

Program EVALPLOT
(Version 2021-1)

by

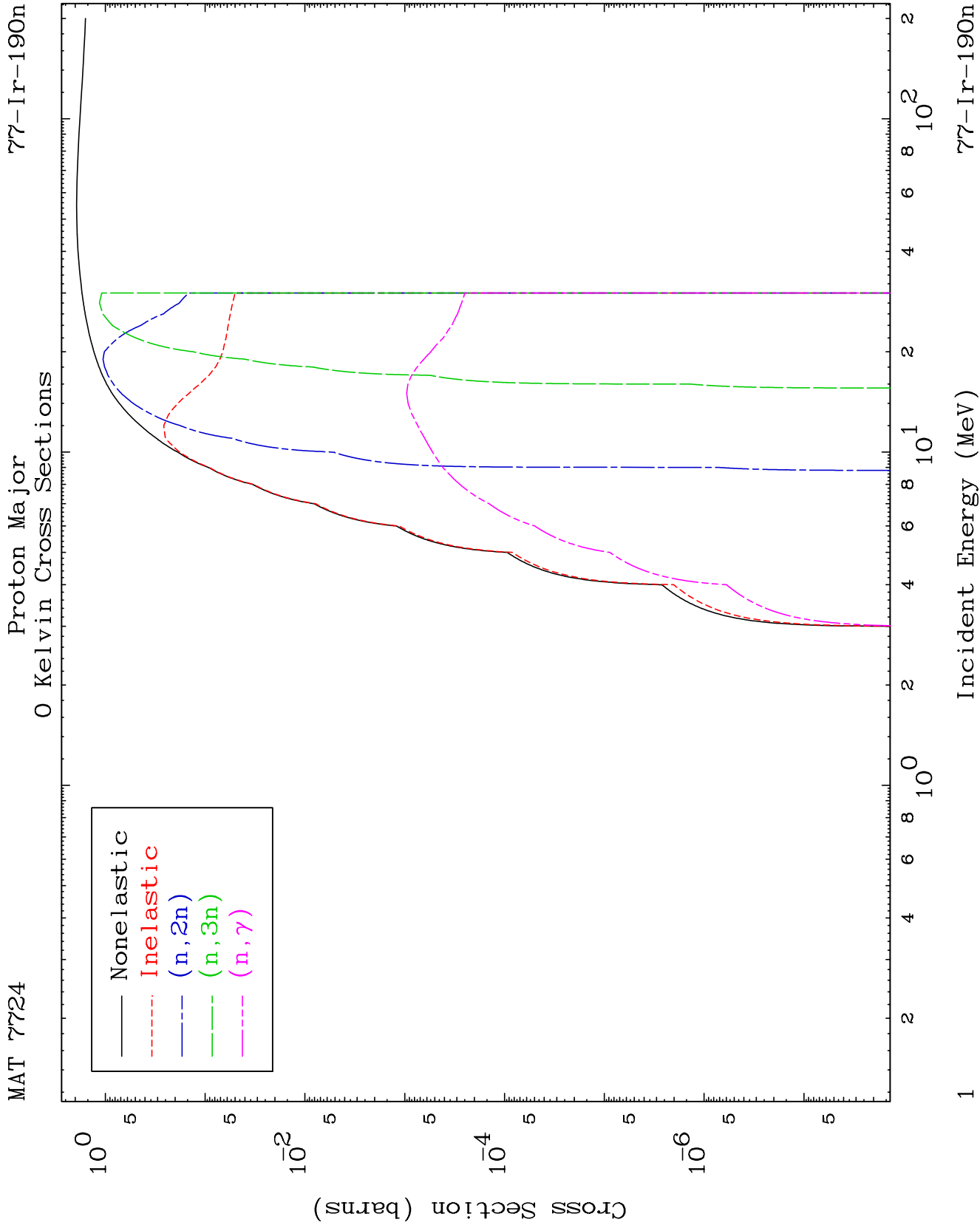
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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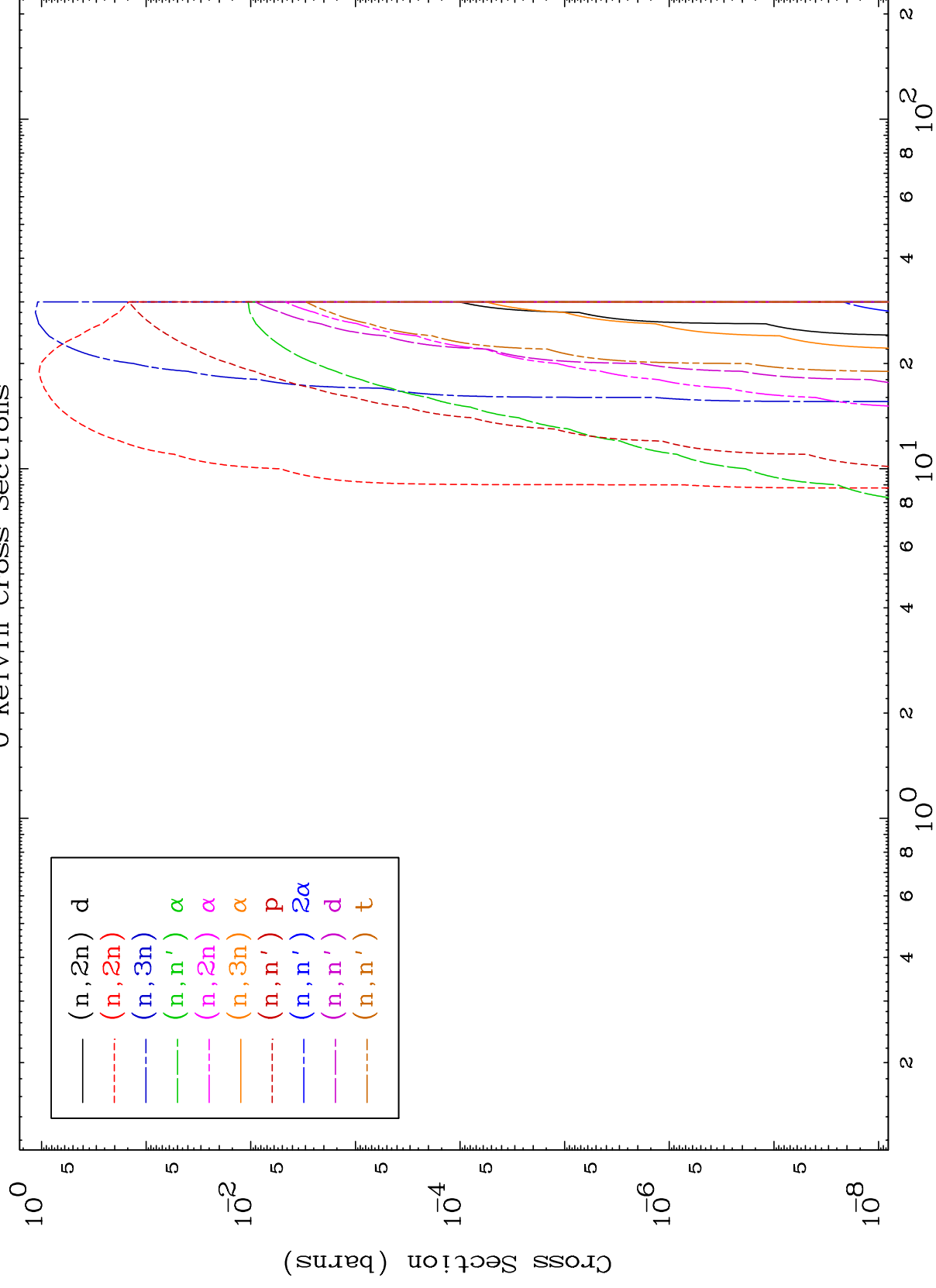
Press Mouse Button to Start



