

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

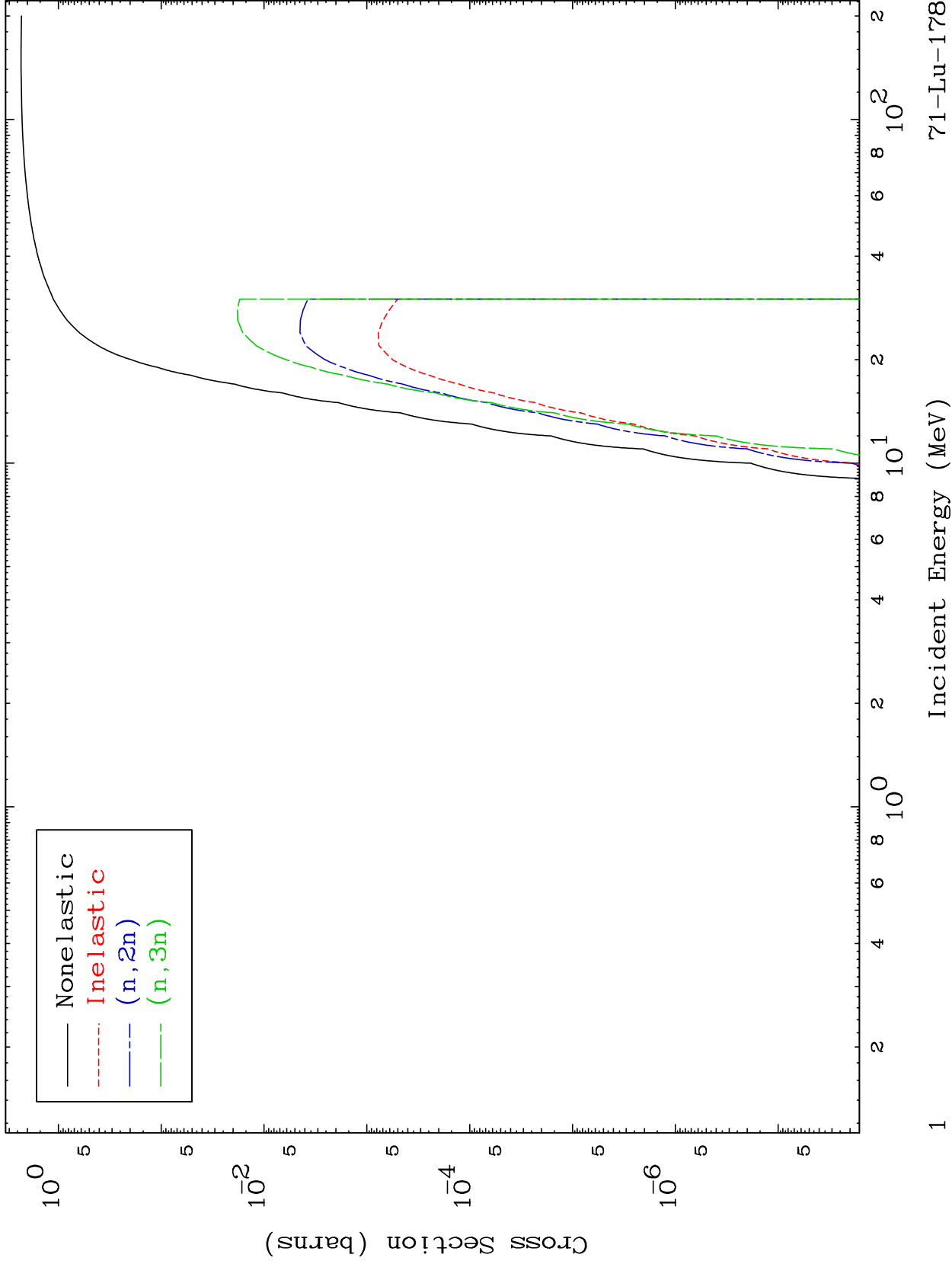
Press Mouse Button to Start

MAT 7134

He-3 Major

0 Kelvin Cross Sections

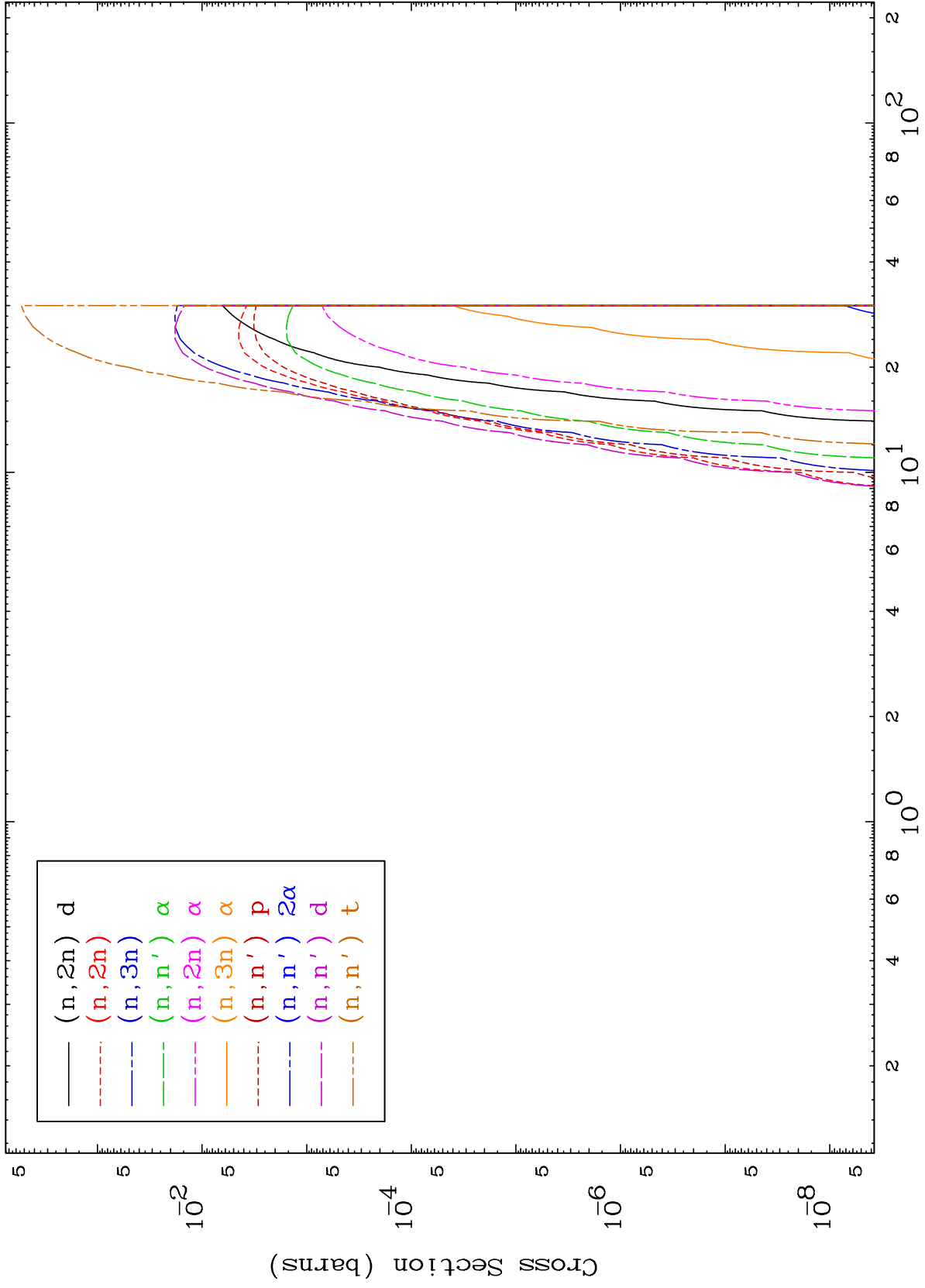
71-Lu-178

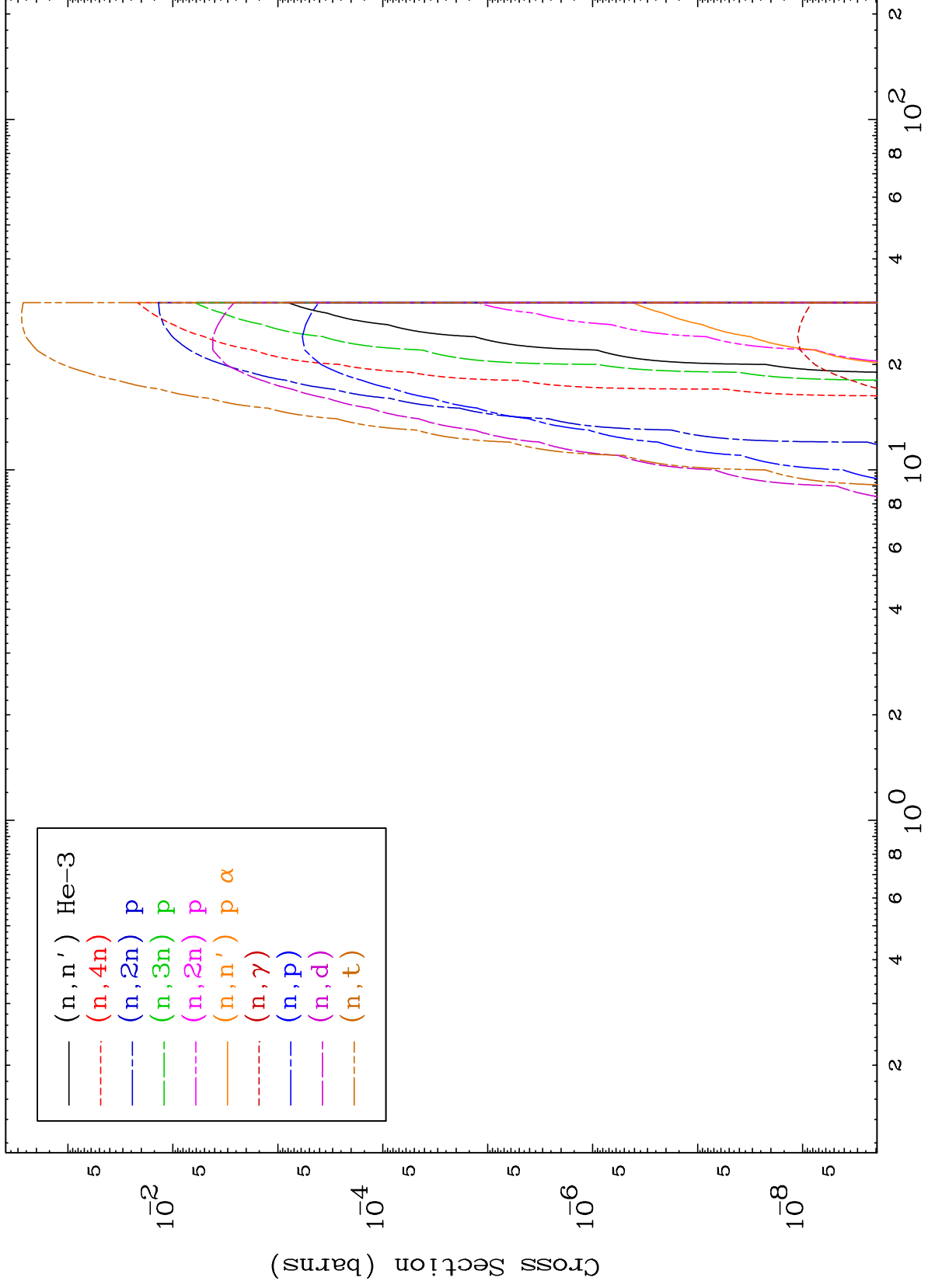


MAT 7134

He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-178

