

Program EVALPLOT
(Version 2021-1)

by

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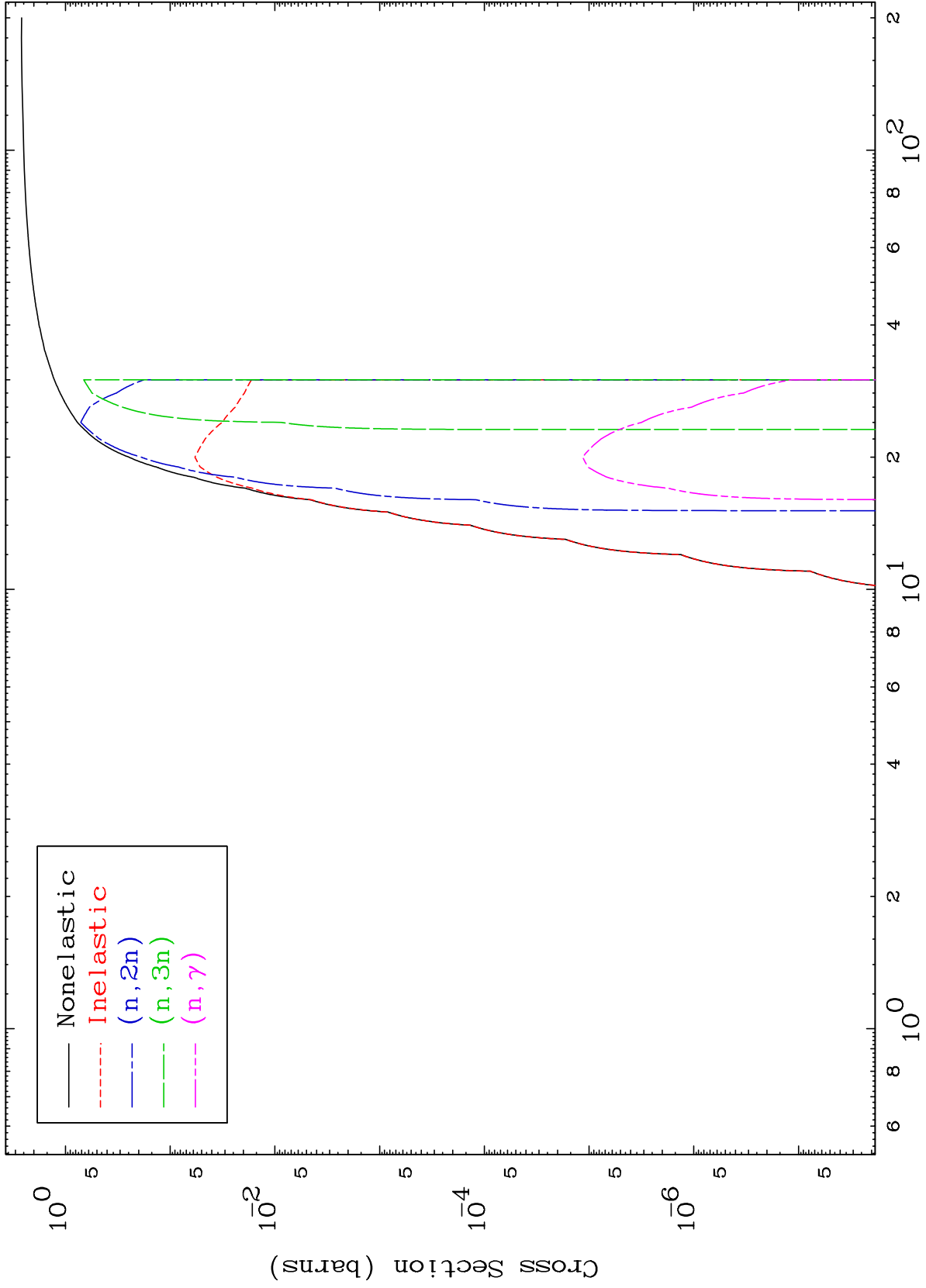
Press Mouse Button to Start

MAT 7132

0 Kelvin

α Major Cross Sections

71-Lu-177m



1

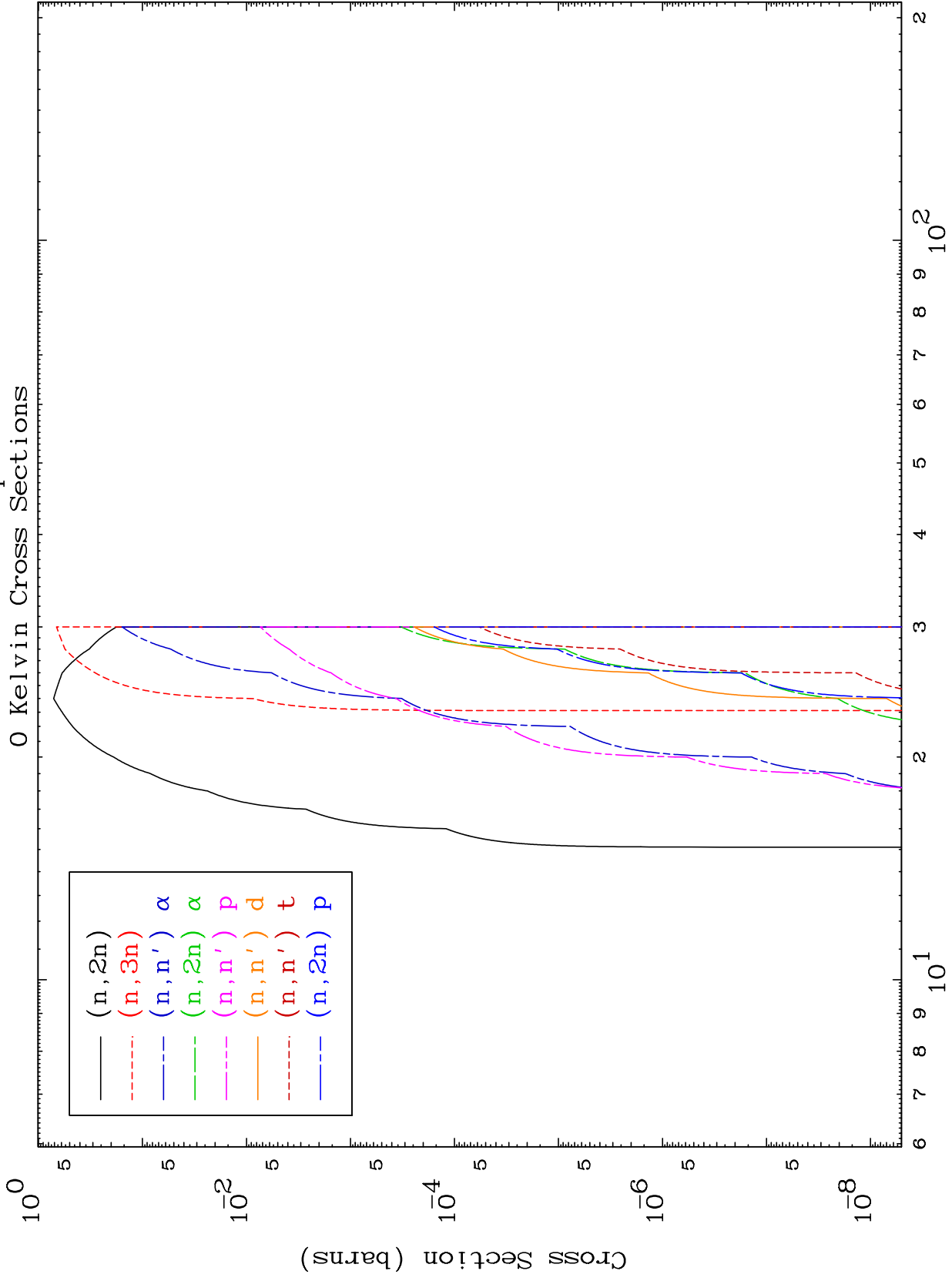
Incident Energy (MeV)

71-Lu-177m

MAT 7132

α Neutron Absorption
0 Kelvin Cross Sections

71-Lu-177m



2

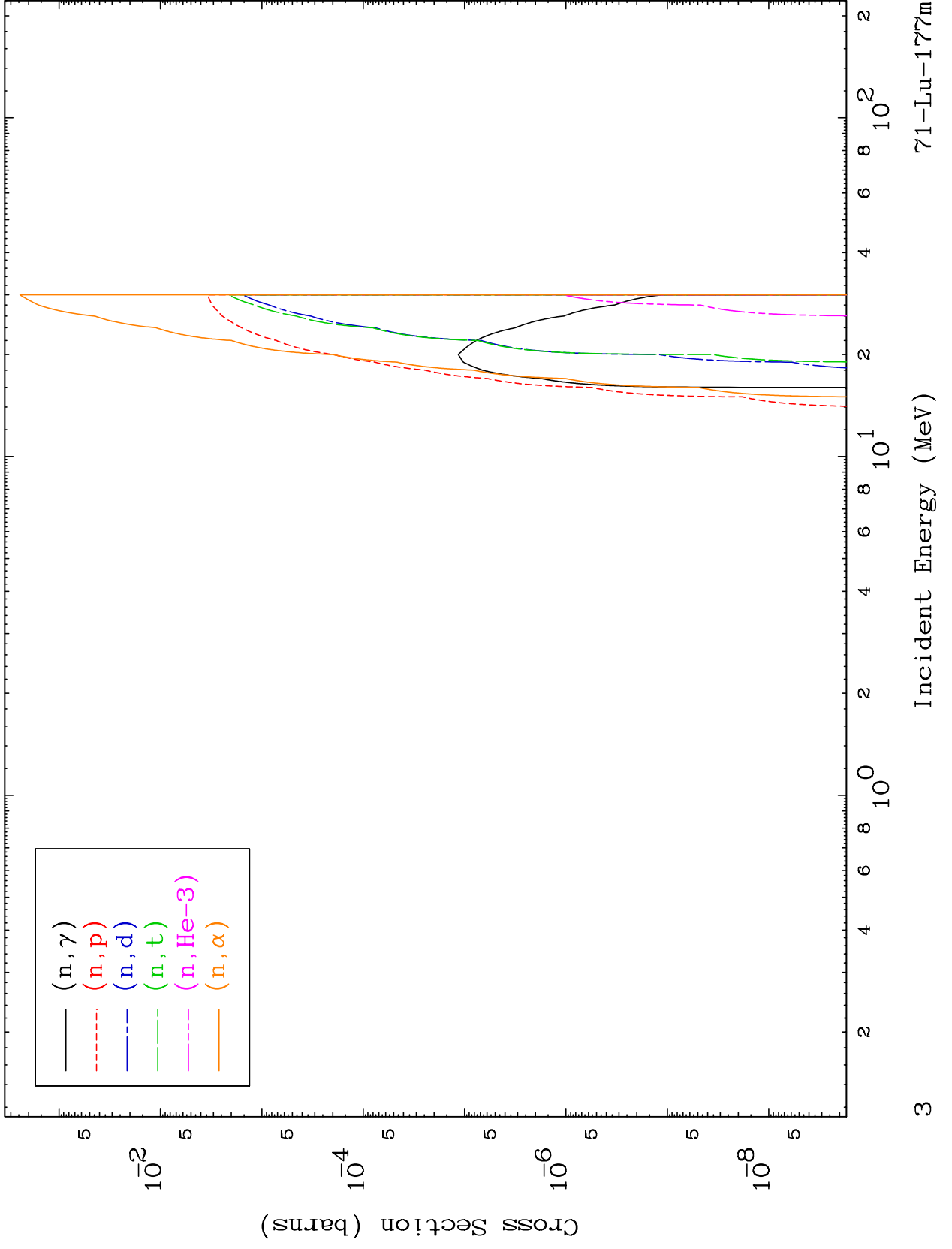
Incident Energy (MeV)

