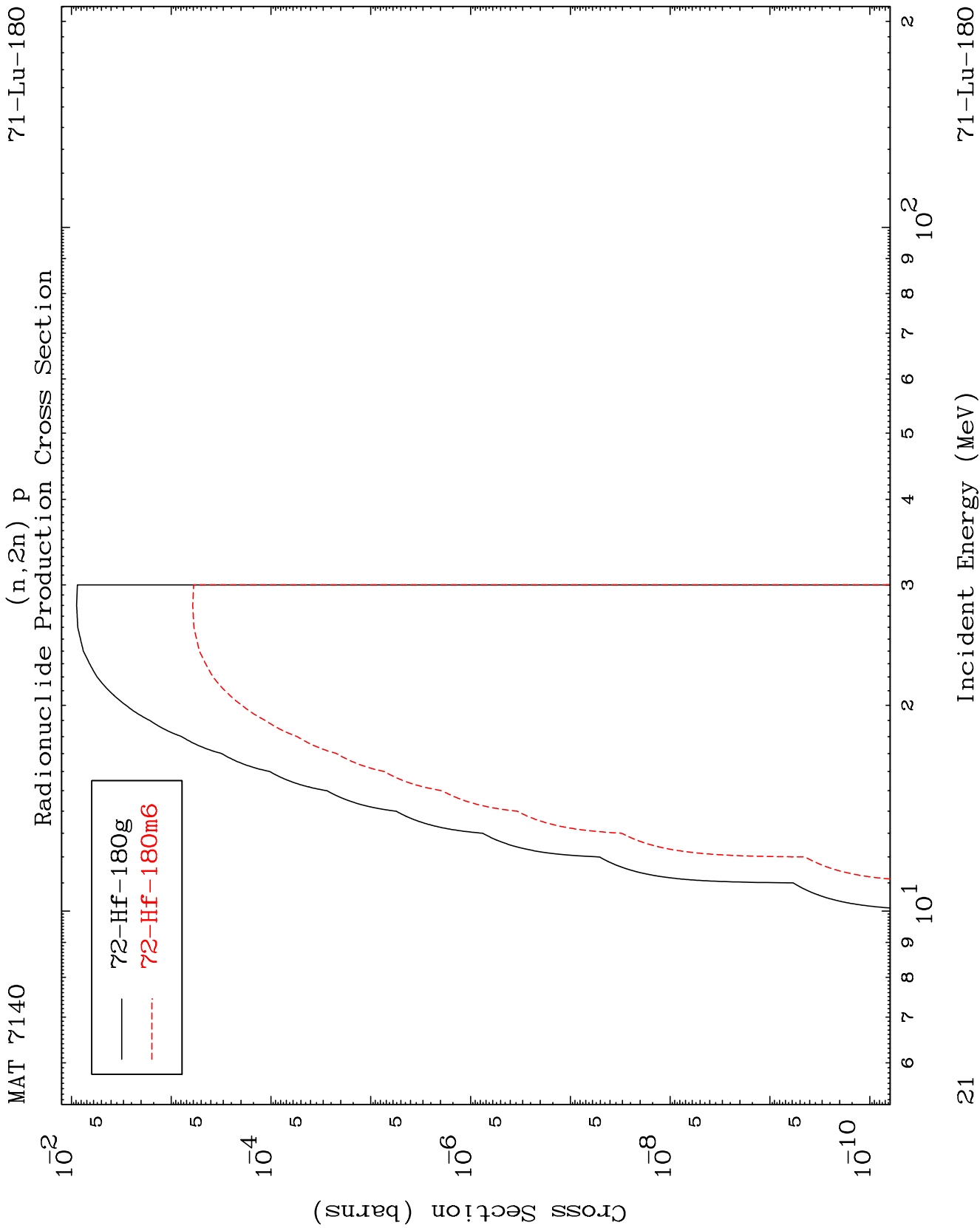
Radionuclide Production Cross Section



20

Incident Energy (MeV)

