

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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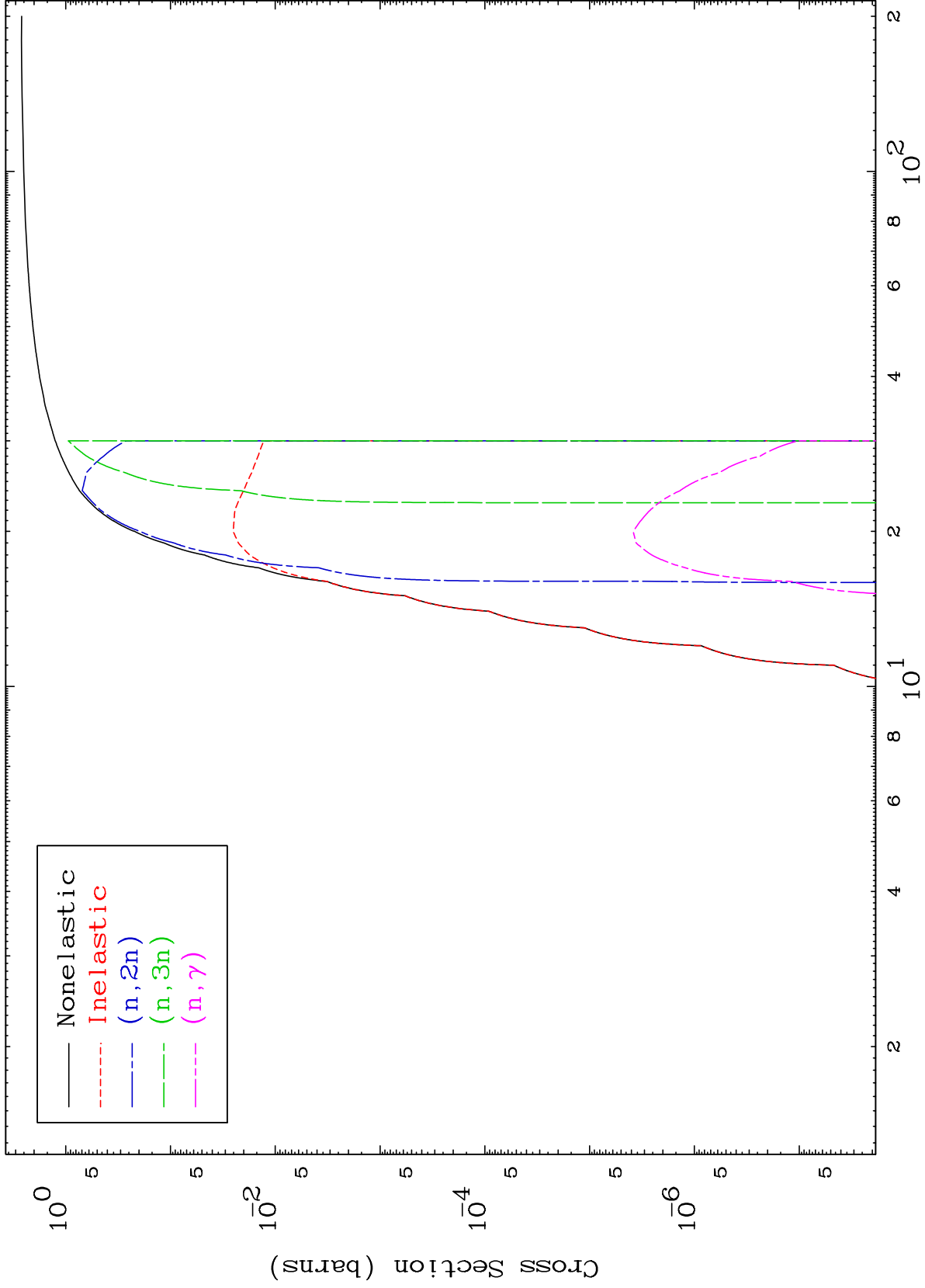
Press Mouse Button to Start