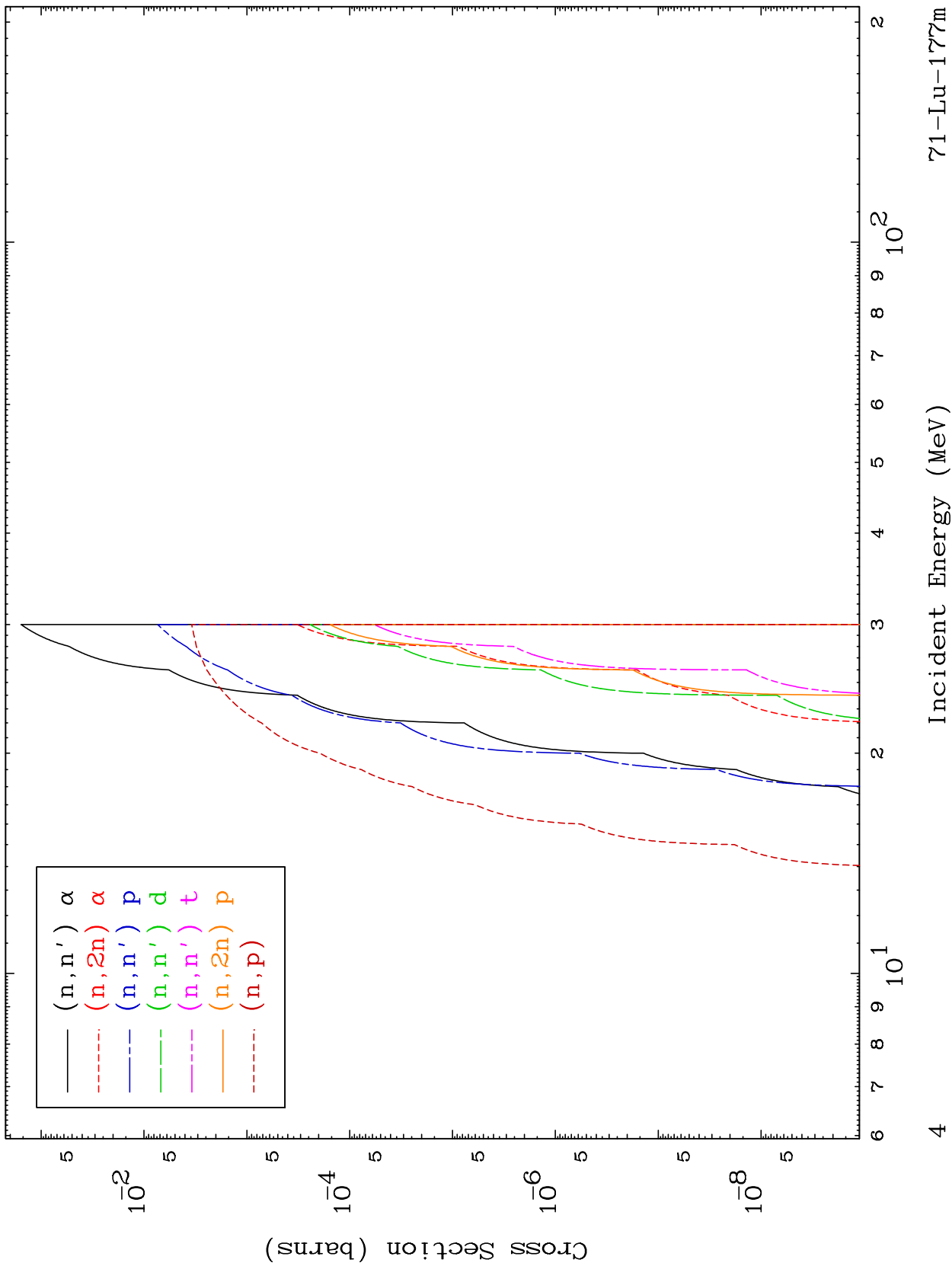
71-Lu-177m

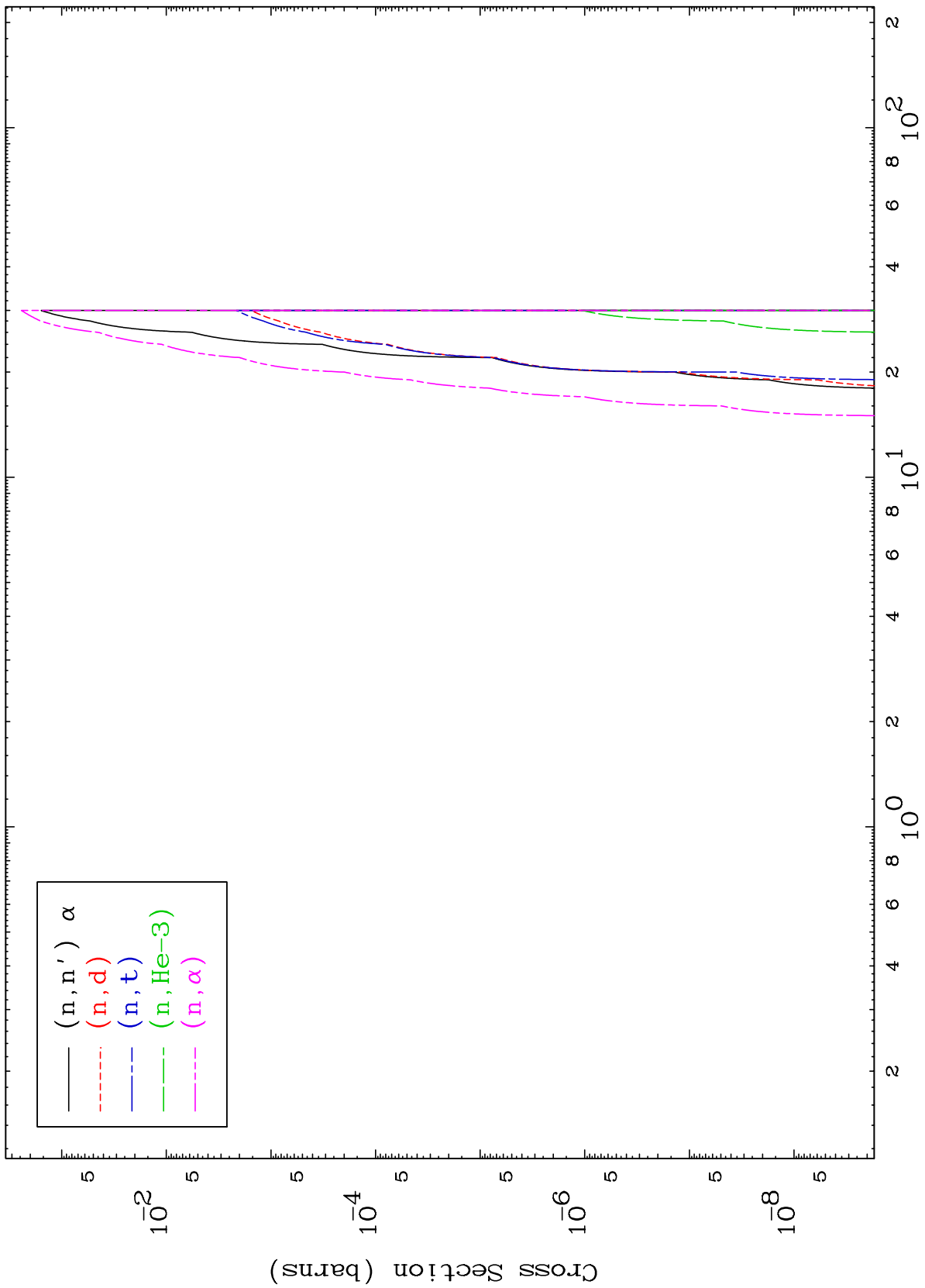
MAT 7132

α Neutron Absorption
0 Kelvin Cross Sections

⁷¹Lu-177m



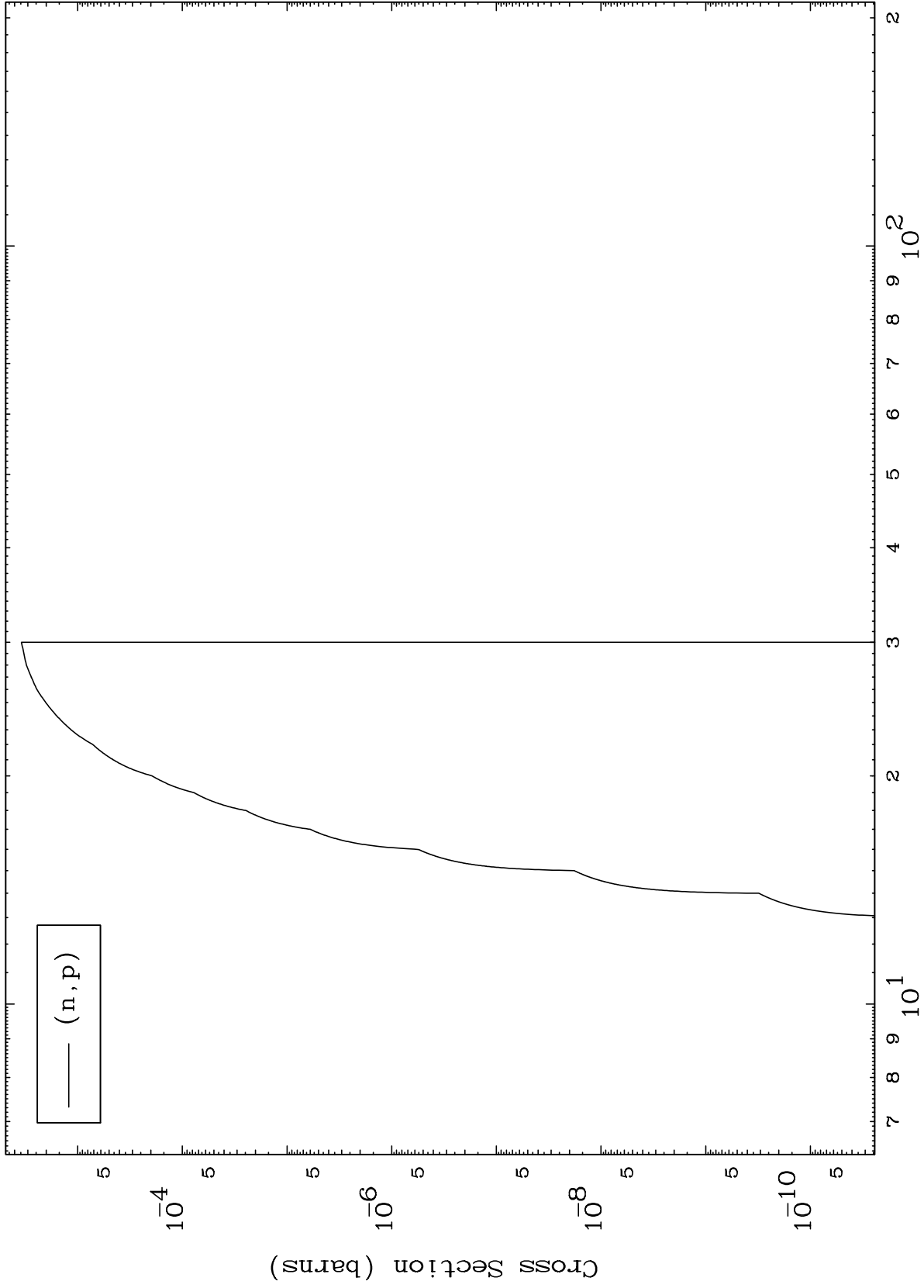