MAT 7724

Proton Neutron Absorption 0 Kelvin Cross Sections

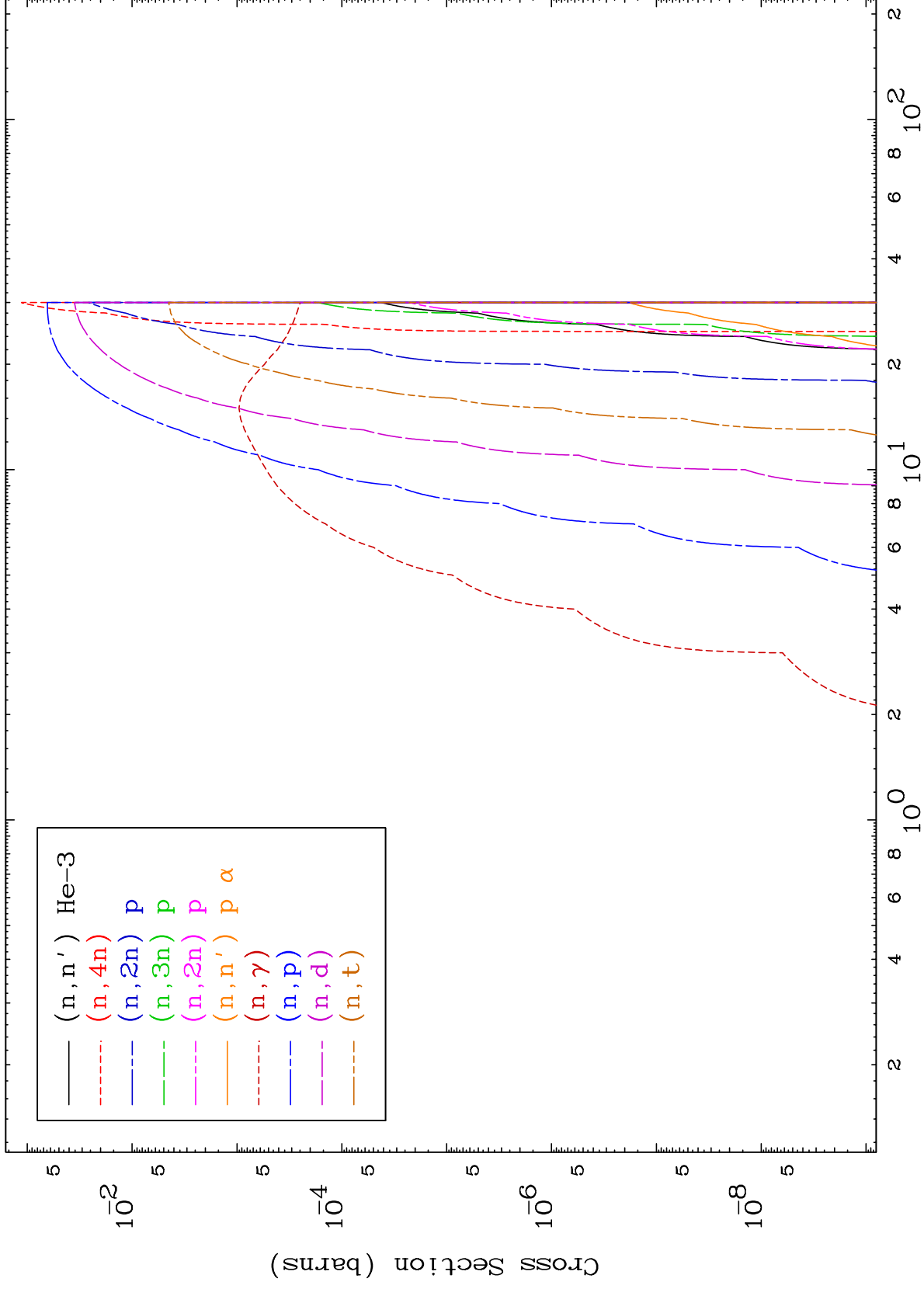
77-Ir-190n

