

Program EVALPLOT  
(Version 2018-1)

by

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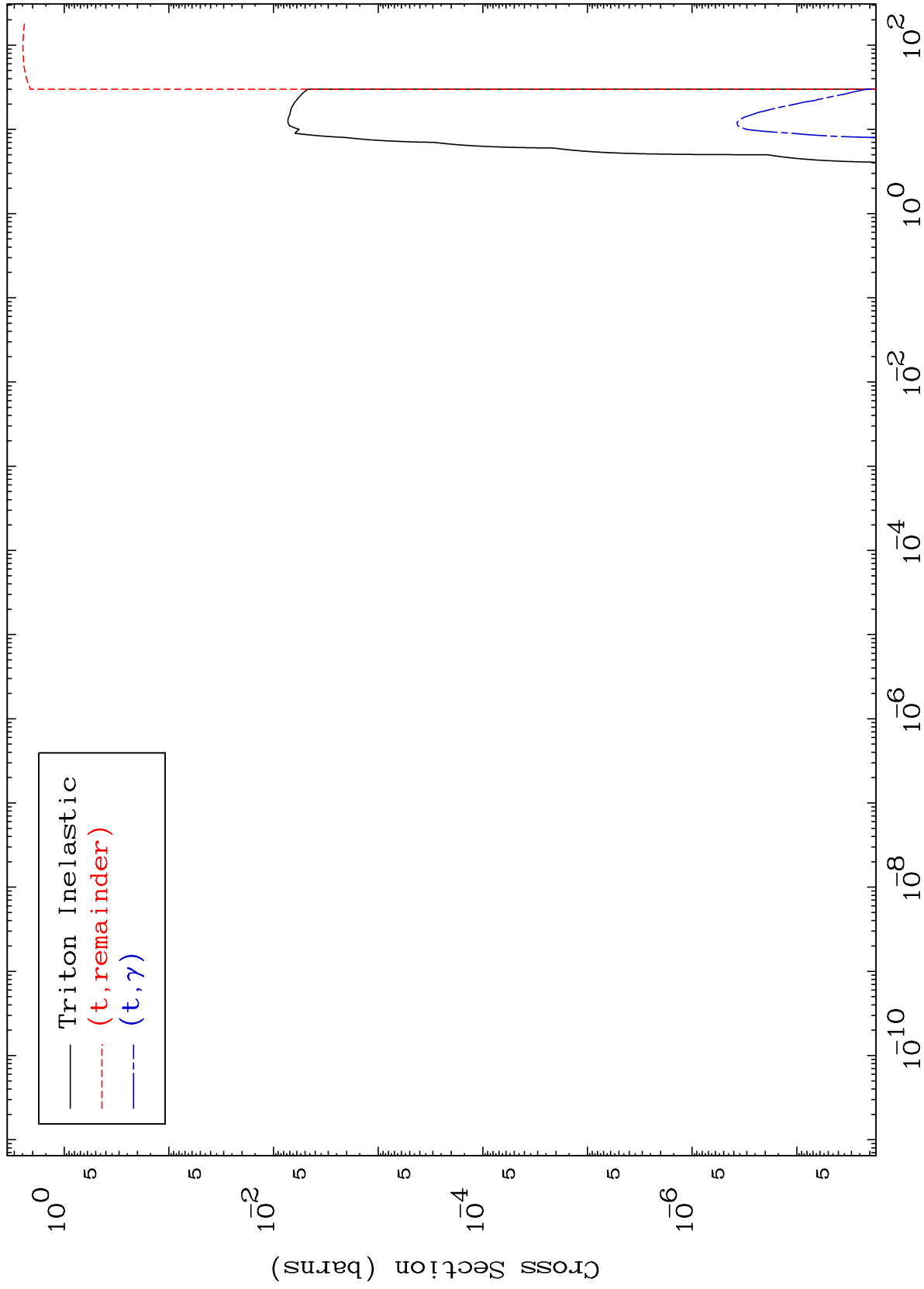
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7328

Triton Major  
0 Kelvin Cross Sections

73-Ta-181



1

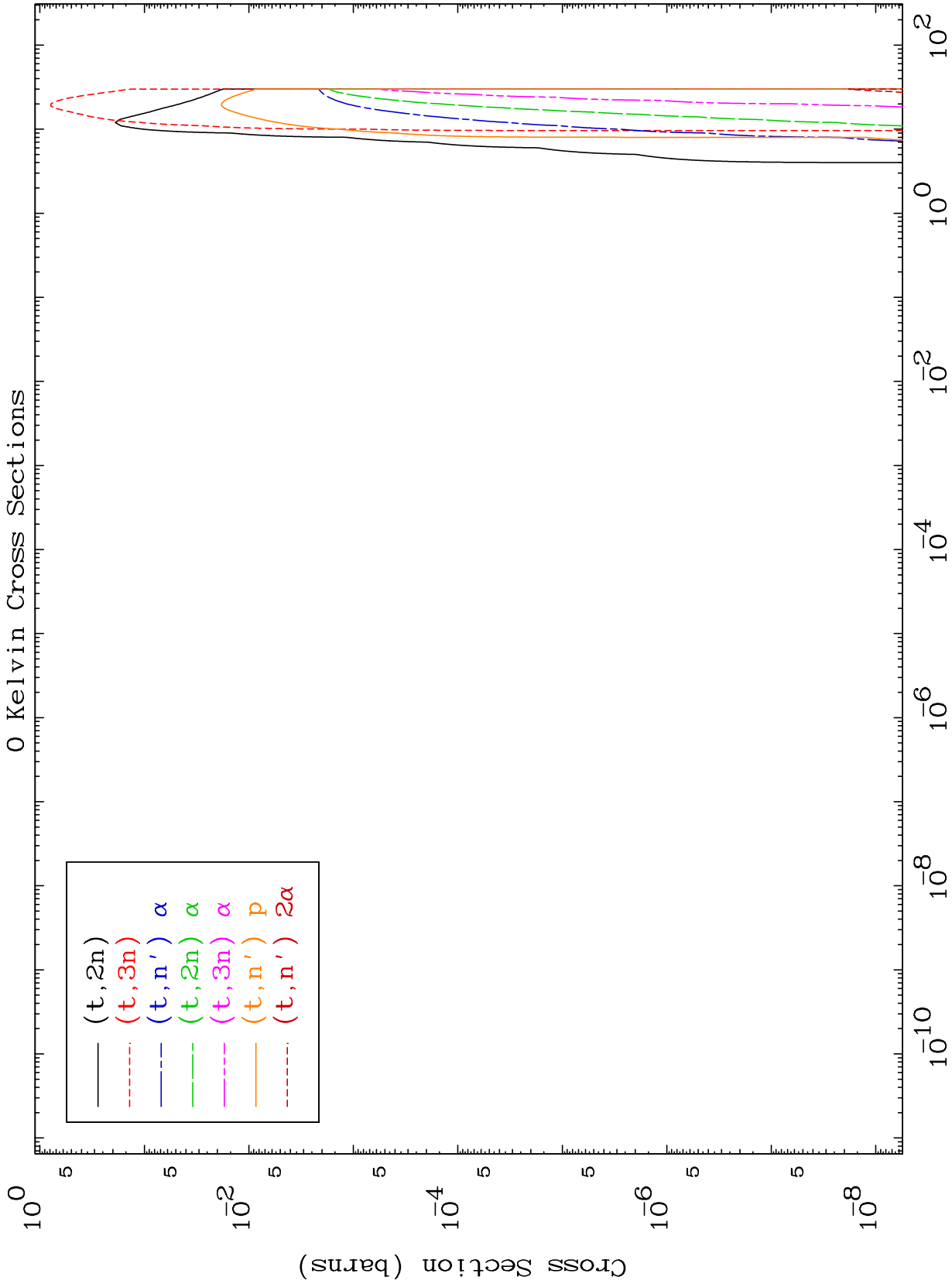
Incident Energy (MeV)

73-Ta-181

MAT 7328

Triton Neutron Production  
0 Kelvin Cross Sections

73-Ta-181



2

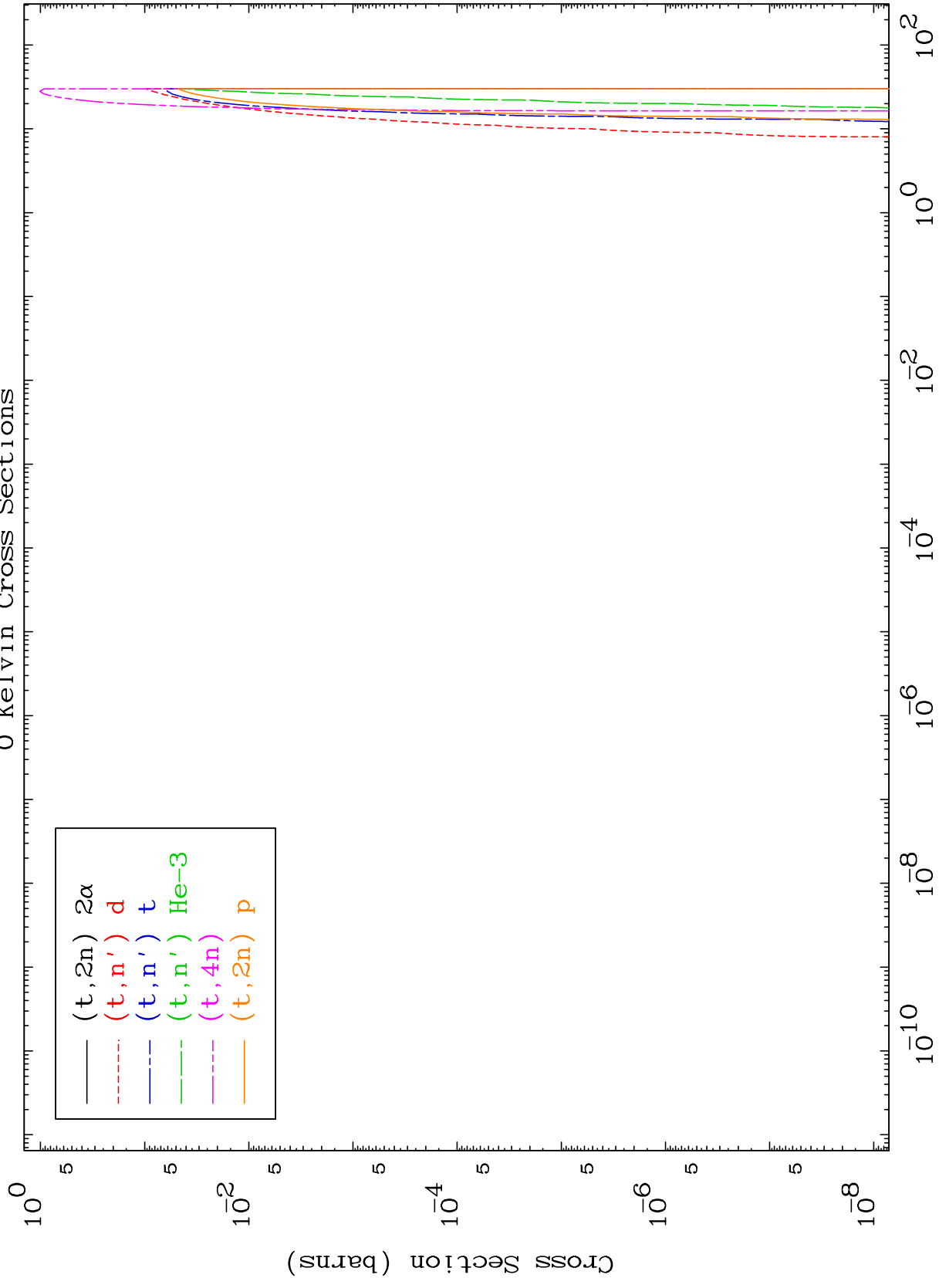
Incident Energy (MeV)

