

Program EVALPLOT  
(Version 2021-1)

by

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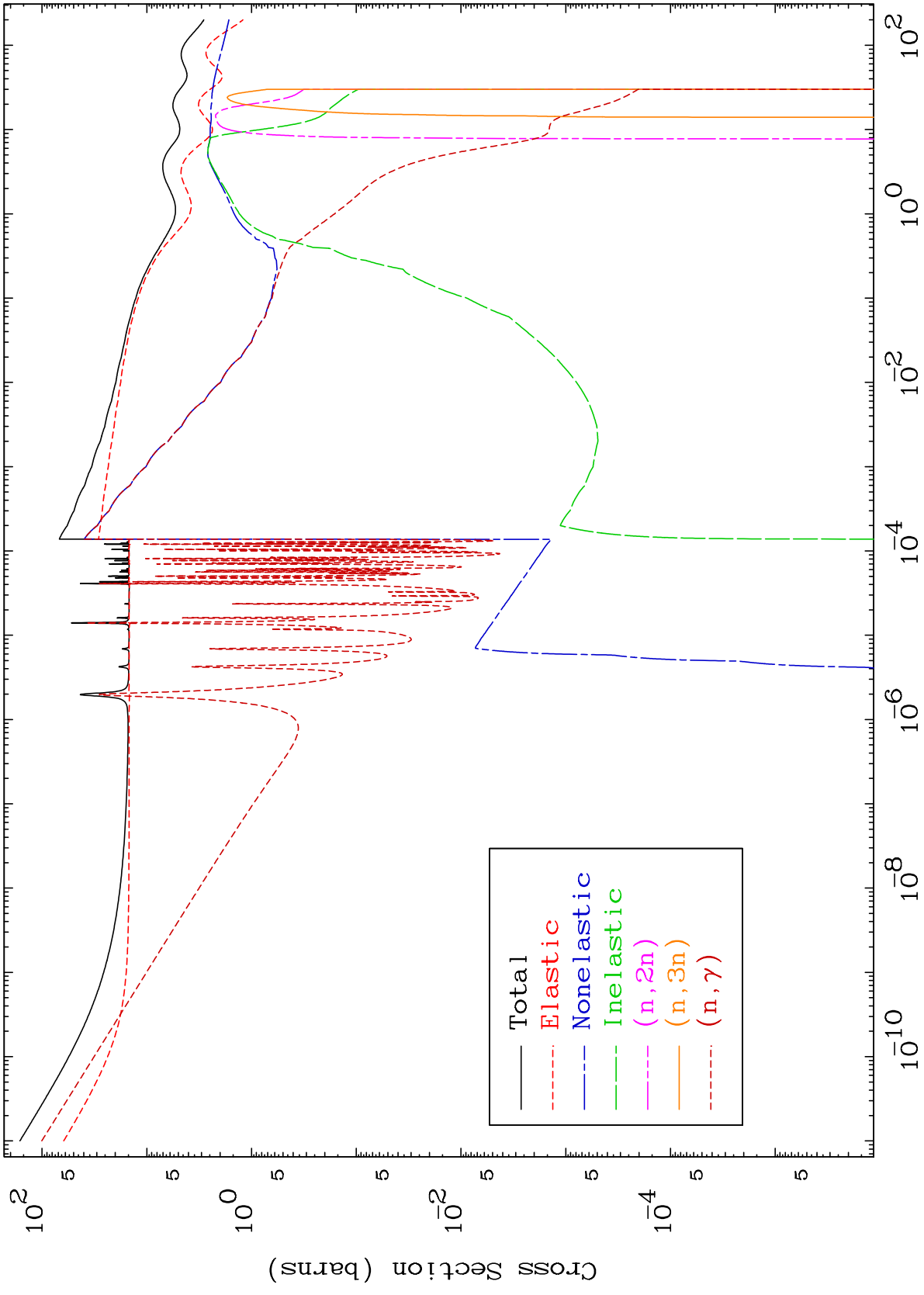
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7732

