

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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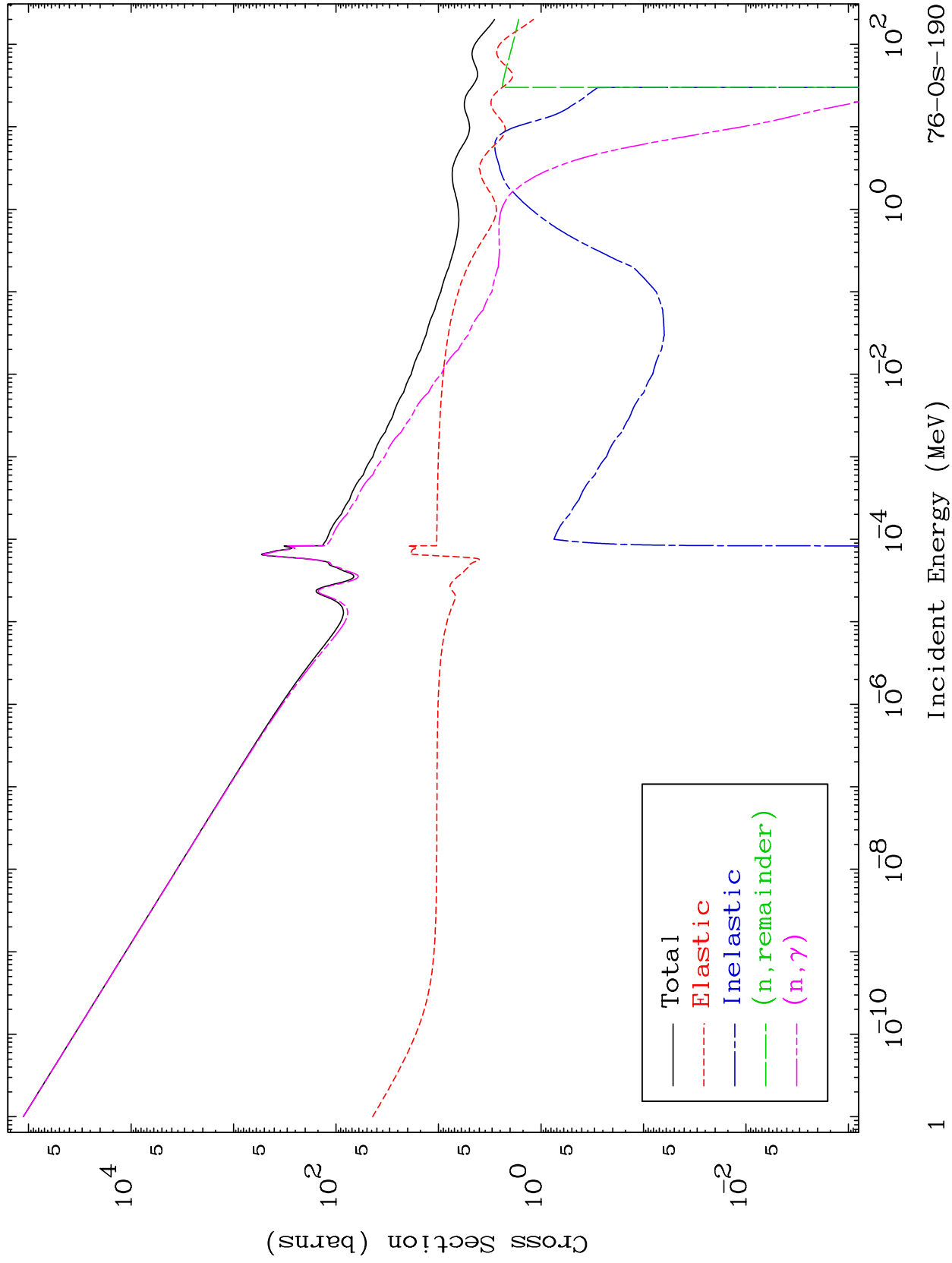
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7644