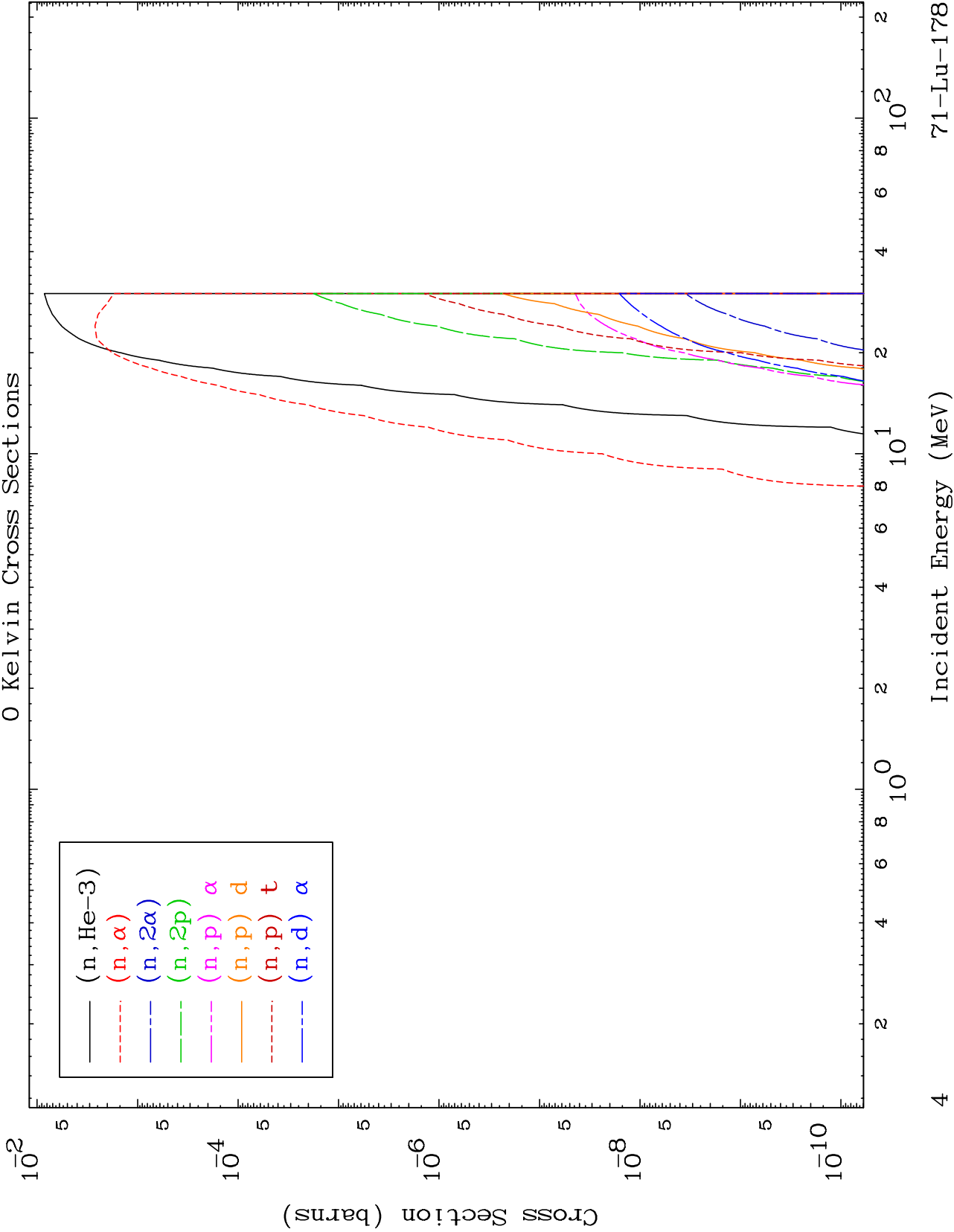




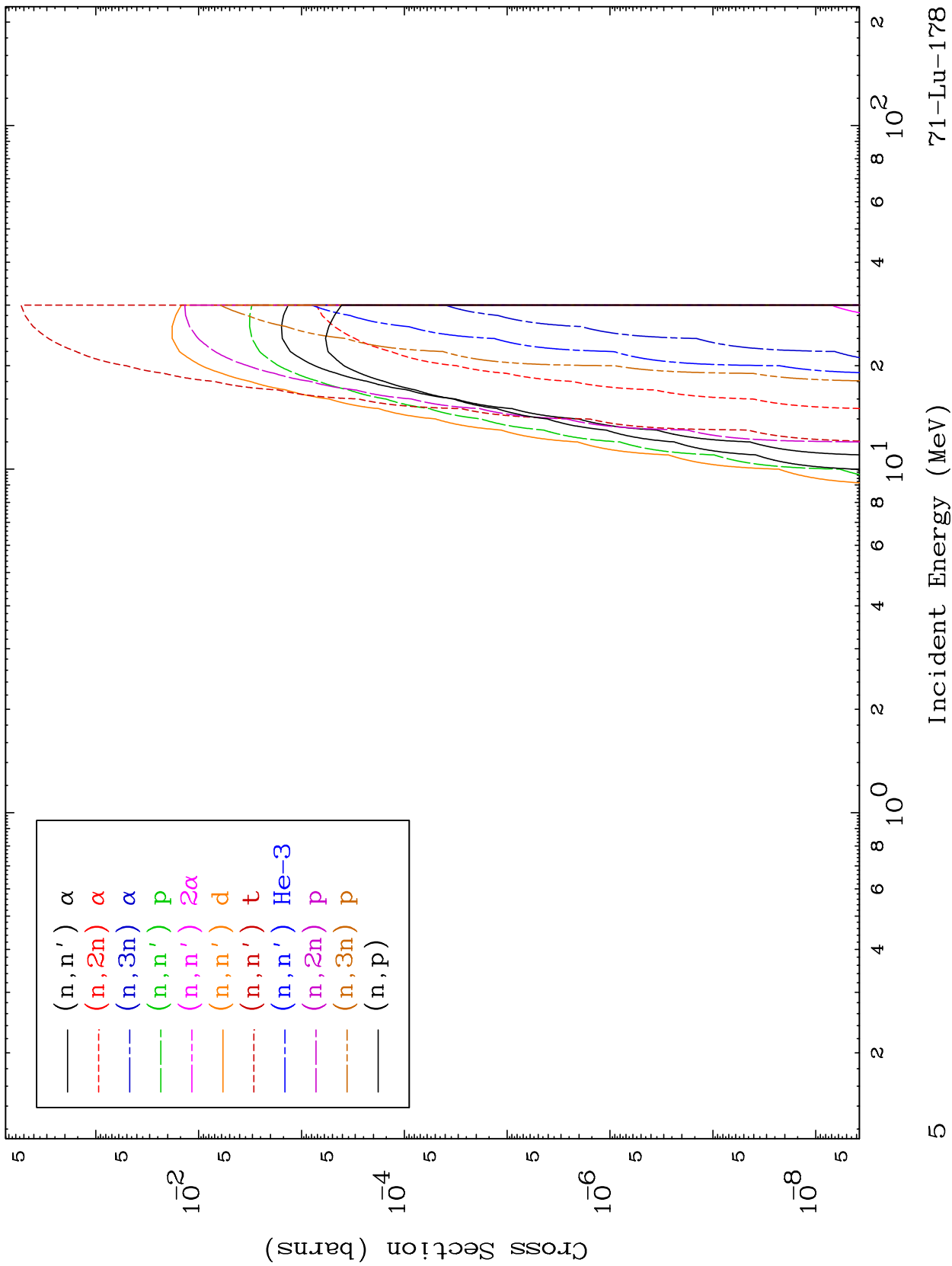
MAT 7134

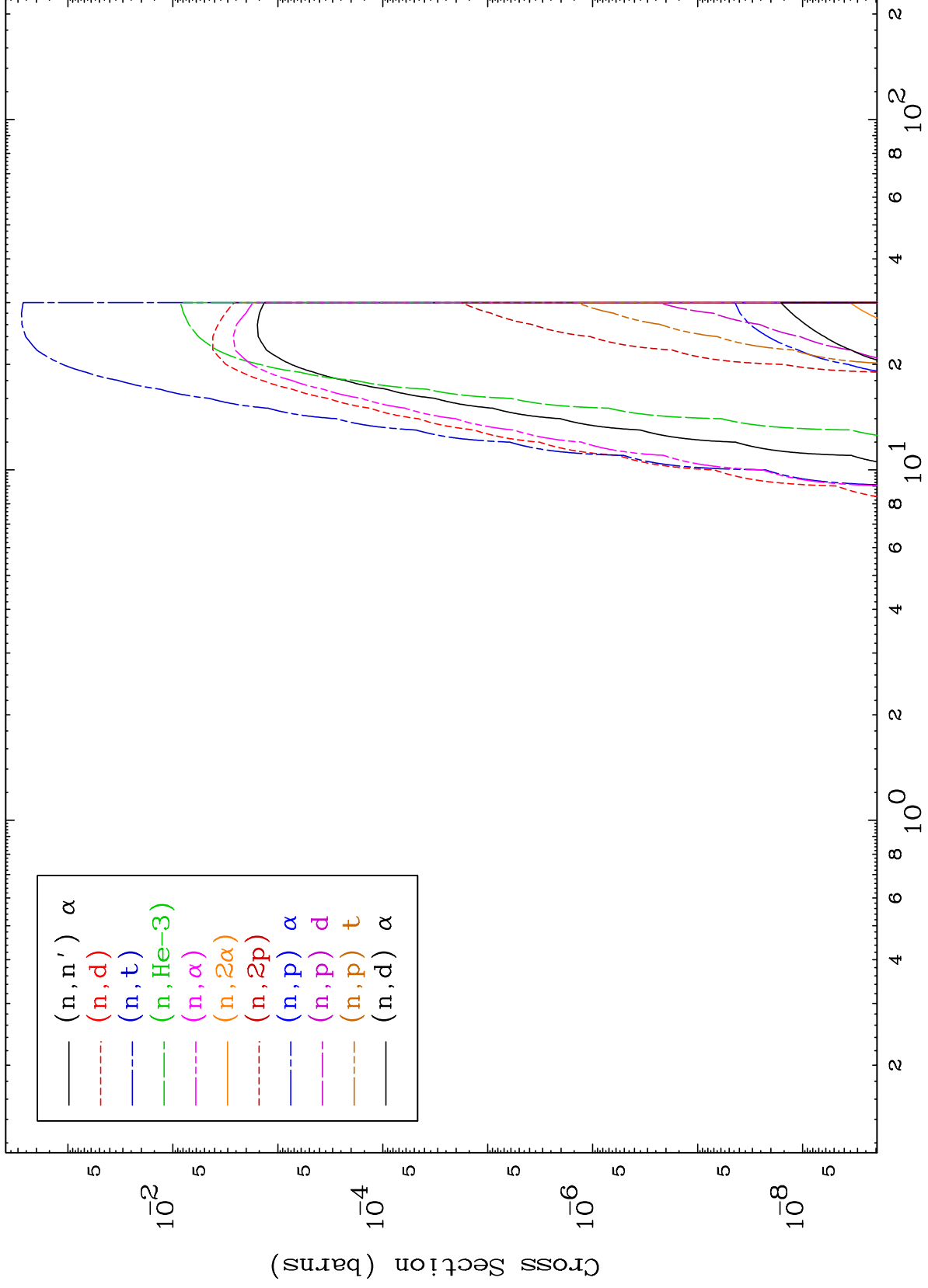
He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-178



71-Lu-178

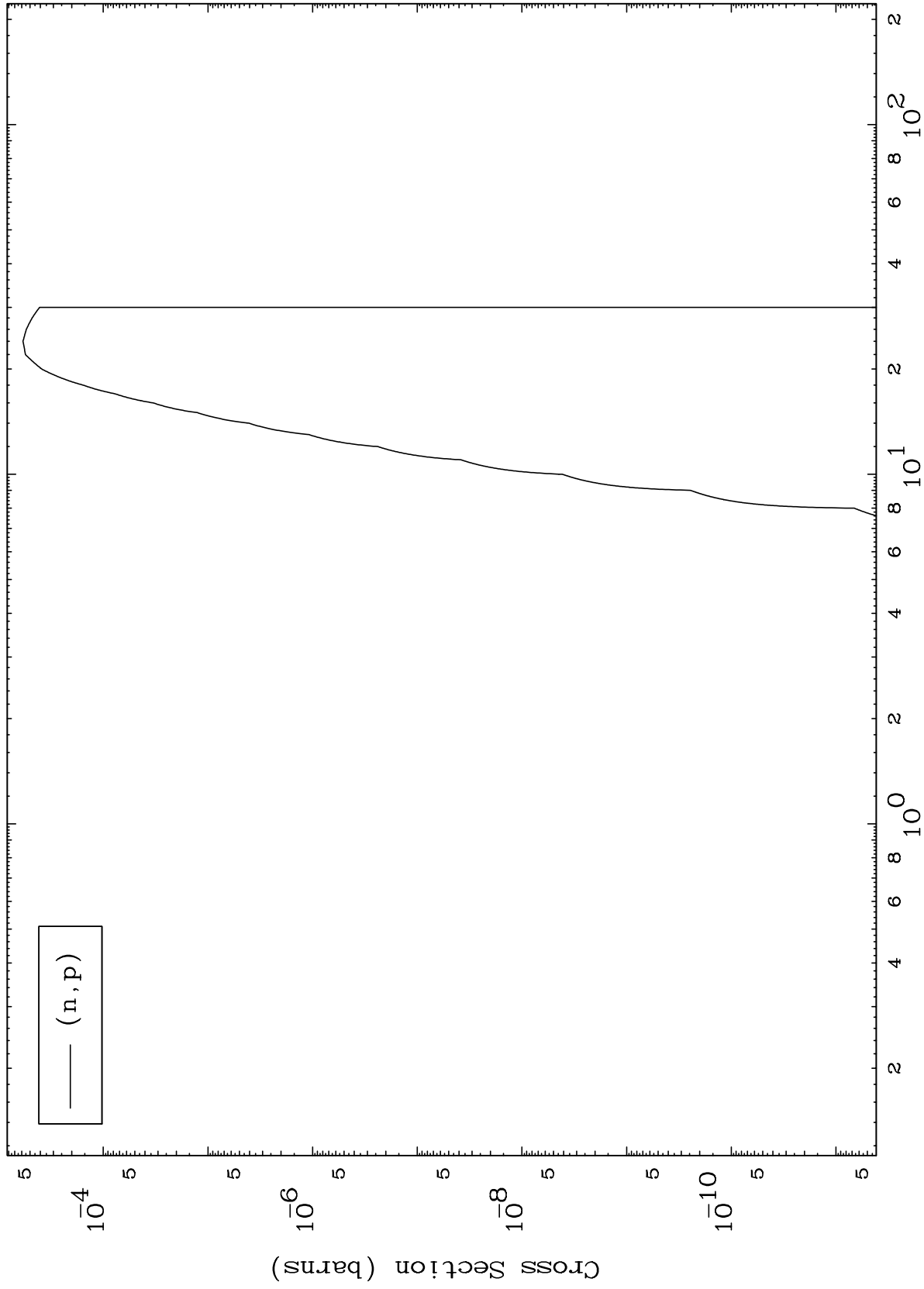




MAT 7134

71-Lu-178

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



71-Lu-178

Incident Energy (MeV)