MAT 7241

0 Kelvin

Major Cross Sections

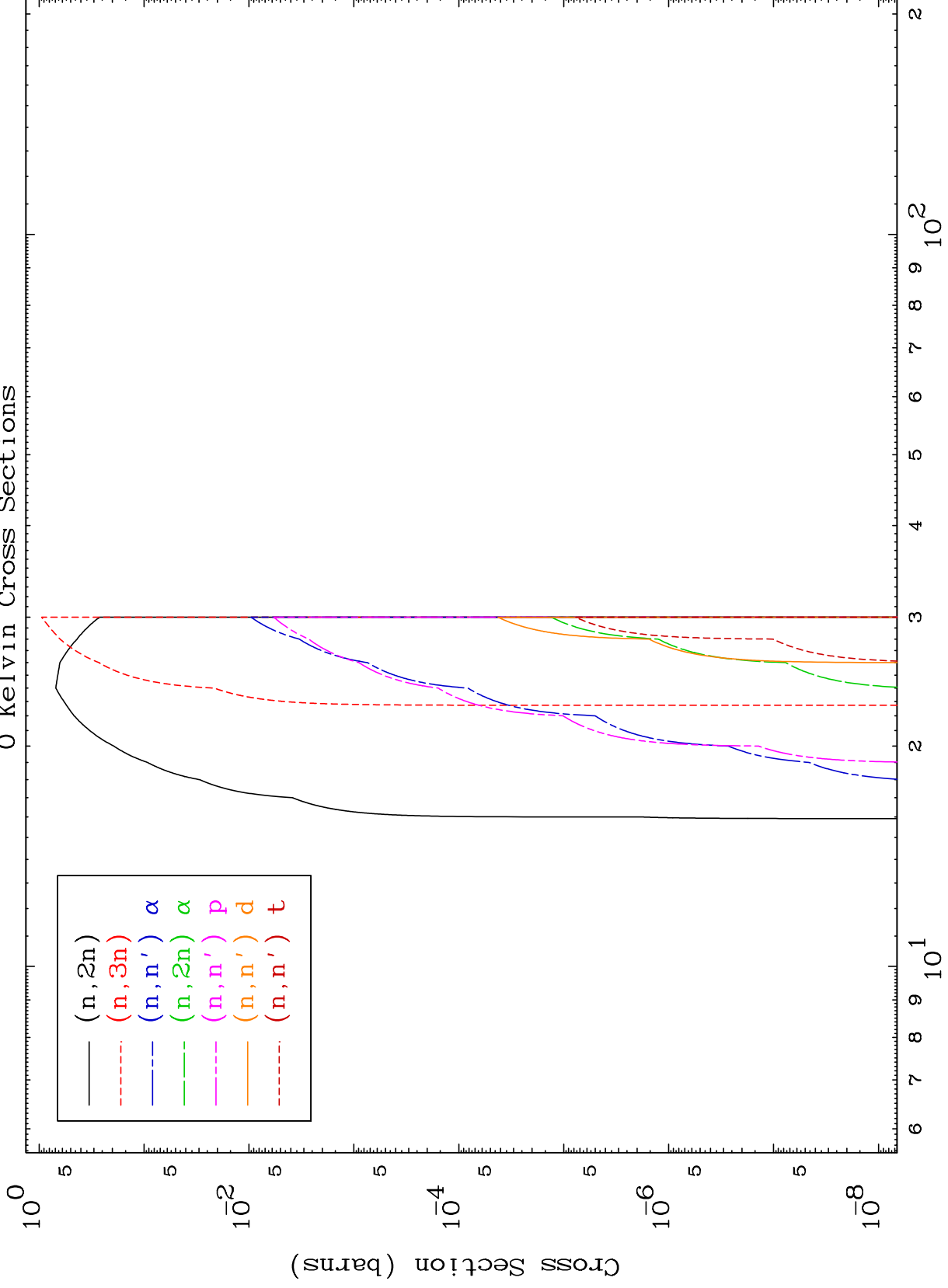
<sup>72</sup>Hf-179m



MAT 7241

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

72-Hf-179m



2

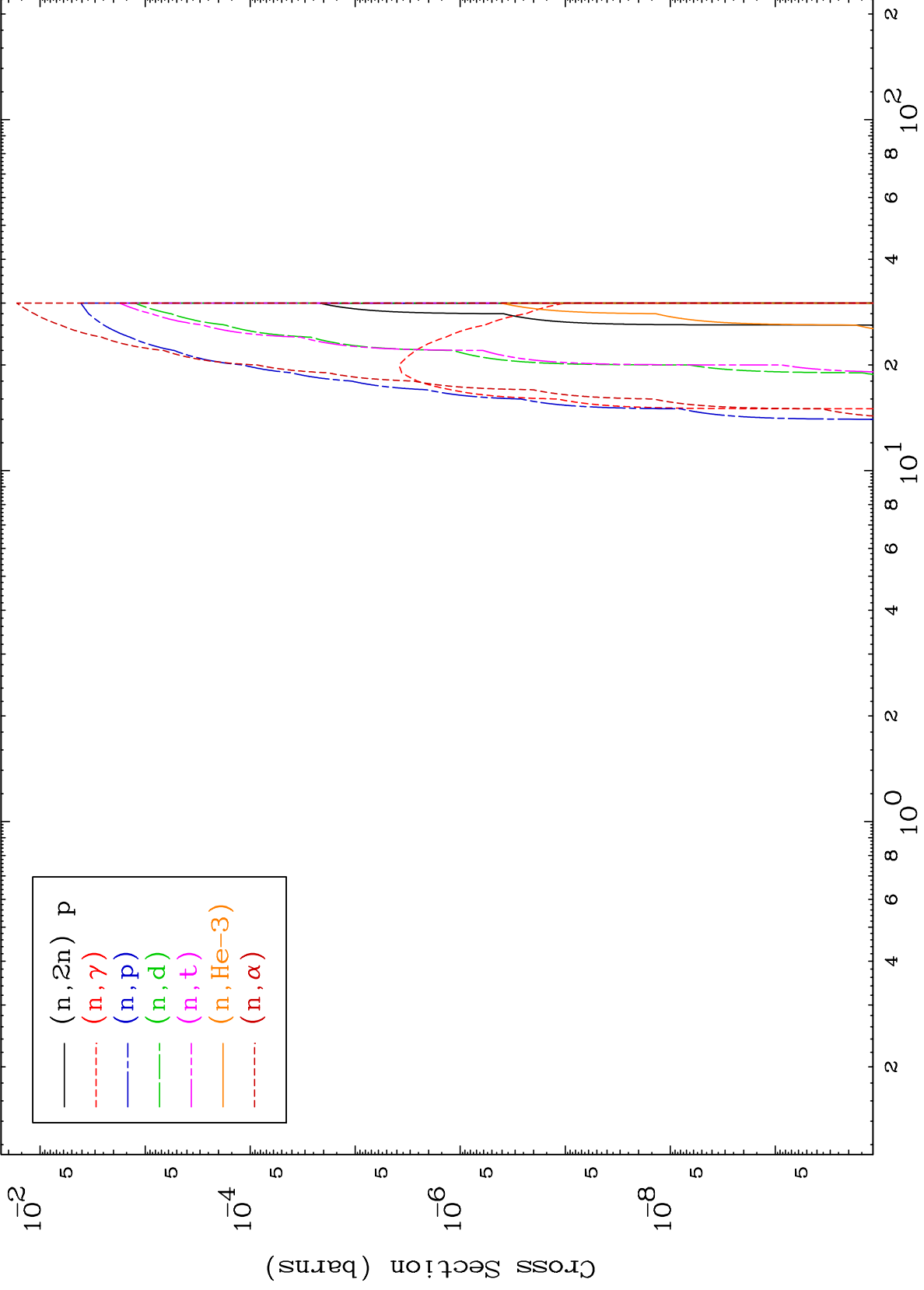
Incident Energy (MeV)