Major  
293 Kelvin Cross Sections

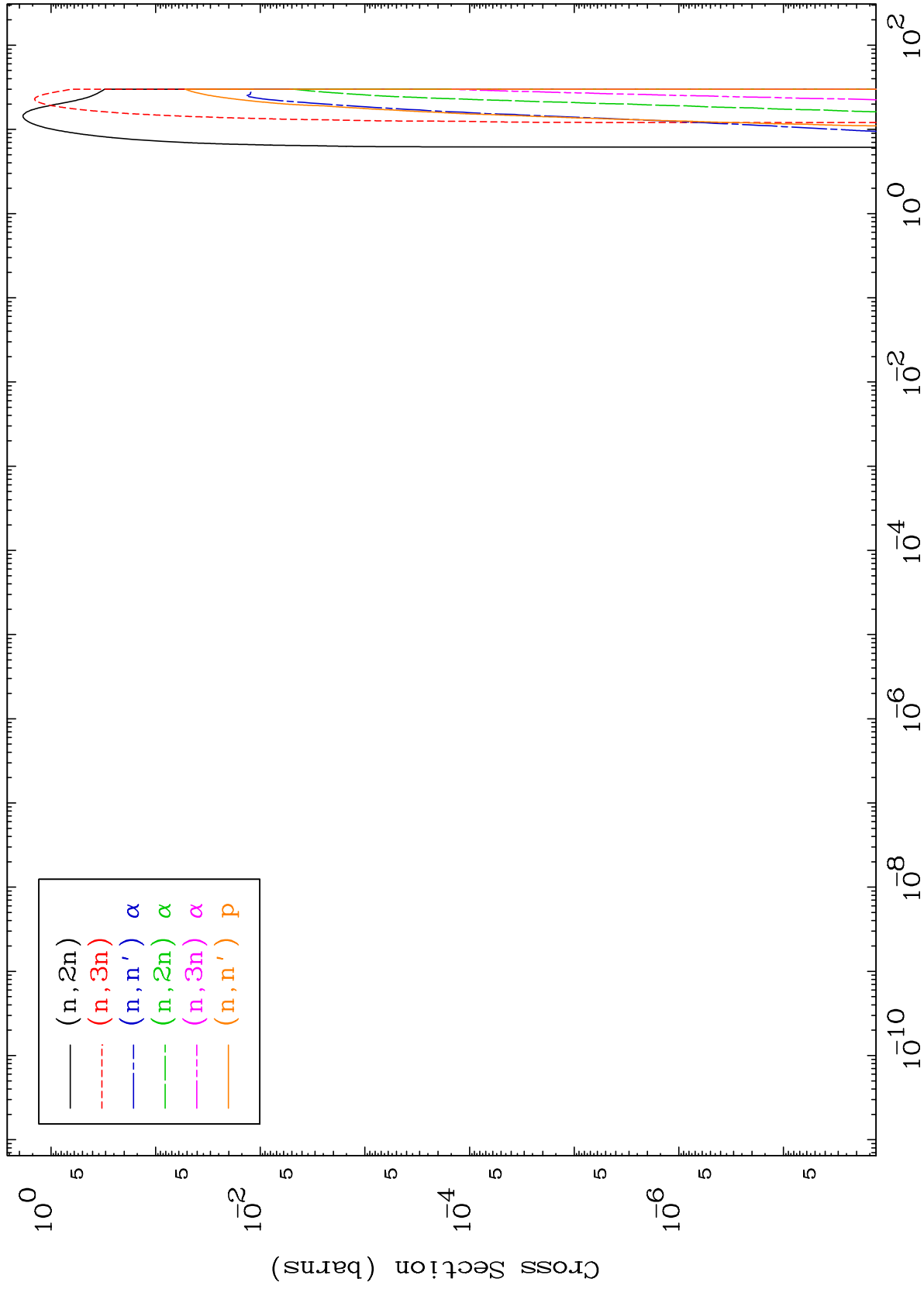
76-Os-190



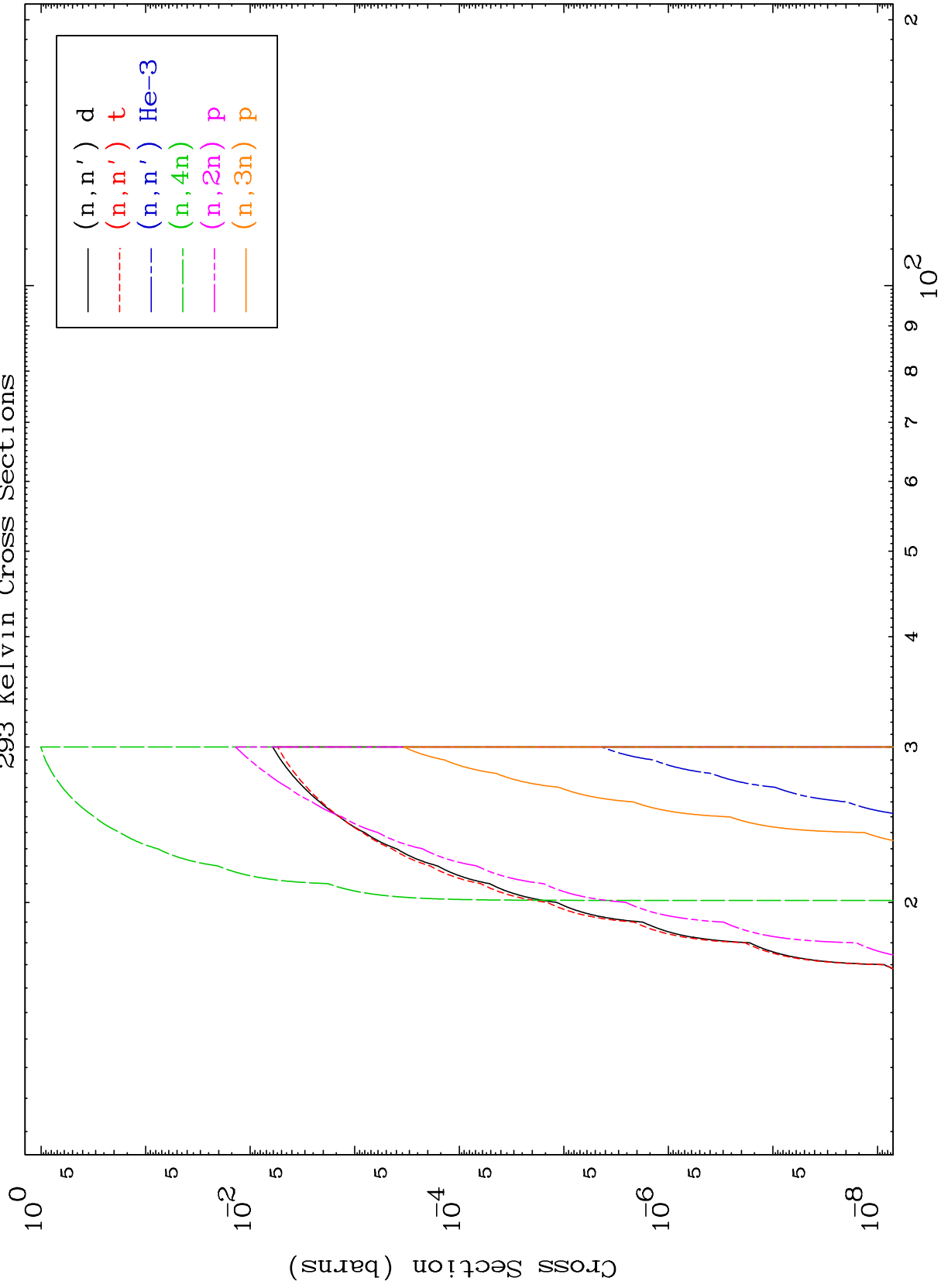
MAT 7644

Neutron Production  
293 Kelvin Cross Sections

76-Os-190



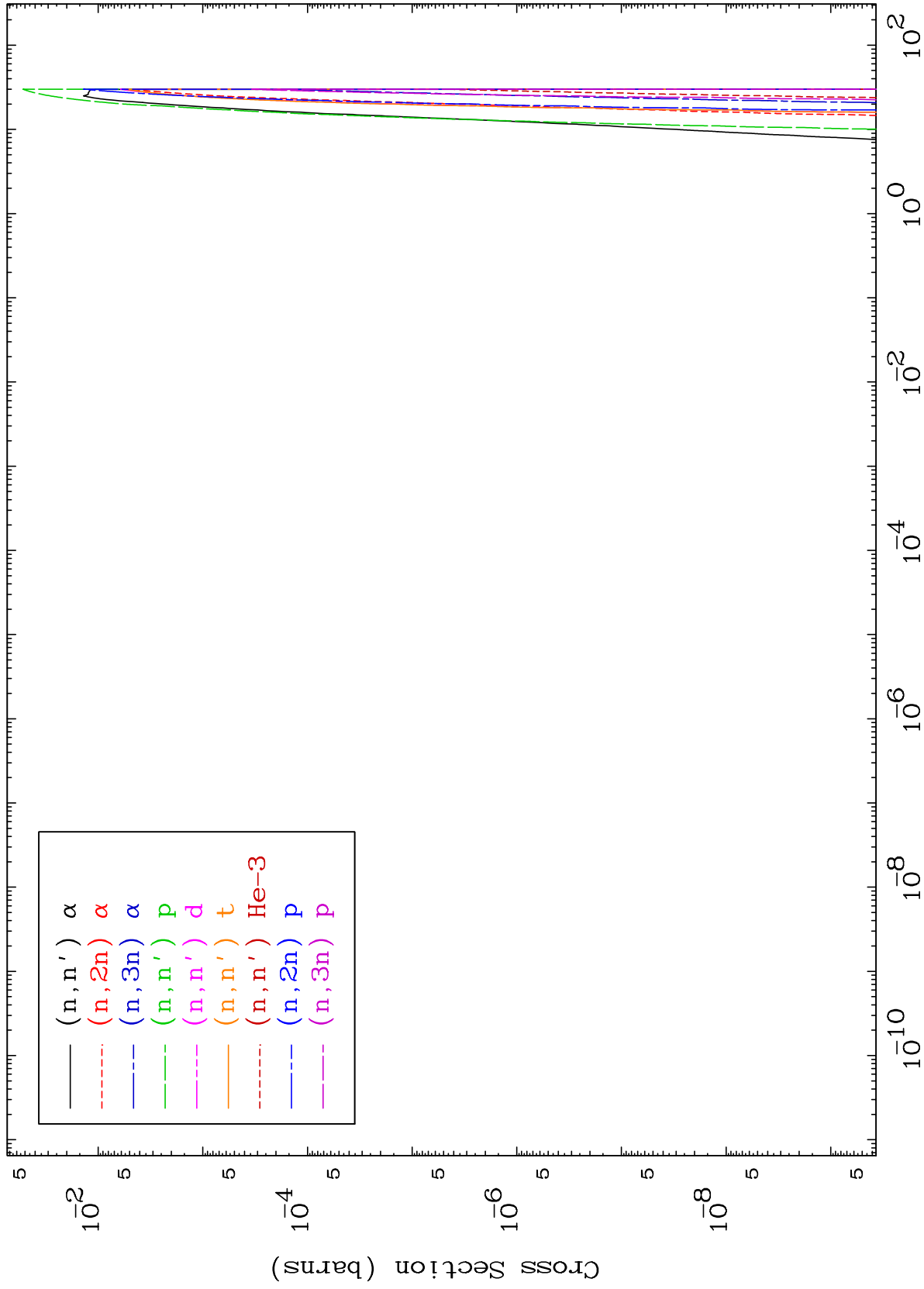
76-Os-190



MAT 7644

293 Kelvin Cross Sections

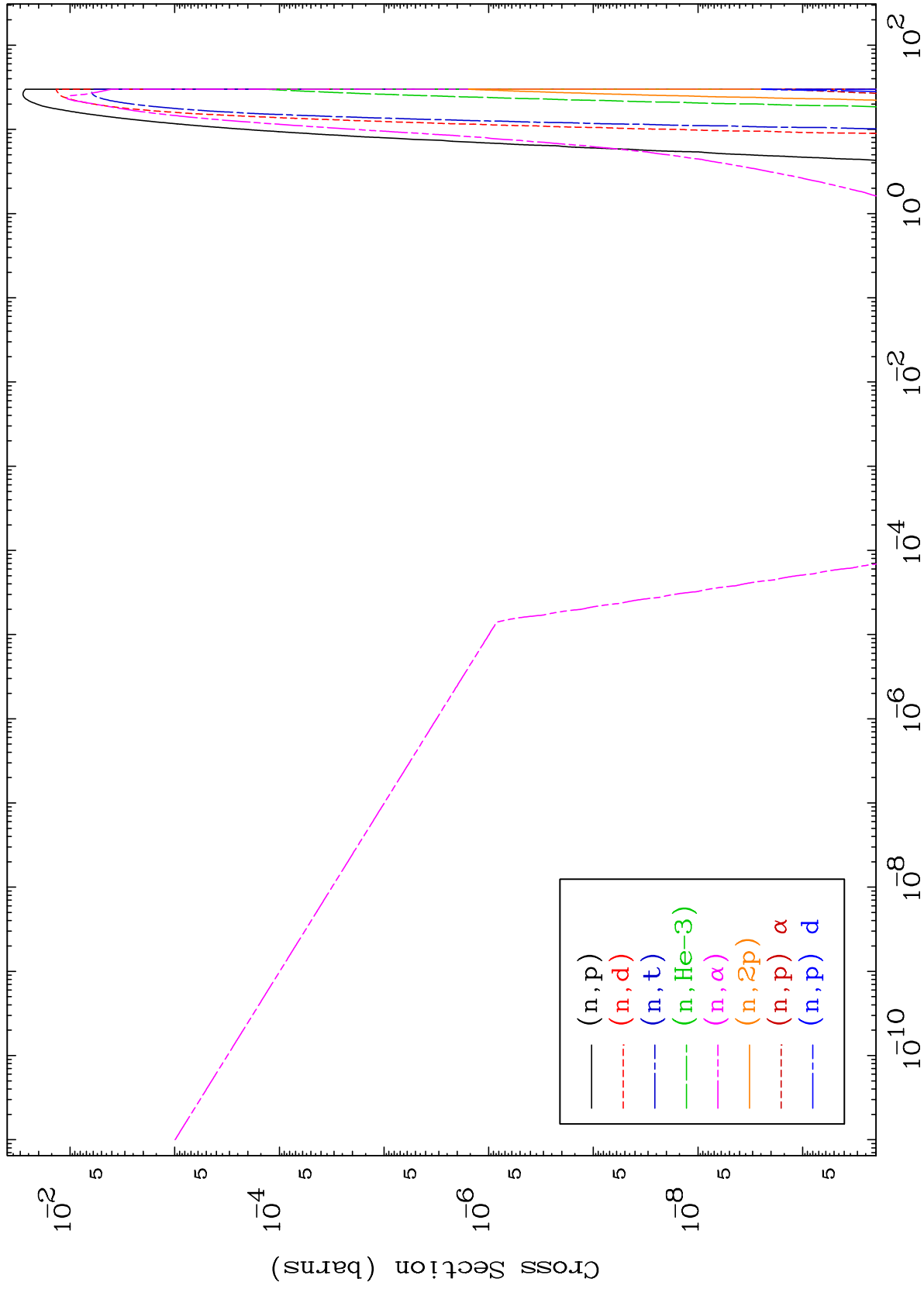
76-Os-190



MAT 7644

293 Kelvin Cross Sections

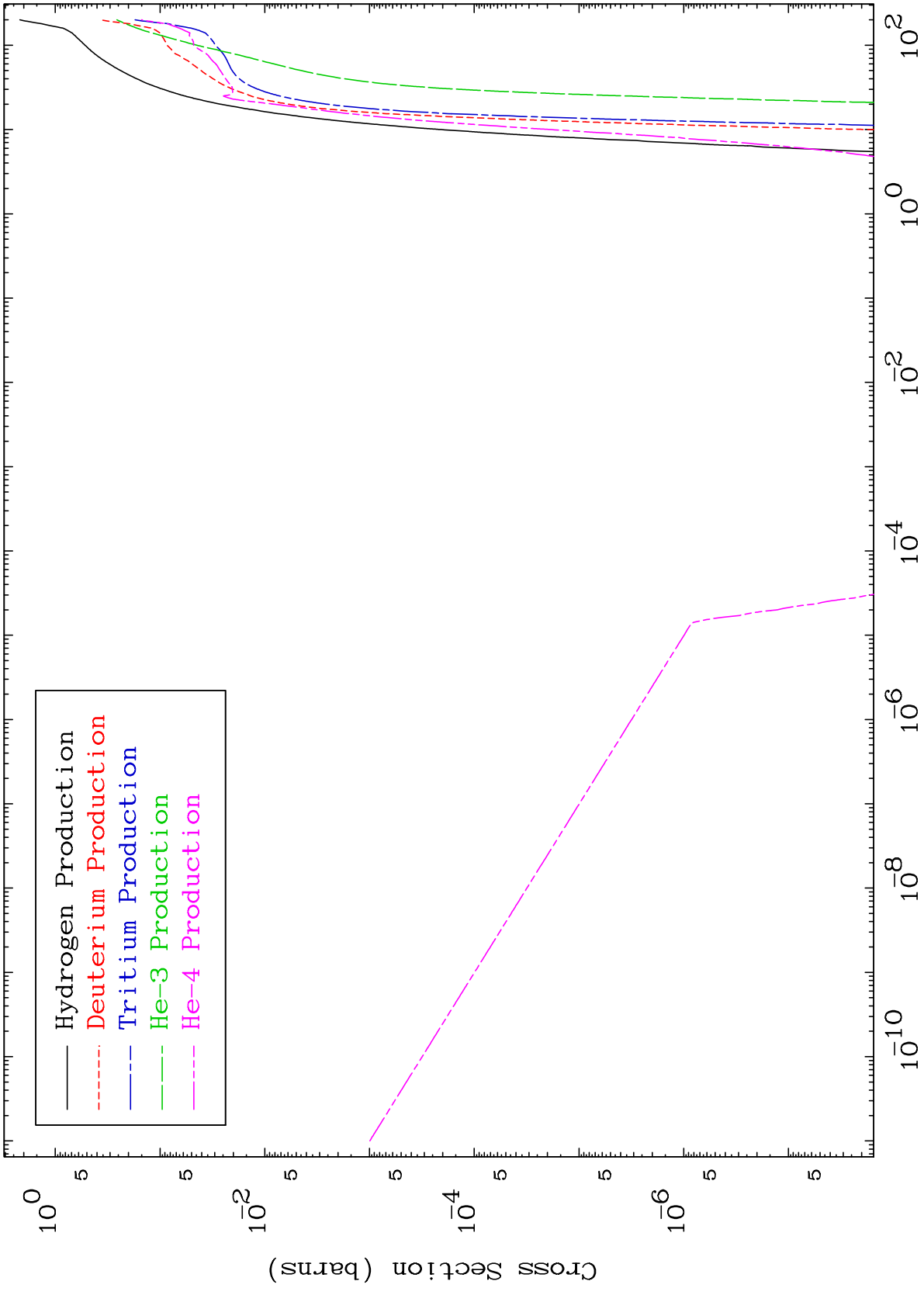
76-Os-190



MAT 7644

Particle Production  
293 Kelvin Cross Sections

76-Os-190



6

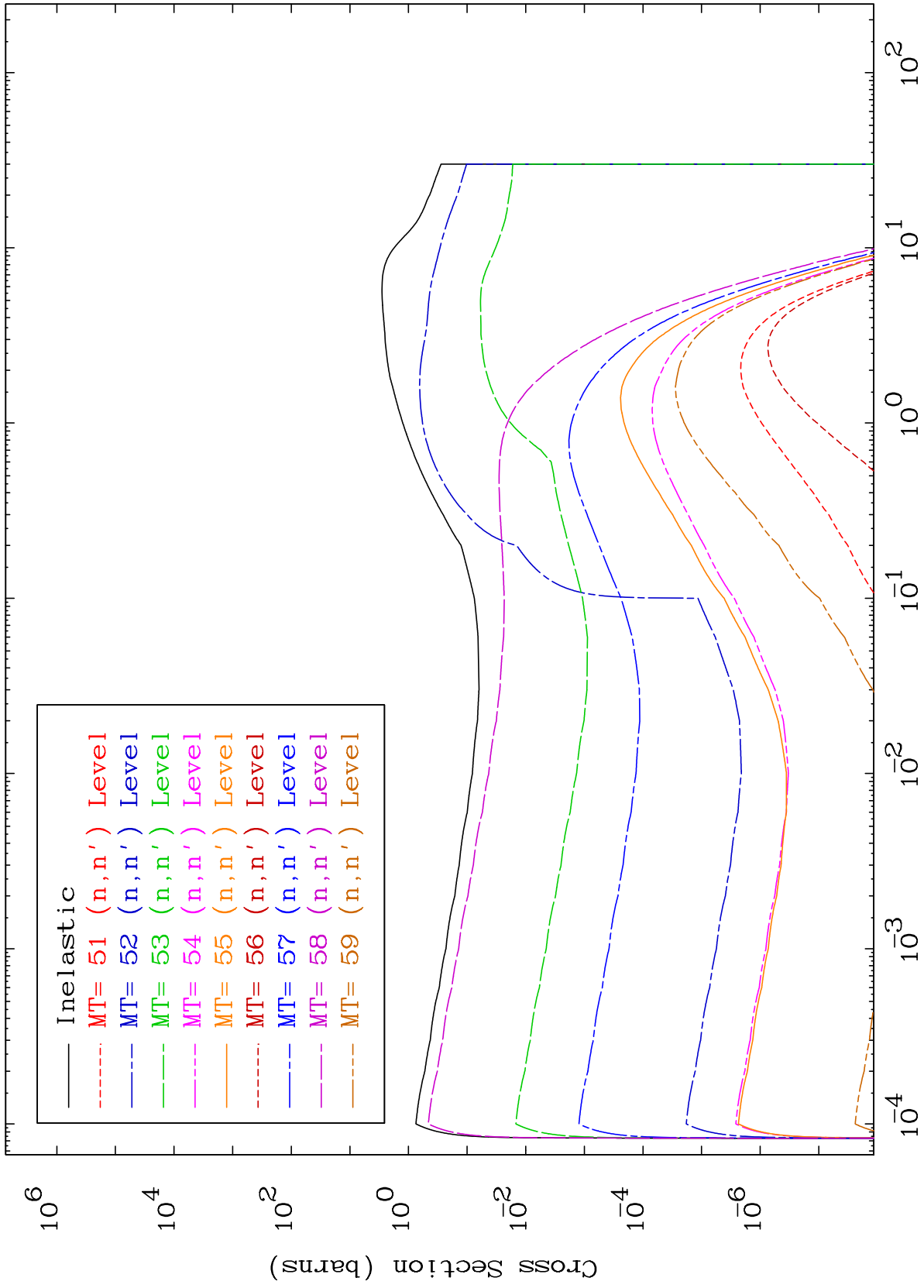
Incident Energy (MeV)

