

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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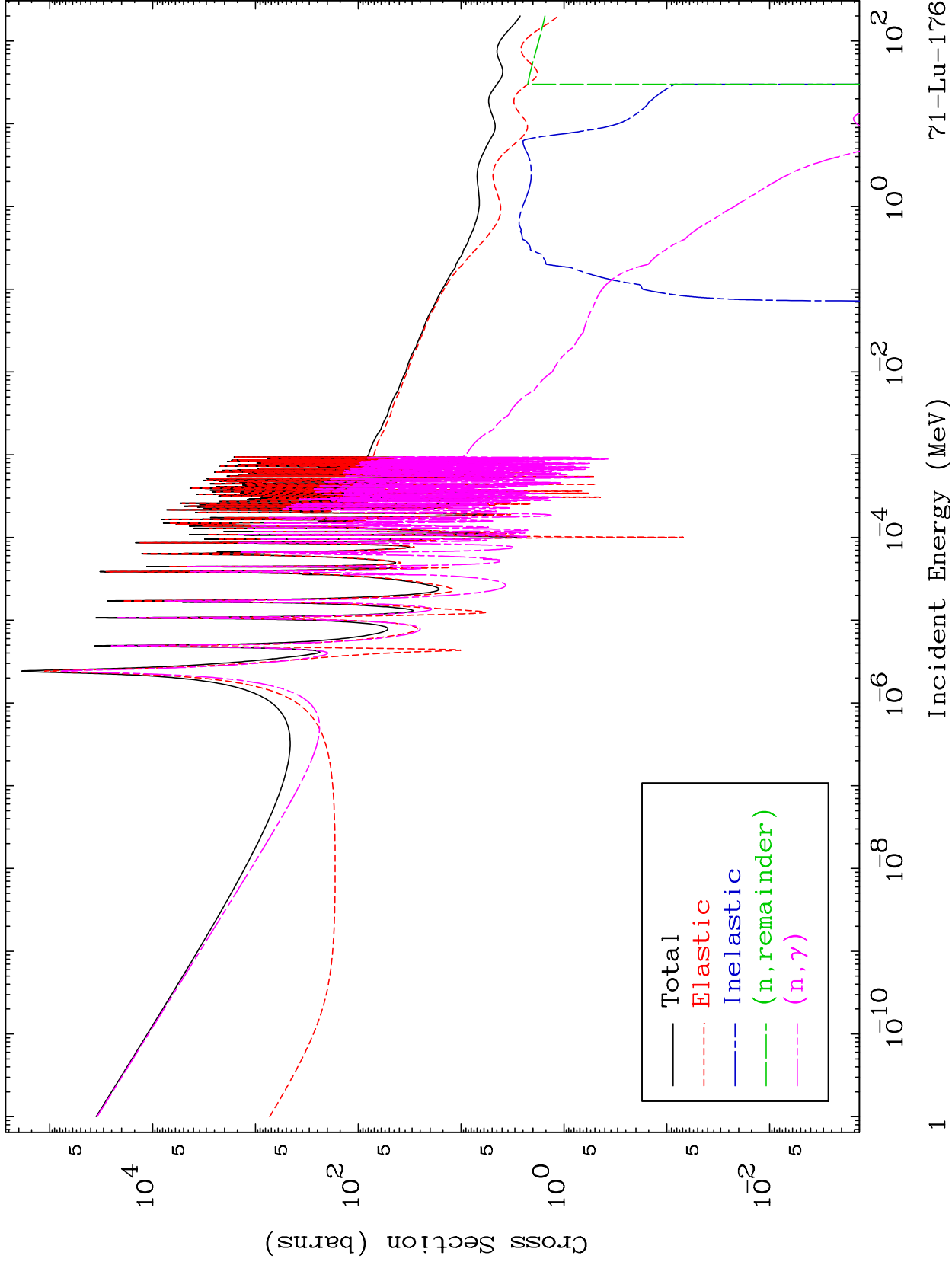
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7129