MAT 7132

(α, p) Levels
0 Kelvin Cross Sections

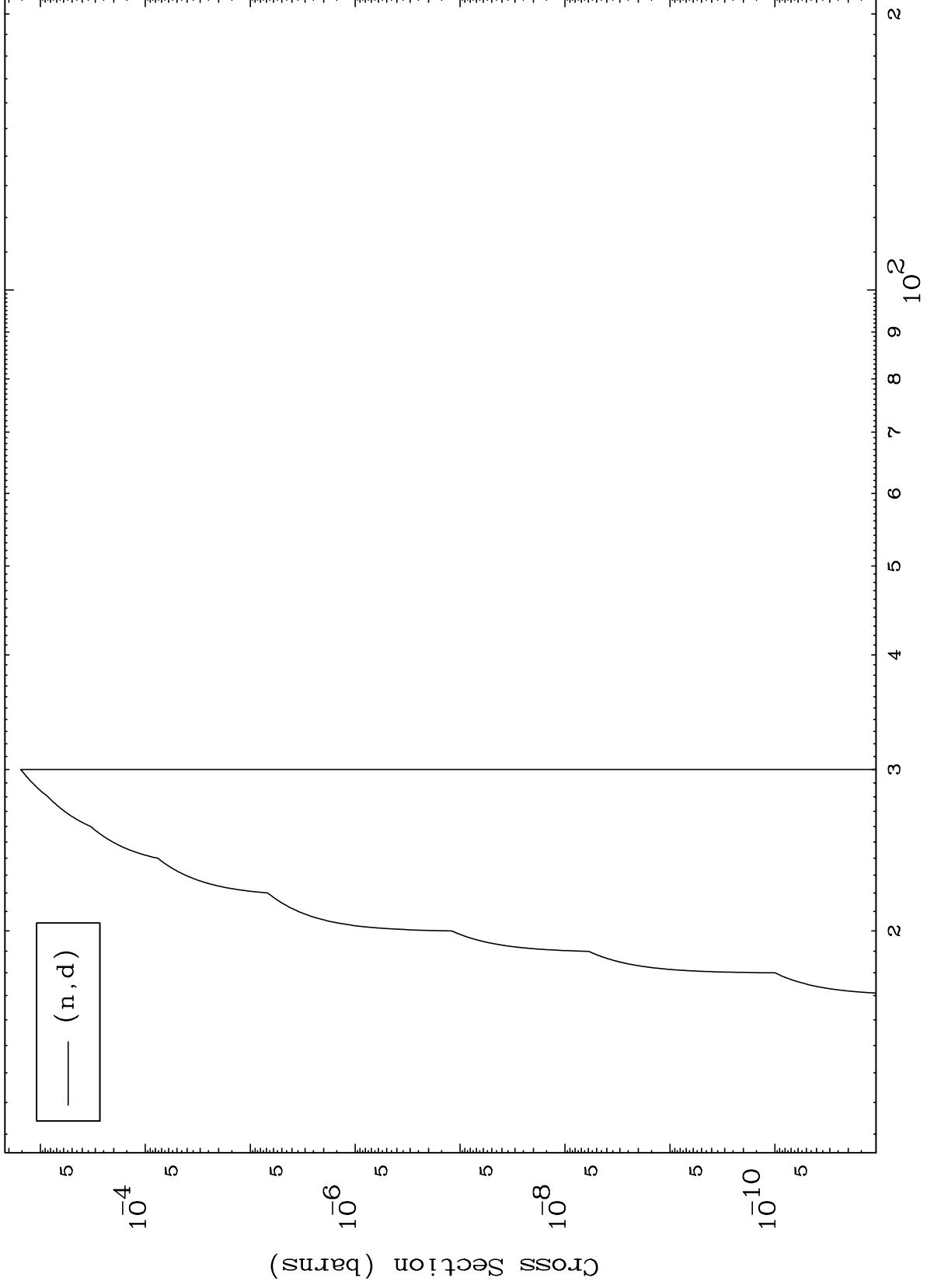
71-Lu-177m

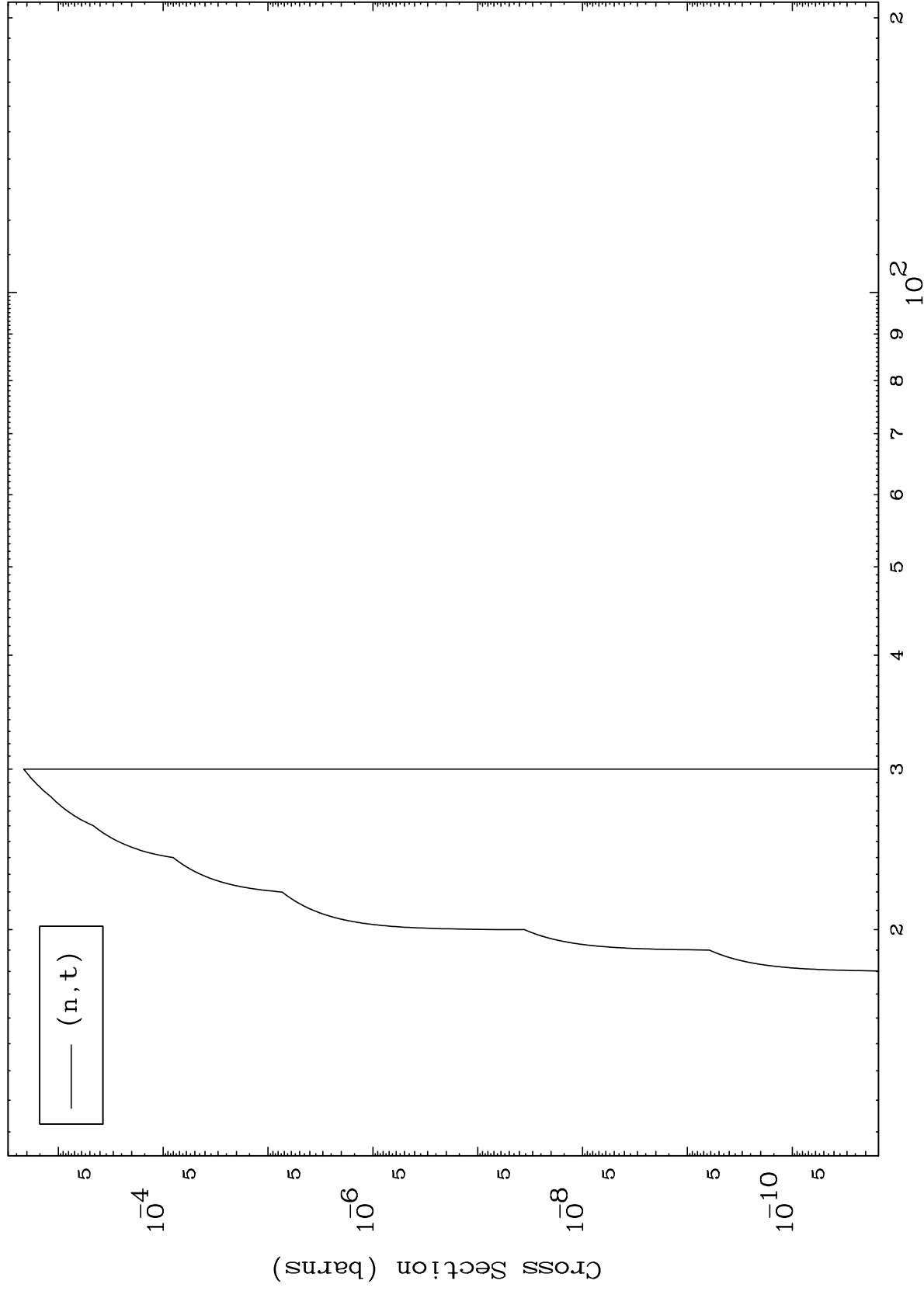


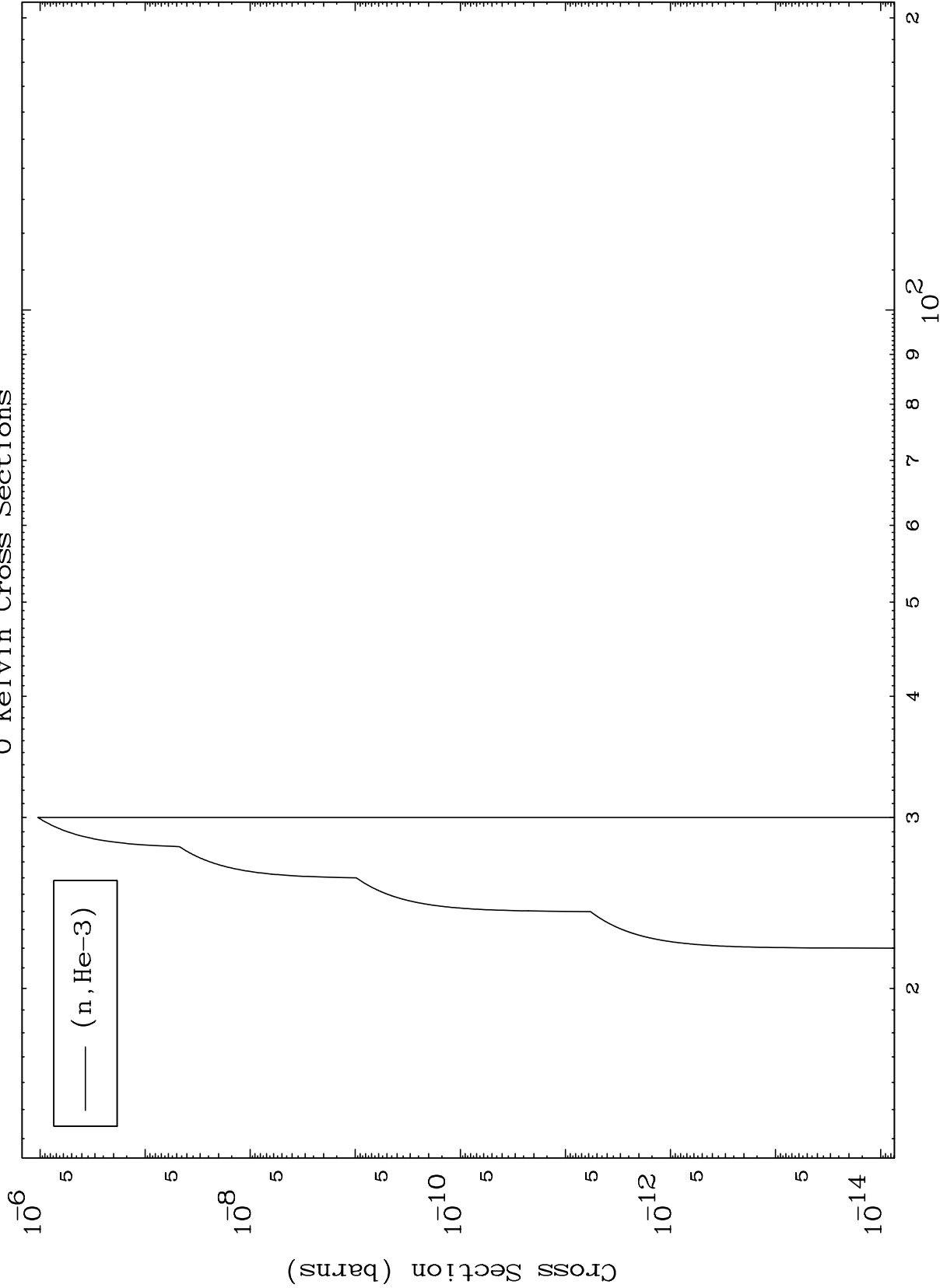
6

Incident Energy (MeV)