76-Os-190

MAT 7644

293 Kelvin Cross Sections

76-Os-190

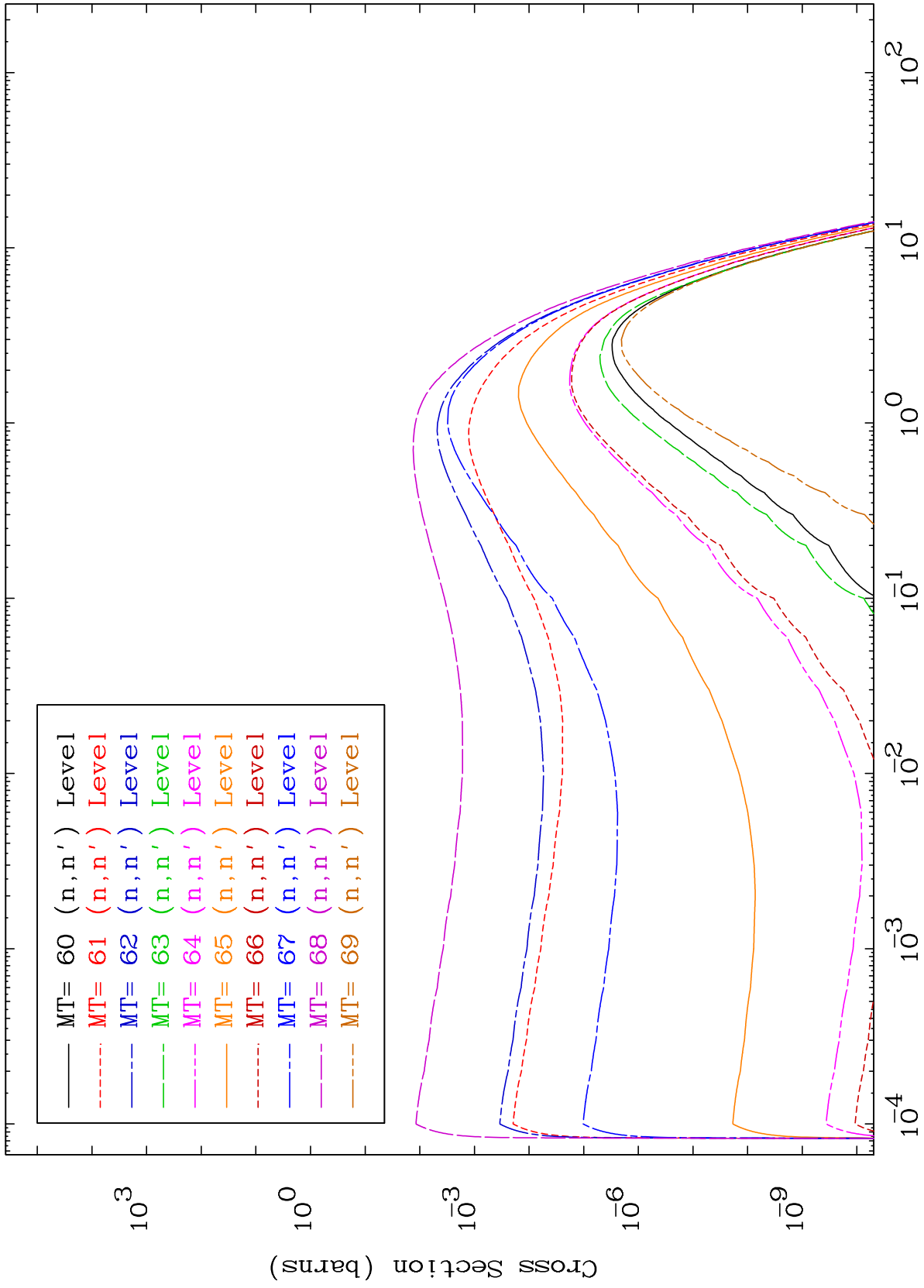




MAT 7644

293 Kelvin Cross Sections

76-Os-190



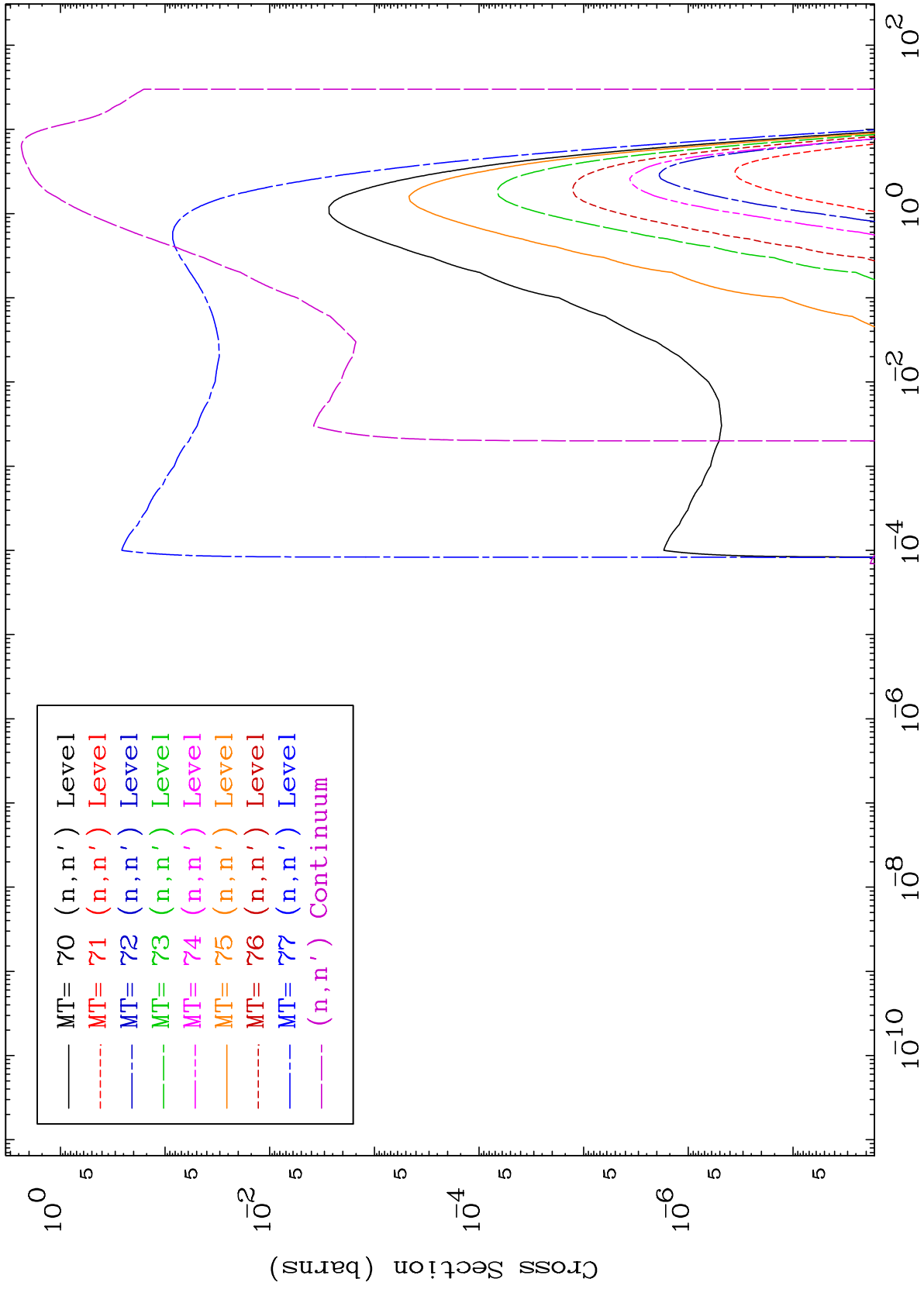
8

76-Os-190

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293 Kelvin Cross Sections

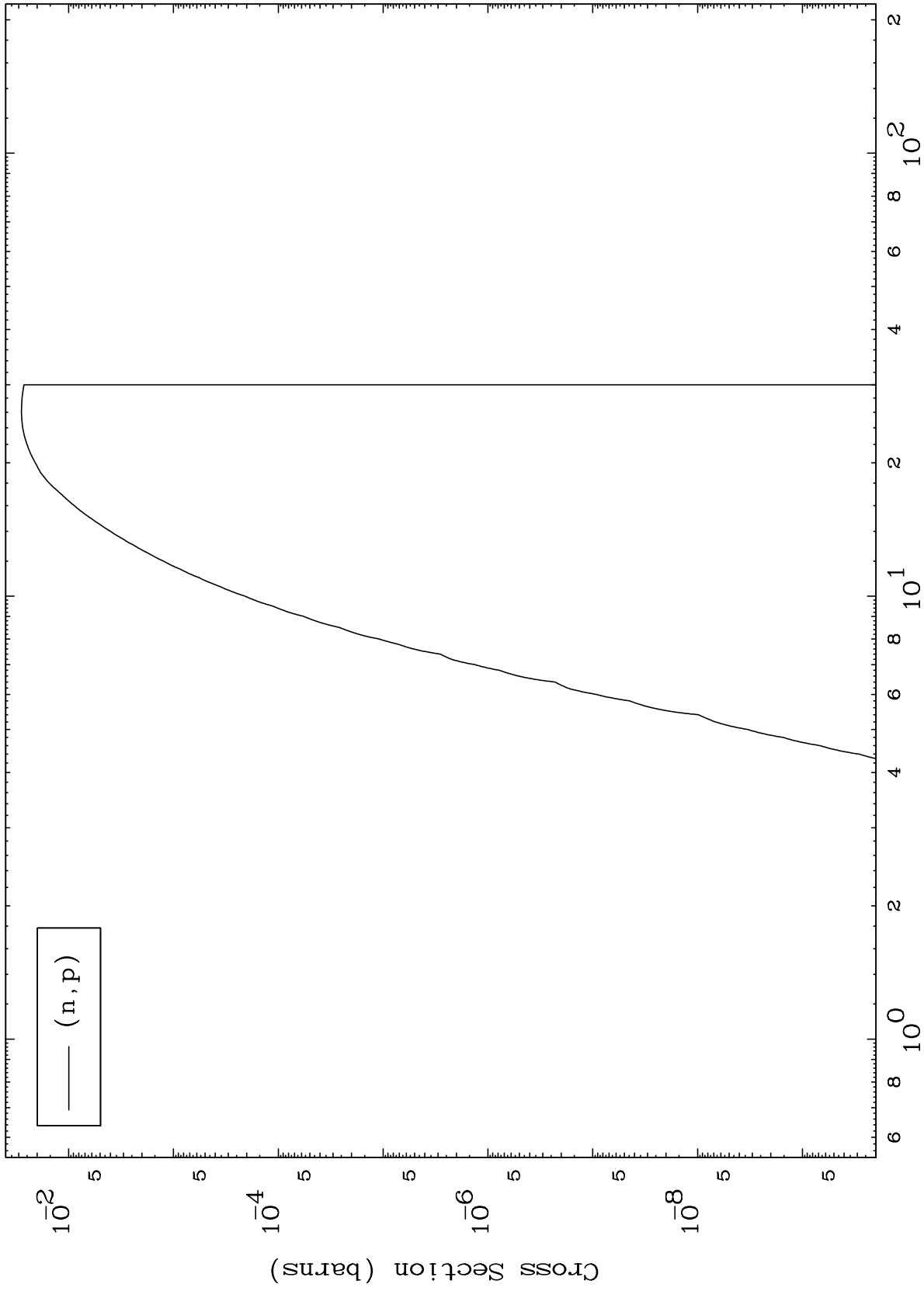
76-Os-190



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(n,p) Levels  
293 Kelvin Cross Sections