73-Ta-181

MAT 7328

Triton Neutron Production  
0 Kelvin Cross Sections

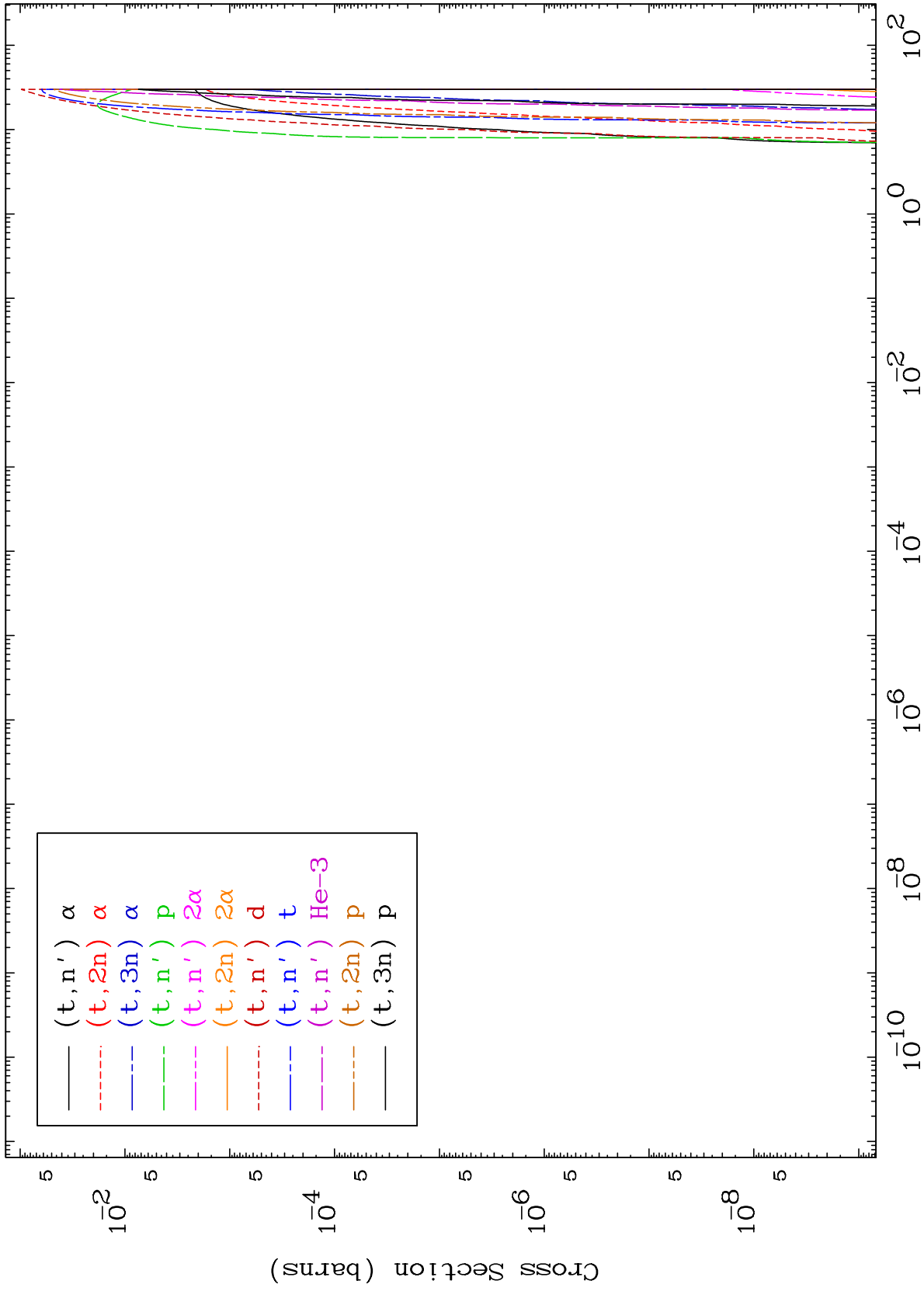
73-Ta-181



MAT 7328

Triton Charged Particle  
0 Kelvin Cross Sections

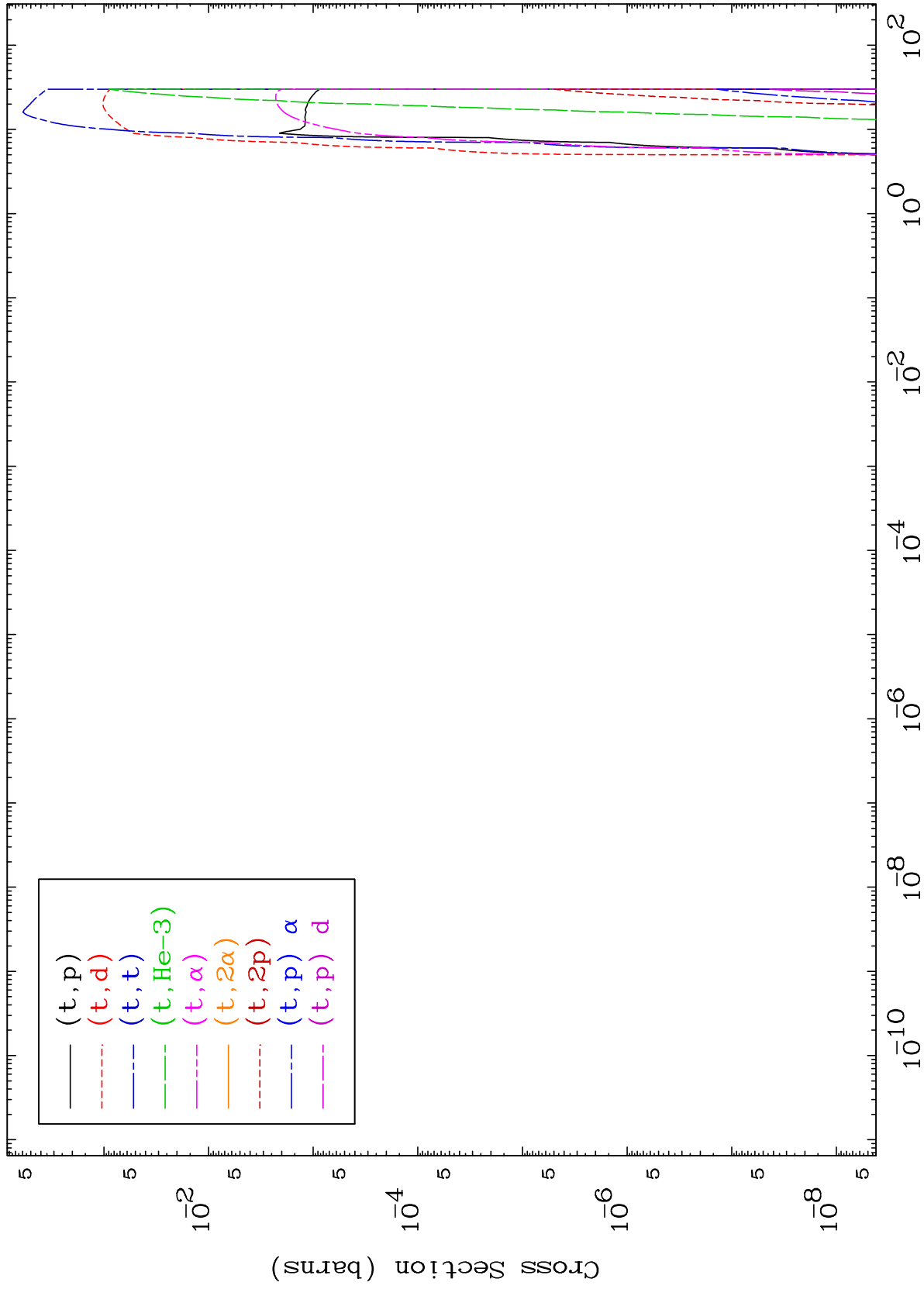
73-Ta-181



MAT 7328

Triton Charged Particle  
0 Kelvin Cross Sections

73-Ta-181



5

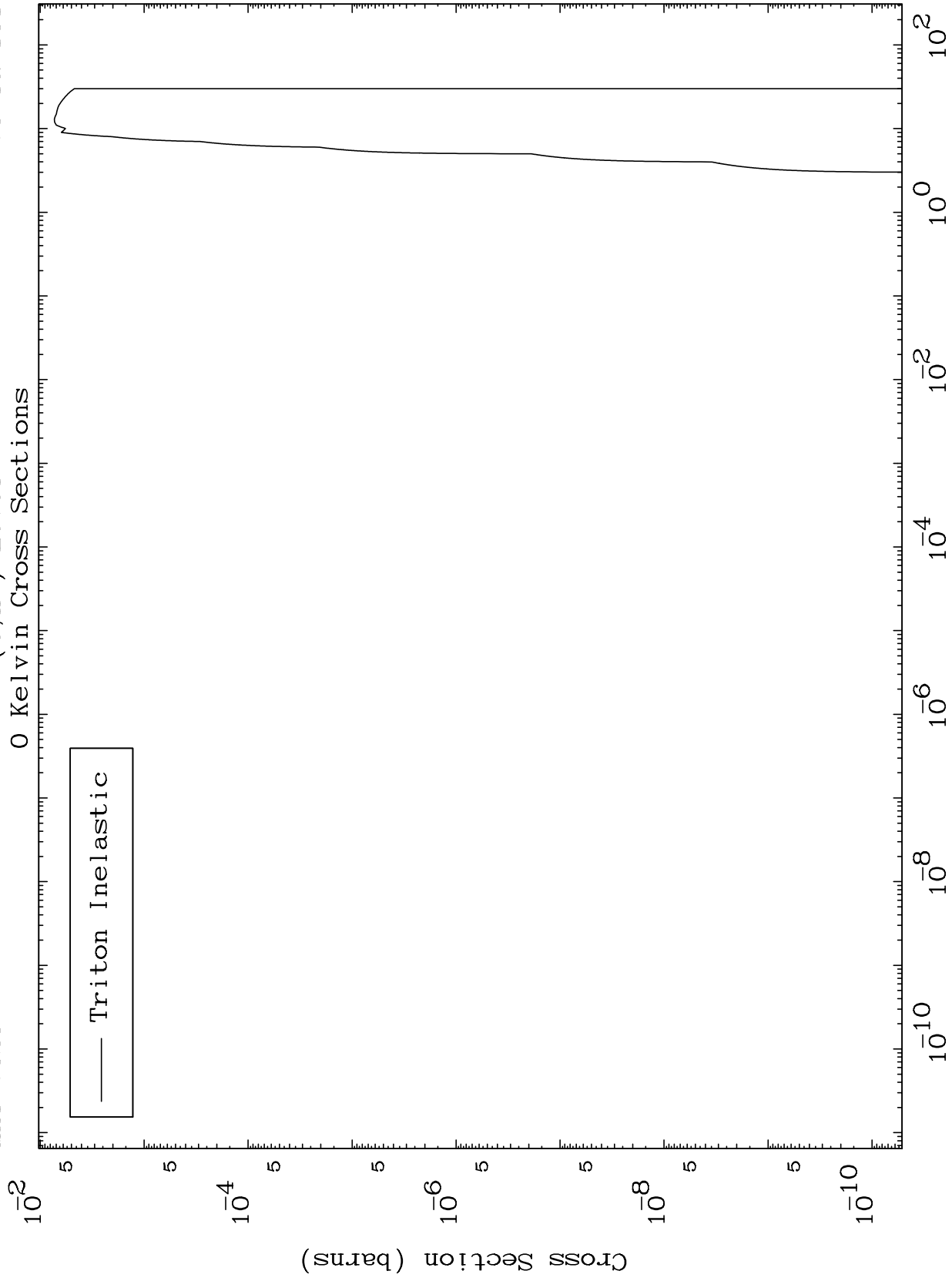
Incident Energy (MeV)

73-Ta-181

MAT 7328

(t,n') Level  
0 Kelvin Cross Sections

73-Ta-181



6

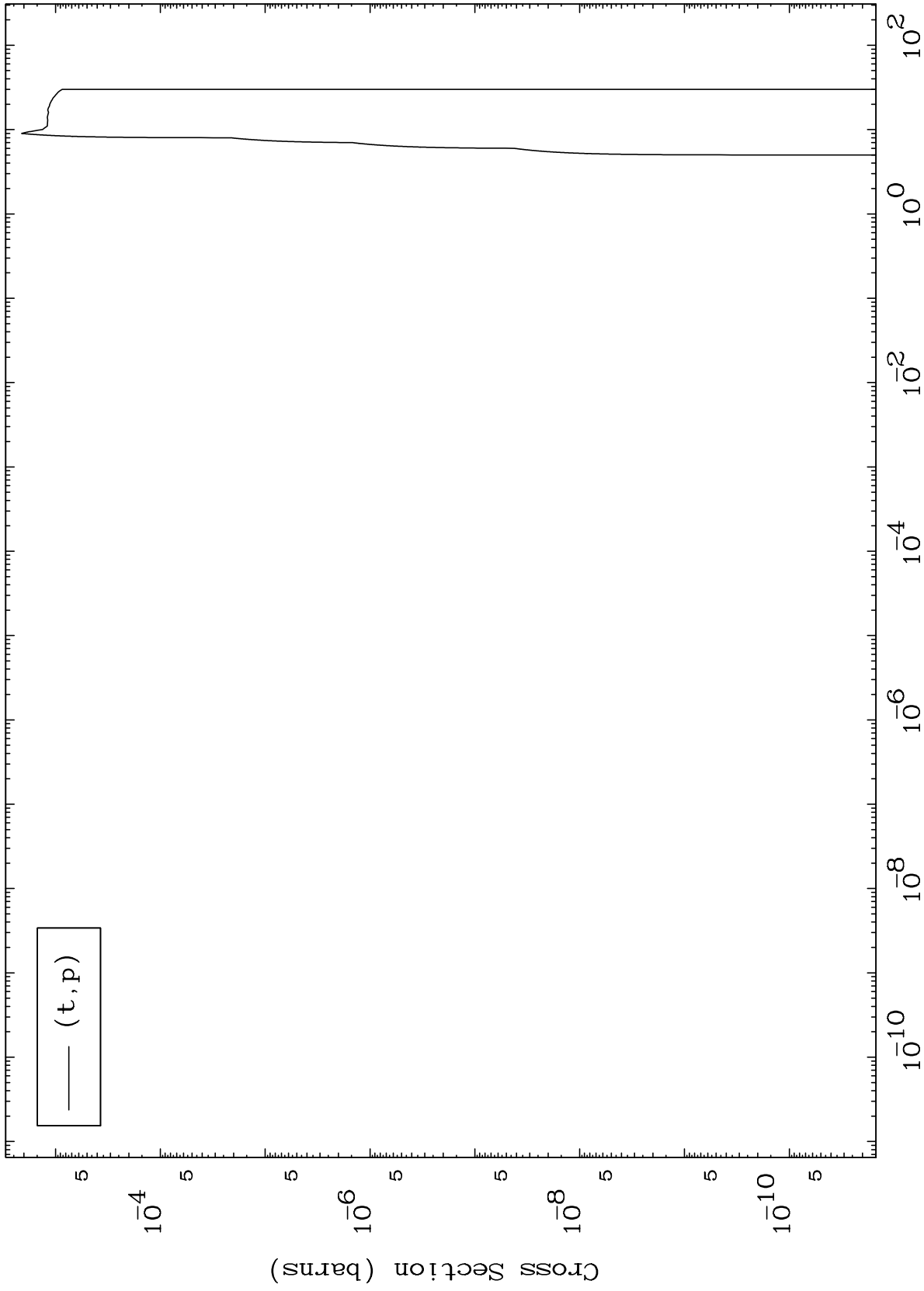
Incident Energy (MeV)