71-Lu-177m





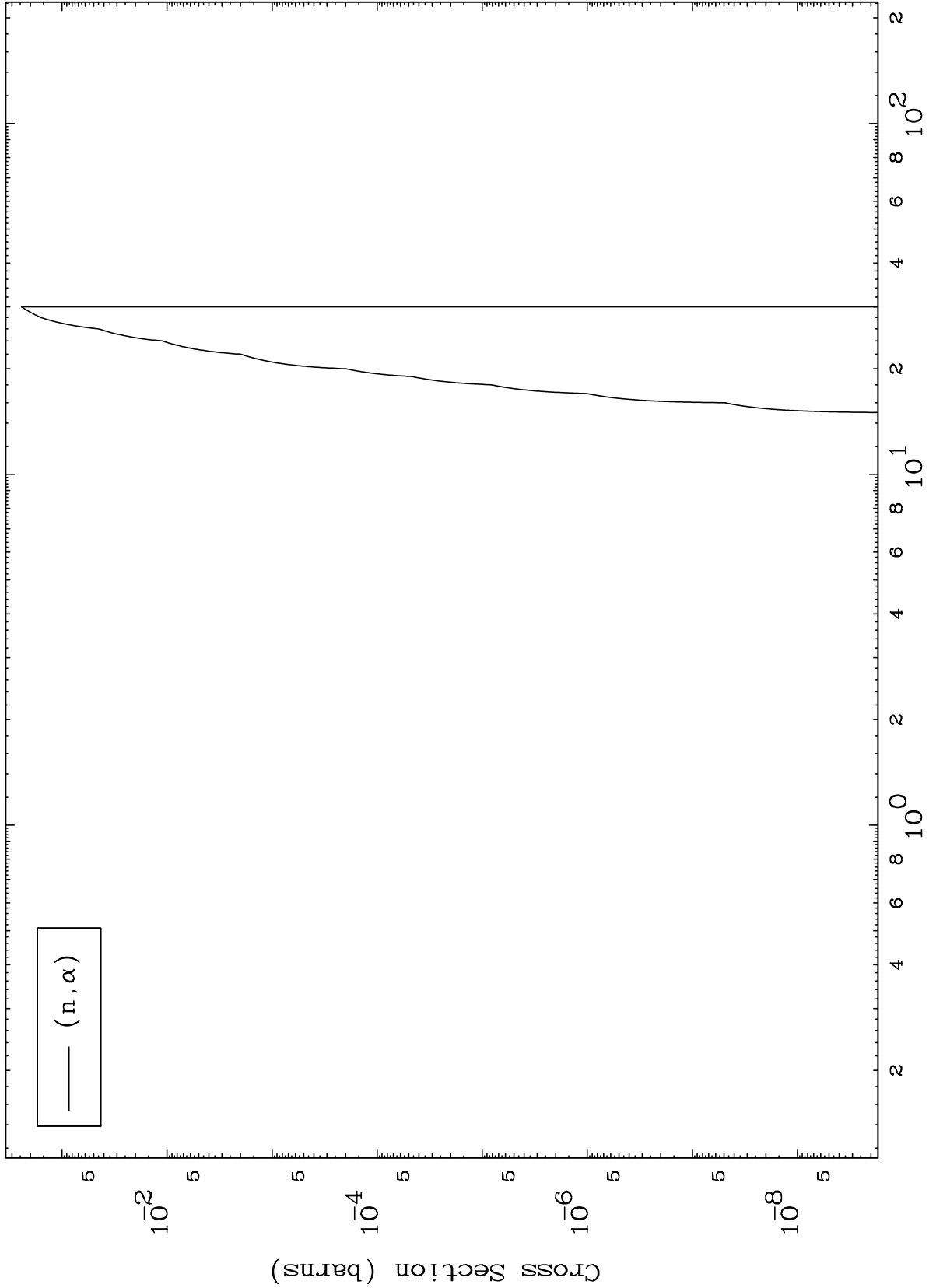


MAT 7132

(α, α) Levels

$^{71}\text{Lu}-177\text{m}$

0 Kelvin Cross Sections



10

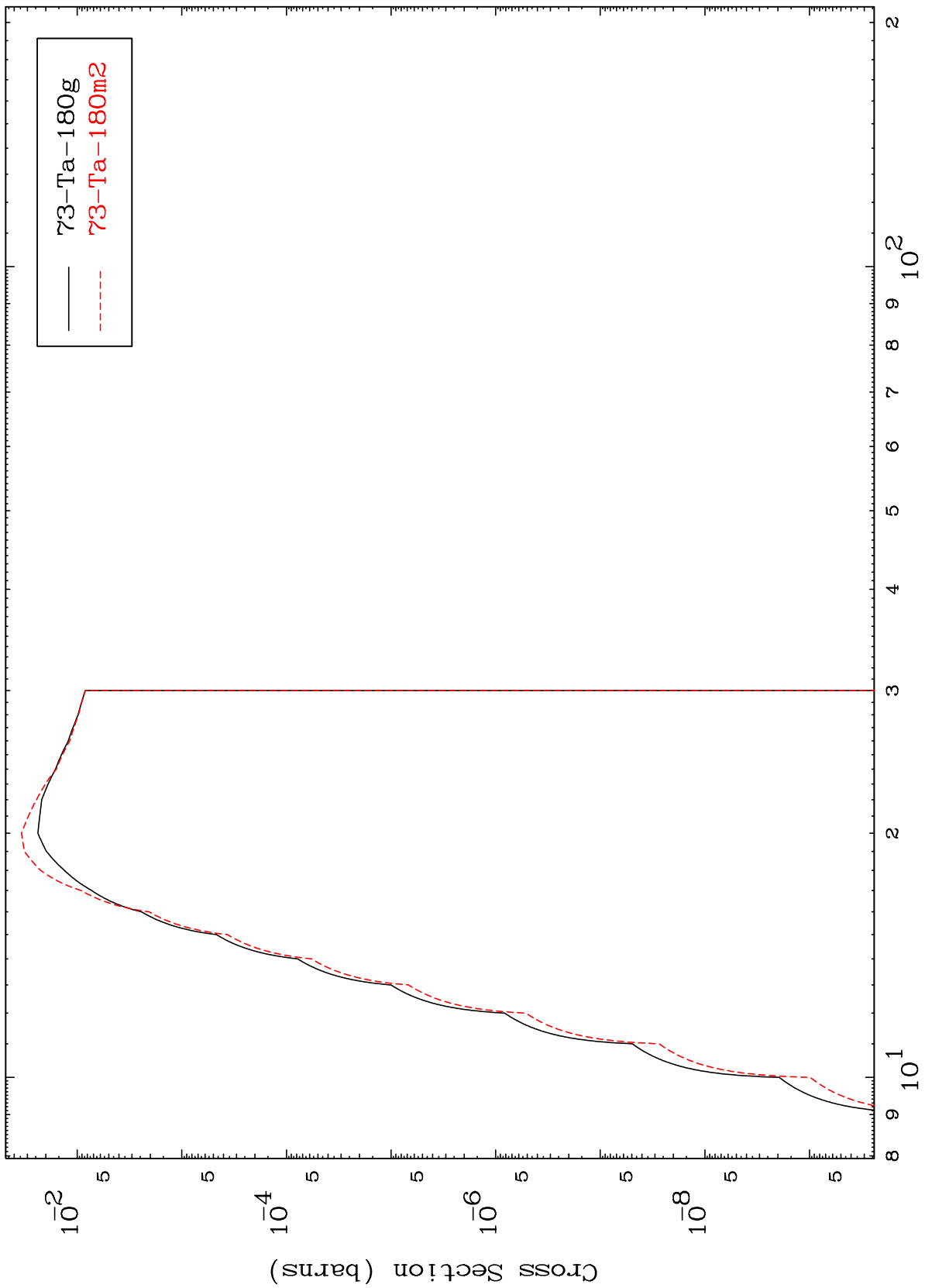
Incident Energy (MeV)