76-Os-190



10

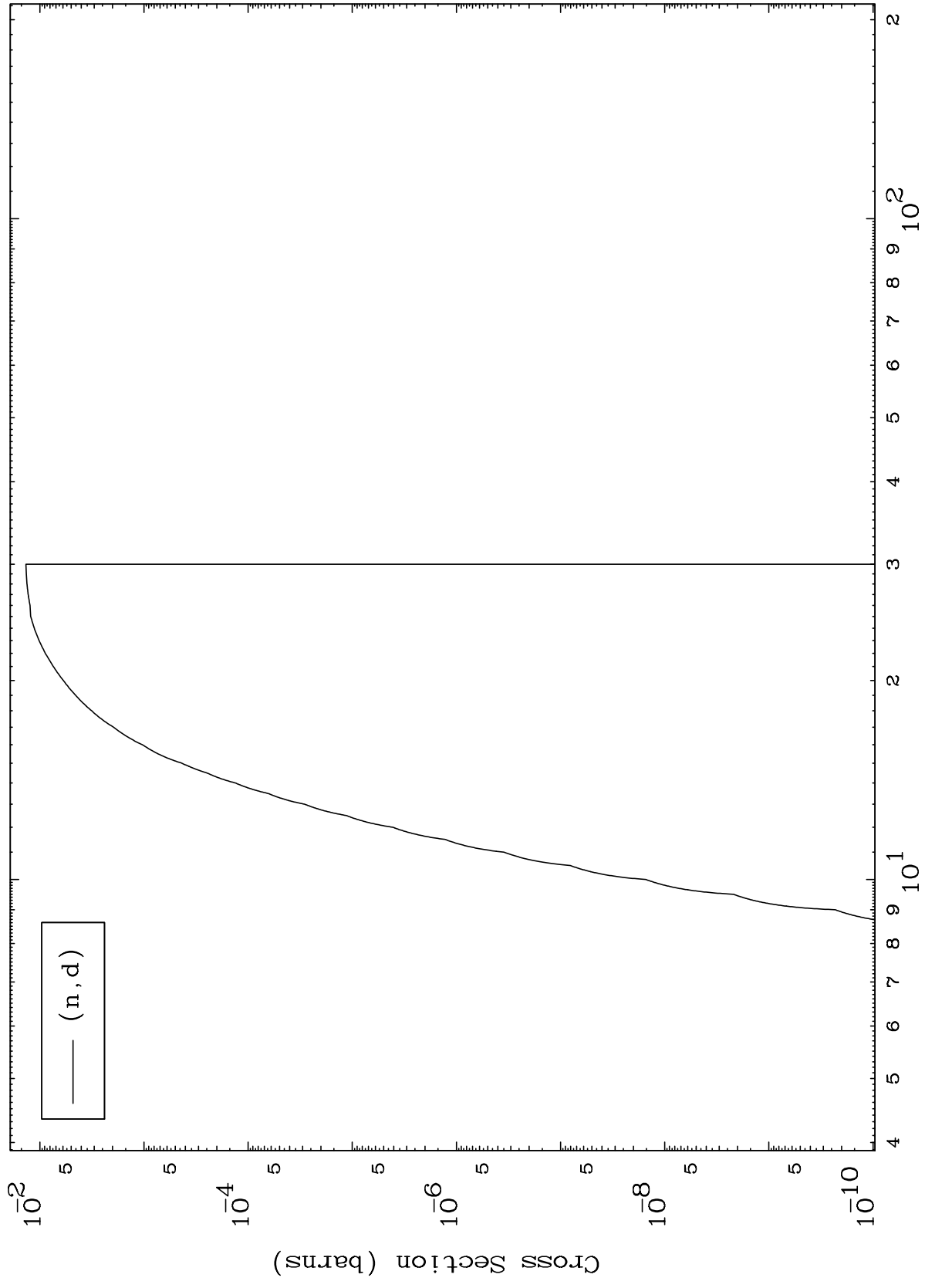
Incident Energy (MeV)

76-Os-190

MAT 7644

(n,d) Levels  
293 Kelvin Cross Sections

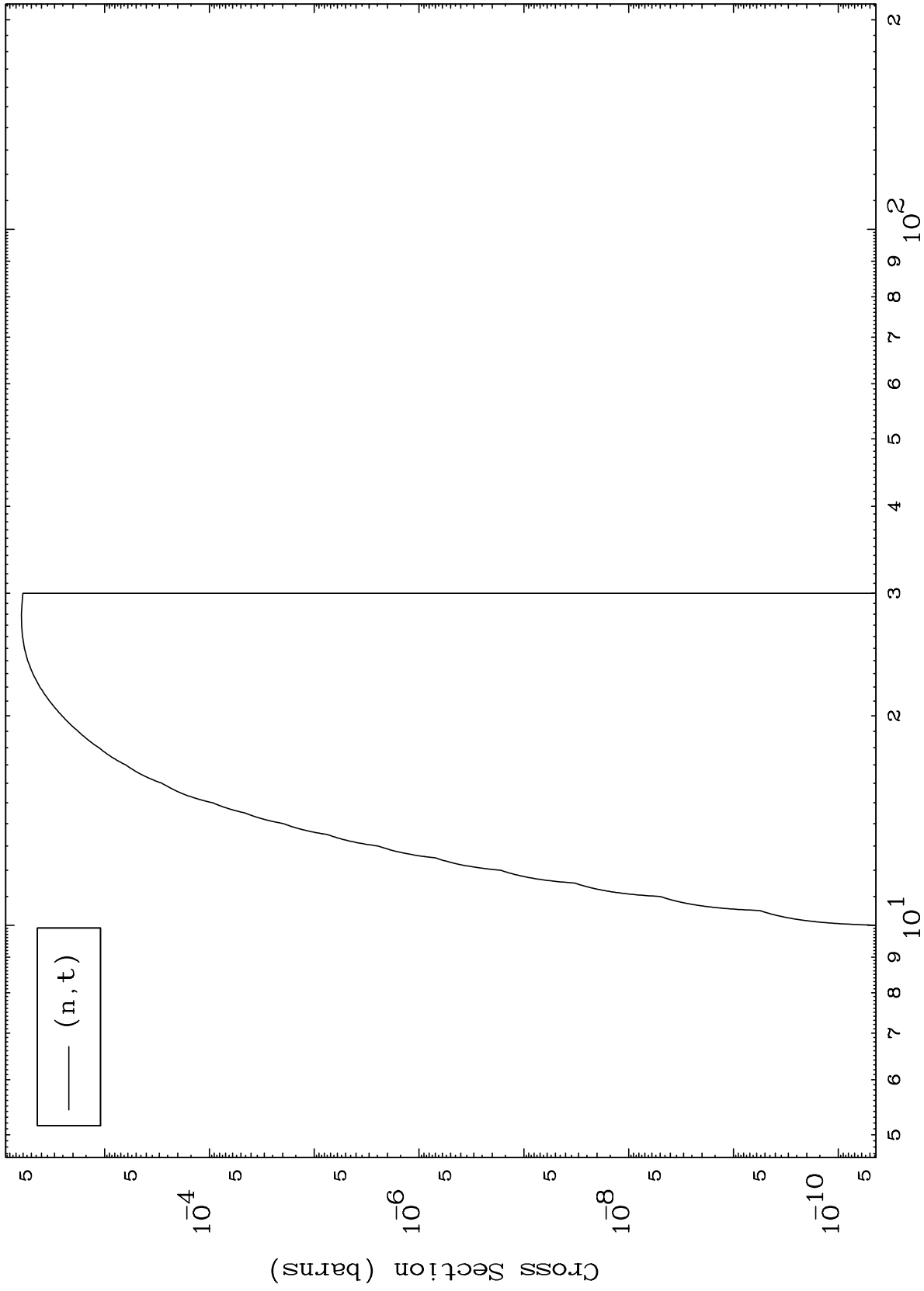
76-Os-190



MAT 7644

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-190



12

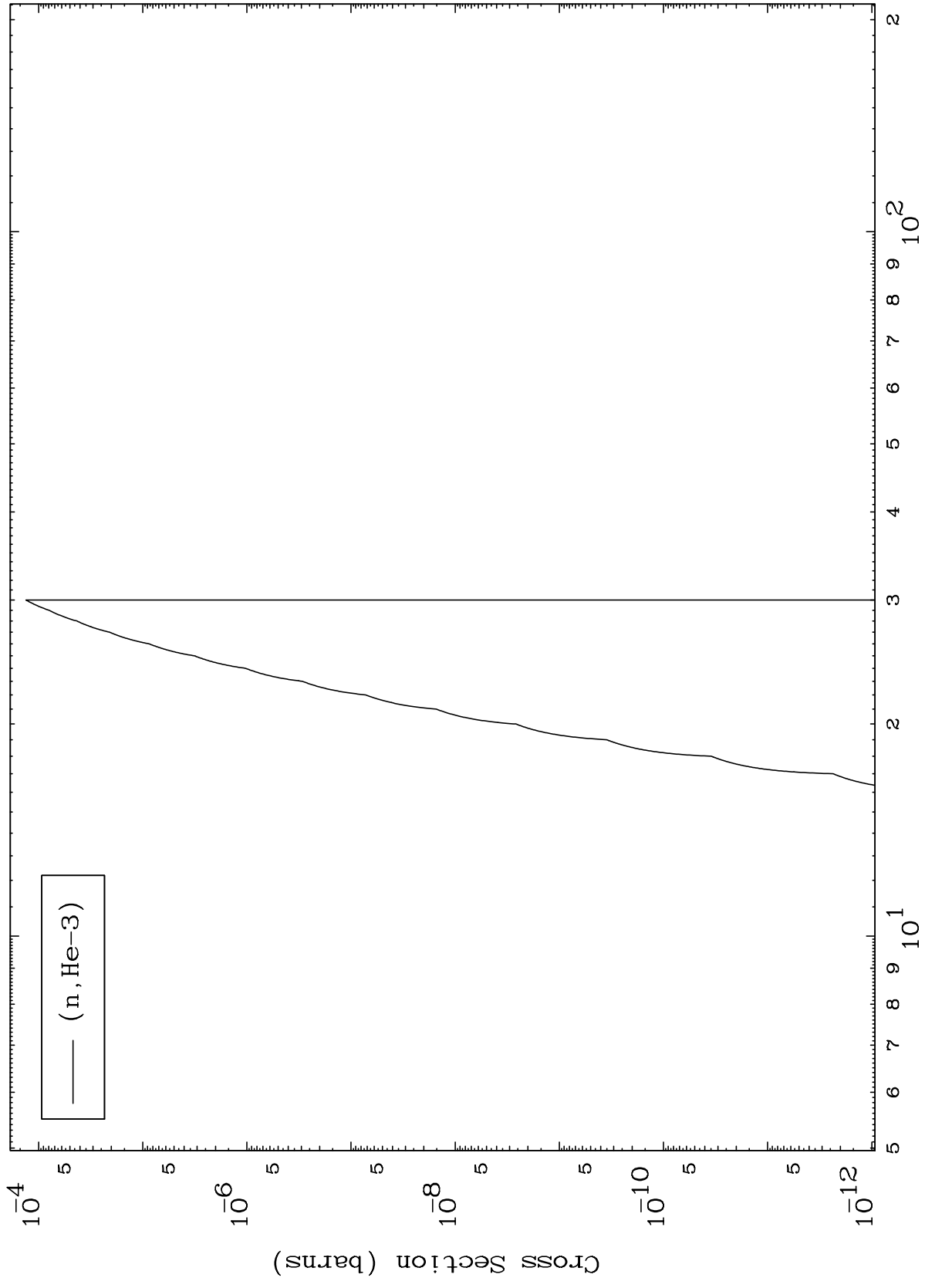
Incident Energy (MeV)

76-Os-190

MAT 7644

(n,He3) Levels  
293 Kelvin Cross Sections

76-Os-190



13

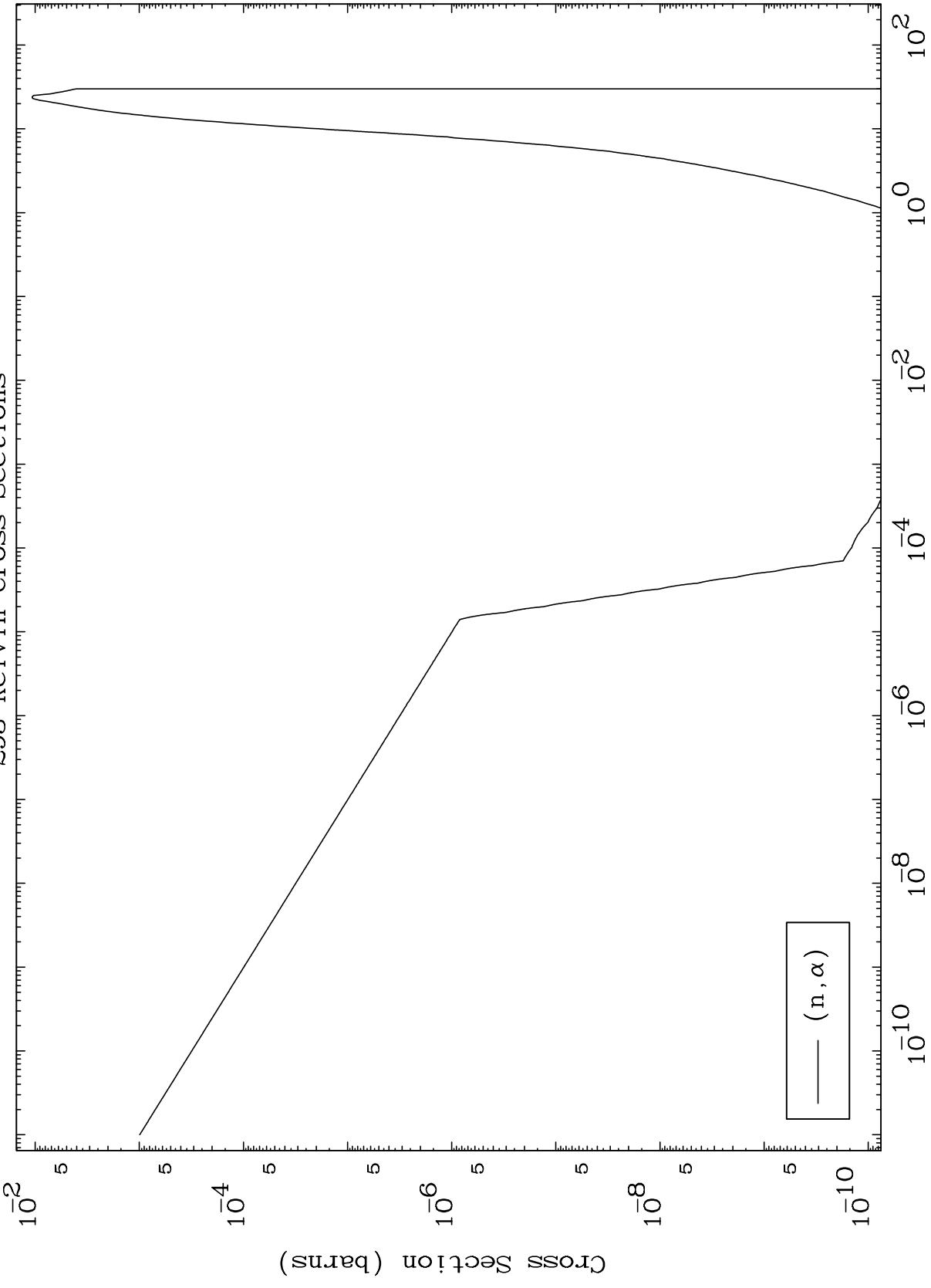
Incident Energy (MeV)