Neutron Major  
293 Kelvin Cross Sections

77-Ir-193m

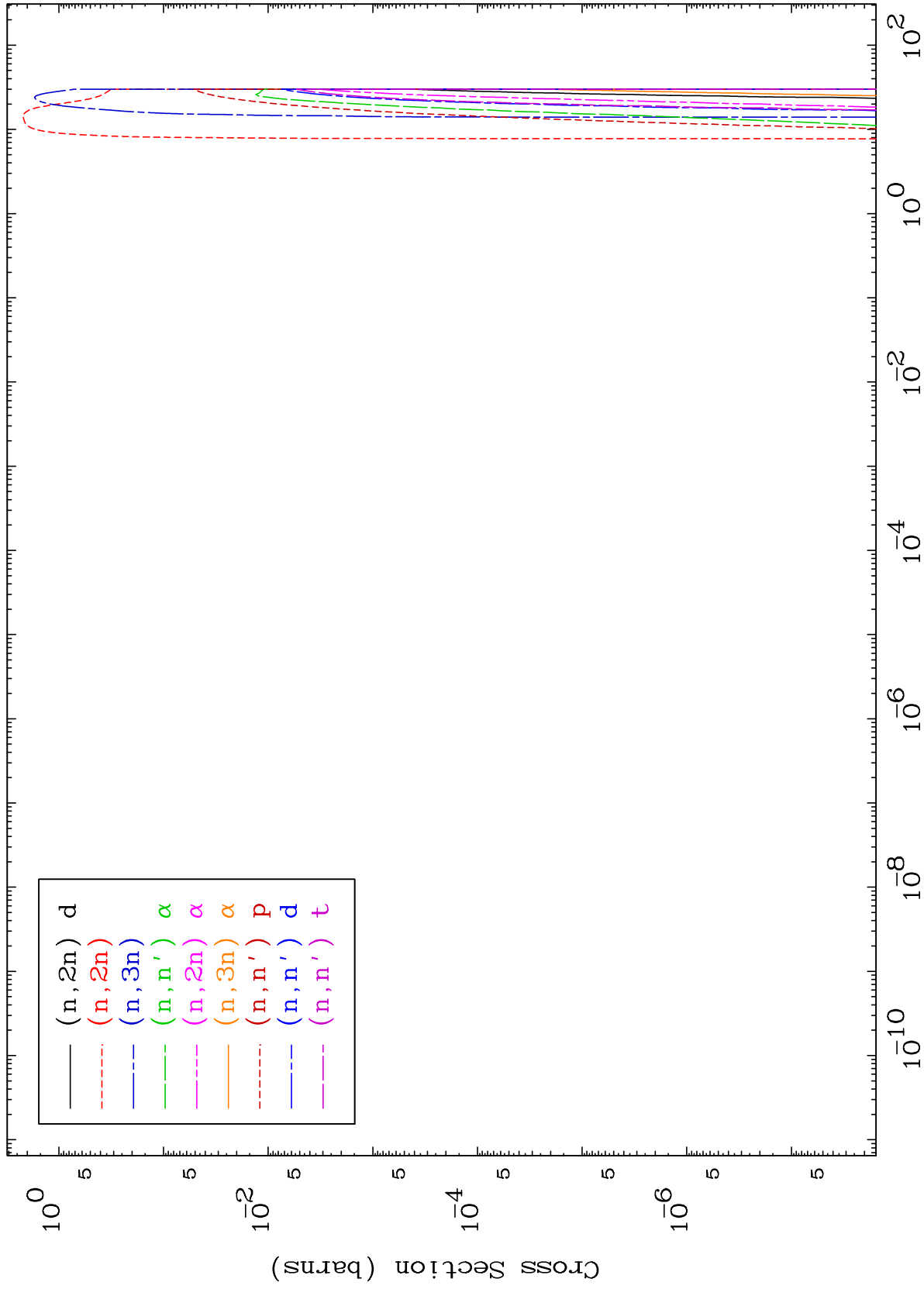


77-Ir-193m

MAT 7732

Neutron Absorption  
293 Kelvin Cross Sections

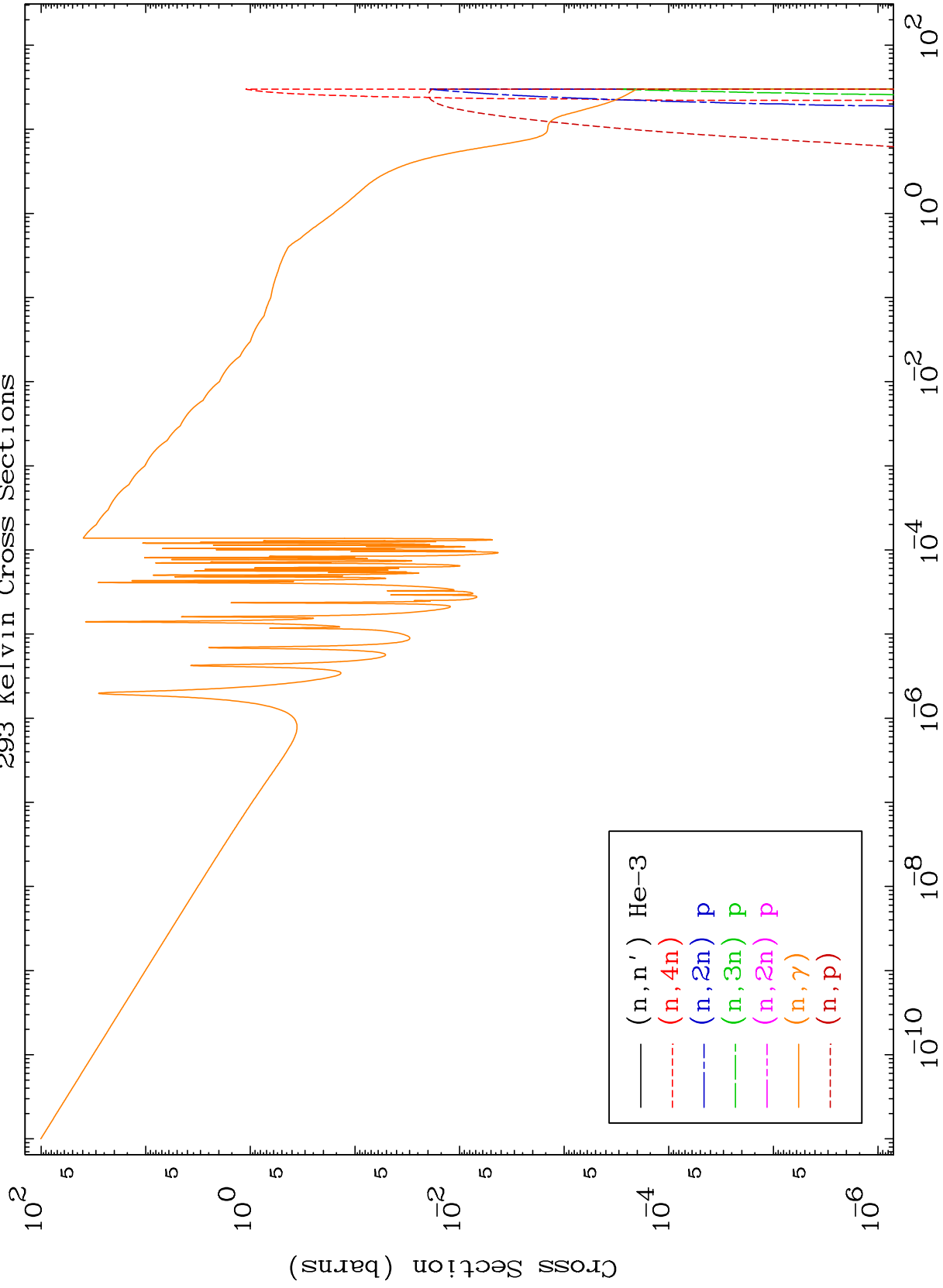
77-Ir-193m



MAT 7732

Neutron Absorption  
293 Kelvin Cross Sections

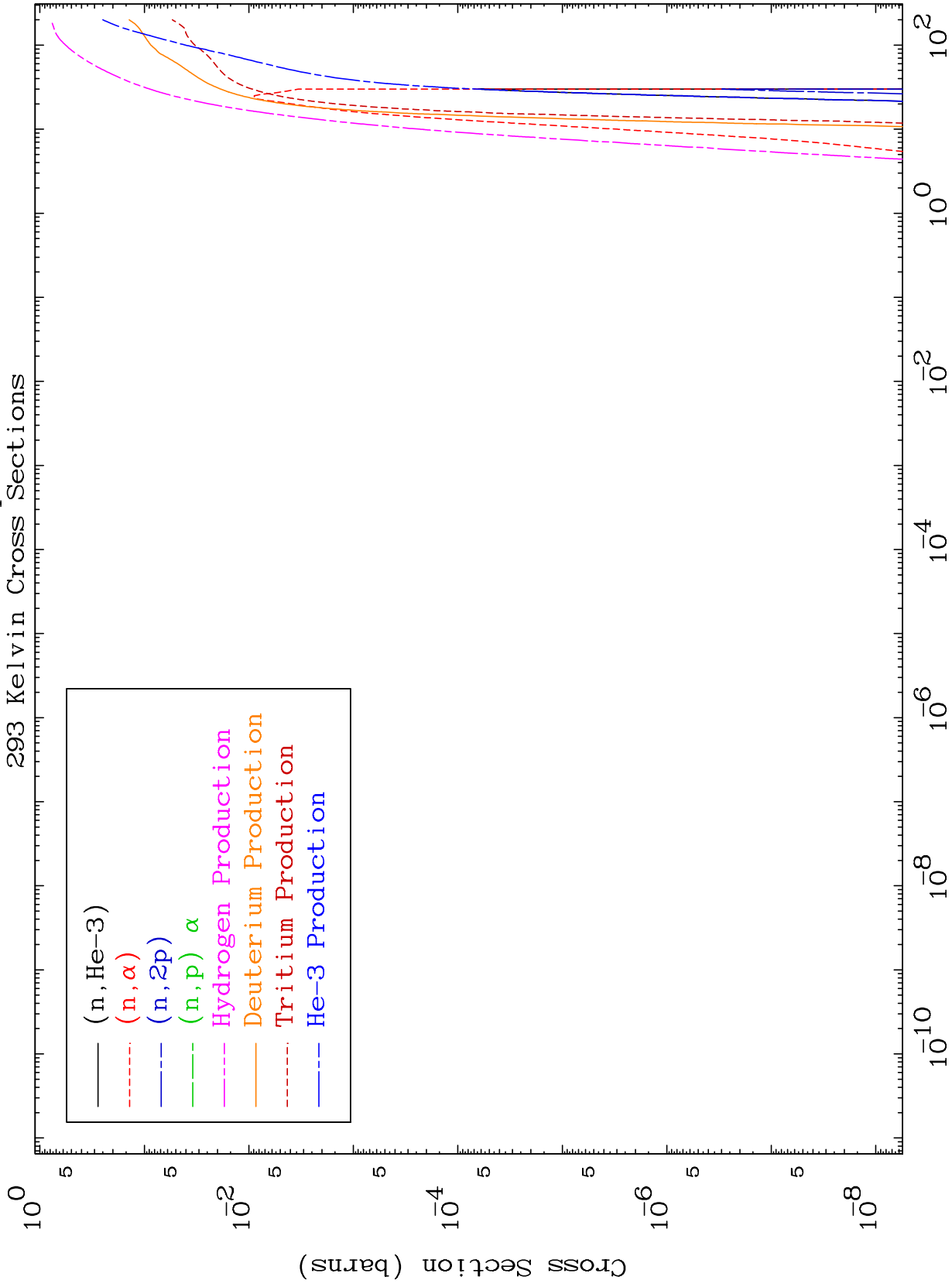
77-Ir-193m



MAT 7732

Neutron Absorption  
293 Kelvin Cross Sections

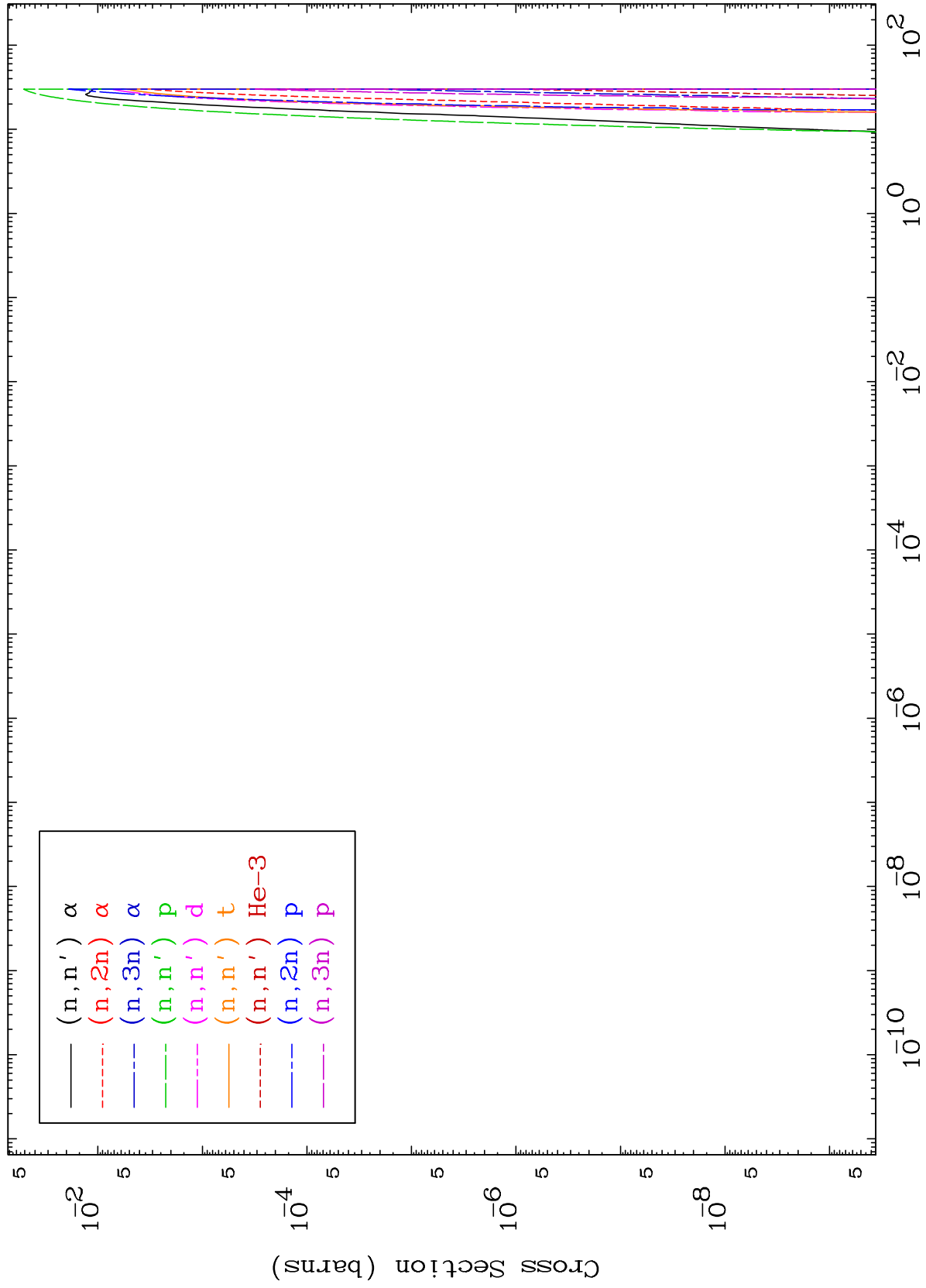
77-Ir-193m



MAT 7732

Charged Particle  
293 Kelvin Cross Sections

77-Ir-193m



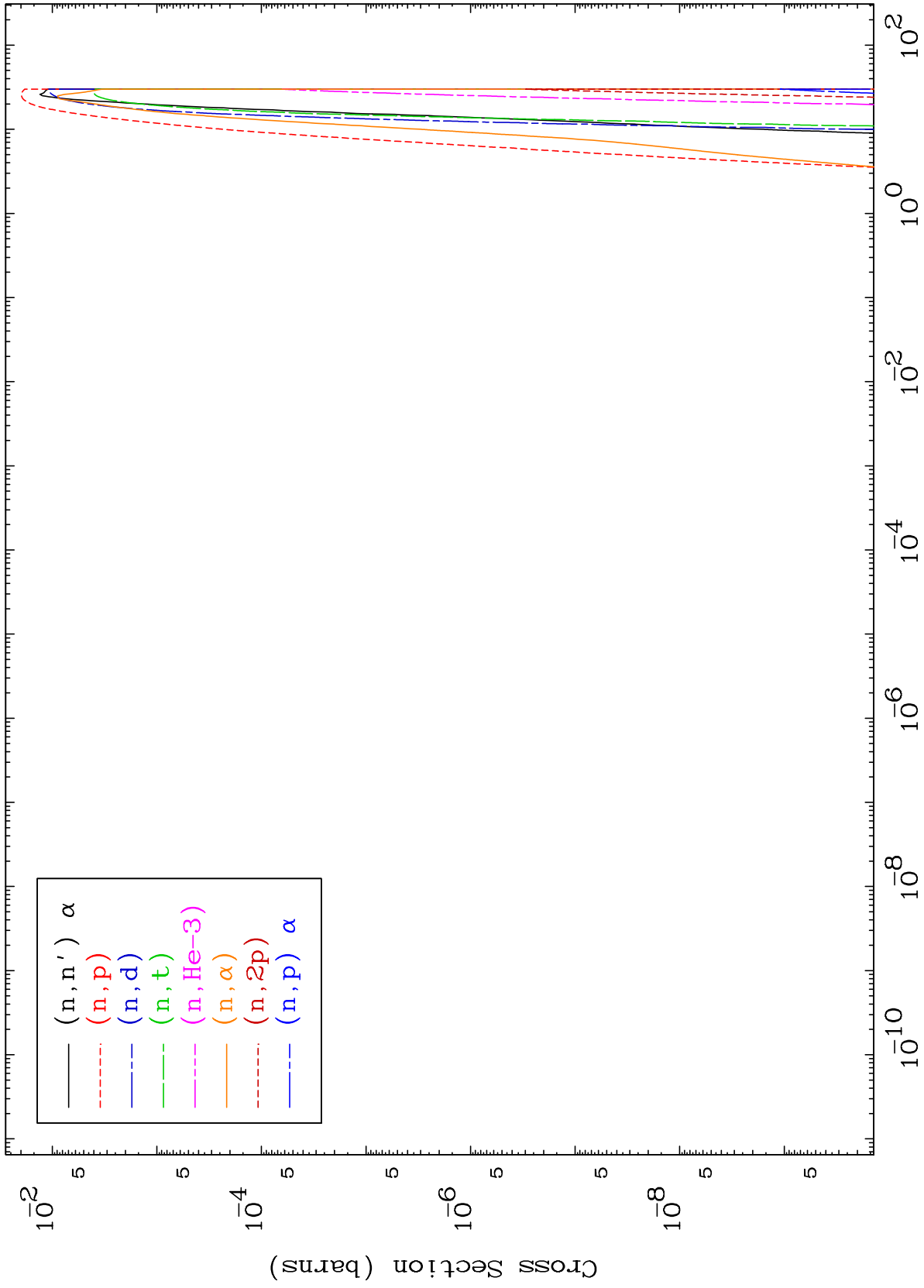
5

77-Ir-193m

MAT 7732

Charged Particle  
293 Kelvin Cross Sections

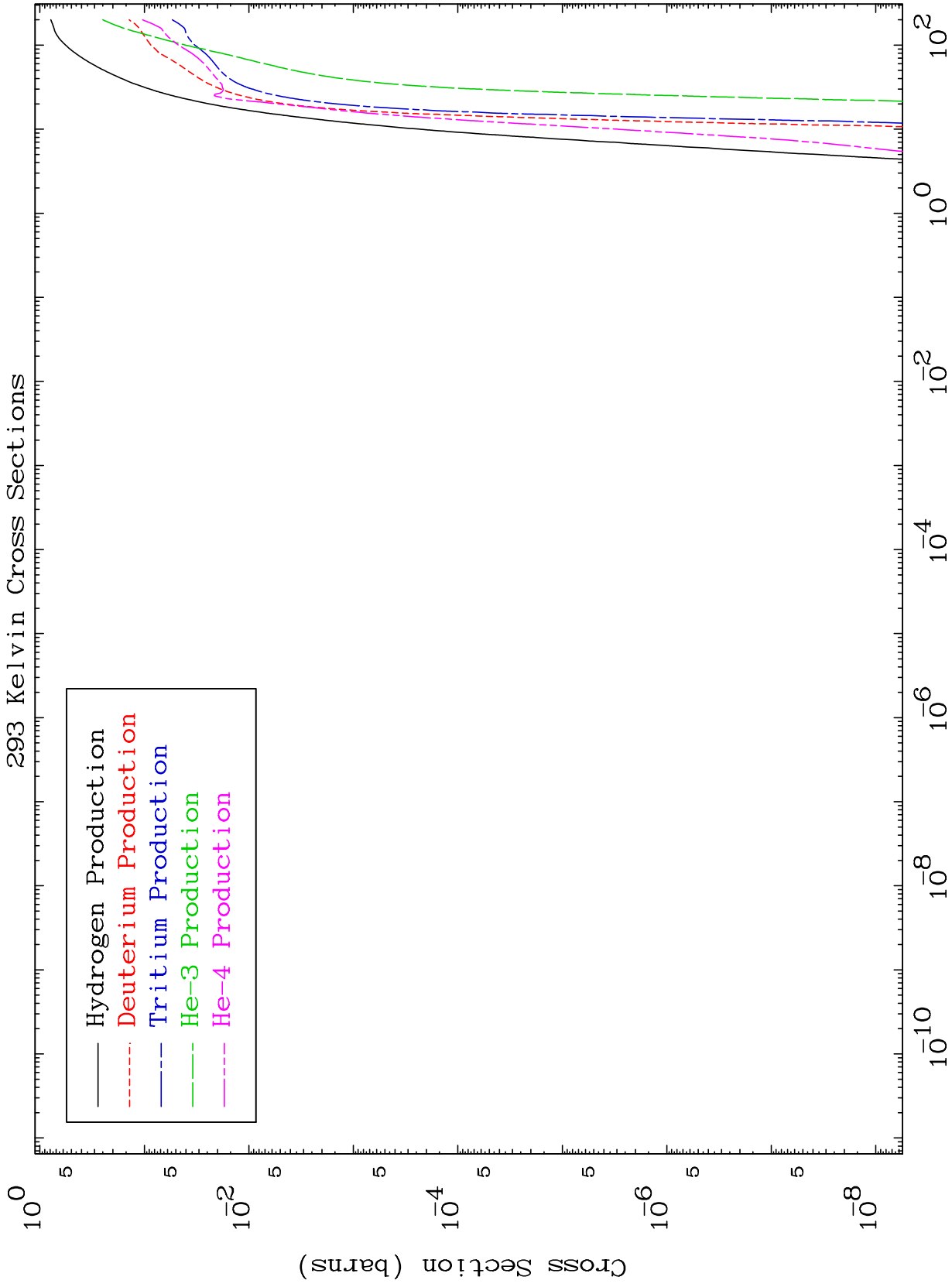
77-Ir-193m



MAT 7732

Particle Production  
293 Kelvin Cross Sections

77-Ir-193m



7

Incident Energy (MeV)