Major  
293 Kelvin Cross Sections

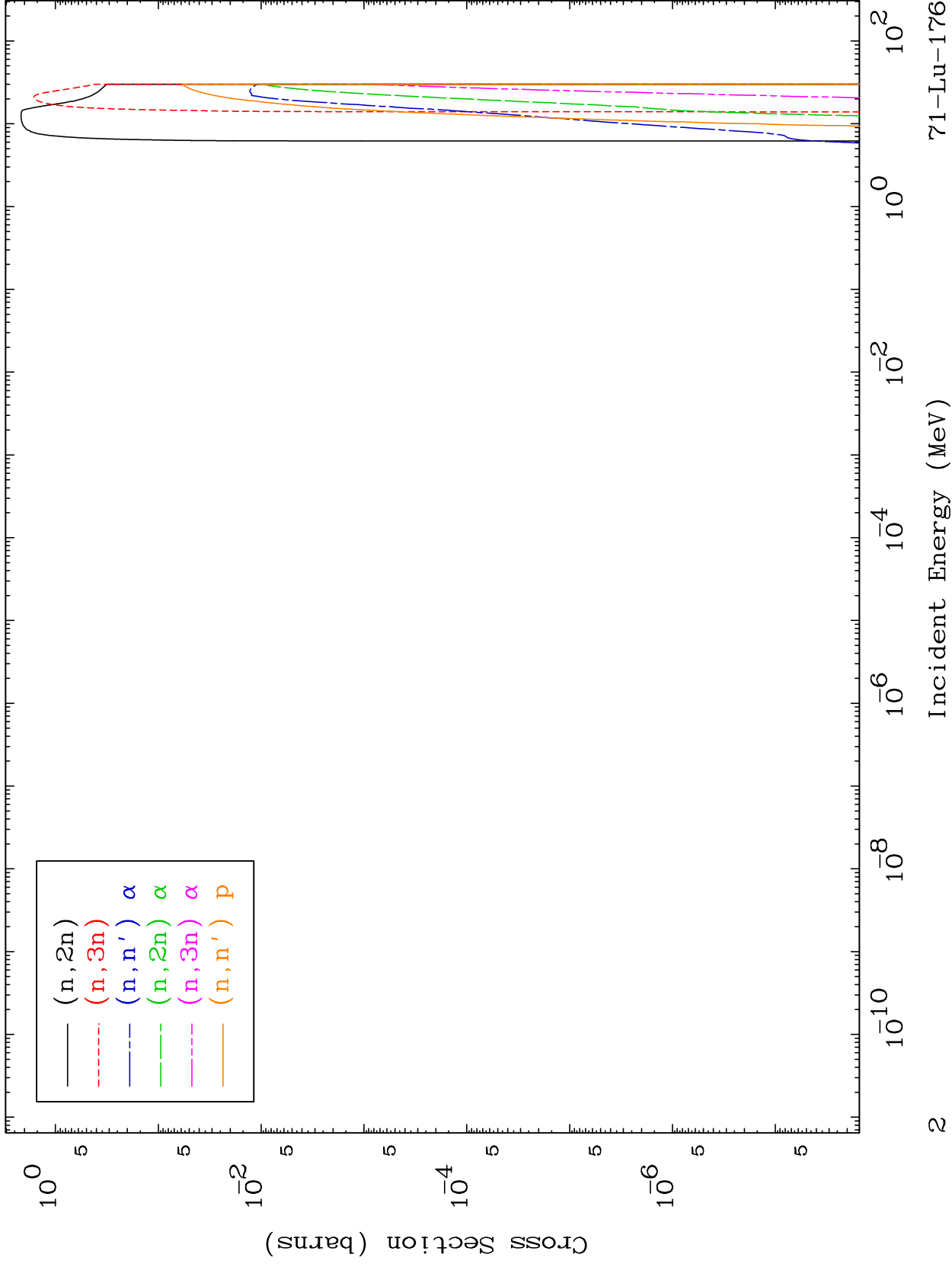
71-Lu-176

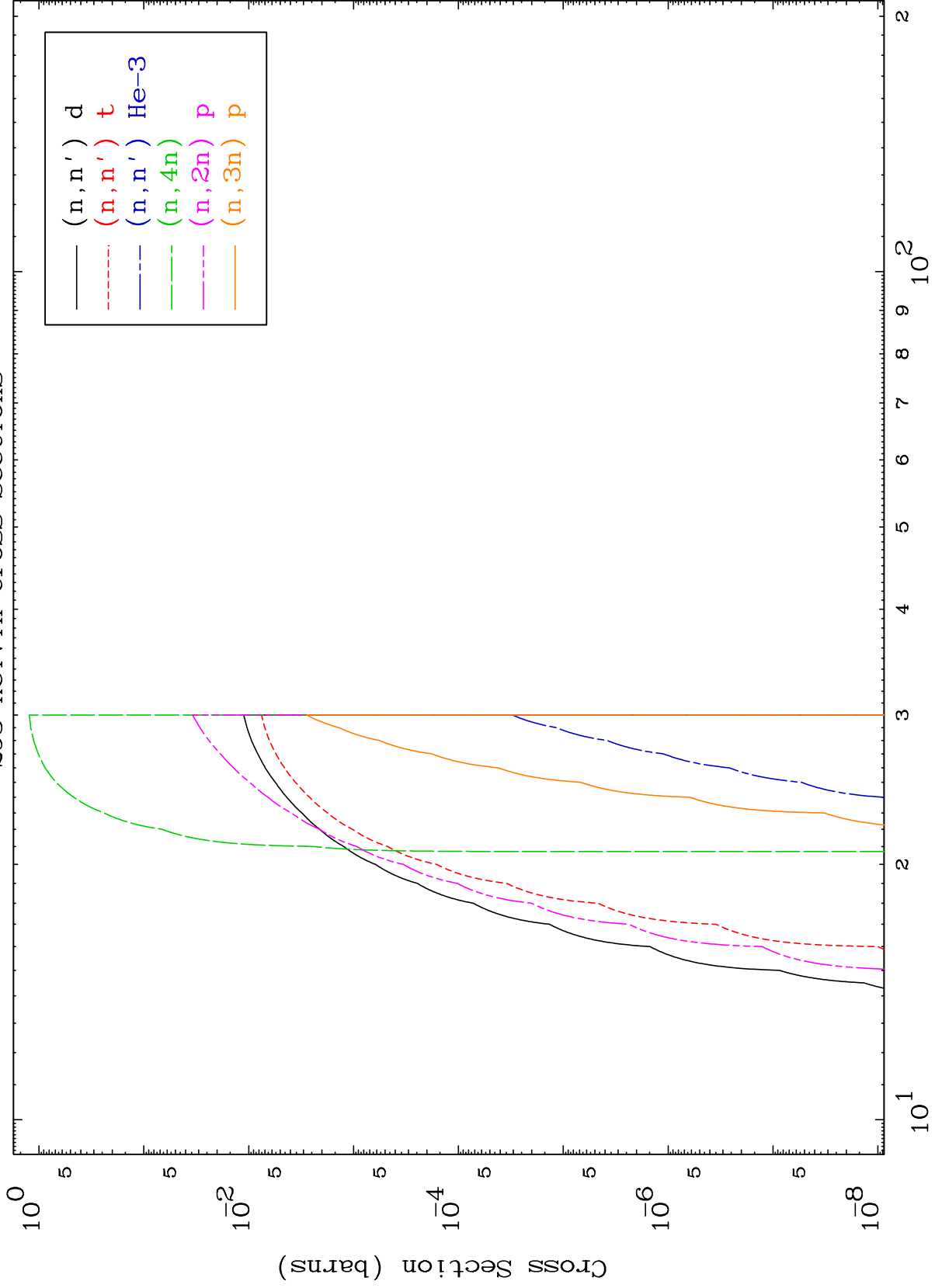


MAT 7129

Neutron Production  
293 Kelvin Cross Sections

71-Lu-176

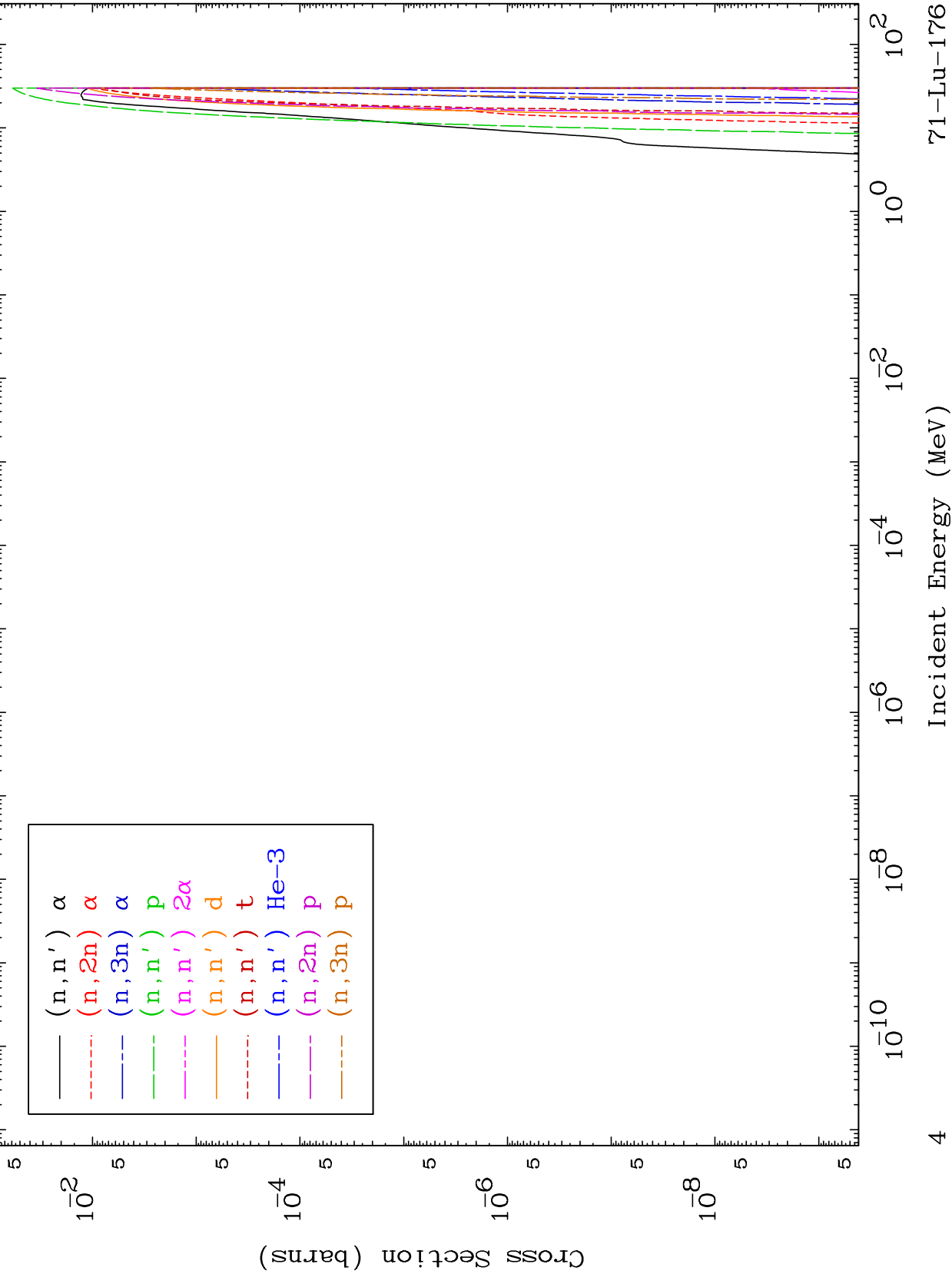




MAT 7129

Charged Particle  
293 Kelvin Cross Sections

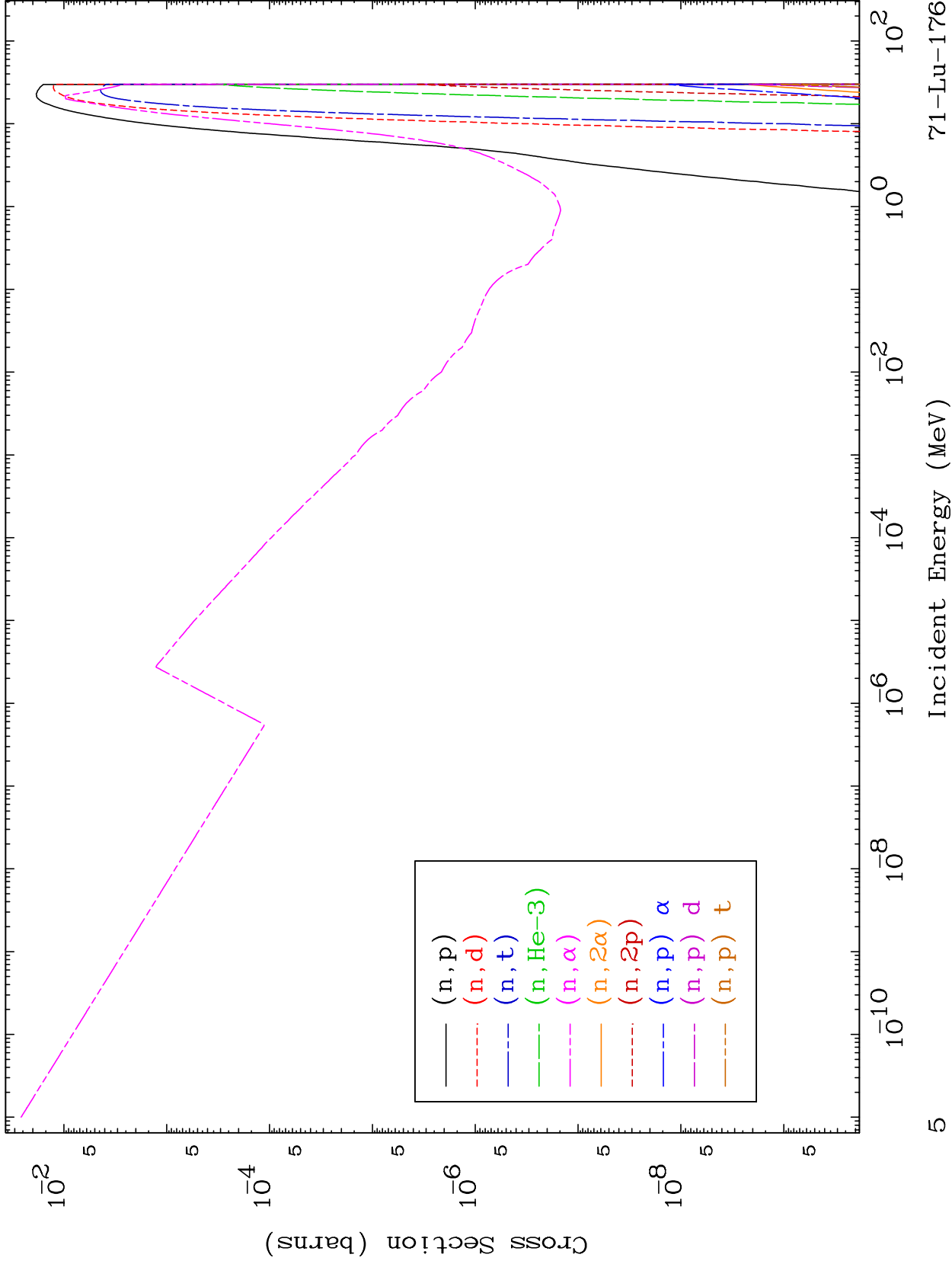
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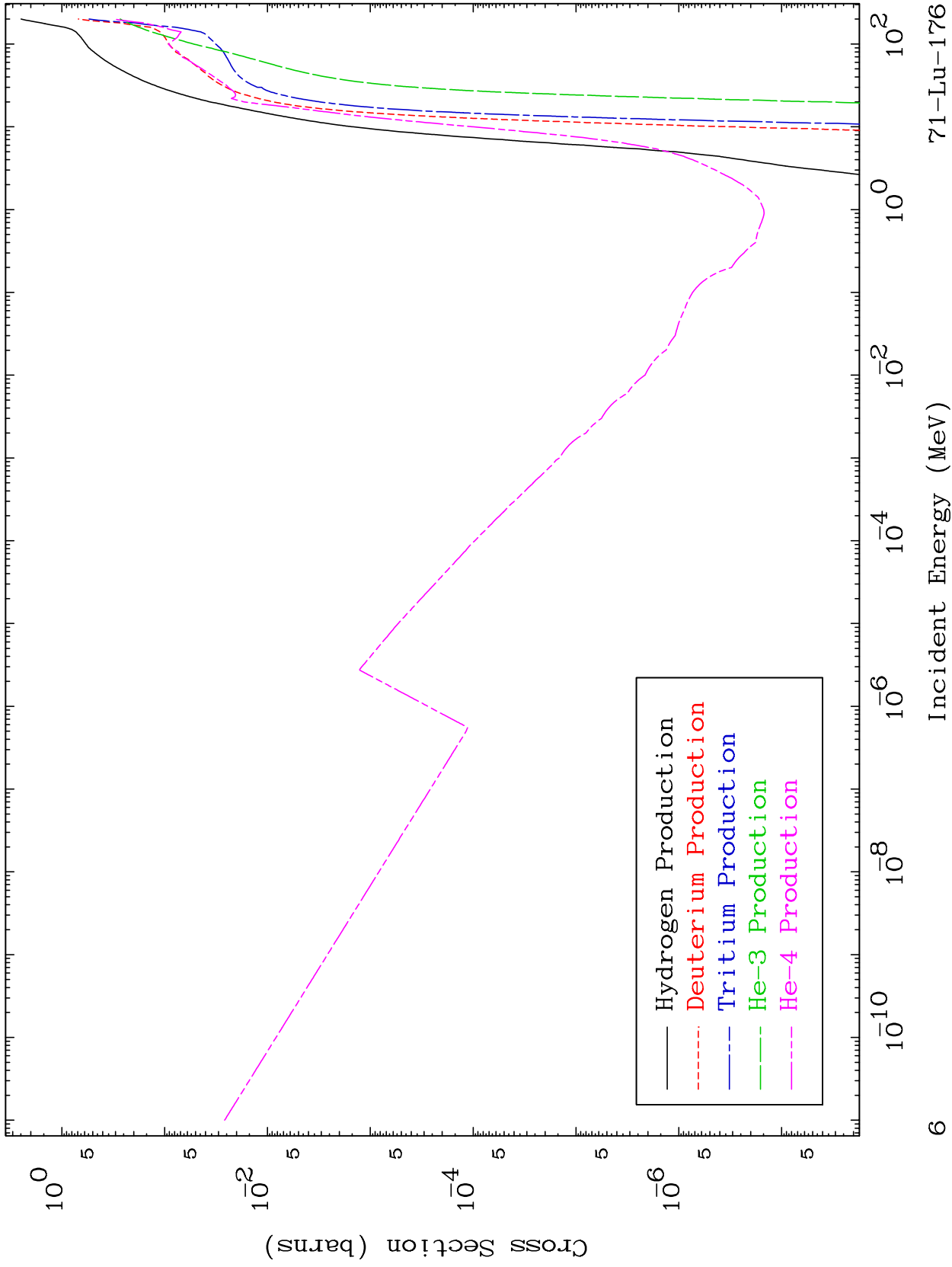