71-Lu-180

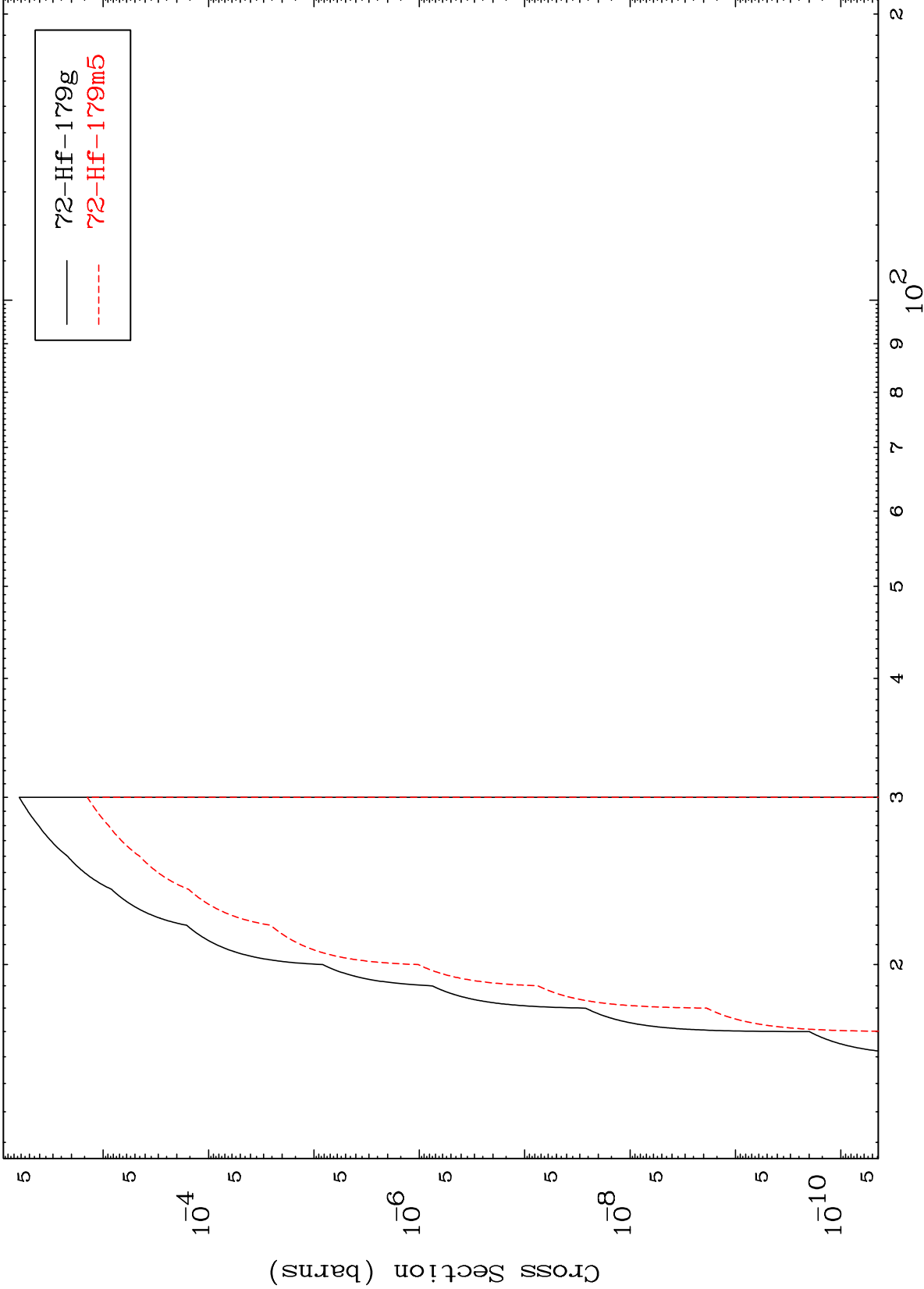


MAT 7140

(n,3n) p

71-Lu-180

Radionuclide Production Cross Section



22

Incident Energy (MeV)