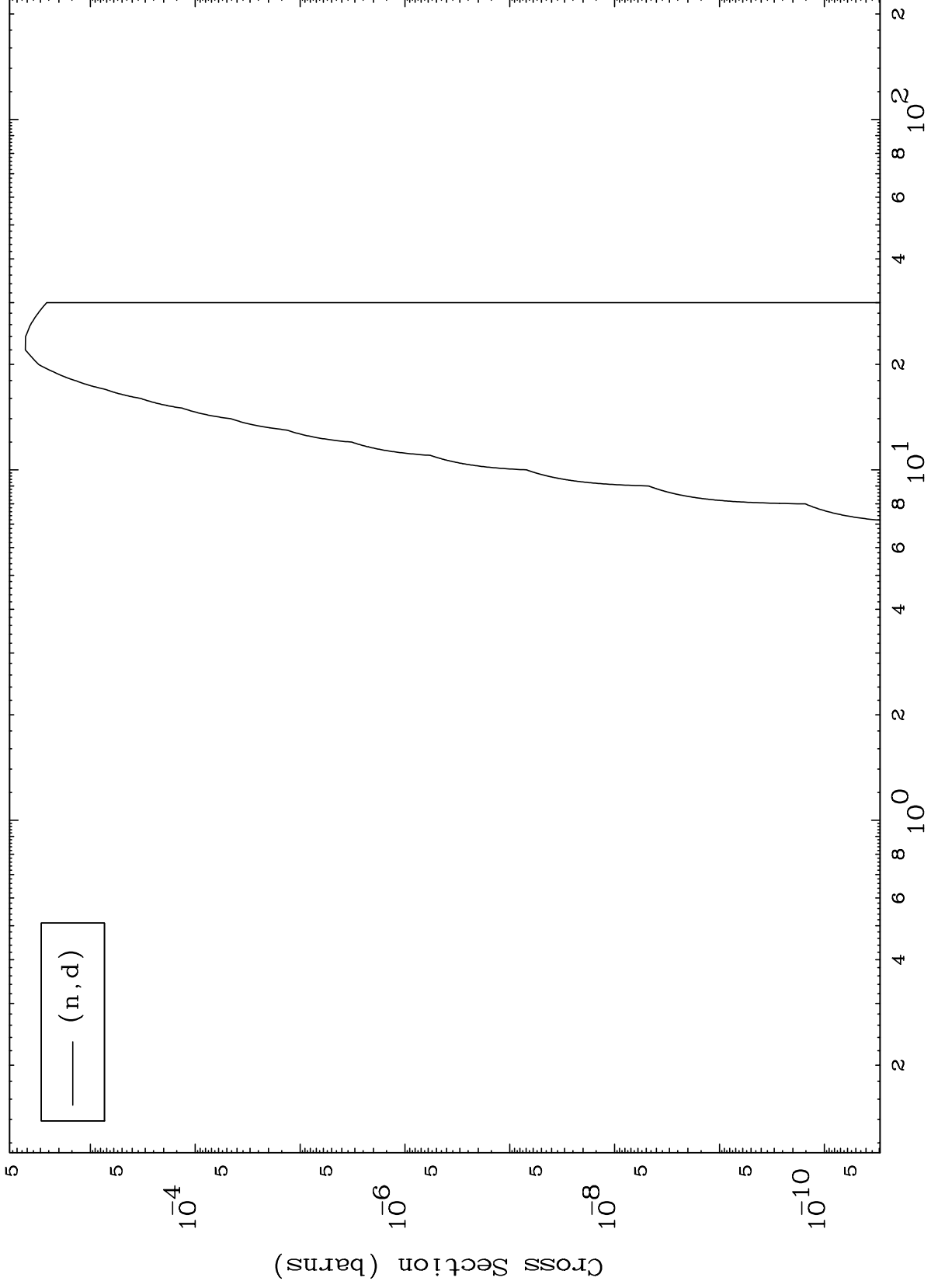
7

MAT 7134

(He-3,d) Levels

71-Lu-178

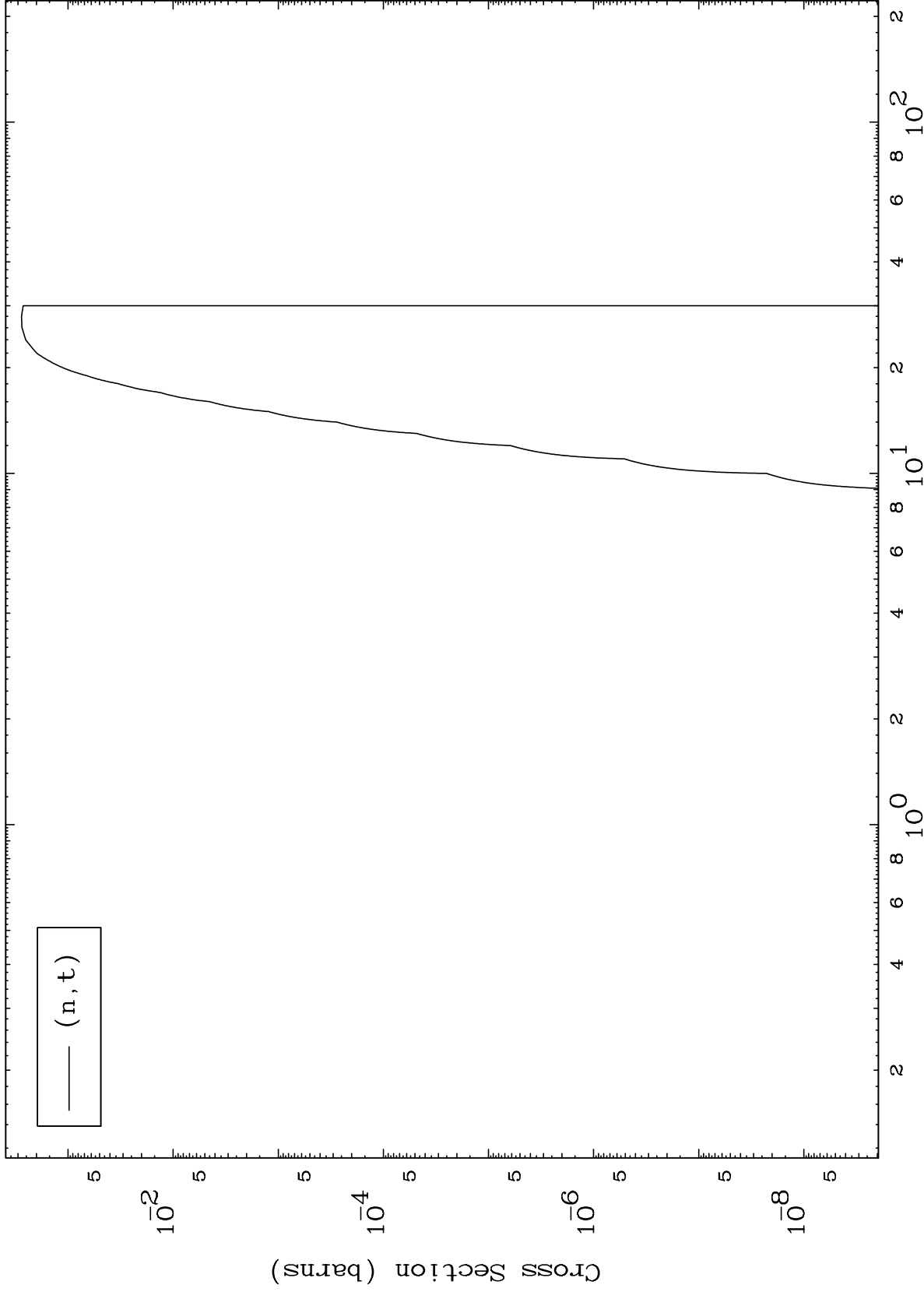
0 Kelvin Cross Sections



MAT 7134

71-Lu-178

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

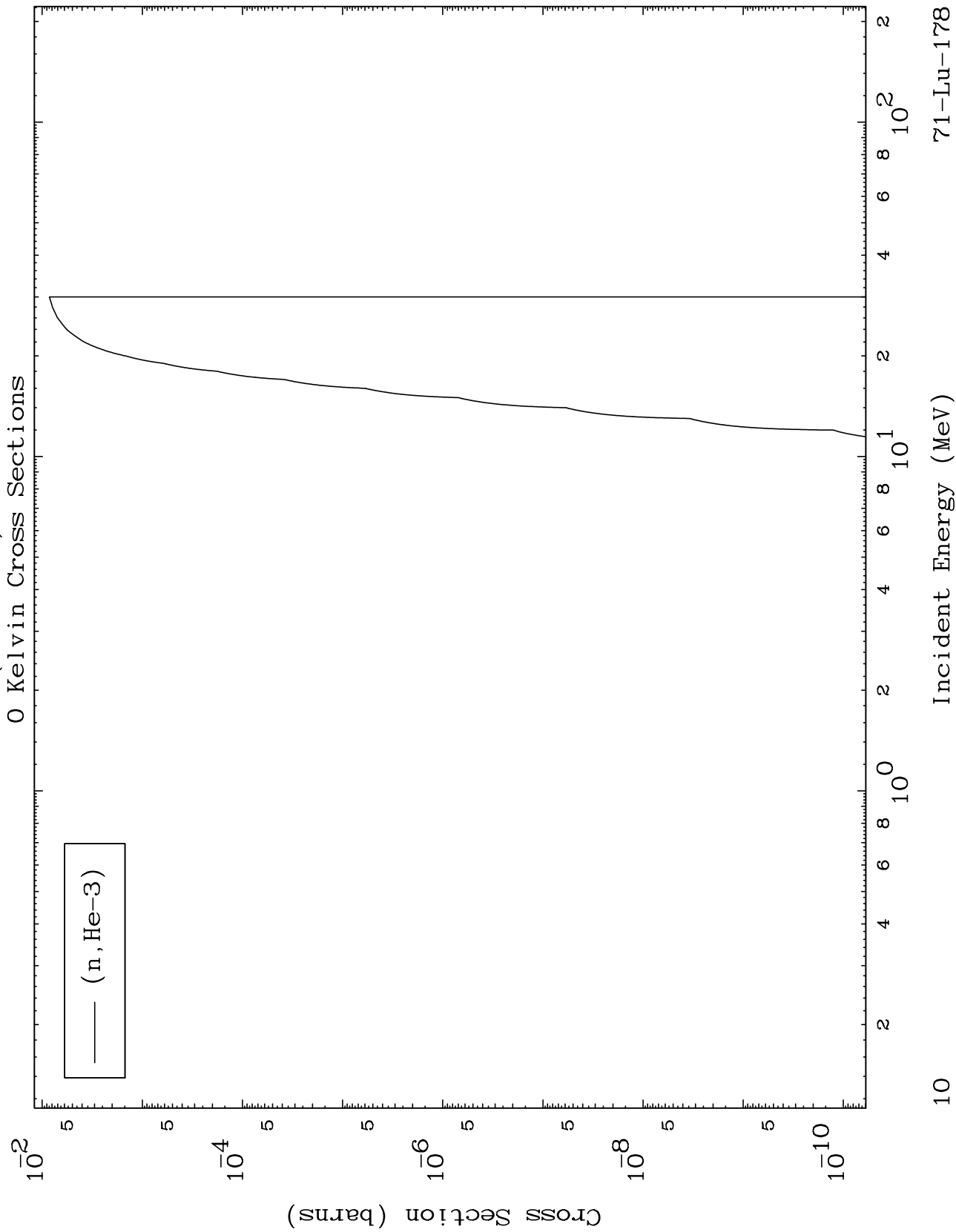


MAT 7134

(He-3, He3) Levels

71-Lu-178

0 Kelvin Cross Sections



10

Incident Energy (MeV)