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Charged Particle  
293 Kelvin Cross Sections

71-Lu-176

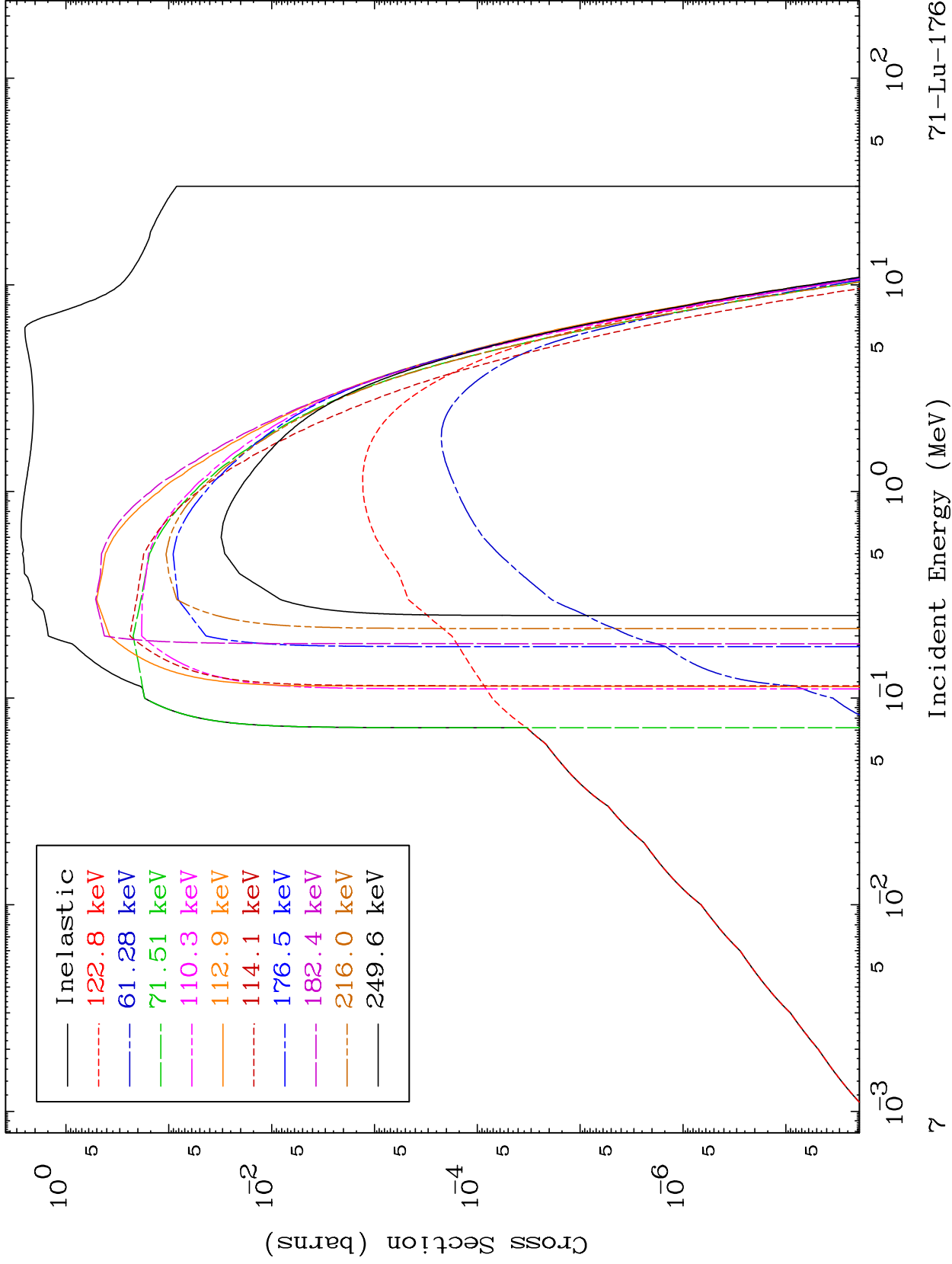




MAT 7129

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-176

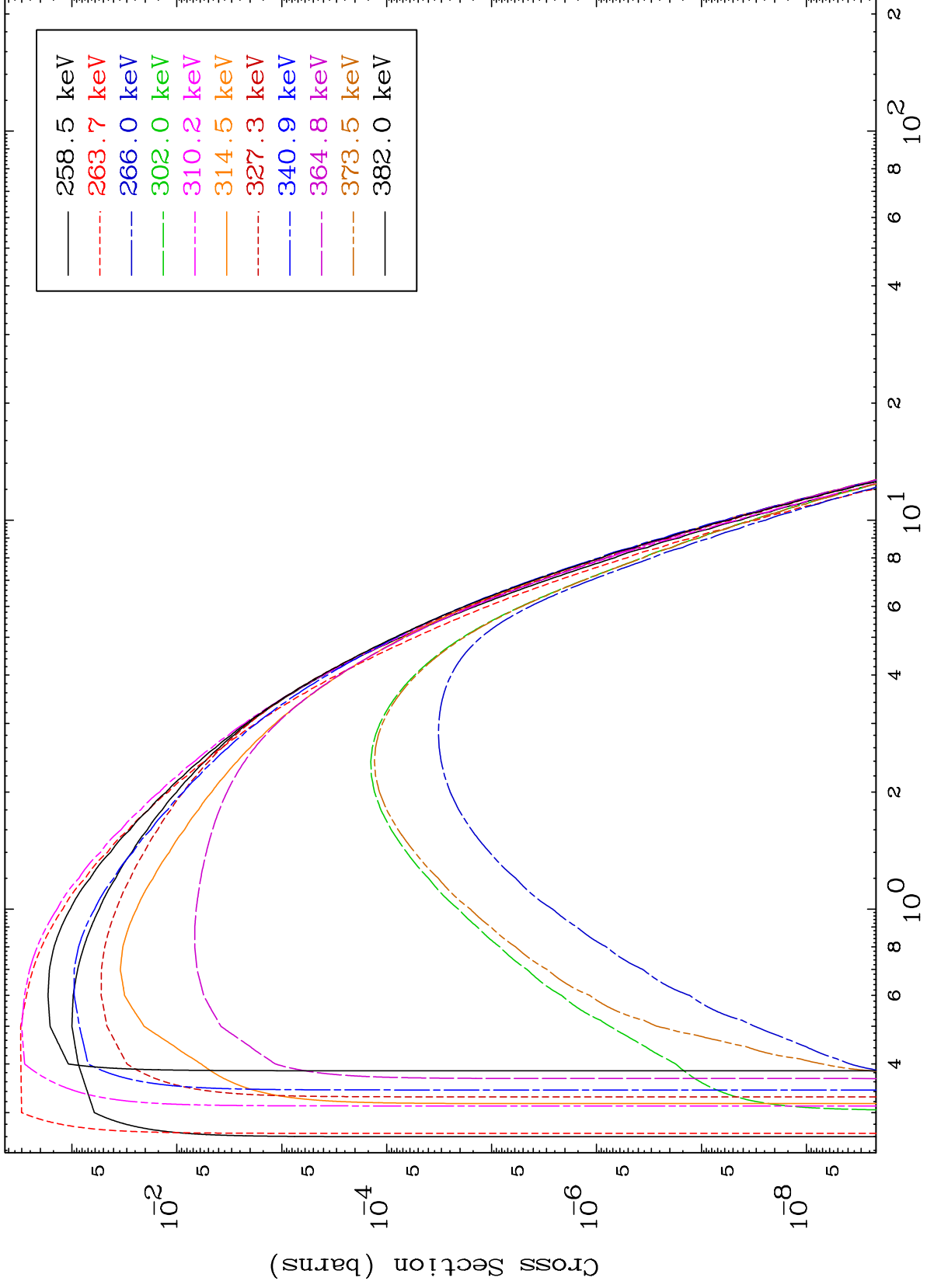




MAT 7129

(n,n') Level  
293 Kelvin Cross Sections

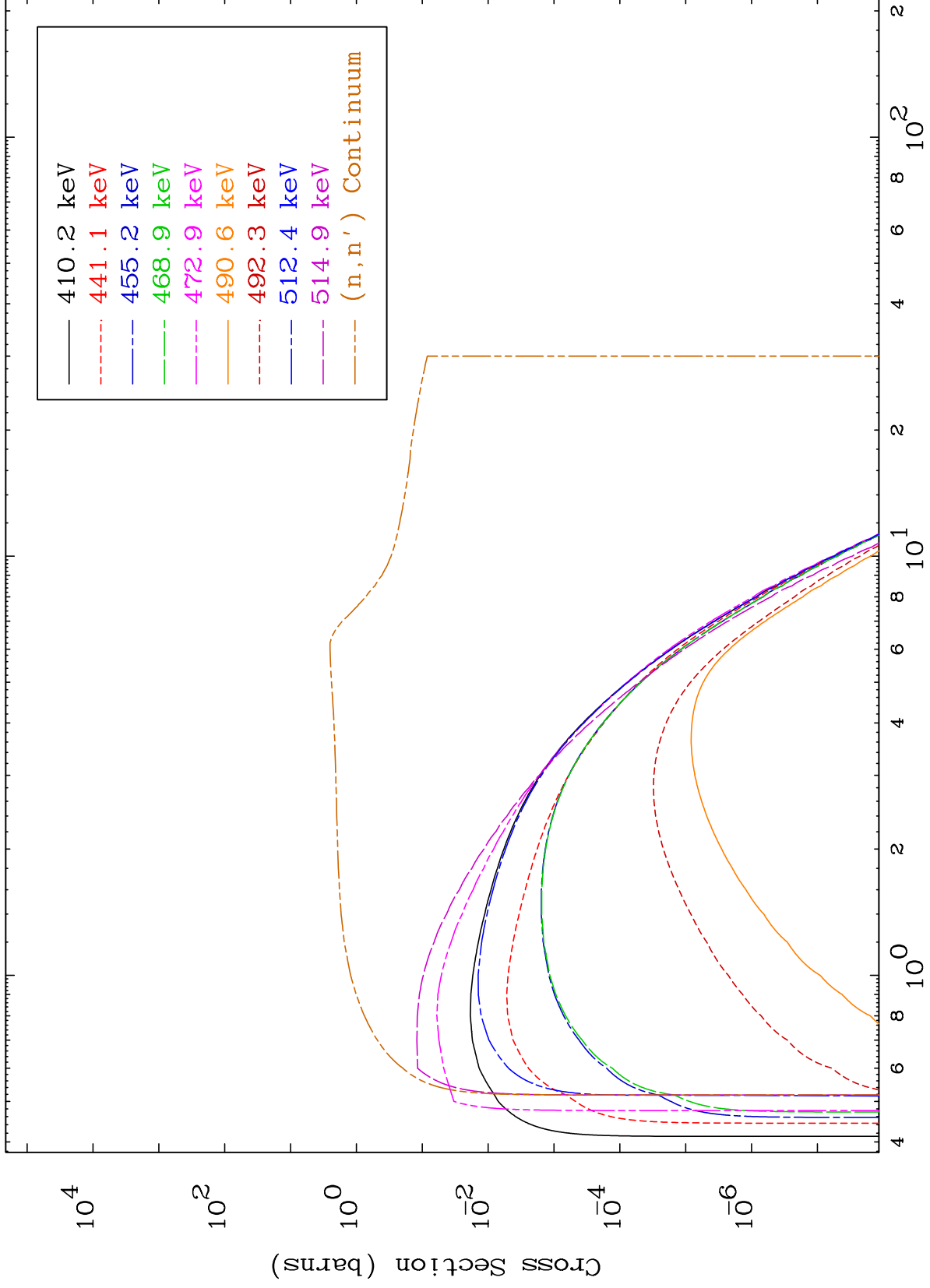
71-Lu-176



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Incident Energy (MeV)