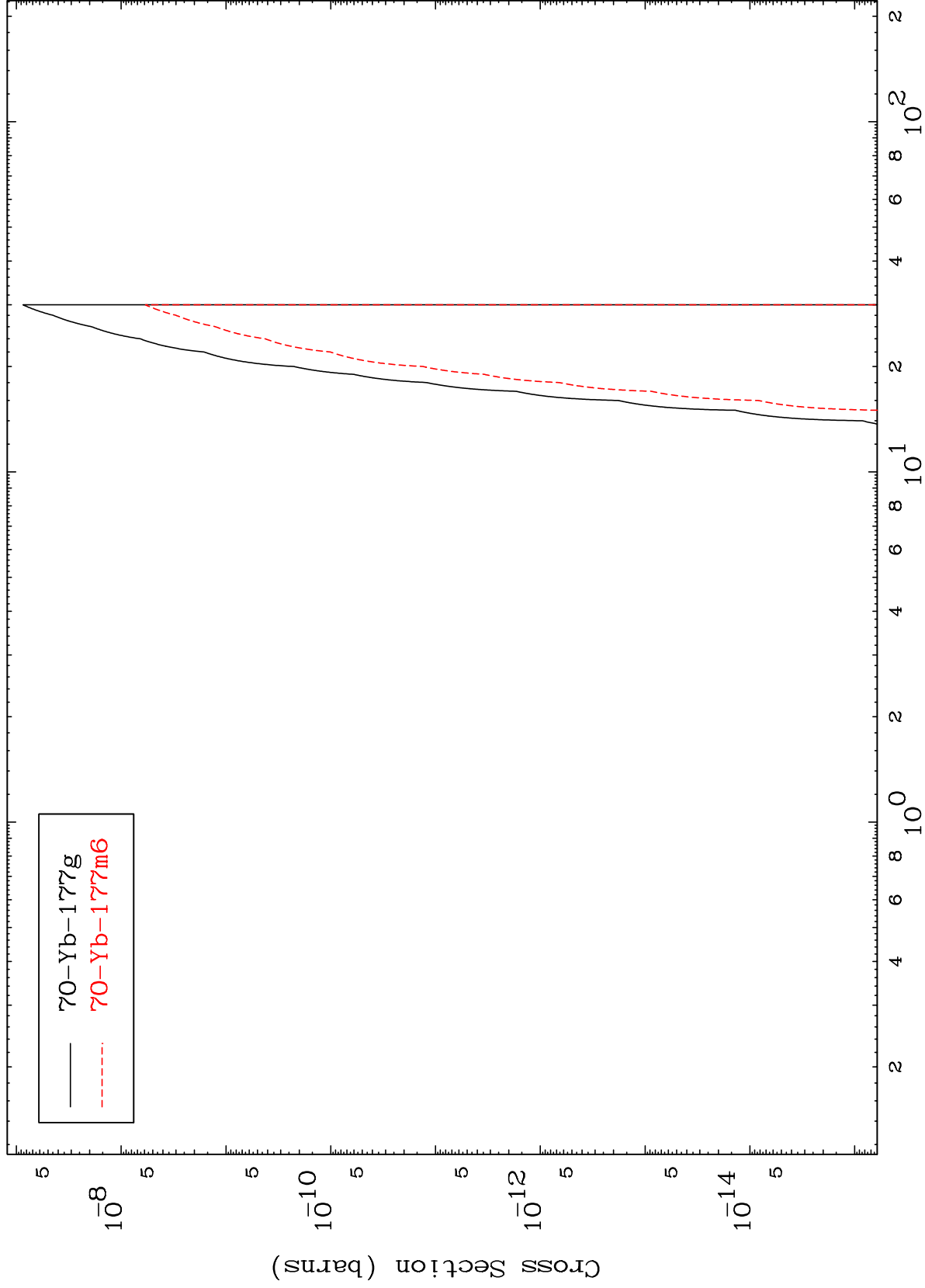
71-Lu-180

MAT 7140

(n,n') p α

71-Lu-180