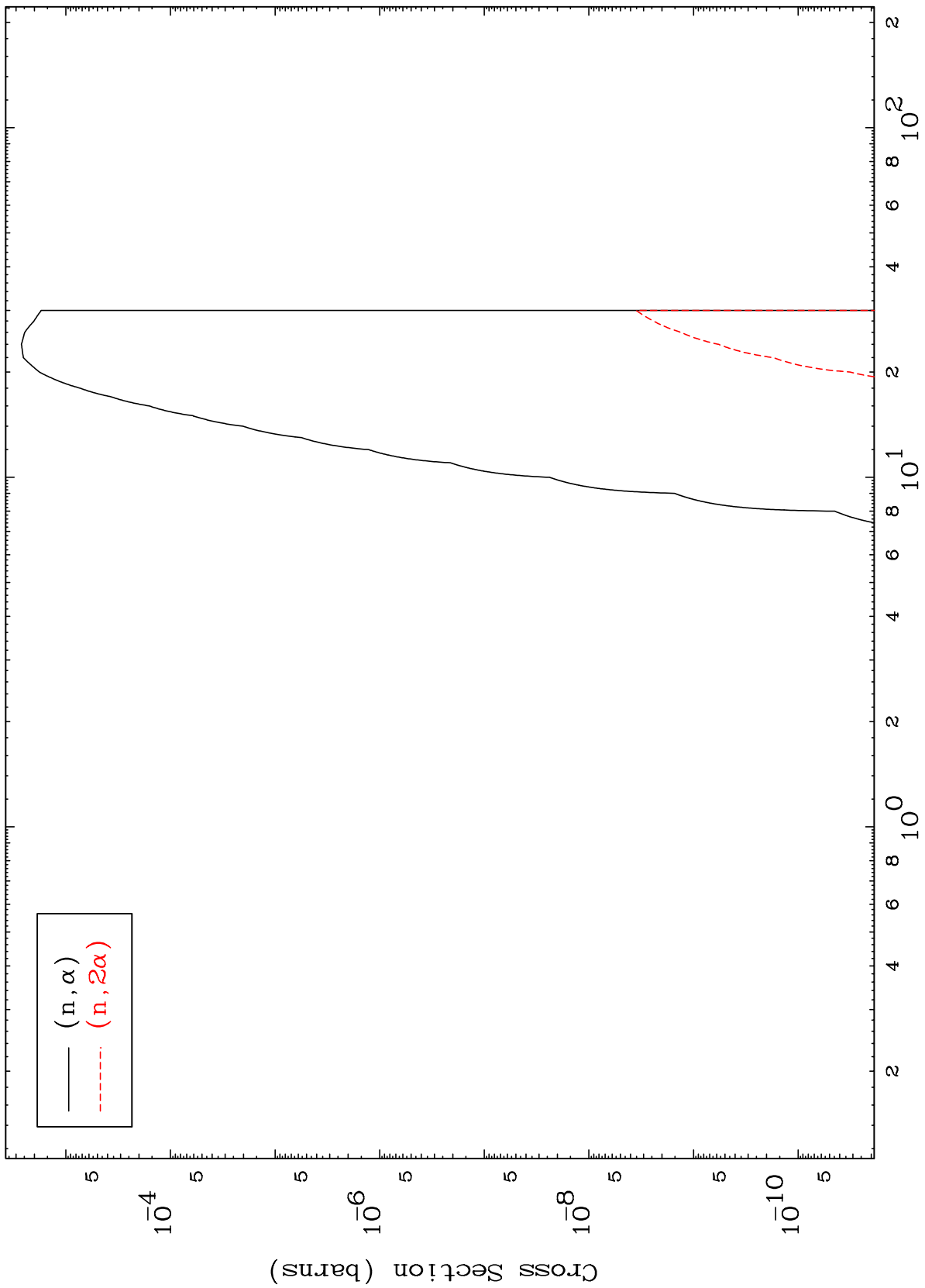
71-Lu-178

MAT 7134

(He-3, α) Levels

71-Lu-178

0 Kelvin Cross Sections

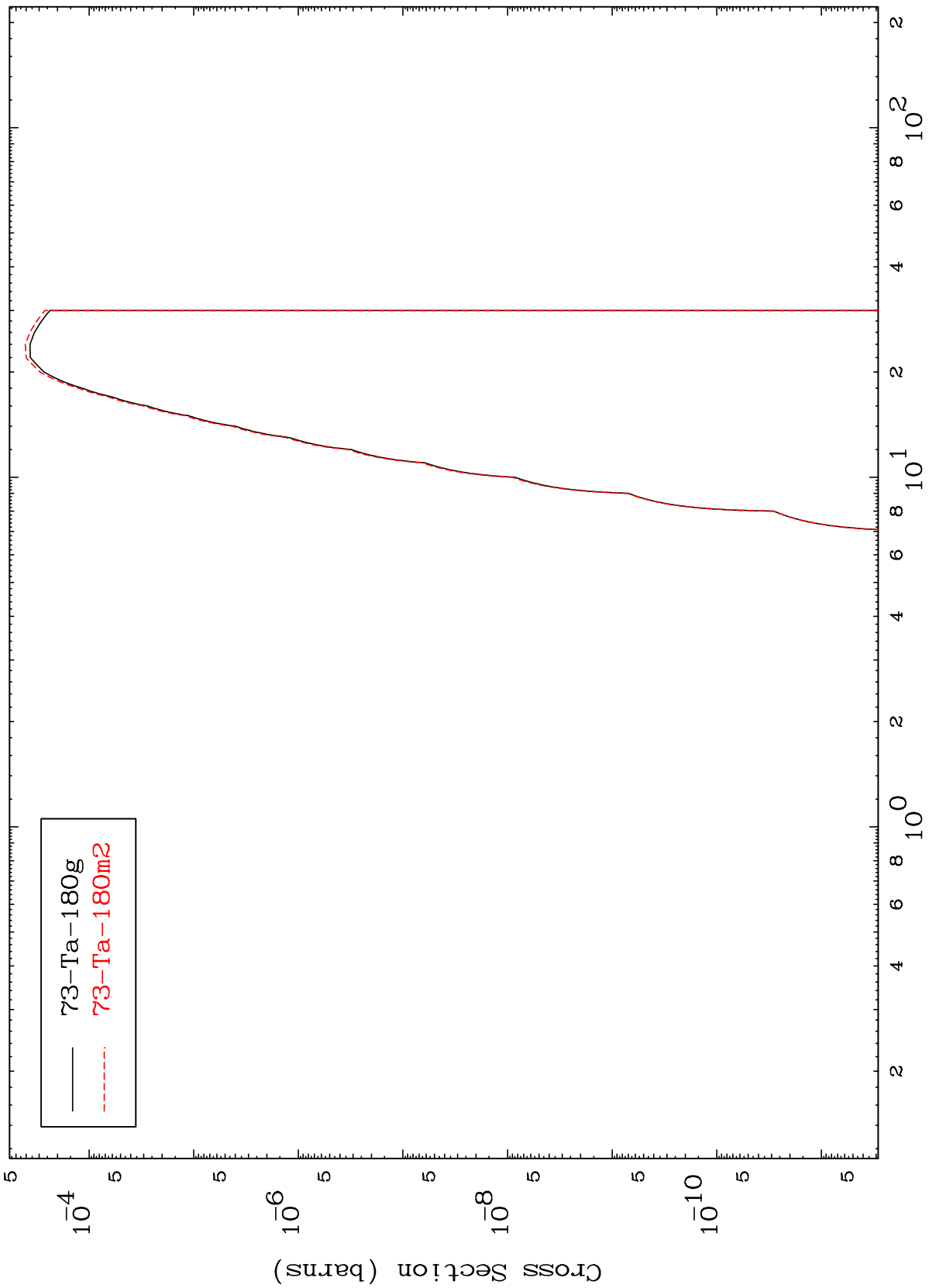


— (n, α)
- - - $(n, 2\alpha)$

MAT 7134

71-Lu-178

Inelastic
Radionuclide Production Cross Section

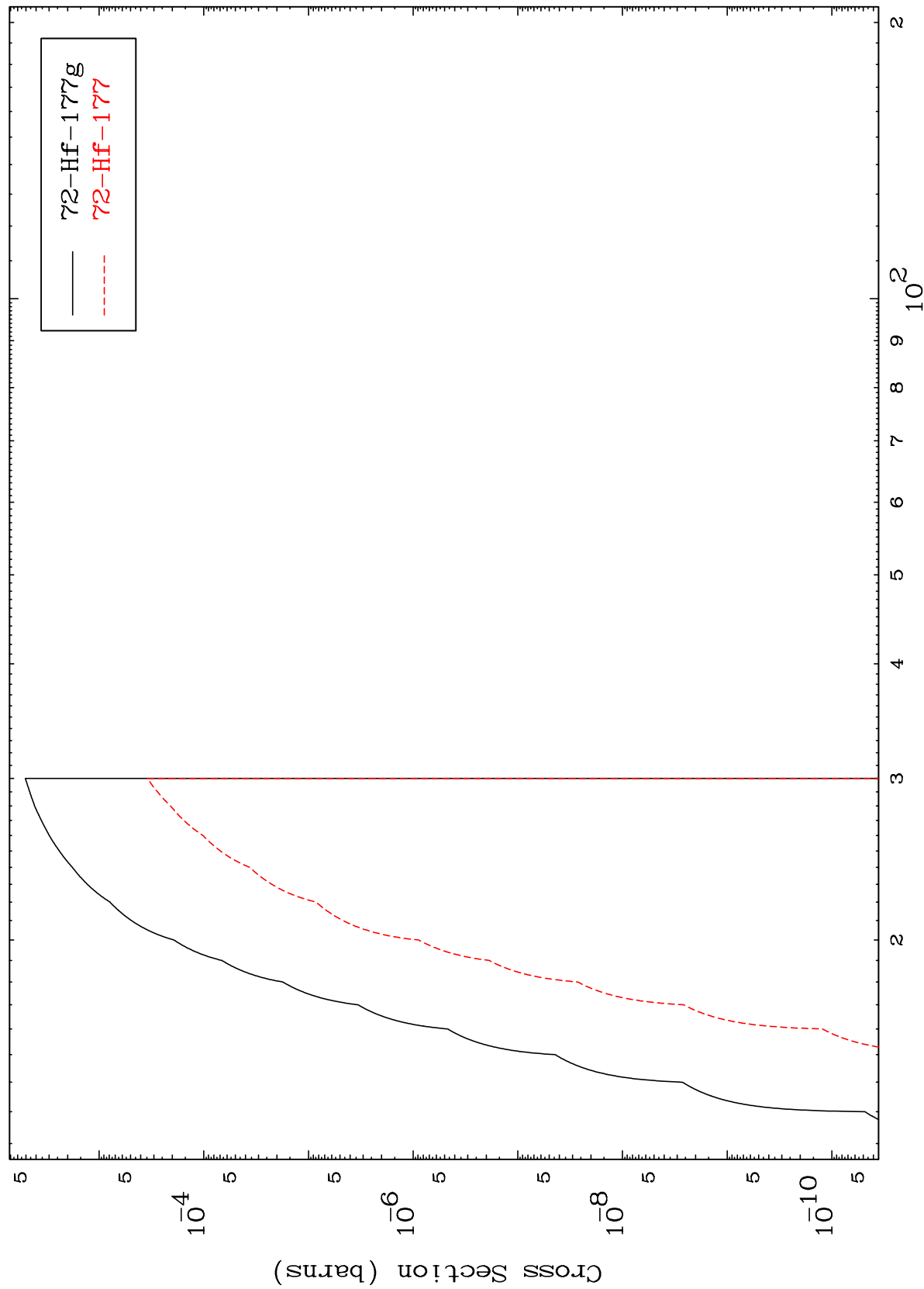


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(n,2n) d

71-Lu-178

Radionuclide Production Cross Section



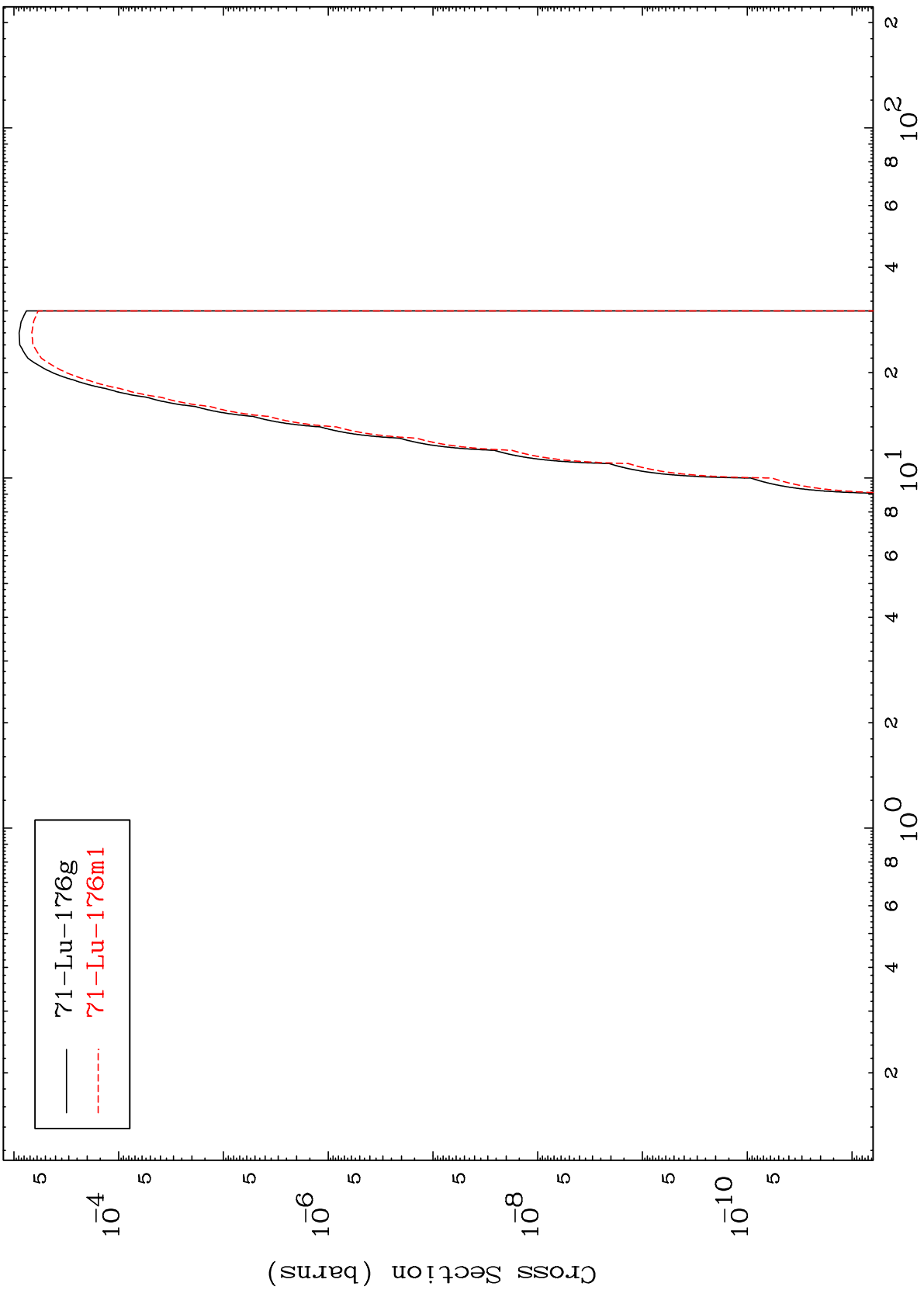
72-Hf-177g
72-Hf-177

MAT 7134

(n, n') α

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

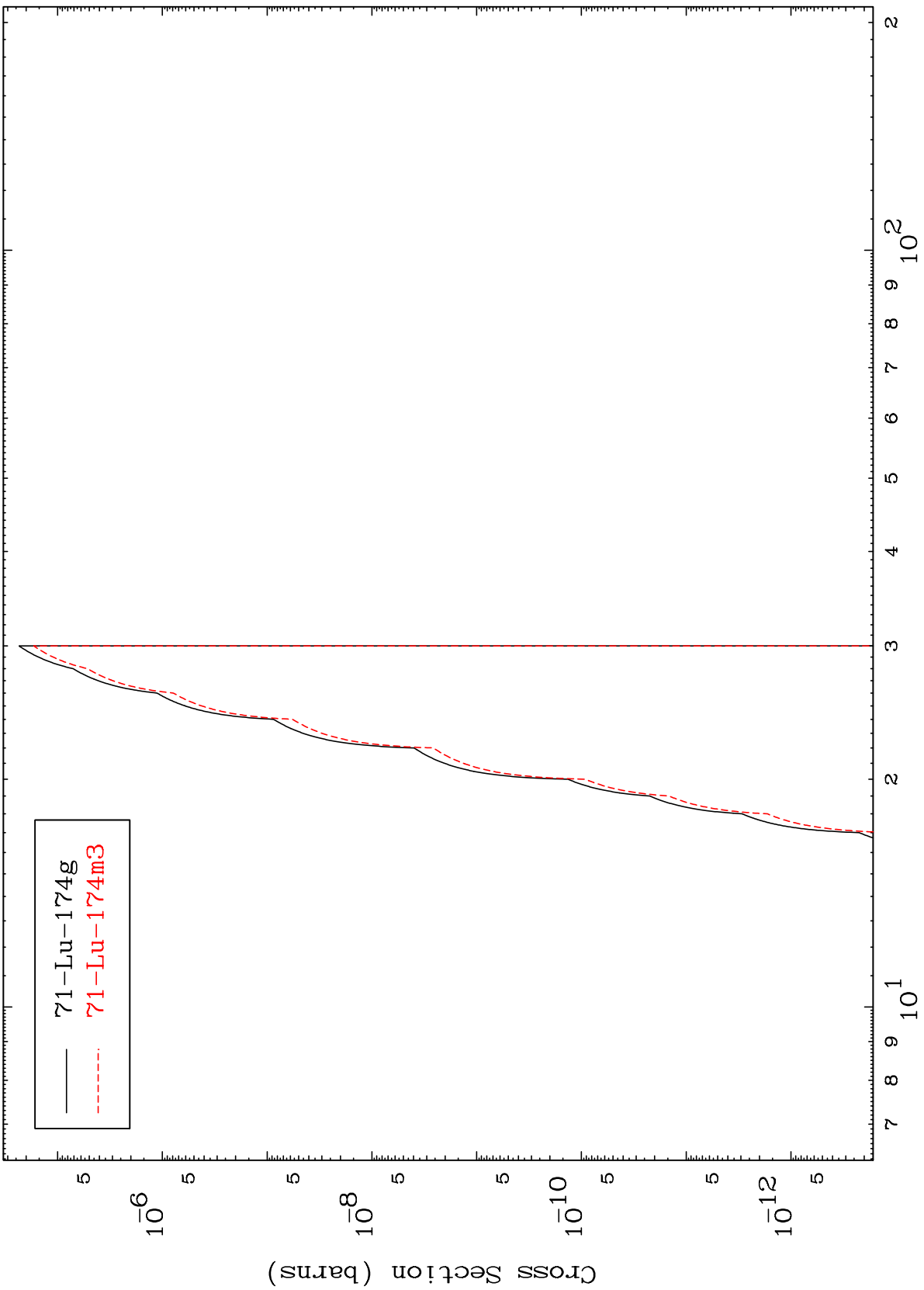
$^{71}\text{Lu-178}$

MAT 7134

$(n,3n) \alpha$

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

Radionuclide Production Cross Section



71-Lu-174g
71-Lu-174m3

15

Incident Energy (MeV)