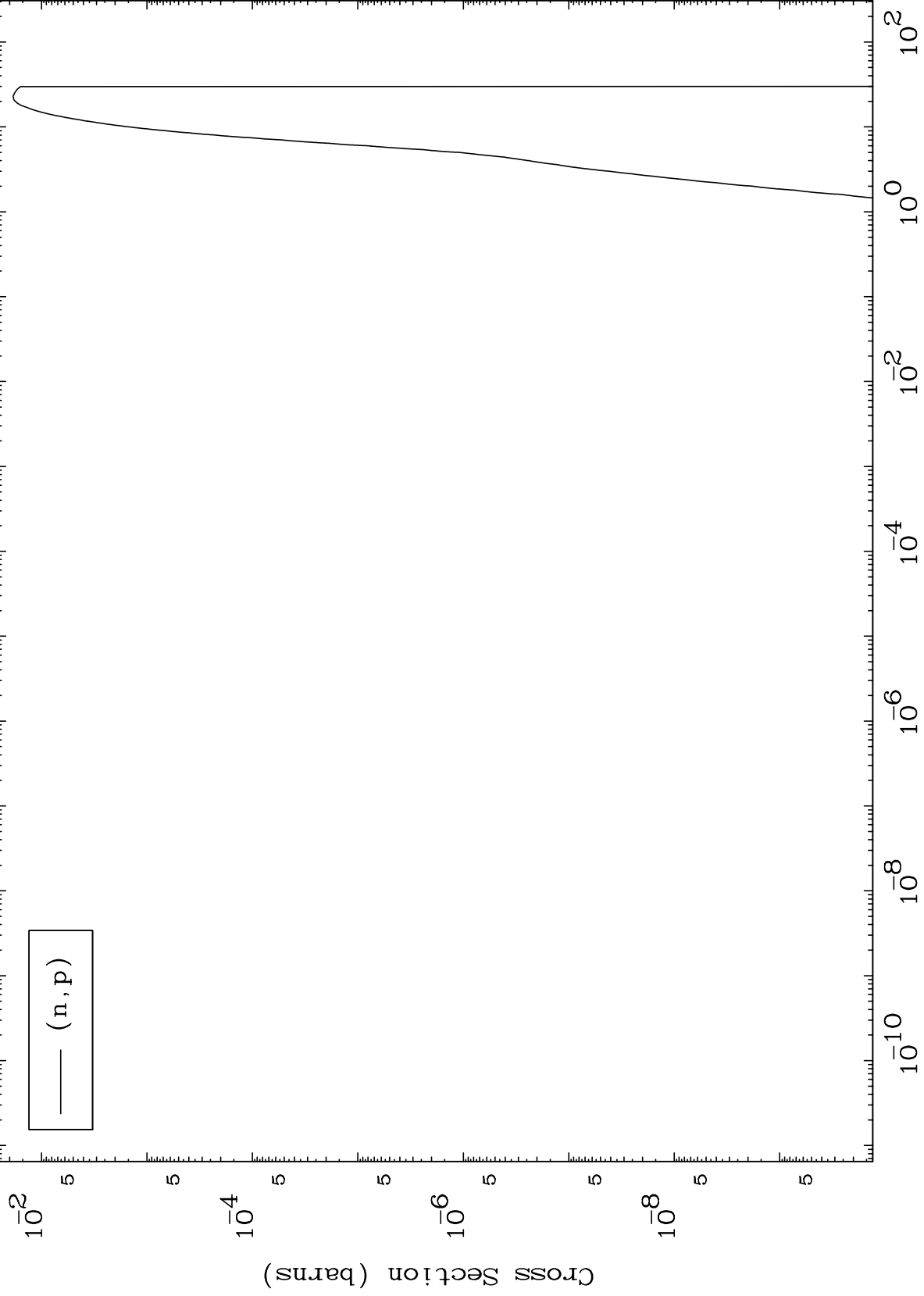
71-Lu-176



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(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-176



10

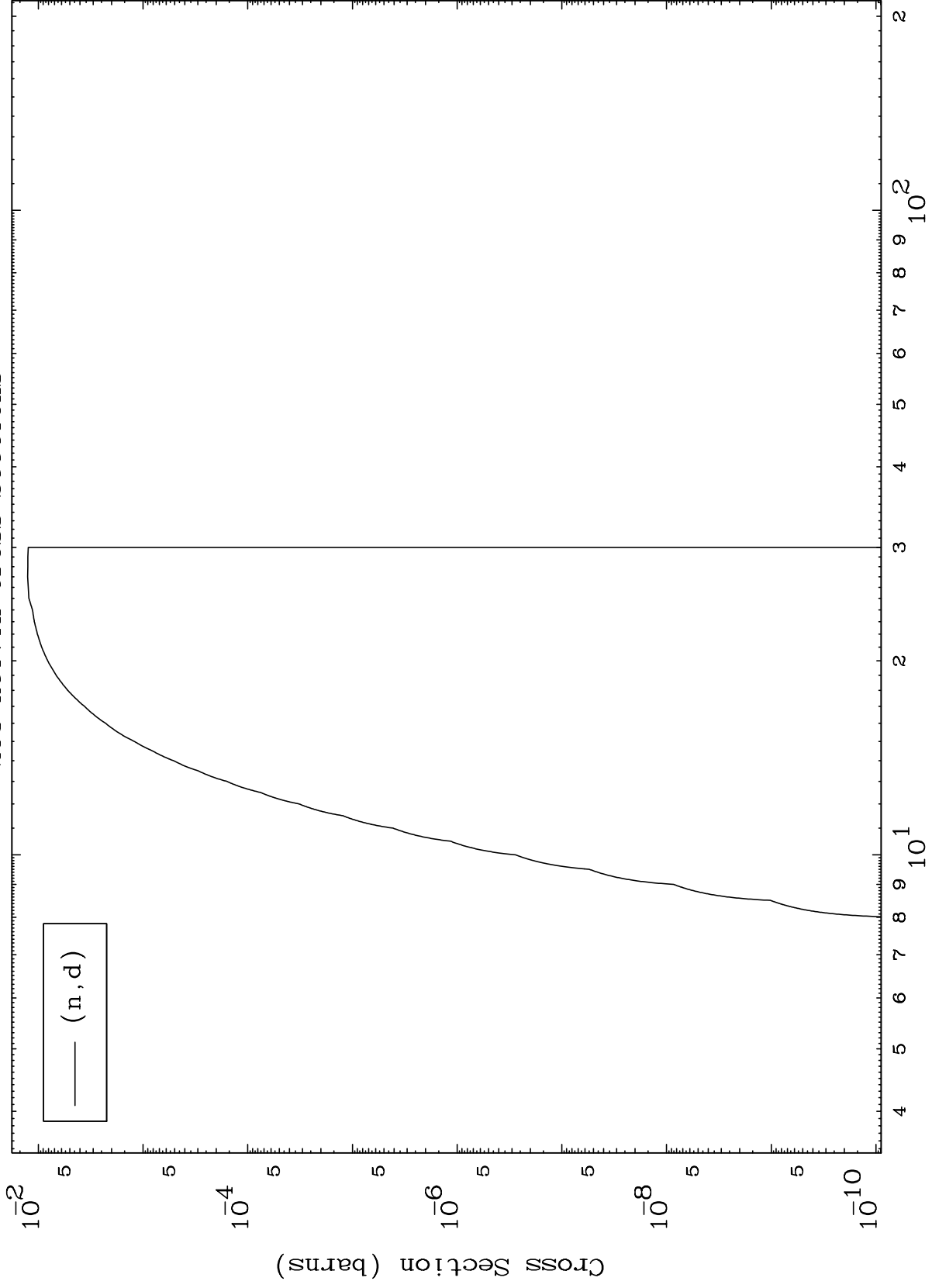
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,d) Levels  
293 Kelvin Cross Sections

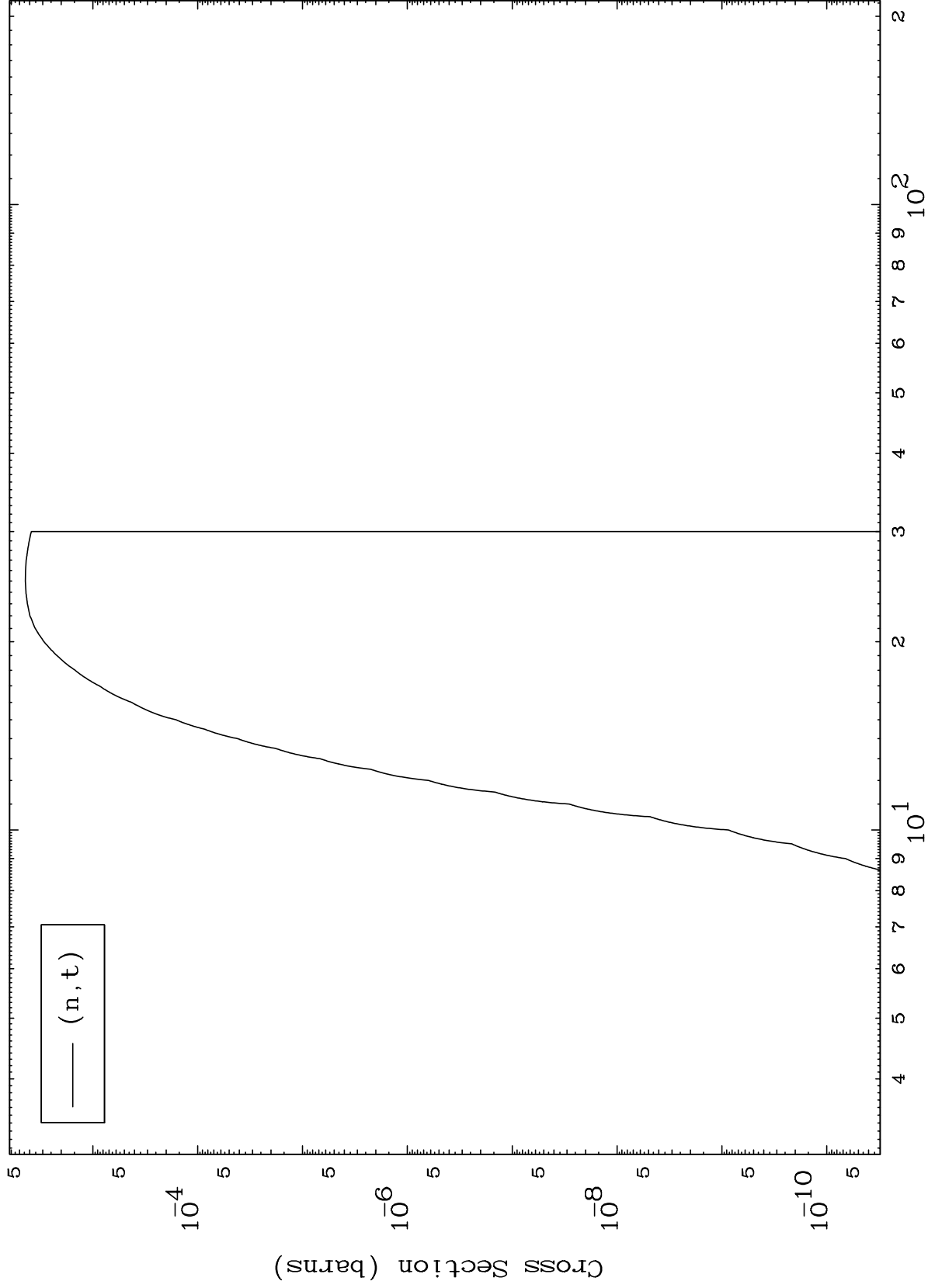
71-Lu-176



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(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-176