Radionuclide Production Cross Section



23

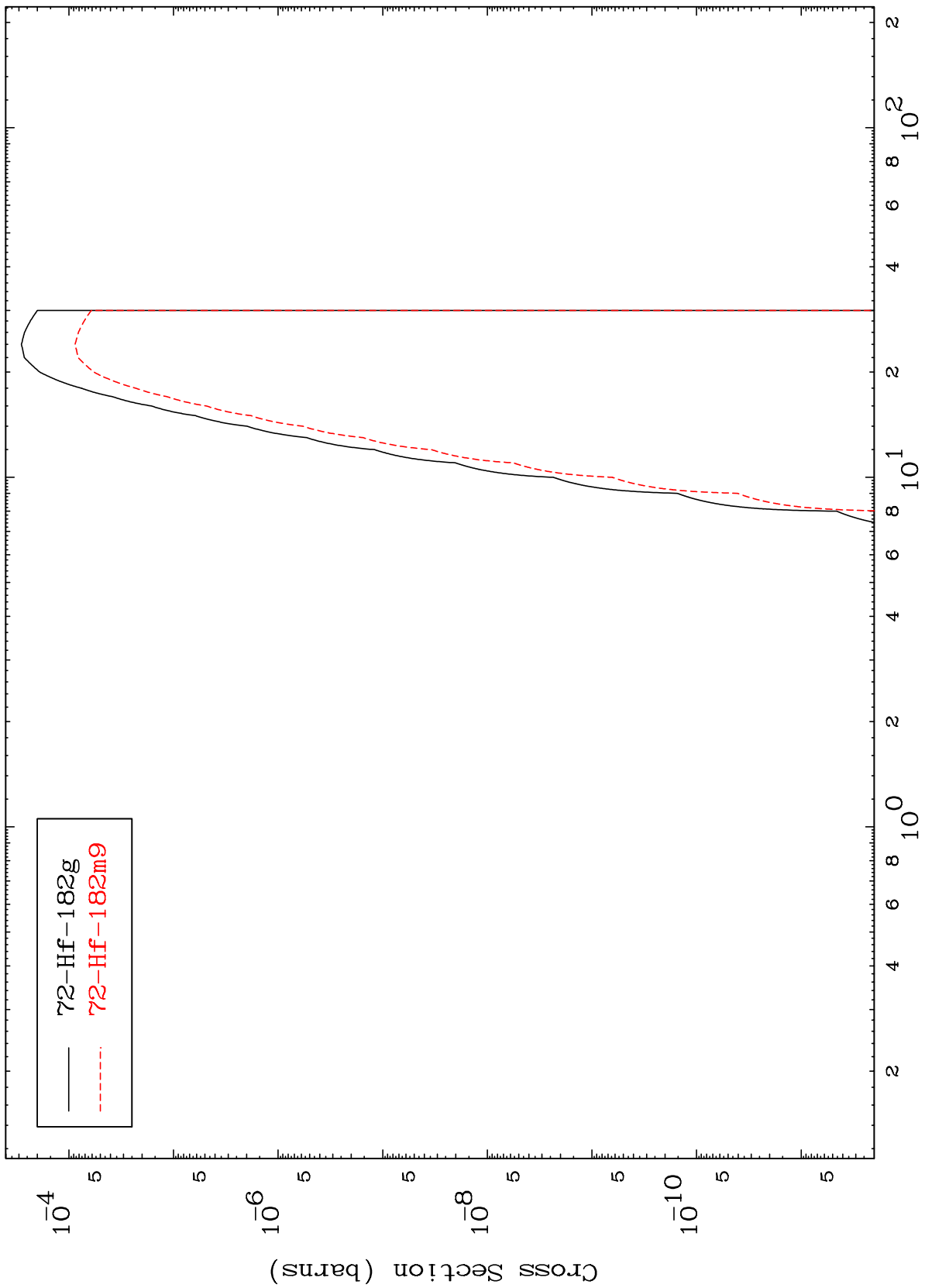
Incident Energy (MeV)