$^{71}\text{Lu}-177\text{m}$

MAT 7132

71-Lu-177m

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

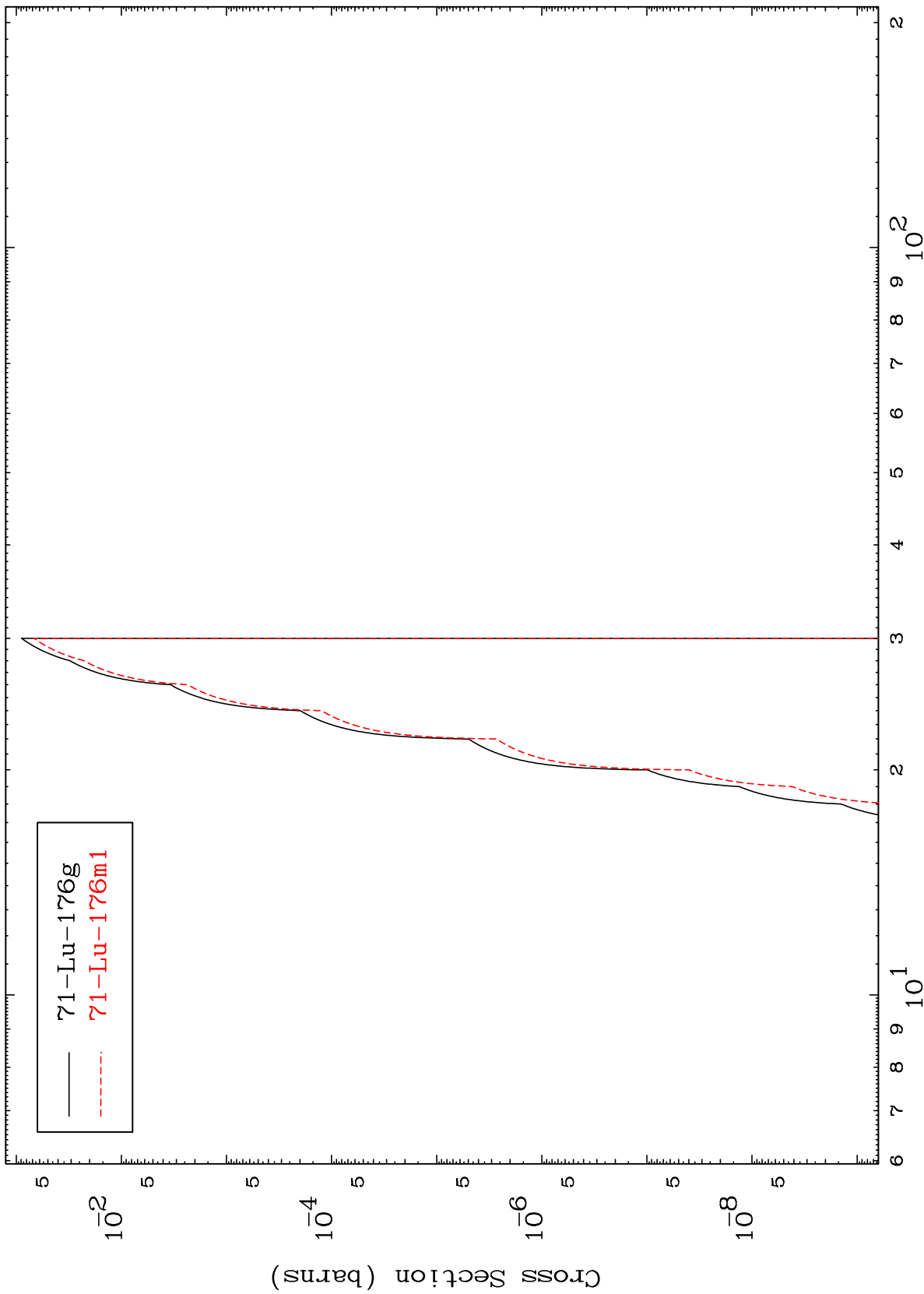
71-Lu-177m

MAT 7132

$(n, n') \alpha$

$^{71}\text{Lu-177m}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

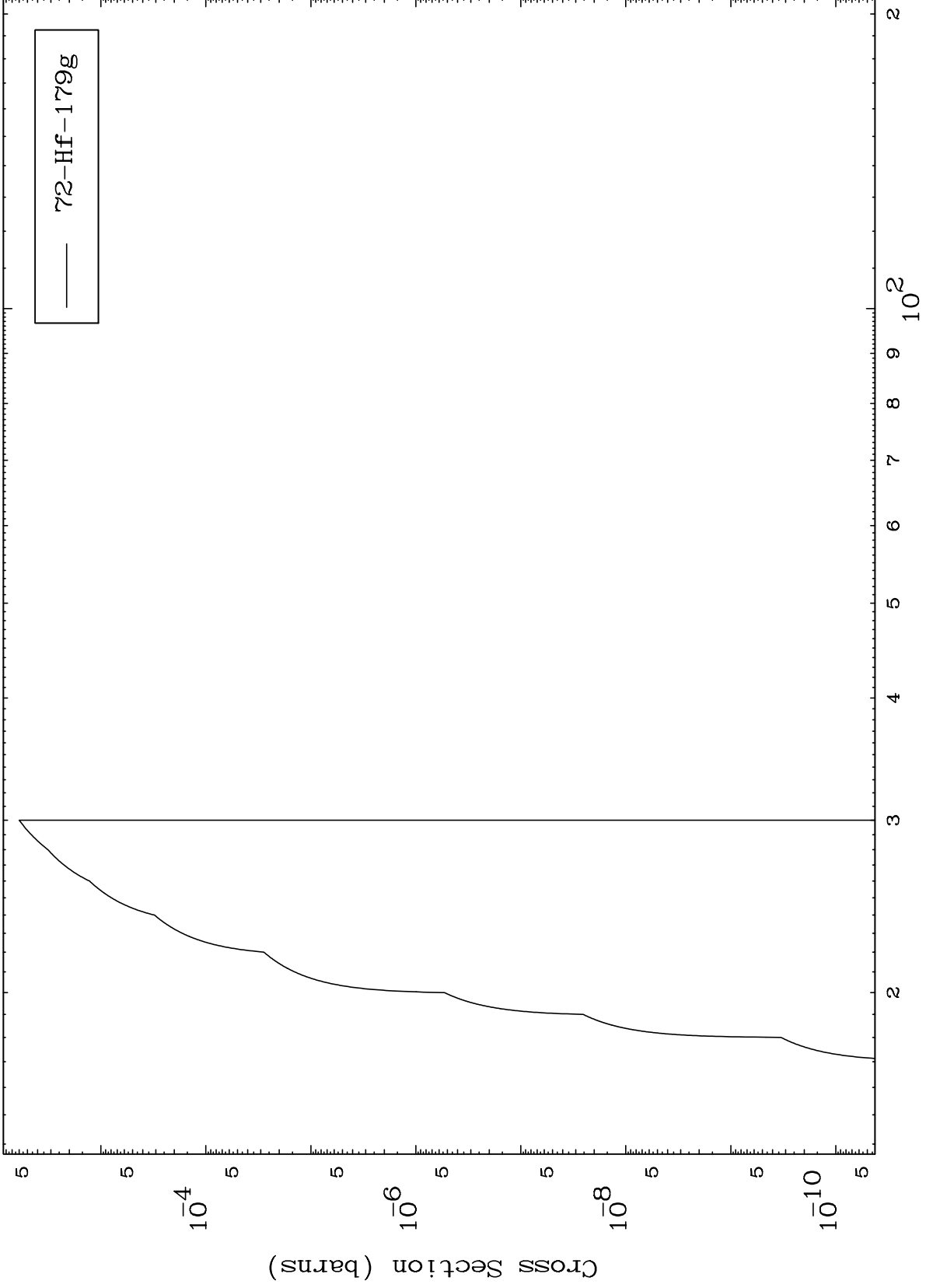
$^{71}\text{Lu-177m}$

MAT 7132

(n,n') p