12

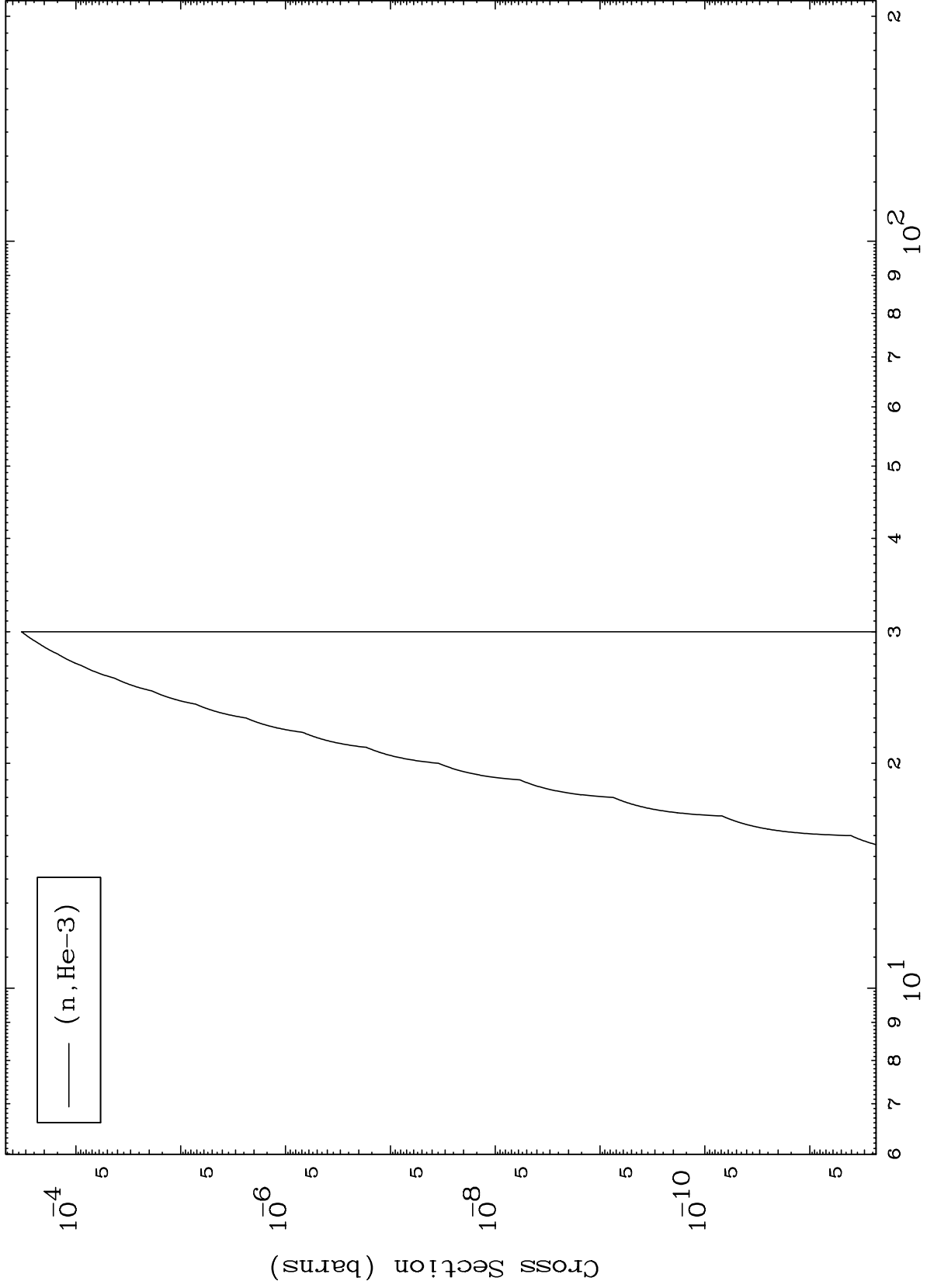
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-176



13

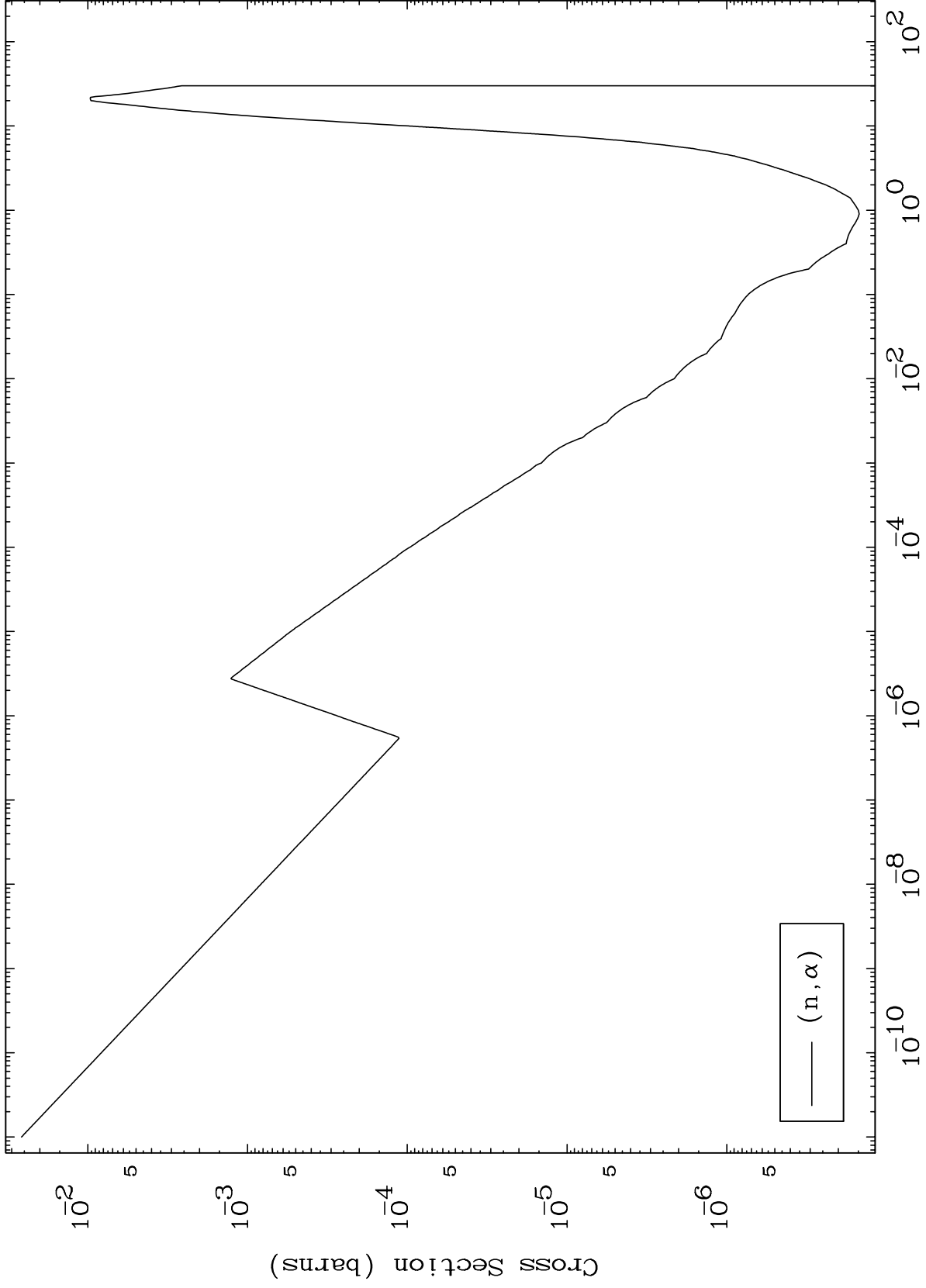
Incident Energy (MeV)