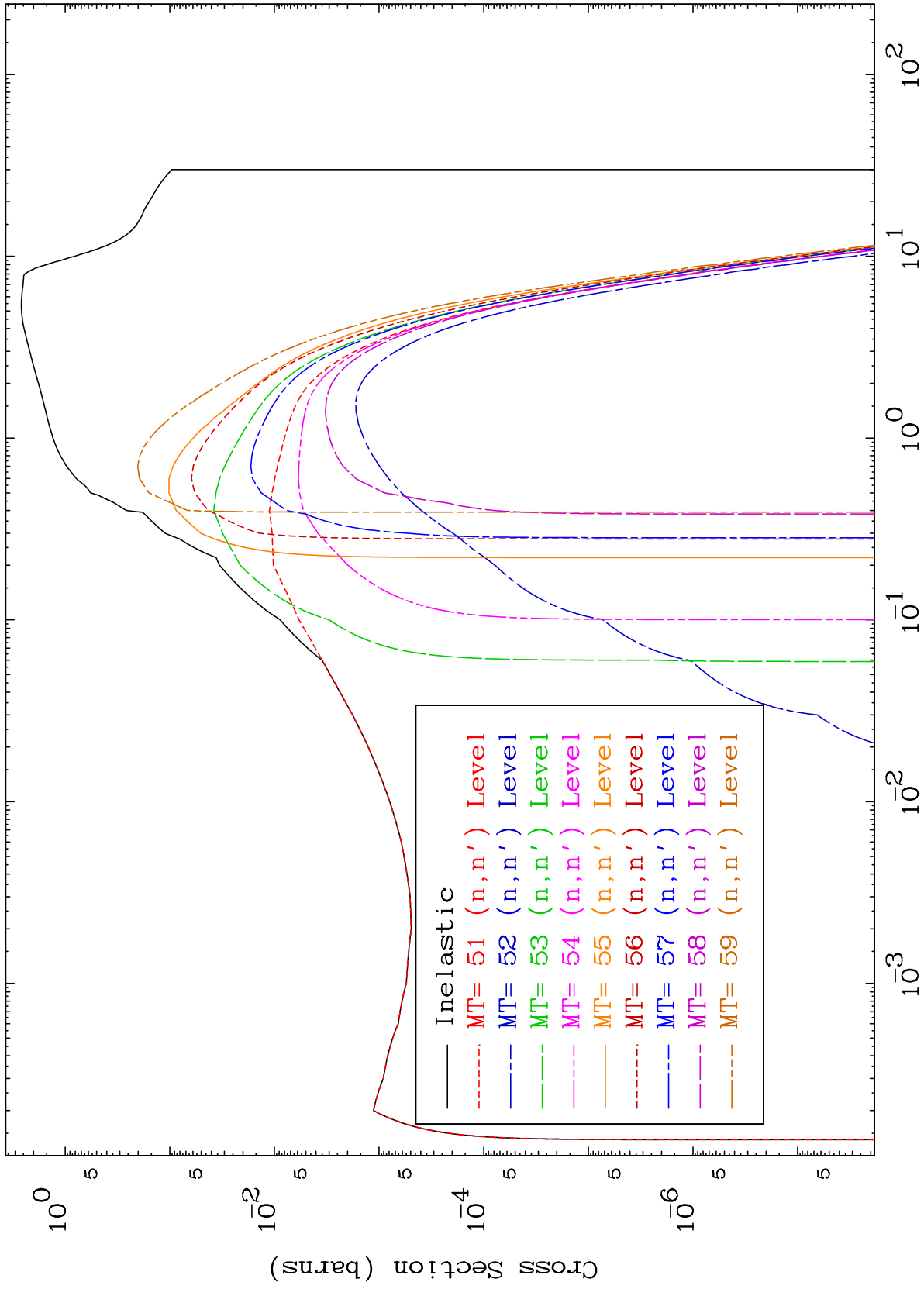
77-Ir-193m



MAT 7732

(n,n') Levels  
293 Kelvin Cross Sections

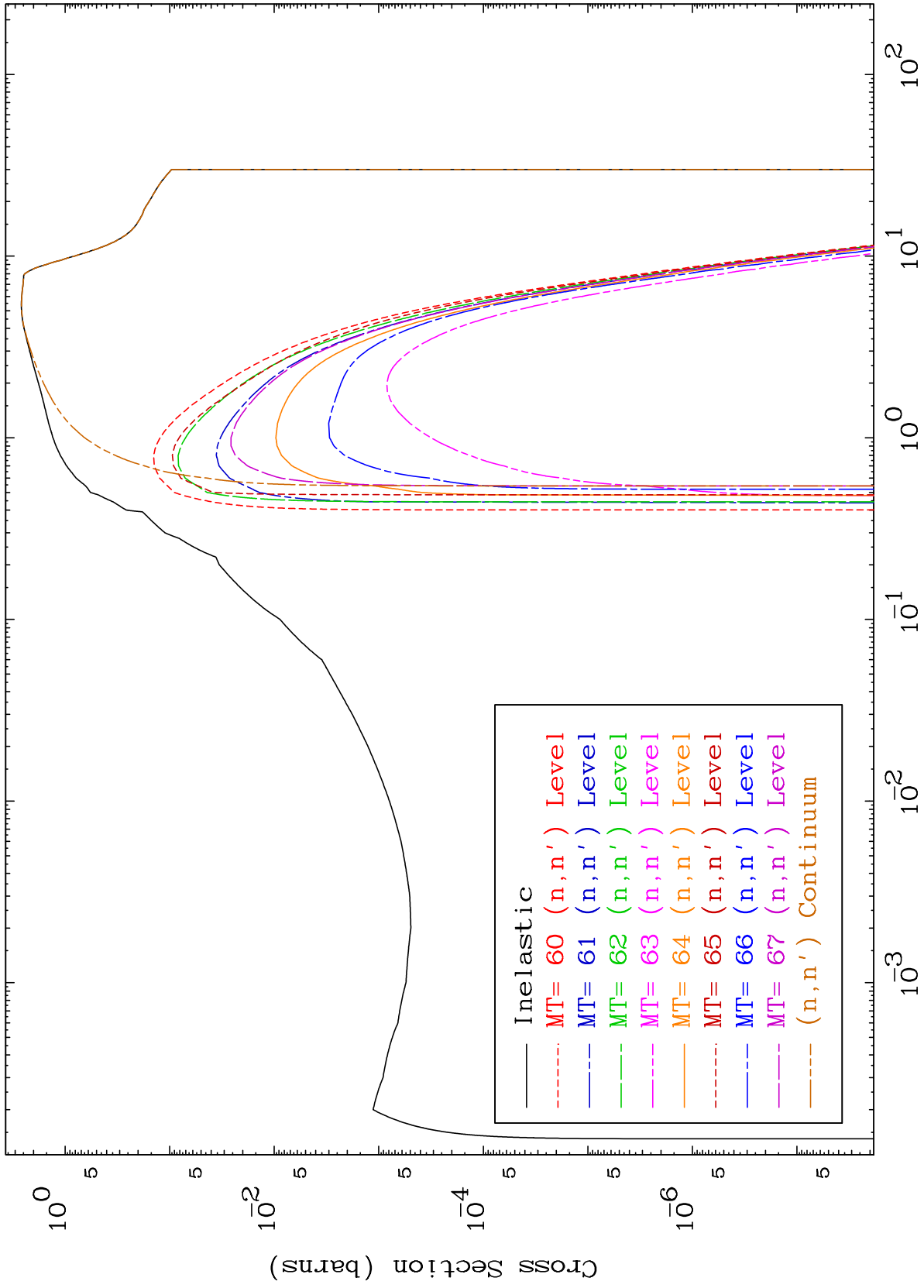
77-Ir-193m



MAT 7732

293 Kelvin Cross Sections

77-Ir-193m

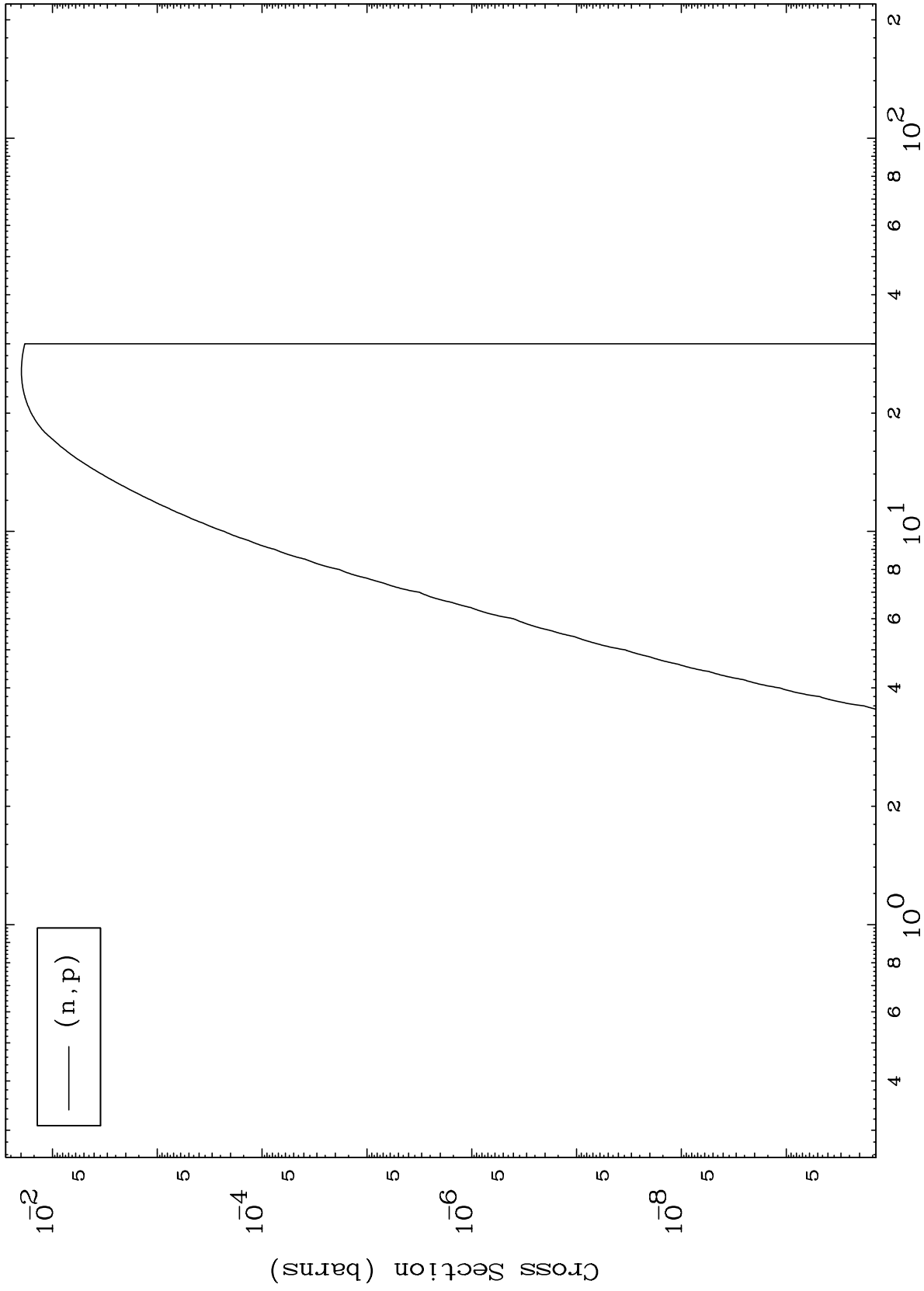


77-Ir-193m

MAT 7732

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-193m



10

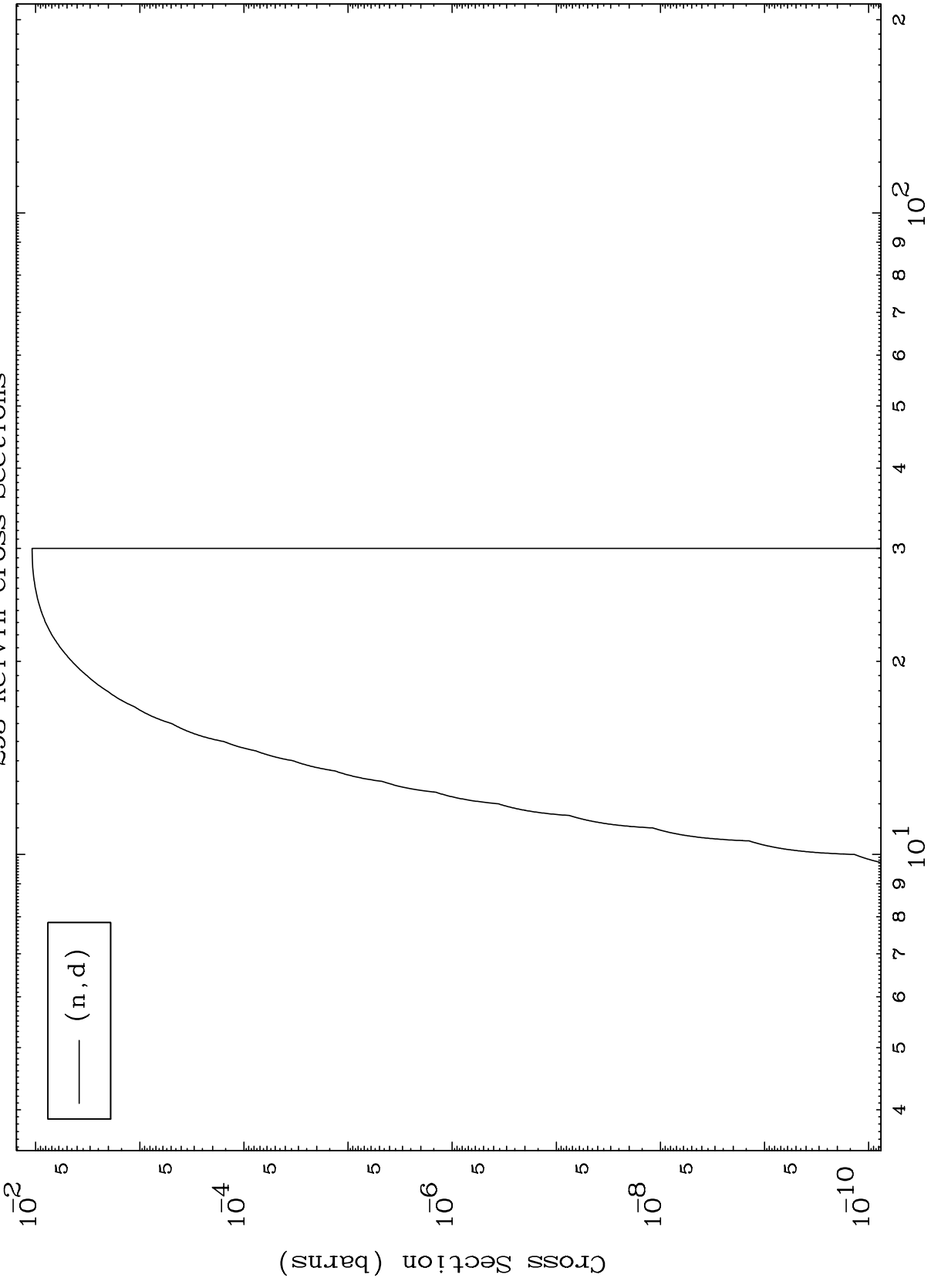
Incident Energy (MeV)

77-Ir-193m

MAT 7732

(n,d) Levels  
293 Kelvin Cross Sections

<sup>77</sup>Ir-193m



11

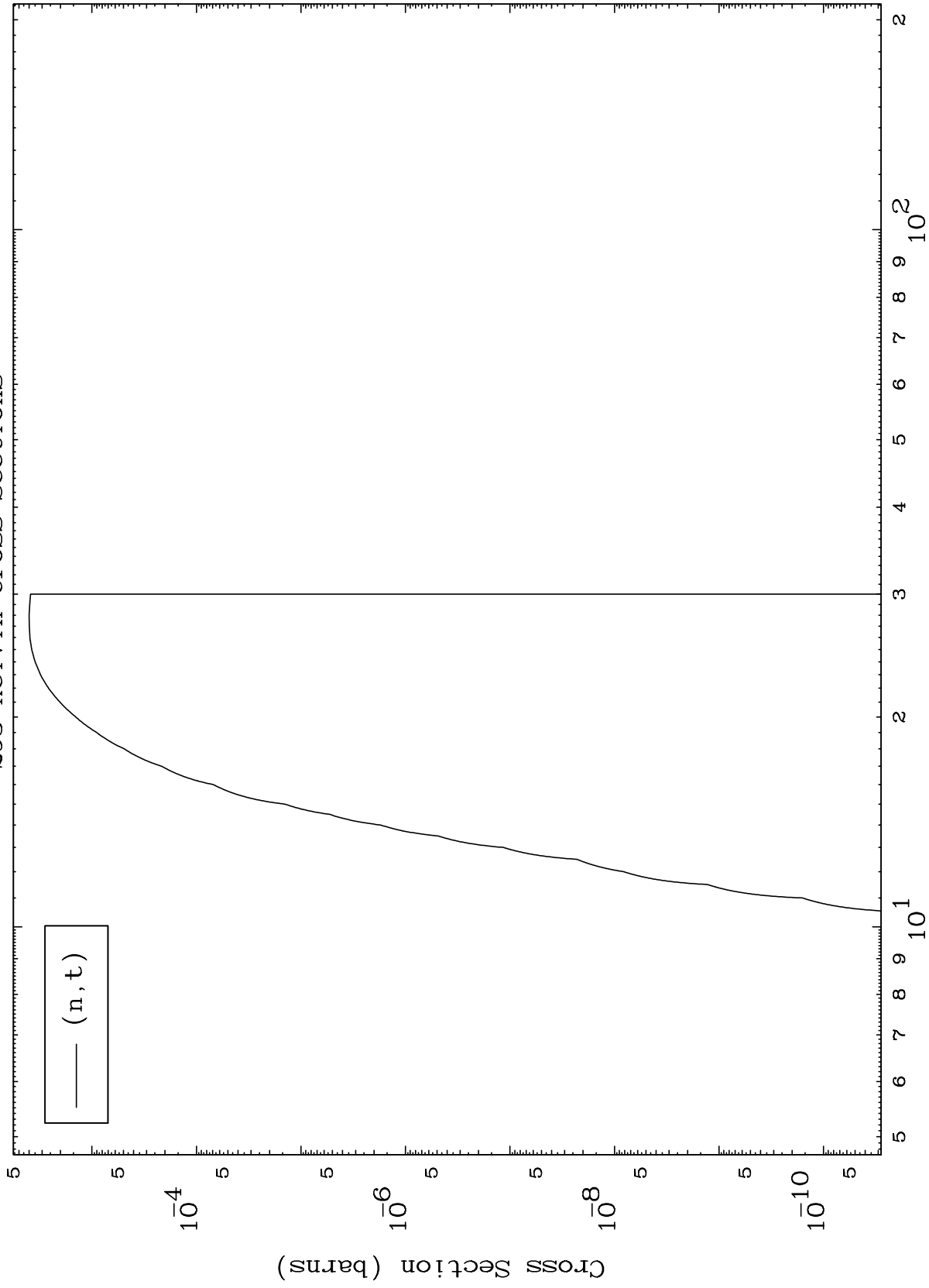
Incident Energy (MeV)

<sup>77</sup>Ir-193m

MAT 7732

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-193m



12

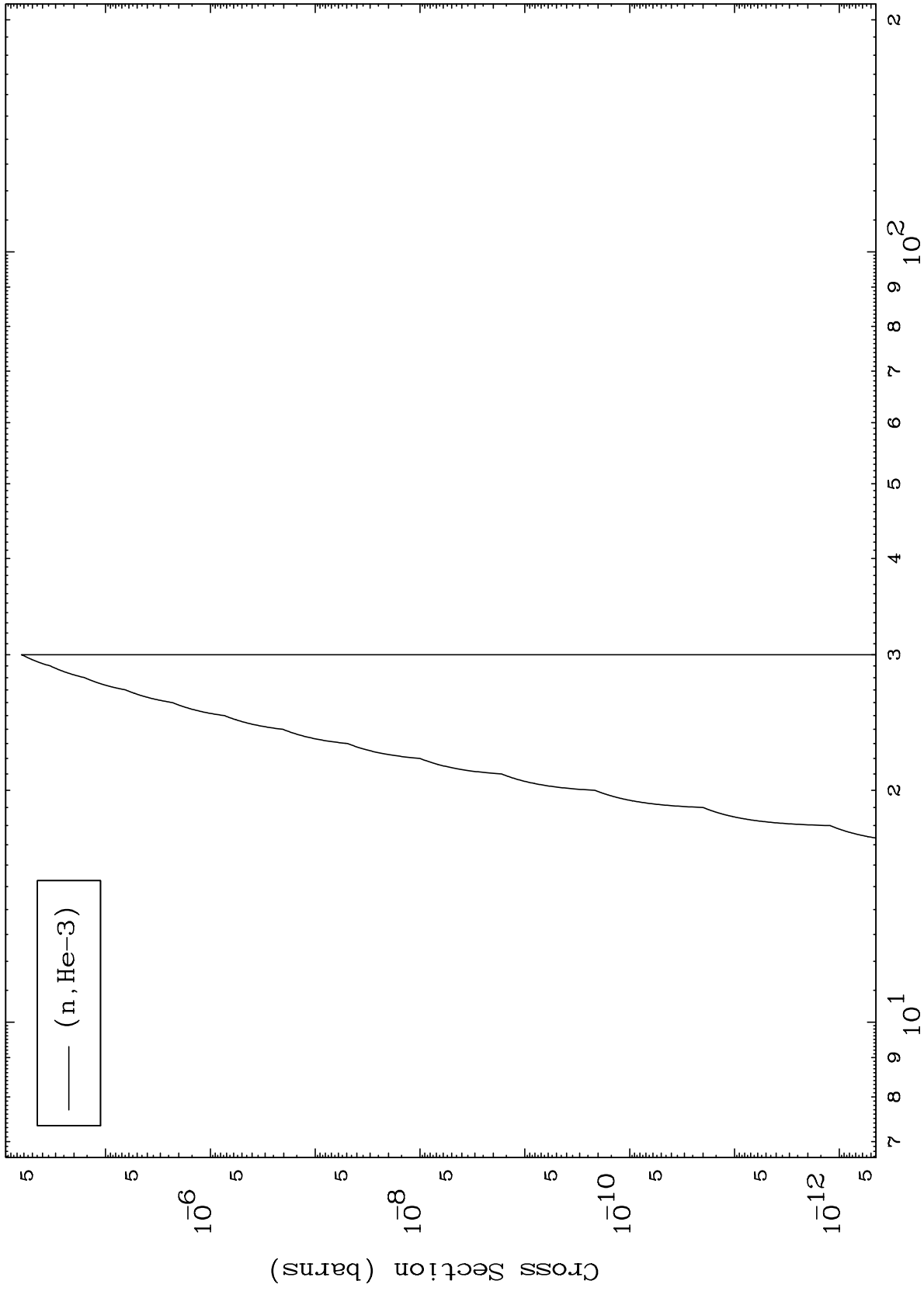
Incident Energy (MeV)