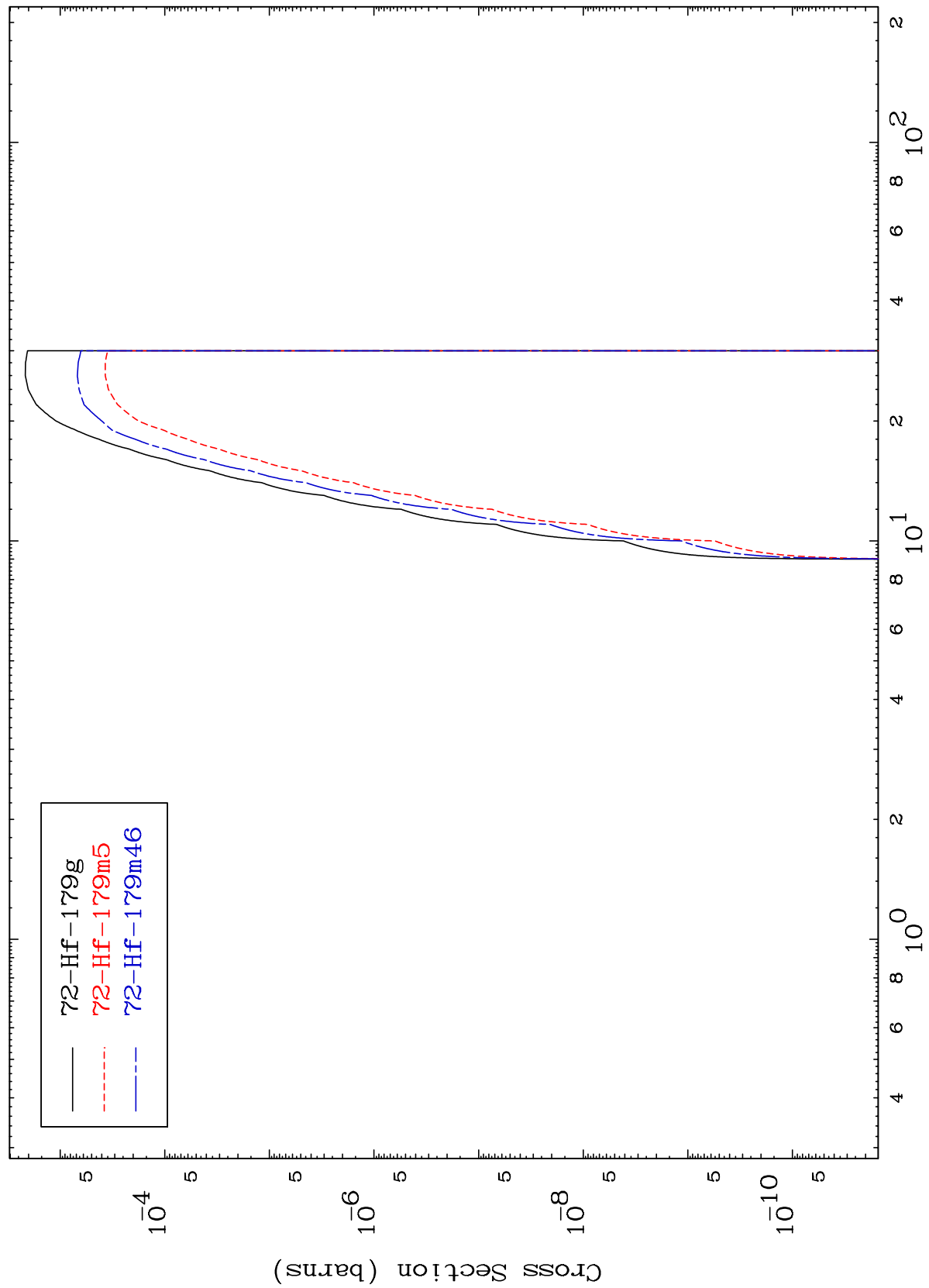
$^{71}\text{Lu-178}$

MAT 7134

(n,n') p

71-Lu-178

Radionuclide Production Cross Section



16

Incident Energy (MeV)

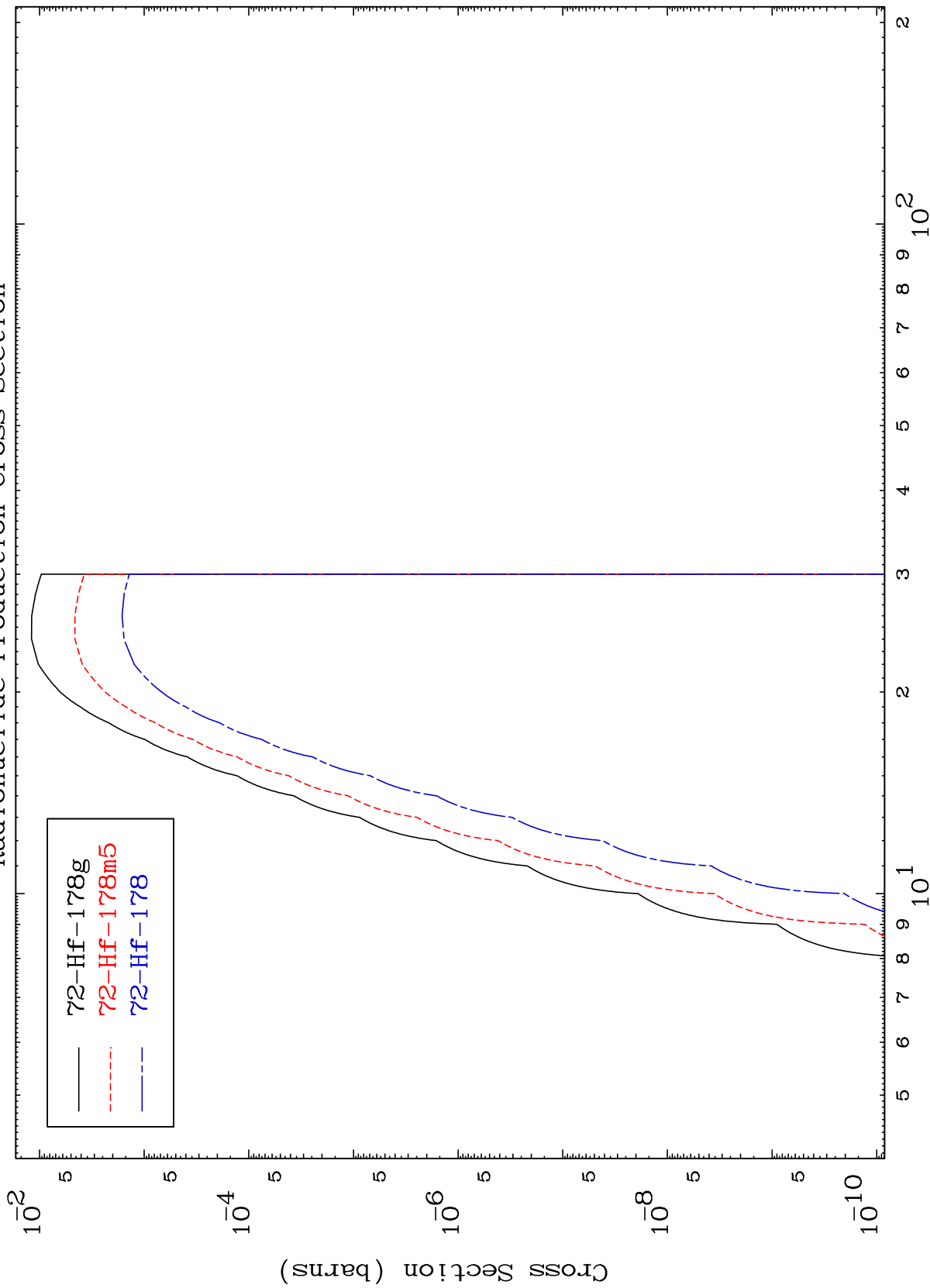
71-Lu-178

MAT 7134

(n,n') d

71-Lu-178

Radionuclide Production Cross Section



17

Incident Energy (MeV)

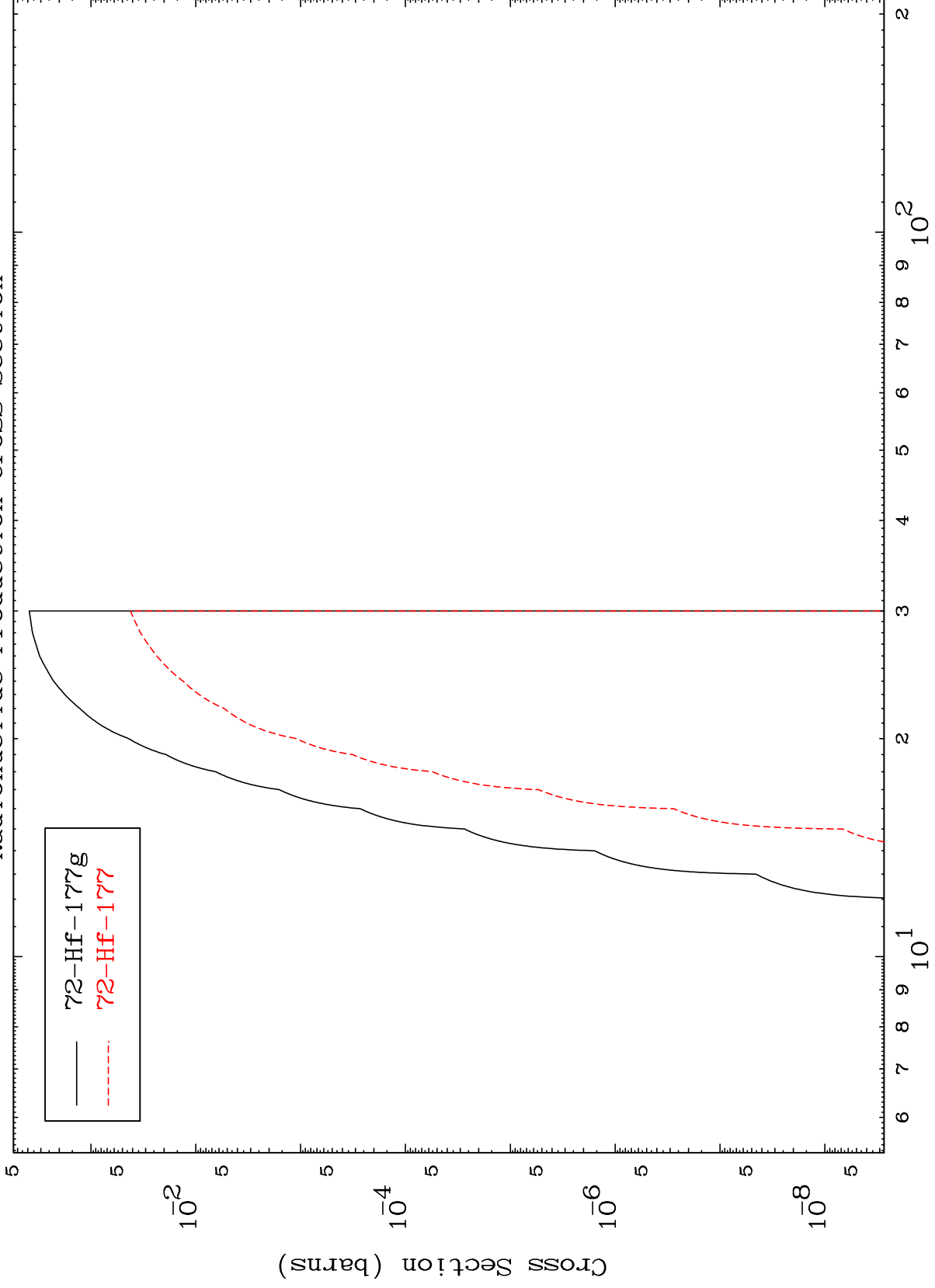
71-Lu-178

MAT 7134

(n,n') t

71-Lu-178

Radionuclide Production Cross Section



18

Incident Energy (MeV)

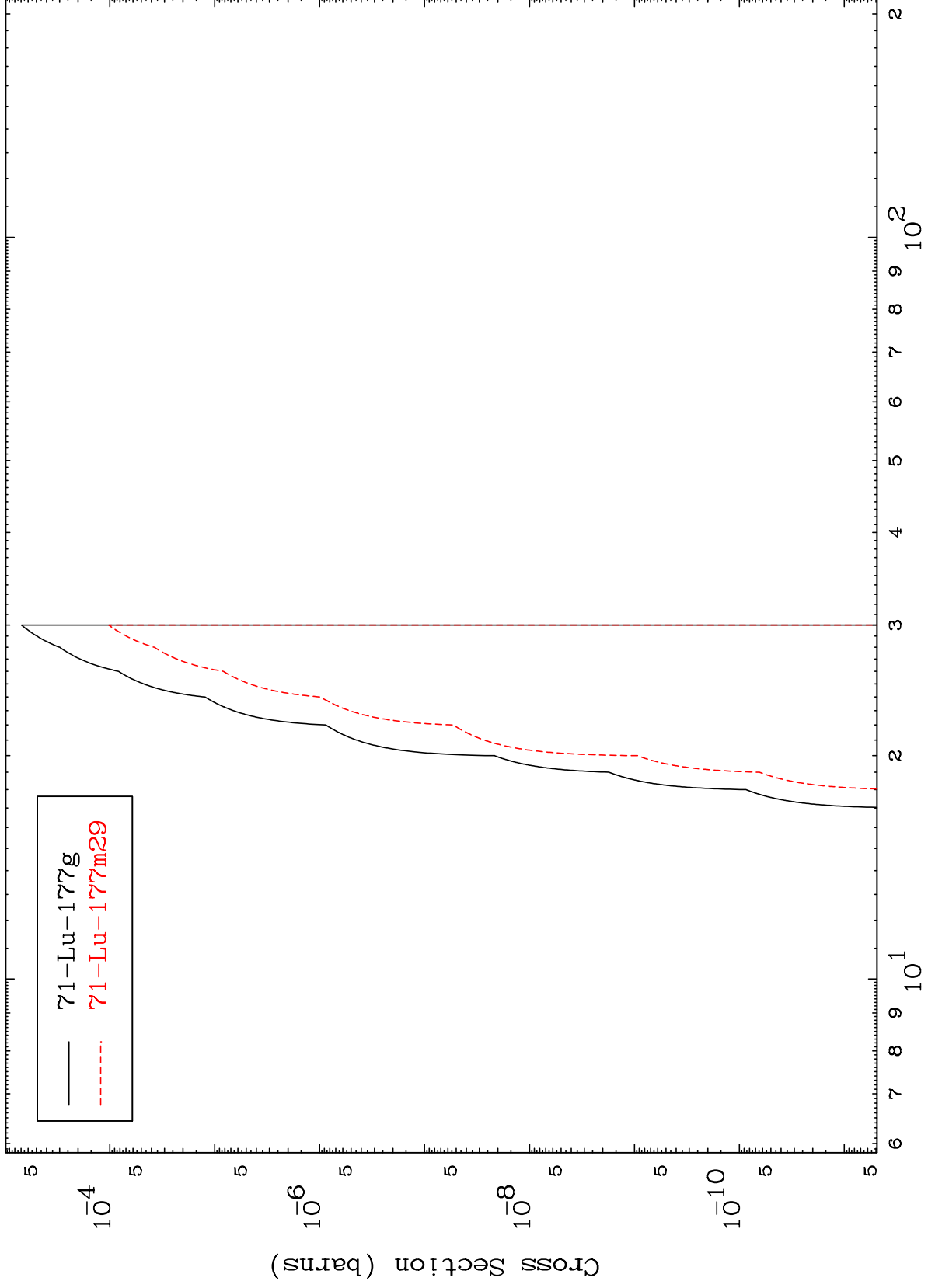
71-Lu-178

MAT 7134

(n,n') He-3

71-Lu-178

Radionuclide Production Cross Section



19

Incident Energy (MeV)