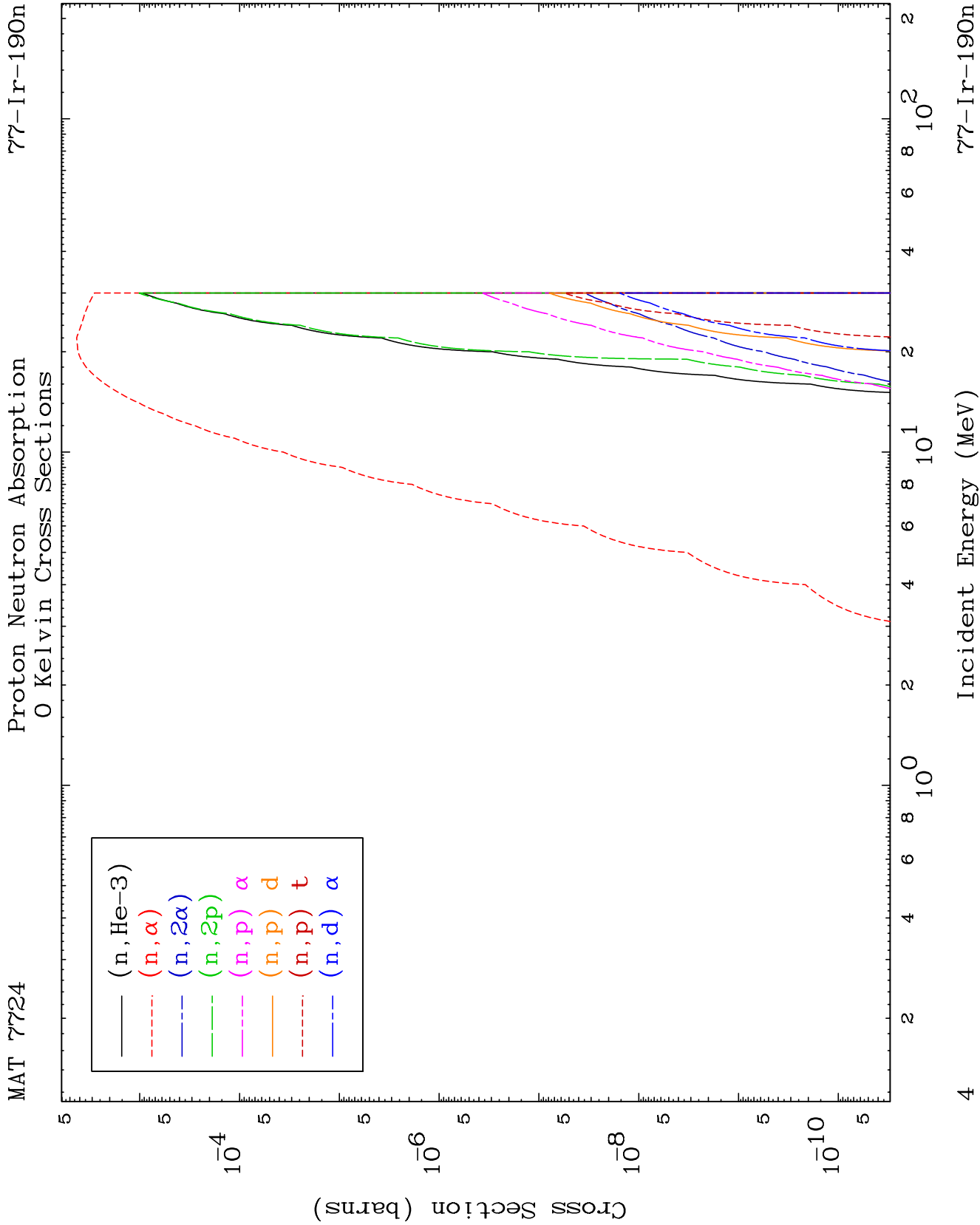


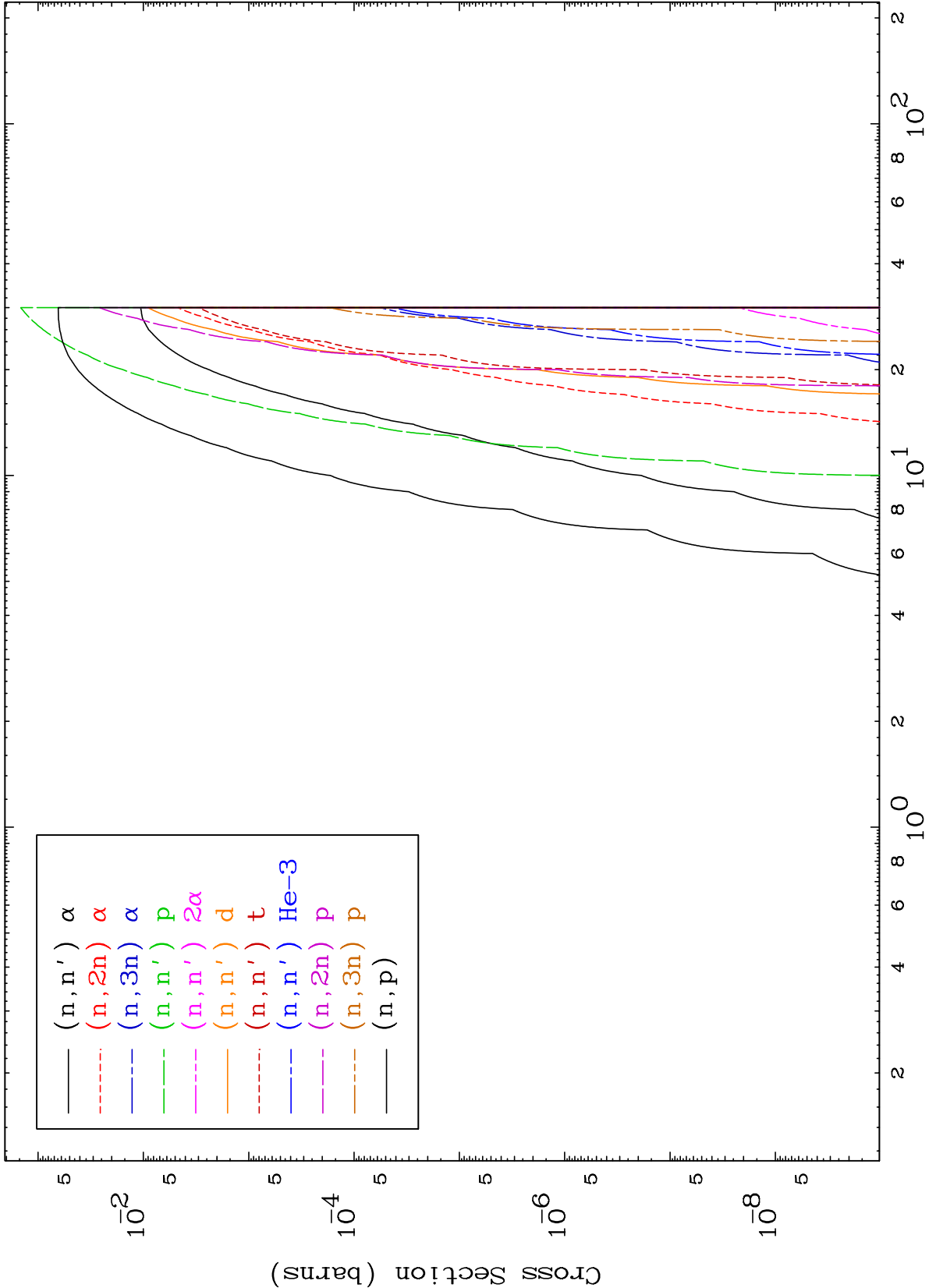
2

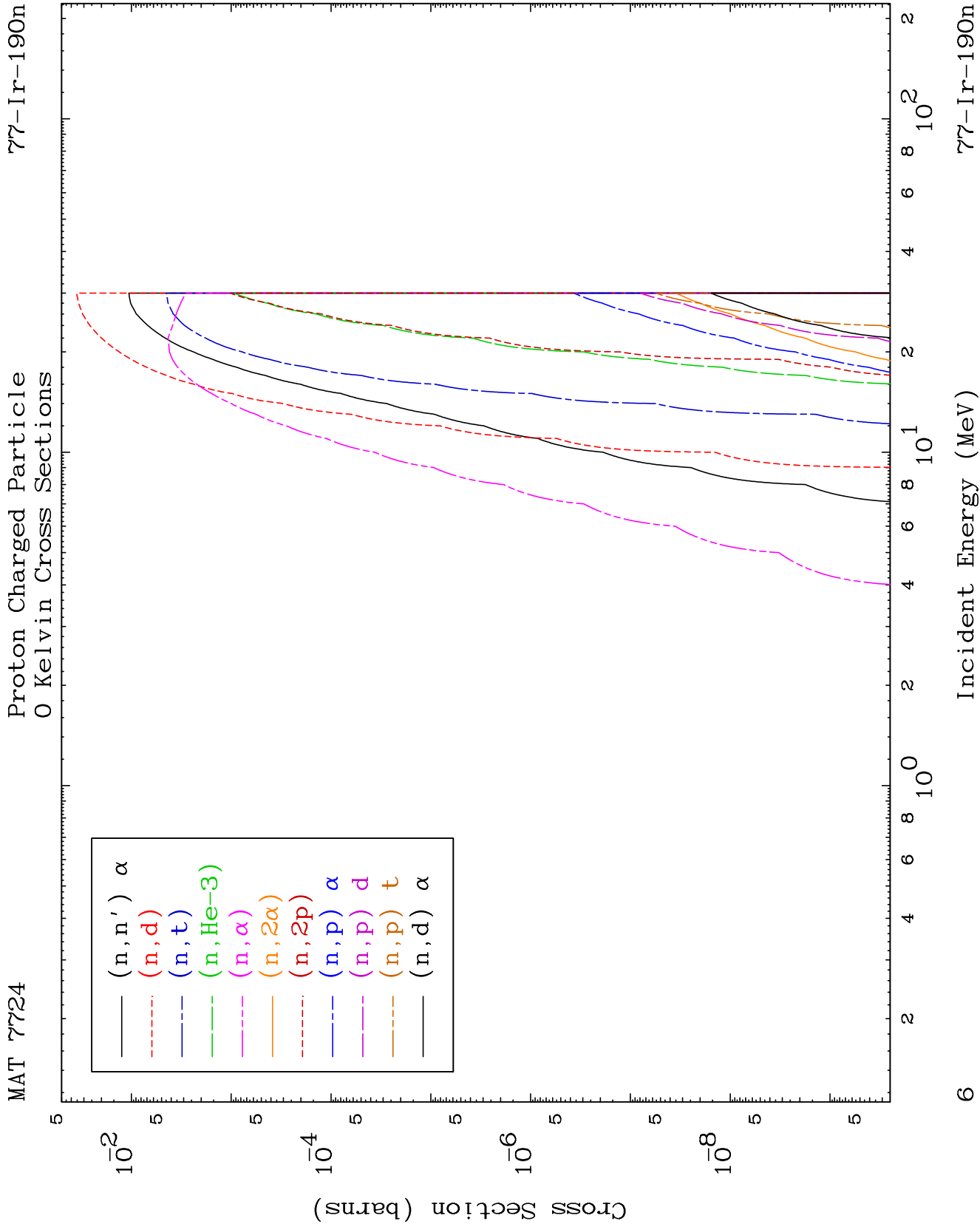
Incident Energy (MeV)