72-Hf-179m

MAT 7241

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

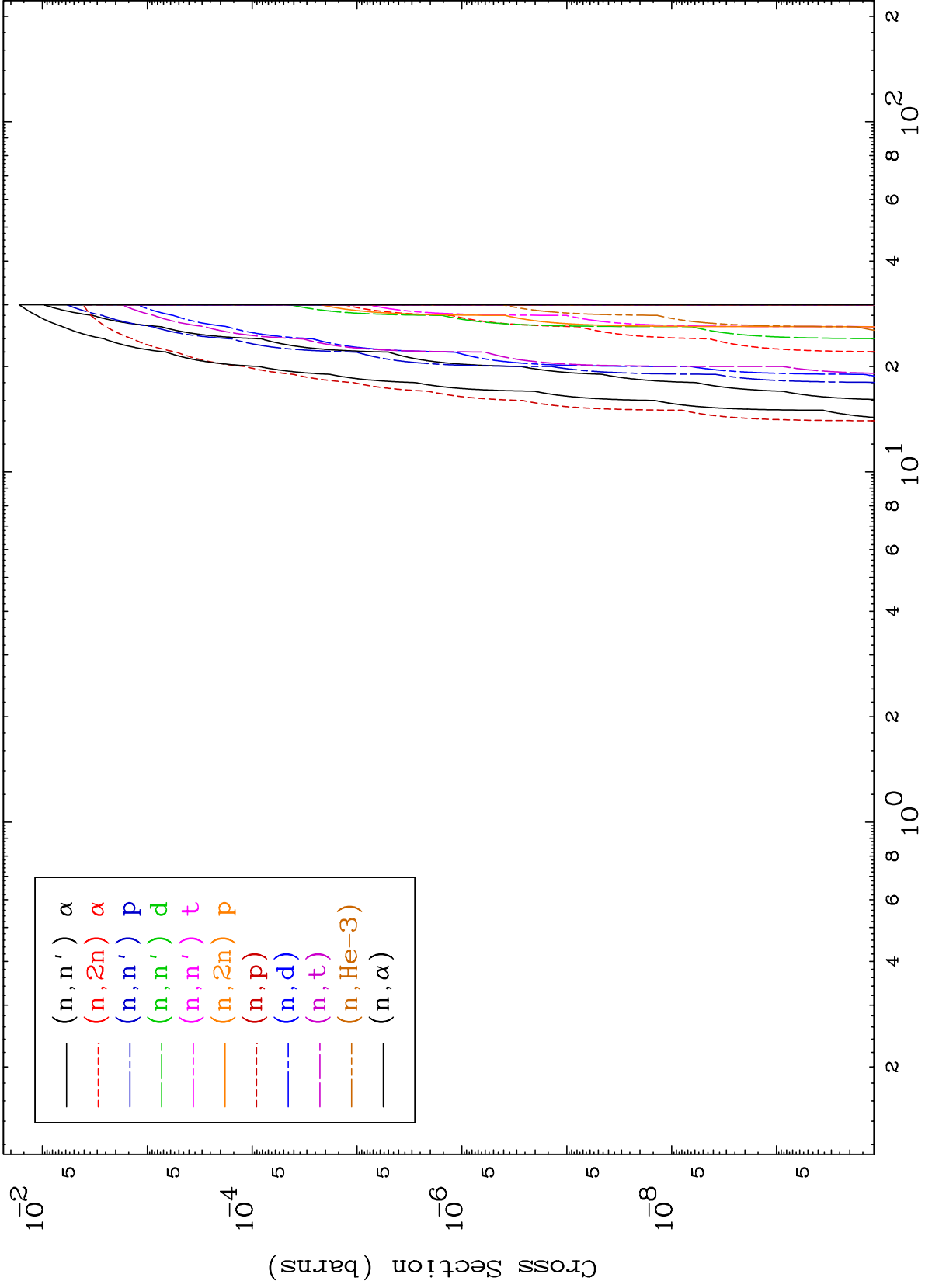
<sup>72</sup>Hf-179m



MAT 7241

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

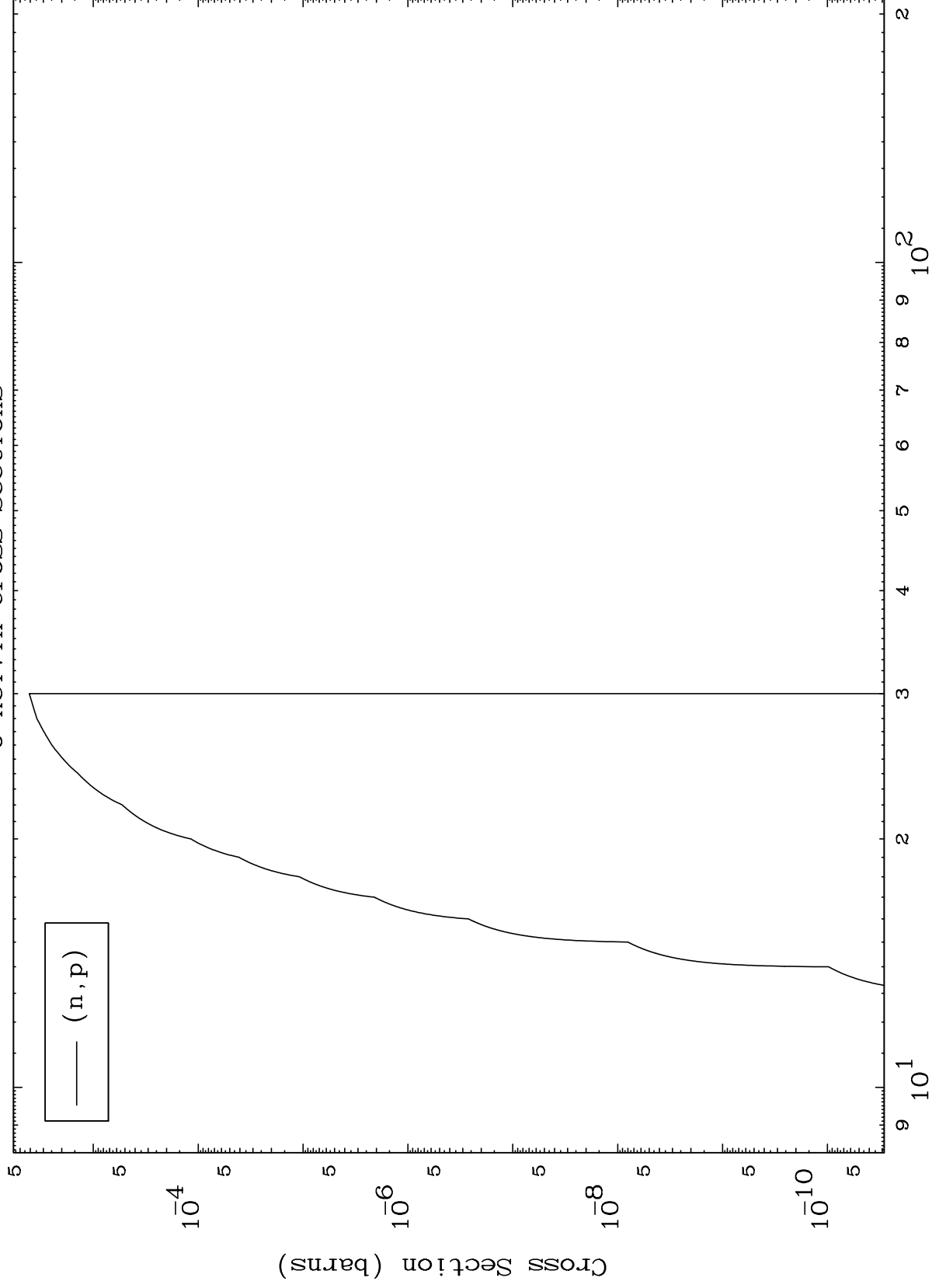
72-Hf-179m



MAT 7241

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

$^{72}\text{Hf}-179\text{m}$



$^{72}\text{Hf}-179\text{m}$

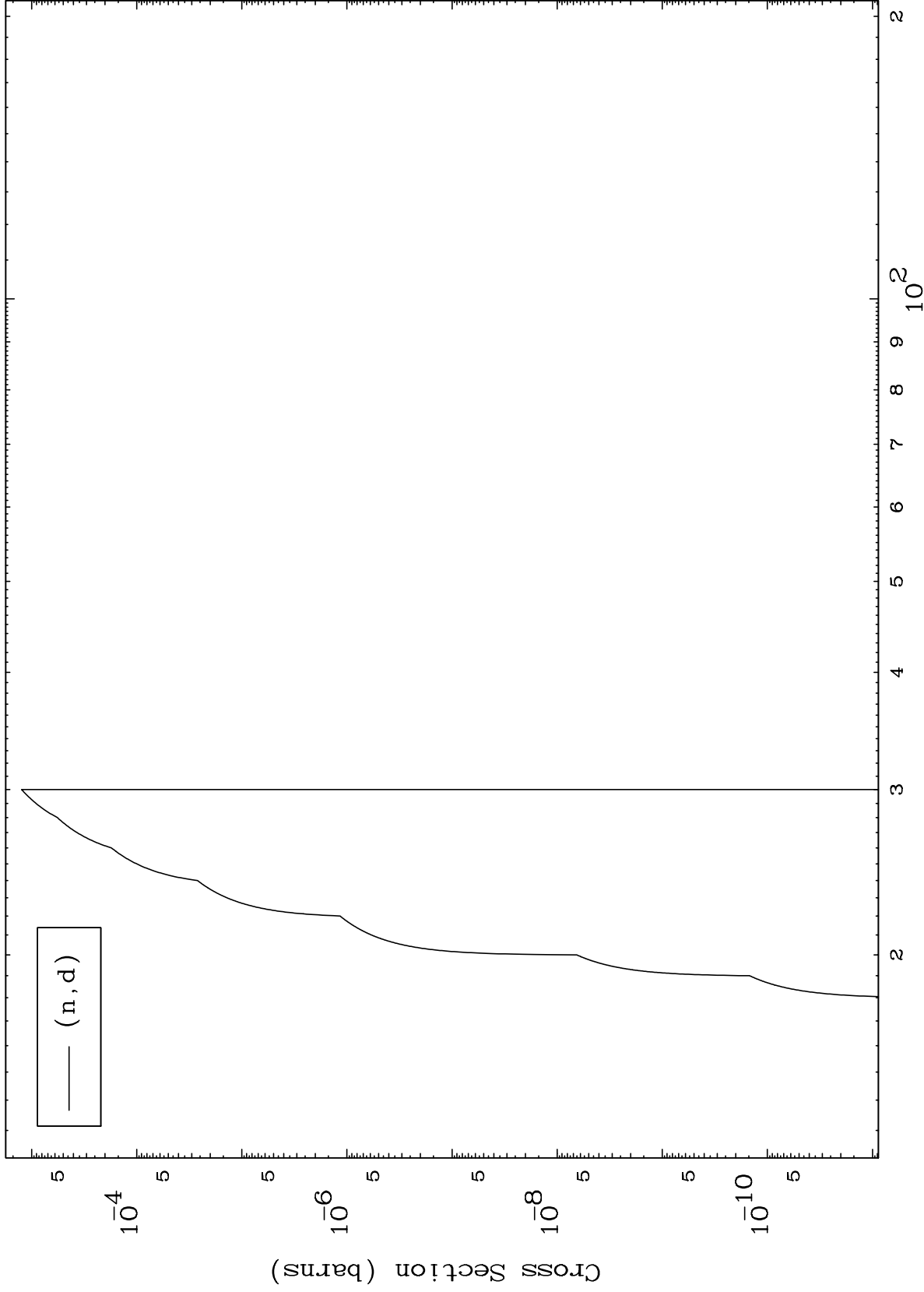
Incident Energy (MeV)

5

MAT 7241

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

<sup>72</sup>Hf-179m



6

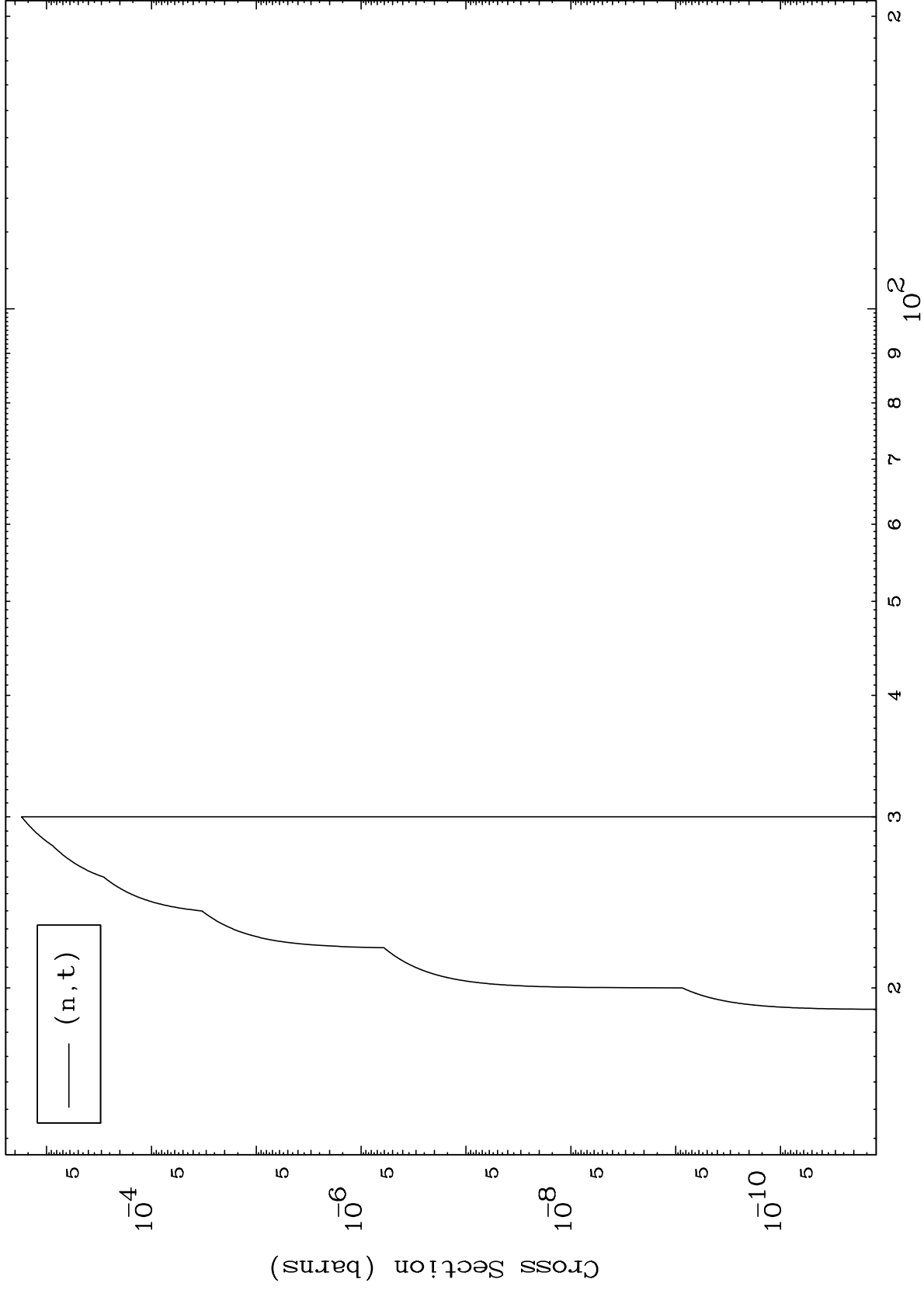
Incident Energy (MeV)