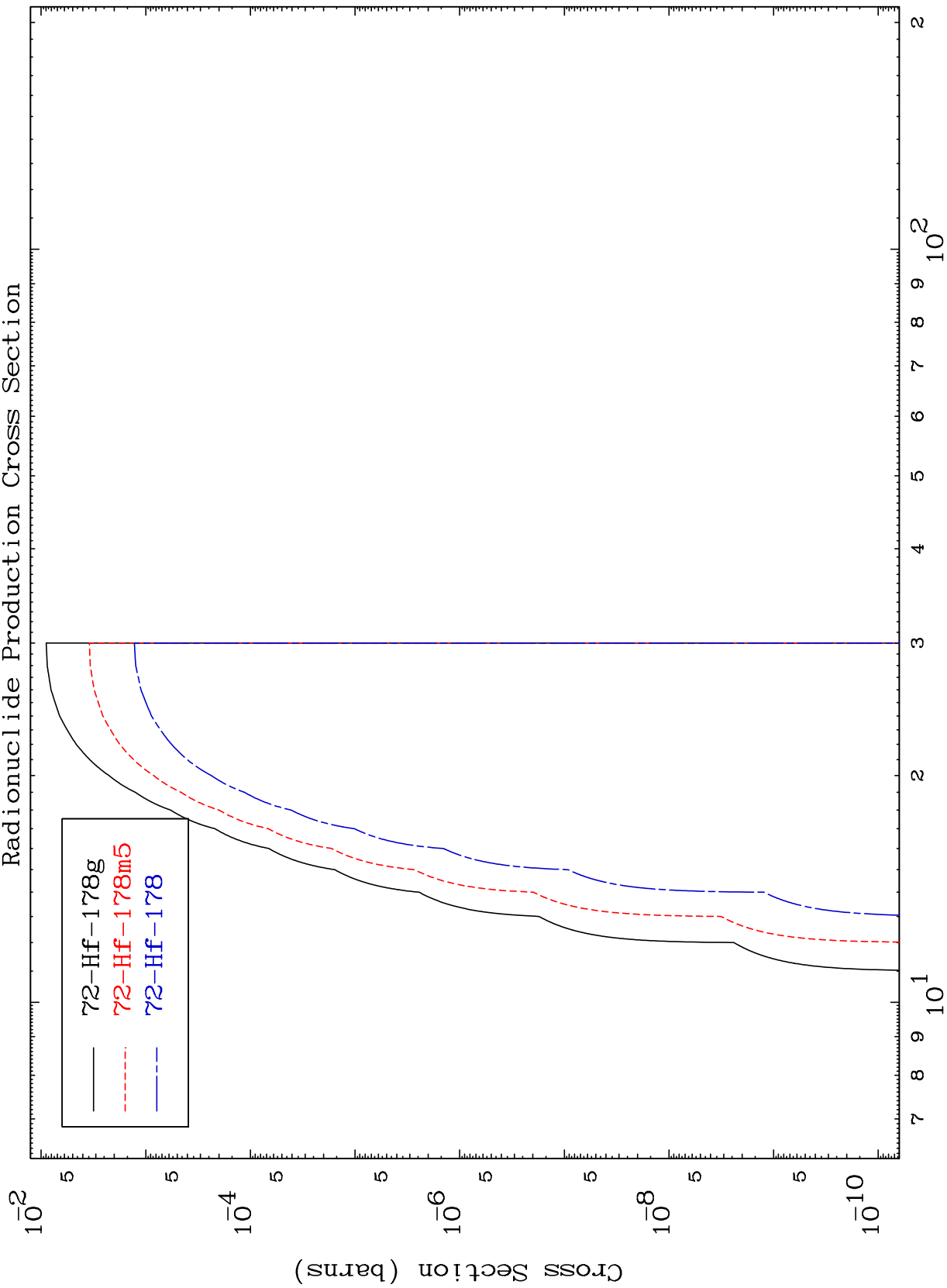
71-Lu-178

MAT 7134

(n,2n) p

71-Lu-178

Radionuclide Production Cross Section

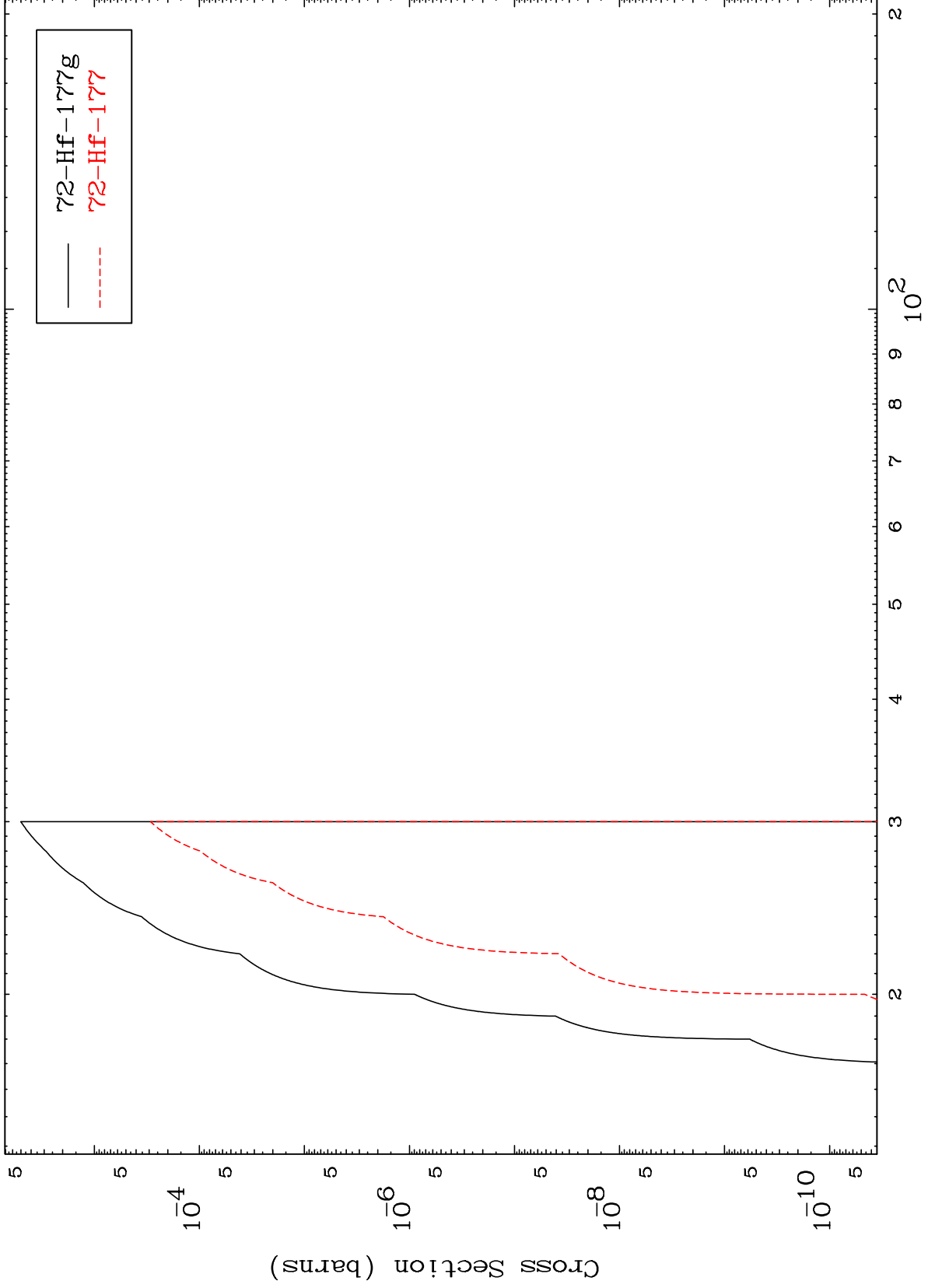


Incident Energy (MeV)

71-Lu-178

20

Radionuclide Production Cross Section

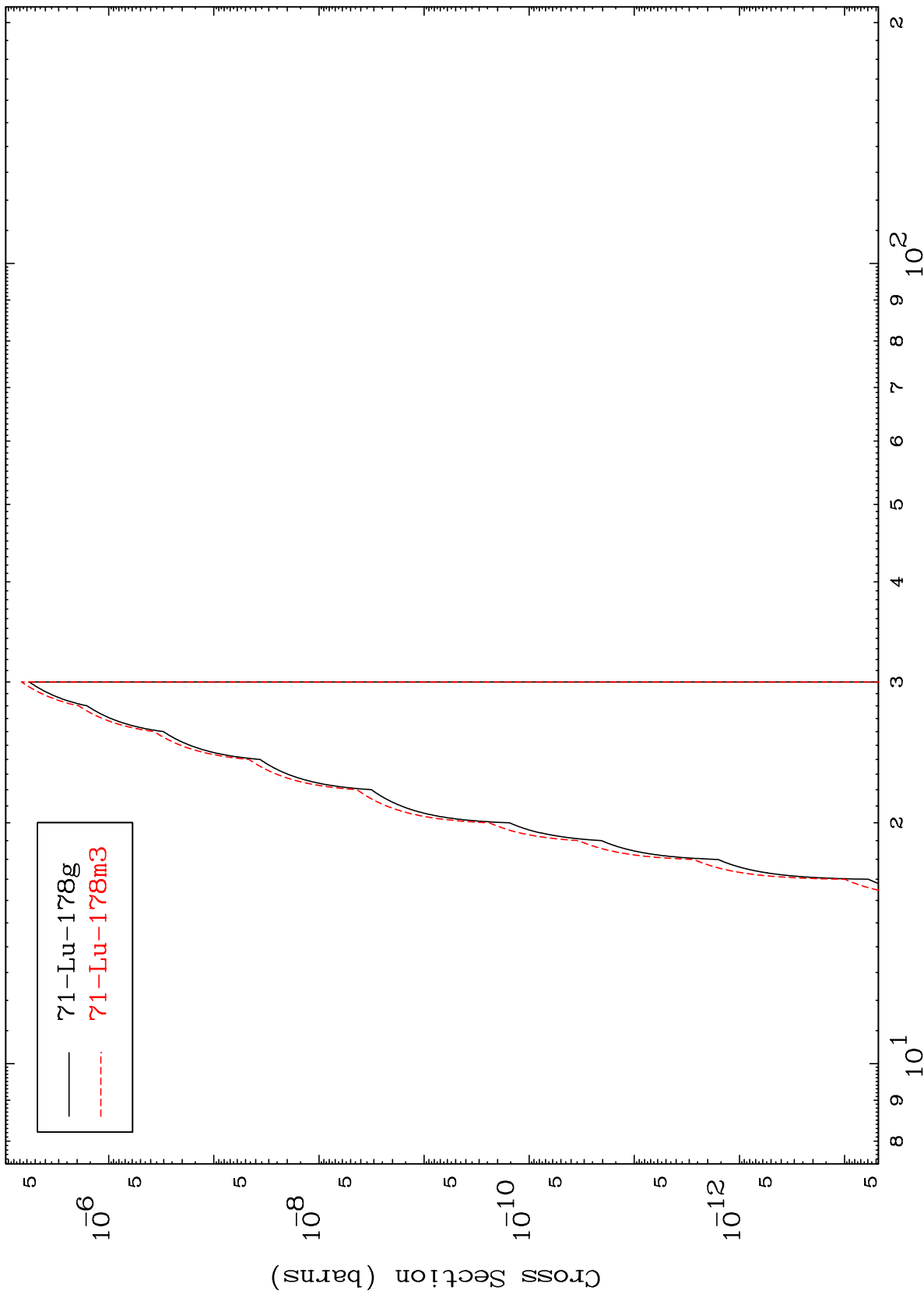


MAT 7134

(n,2n) p

71-Lu-178

Radionuclide Production Cross Section



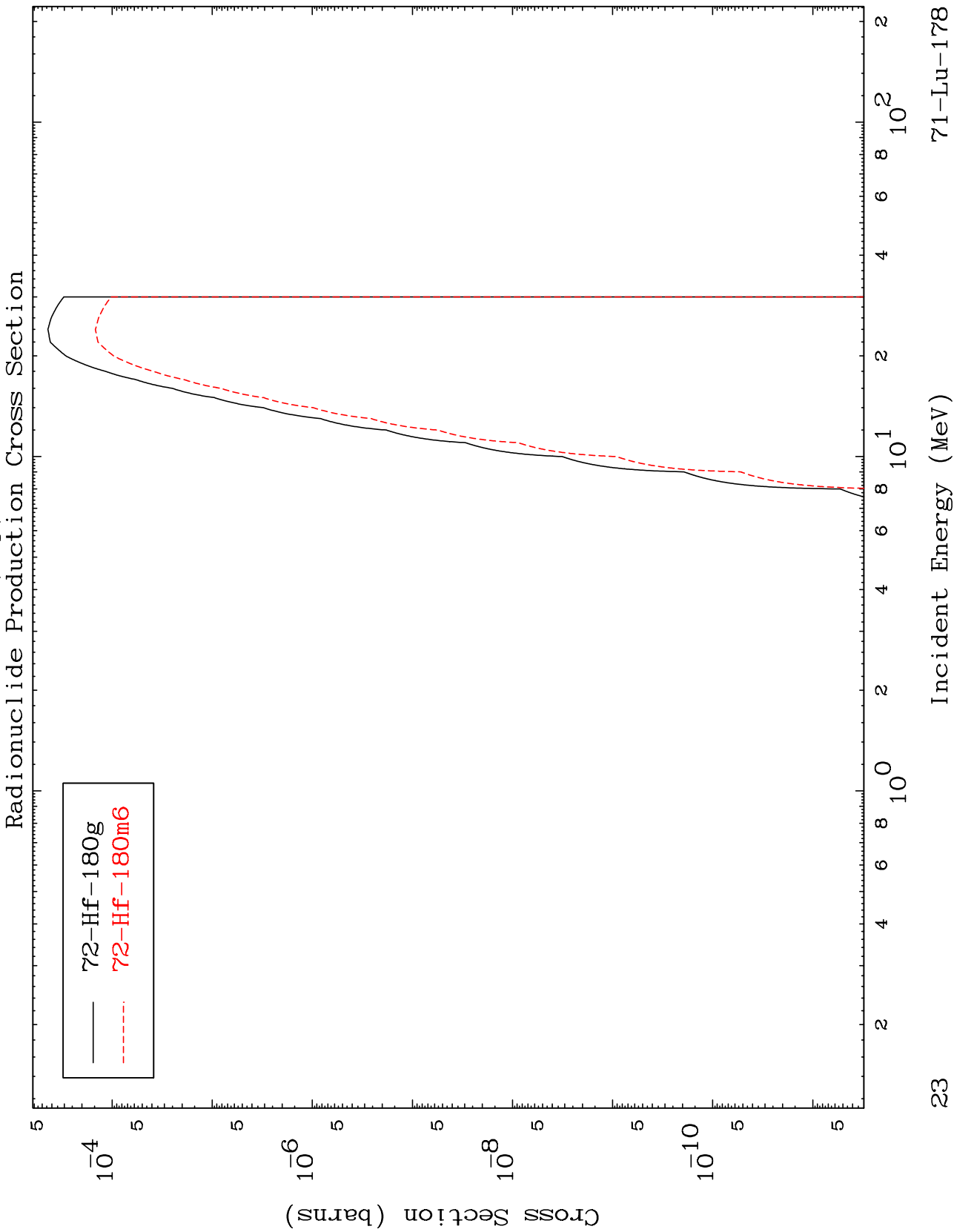
Incident Energy (MeV)