73-Ta-181

MAT 7328

(t,p) Levels  
0 Kelvin Cross Sections

73-Ta-181



7

Incident Energy (MeV)

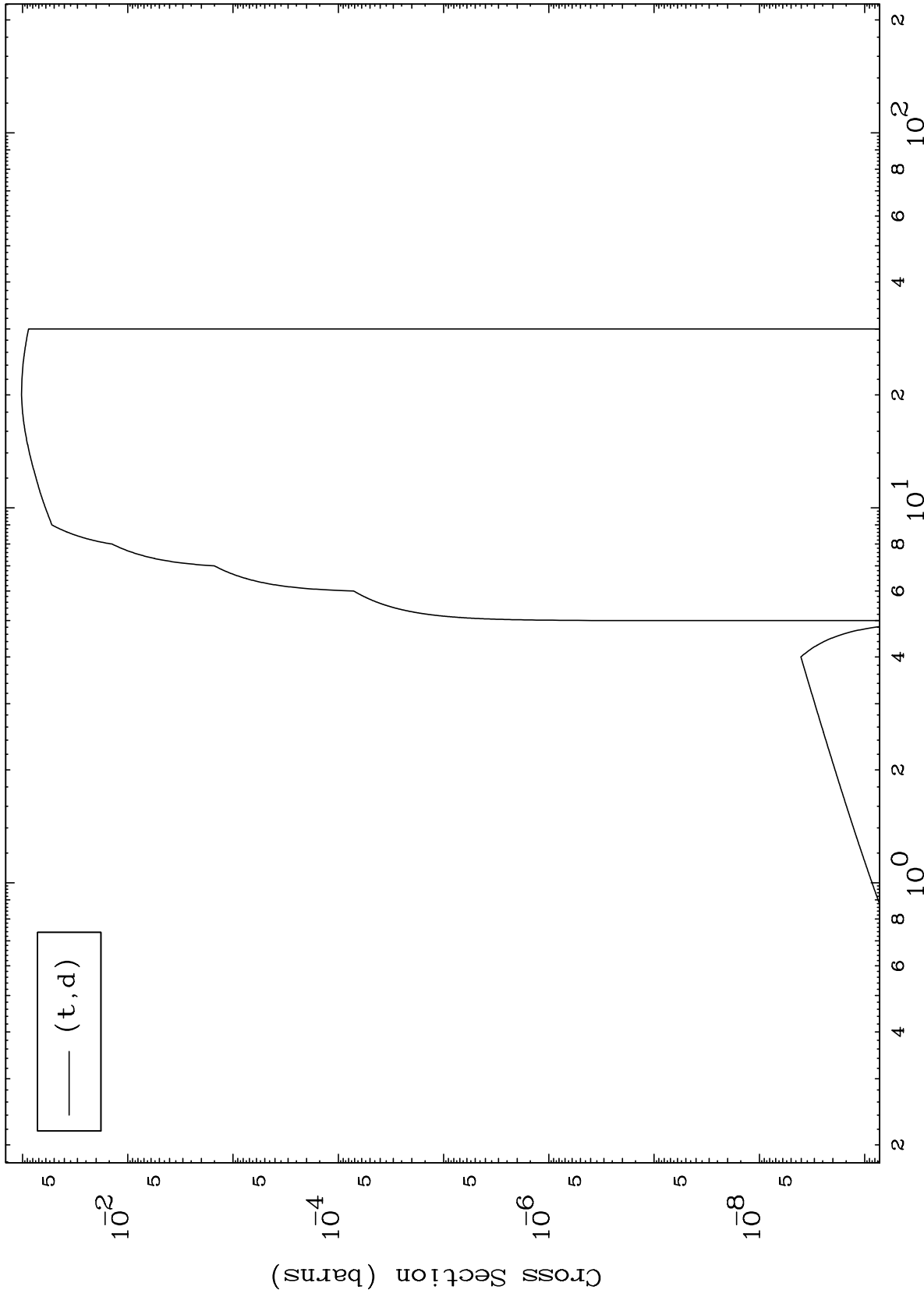
73-Ta-181



MAT 7328

(t,d) Levels  
0 Kelvin Cross Sections

73-Ta-181



8

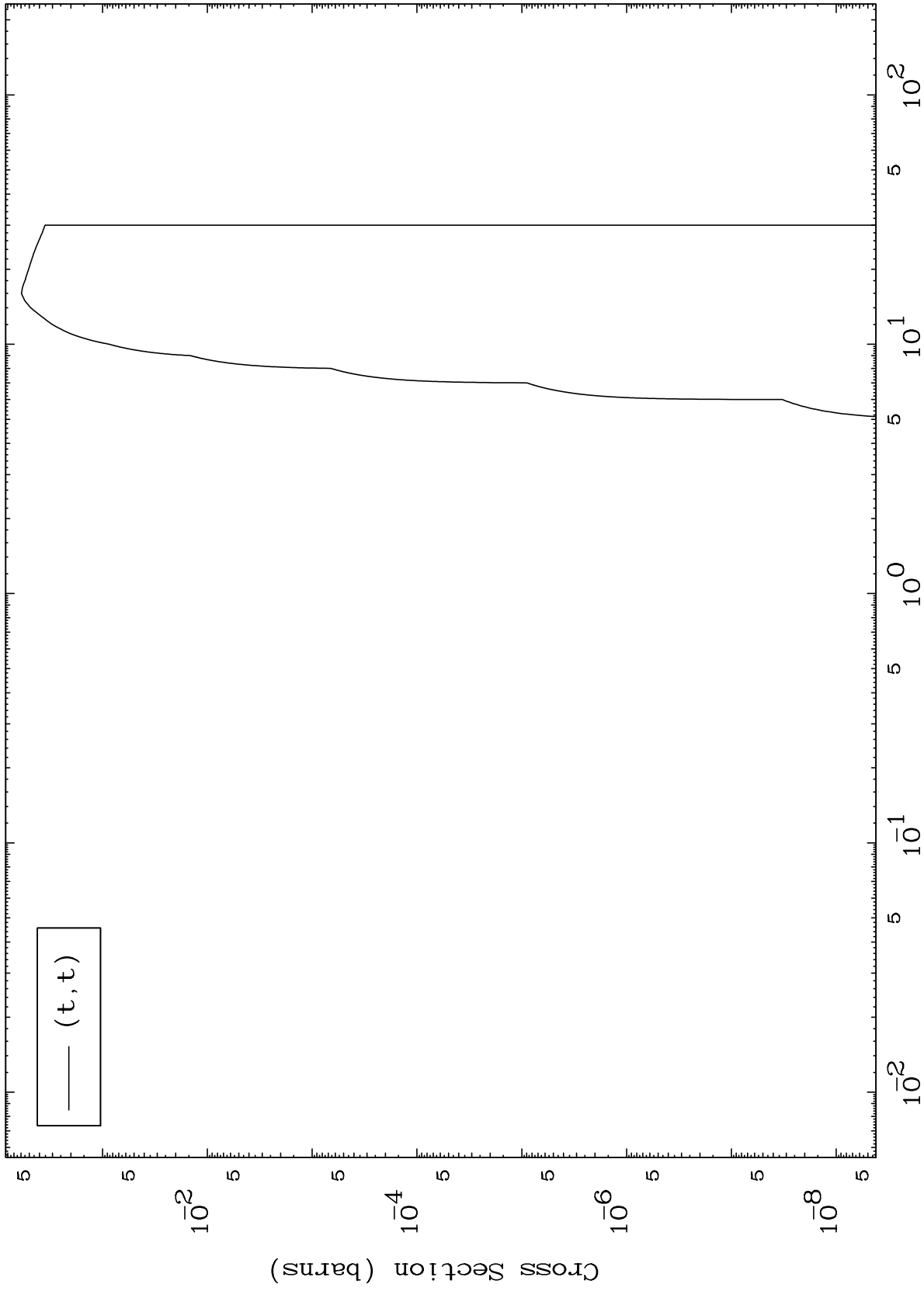
Incident Energy (MeV)

73-Ta-181

MAT 7328

(t,t) Levels  
0 Kelvin Cross Sections

73-Ta-181



9

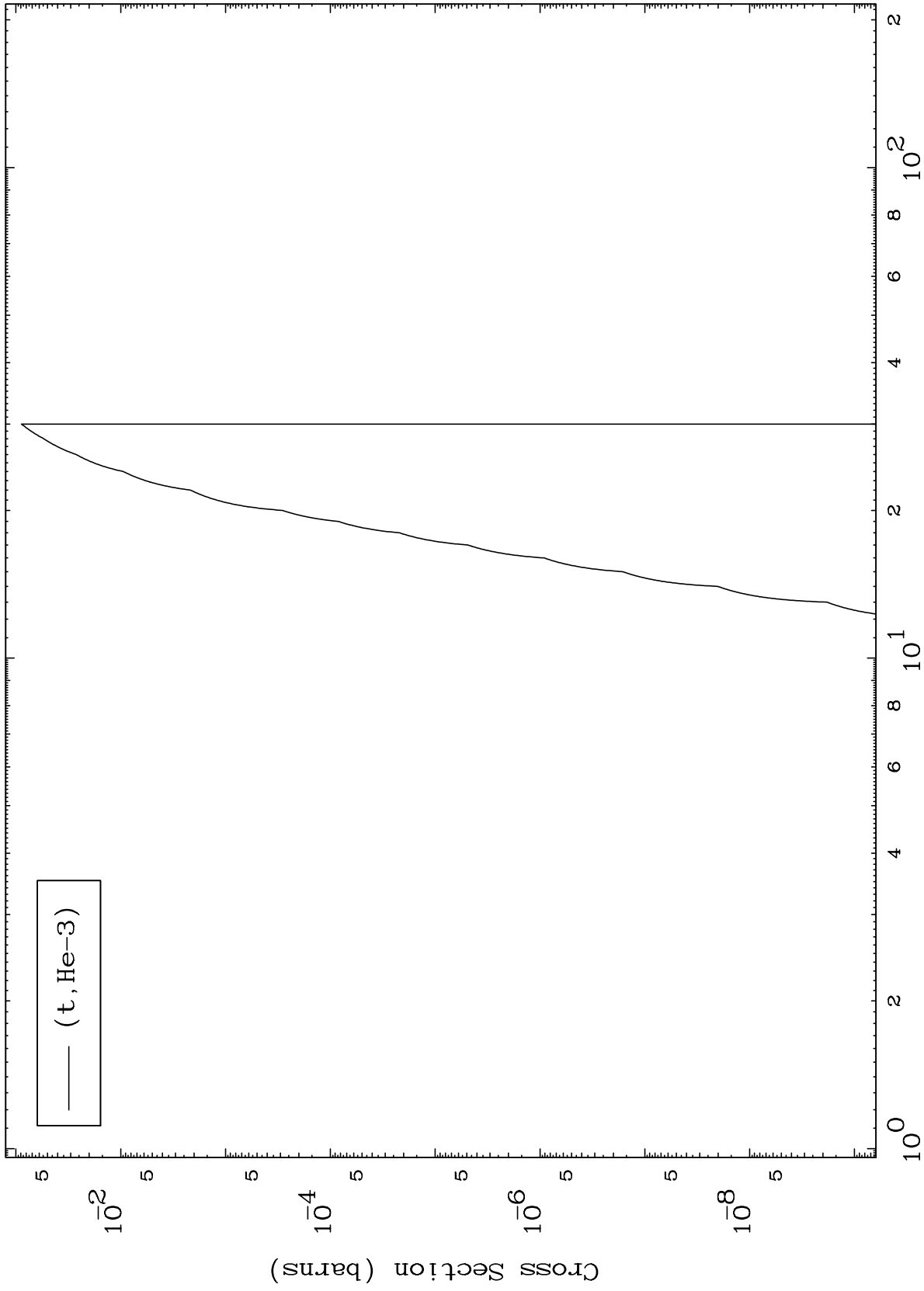
Incident Energy (MeV)

73-Ta-181

MAT 7328

(t,He3) Levels  
0 Kelvin Cross Sections

73-Ta-181



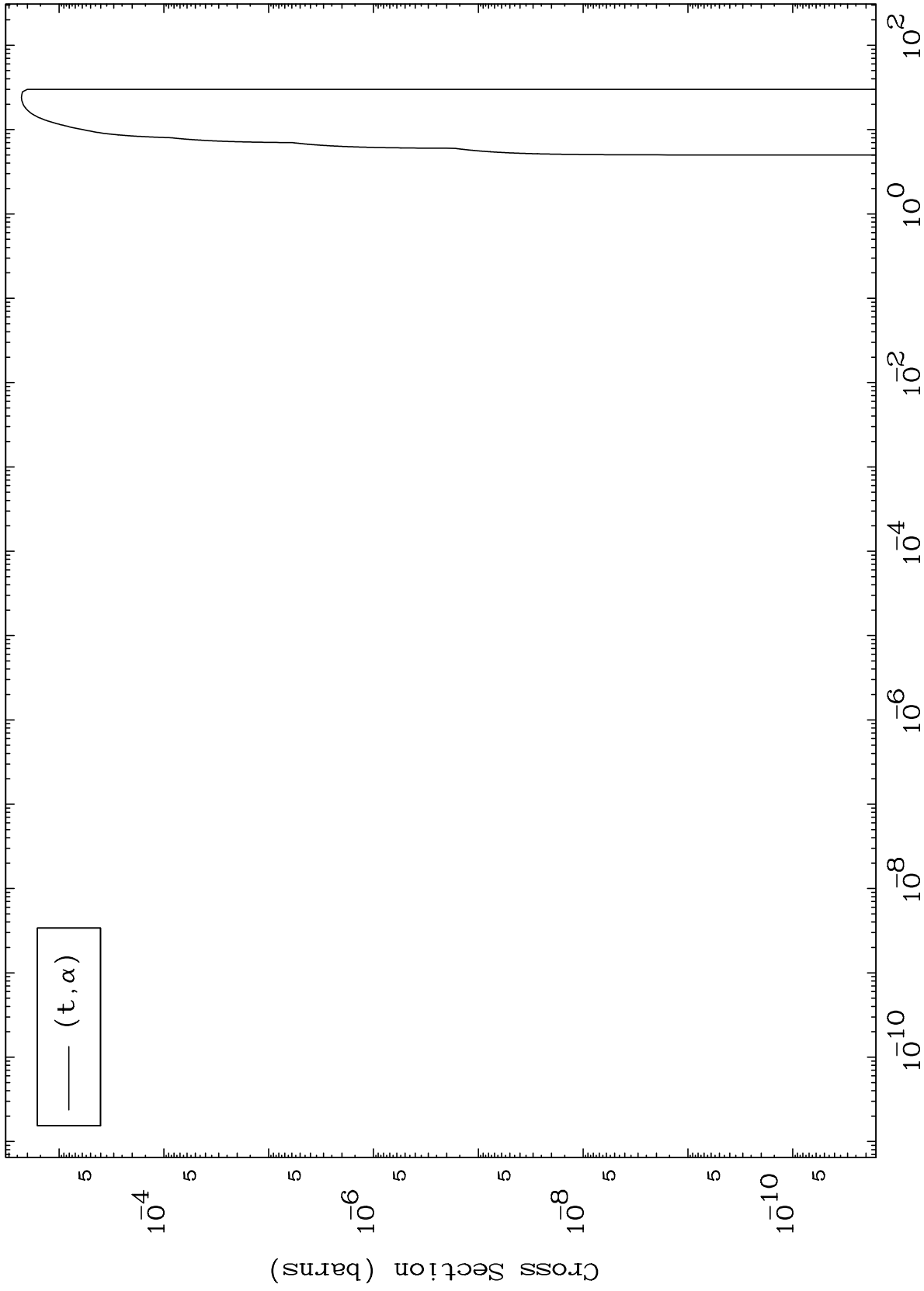
Incident Energy (MeV)