77-Ir-193m

MAT 7732

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-193m



13

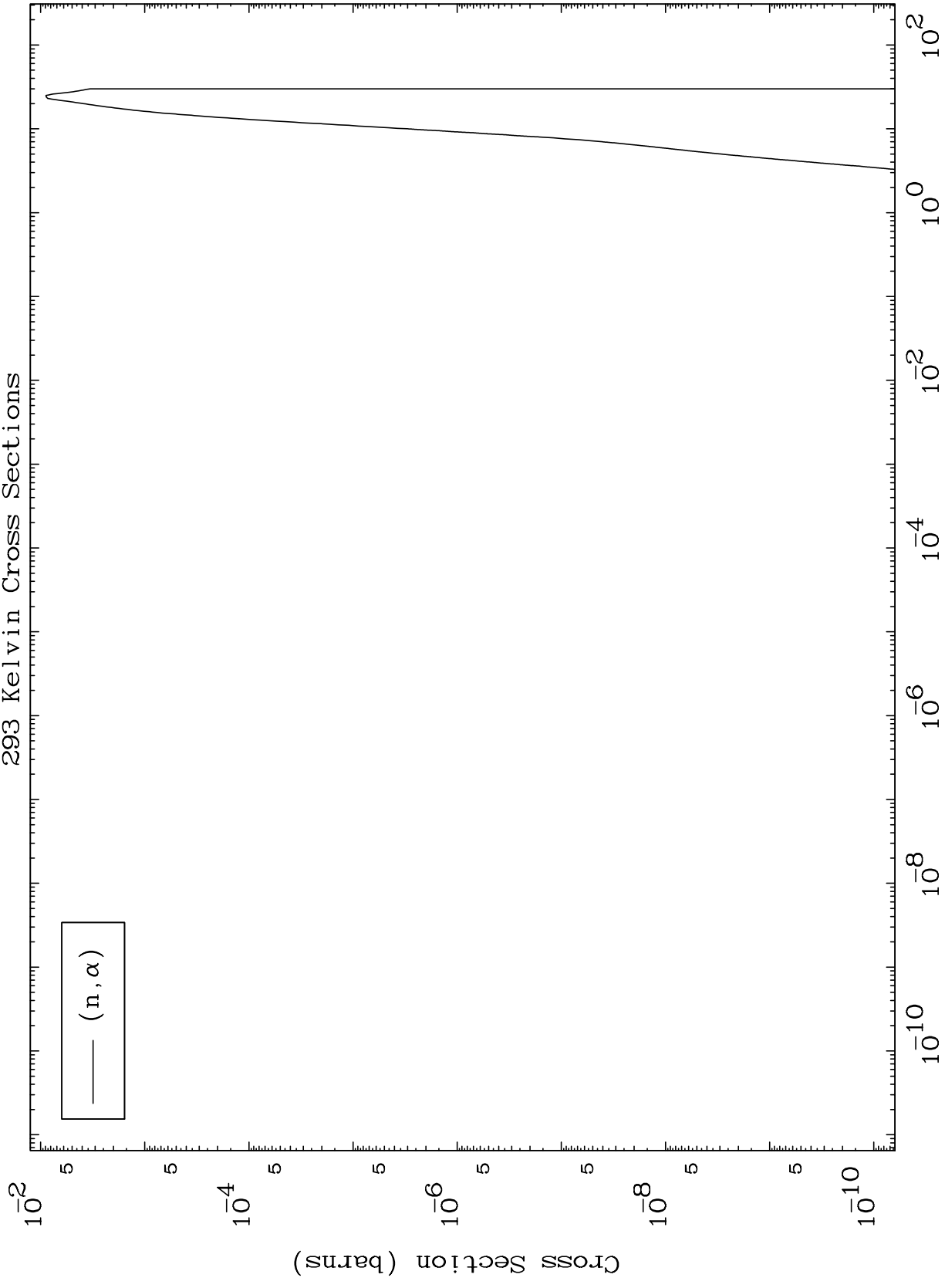
Incident Energy (MeV)

77-Ir-193m

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(n,α) Levels  
293 Kelvin Cross Sections

77-Ir-193m



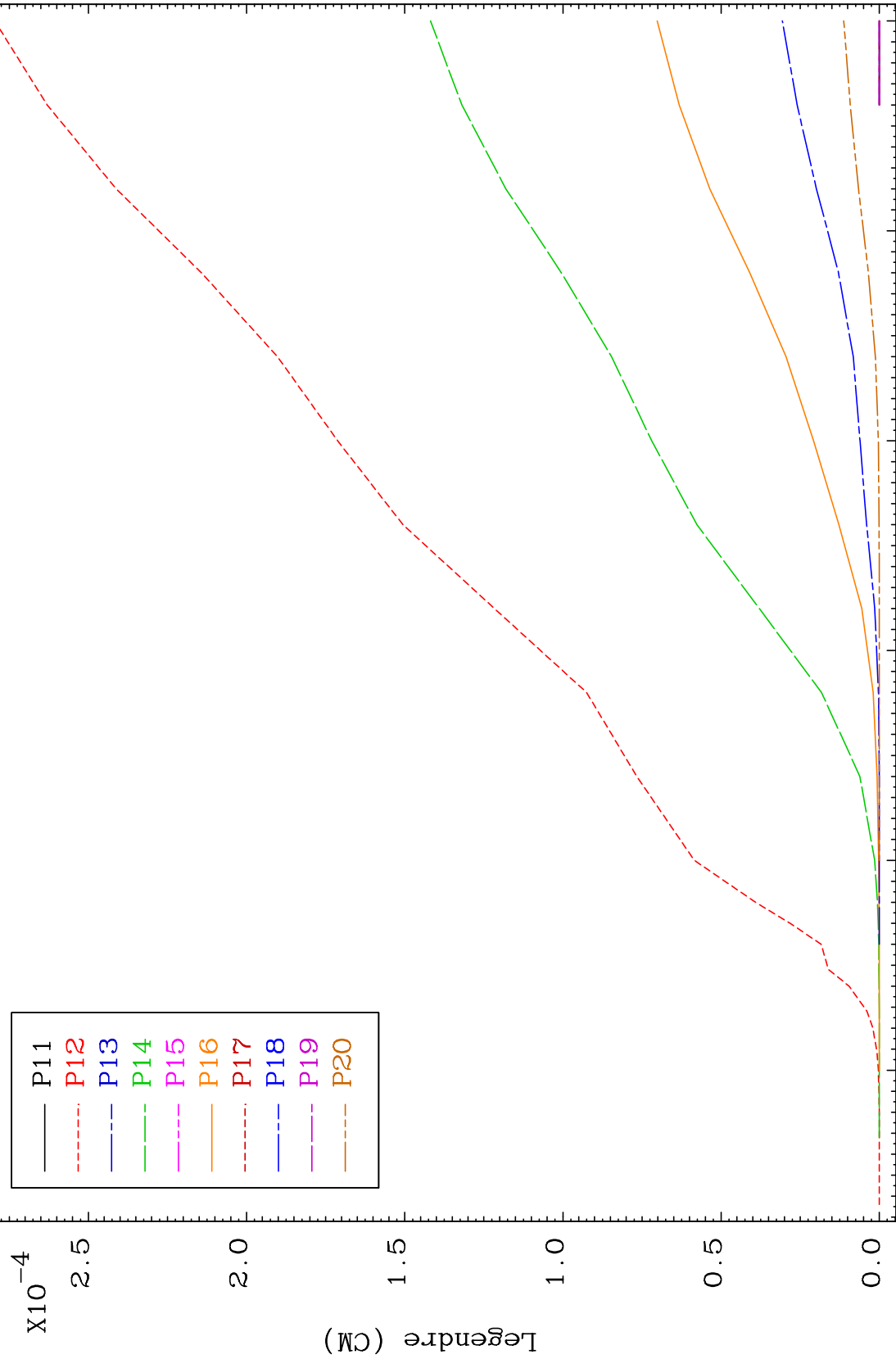
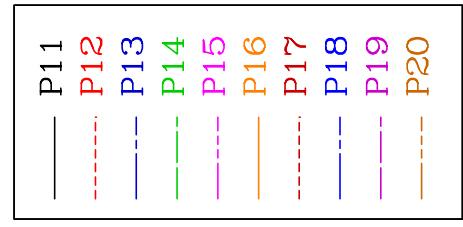




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Elastic Legendre Coefficients

77-Ir-193m



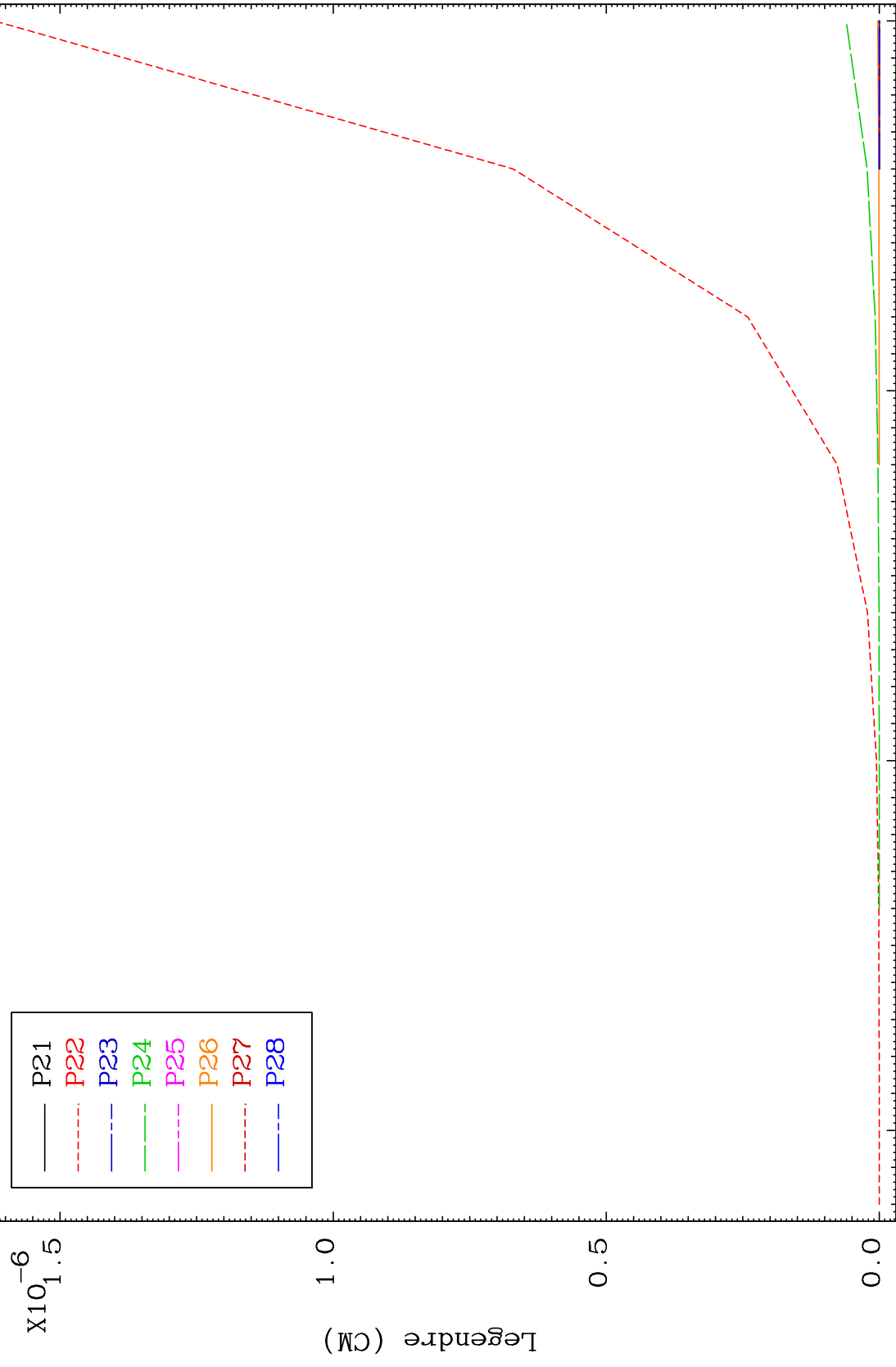
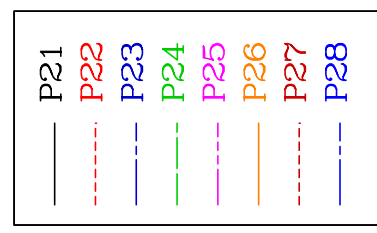
16

77-Ir-193m

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Elastic Legendre Coefficients

<sup>77</sup>Ir-193m



17

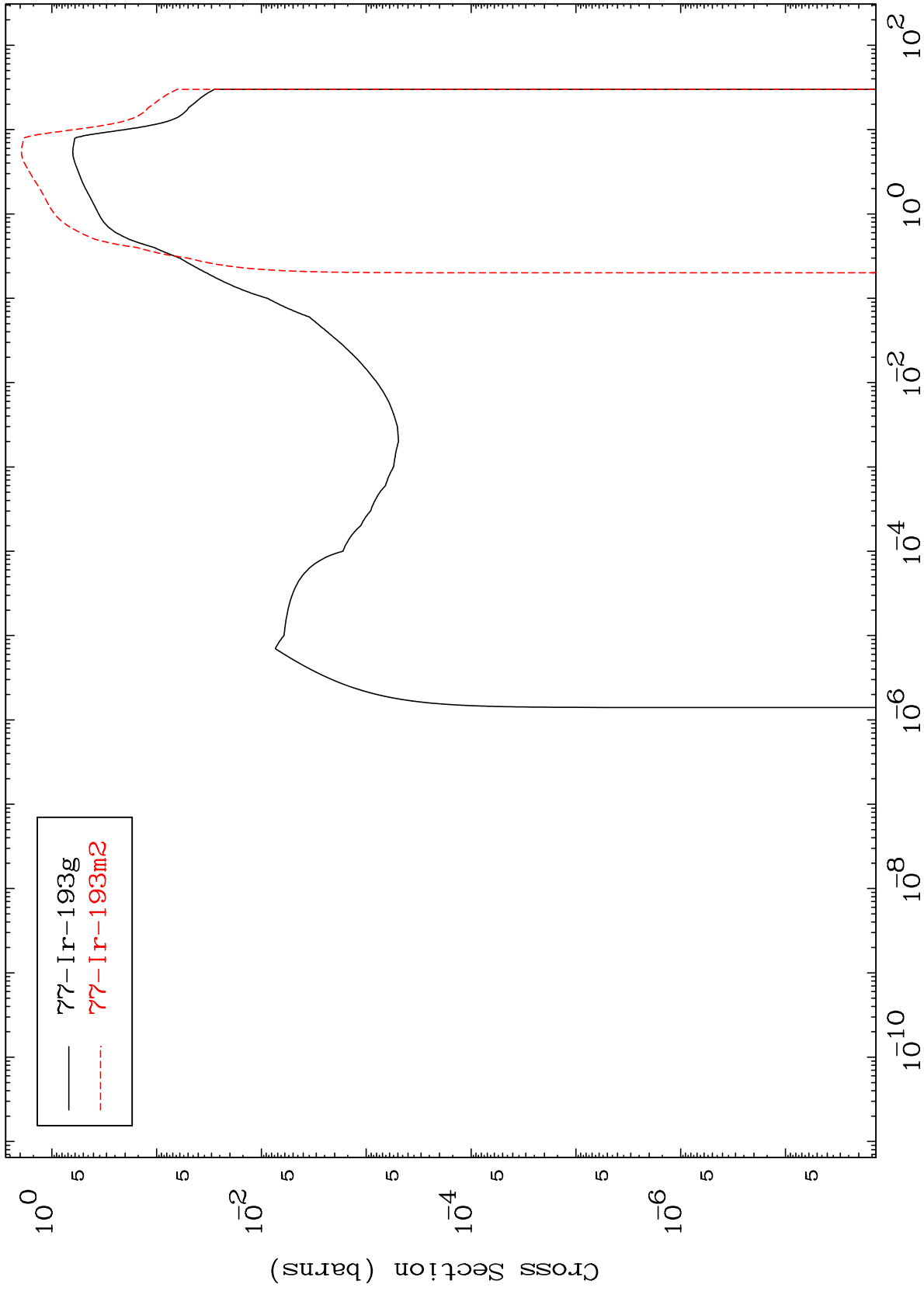
Incident Energy (MeV)