71-Lu-178

22

MAT 7134

71-Lu-178

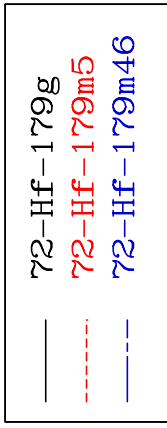
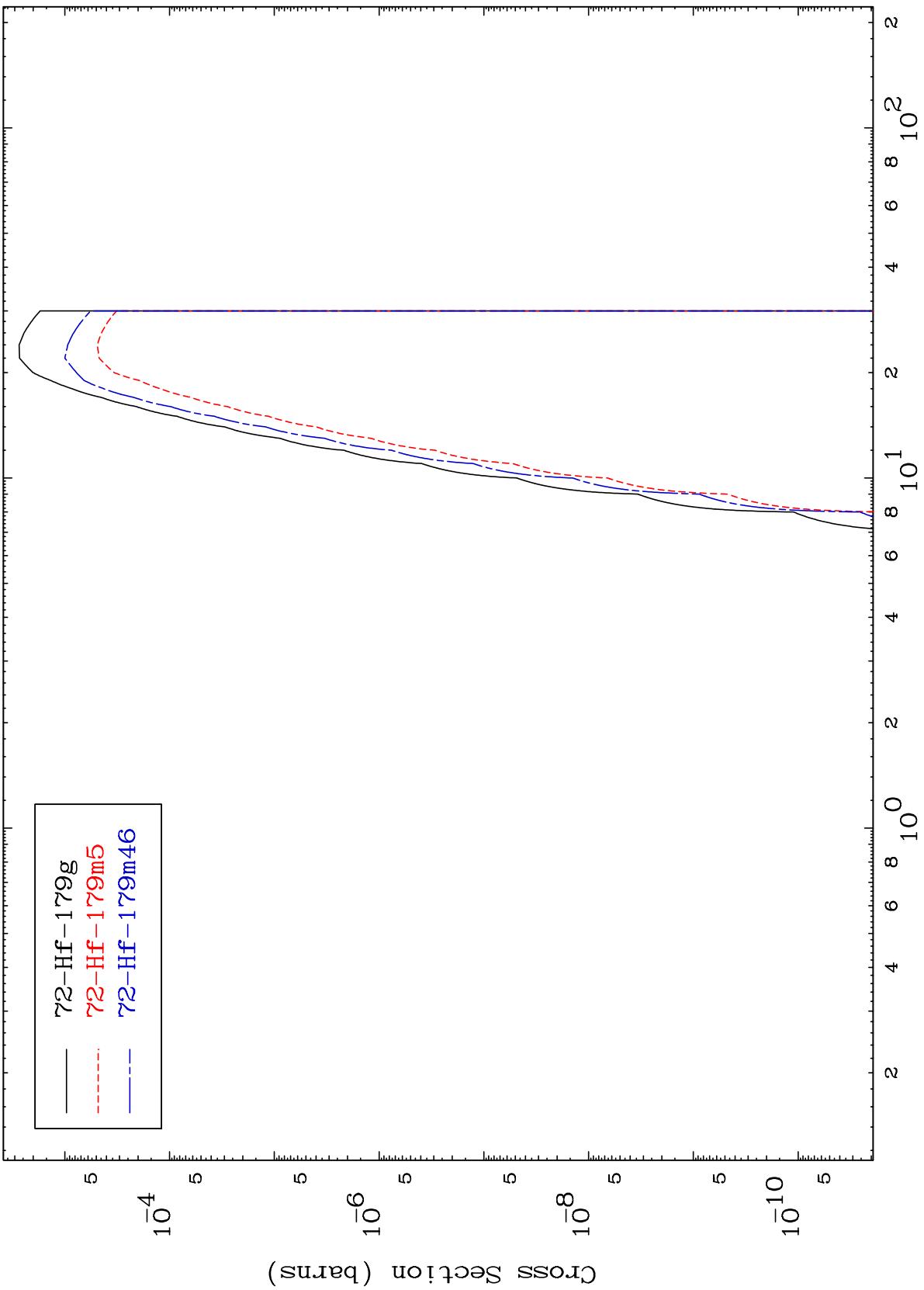


MAT 7134

(n,d)

⁷¹Lu-178

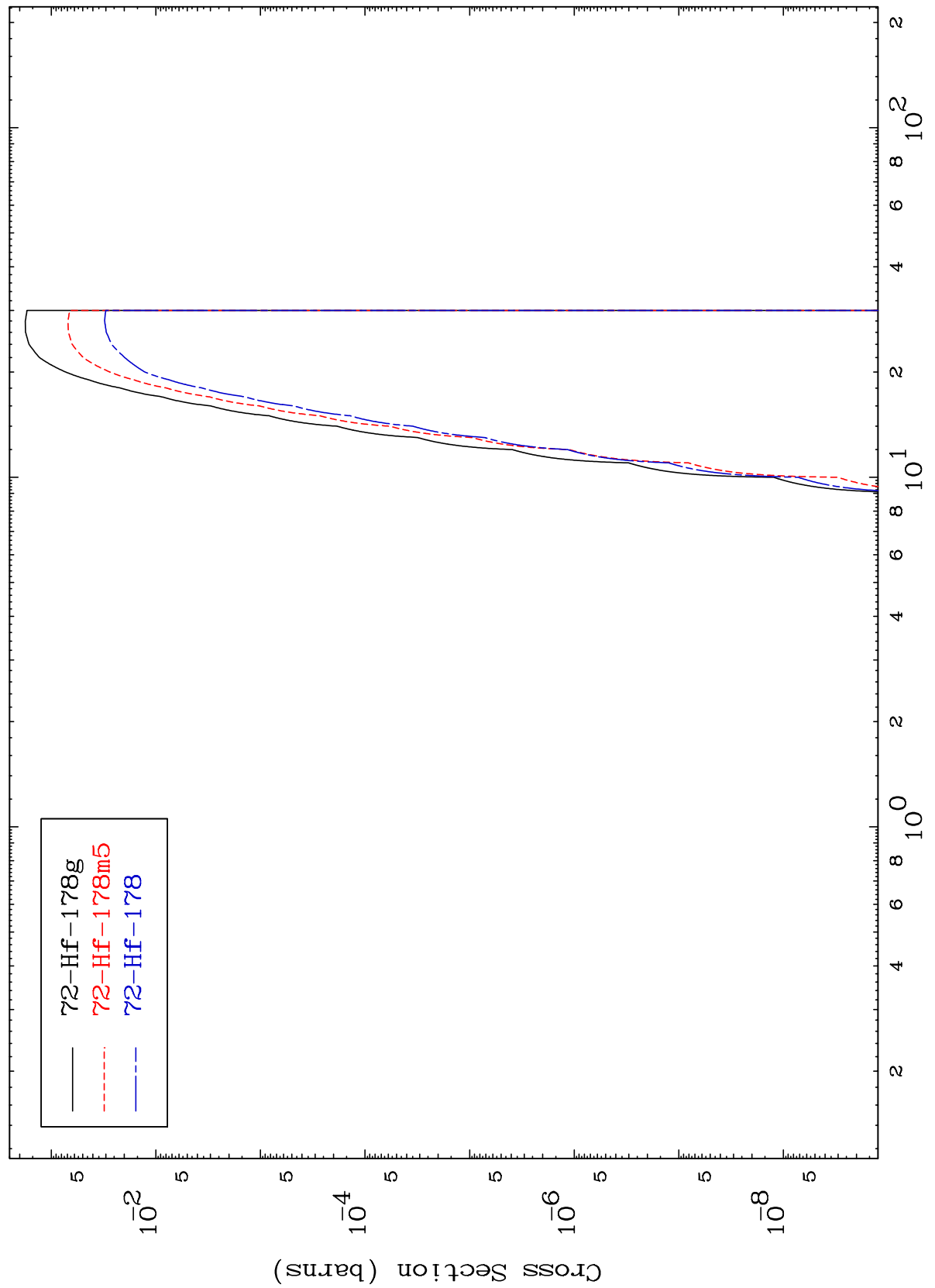
Radionuclide Production Cross Section



MAT 7134

71-Lu-178

(n, t)
Radionuclide Production Cross Section

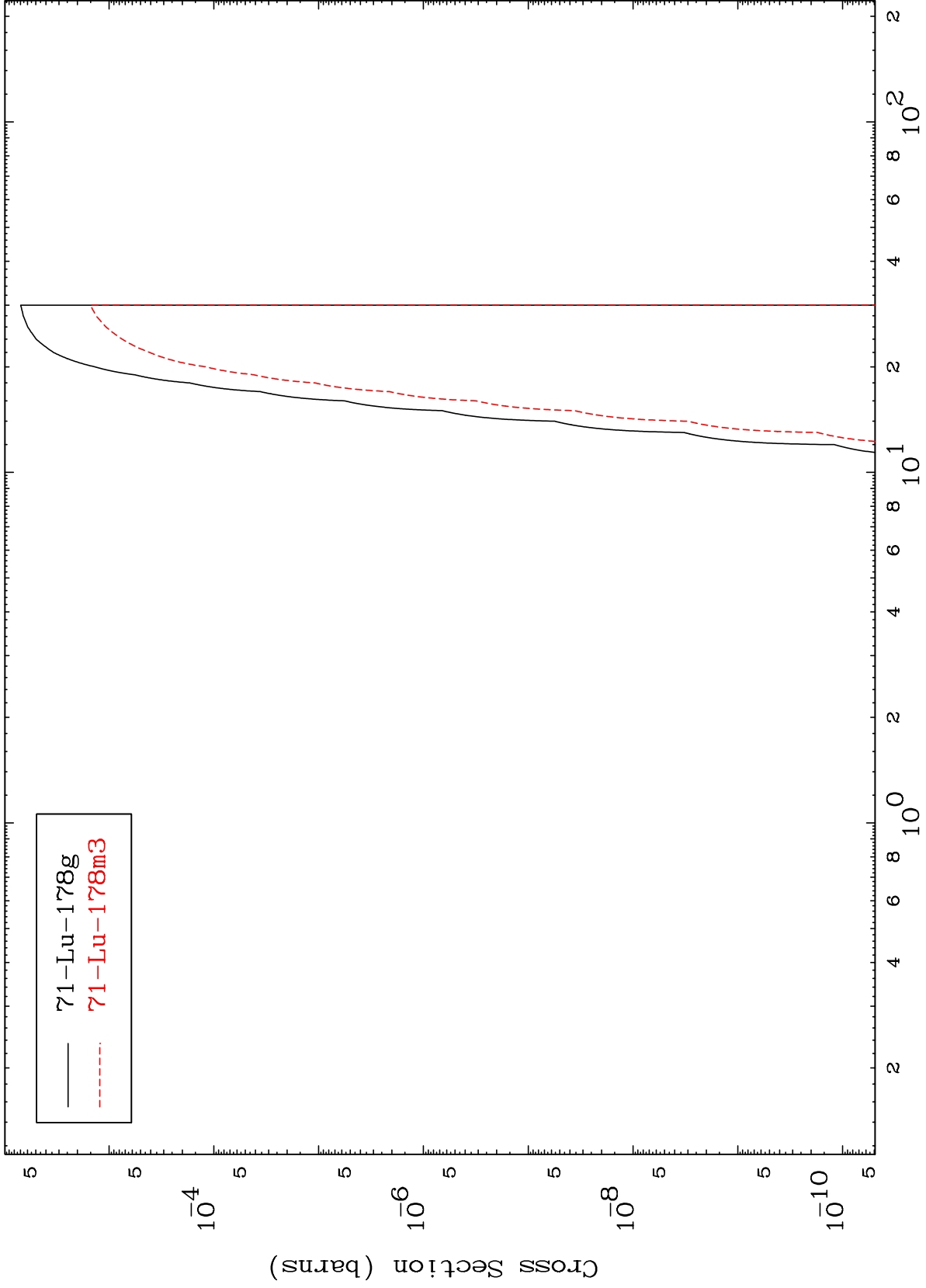


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(n,He-3)