73-Ta-181

MAT 7328

(t,α) Levels  
0 Kelvin Cross Sections

73-Ta-181



11

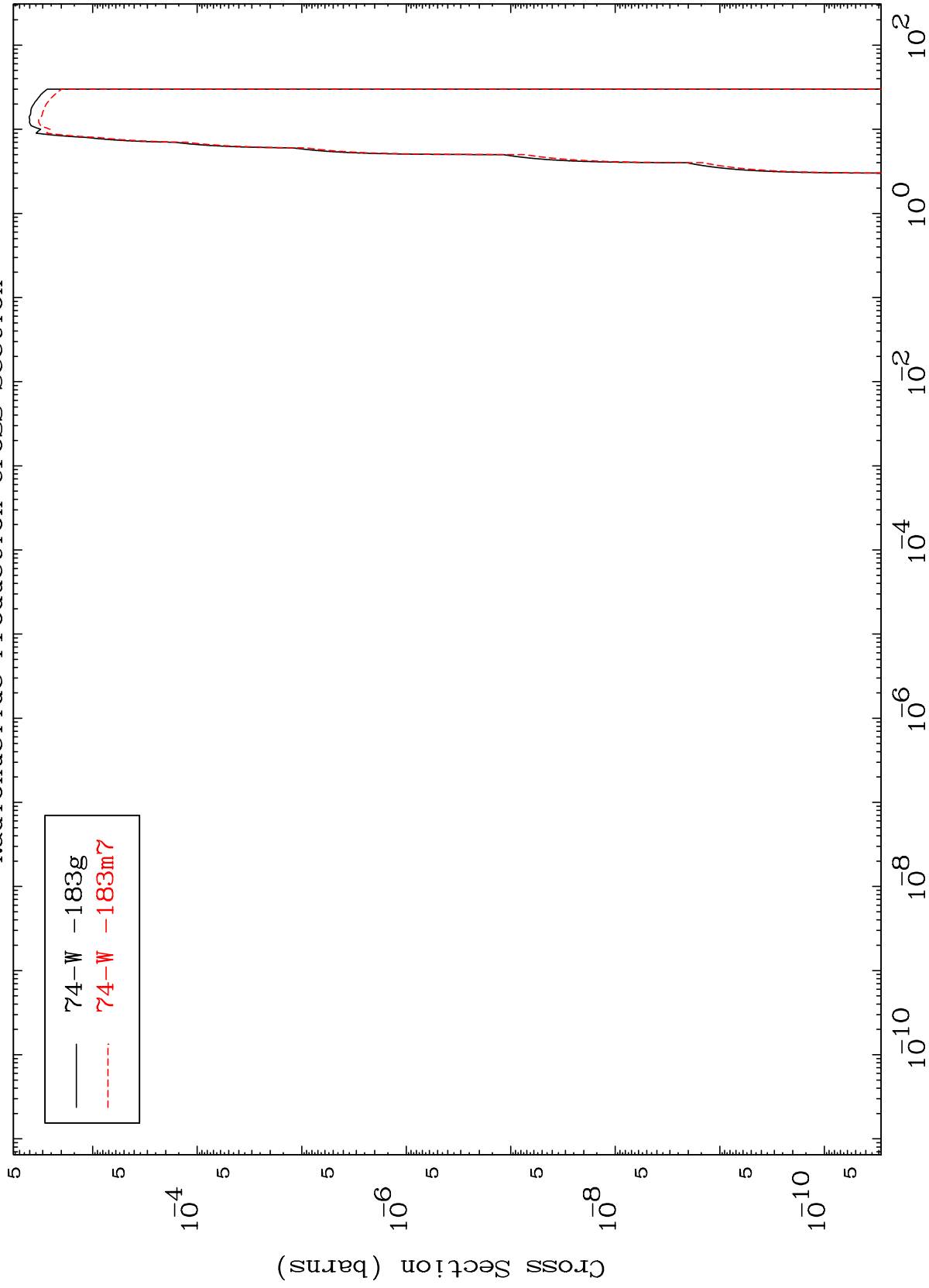
Incident Energy (MeV)

73-Ta-181

MAT 7328

Triton Inelastic  
Radionuclide Production Cross Section

<sup>73</sup>Ta-181



12

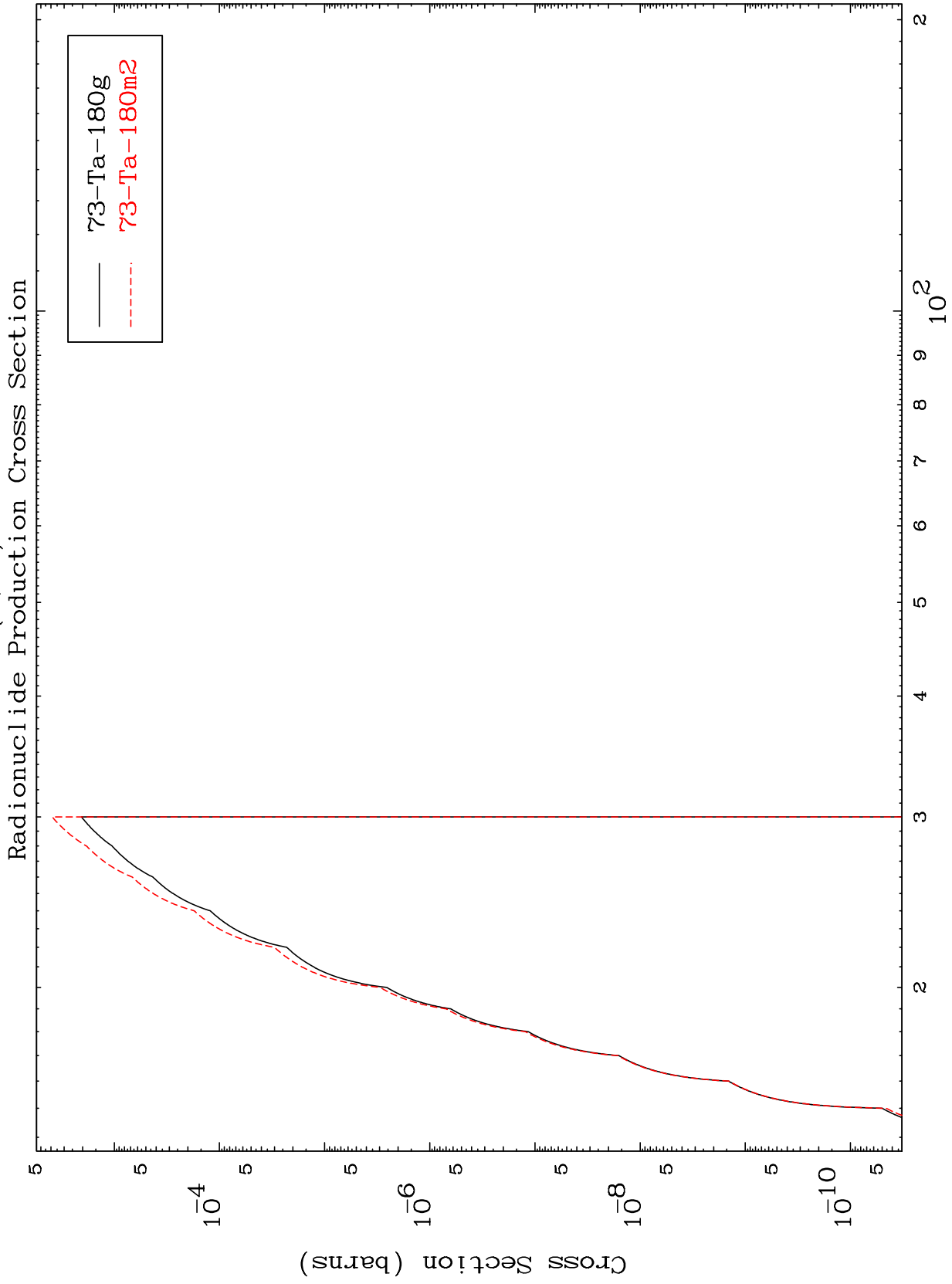
Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

(t,2n) d

<sup>73</sup>Ta-181



13

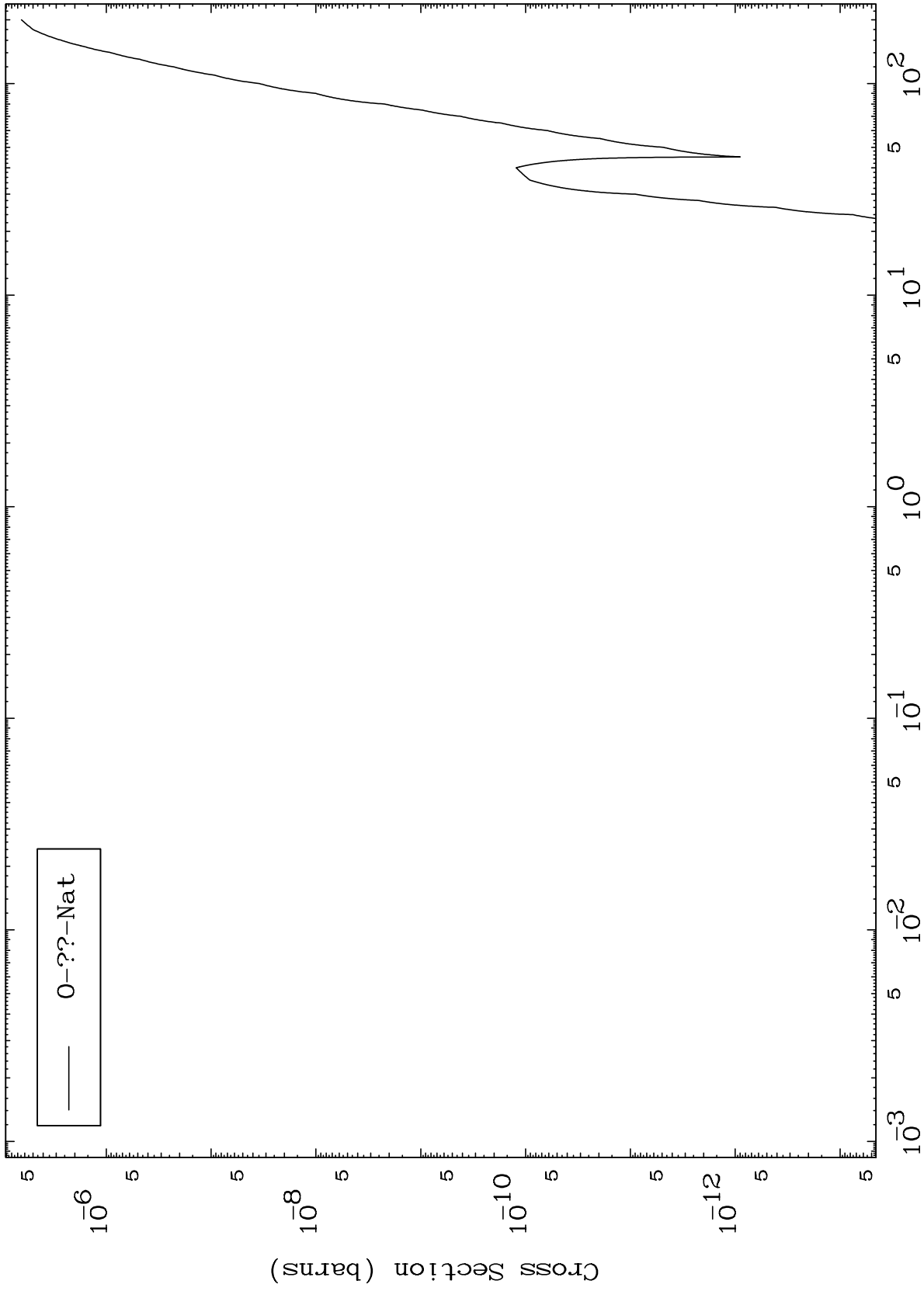
Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