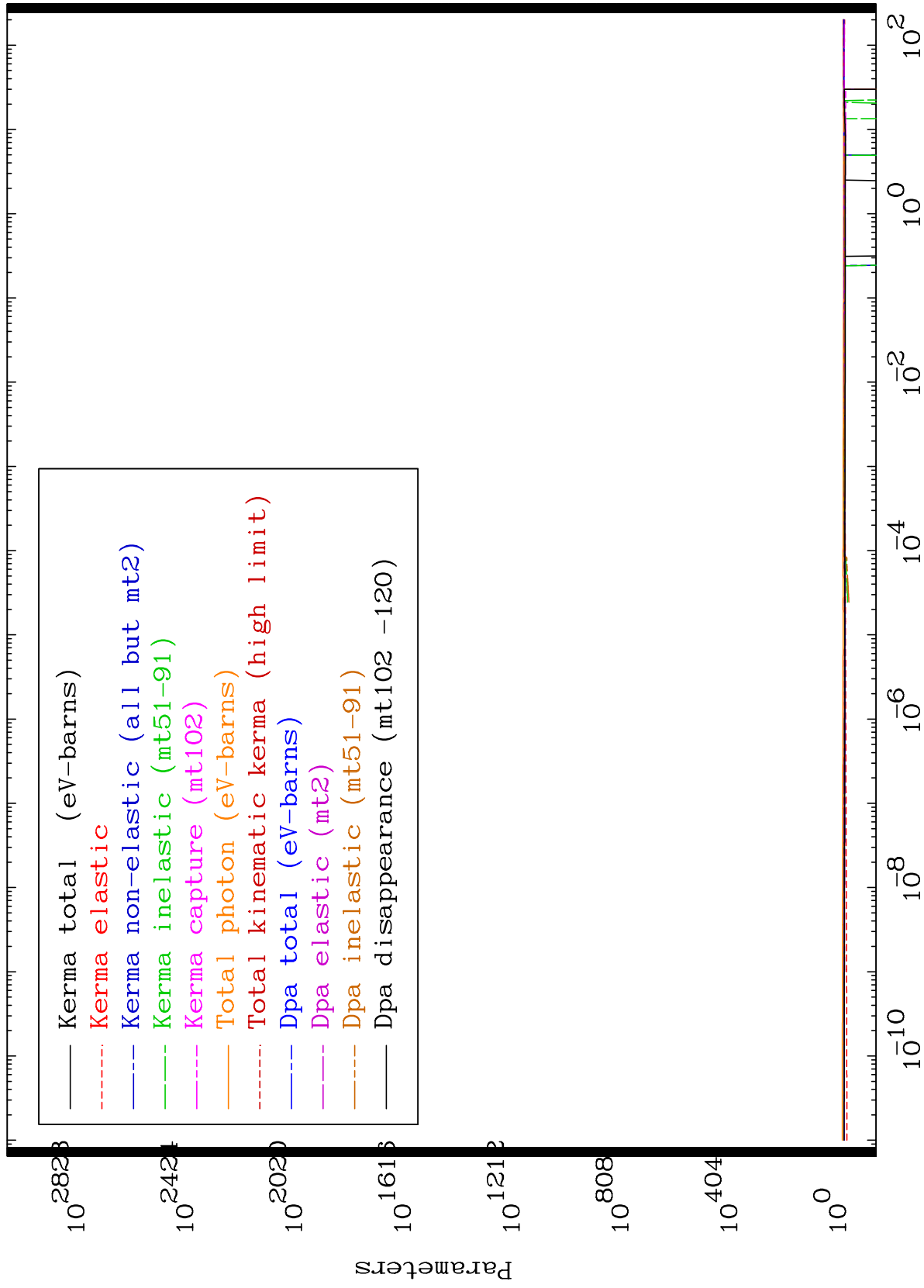
76-Os-190

MAT 7644

(n,α) Levels  
293 Kelvin Cross Sections

76-Os-190



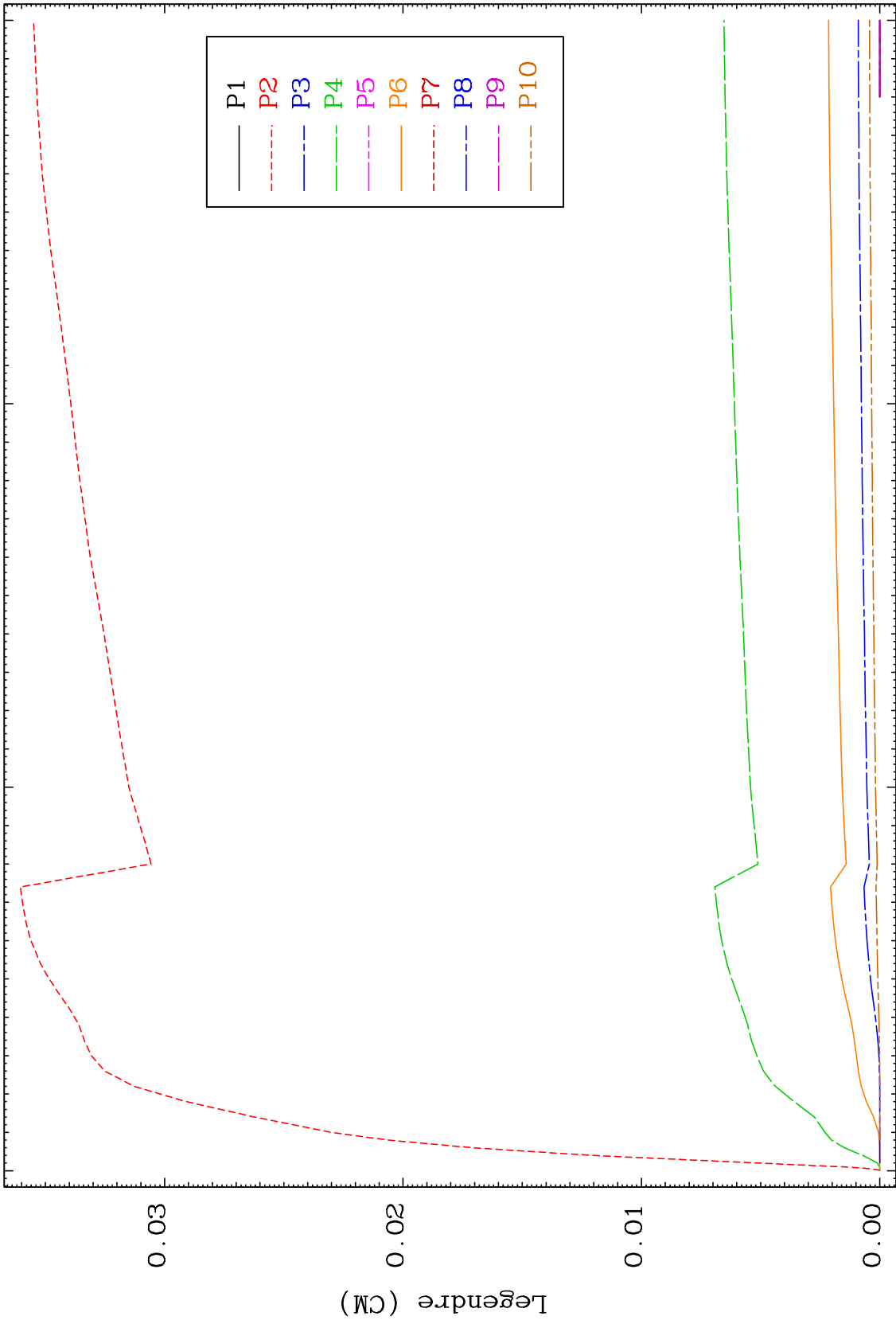




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Elastic Legendre Coefficients

76-Os-190



76-Os-190

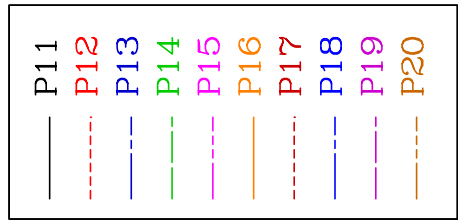
Incident Energy (MeV)

16

MAT 7644

Elastic Legendre Coefficients

76-Os-190



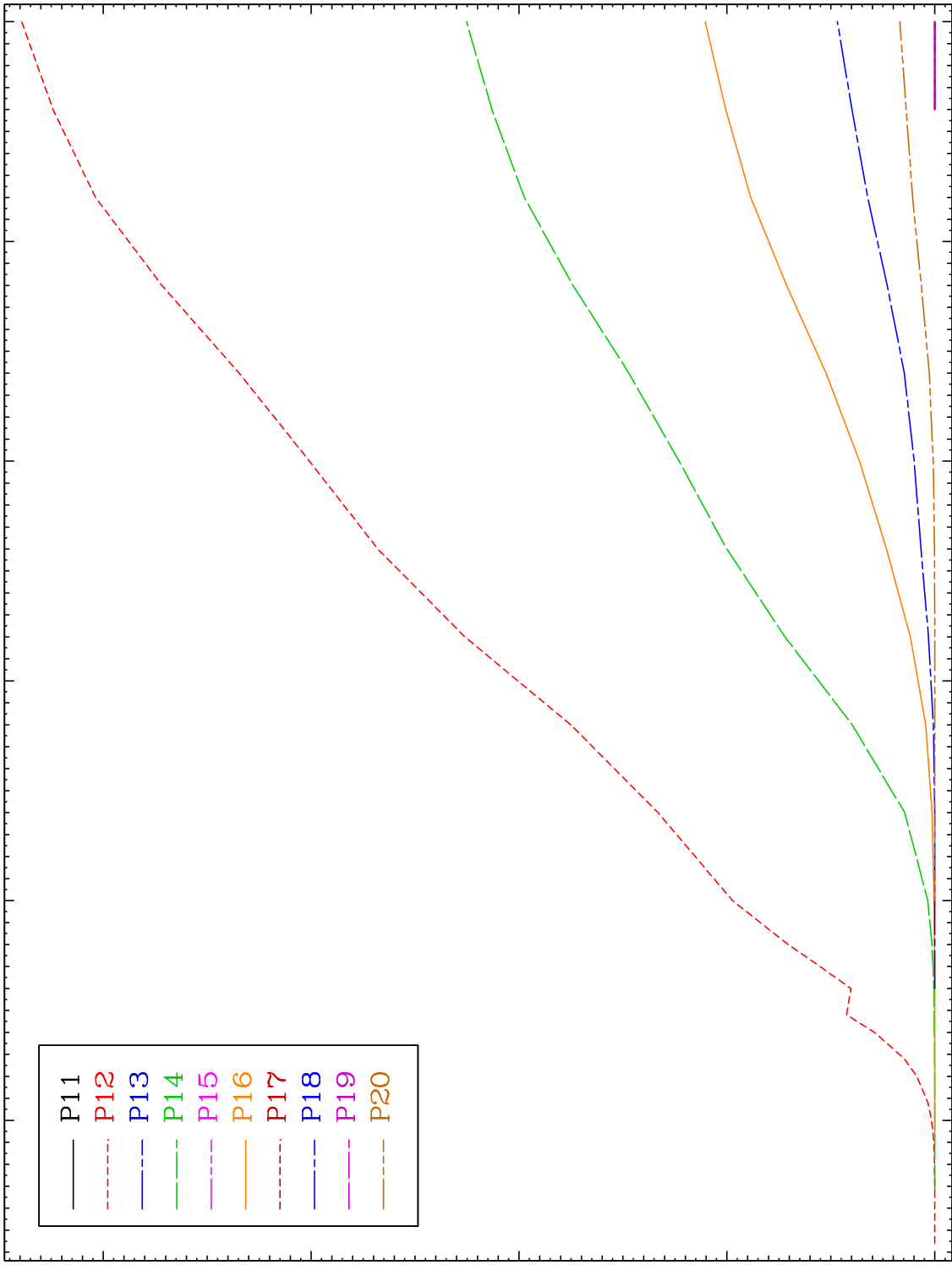
$\times 10^{-4}$   
2.0  
1.5  
1.0  
0.5  
0.0