71-Lu-178

Radionuclide Production Cross Section



26

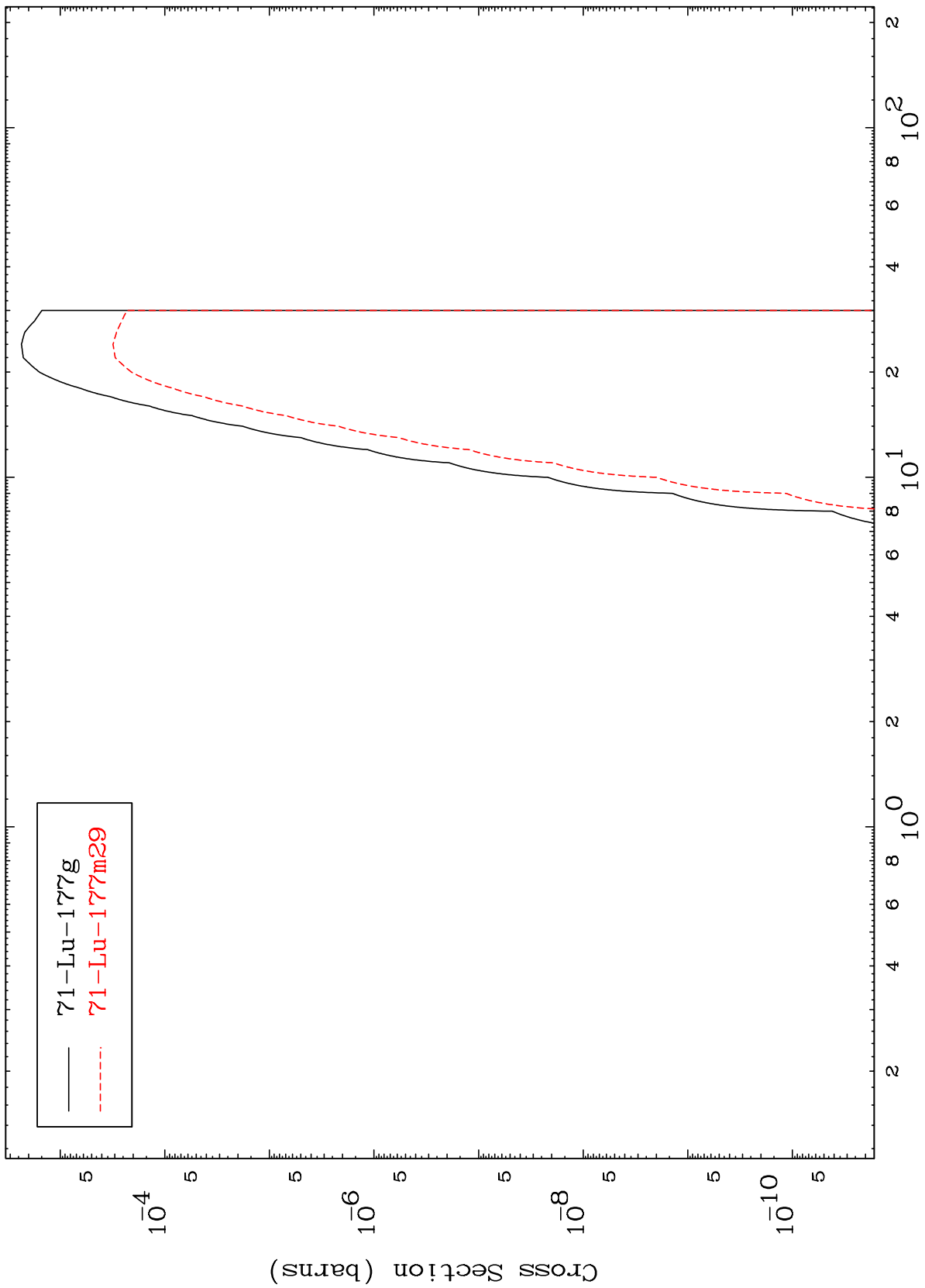
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

Radionuclide Production Cross Section



27

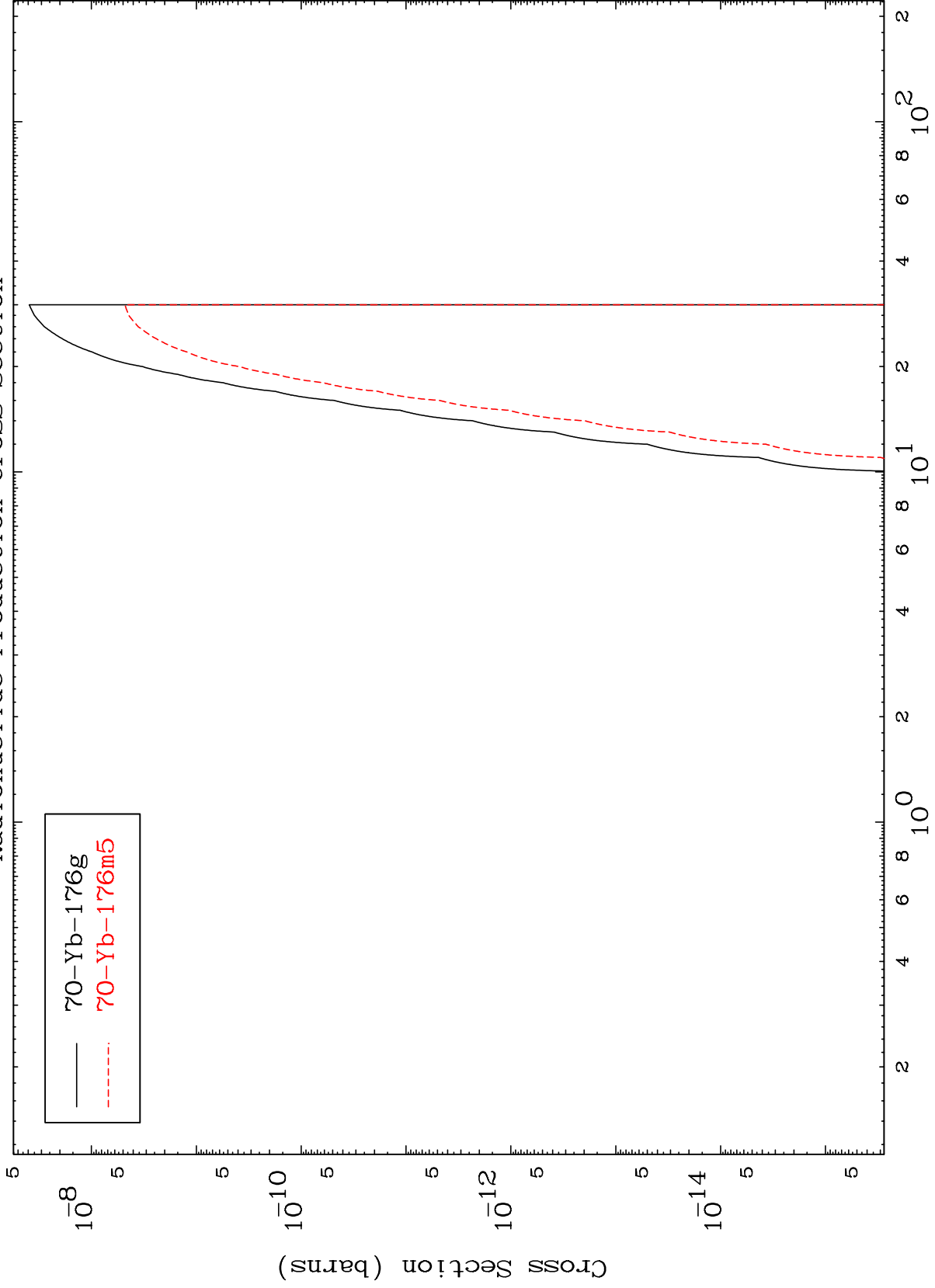
71-Lu-178

MAT 7134

(n,p) α

71-Lu-178

Radionuclide Production Cross Section



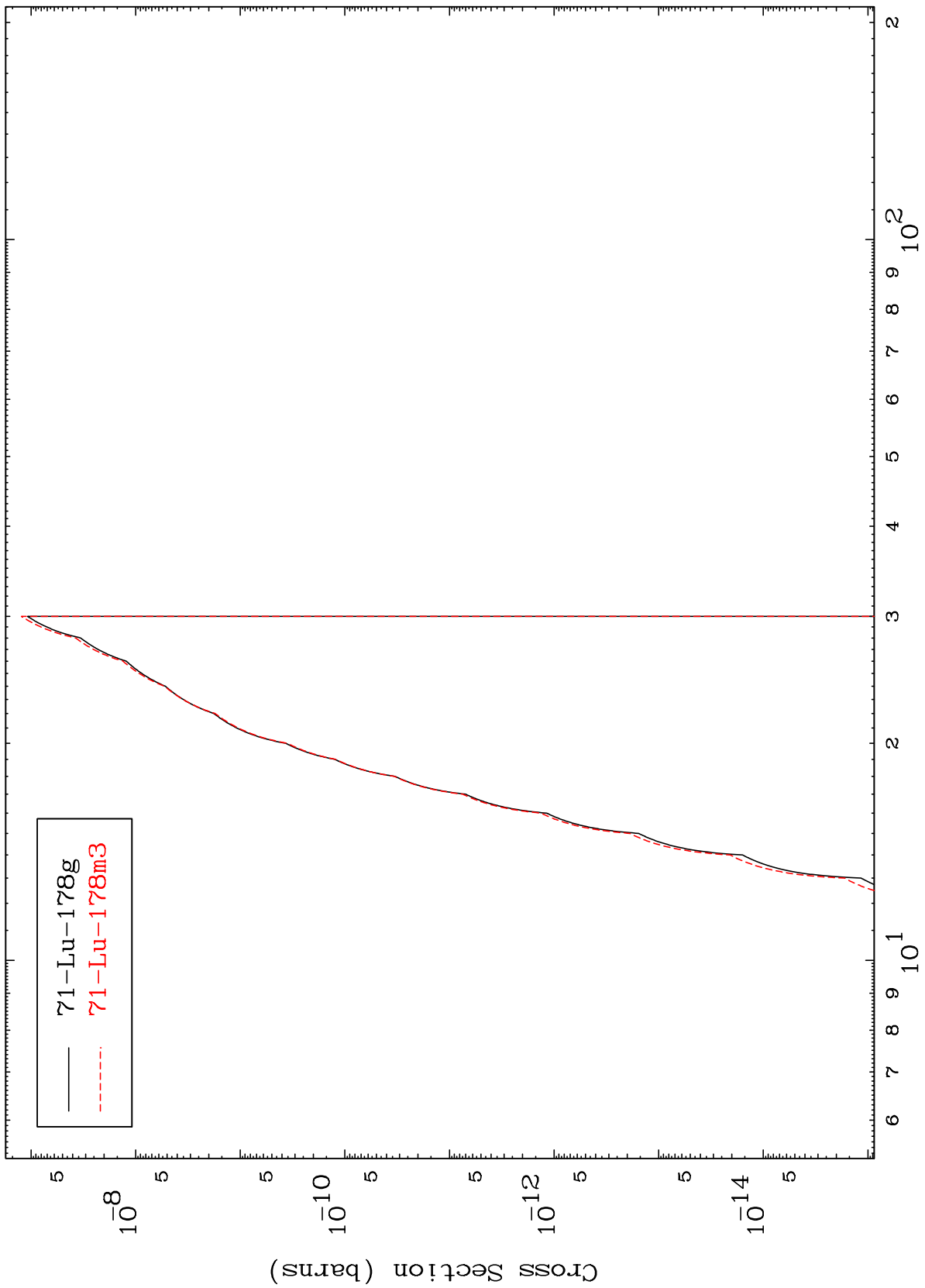
— 70-Yb-176g
- - - 70-Yb-176m5

MAT 7134

(n,p) d

⁷¹Lu-178

Radionuclide Production Cross Section



29

Incident Energy (MeV)

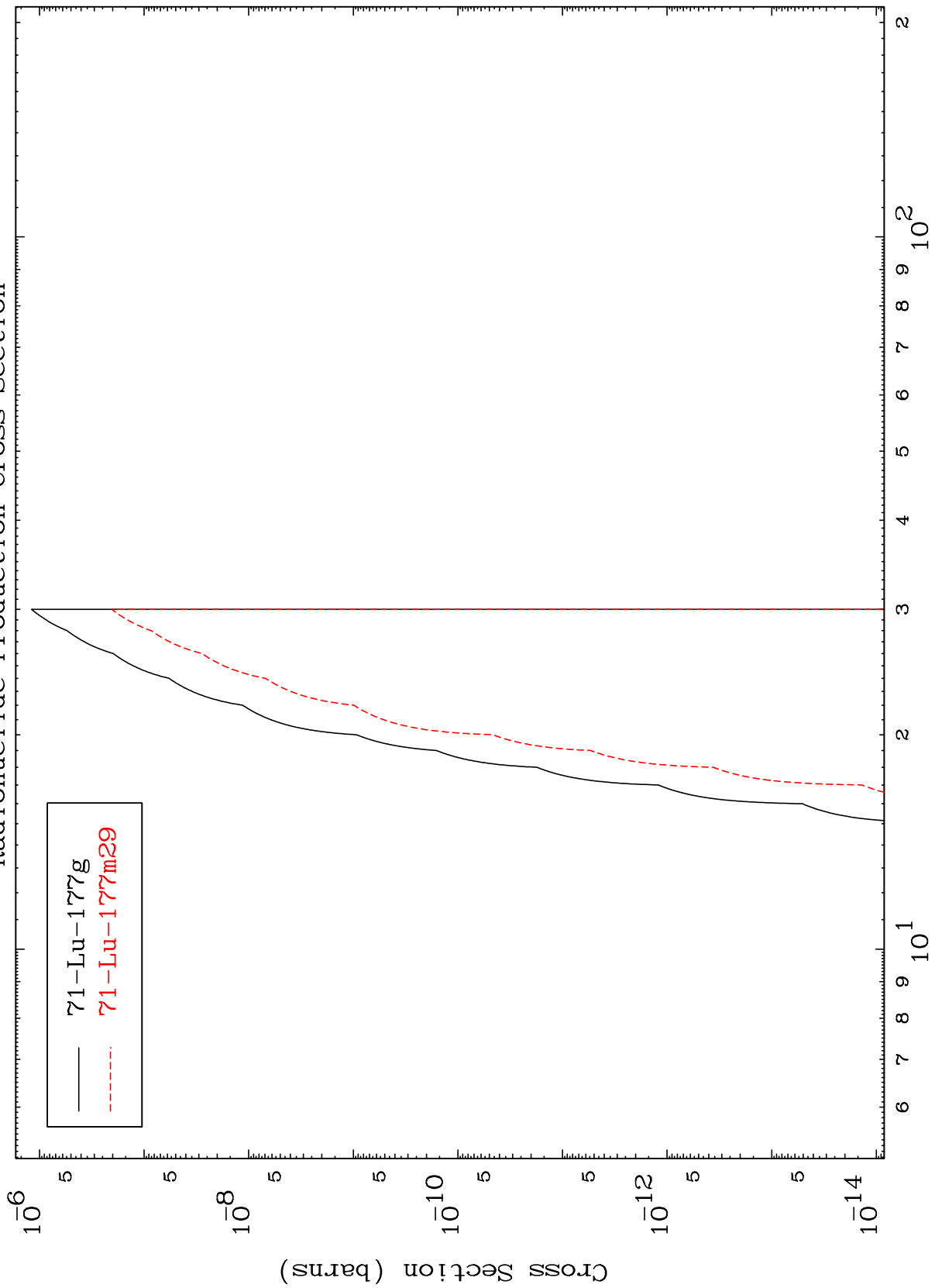
⁷¹Lu-178

MAT 7134

(n,p) t

⁷¹Lu-178

Radionuclide Production Cross Section



— ⁷¹Lu-177g
- - - ⁷¹Lu-177m29

30

Incident Energy (MeV)

⁷¹Lu-178