71-Lu-180

MAT 7140

71-Lu-180

(n,p)
Radionuclide Production Cross Section

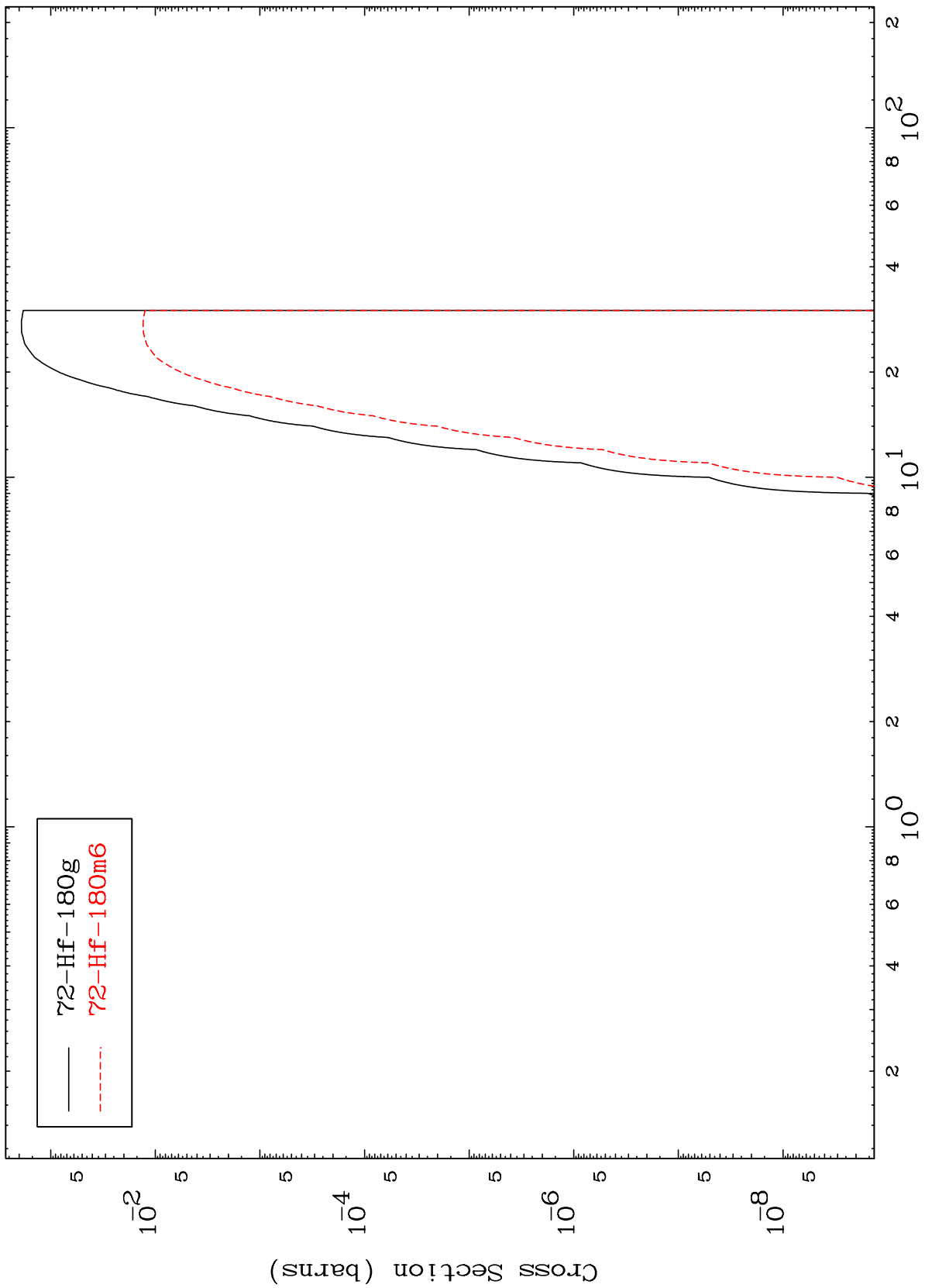


— 72-Hf-182g
- - - 72-Hf-182m9

MAT 7140

71-Lu-180

(n, t)
Radionuclide Production Cross Section



— 72-Hf-180g
- - - 72-Hf-180m6

25

Incident Energy (MeV)