Legendre (CM)

17

Incident Energy (MeV)

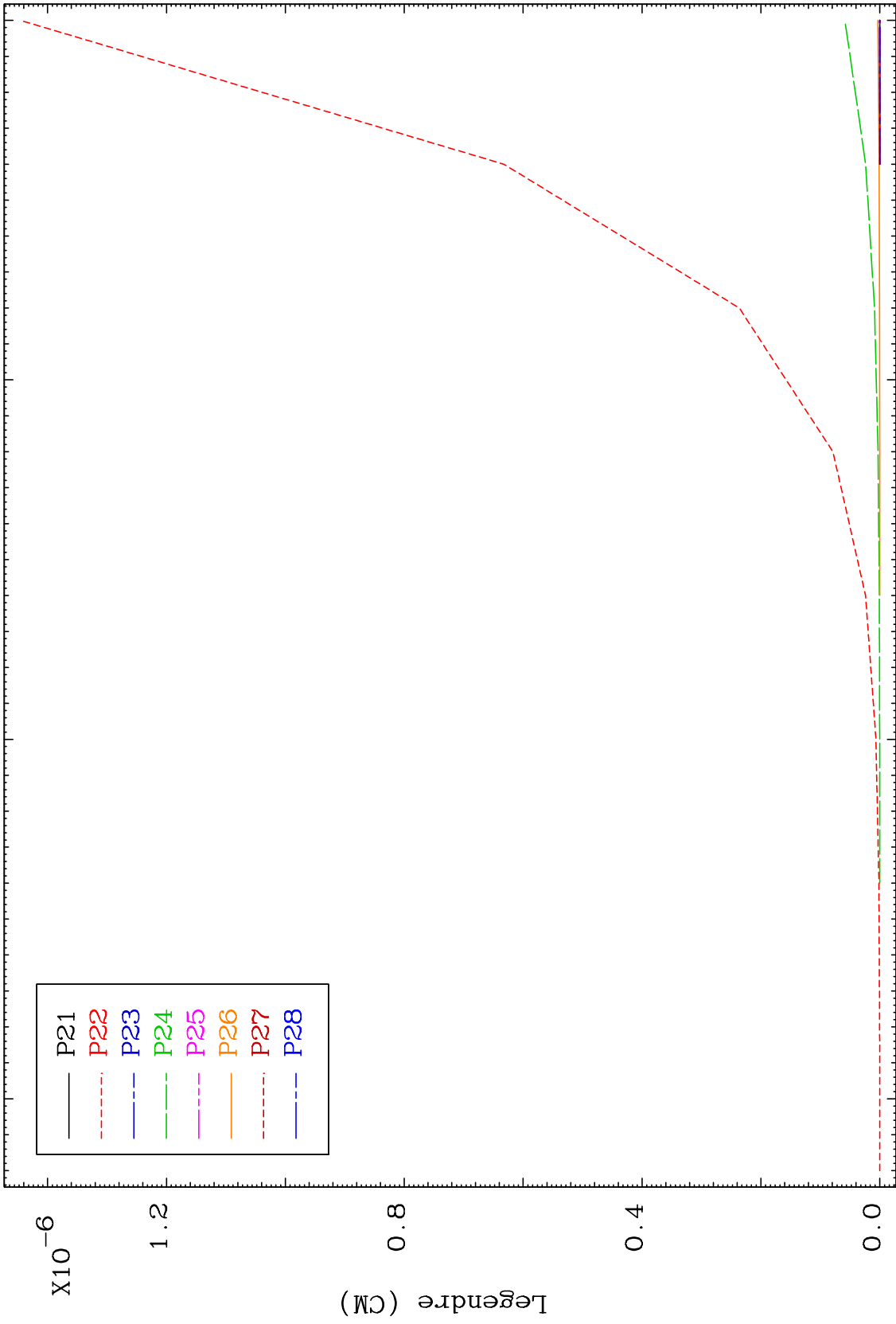
76-Os-190



MAT 7644

Elastic Legendre Coefficients

76-Os-190



18

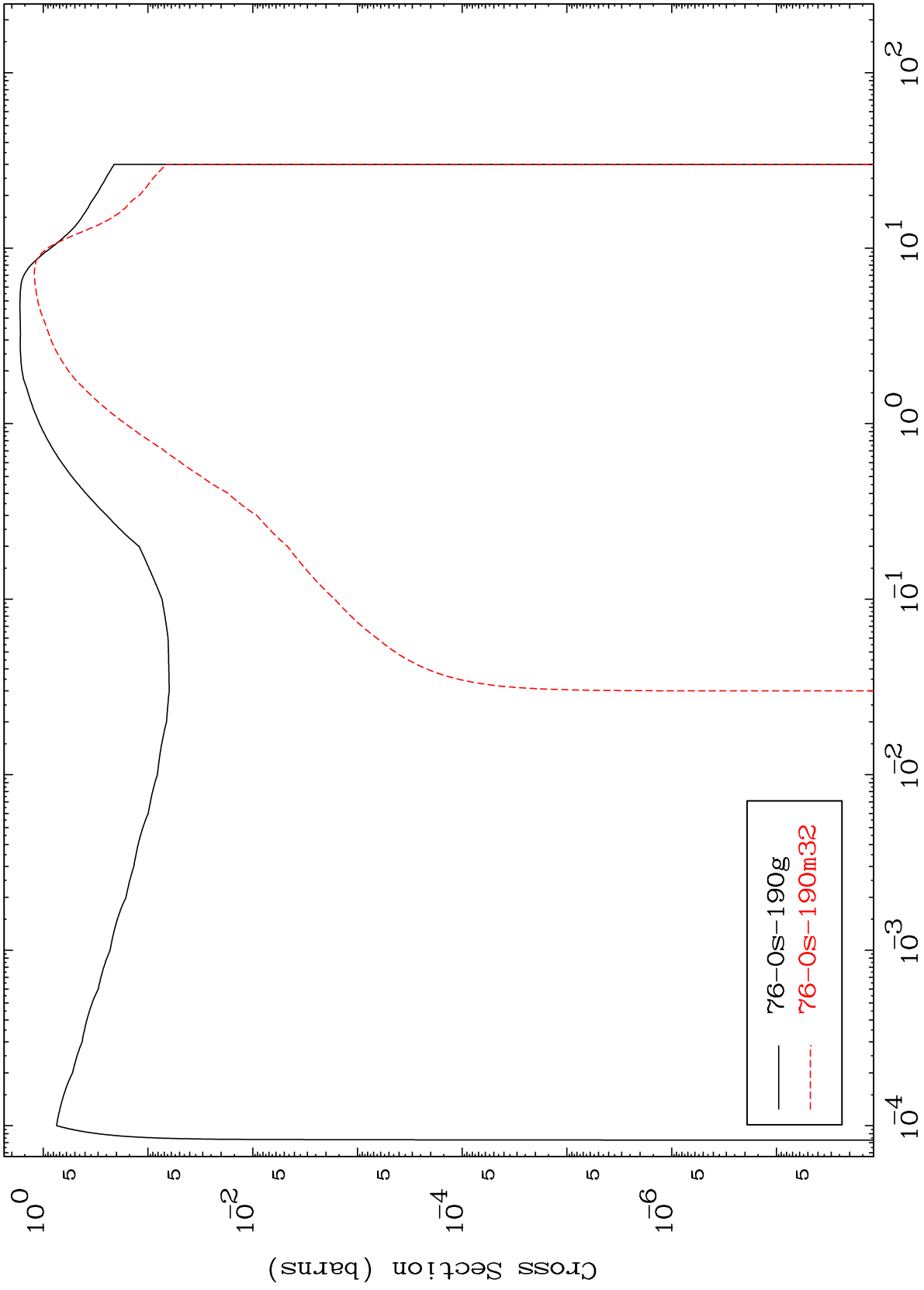
Incident Energy (MeV)

76-Os-190

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### Inelastic Radionuclide Production Cross Section

76-0s-190



19

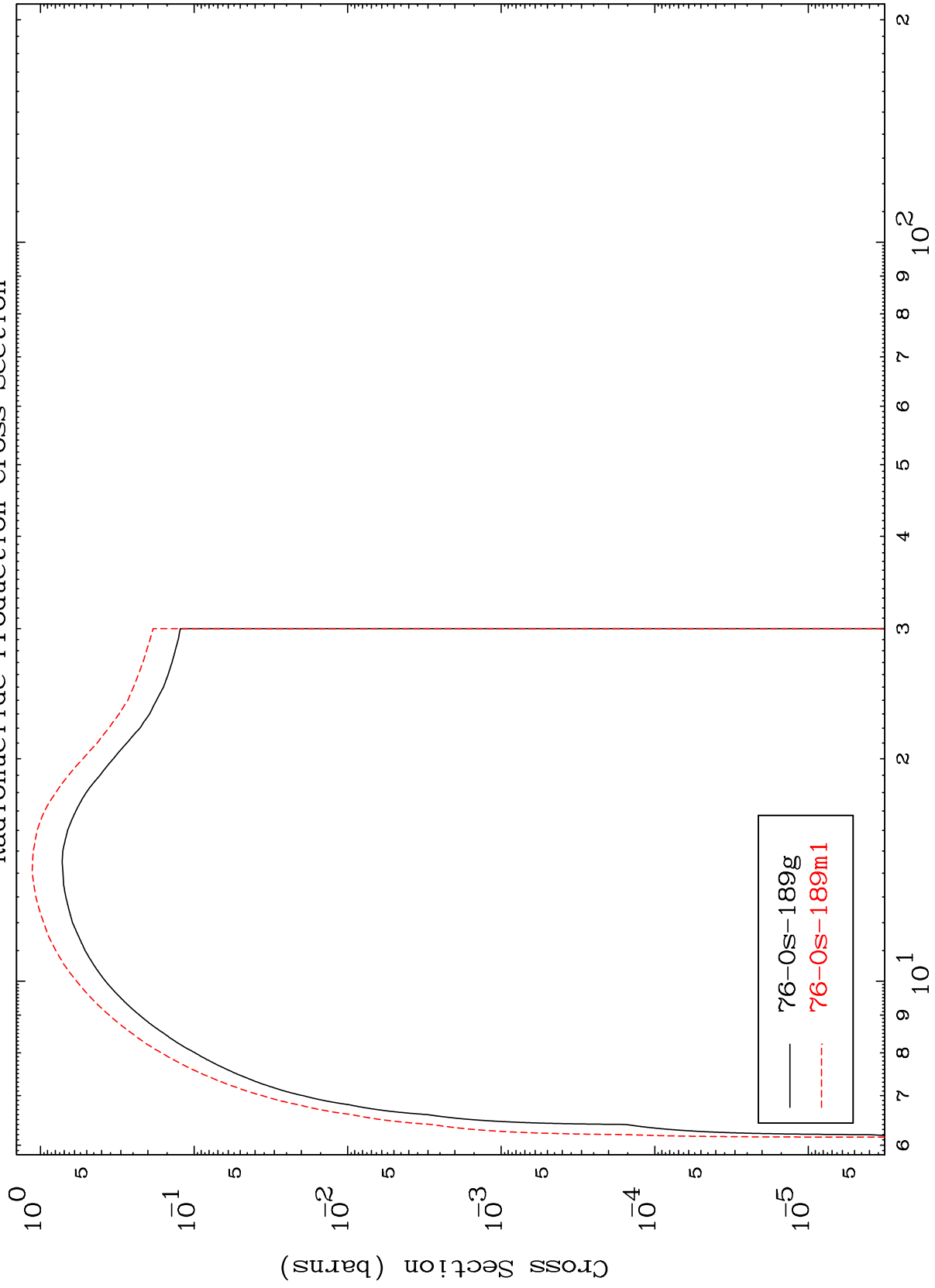
Incident Energy (MeV)