77-Ir-190n







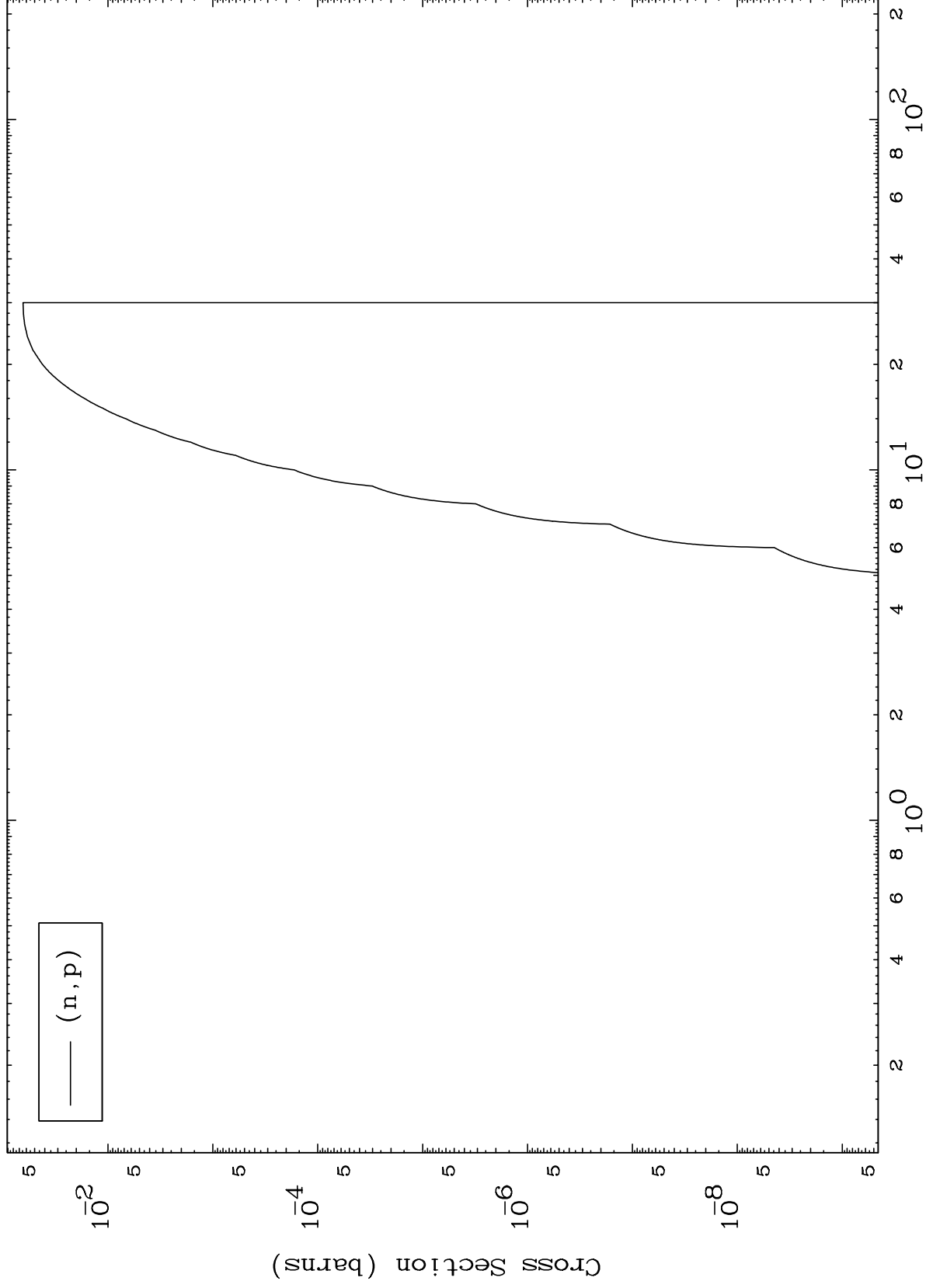


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(p,p) Levels

0 Kelvin Cross Sections

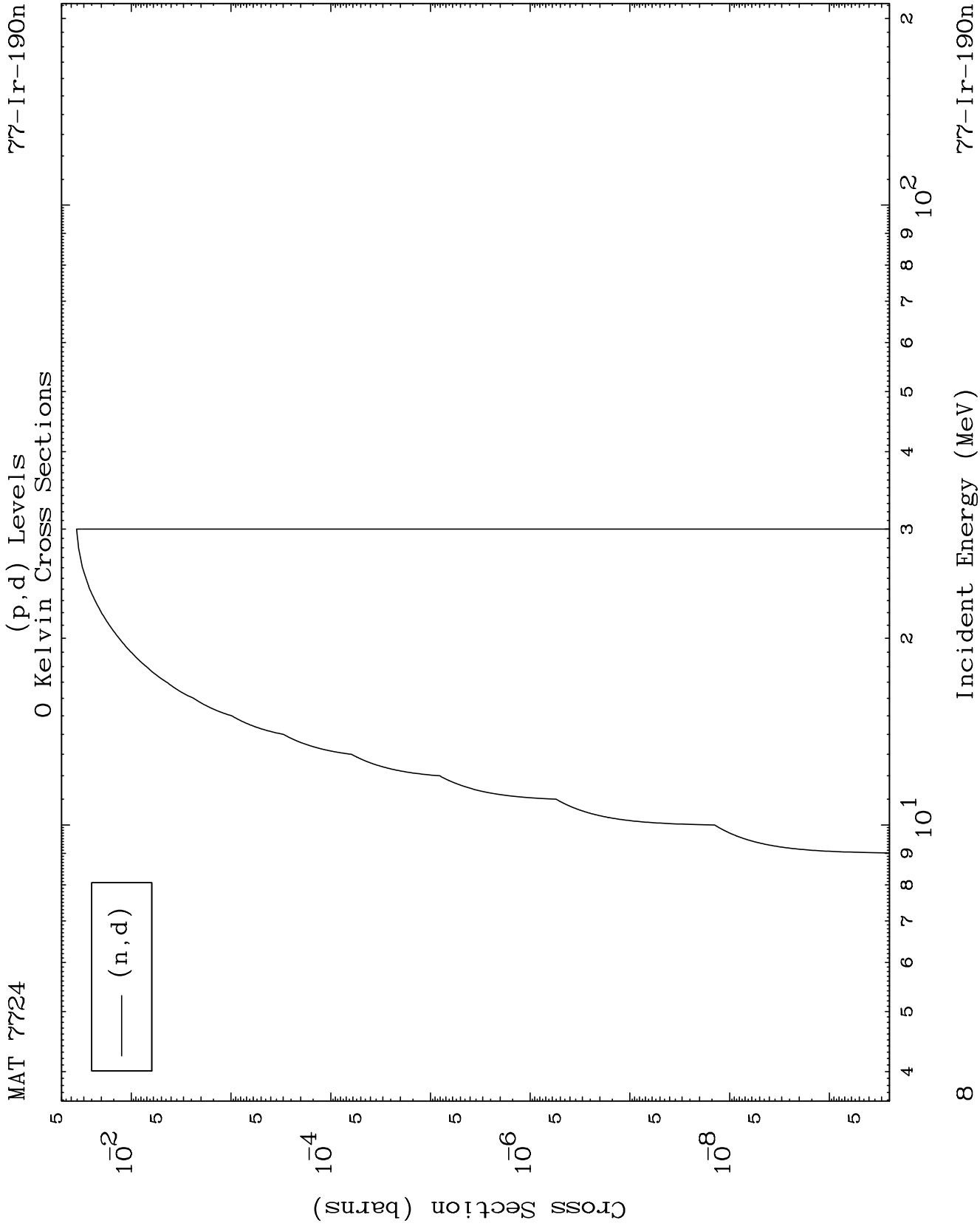
77-Ir-190n



7

Incident Energy (MeV)