Triton Fission  
Radionuclide Production Cross Section

<sup>73</sup>Ta-181



14

Incident Energy (MeV)

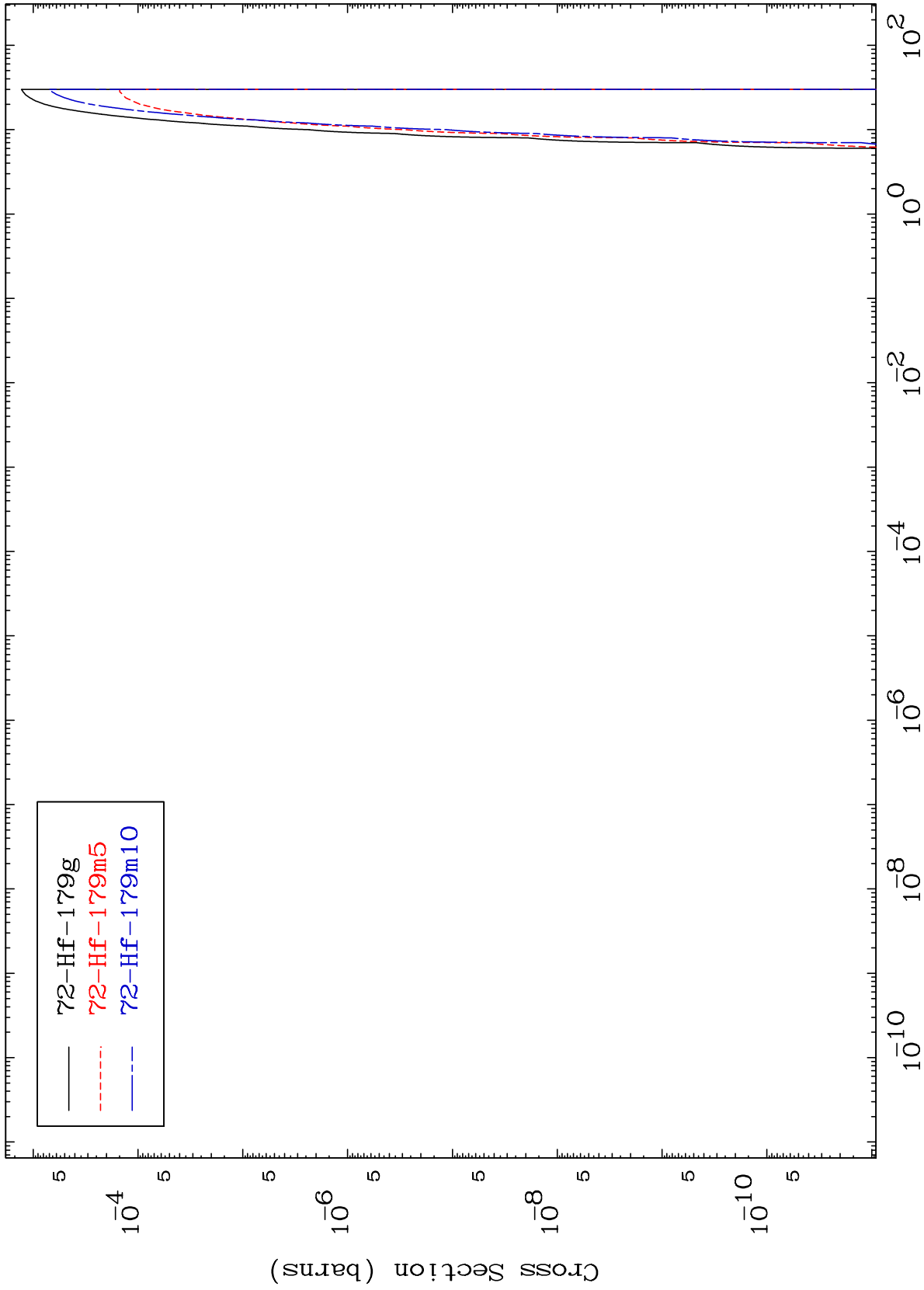
<sup>73</sup>Ta-181

MAT 7328

(t,n')  $\alpha$

73-Ta-181

Radionuclide Production Cross Section



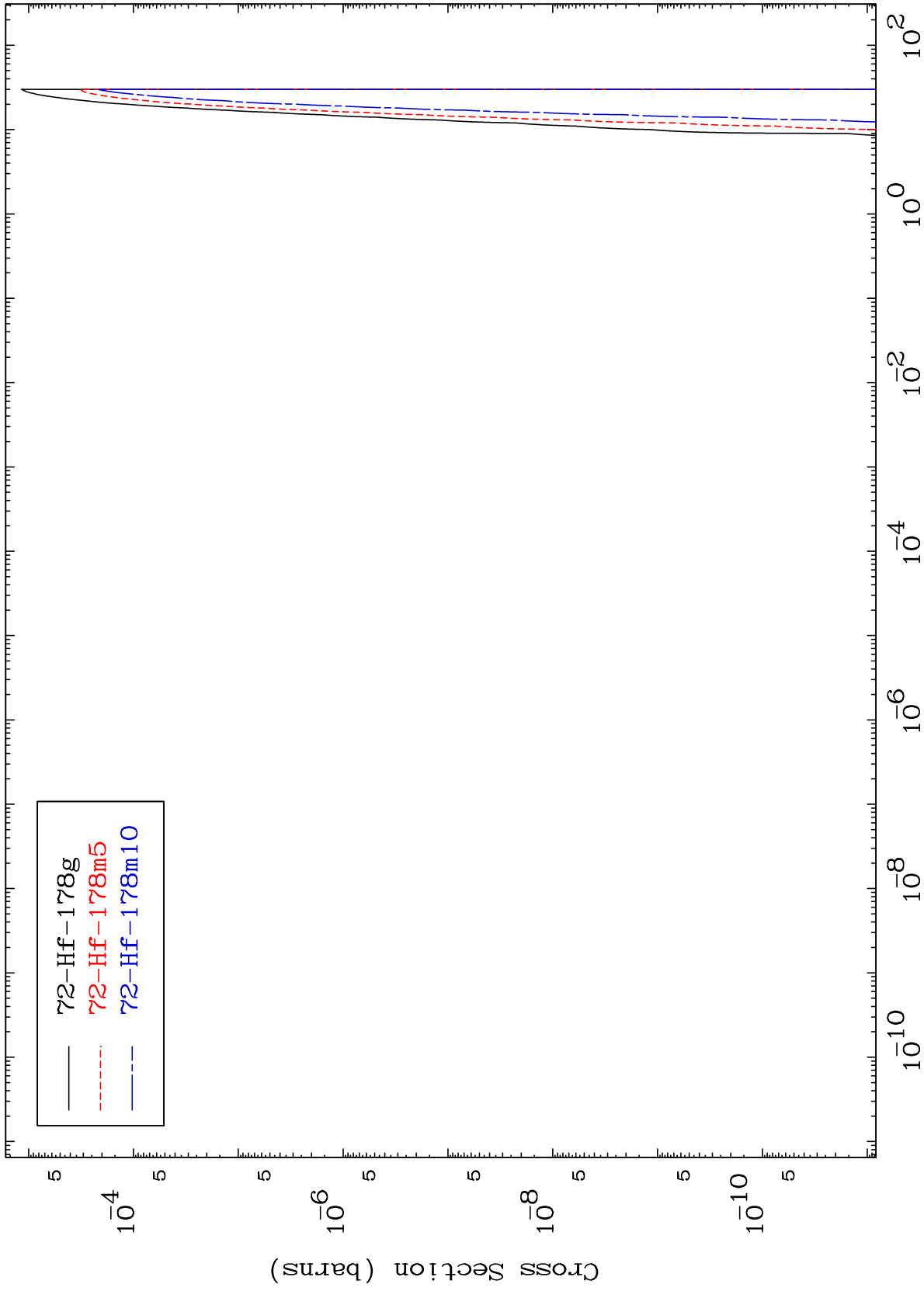


MAT 7328

(t,2n)  $\alpha$

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



16

Incident Energy (MeV)

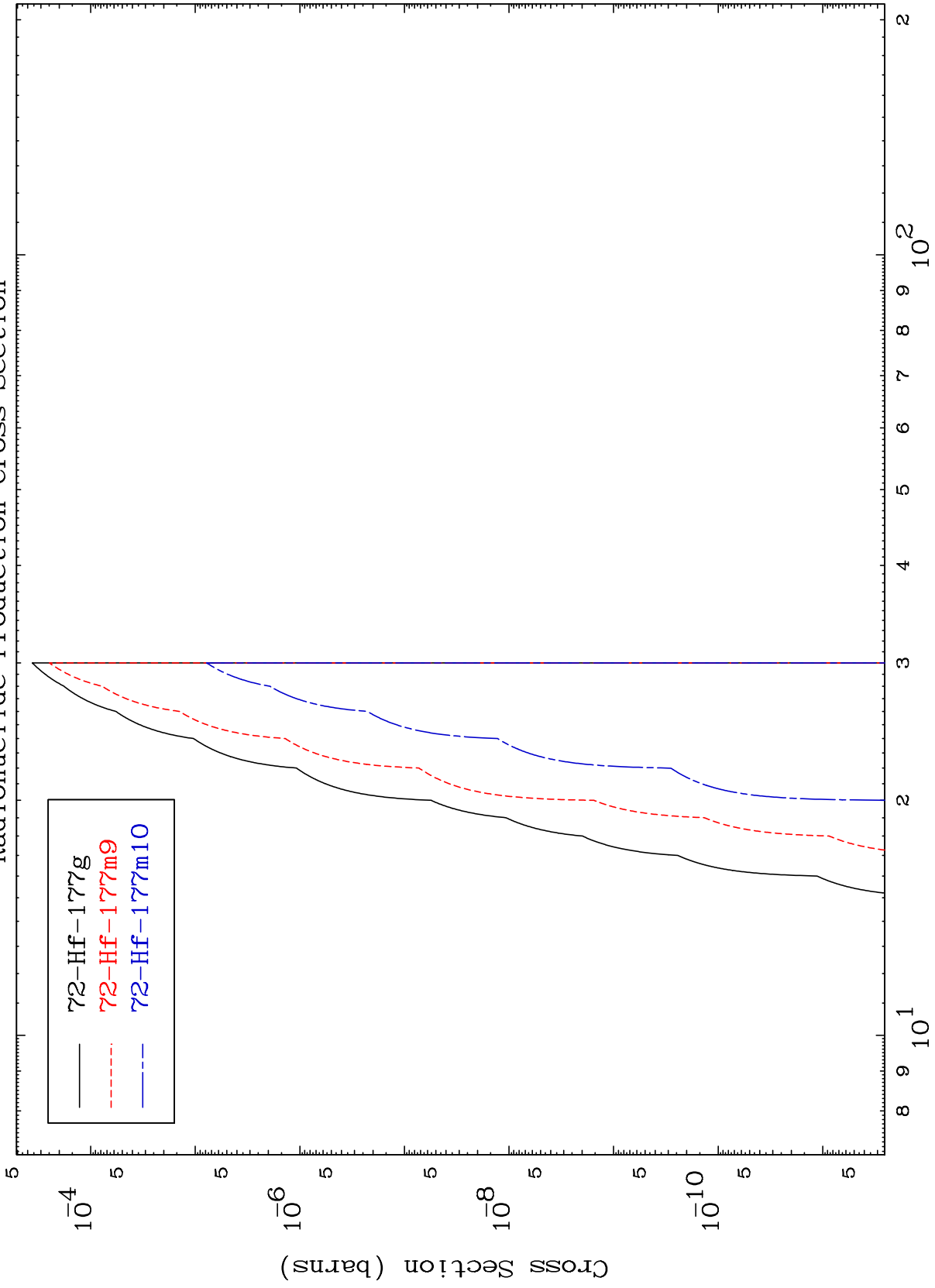
<sup>73</sup>Ta-181

MAT 7328

(t,3n)  $\alpha$

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



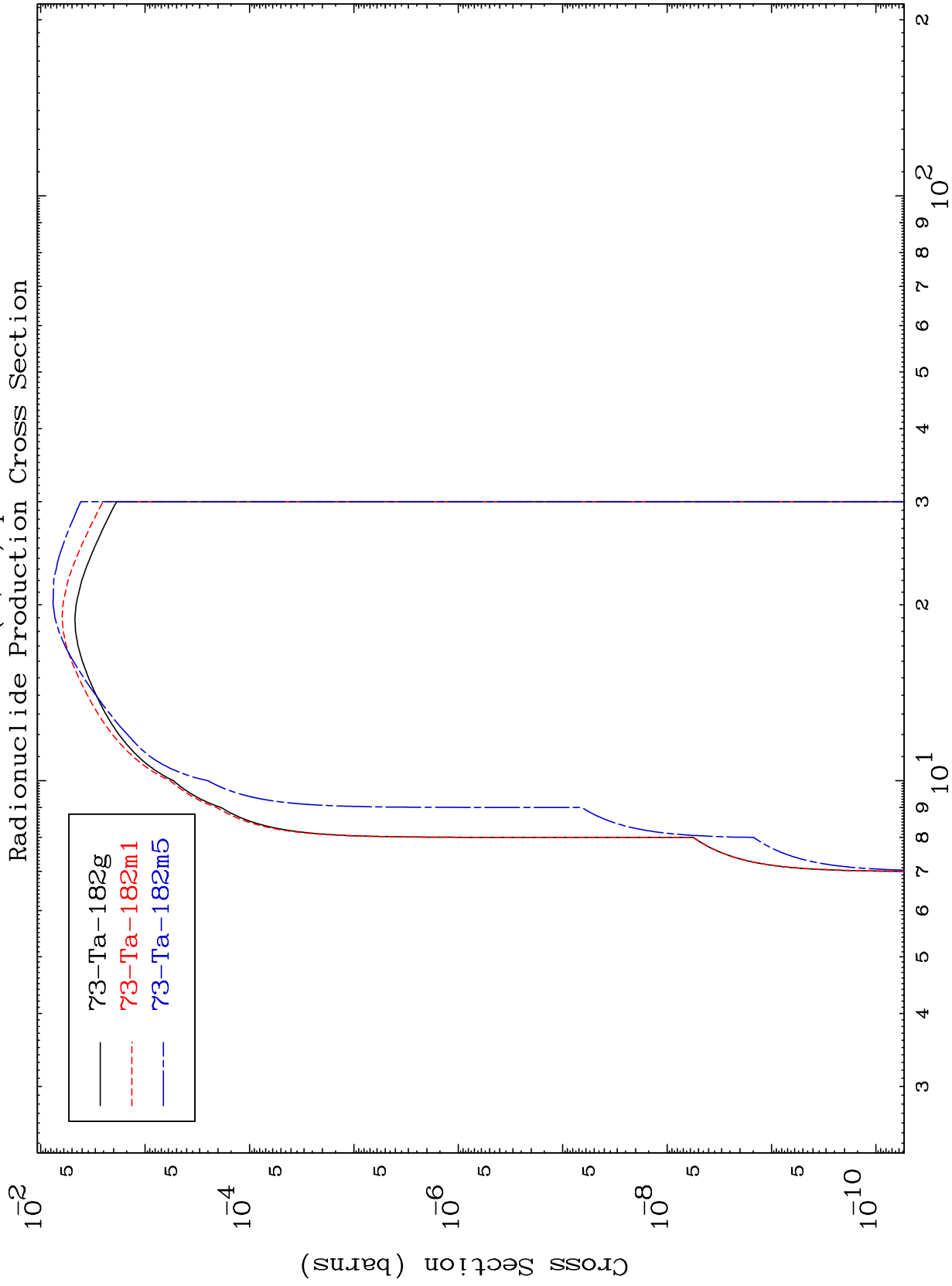
17

Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

<sup>73</sup>Ta-181



Legend:

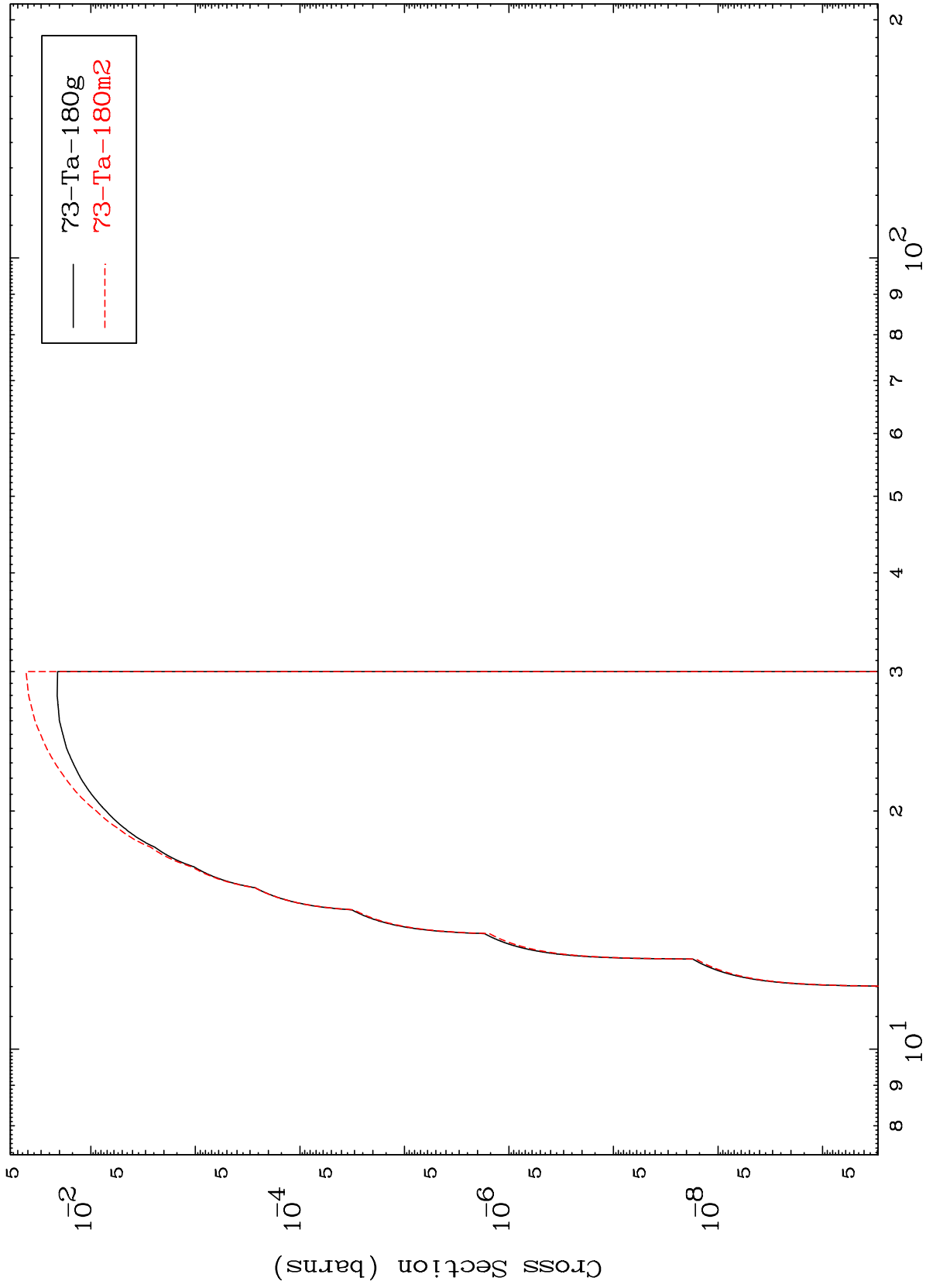
- 73-Ta-182g (solid black line)
- 73-Ta-182m1 (dashed red line)
- 73-Ta-182m5 (dash-dot blue line)

MAT 7328

(t,n') t

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



19

Incident Energy (MeV)

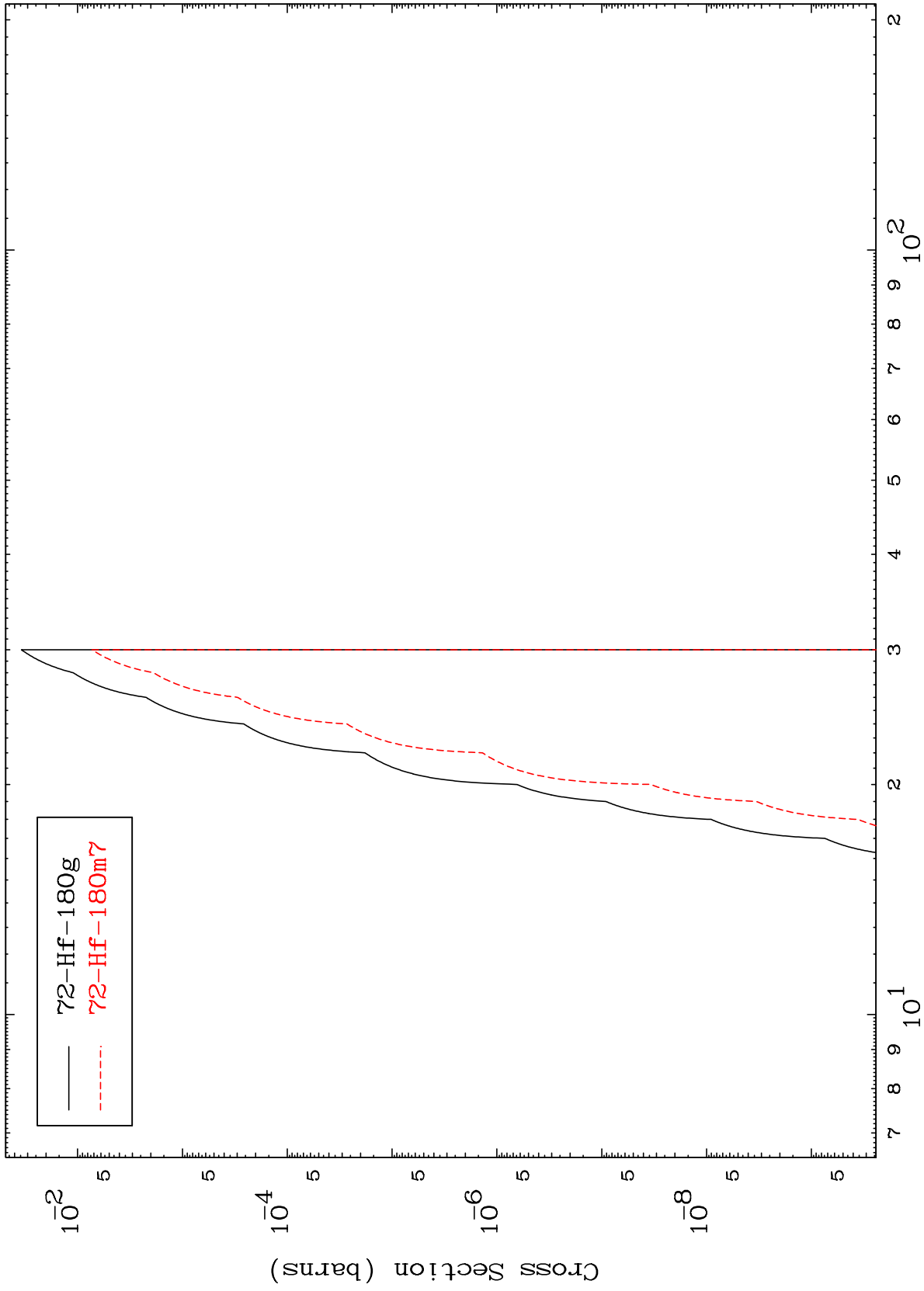
<sup>73</sup>Ta-181

MAT 7328

(t, n') He-3

73-Ta-181

Radionuclide Production Cross Section



20

Incident Energy (MeV)

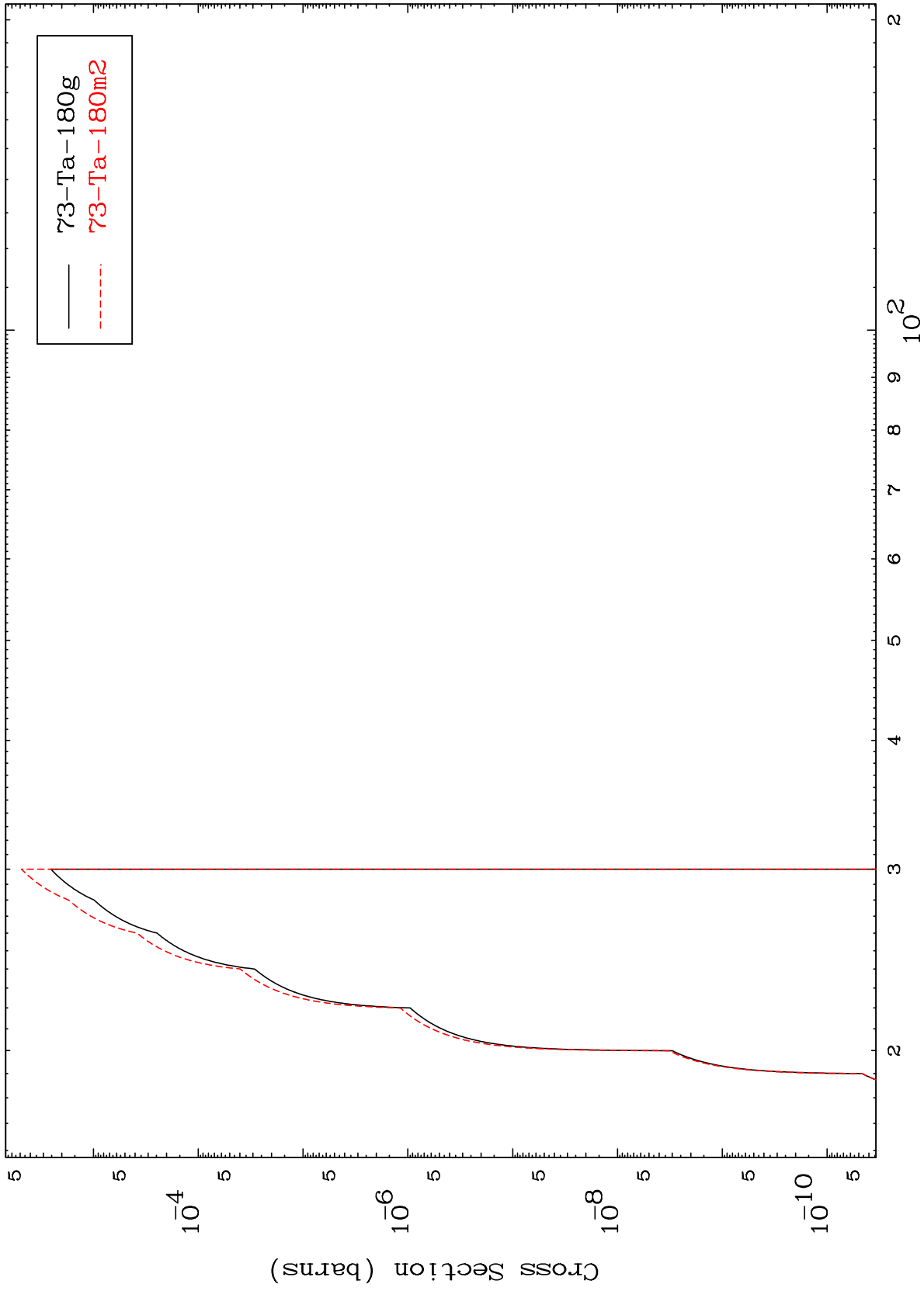
73-Ta-181

MAT 7328

(t,3n) p

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



21

Incident Energy (MeV)