<sup>77</sup>Ir-193m

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Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-193m

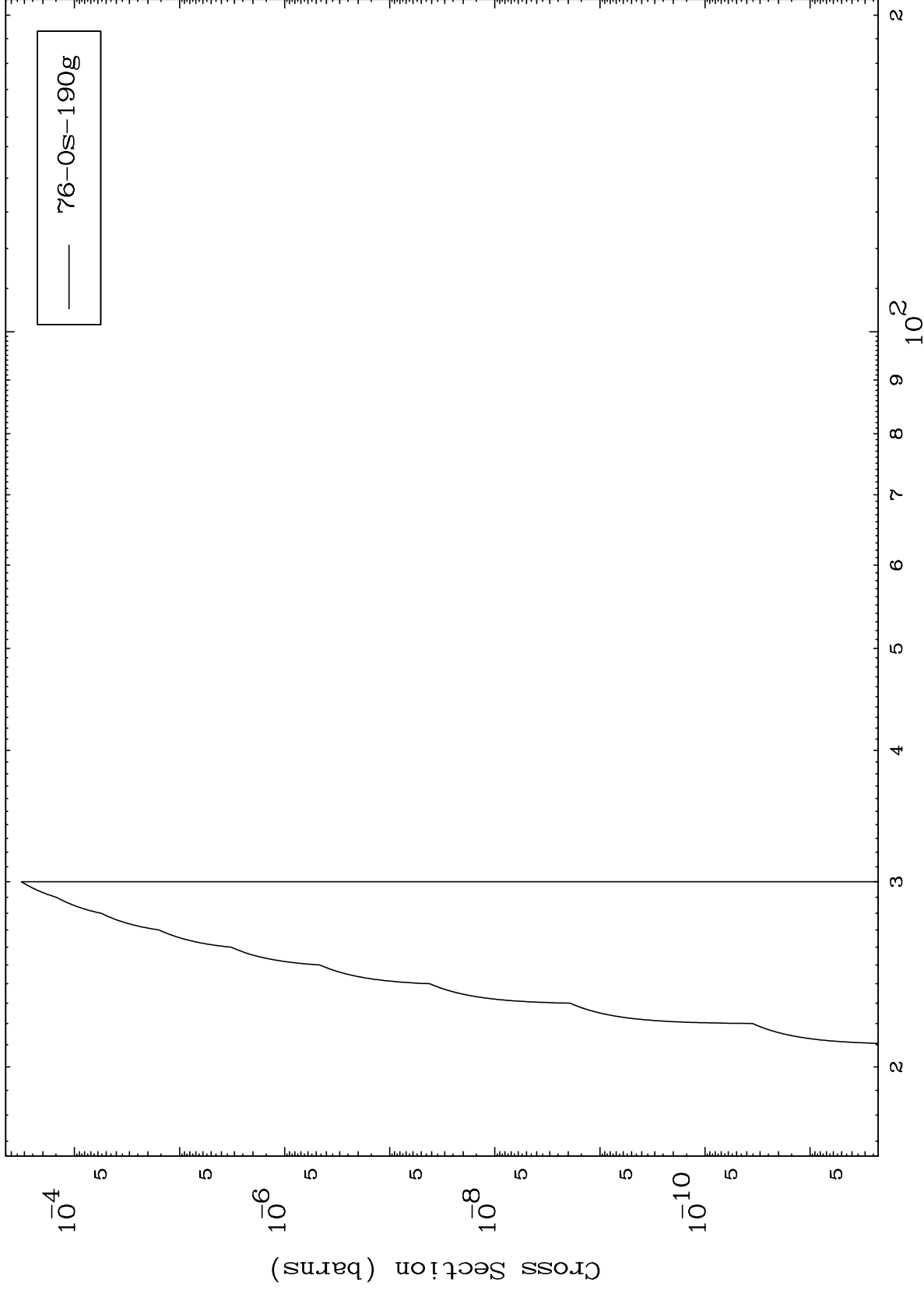


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(n,2n) d

<sup>77</sup>Ir-193m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

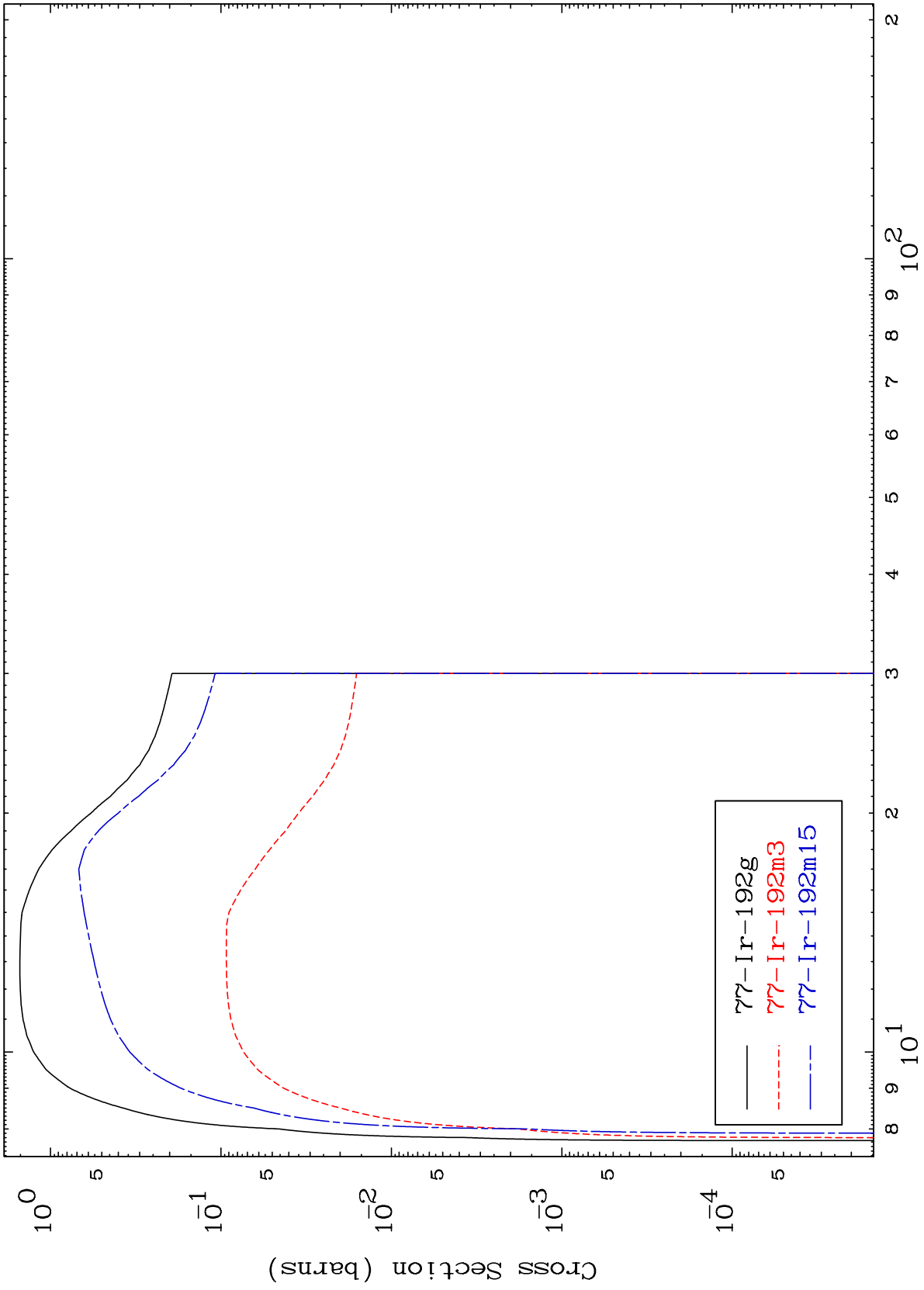
<sup>77</sup>Ir-193m

MAT 7732

<sup>77</sup>Ir-193m

Radionuclide Production Cross Section

(n,2n)



<sup>77</sup>Ir-193m

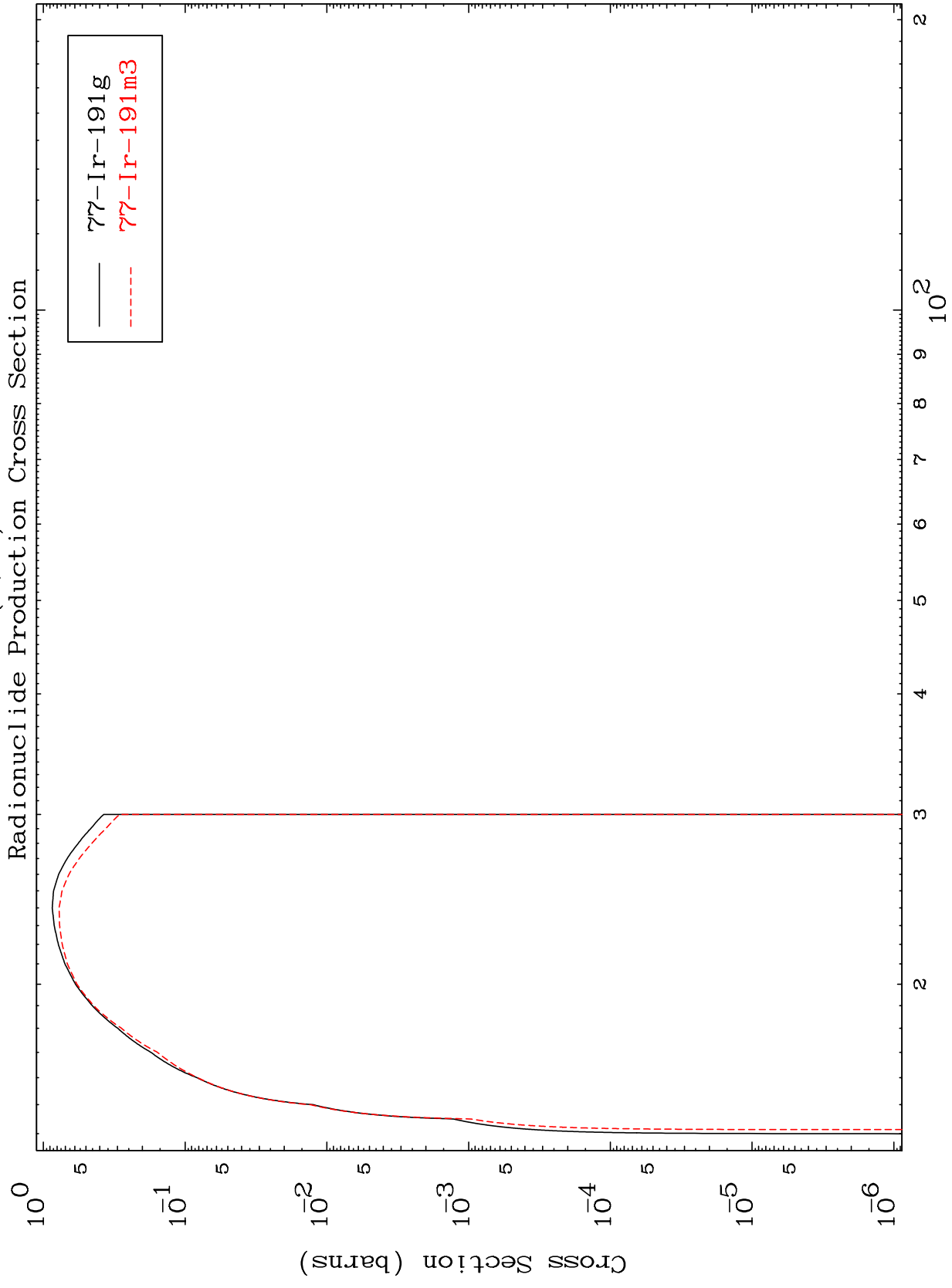
Incident Energy (MeV)

20

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(n,3n)

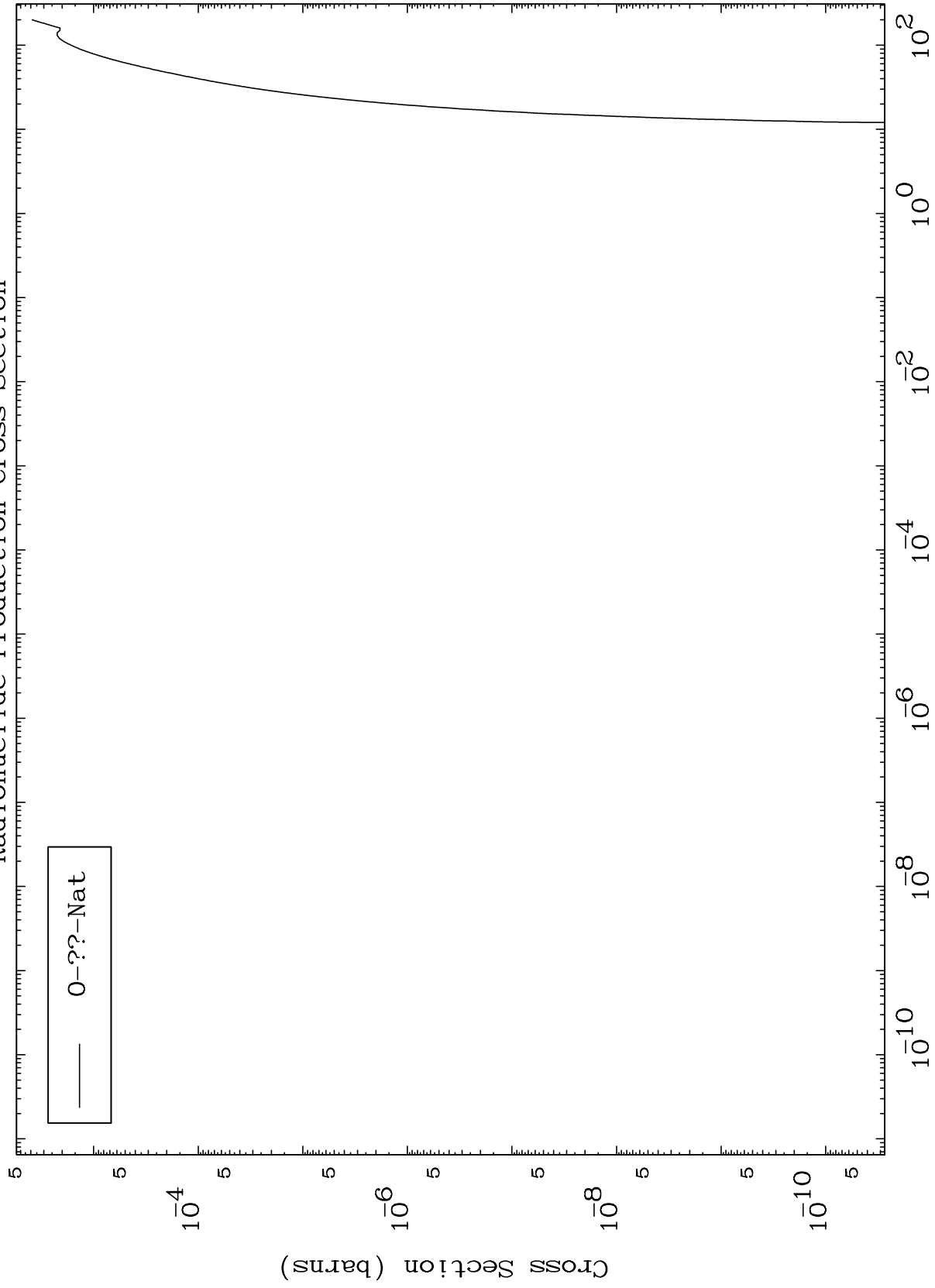
<sup>77</sup>Ir-193m



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Fission  
Radionuclide Production Cross Section