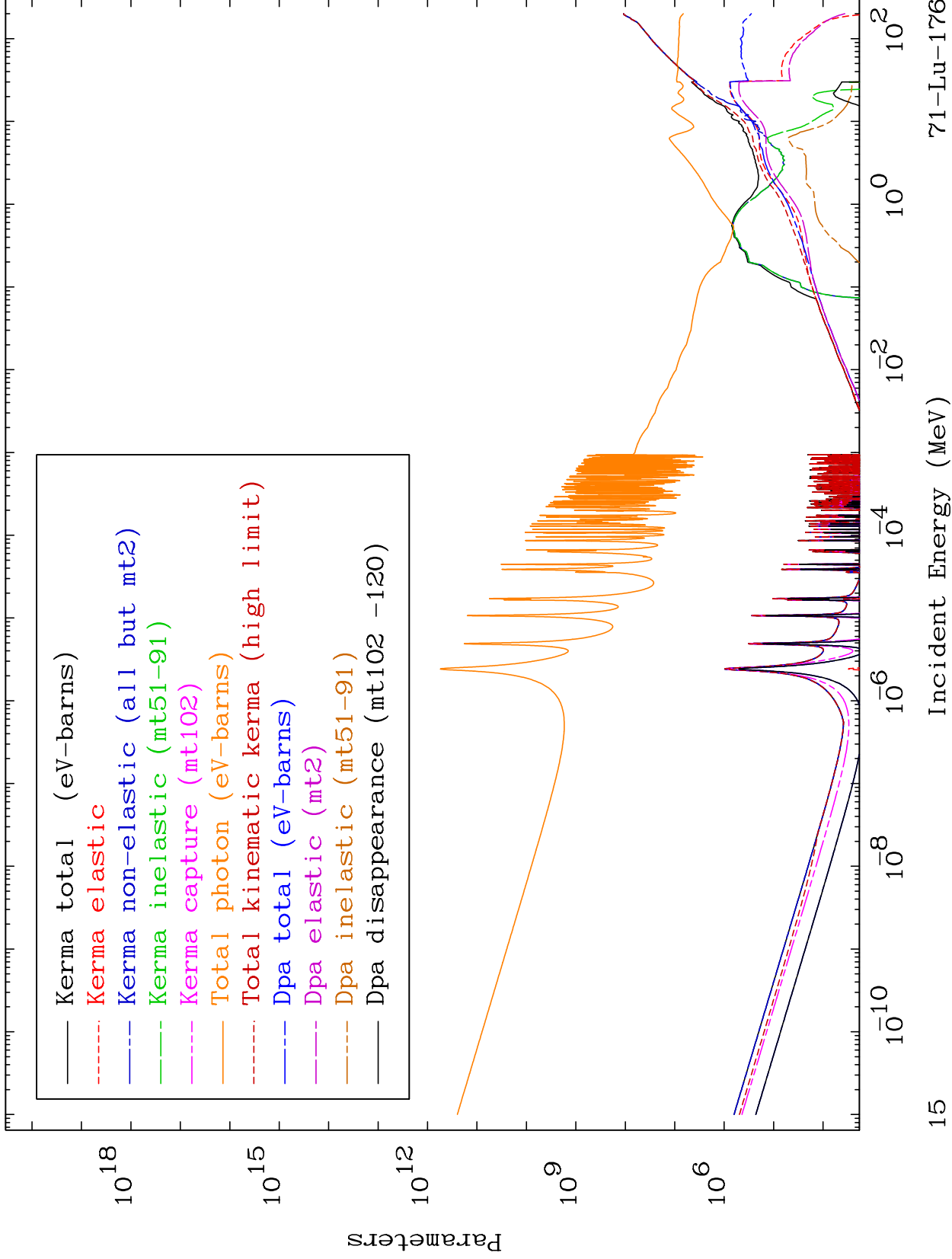
71-Lu-176

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(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-176



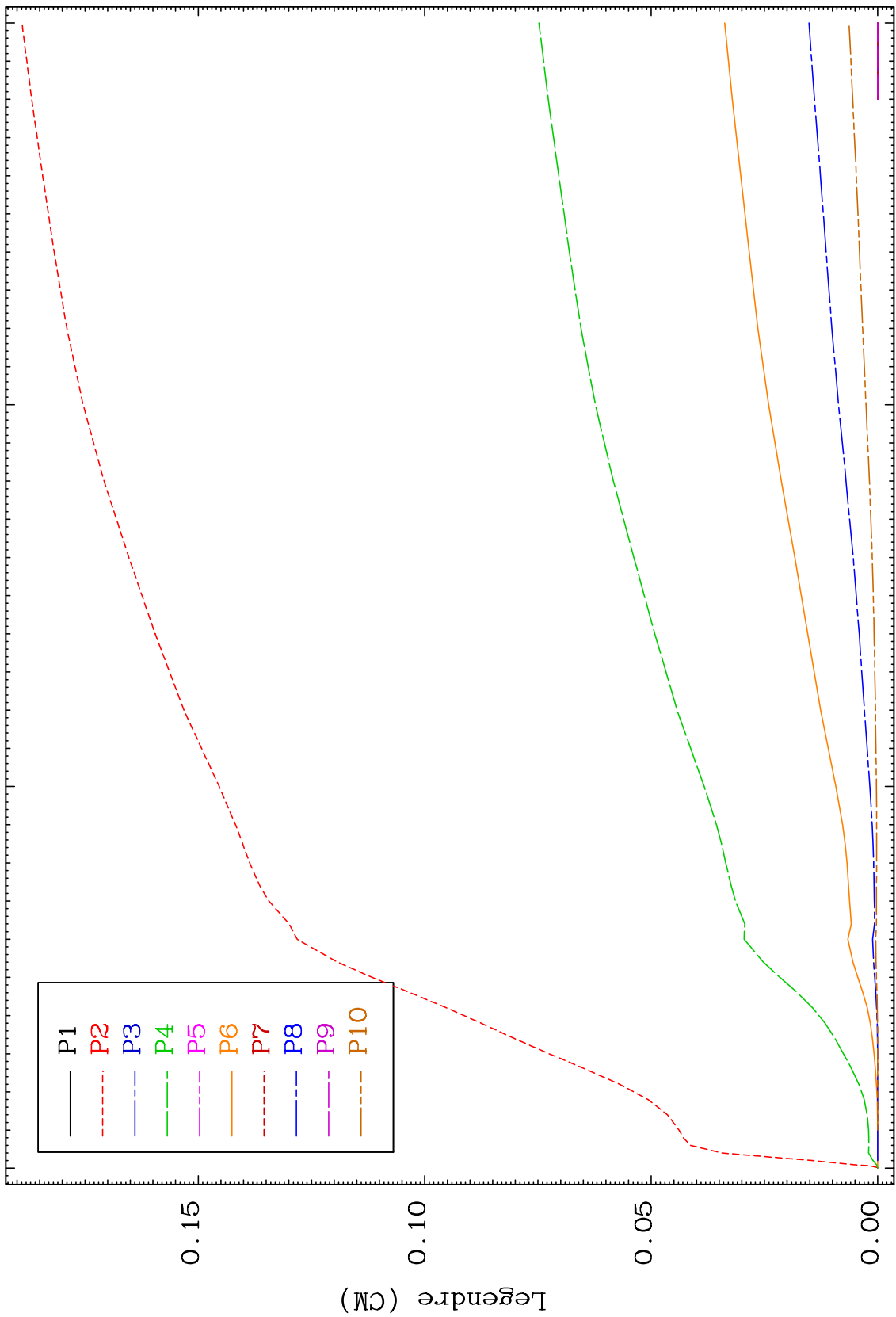




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Elastic Legendre Coefficients

71-Lu-176



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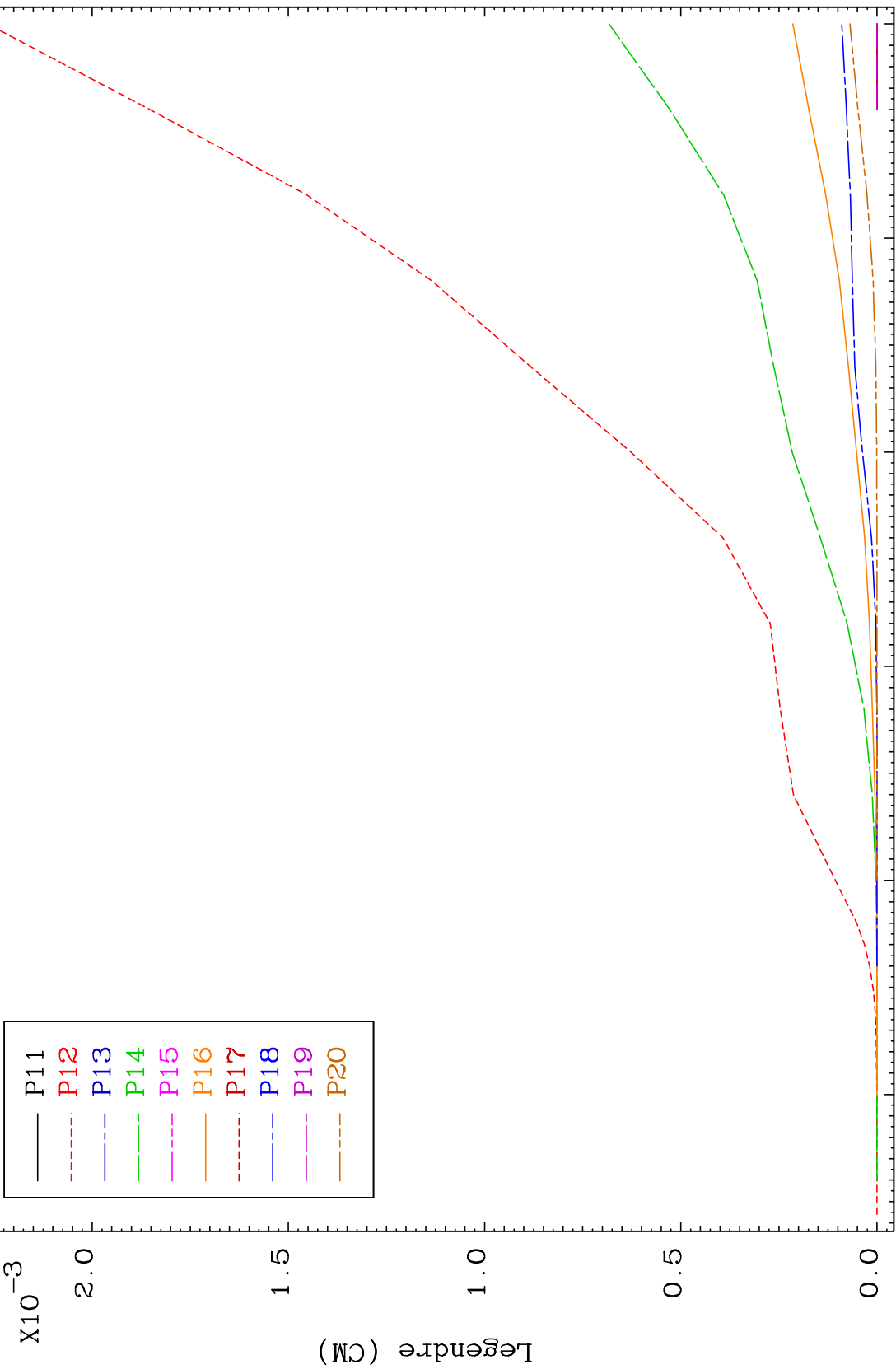
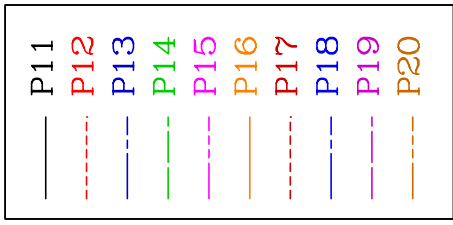
Incident Energy (MeV)