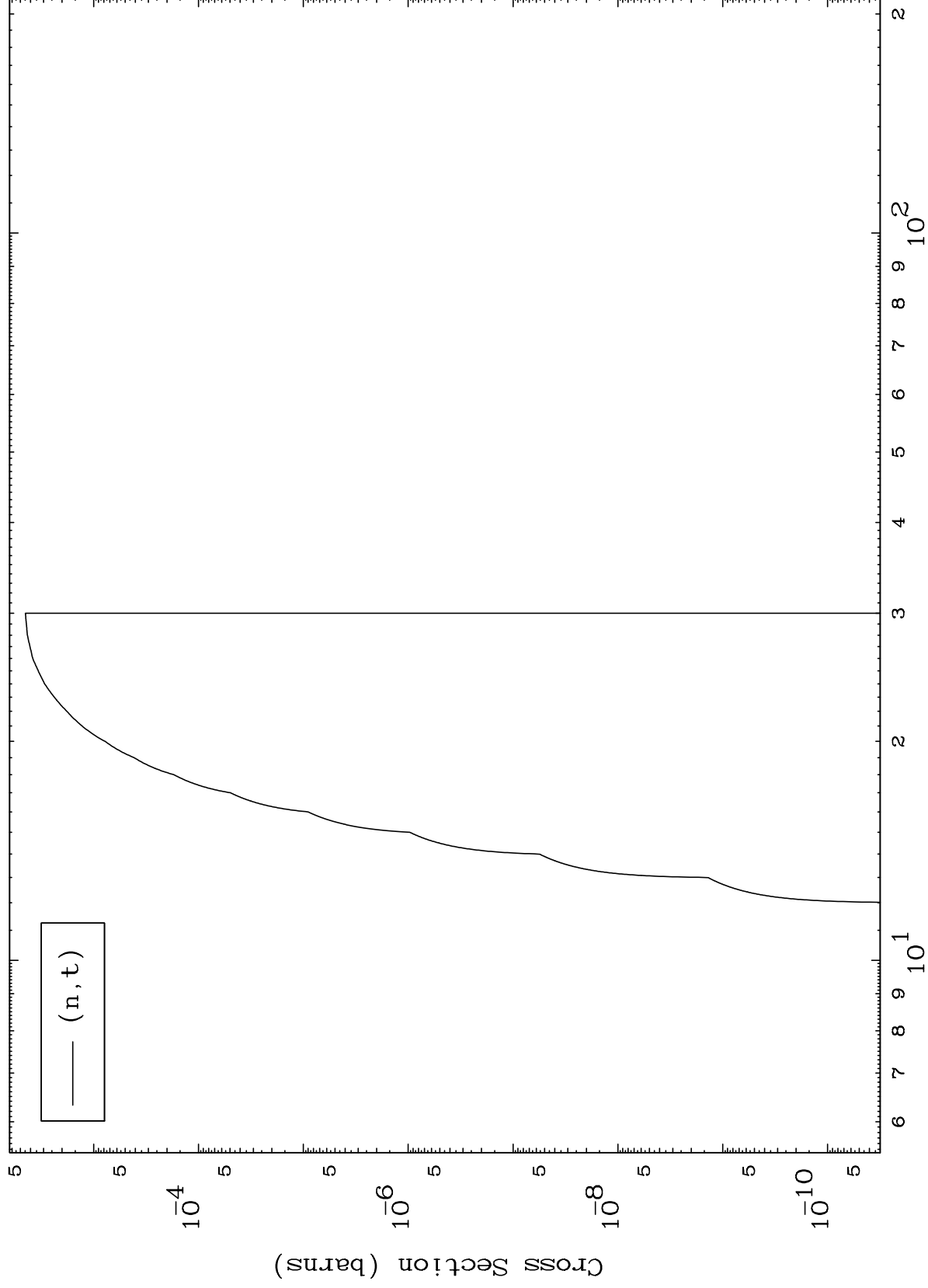
77-Ir-190n



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77-Ir-190n

(p,t) Levels
0 Kelvin Cross Sections



9

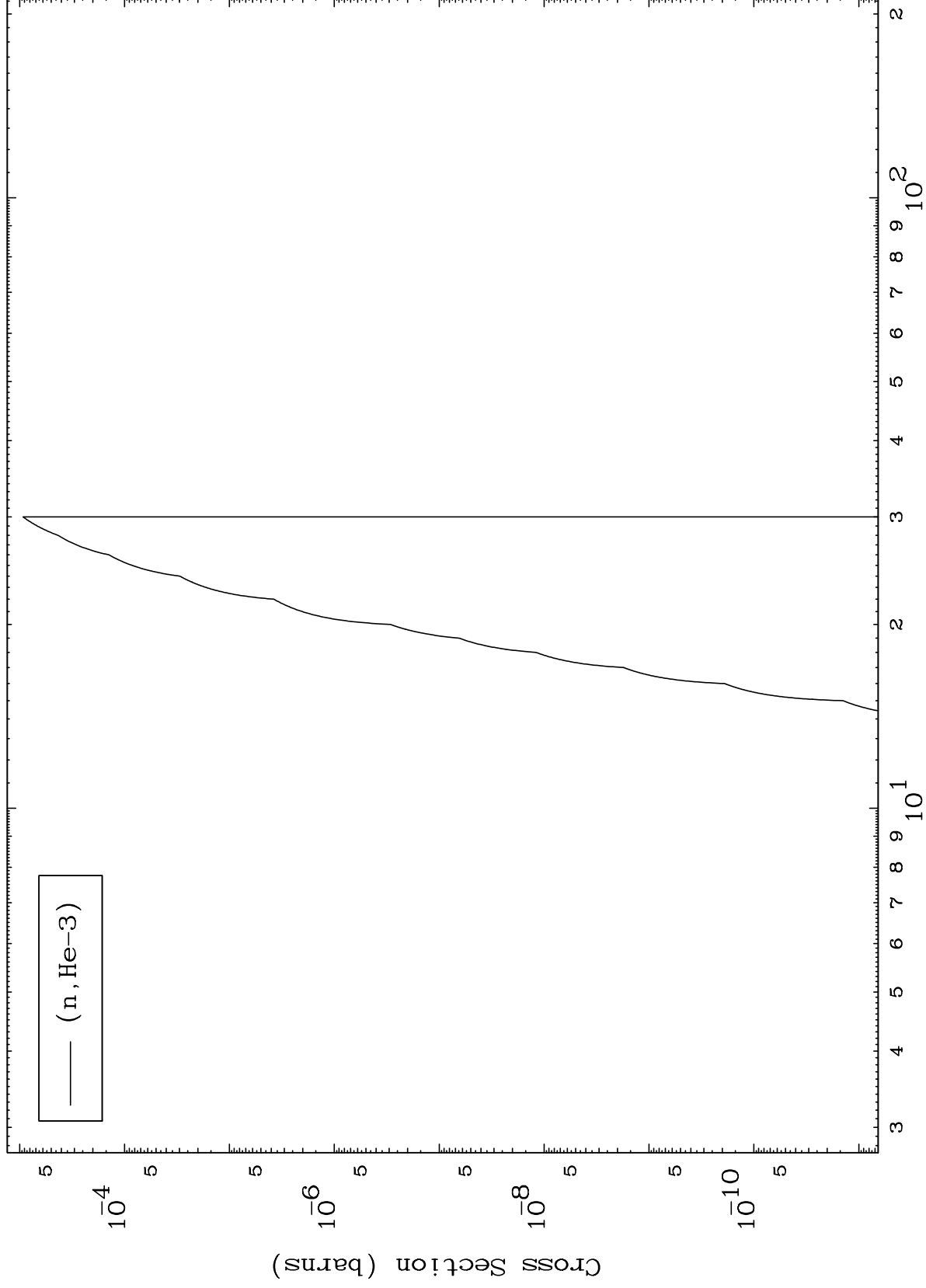
Incident Energy (MeV)