<sup>72</sup>Hf-179m

MAT 7241

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

72-Hf-179m



7

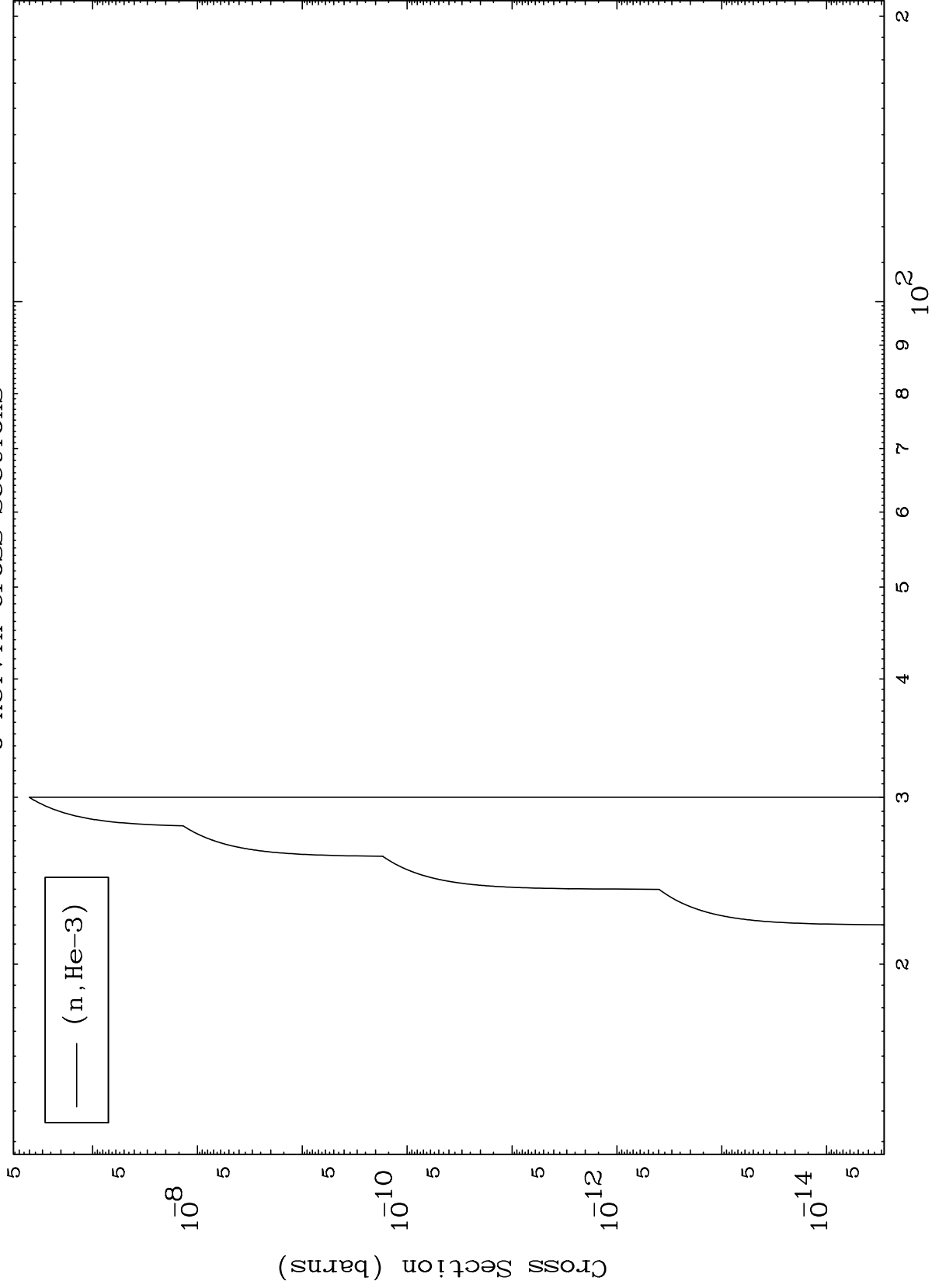
Incident Energy (MeV)