<sup>77</sup>Ir-193m



22

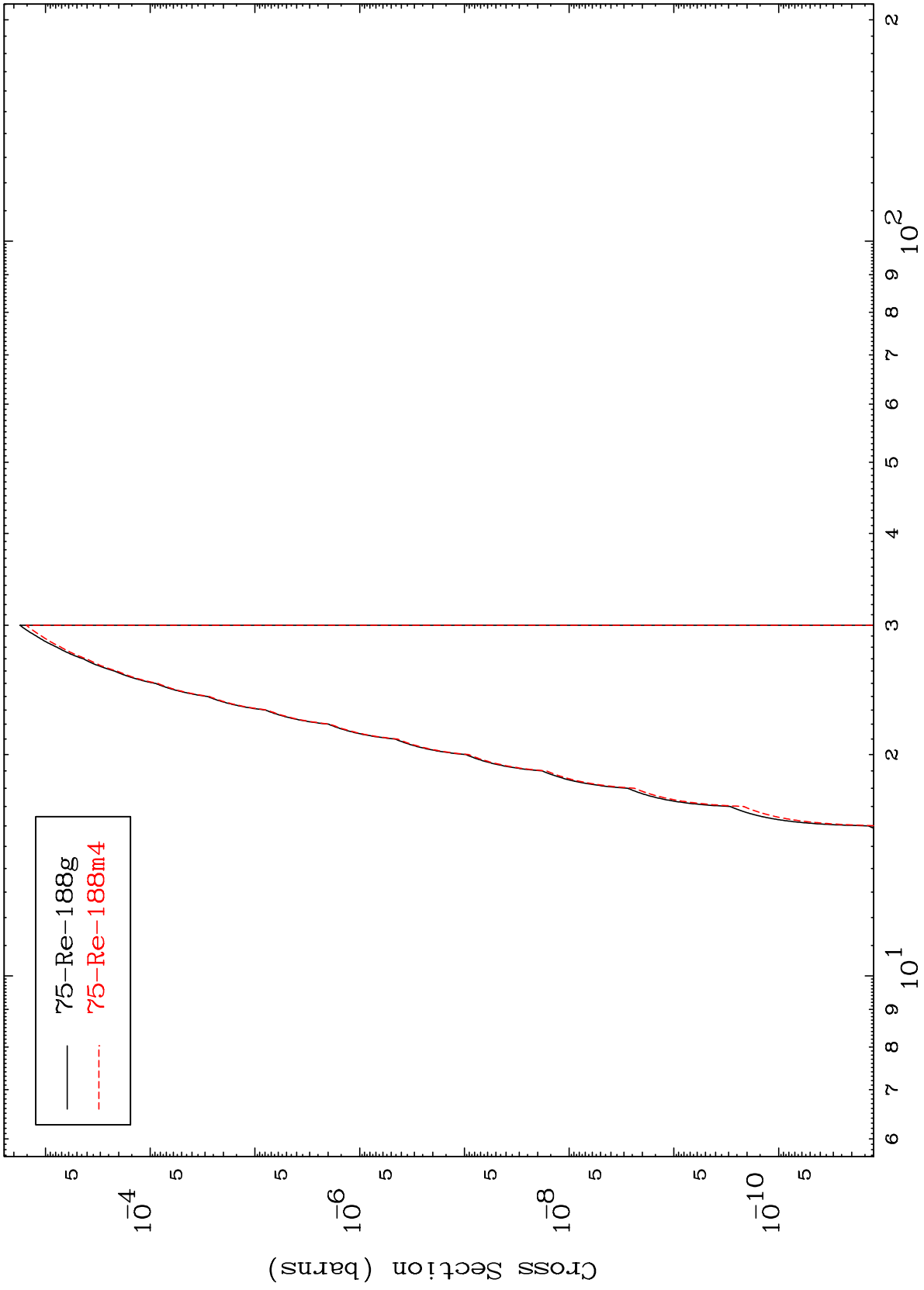
Incident Energy (MeV)