77-Ir-190n

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$^{77}\text{Ir-190n}$

(p,He3) Levels
0 Kelvin Cross Sections



$^{77}\text{Ir-190n}$

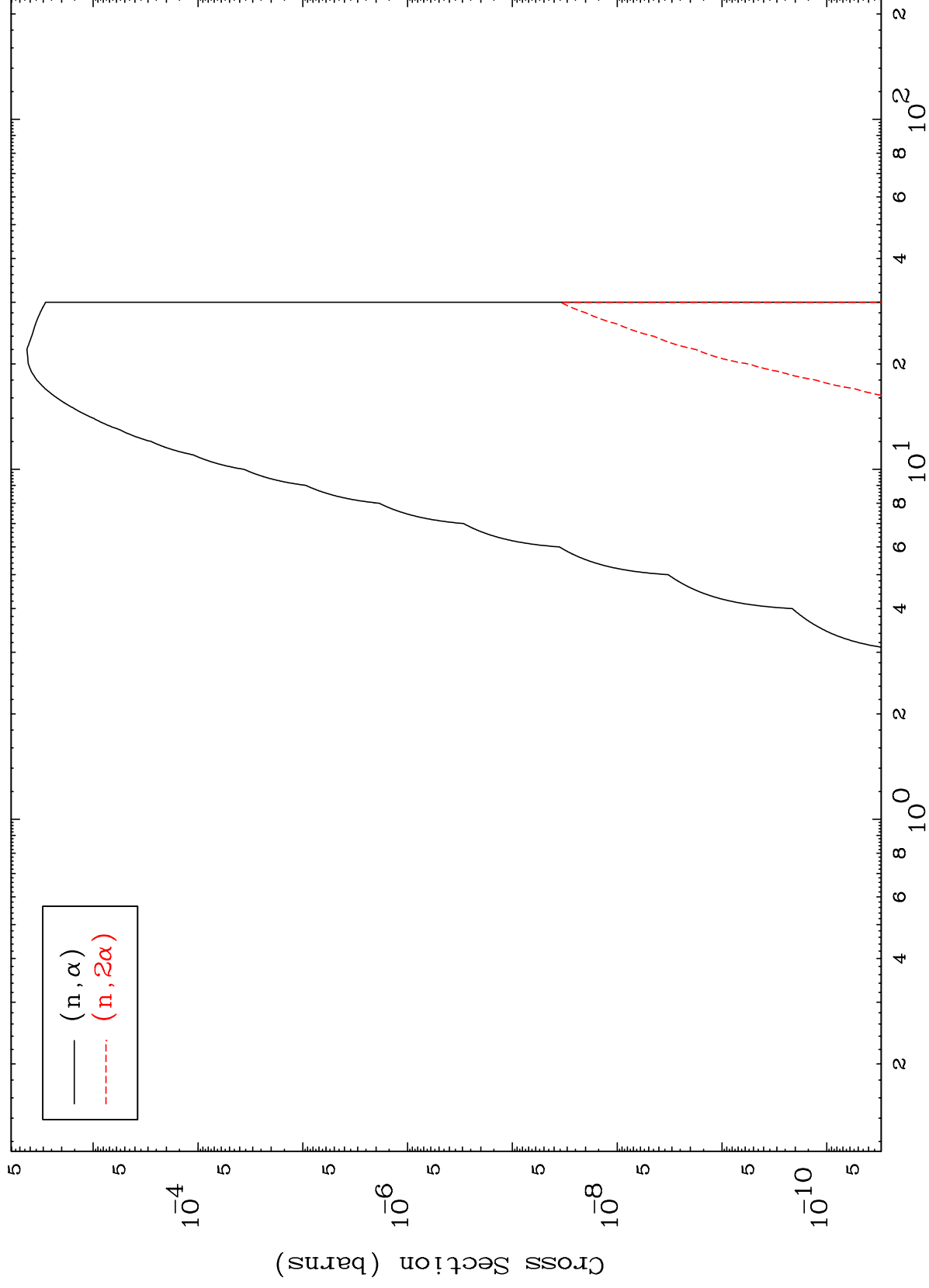
Incident Energy (MeV)

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(p, α) Levels

$^{77}\text{Ir-190n}$

0 Kelvin Cross Sections



11

Incident Energy (MeV)