72-Hf-179m

MAT 7241

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

72-Hf-179m

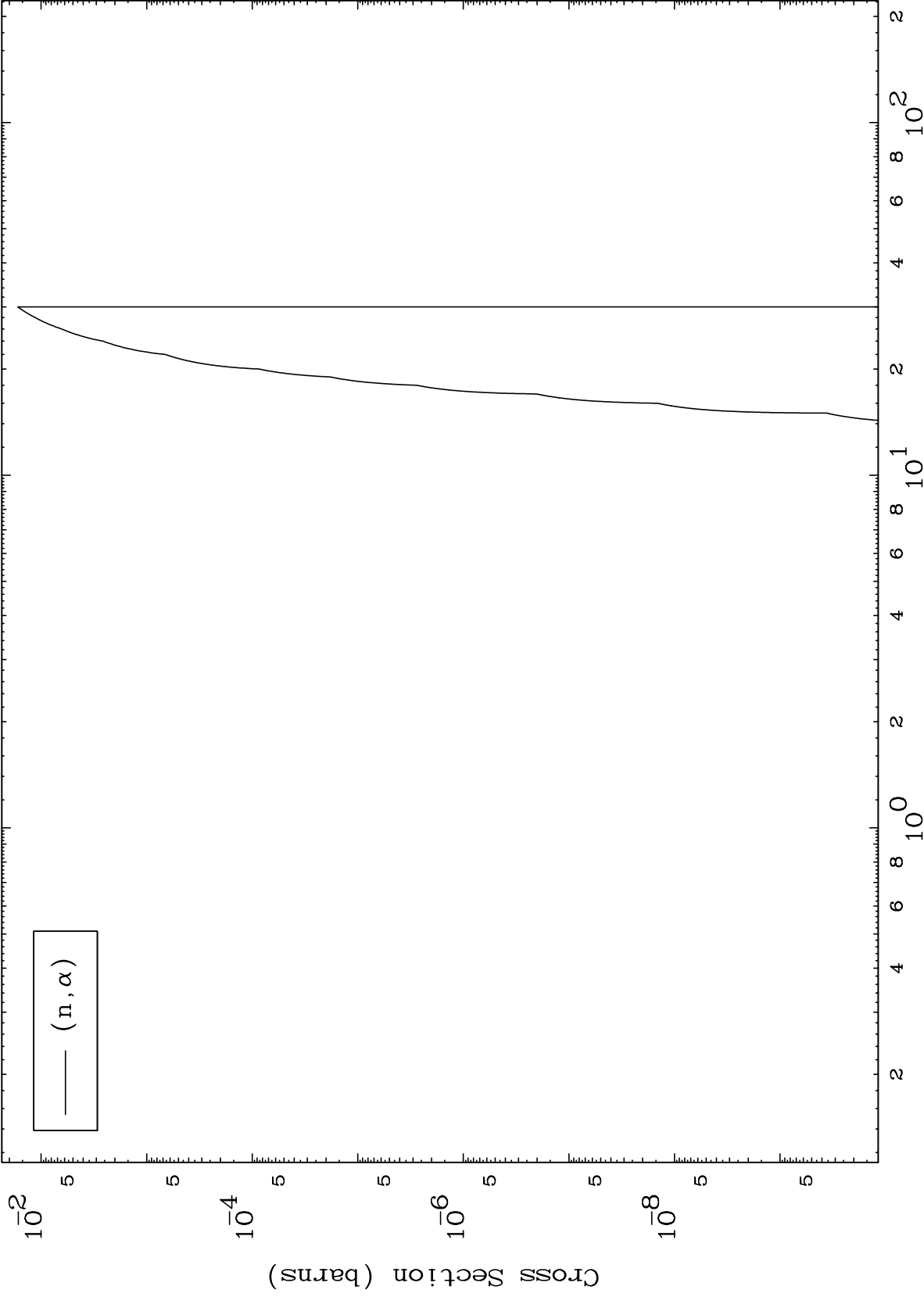


MAT 7241

( $\alpha, \alpha$ ) Levels

$^{72}\text{Hf}-179\text{m}$

0 Kelvin Cross Sections

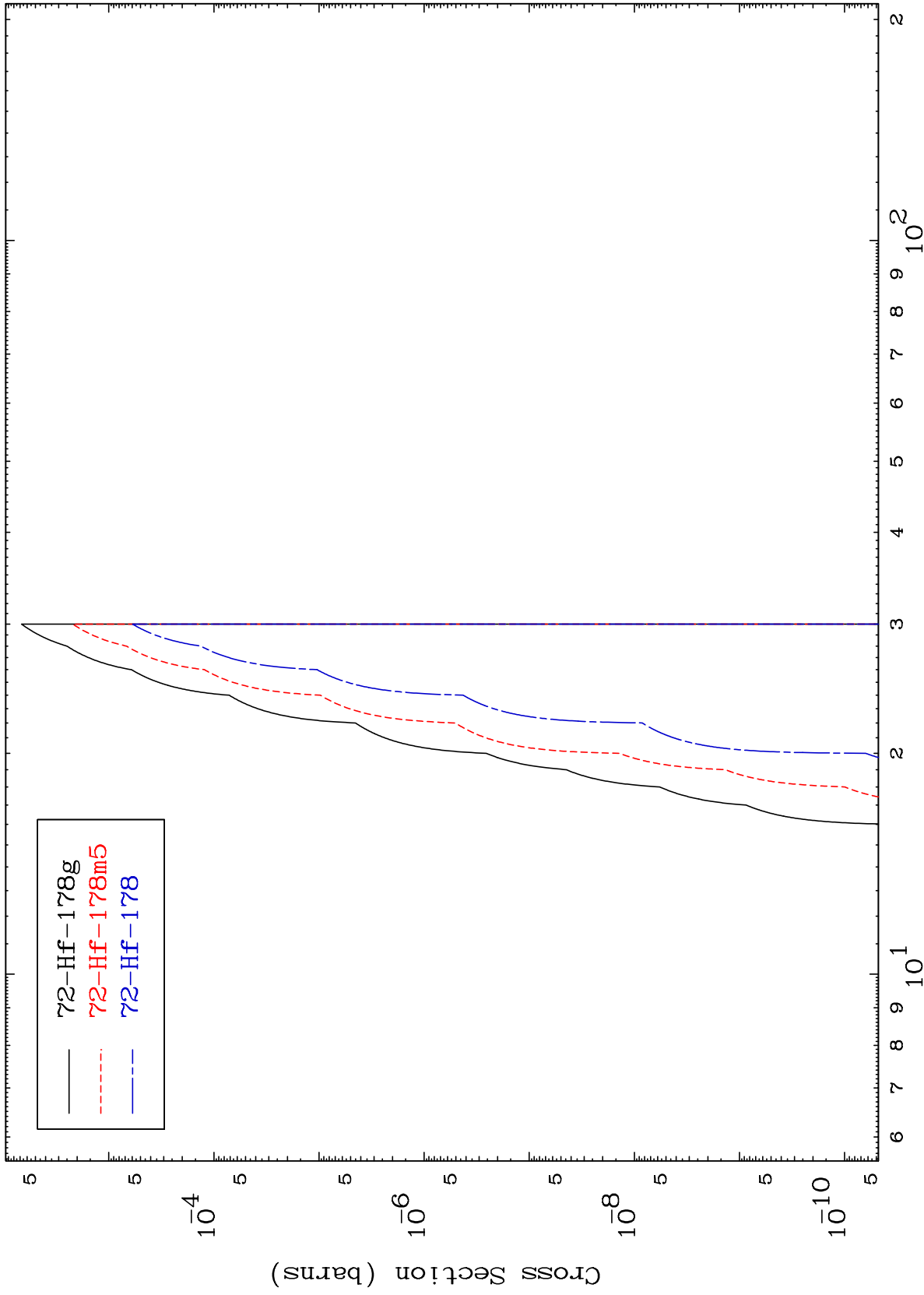


MAT 7241

$(n, n') \alpha$

$^{72}\text{Hf}-179\text{m}$

Radionuclide Production Cross Section



10

Incident Energy (MeV)