<sup>77</sup>Ir-193m

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77-Ir-193m

(n,2n)  $\alpha$   
Radionuclide Production Cross Section



23

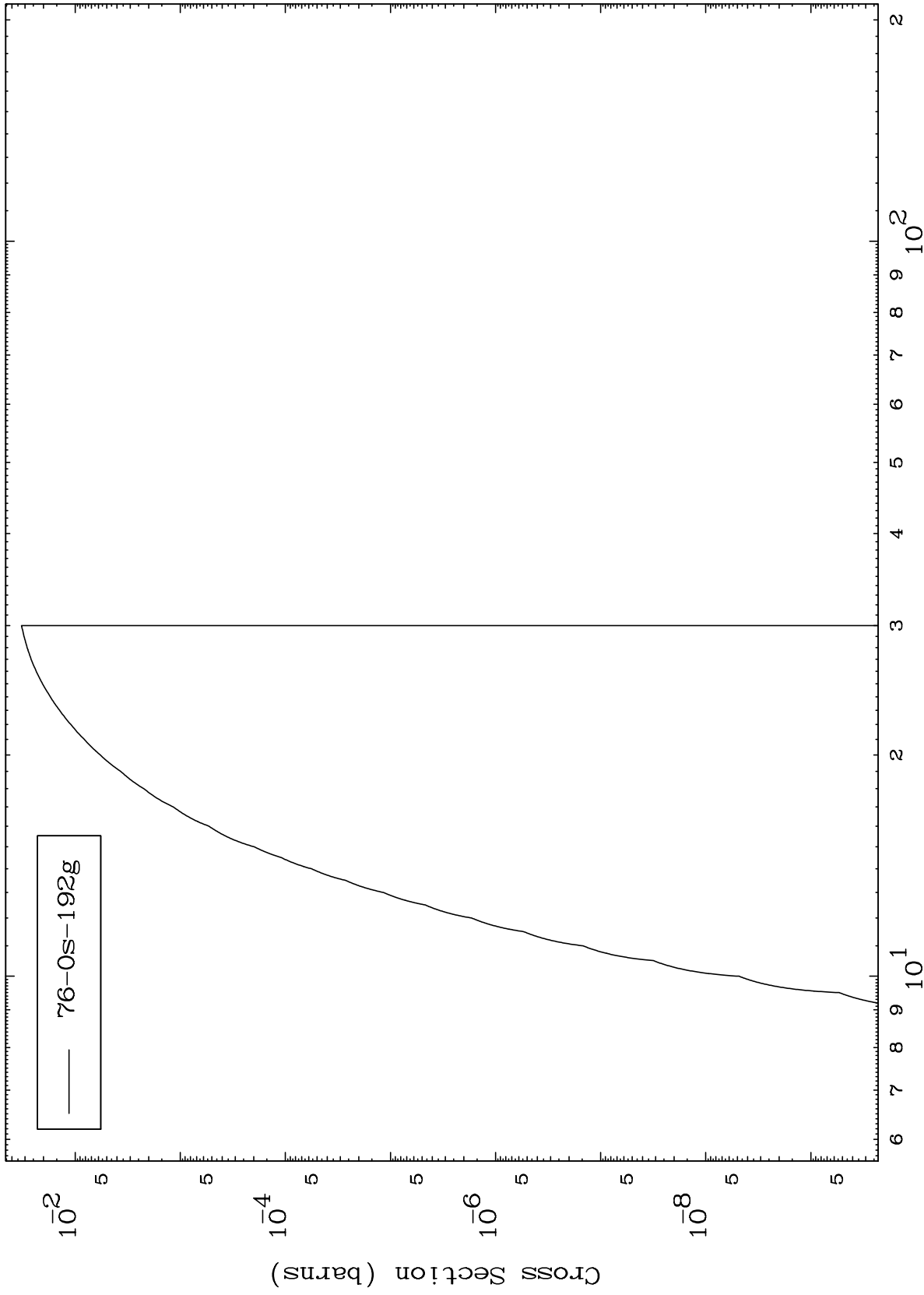
77-Ir-193m



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<sup>77</sup>Ir-193m

(n,n') p  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

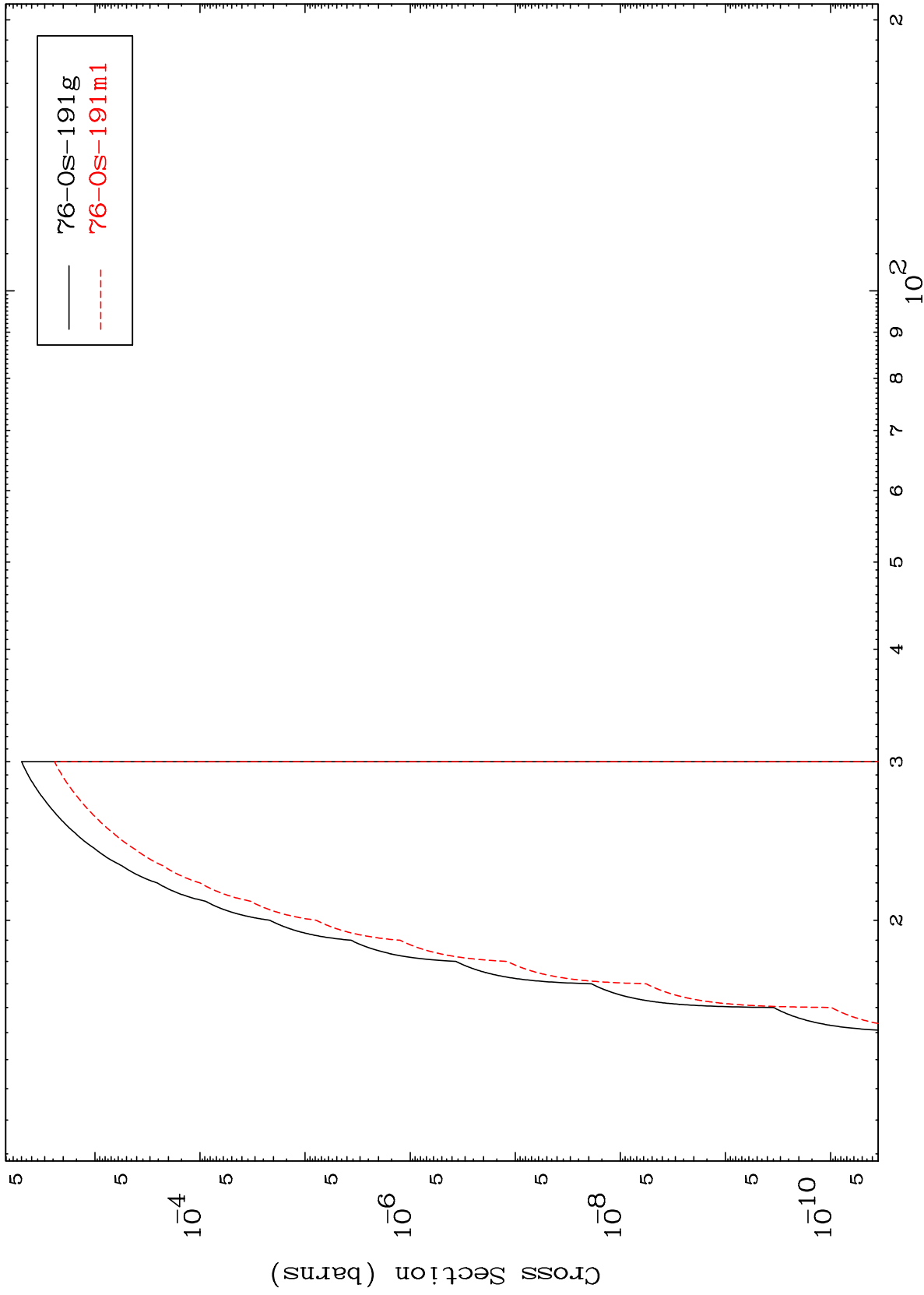
<sup>77</sup>Ir-193m

MAT 7732

(n,n') d

<sup>77</sup>Ir-193m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

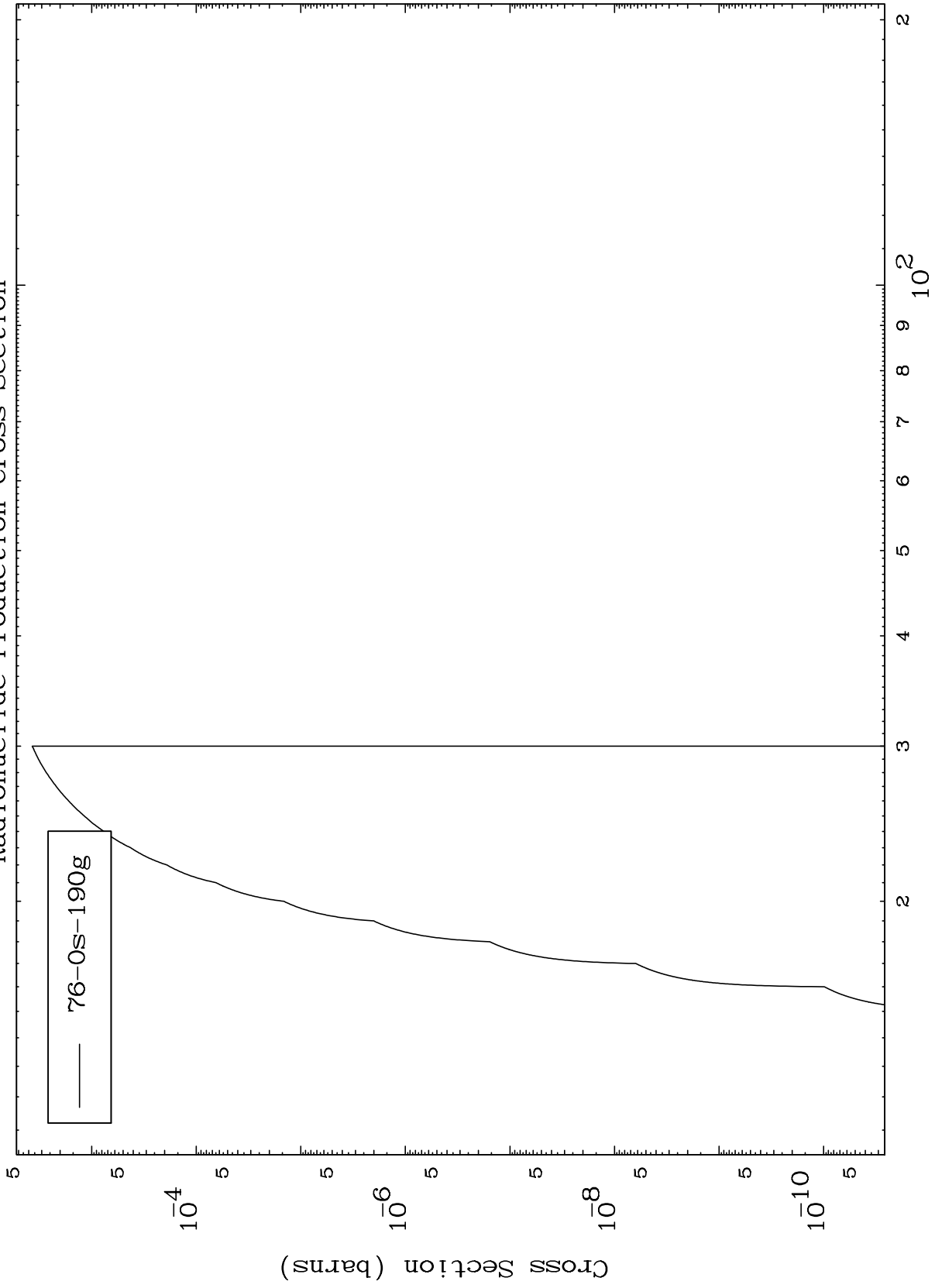
<sup>77</sup>Ir-193m

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(n,n') t

<sup>77</sup>Ir-193m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

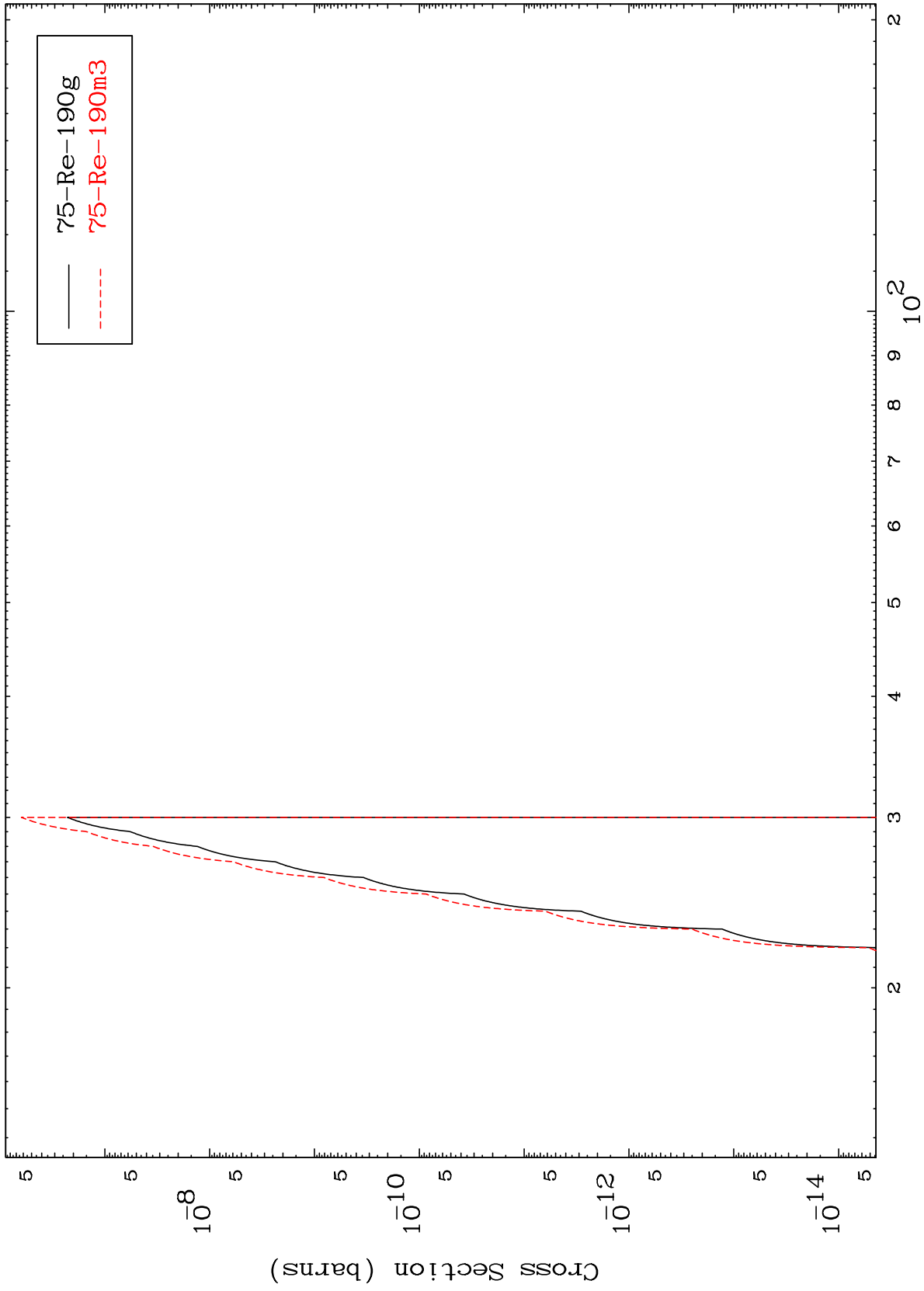
<sup>77</sup>Ir-193m

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(n, n') He-3

<sup>77</sup>Ir-193m

Radionuclide Production Cross Section



27

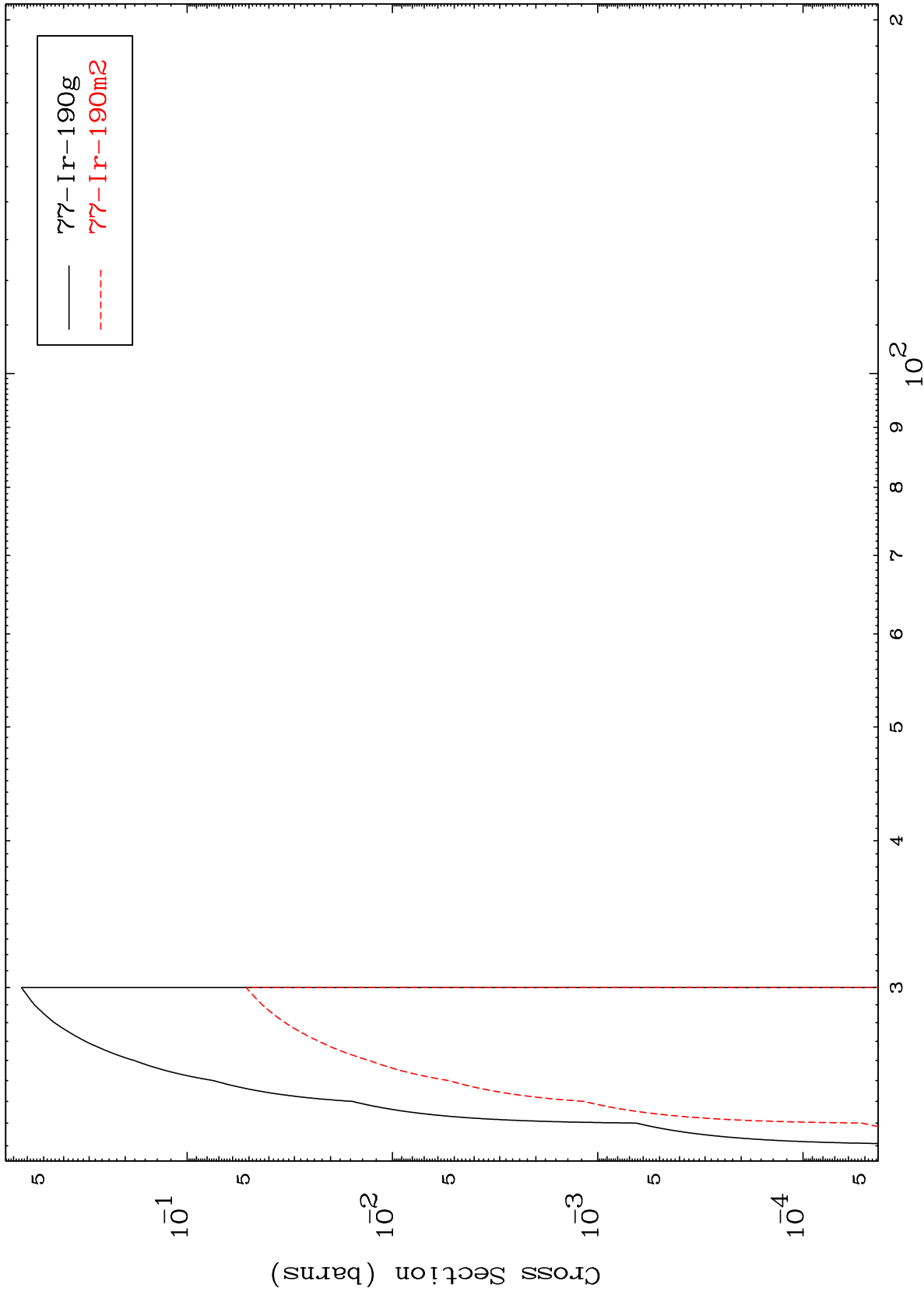
Incident Energy (MeV)

<sup>77</sup>Ir-193m

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<sup>77</sup>Ir-193m

(n,4n)  
Radionuclide Production Cross Section



28

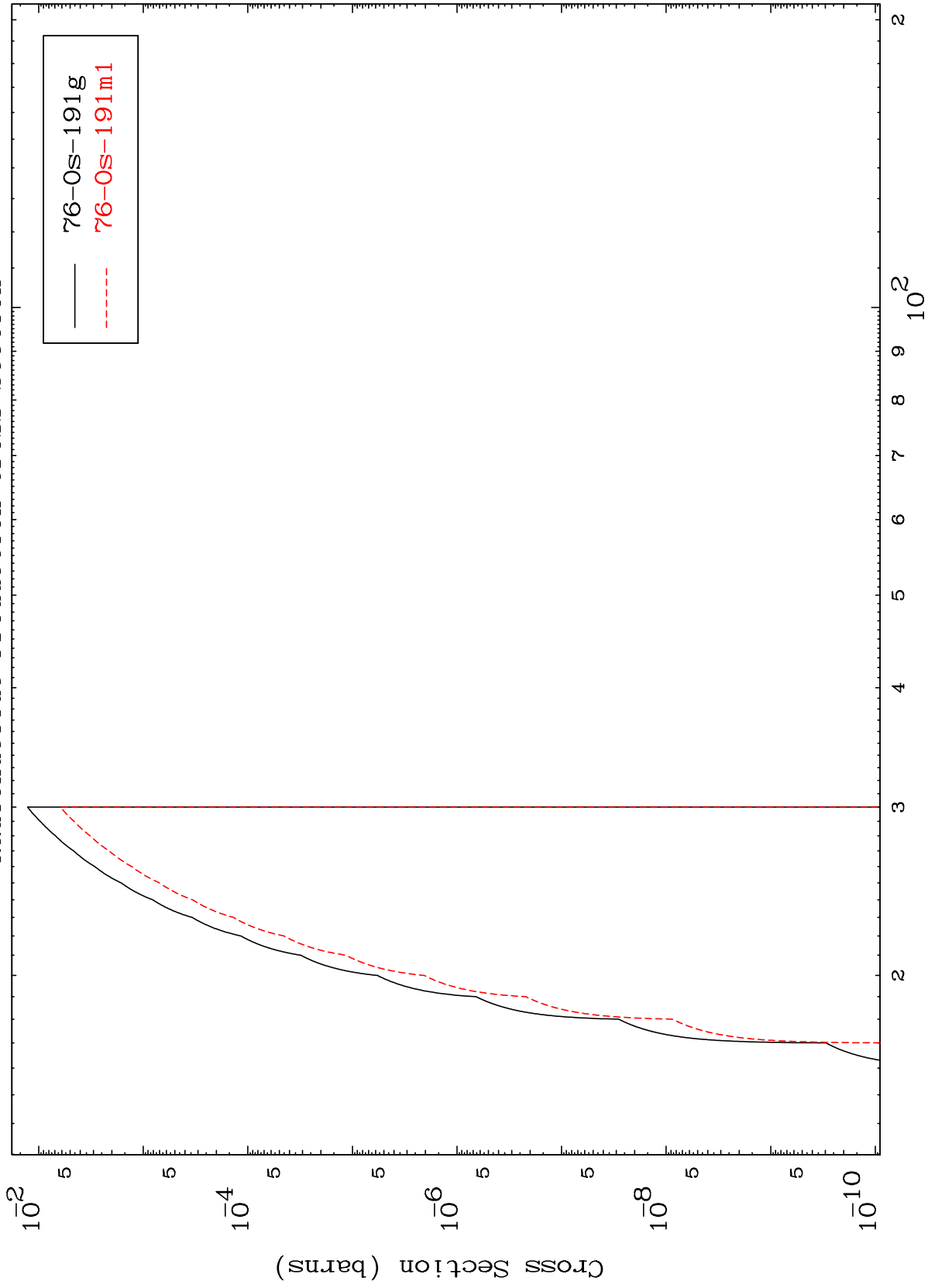
<sup>77</sup>Ir-193m

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(n,2n) p

<sup>77</sup>Ir-193m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

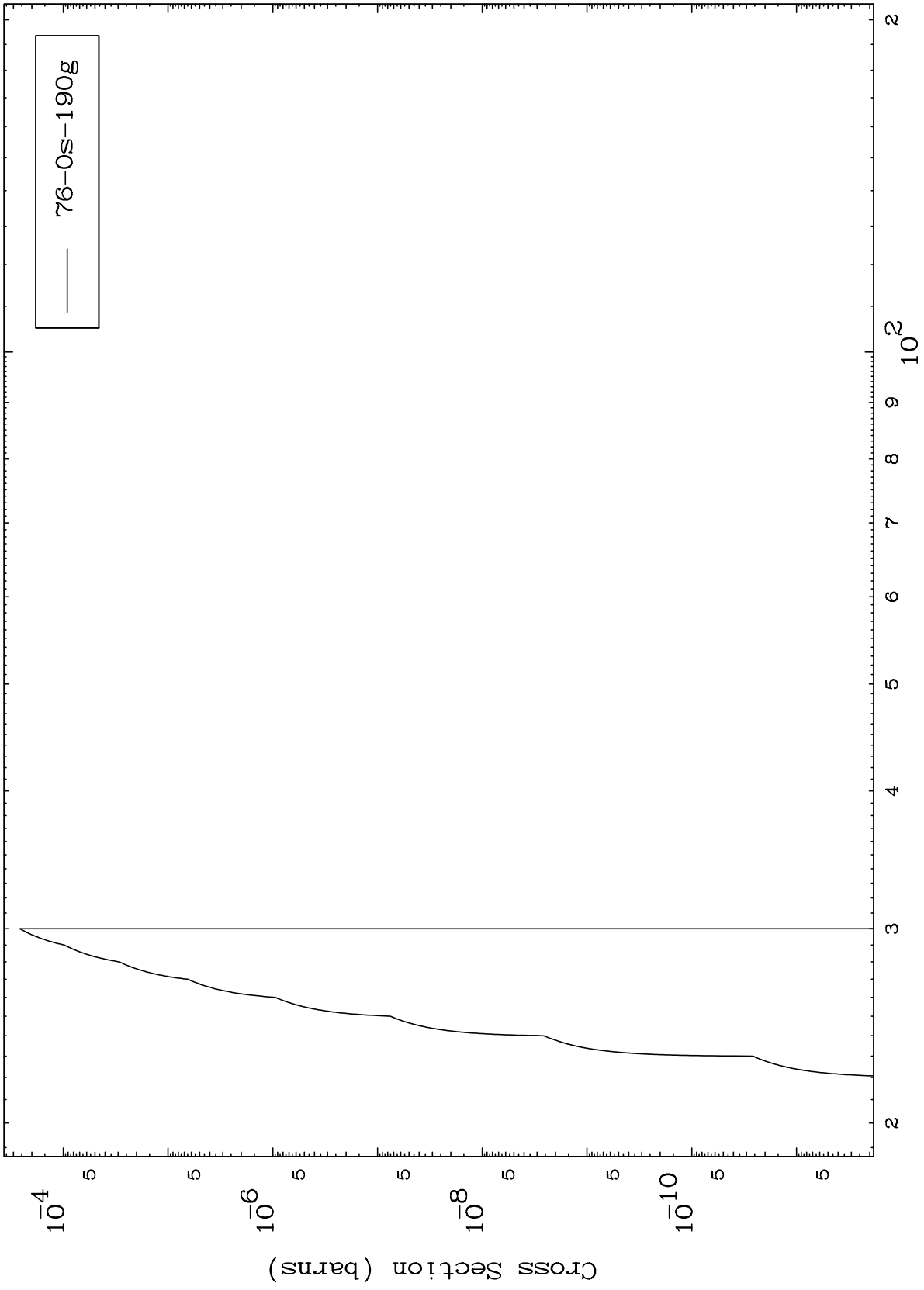
<sup>77</sup>Ir-193m

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(n,3n) p

<sup>77</sup>Ir-193m

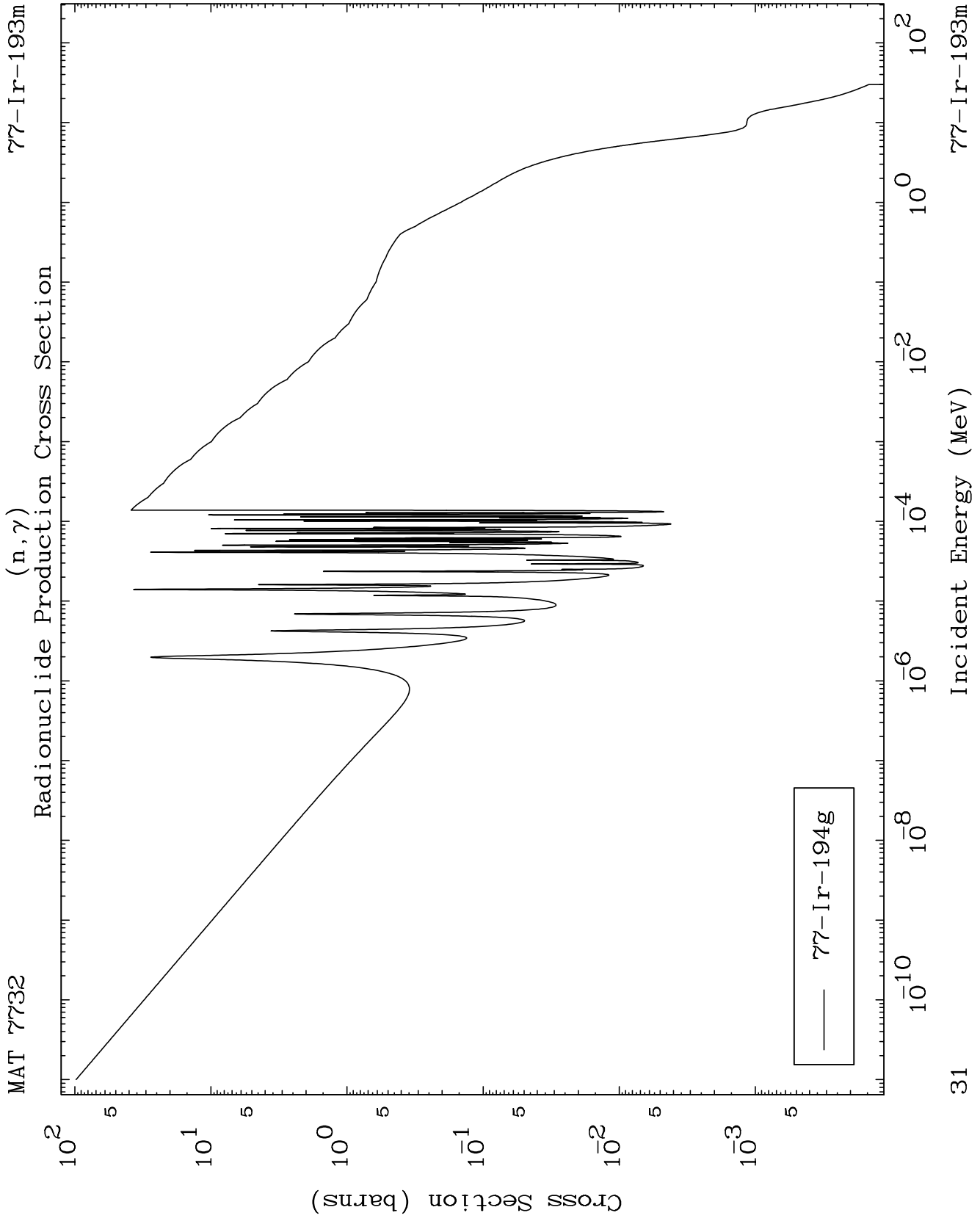
Radionuclide Production Cross Section



30

Incident Energy (MeV)