71-Lu-177m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

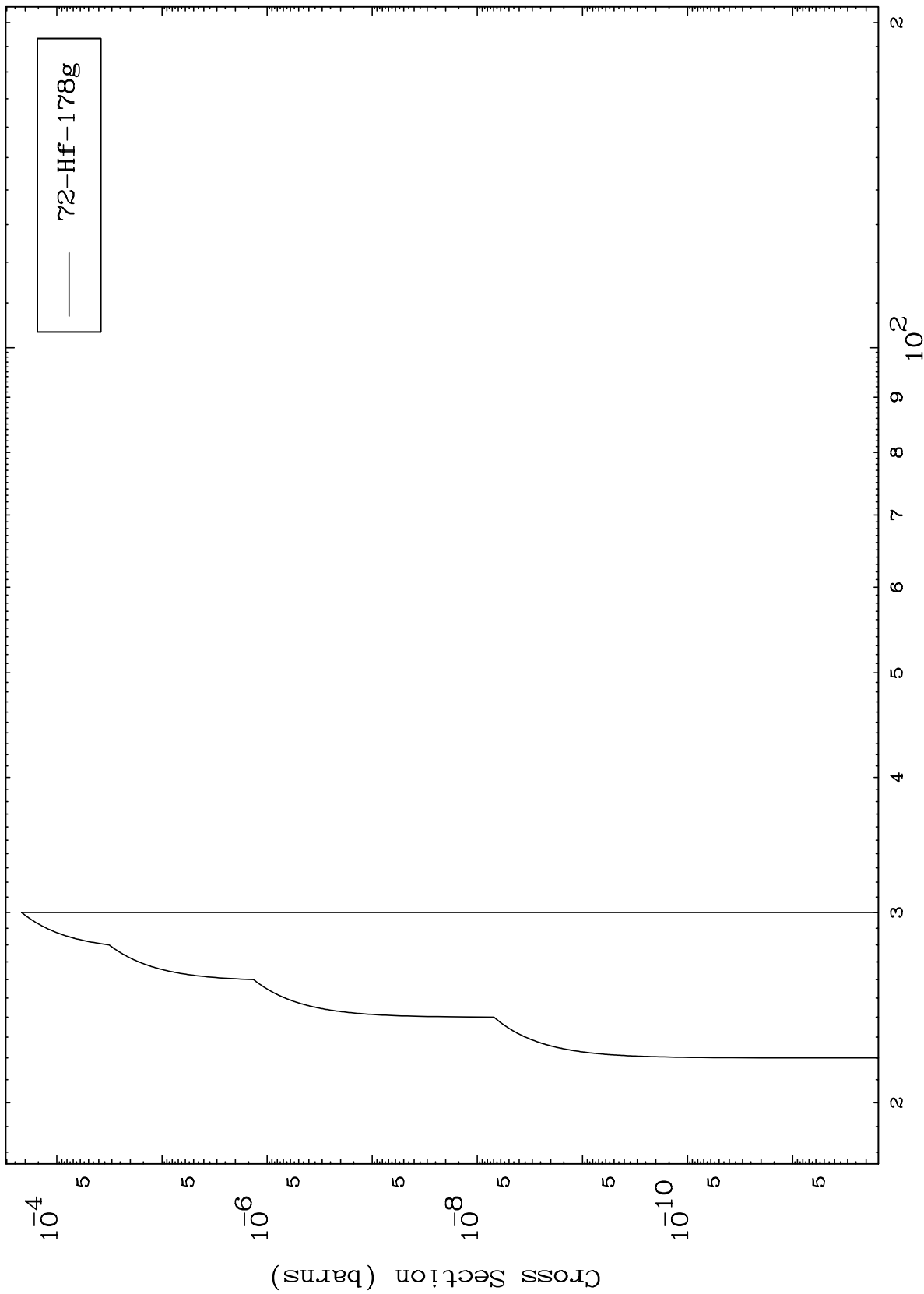
71-Lu-177m

MAT 7132

(n,n') d

71-Lu-177m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

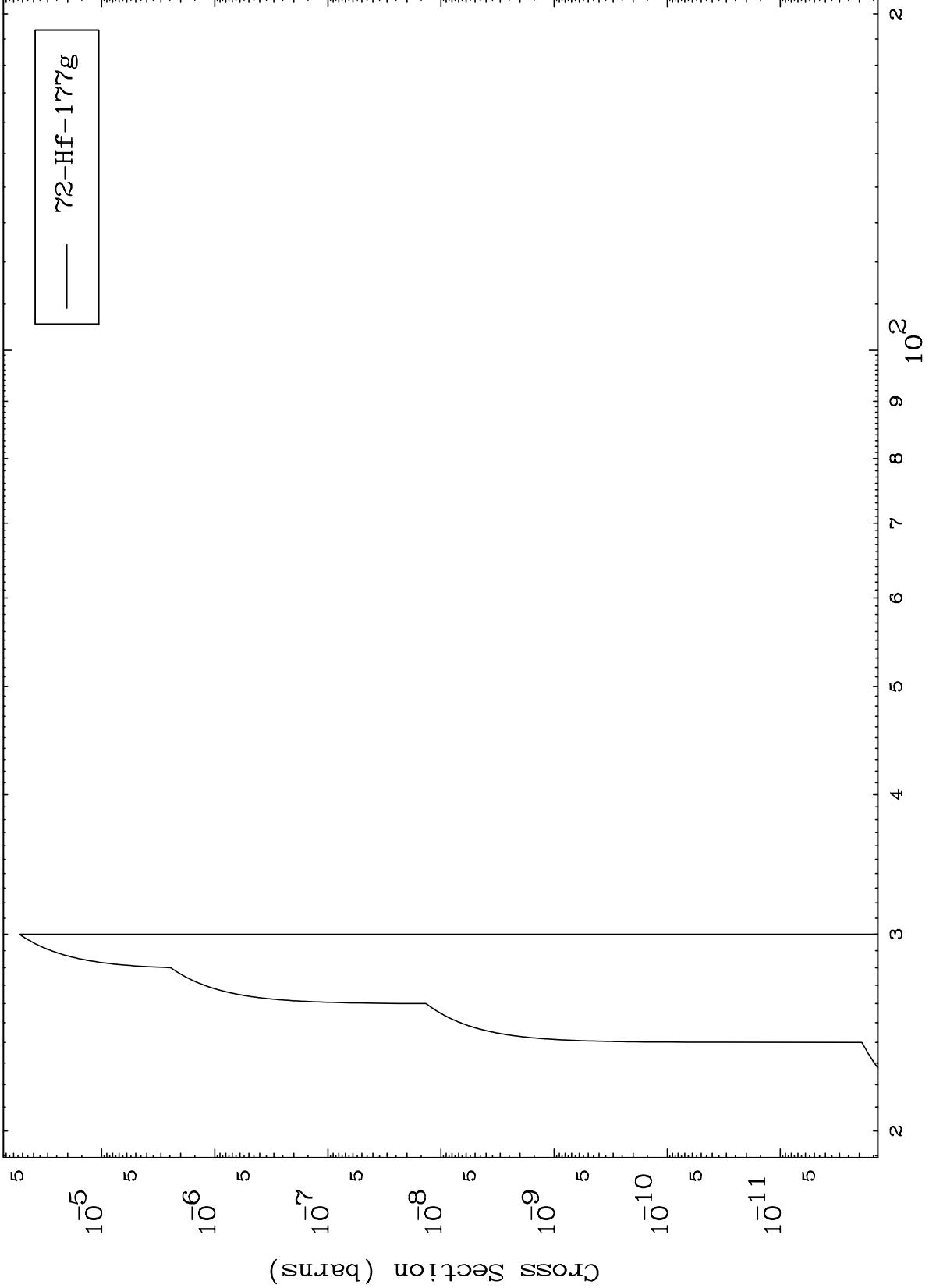
71-Lu-177m

MAT 7132

(n,n') t

71-Lu-177m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