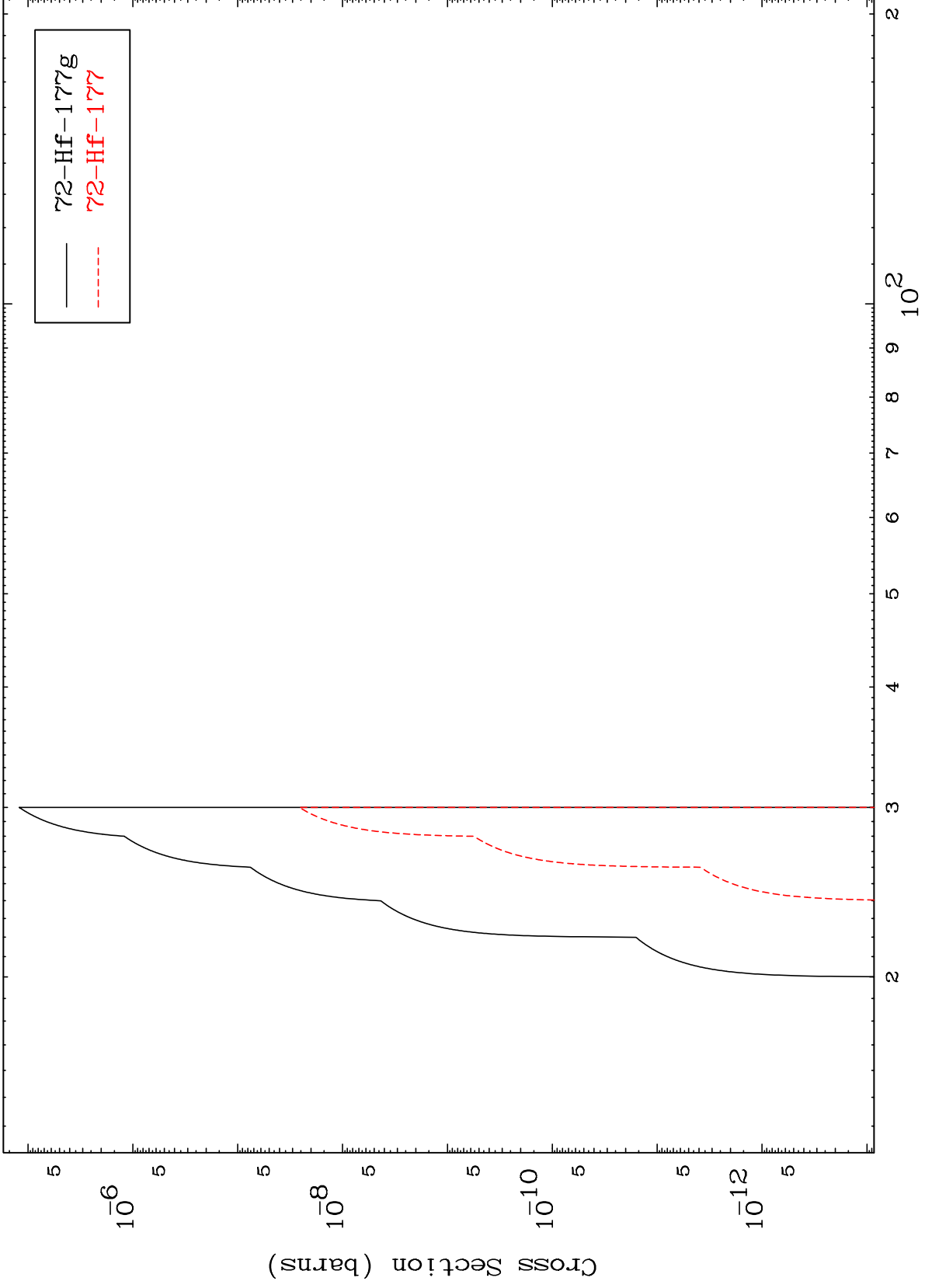
$^{72}\text{Hf}-179\text{m}$

MAT 7241

$(n,2n) \alpha$

$^{72}\text{Hf}-179\text{m}$

Radionuclide Production Cross Section

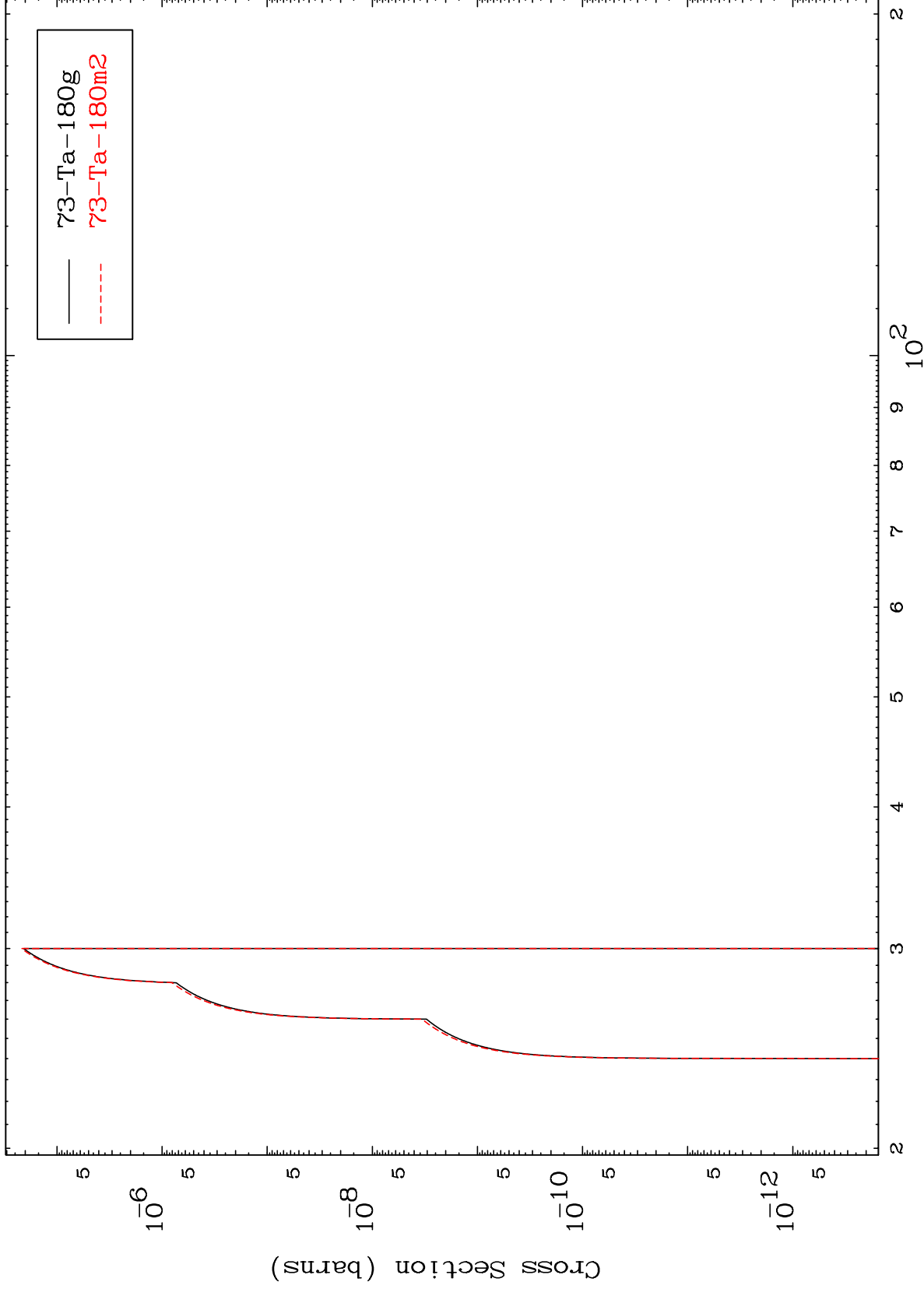


MAT 7241

(n,n') d

72-Hf-179m

Radionuclide Production Cross Section



12

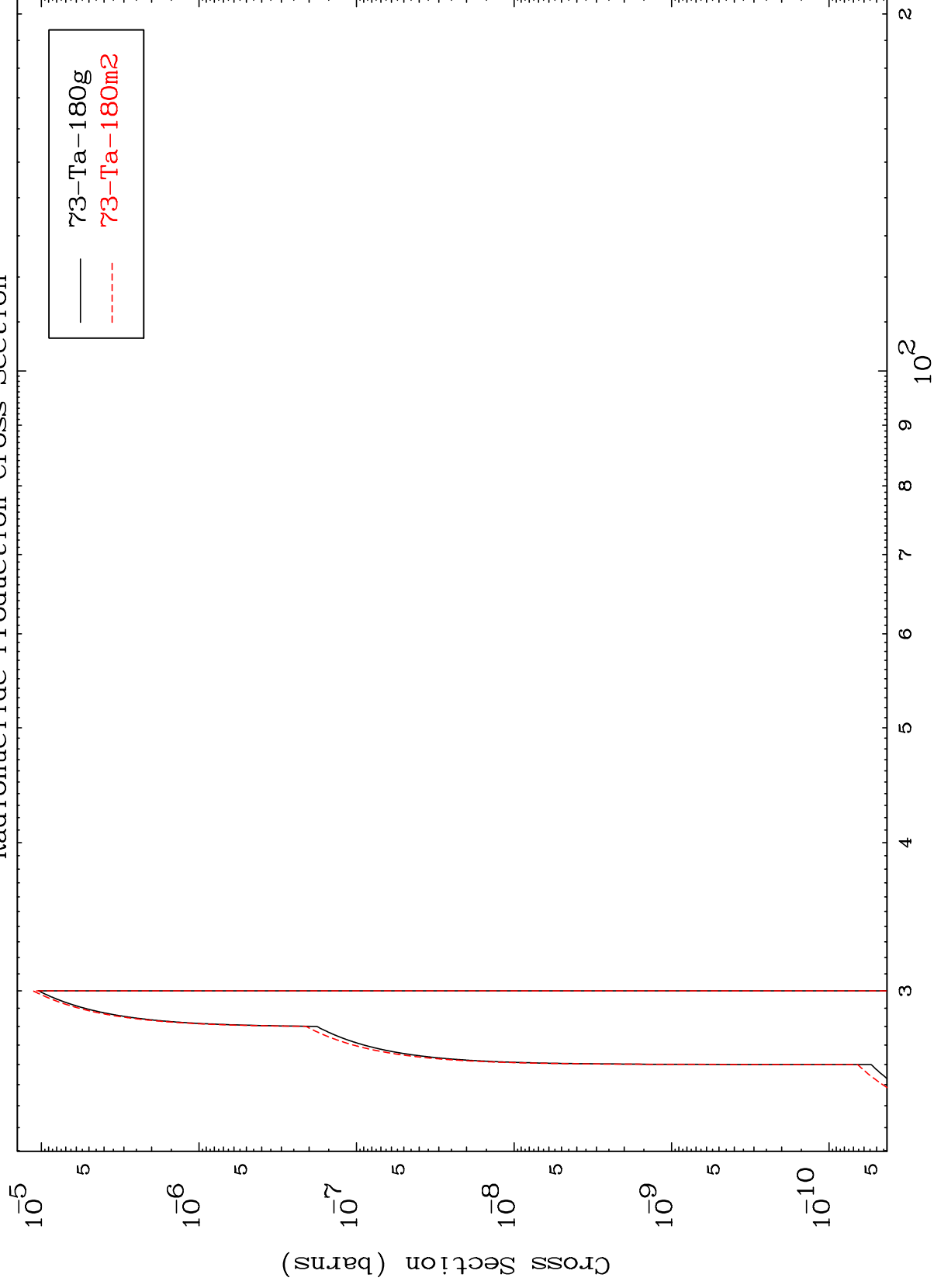
Incident Energy (MeV)

72-Hf-179m

MAT 7241

72-Hf-179m

(n,2n) p  
Radionuclide Production Cross Section



13

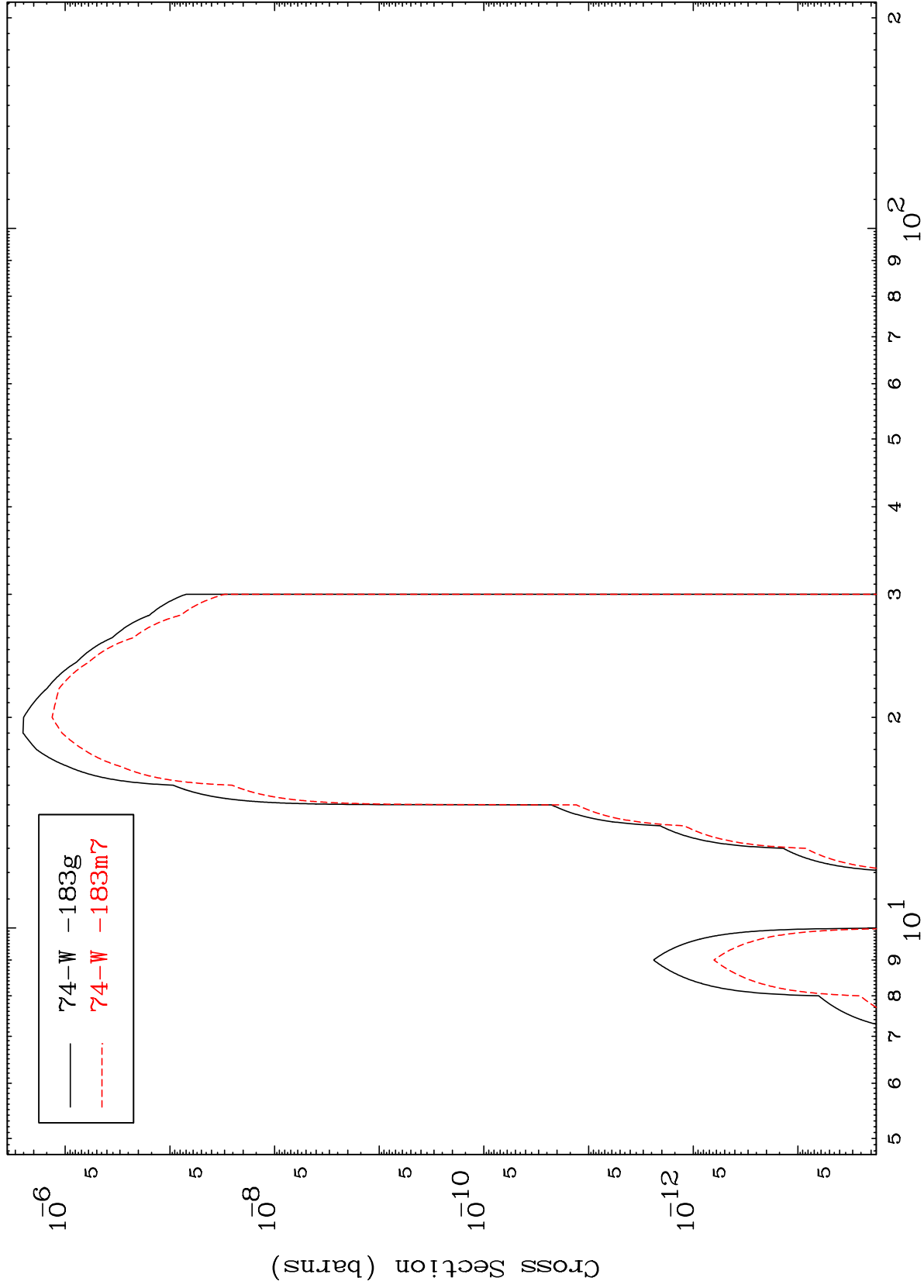
Incident Energy (MeV)