71-Lu-176

MAT 7129

Elastic Legendre Coefficients

71-Lu-176



17

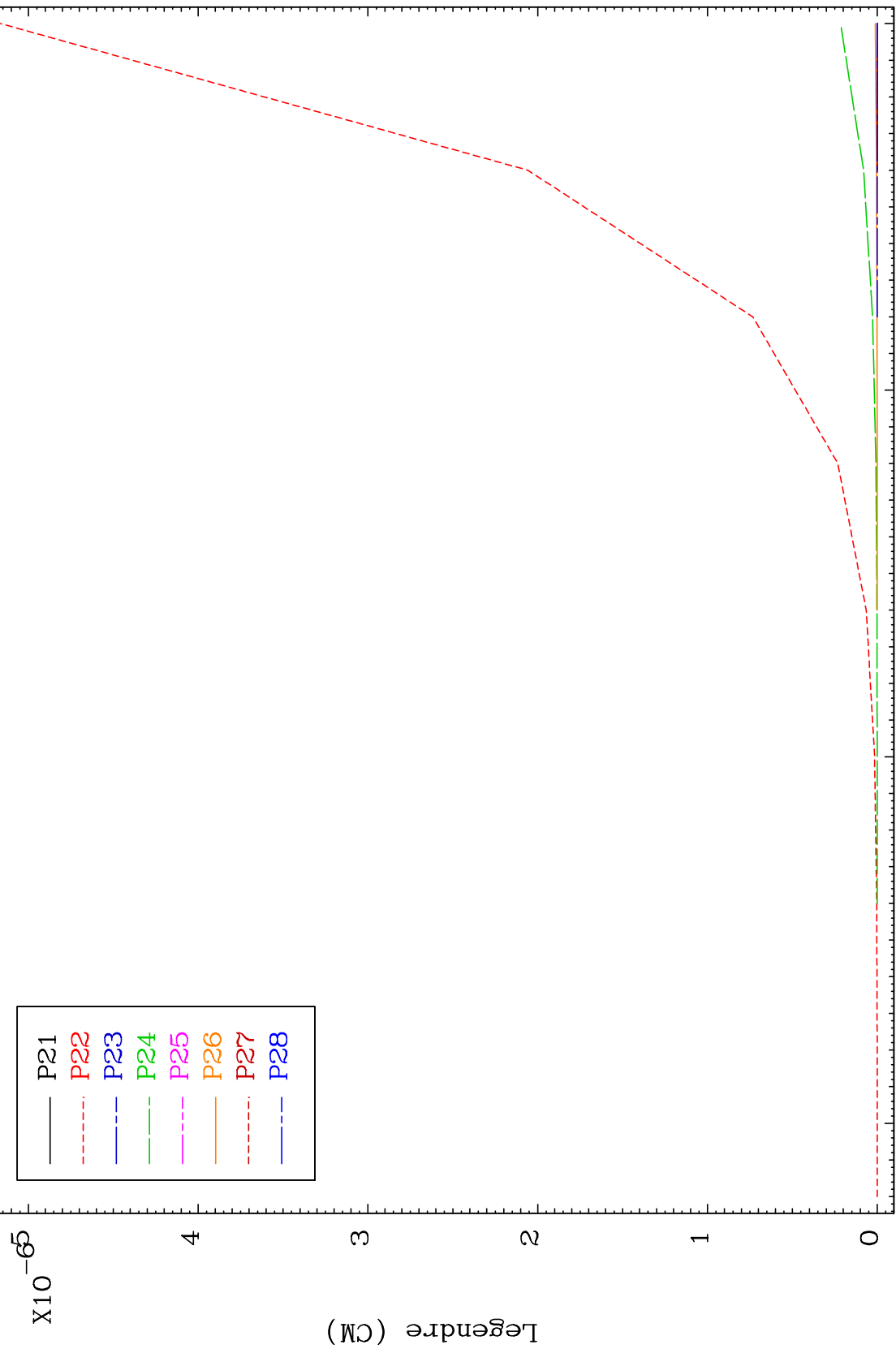
Incident Energy (MeV)

71-Lu-176

MAT 7129

Elastic Legendre Coefficients

71-Lu-176



18

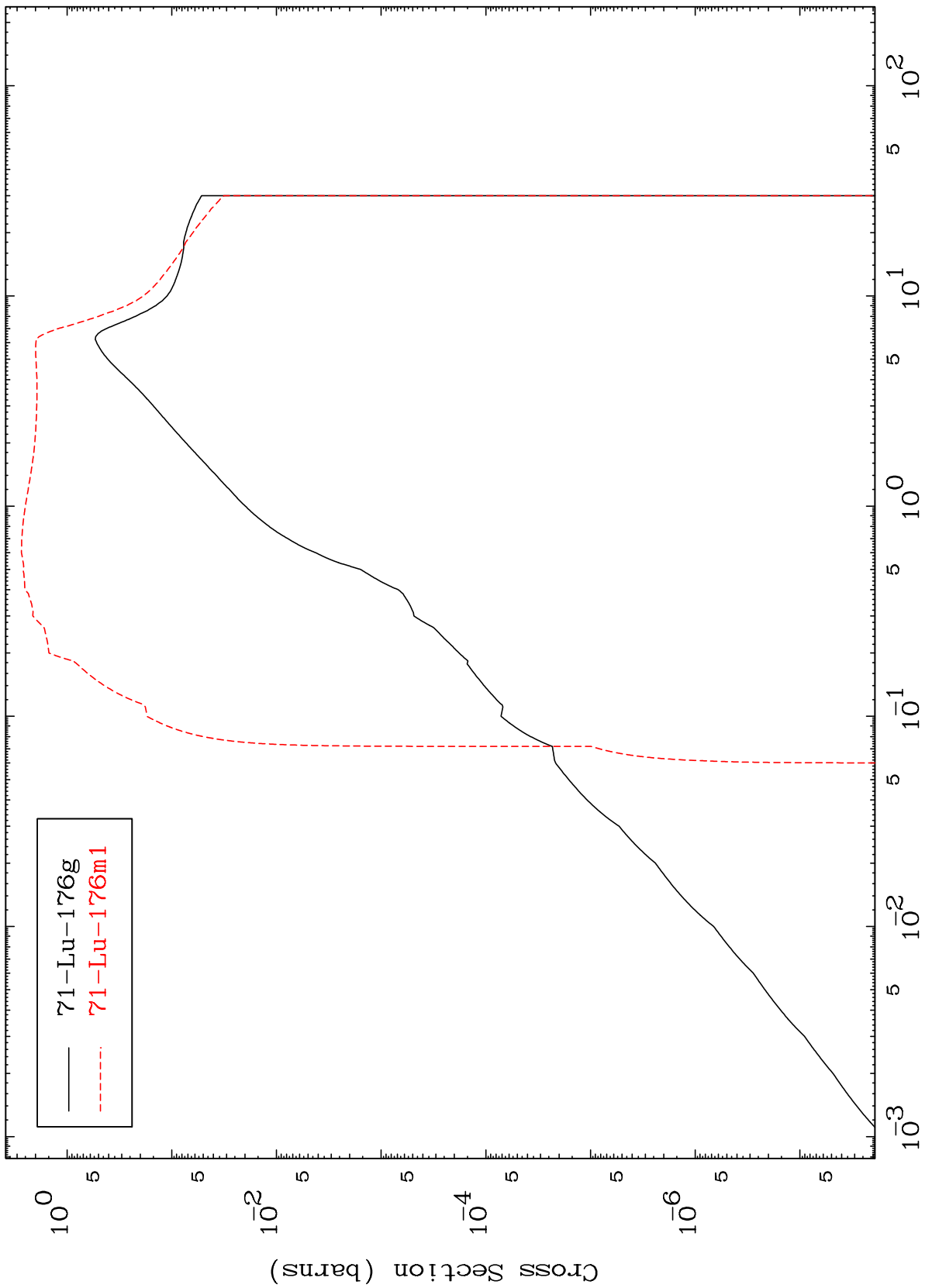
Incident Energy (MeV)

71-Lu-176

MAT 7129

71-Lu-176

Inelastic  
Radionuclide Production Cross Section



71-Lu-176

Incident Energy (MeV)

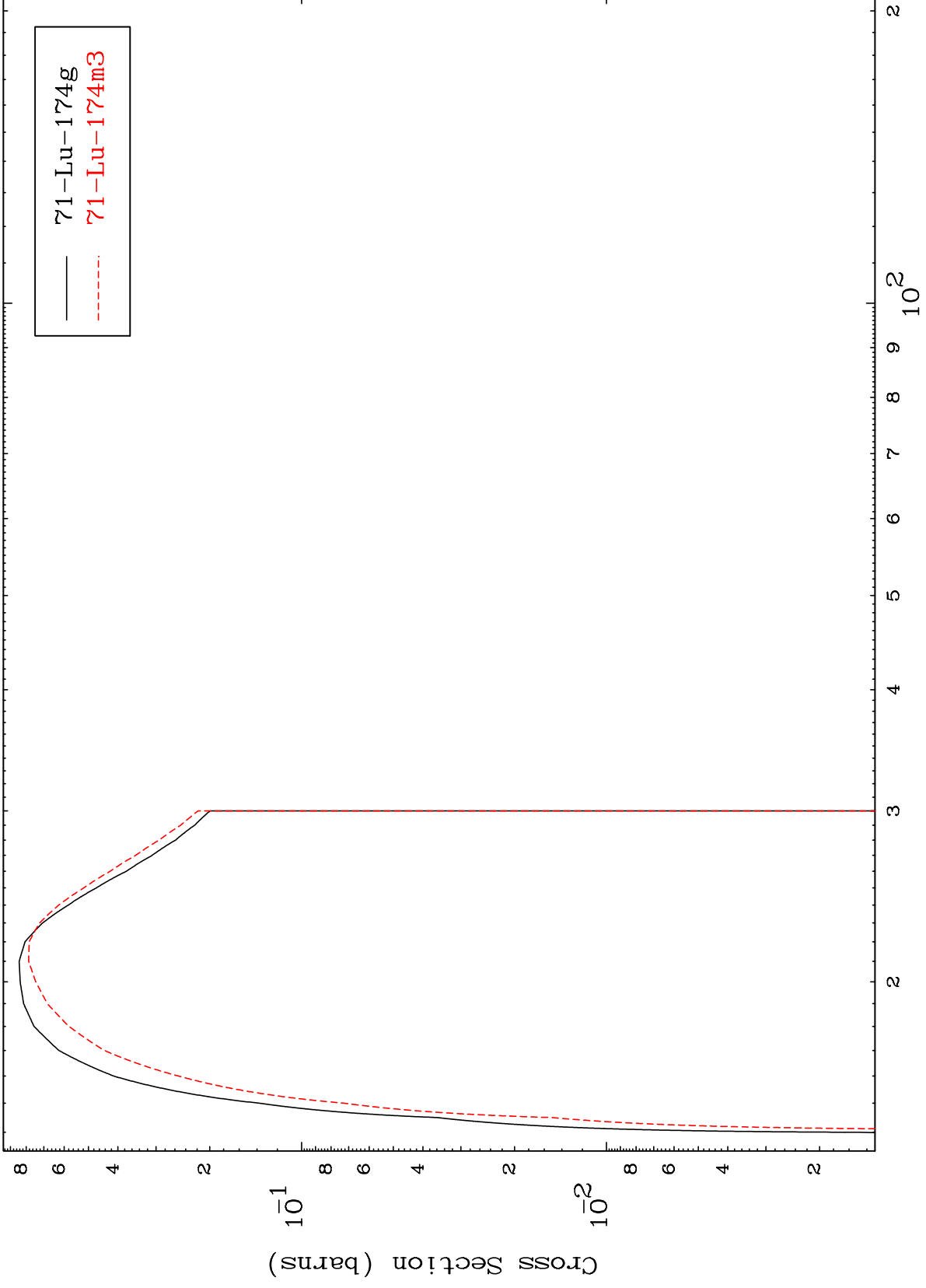
19

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(n,3n)

<sup>71</sup>Lu-176

Radionuclide Production Cross Section



20

Incident Energy (MeV)