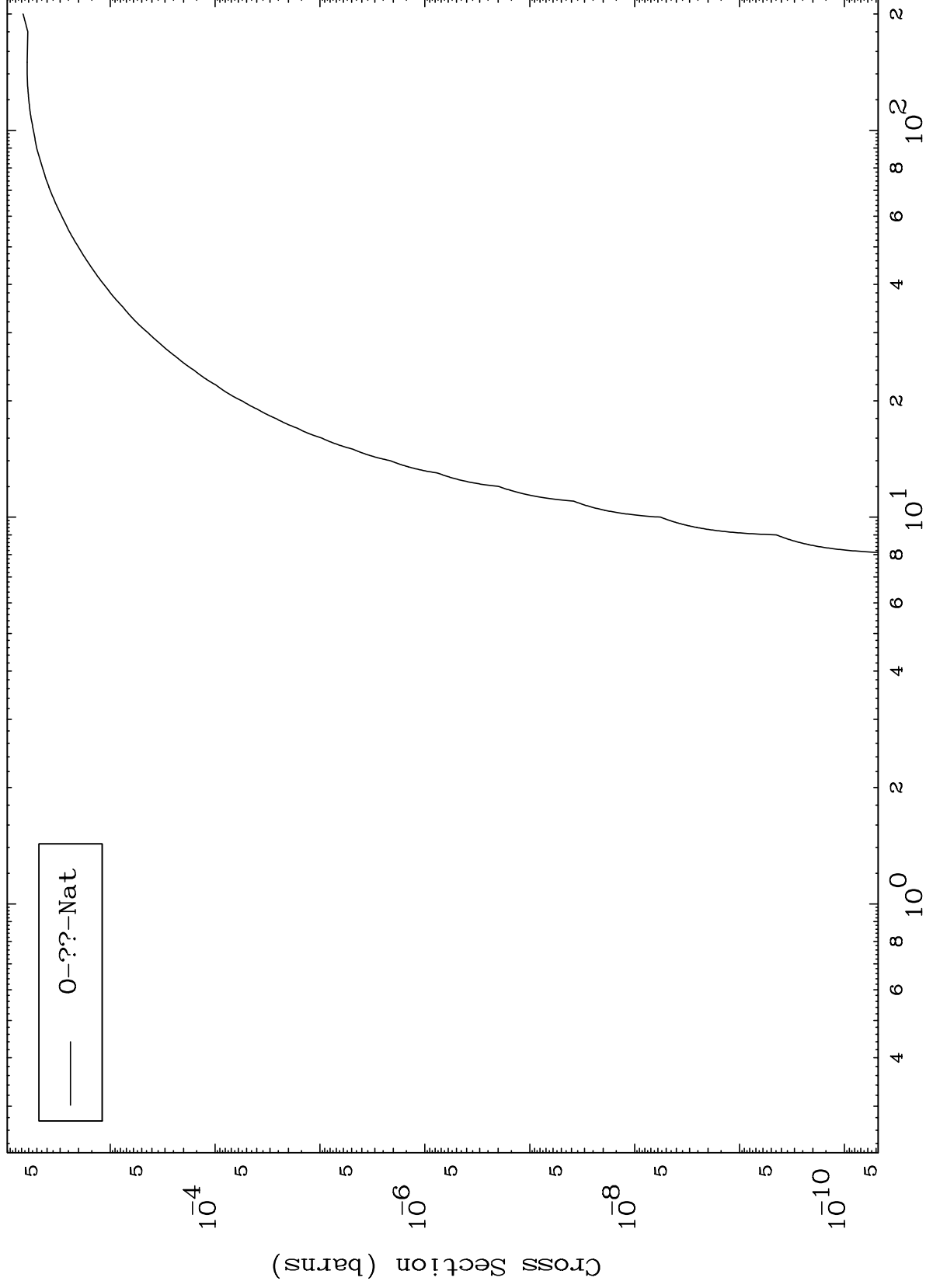
$^{77}\text{Ir-190n}$

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Fission

$^{77}\text{Ir-190n}$

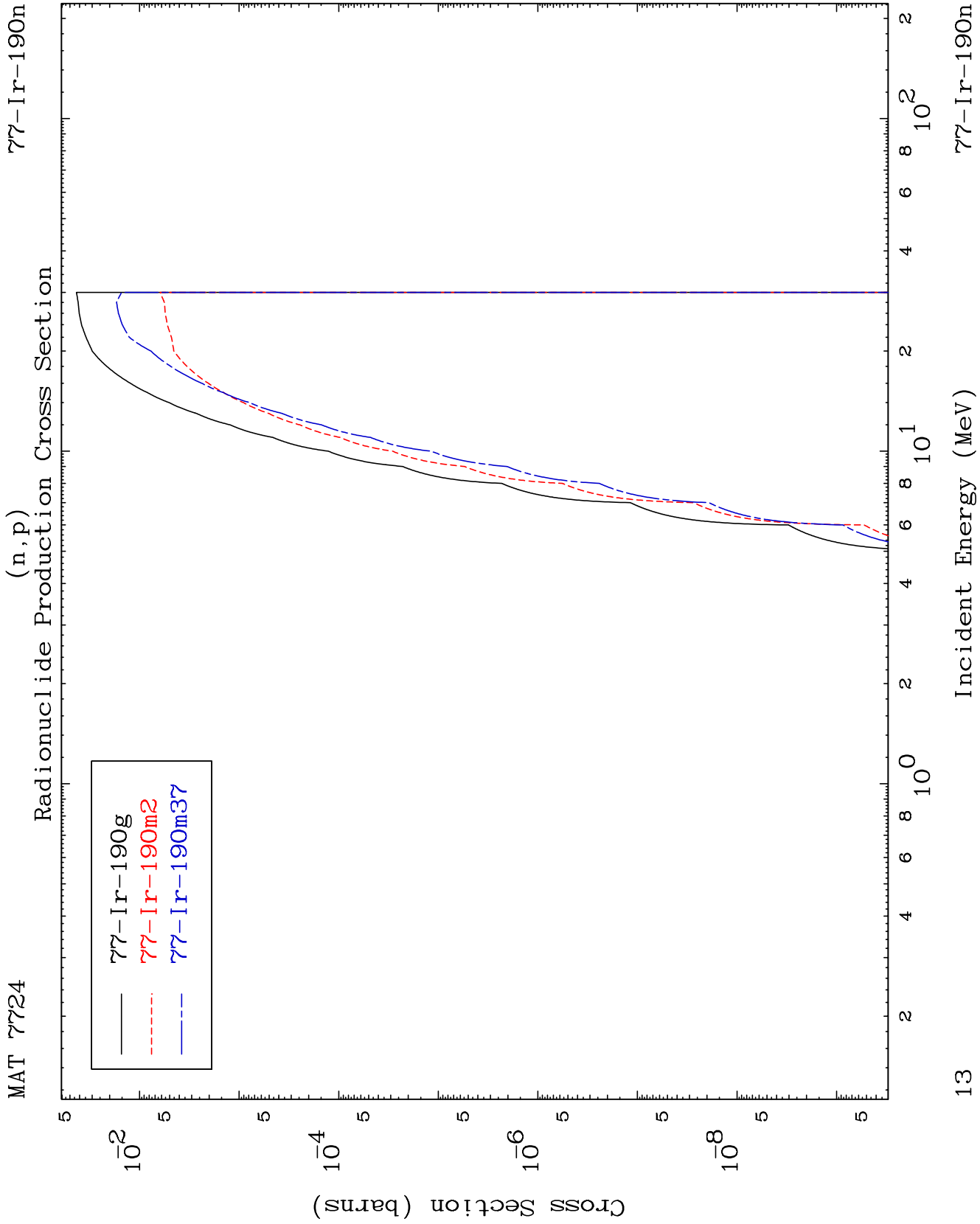
Radionuclide Production Cross Section



12

Incident Energy (MeV)

$^{77}\text{Ir-190n}$

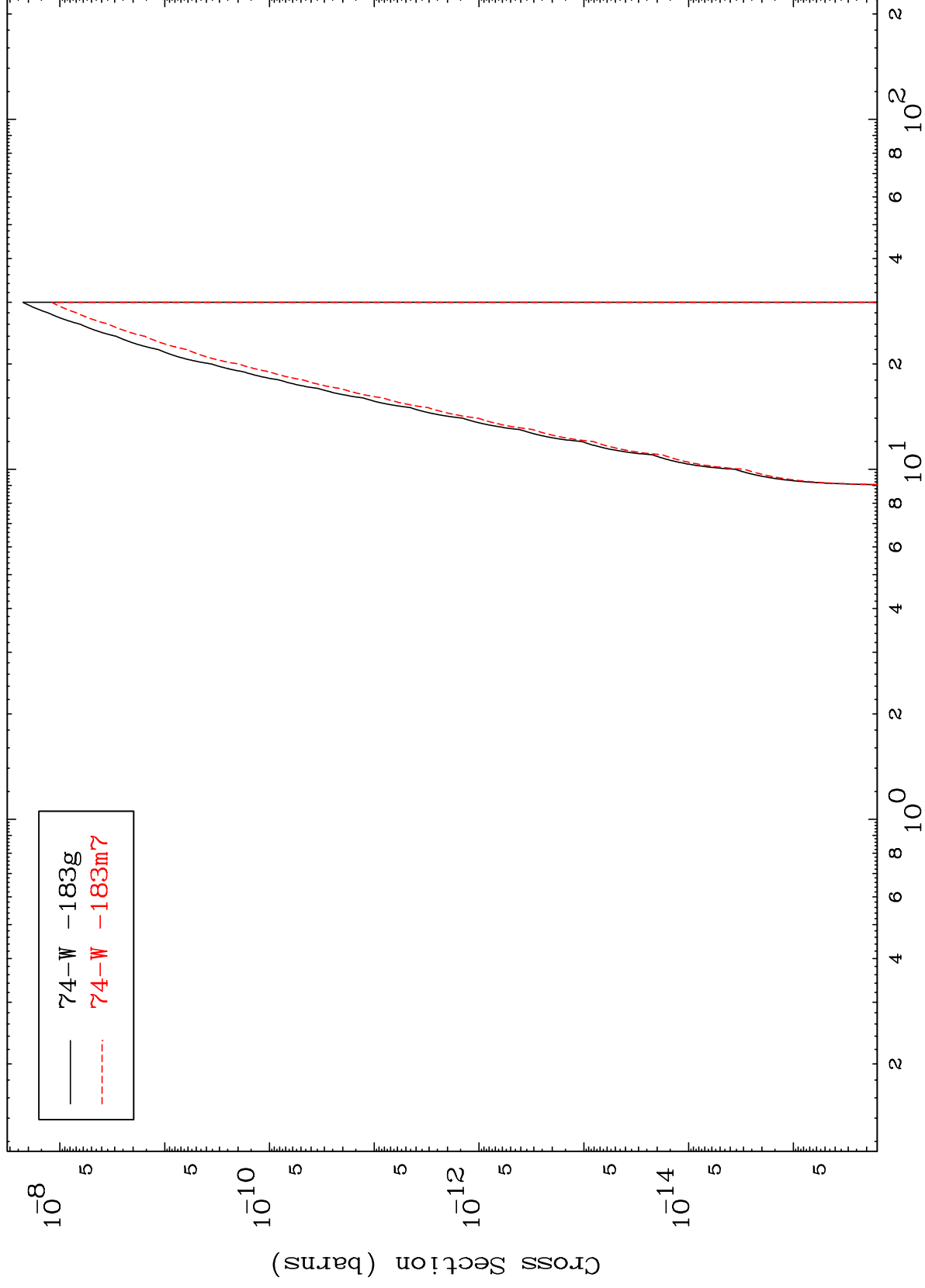


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(n,2α)