72-Hf-179m

MAT 7241

72-Hf-179m

(n,γ)  
Radionuclide Production Cross Section



72-Hf-179m

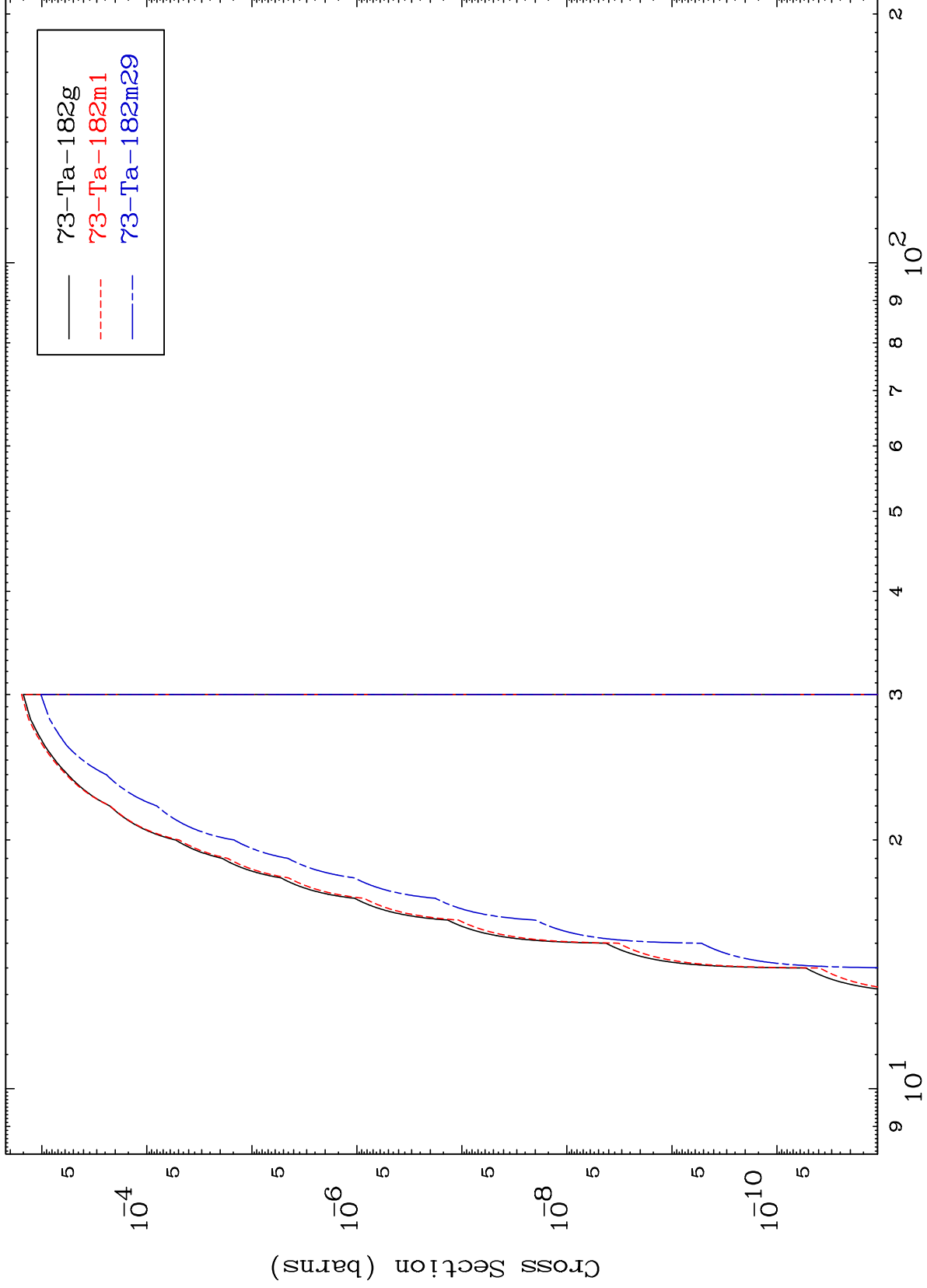
Incident Energy (MeV)

14

MAT 7241

72-Hf-179m

(n,p)  
Radionuclide Production Cross Section



72-Hf-179m

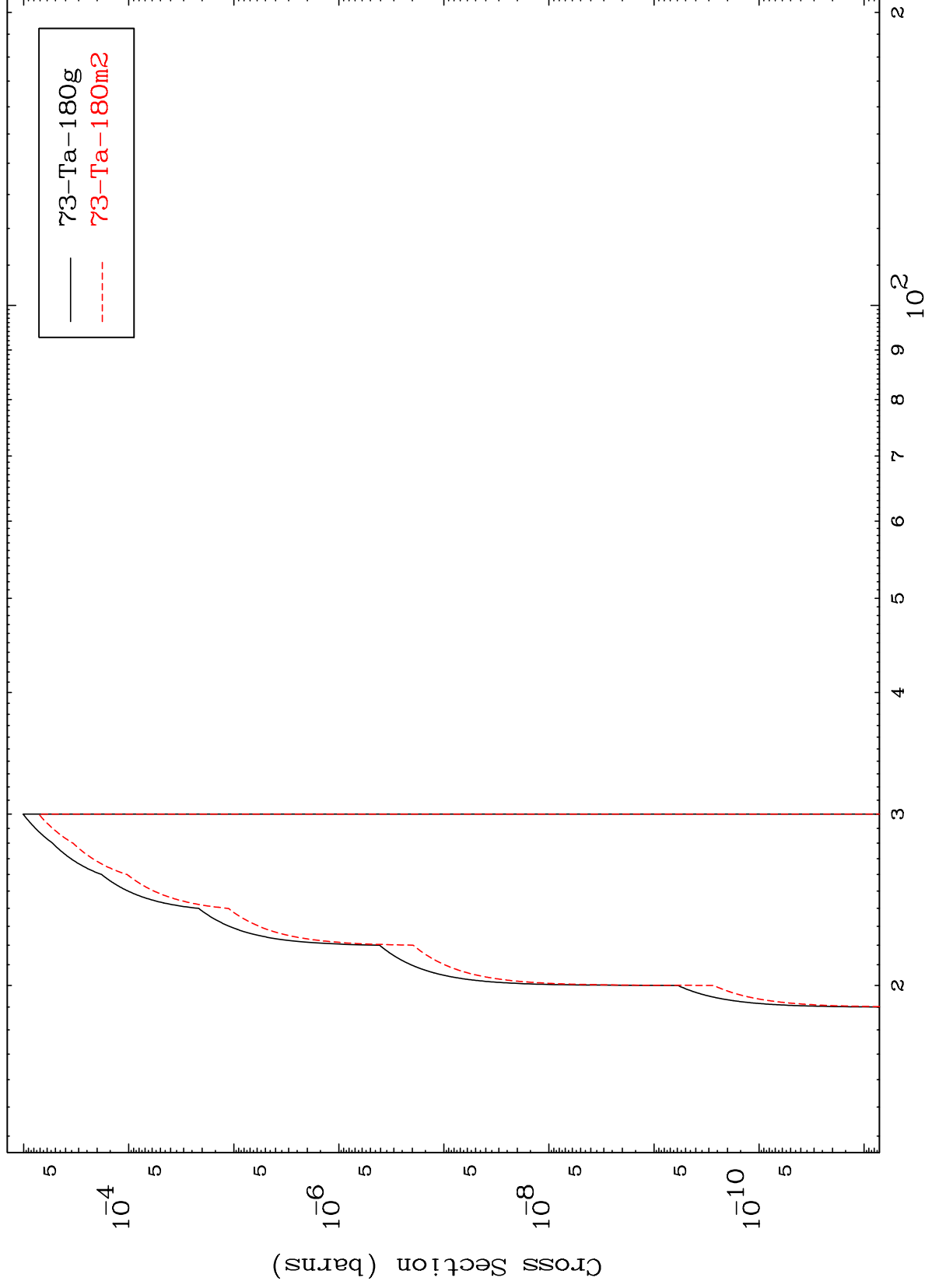
Incident Energy (MeV)