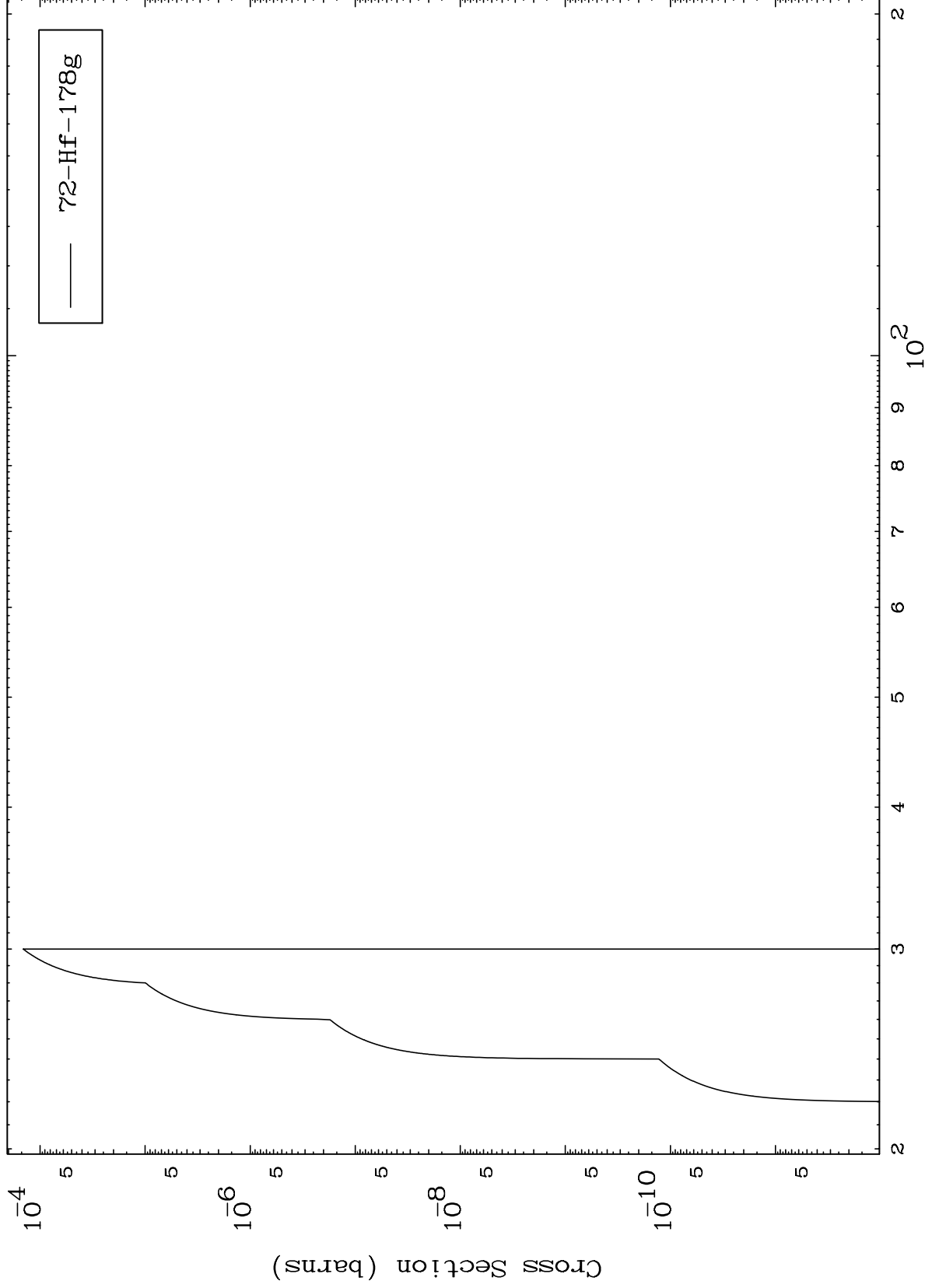
71-Lu-177m

MAT 7132

(n,2n) p

71-Lu-177m

Radionuclide Production Cross Section



16

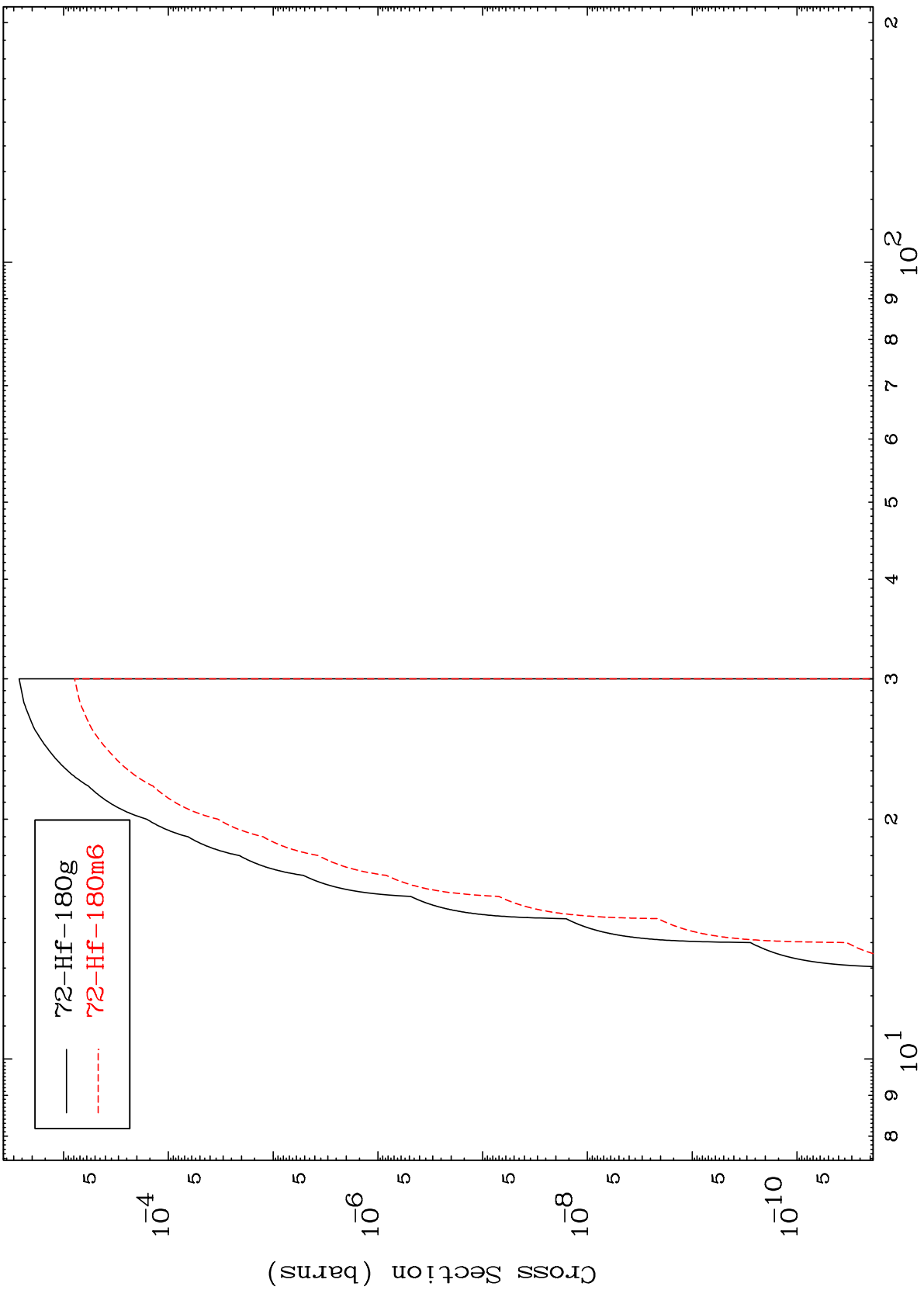
Incident Energy (MeV)

71-Lu-177m

MAT 7132

⁷¹Lu-177m

(n,p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

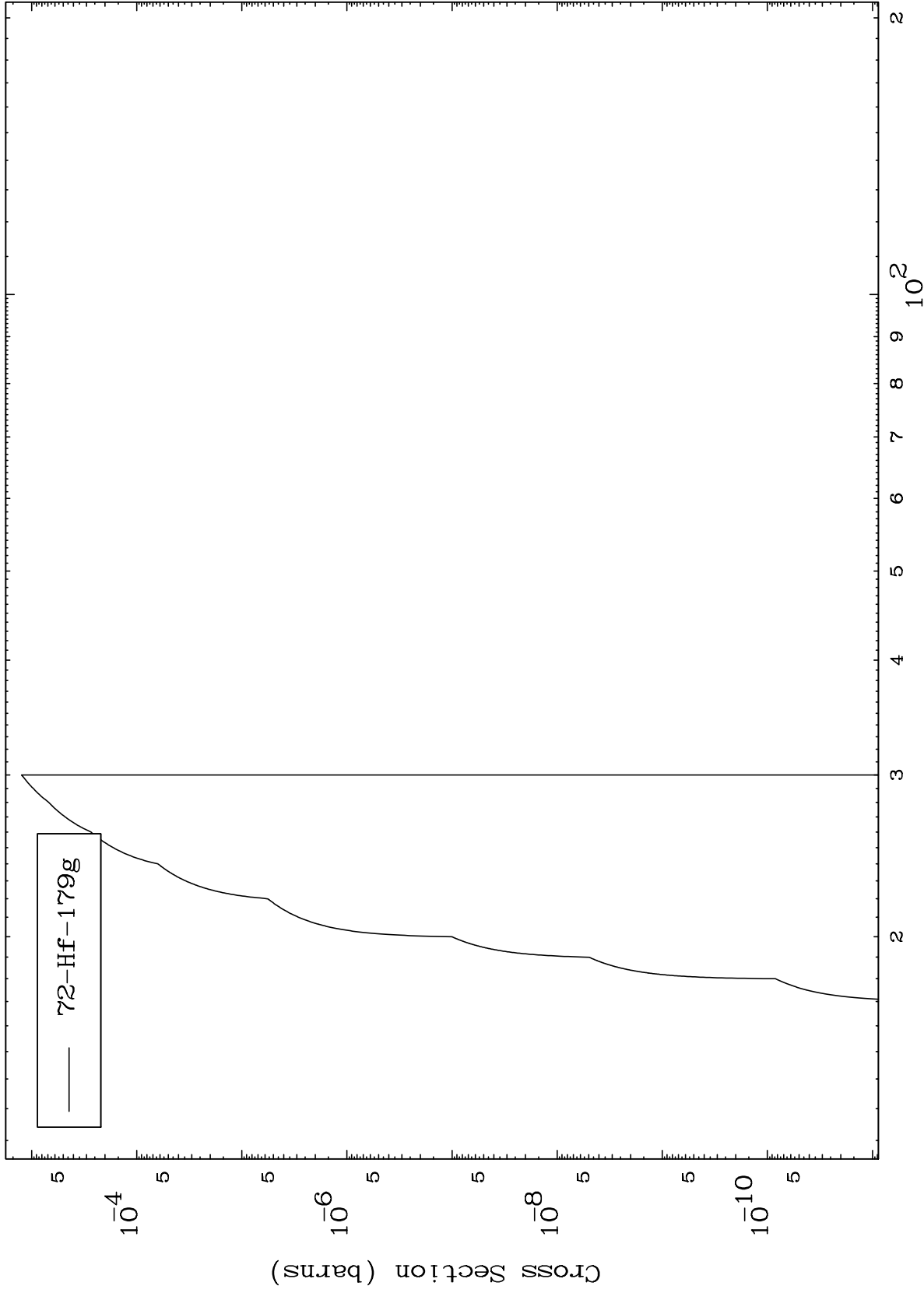
⁷¹Lu-177m

MAT 7132

(n,d)