⁷⁷Ir-190n

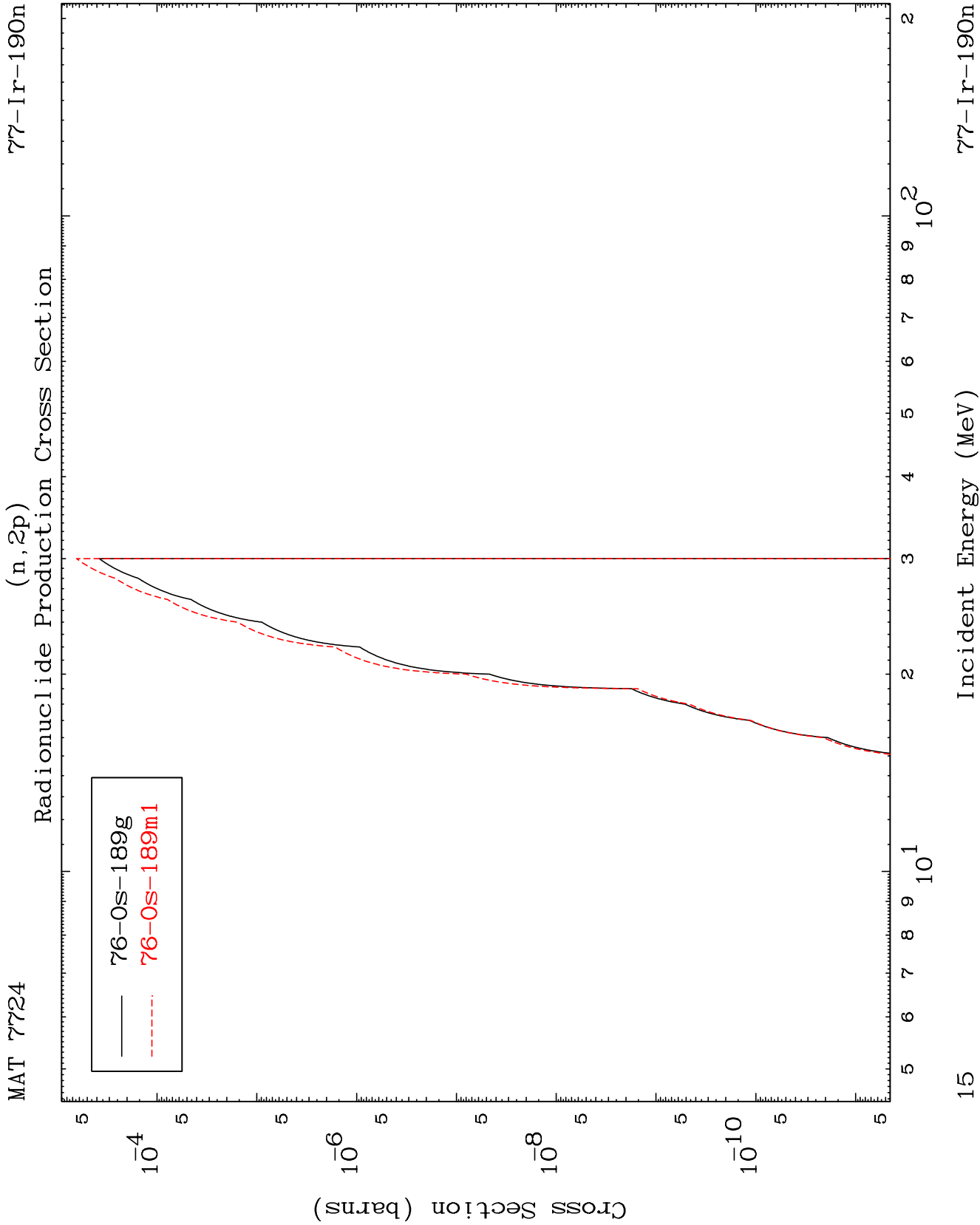
Radionuclide Production Cross Section



14

Incident Energy (MeV)

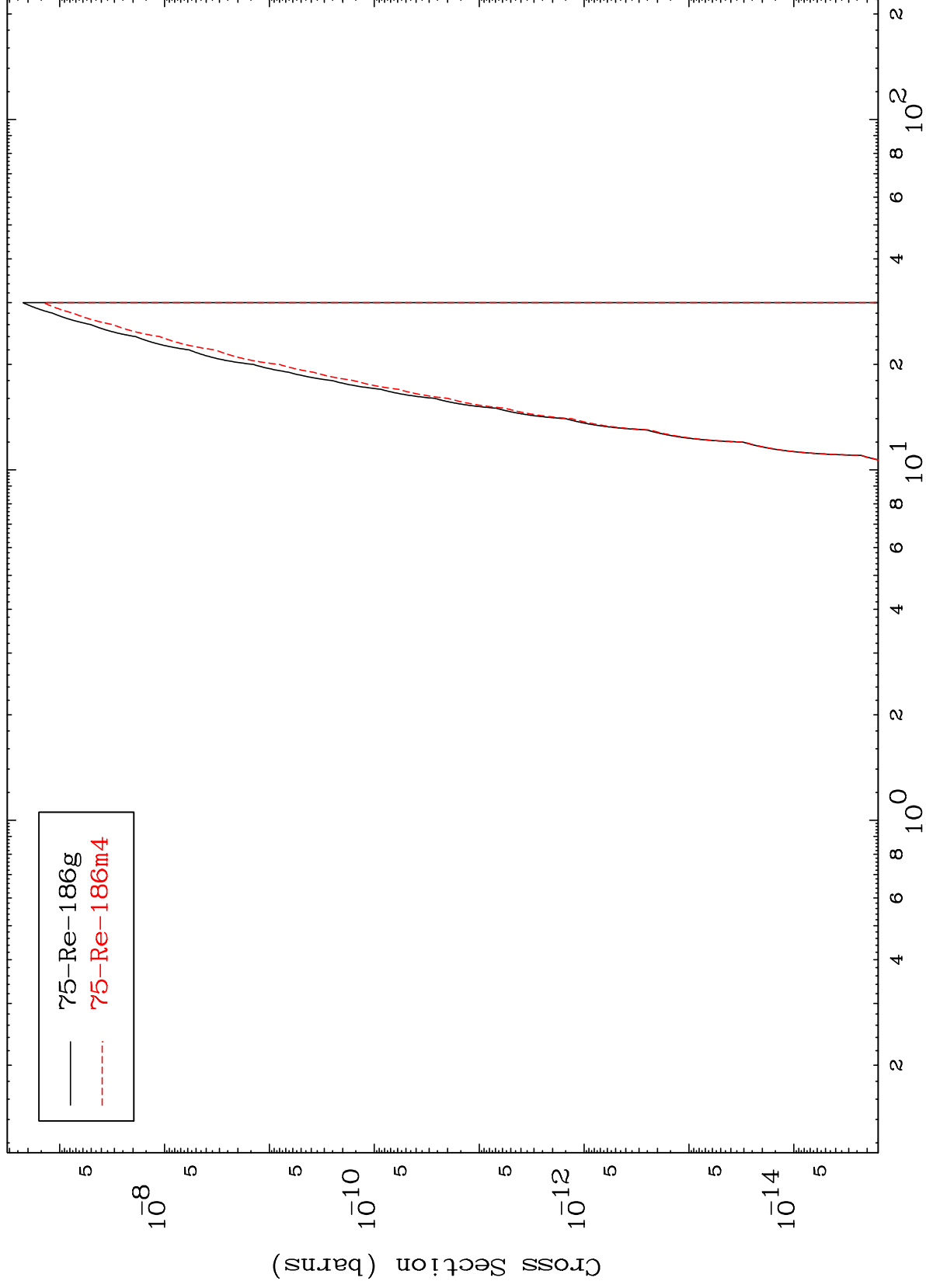
⁷⁷Ir-190n



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$^{77}\text{Ir-190n}$

$(n,p) \alpha$
Radionuclide Production Cross Section



16

Incident Energy (MeV)

$^{77}\text{Ir-190n}$