15

MAT 7241

72-Hf-179m

(n,t)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

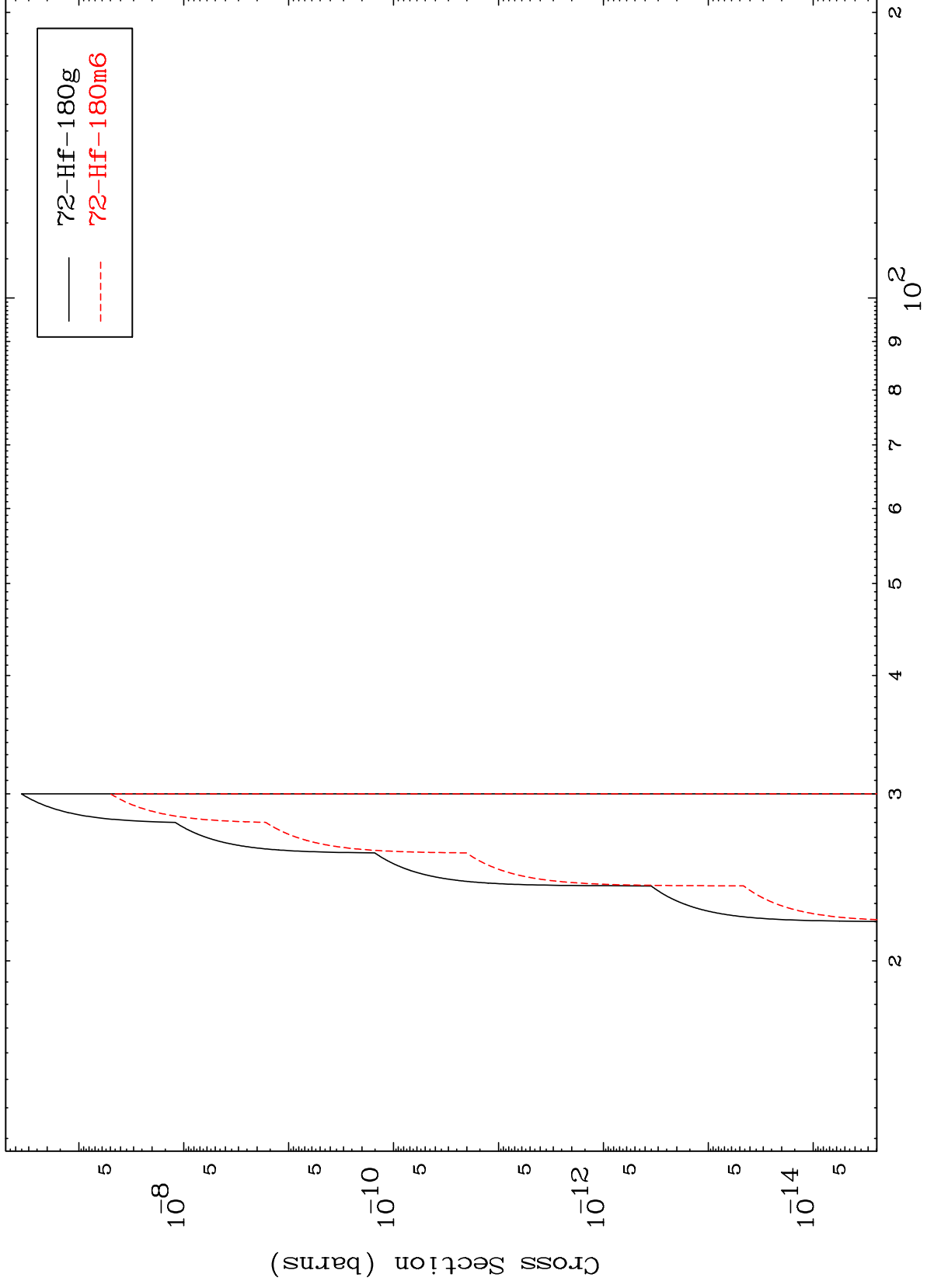
72-Hf-179m

MAT 7241

(n,He-3)

72-Hf-179m

Radionuclide Production Cross Section



17

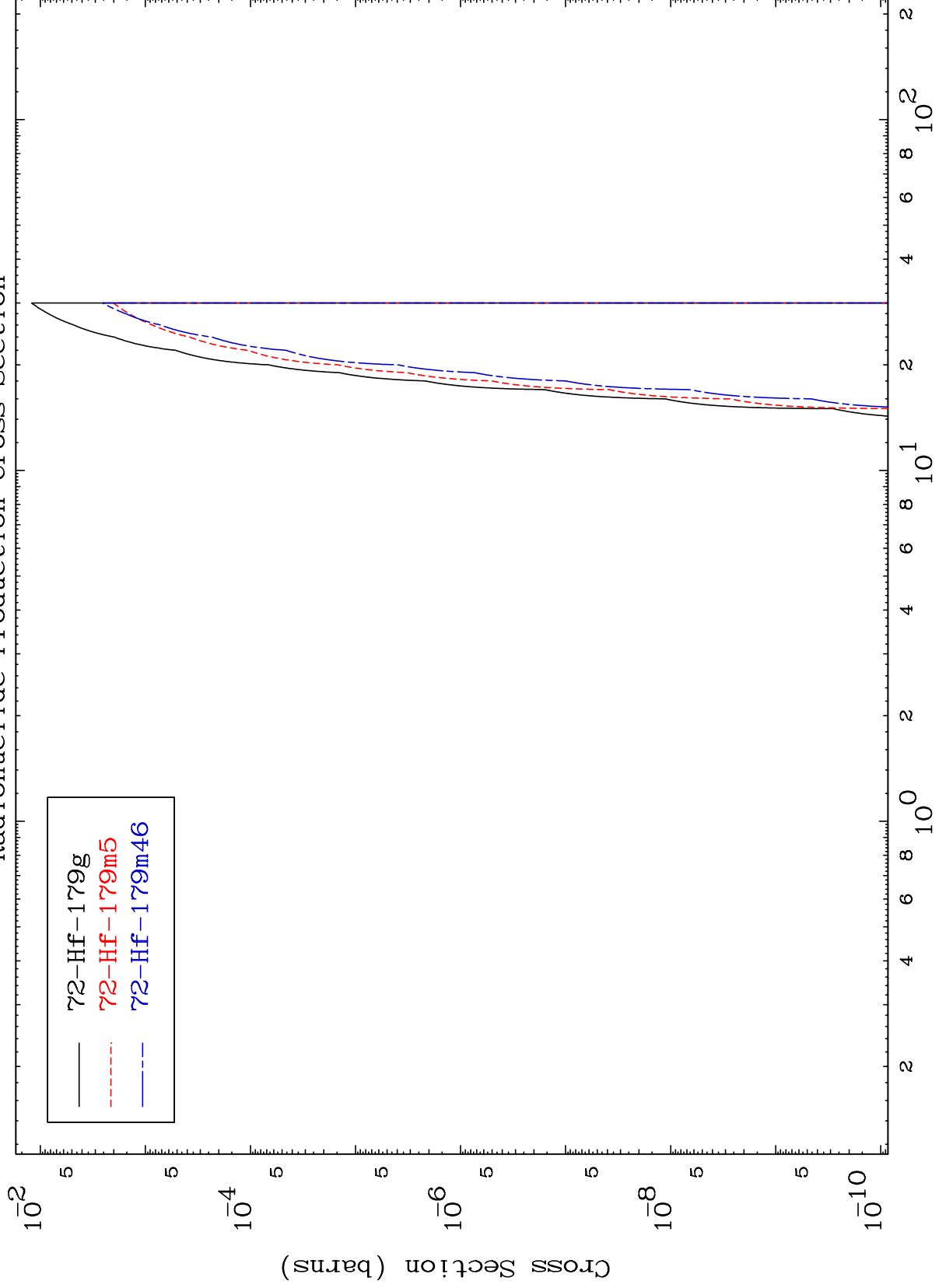
Incident Energy (MeV)

72-Hf-179m

MAT 7241

<sup>72</sup>Hf-179m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

<sup>72</sup>Hf-179m