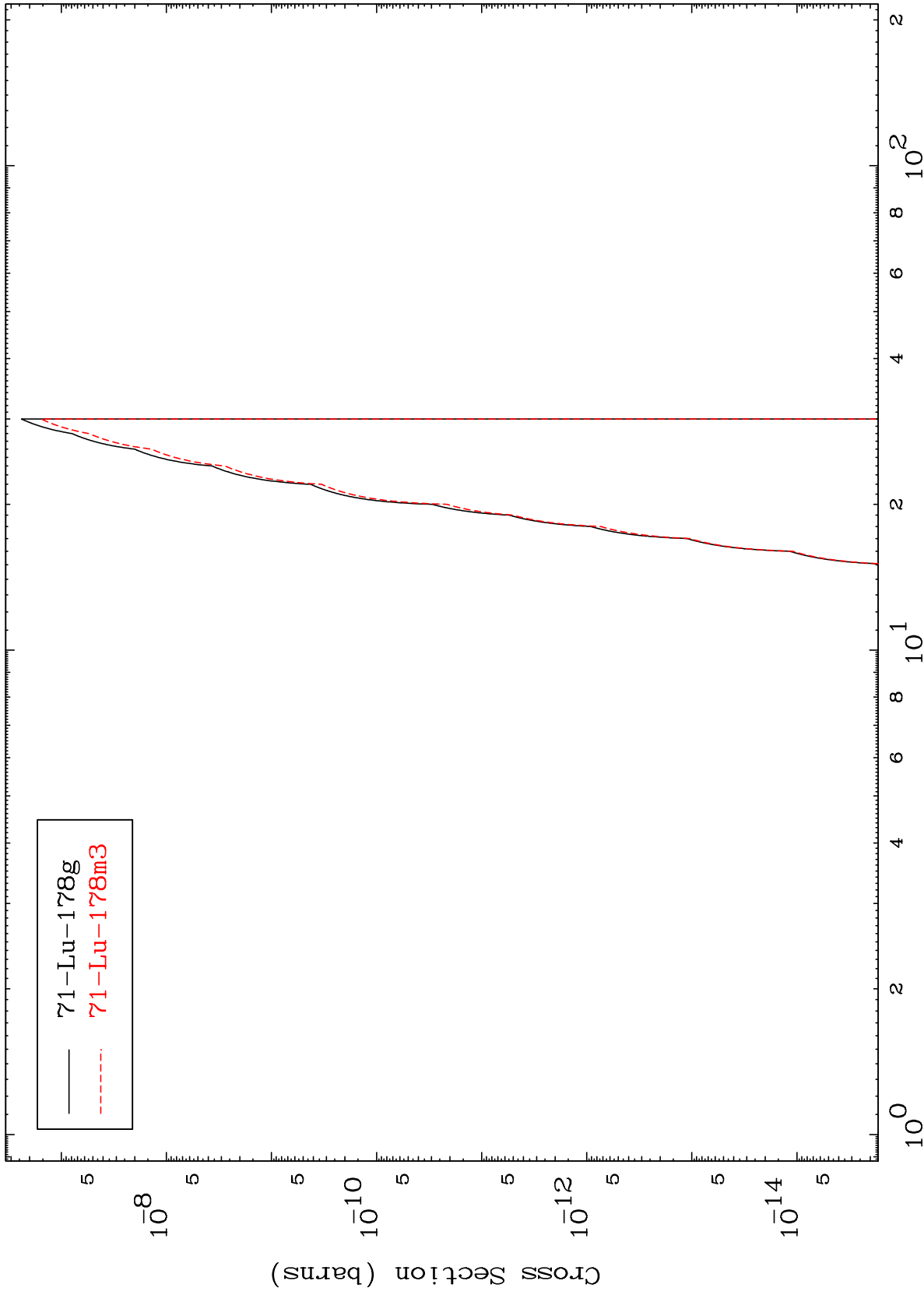
<sup>73</sup>Ta-181

MAT 7328

(t,n') p  $\alpha$

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



22

Incident Energy (MeV)

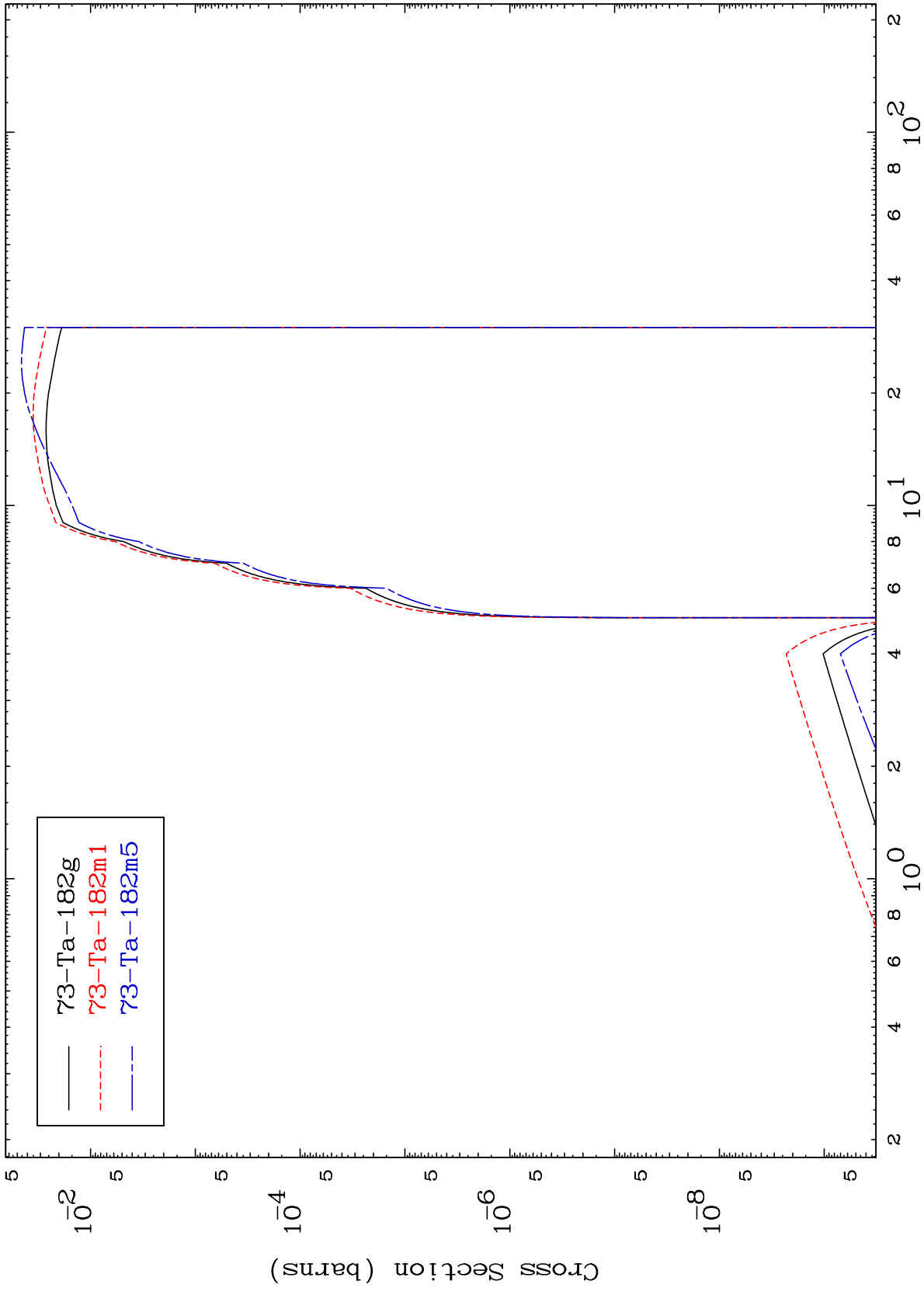
<sup>73</sup>Ta-181

MAT 7328

(t,d)

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



23

Incident Energy (MeV)

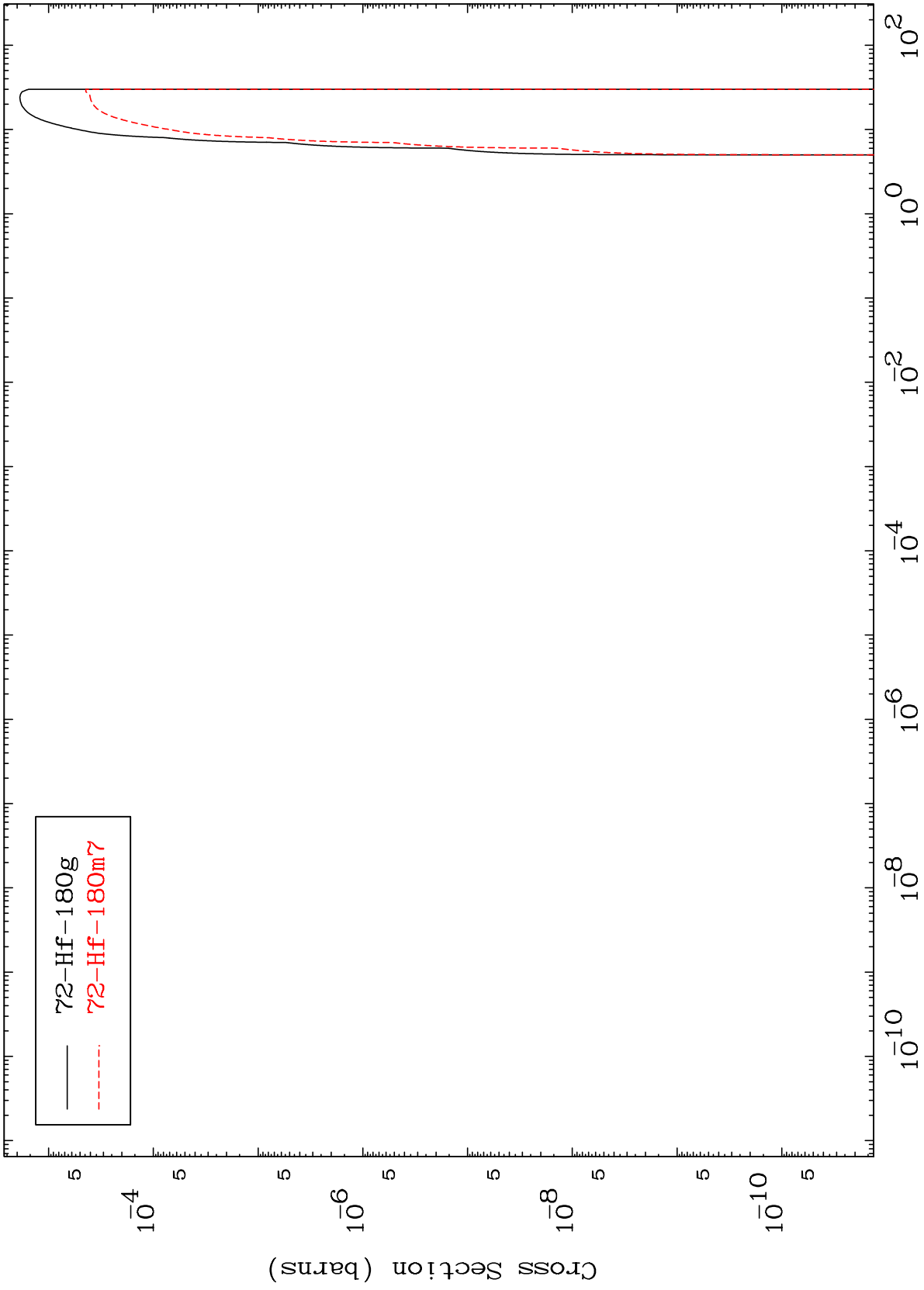
<sup>73</sup>Ta-181



MAT 7328

(t,  $\alpha$ )  
Radionuclide Production Cross Section

$^{73}\text{Ta-181}$

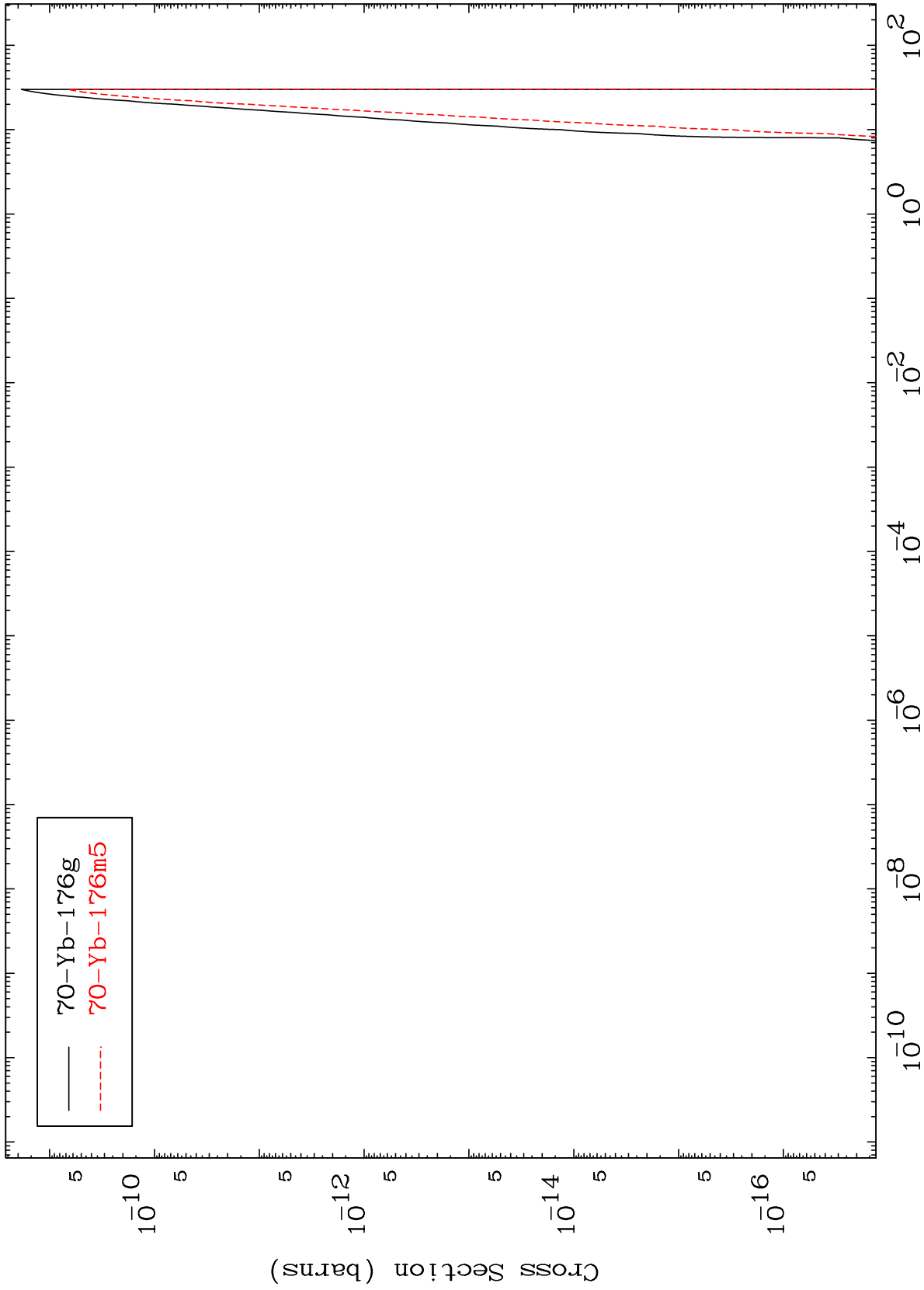


MAT 7328

(t,2α)