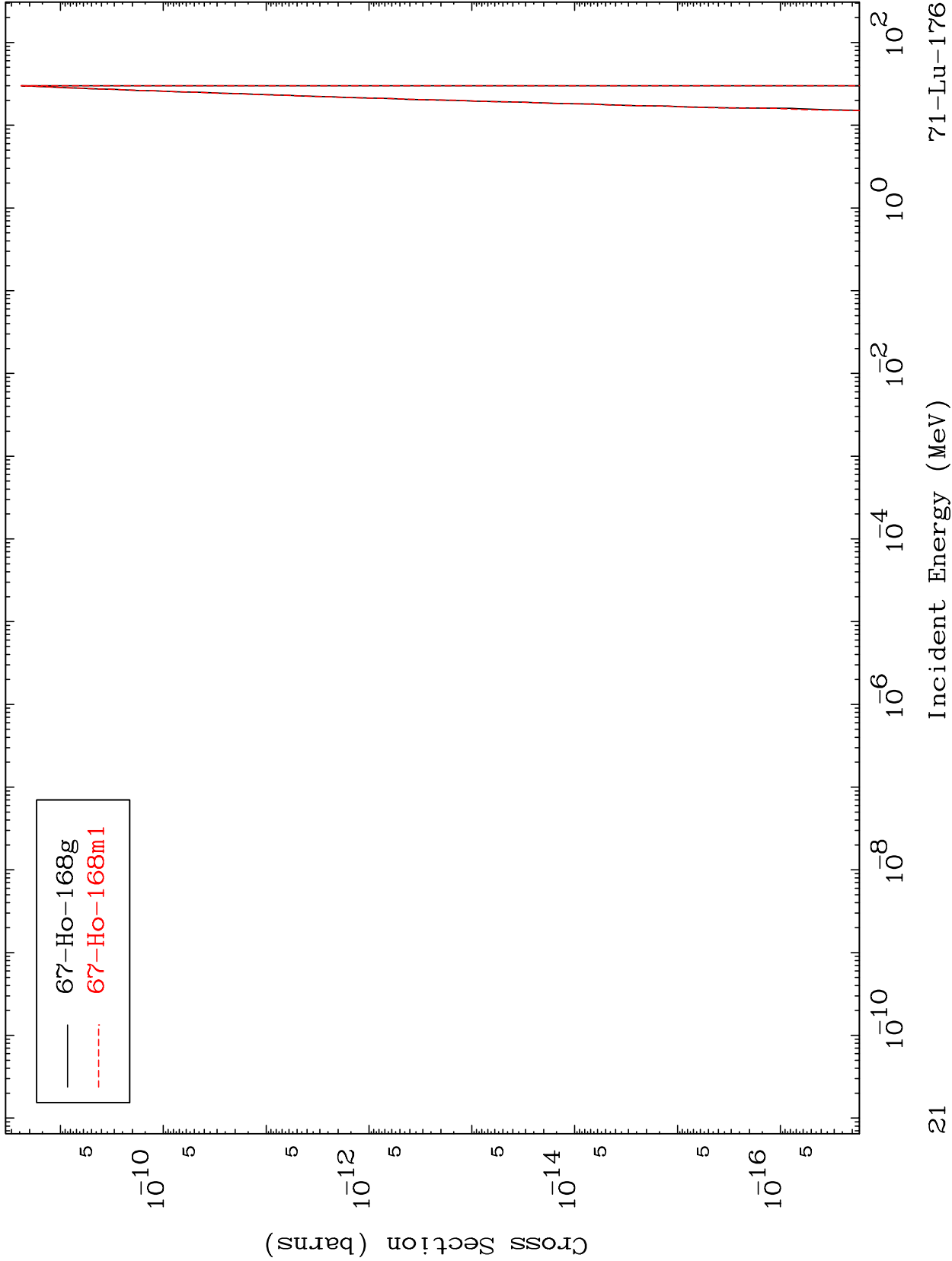
<sup>71</sup>Lu-176

MAT 7129

(n,n') 2α

71-Lu-176

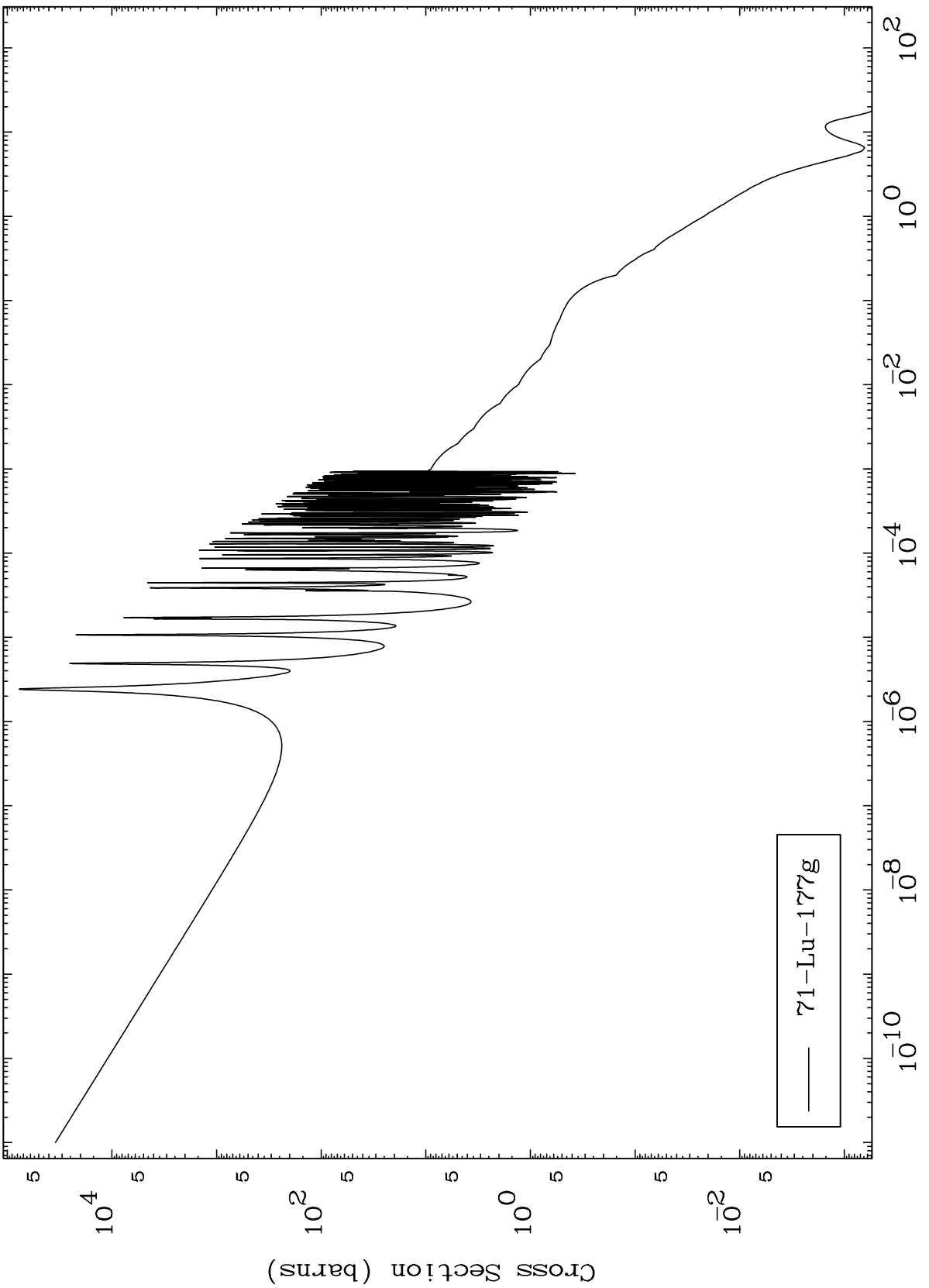
Radionuclide Production Cross Section



MAT 7129

<sup>71</sup>Lu-176

<sup>(n,γ)</sup> Radionuclide Production Cross Section



<sup>71</sup>Lu-176

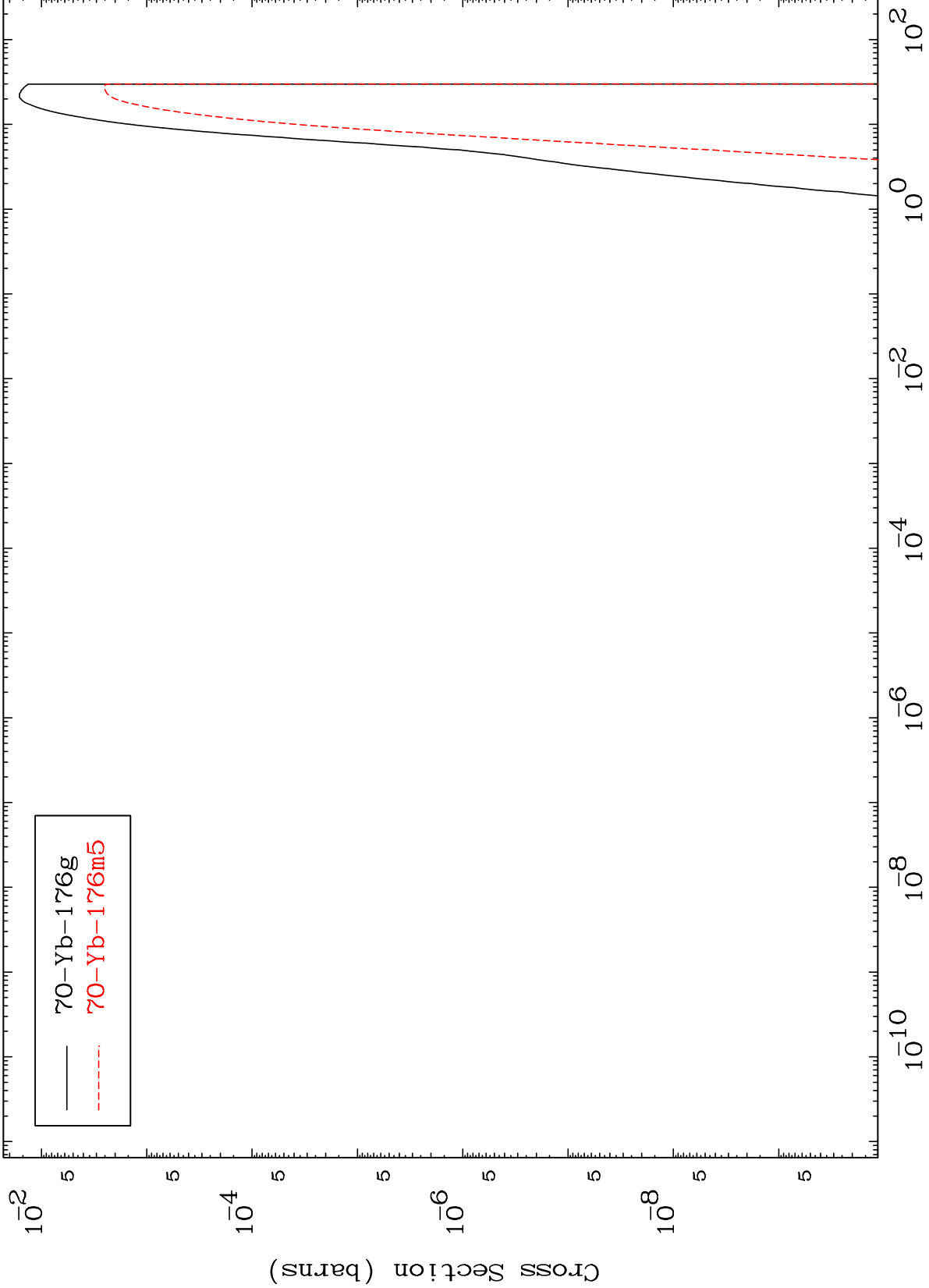
Incident Energy (MeV)

22

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(n,p)  
Radionuclide Production Cross Section

<sup>71</sup>Lu-176



— 70-Yb-176g  
- - - 70-Yb-176m5