76-0s-190

MAT 7644

76-Os-190

(n,2n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

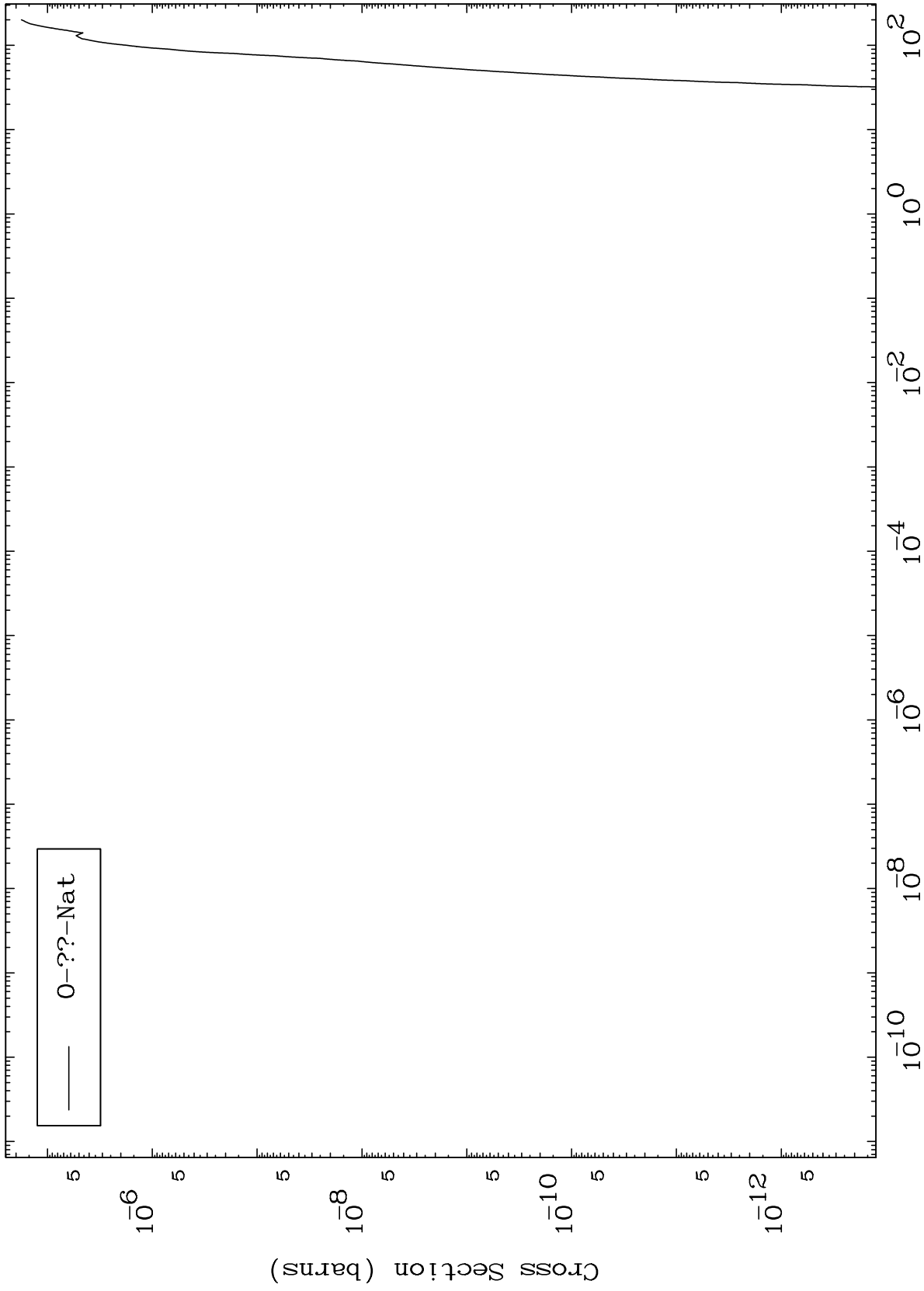
76-Os-190

MAT 7644

Fission

76-Os-190

Radionuclide Production Cross Section



21

Incident Energy (MeV)

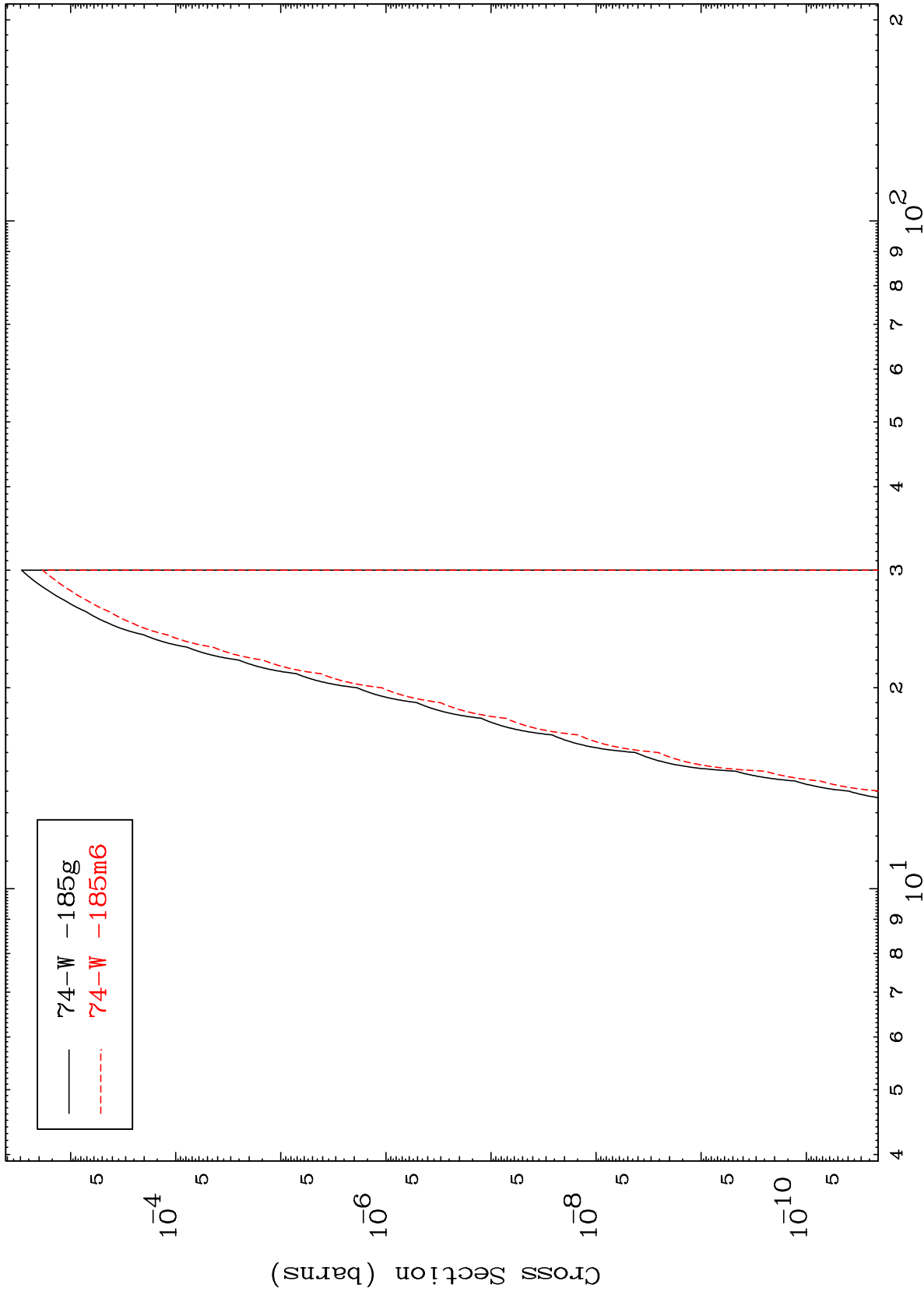
76-Os-190

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(n,2n)  $\alpha$

76-Os-190

Radionuclide Production Cross Section



22

Incident Energy (MeV)

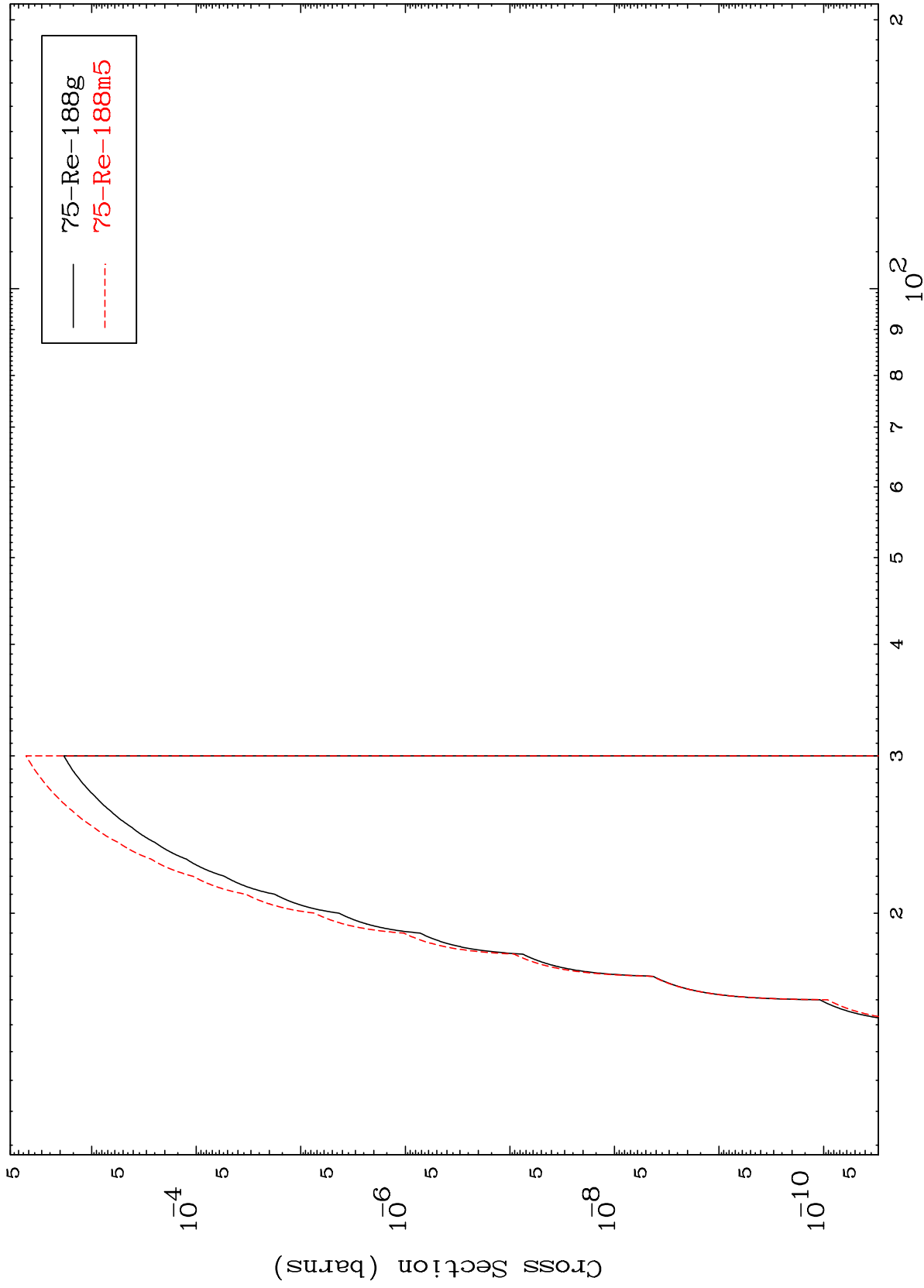
76-Os-190

MAT 7644

(n,n') d

76-Os-190

Radionuclide Production Cross Section



23

Incident Energy (MeV)