⁷¹Lu-177m

Radionuclide Production Cross Section



18

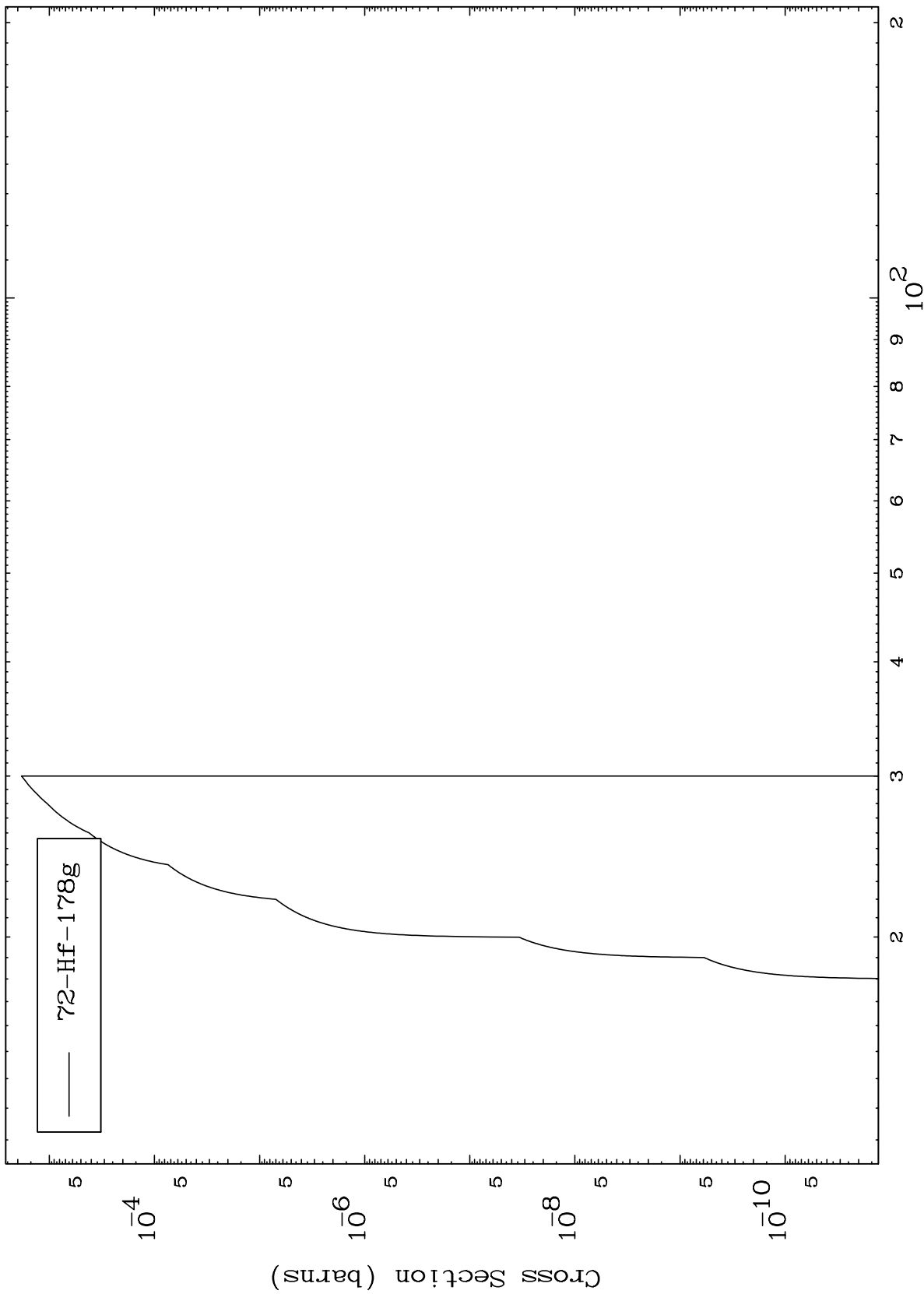
Incident Energy (MeV)

⁷¹Lu-177m

MAT 7132

71-Lu-177m

(n, t)
Radionuclide Production Cross Section

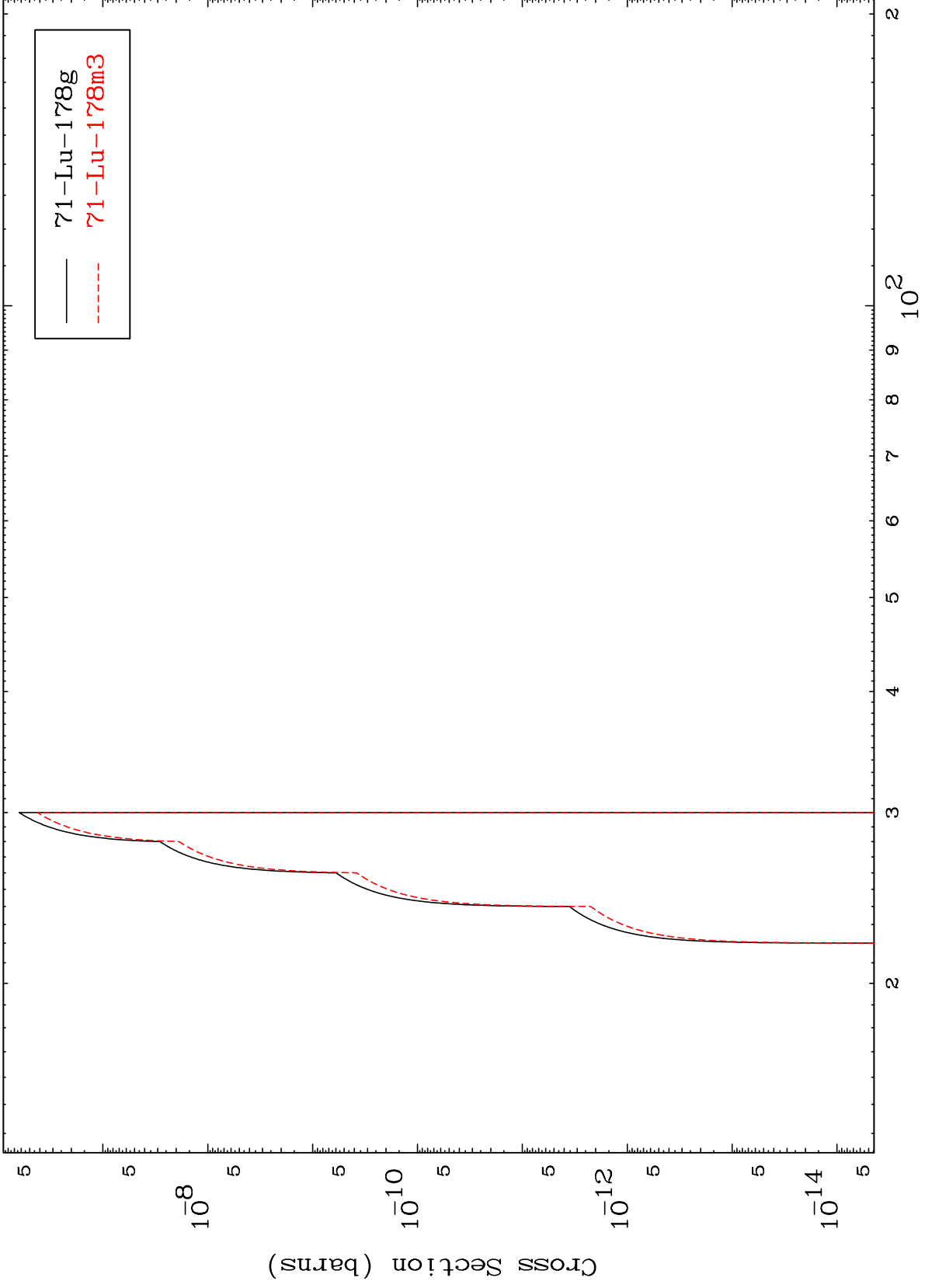


MAT 7132

(n,He-3)

71-Lu-177m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

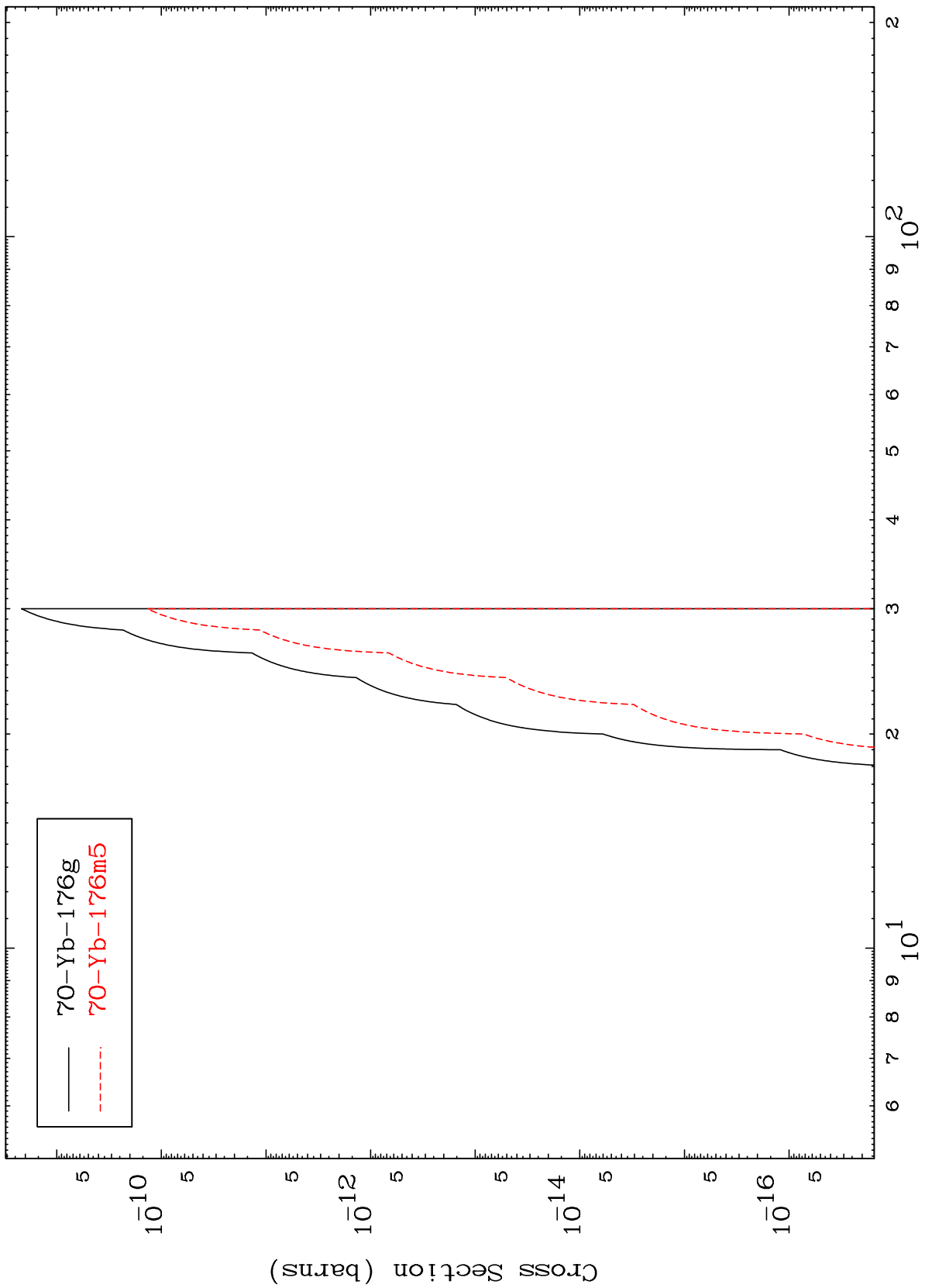
71-Lu-177m

MAT 7132

$(n,p) \alpha$

$^{71}\text{Lu}-177\text{m}$

Radionuclide Production Cross Section



— $^{70}\text{Yb}-176\text{g}$
- - - $^{70}\text{Yb}-176\text{m5}$