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



25

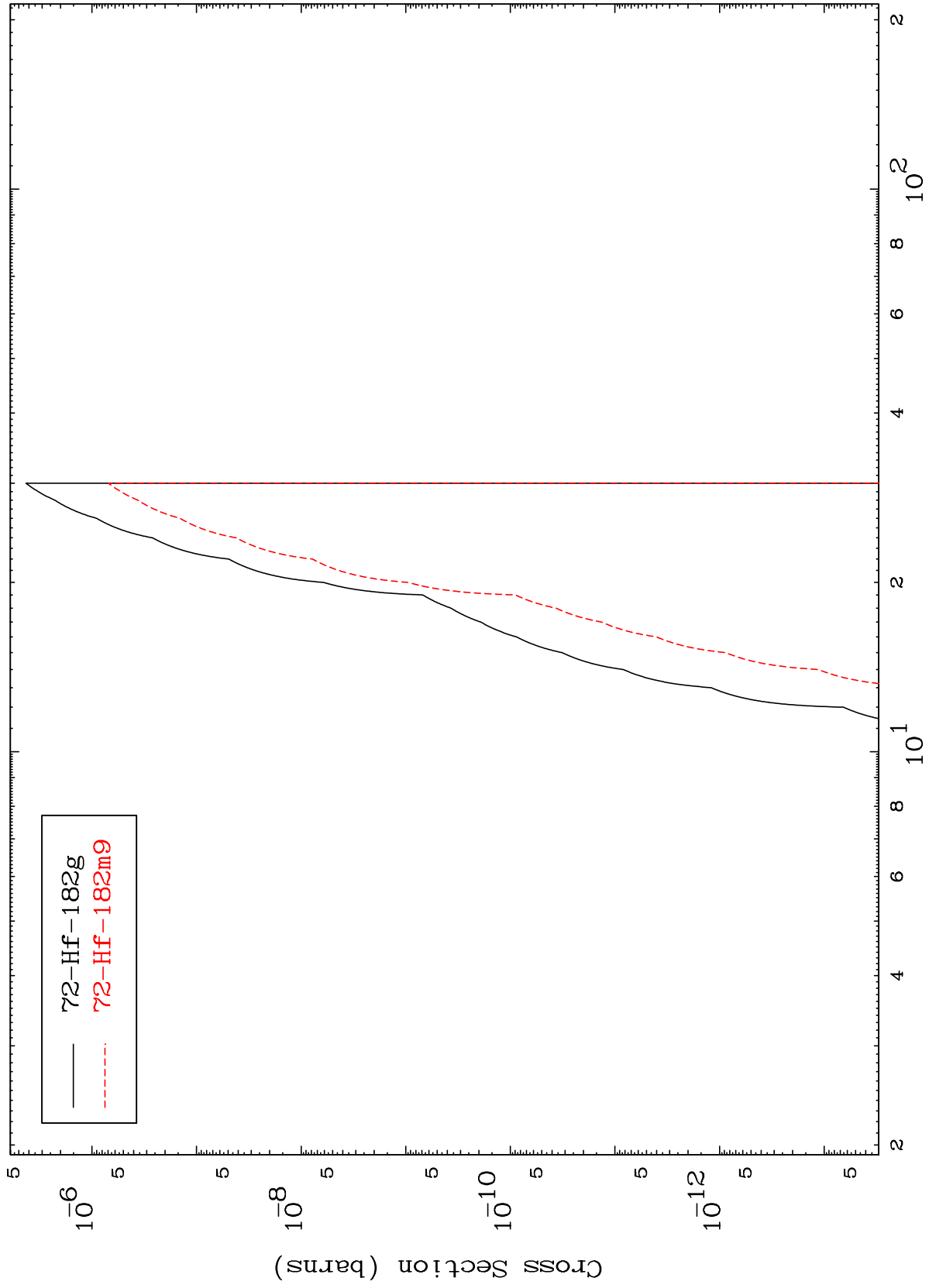
Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

Radionuclide Production Cross Section  
(t,2p)

<sup>73</sup>Ta-181



26

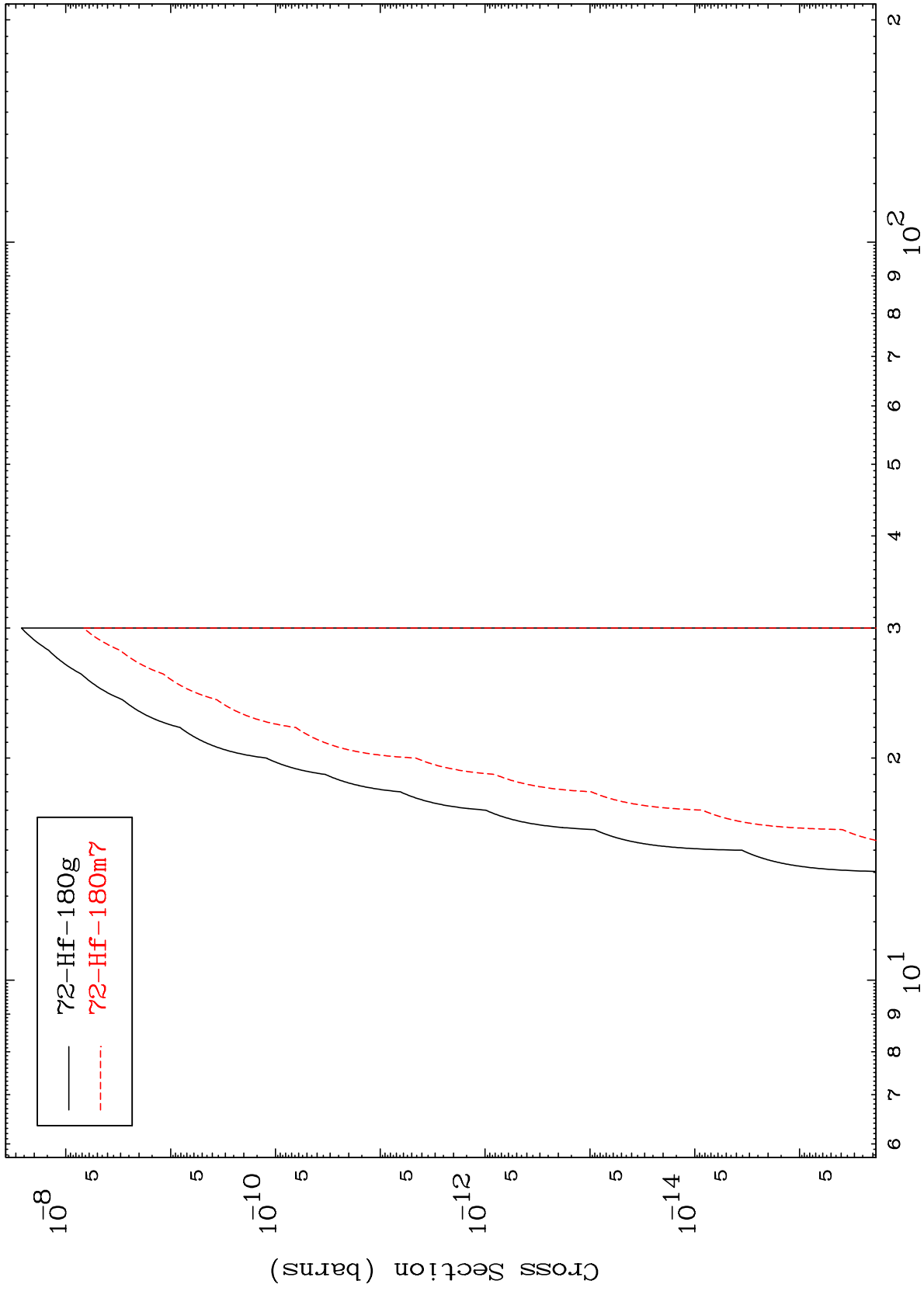
Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

<sup>73</sup>Ta-181

(t,p) t  
Radionuclide Production Cross Section



27

Incident Energy (MeV)

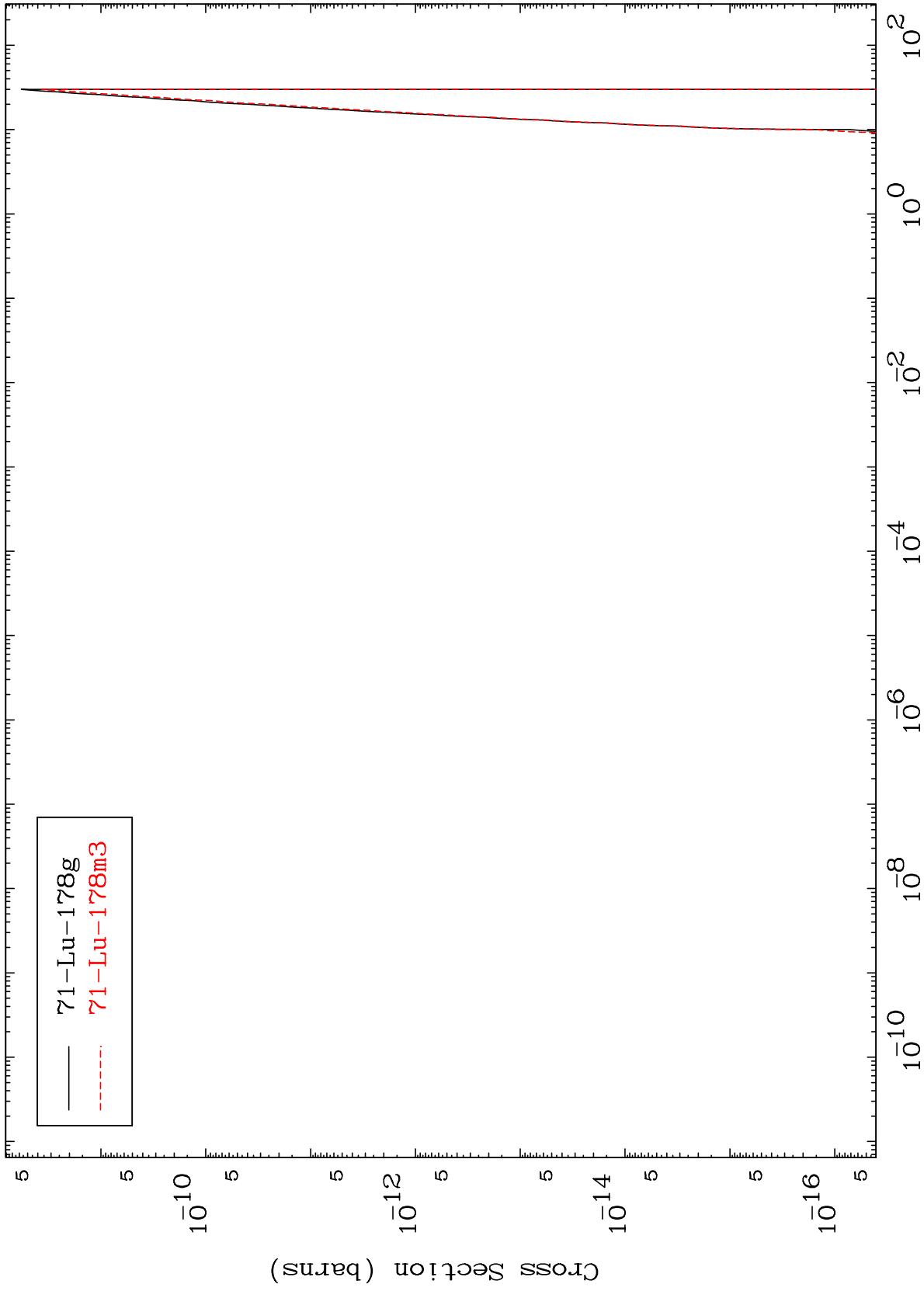
<sup>73</sup>Ta-181

MAT 7328

(t,d)  $\alpha$

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



28

Incident Energy (MeV)

<sup>73</sup>Ta-181