<sup>77</sup>Ir-193m



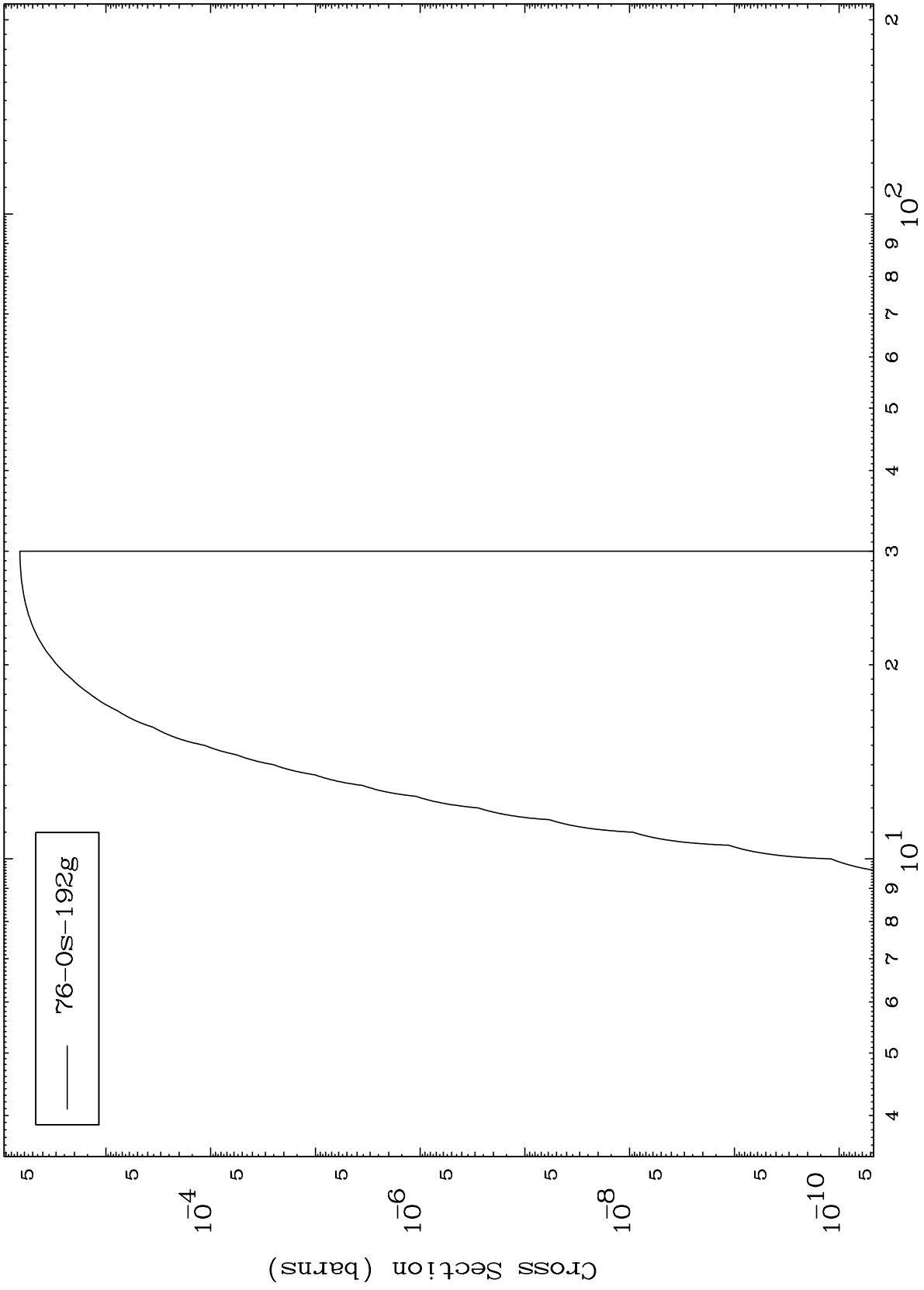


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(n,d)

<sup>77</sup>Ir-193m

Radionuclide Production Cross Section



32

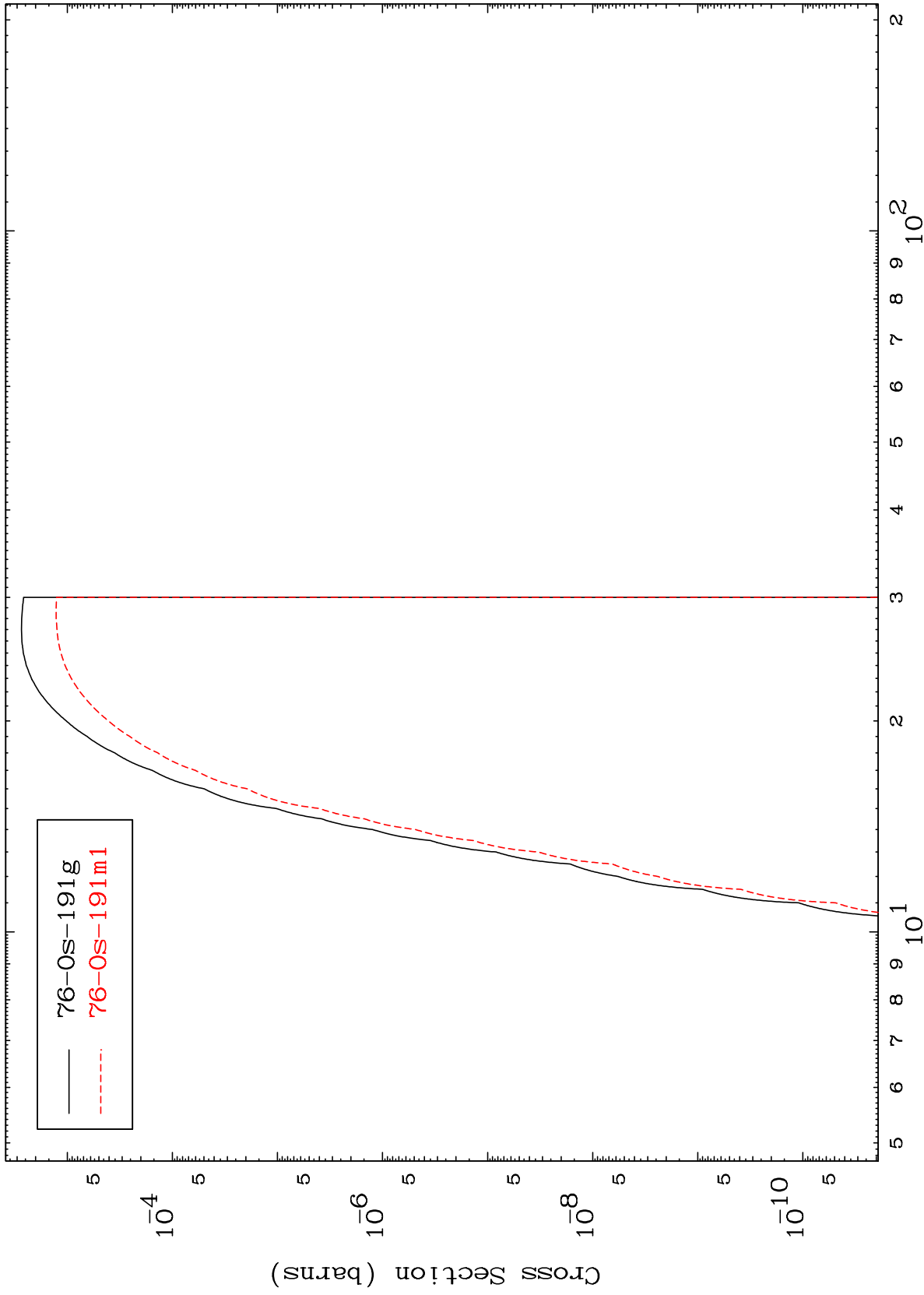
Incident Energy (MeV)

<sup>77</sup>Ir-193m

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<sup>77</sup>Ir-193m

(n, t)  
Radionuclide Production Cross Section



33

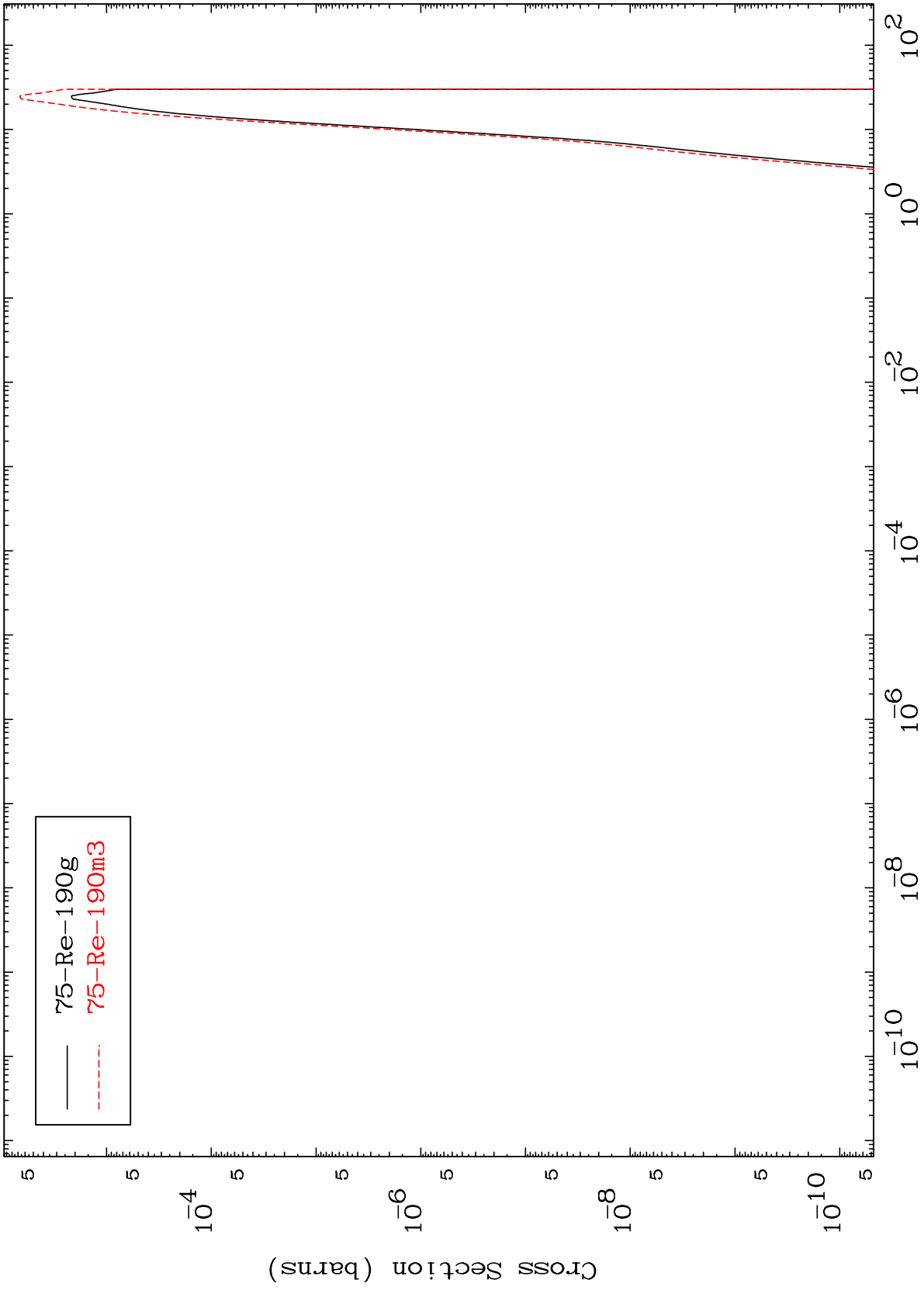
<sup>77</sup>Ir-193m

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(n,  $\alpha$ )

<sup>77</sup>Ir-193m

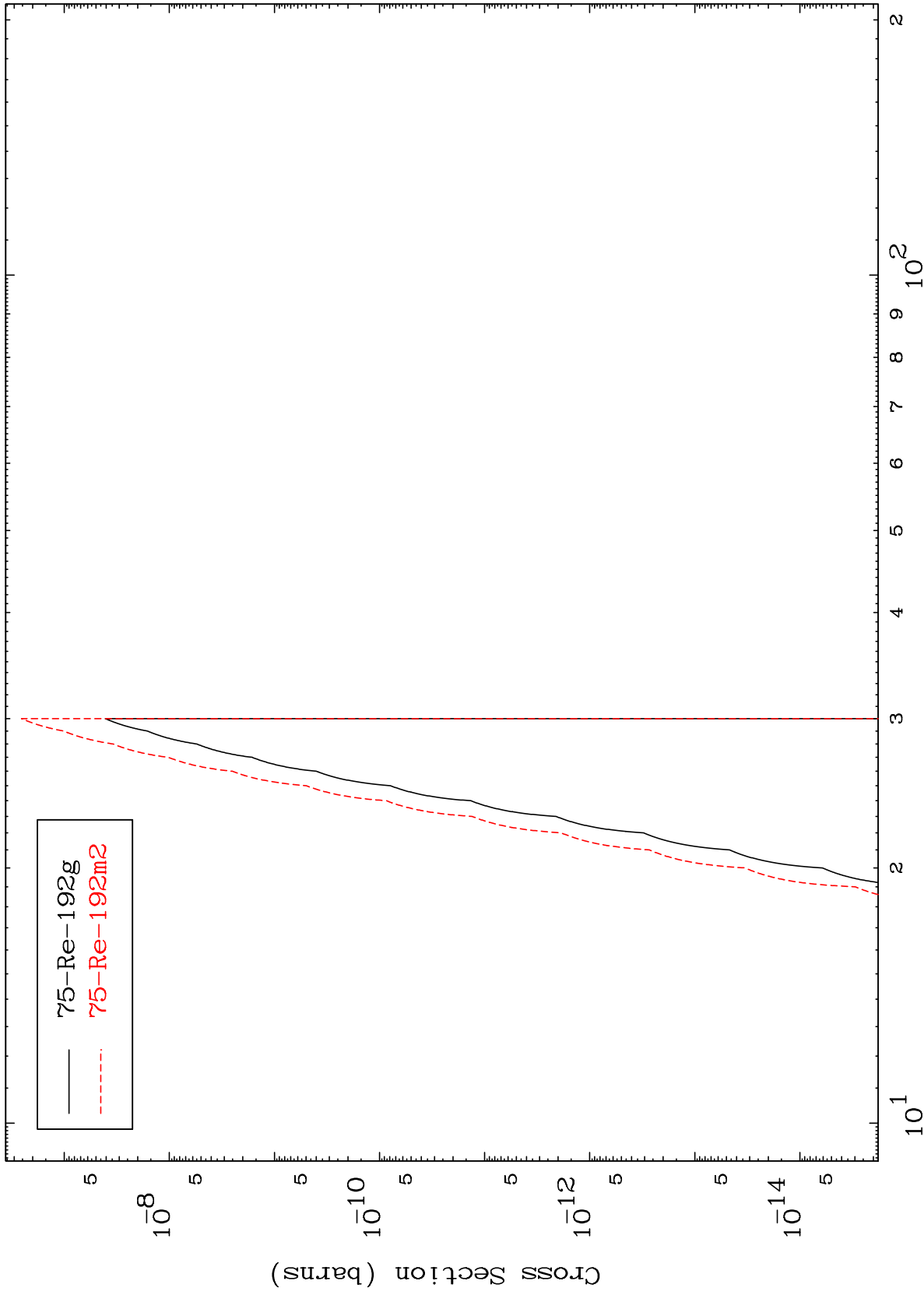
Radionuclide Production Cross Section



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77-Ir-193m

Radionuclide Production Cross Section (n,2p)



35

Incident Energy (MeV)

77-Ir-193m