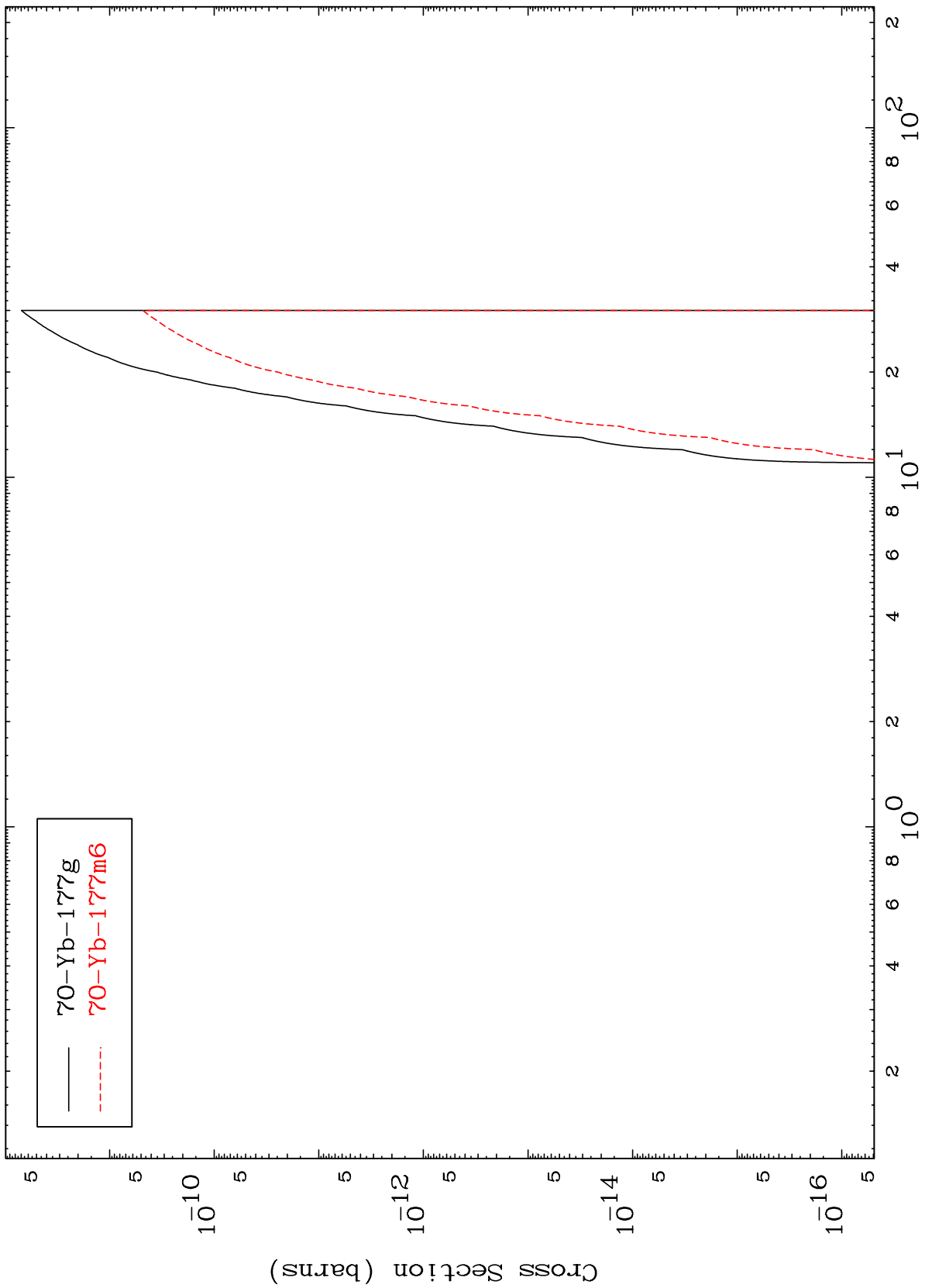
71-Lu-180

MAT 7140

(n,d) α

$^{71}\text{Lu-180}$

Radionuclide Production Cross Section



— $^{70}\text{Yb-177g}$
- - - $^{70}\text{Yb-177m6}$