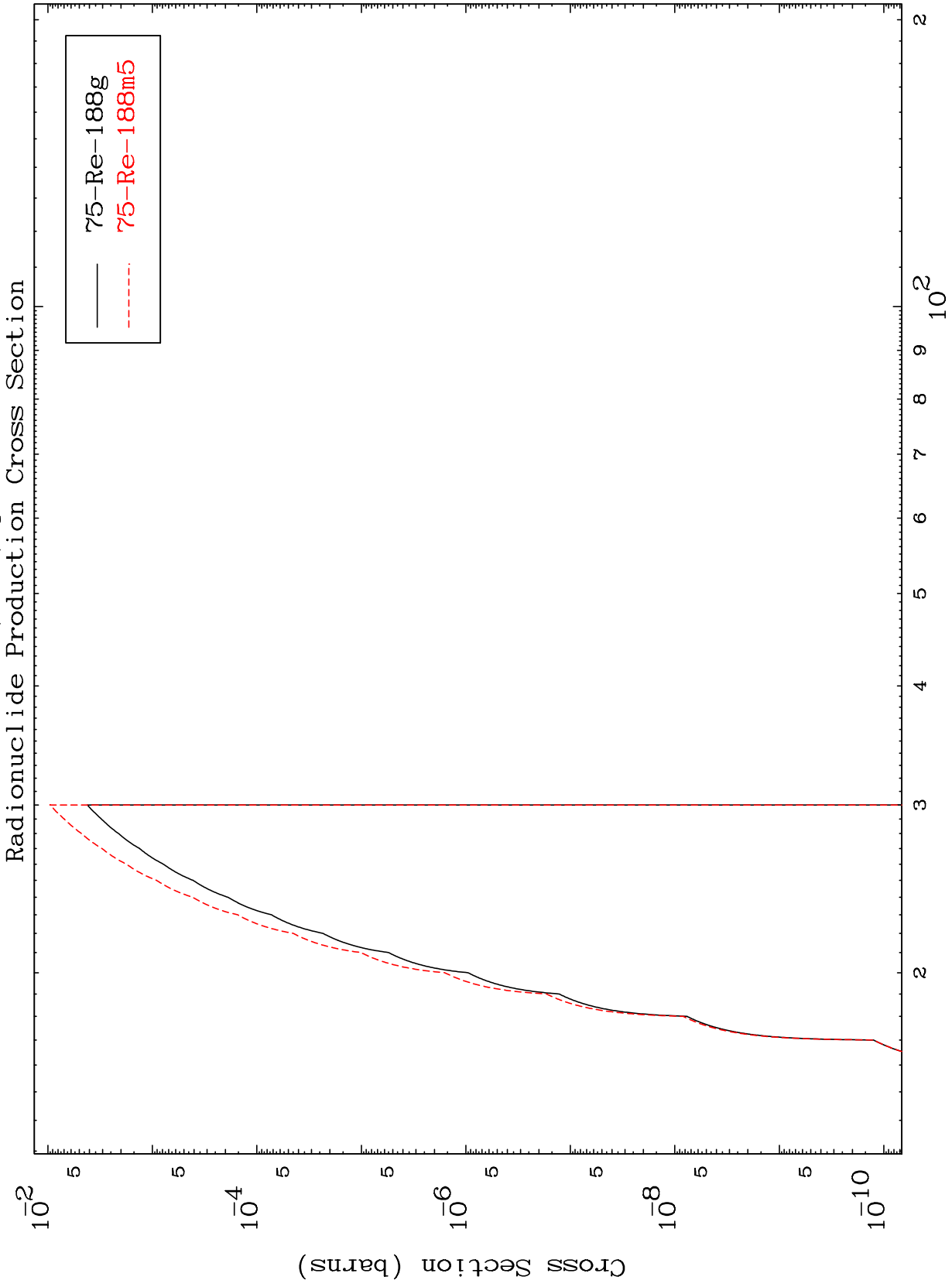
76-Os-190



MAT 7644

(n,2n) p

76-Os-190



24

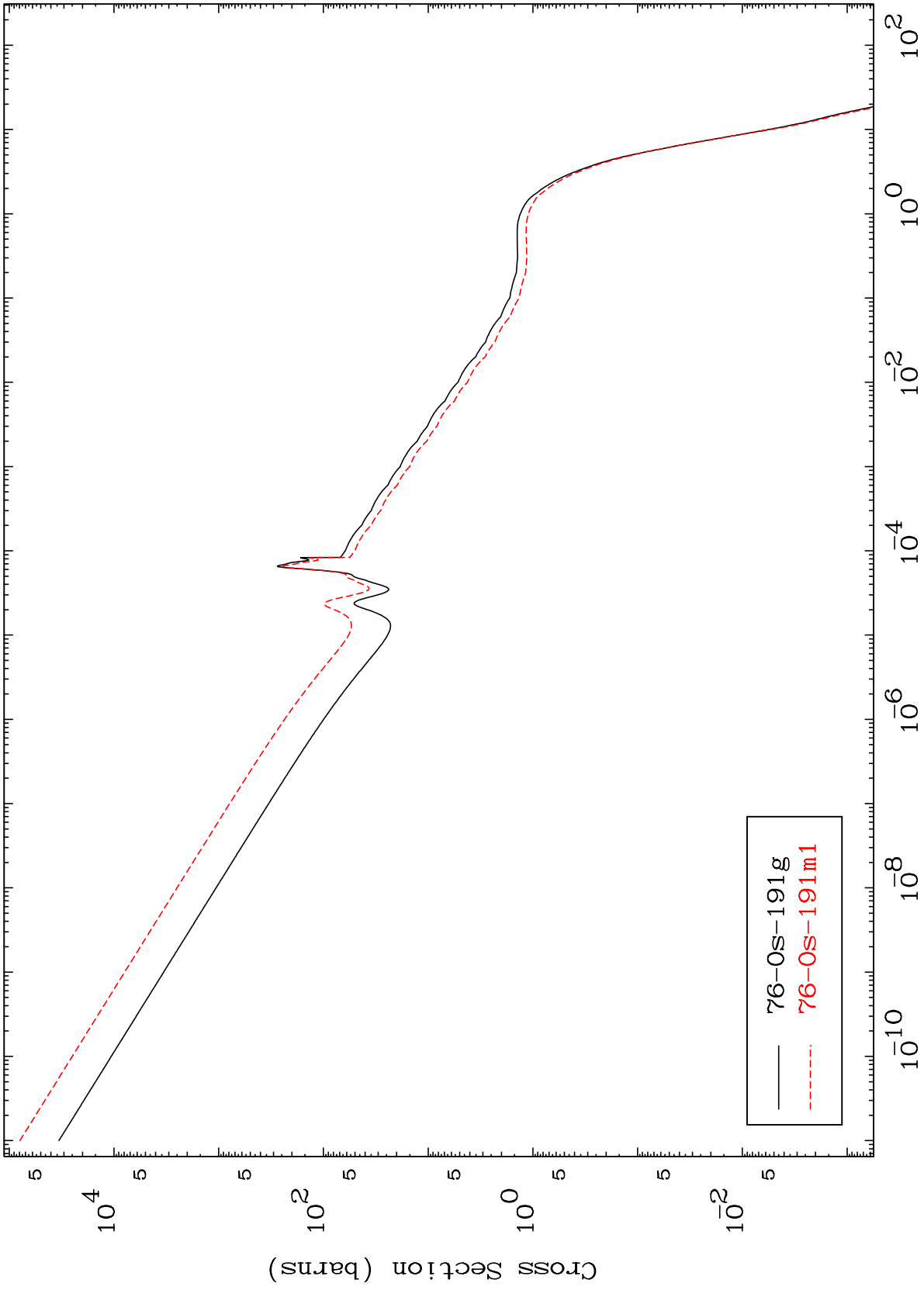
Incident Energy (MeV)

76-Os-190

MAT 7644

76-0s-190

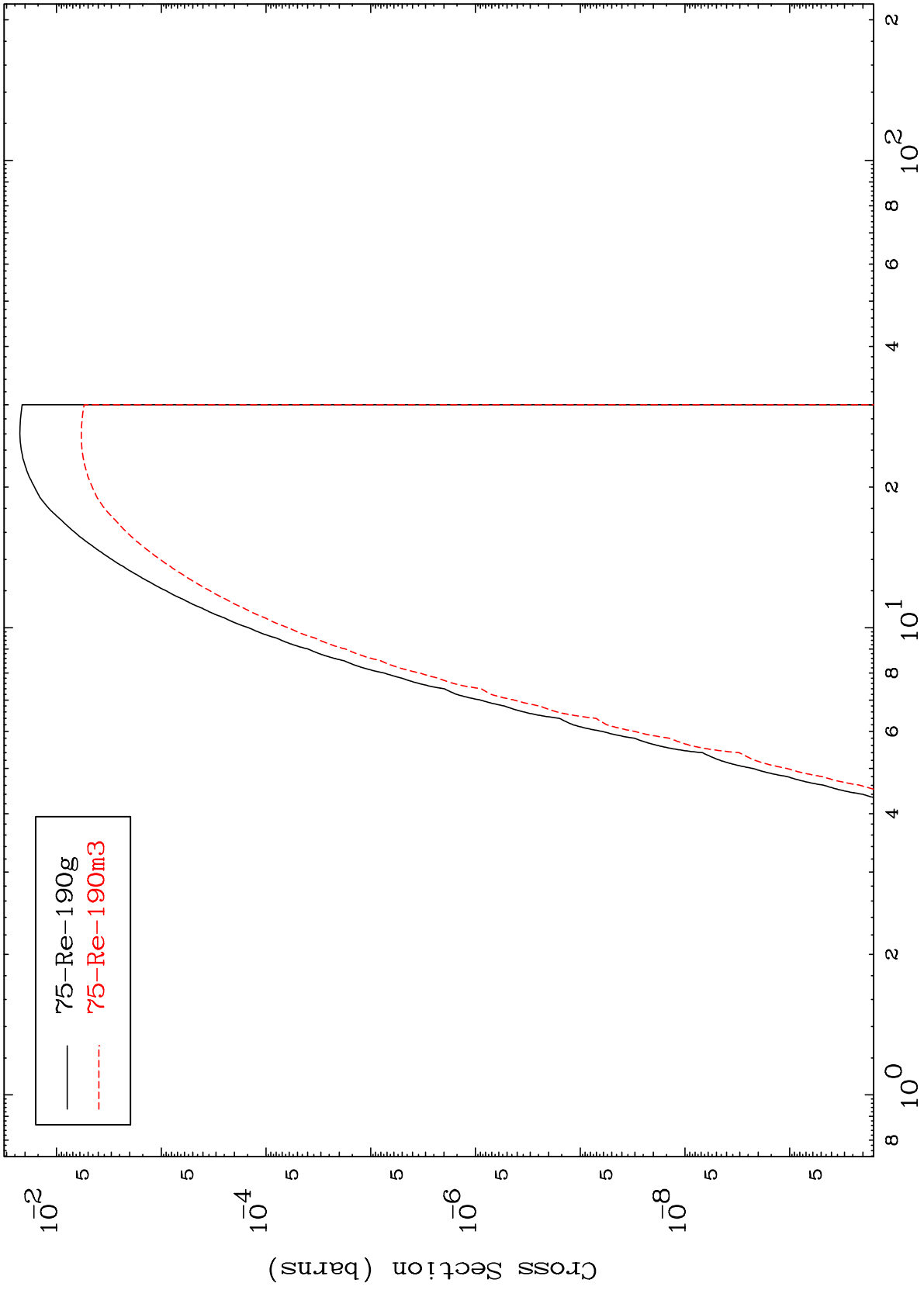
(n,γ)  
Radionuclide Production Cross Section



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76-0s-190

(n,p)  
Radionuclide Production Cross Section



26

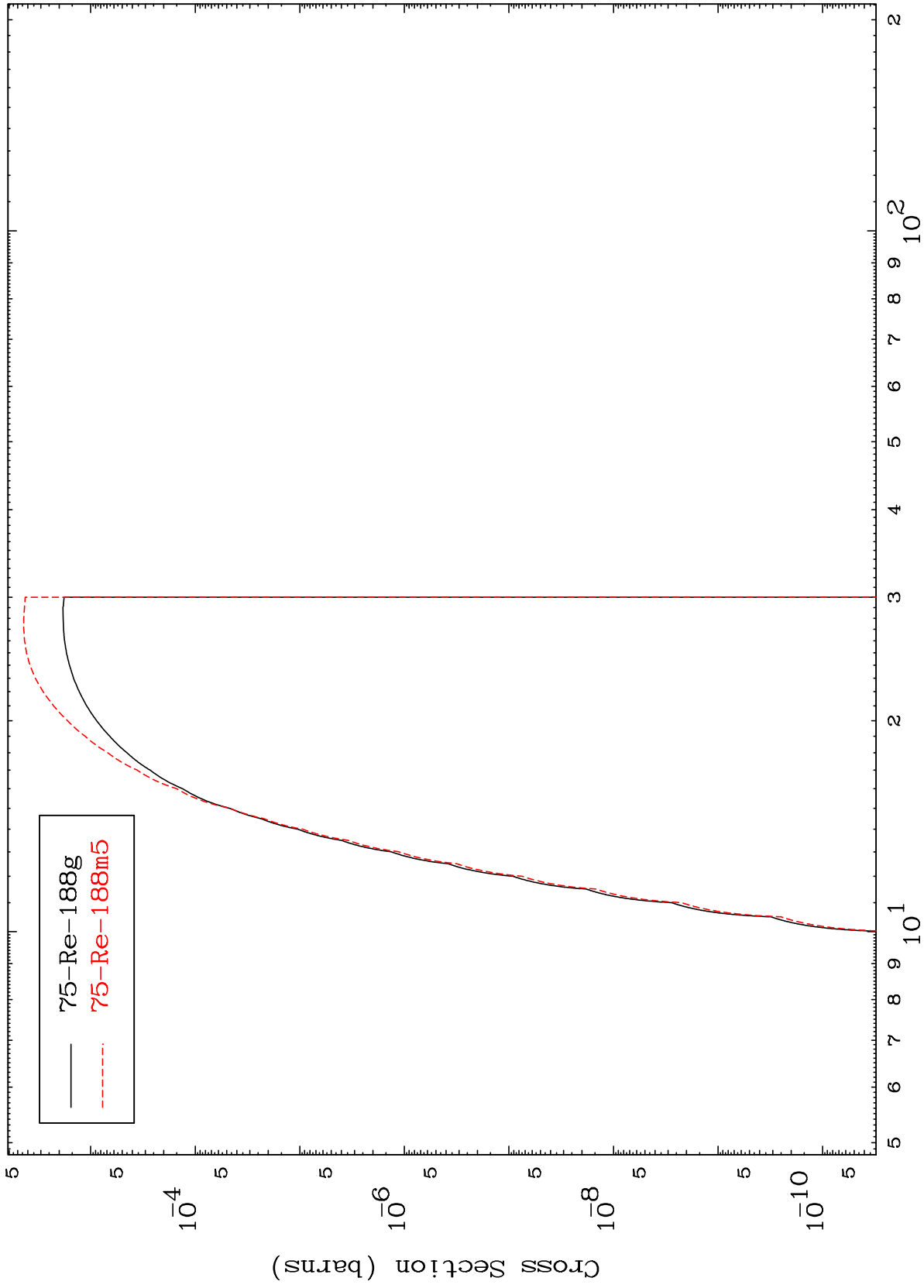
Incident Energy (MeV)

76-0s-190

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Radionuclide Production Cross Section  
(n, t)

76-0s-190



27

Incident Energy (MeV)

76-0s-190